CATÁLOGO 2026

CORTECH
Creando Soluciones

Medición

Control de calidad en el laboratorio y junto a la máquina.



Instrumentos de medición mecánicos y digitales para inspección en proceso y en laboratorio. Marcas reconocidas por su exactitud y durabilidad.

Micrómetros
Exteriores, interiores y de profundidad, mecánicos y digitales.

Vernier
Calibradores mecánicos, de carátula y digitales.

Juegos de escuadras
Escuadras combinadas y de precisión para trazo y verificación.

Mesas de granito
Superficies de referencia para inspección y trazo.

Relojes indicadores
Indicadores de carátula y digitales para alineación y medición comparativa.

Relojes de palanca
Indicadores de palanca para centrar y verificar en máquina.

MARCAS EN ESTA LÍNEA

INSIZE

Fowler

PRO CHECK Premium Outside Micrometers & Sets

- Balanced frame and thimble design to ensure easy handling and better readability
- Ratchet thimble for precise application of pressure
- Laser etched graduations and satin chrome carbide anvils
- Accuracy: .0001”
- Graduation .0001”
- Ball attachment included
- Standard included with all sizes over 1”
- 1 Year Warranty



Description - Outside Micrometer		
Range (in.)	Order No.	Price
0 - 1	**PC21OSM0101**	Price
1 - 2	**PC21OSM1201**	Price
2 - 3	**PC21OSM2301**	Price
3 - 4	**PC21OSM3401**	Price
4 - 5	**PC21OSM4501**	Price
5 - 6	**PC21OSM5601**	Price

Description - Outside Micrometer Set		
Range (in.)	Order No.	Price
0 - 3	**PC21OSMS0301**	Price
0 - 4	**PC21OSMS0401**	Price
0 - 6	**PC21OSMS0601**	Price

PRO CHECK Outside Micrometer Sets

- Ratchet thimble
- Carbide tipped faces
- Spindle lock
- Insulated grip
- Satin chrome finish
- Case and wrench



Graduation - .0001		
Range (in.)	Order No.	Price
0 - 3	**NB603CRMS**	Price
0 - 4	**NB604CRMS**	Price
0 - 6	**NB606CRMS**	Price

Graduation - .001		
Range (in.)	Order No.	Price
0 - 3	**NB603CMSX**	Price

Mitutoyo Ratchet Thimble Micrometers

- Improved repeatability for both “expert” and novice users
- Constant force device allows easy one hand operation
- Clearly audible ratchet
- 102 Series features full wrap heat insulation cover
- Certificate of Inspection provided
- Speeder sleeve for quick thimble rotation
- Carbide measuring faces



Range (in./mm)	Graduation	Accuracy	Order No.	Price
0 - 1	.0001	±.0001	**MT80101-717**	Price
0 - 1	.0001	±.0001	**MT80102-717**	Price
0 - 1	.001	±.0001	**MT80101-711**	Price
0 - 1	.001	±.0001	**MT80102-711**	Price
0 - 25mm	0.001mm	±0.002mm	**MT80102-707**	Price
0 - 25mm	0.01mm	±0.002mm	**MT80102-701**	Price

Fowler Decimal Equivalent Outside Micrometers

- Includes Case and Standards, Spanner Wrench
- Parallelism .00005”
- Flatness .00003”
- Diameter of measuring faces .256”
- Smooth action ratchet style thimble for exact and repetitive settings
- Sleeve and thimble have microfine black graduations contrasted with satin chrome
- Satin chrome finish forged steel frame is tapered for hard to get locations
- Decimal Equivalents on frame



Range (in.)	Resolution	Accuracy	Order No.	Price
1 - 2	.0001	.00016	**NA55522350022**	Price
2 - 3	.0001	.00016	**NA55522350032**	Price

PRO CHECK Outside Micrometers

- Carbide tipped
- Lock nut
- Supplied with fitted case and adjusting wrench
- Satin chrome finish
- Heat-insulated grip plate
- Ratchet thimble
- 2” and larger supplied with standards



Graduation - .0001		
Range (in.)	Order No.	Price
0 - 1	**NB60CRM1**	Price
1 - 2	**NB60CRM2**	Price
2 - 3	**NB60CRM3**	Price
3 - 4	**NB60CRM4**	Price
4 - 5	**NB60CRM5**	Price
5 - 6	**NB60CRM6**	Price
6 - 7	**NB60CRM7**	Price
7 - 8	**NB60CRM8**	Price
8 - 9	**NB60CRM9**	Price
9 - 10	**NB60CRM10**	Price
10 - 11	**NB60CRM11**	Price
11 - 12	**NB60CRM12**	Price

Graduation - .001		
Range (in.)	Order No.	Price
0 - 1	**NB60CM001**	Price

Fowler 0-1/2" Outside Micrometer

- 0-1/2” Range
- .001” Graduation
- 2.825” Overall length
- Forged steel frame
- Anvil and spindle are hardened and precision ground with micro-lapped ends
- Satin chrome finish with clear, crisp graduations on barrel and thimble
- Diameter of measuring faces: .197”
- Includes fitted case



Order No.	Price
NA5552230000	Price

Fowler 0-1" Outside Micrometer

- Black decimal equivalents on satin chrome finished forged steel frame
- Graduations: .0001”
- Ratchet thimble and locking nut
- Complete in case



Order No.	Price
NA55522350011	Price

Fowler Outside Micrometers

- Hammertone blue baked-enamel finish
- Microfine graduations on satin-chrome finish
- Carbide-tipped .256” measuring faces
- Spindle lock
- Ratchet stop thimble
- Includes standard on sizes over 1”
- 6” to 12” sizes available
- Supplied with fitted case and wrench



Range (in.)	Graduation (in.)	Order No.	Price
0 - 1	.0001	**NA5552240101**	Price
1 - 2	.0001	**NA5552240102**	Price
3 - 4	.0001	**NA5552240004**	Price
5 - 6	.0001	**NA5552240006**	Price
12 - 13	.0001	**NA5552240013**	Price

Mitutoyo Outside Micrometers

- Hammertone, baked-enameled-finished frame
- Spindle lock
- Supplied with fitted carrying case
- Satin-chrome finished sleeve and ratchet thimble
- Carbide tipped measuring faces
- Meets or exceeds Federal Specifications
- Micrometers over 1” supplied with standard



Graduation (in./mm) - .0001		
Range (in./mm)	Order No.	Price
0 - 1	**MT80103-260**	Price
1 - 2	**MT80103-262**	Price
2 - 3	**MT80103-217**	Price
3 - 4	**MT80103-218**	Price
4 - 5	**MT80103-219**	Price
5 - 6	**MT80103-220**	Price
6 - 7	**MT80103-221**	Price
7 - 8	**MT80103-222**	Price
8 - 9	**MT80103-223**	Price
9 - 10	**MT80103-224**	Price
10 - 11	**MT80103-225**	Price
11 - 12	**MT80103-226**	Price

Graduation (in./mm) - .001		
Range (in./mm)	Order No.	Price
0 - 1	**MT80103-177**	Price
1 - 2	**MT80103-178**	Price
2 - 3	**MT80103-179**	Price
3 - 4	**MT80103-180**	Price
4 - 5	**MT80103-181**	Price
5 - 6	**MT80103-182**	Price
6 - 7	**MT80103-183**	Price
7 - 8	**MT80103-184**	Price
8 - 9	**MT80103-185**	Price
9 - 10	**MT80103-186**	Price
10 - 11	**MT80103-187**	Price
11 - 12	**MT80103-188**	Price

Graduation (in./mm) - 0.01mm		
Range (in./mm)	Order No.	Price
0 - 25mm	**MT80103-137**	Price
25 - 50mm	**MT80103-138**	Price
50 - 75mm	**MT80103-139-10**	Price
75 - 100mm	**MT80103-140-10**	Price
100 - 125mm	**MT80103-141-10**	Price

INSIZE Outside Micrometers

- Carbide measuring faces
- .0001 Graduation
- Ratchet stop
- Lock nut
- All sizes larger than 1” supplied with standard
- Supplied with certification
- Includes case



Range	Model No.	Order No.	Price
0 - 1	3203-1A	**SZ2032031A**	Price
1 - 2	3203-2A	**SZ2032032A**	Price
2 - 3	3203-3A	**SZ2032033A**	Price
0 - 3 Set	3203-33A	**SZ20320333A**	Price
0 - 6 Set	3203-66A	**SZ20320366A**	Price

Mitutoyo Micrometer Sets

- Hammertone-finished frame
- Spindle lock
- Supplied with fitted carrying case
- Carbide-tipped faces
- Meets or exceeds Federal Specifications
- Setting standards

†1” and 2” micrometer have friction thimbles



Thimble Type - Ratchet			
Range (in.)	Graduation (in.)	Order No.	Price
0 - 3	.001	**MT80103-929**	Price

Thimble Type - Ratchet/Friction			
Range (in.)	Graduation (in.)	Order No.	Price
0 - 3	.0001	**MT80103-922†**	Price

Mitutoyo Enamel Finish Micrometers

- Carbide faces
- Clear graduations on satin-chrome finish
- Complete with fitted carrying case
- Hammertone baked-enamel-finished frame
- Micrometers over 1” supplied with standard
- Friction thimble



Range (in.)	Graduation (in.)	Order No.	Price
0 - 1	.0001	**MT80103-135**	Price
1 - 2	.0001	**MT80103-136**	Price

Starrett Series 230 Micrometers

USA

Satin Chrome Finish

- Lapped finish on anvil and spindle faces
- Quick reading figures every thousandth numbered
- Spindle lock (except for plain model - 230P)
- 0-1” Range
- Convenient decimal equivalents

†With standard letter of certification



Graduation (in.) - .0001				
Starrett No.	Thimble Type	Face	Order No.	Price
T230RL	Ratchet	Steel	**MV7050943**	Price
T230XFL	Friction	Carbide	**MV7050947**	Price
T230XFL	Friction	Carbide	**MV7066916†**	Price
T230XRL	Ratchet	Carbide	**MV7050944**	Price
T230XRL	Ratchet	Carbide	**MV7064401†**	Price

Graduation (in.) - .001				
Starrett No.	Thimble Type	Face	Order No.	Price
230P	Plain	Steel	**MV7050932**	Price
230RL	Ratchet	Steel	**MV7050935**	Price

Starrett Outside Micrometers

Series T444

- Satin chrome finish
- Balanced frame
- Insulated frame
- Ratchet thimble
- Carbide faces
- Reading in .0001" with a vernier scale on the sleeve



Range (in.)	Starrett No.	Order No.	Price
0 - 1	T444.1XRL-1	**MV7052083**	Price
1 - 2	T444.1XRL-2	**MV7052084**	Price
2 - 3	T444.1XRL-3	**MV7052085**	Price
3 - 4	T444.1XRL-4	**MV7052086**	Price
4 - 5	T444.1XRL-5	**MV7052087**	Price
5 - 6	T444.1XRL-6	**MV7052088**	Price

Starrett 0 - 6" (0 - 150mm) Outside Micrometer Set

Model No. ST444.1CXRLZ

- Measuring range 0 - 6" (0 - 150mm)
- Standard included with sizes over 1" (25mm)
- Graduation 0001"
- Carbide tipped faces
- Ratchet stop
- Lock nut
- Satin chrome finish on spindle



Order No.	Price
MV7072532	Price

Starrett Series 436 Micrometers Sets

- Staggered lines and distinct, quick reading figures on sleeve
- Every thousandth numbered
- Black enamel finished frames
- Satin chrome finish on sleeve and thimble
- Spindle lock
- Standards provided for sizes over 1"
- Carbide faces

Made in USA



Graduation (in.) - .0001				
Range (in.)	Starrett No.	Thimble	Order No.	Price
0 - 3	ST436.1AXRLZ	Ratchet	**MV7068037**	Price
0 - 4	ST436.1BXRLZ	Ratchet	**MV7068041**	Price
0 - 6	ST436.1CXRLZ	Ratchet	**MV7068045**	Price

Graduation (in.) - .001				
Range (in.)	Starrett No.	Thimble	Order No.	Price
0 - 3	S436.1AXRLZ	Ratchet	**MV7068036**	Price
0 - 6	S436.1CXRLZ	Ratchet	**MV7068044**	Price
0 - 12	S436EXRLZ	Ratchet	**MV7052012**	Price

Starrett Series 436 Outside Micrometers

- Staggered lines and distinct, quick reading figures on sleeve
- Every thousandth numbered
- Black enamel finished frames
- Satin chrome finish on sleeve and thimble
- Standards provided for sizes over 1"
- Spindle lock
- Carbide faces



Made in USA

Graduation (in.) - .0001						
			Non-Certified		Standard Letter of Certification	
Range (in.)	Starrett No.	Thimble	Order No.	Price	Order No.	Price
0 - 1	T436.1XFL-1	Friction	**MV7067999**	Price	**MV7068000**	Price
0 - 1	T436.1XRL-1	Ratchet	**MV7067997**	Price	**MV7067998**	Price
1 - 2	T436.1XFL-2	Friction	**MV7068007**	Price	**MV7068008**	Price
1 - 2	T436.1XRL-2	Ratchet	**MV7068005**	Price	**MV7068006**	Price
2 - 3	T436.1XFL-3	Friction	**MV7068015**	Price	**MV7068016**	Price
2 - 3	T436.1XRL-3	Ratchet	**MV7068013**	Price	**MV7068014**	Price
3 - 4	T436.1XFL-4	Friction	**MV7068021**	Price	**MV7068022**	Price
3 - 4	T436.1XRL-4	Ratchet	**MV7068019**	Price	**MV7068020**	Price
4 - 5	T436.1XFL-5	Friction	**MV7068027**	Price	**MV7068028**	Price
4 - 5	T436.1XRL-5	Ratchet	**MV7068025**	Price	**MV7068026**	Price
5 - 6	T436.1XFL-6	Friction	**MV7068033**	Price	**MV7068034**	Price
5 - 6	T436.1XRL-6	Ratchet	**MV7068031**	Price	**MV7068032**	Price

Graduation (in.) - .001						
			Non-Certified		Standard Letter of Certification	
Range (in.)	Starrett No.	Thimble	Order No.	Price	Order No.	Price
0 - 1	436.1XRL-1	Ratchet	**MV7067994**	Price	**MV7067995**	Price
1 - 2	436.1XRL-2	Ratchet	**MV7068003**	Price	**-**	-

TESA / brown & sharpe Valueline Micrometers

- Satin-chrome thimble
- Straight-line graduations
- Black enamel frame
- Spindle lock
- Carbide-tipped anvils
- Fixed/friction thimble
- Meets Federal Specifications



Range (in.)	Graduation (in.)	Order No.	Price
0 - 1	.0001	**MV4525943**	Price
1 - 2	.0001	**MV4525944**	Price
2 - 3	.0001	**MV4525945**	Price
3 - 4	.0001	**MV4525946**	Price
4 - 5	.0001	**MV4525947**	Price
5 - 6	.0001	**MV4525948**	Price

TESA / brown & sharpe Valueline Micrometer Sets

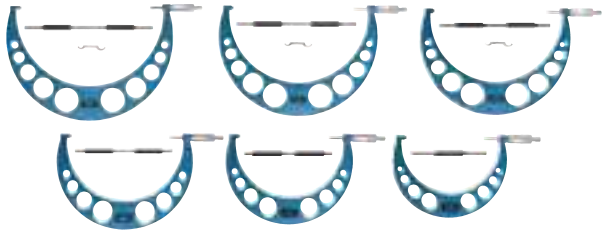


Range (in.)	Description	Order No.	Price
0 - 3	With Standards	**MV4525984**	Price
0 - 6	Without Standards	**MV4525987**	Price

Fowler Micrometer Sets

0-6", 6-12", 0-12"

- Hammertone blue baked enamel finish
- Microfine graduations on satin chrome finish
- Carbide-tipped measuring faces (.256" dia.)
- Graduation .0001"
- Flatness .00003"
- Quick, easy zero adjustment on sleeve
- Positive lever locking clamp
- Spindle thread hardened, ground and lapped for ultimate accuracy
- Anvil & spindle hardened and precision ground with microlap finish on tips
- Meets or exceeds federal accuracy specs
- Includes standards for all sizes over 1", wrenches, and wooden case



Measuring Range	Fowler No.	Order No.	Price
0 - 6	52-215-006-1	**NA5552215006**	Price
0 - 12	52-215-012-1	**NA5552215012**	Price
6 - 12	52-215-612-1	**NA5552215612**	Price

PRECHECK Premium Outside Micrometers

Mechanical Digital



- Ball attachment included
- Carbide tipped anvils
- Satin chrome spindle with ratchet thimble and spindle lock
- Hammertone finish with heat insulated grip plate
- Standards included on all sizes over 1"
- Includes fitted case and adjusting wrench
- 1 Year Warranty

Range (in.)	Order No.	Price
0 - 1	**PC21MDM0101**	Price
1 - 2	**PC21MDM1201**	Price
2 - 3	**PC21MDM2301**	Price
0 - 3 Set	**PC21MDMS0301**	Price

PRECHECK Digital Micrometers



- Carbide tipped with ratchet thimble and spindle lock
- In fitted case with adjusting wrench
- Satin chrome finish with heat insulated grip plate
- Sizes over 1" are supplied with standard
- Meets or exceeds Federal specifications

- Digital Outside Micrometer			
Range (in.)	Graduation (in.)	Order No.	Price
0 - 1	.0001	**NB60CDM1**	Price
1 - 2	.0001	**NB60CDM2**	Price
2 - 3	.0001	**NB60CDM3**	Price
3 - 4	.0001	**NB60CDM4**	Price

- Digital Outside Micrometer Set			
Range (in.)	Graduation (in.)	Order No.	Price
0 - 3 Set	.0001	**NB603CDMS**	Price

Fowler Economy Outside Micrometers

- Carbide tipped measuring faces
- Ratchet thimble and locking nut
- Microfine graduations
- Standards provided for sizes over 1"
- Meets or exceeds federal accuracy specifications
- Complete in case



- Economy Outside Micrometer			
Range (in./mm)	Graduation (in./mm)	Order No.	Price
0 - 1	.0001	**NA5552229201**	Price
1 - 2	.0001	**NA5552229202**	Price
2 - 3	.0001	**NA5552229203**	Price

- Economy Outside Micrometer Set			
Range (in./mm)	Graduation (in./mm)	Order No.	Price
0 - 3 Set	.0001	**NA5552229213**	Price
0 - 100mm Set	0.01mm	**NA5552229220**	Price

Fowler Digit Counter Micrometers

- Carbide tipped measuring faces
- Insulated frames
- Positive locking nut on spindle
- Sizes over 1" supplied with standards
- Complete in case



- Digital Outside Micrometers			
Range (in.)	Graduation (in.)	Order No.	Price
0 - 1	.0001	**NA5552224001**	Price
1 - 2	.0001	**NA5552224002**	Price
2 - 3	.0001	**NA5552224003**	Price

- Digital Outside Micrometer Sets			
Range (in.)	Graduation (in.)	Order No.	Price
0 - 3 (Set)	.0001	**NA5552224103**	Price
0 - 75mm	0.01mm	**NA5552224220**	Price

Fowler EZ Read Digit Micrometers

- Graduation: .0001"
- Insulated steel frames
- Carbide tipped measuring faces
- Includes wrench and fitted case
- Includes standards on sizes over 1"



- Digital Outside Micrometers		
Range (in./mm)	Order No.	Price
0 - 1	**NA5552222201**	Price
1 - 2	**NA5552222202**	Price
2 - 3	**NA5552222203**	Price

- Digital Outside Micrometer Sets		
Range (in./mm)	Order No.	Price
0 - 3	**NA5552222233**	Price

Mitutoyo Digital Micrometers

- Spindle lock
- Microfine graduation on thimble
- Reads .001” on digital display and reads .0001” on thimble
- Satin-chrome finished sleeve and thimble
- Standards provided for sizes over 1”



Graduation - .0001			
Range (in./mm)	**Thimble Type**	**Order No.**	**Price**
0 - 1	Friction	**MT80193-211**	Price
1 - 2	Friction	**MT80193-212**	Price
2 - 3	Ratchet	**MT80193-213**	Price
3 - 4	Ratchet	**MT80193-214**	Price
10 - 11	Ratchet	**MT80193-421**	Price

Graduation - 0.001mm			
Range (in./mm)	**Thimble Type**	**Order No.**	**Price**
0 - 25mm	Ratchet	**MT80193-111**	Price
25 - 50mm	Ratchet	**MT80193-112**	Price
75 - 100mm	Ratchet	**MT80193-114**	Price

Graduation - 0.01mm			
Range (in./mm)	**Thimble Type**	**Order No.**	**Price**
50 - 75mm	Ratchet	**MT80193-103**	Price
75 - 100mm	Ratchet	**MT80193-104**	Price
125 - 150mm	Ratchet	**MT80193-106**	Price
200 - 225mm	Ratchet	**MT80193-109**	Price
225 - 250mm	Ratchet	**MT80193-110**	Price
275 - 300mm	Ratchet	**MT80193-132**	Price

Mitutoyo Digital Micrometer Sets

- Spindle lock
- Microfine graduation on thimble
- Reads .001” on digital display and reads .0001” on thimble
- Satin-chrome finished sleeve and thimble
- Standards provided for sizes over 1”

†1” and 2” micrometer have friction thimbles



Graduation - .0001			
Range (in./mm)	**Thimble Type**	**Order No.**	**Price**
0 - 3	Ratchet/Friction	**MT80193-923†**	650.00

Graduation - 0.001mm			
Range (in./mm)	**Thimble Type**	**Order No.**	**Price**
0 - 75mm	Ratchet	**MT80193-915**	Price

Graduation - 0.01mm			
Range (in./mm)	**Thimble Type**	**Order No.**	**Price**
0 - 75mm	Ratchet	**MT80193-901**	Price

Starrett 0-1" Digital Micrometers

- Reads .001” on digital display and reads .0001” on sleeve
- Spindle lock
- Also available with standard letter of certification



Starrett No.	Graduation	Thimble	Face	Order No.	Price
216FL-1	.001	Friction	Steel	**MV7055954**	Price
216RL-1	.001	Ratchet	Steel	**MV7055953**	Price
T216XFL-1	.0001	Friction	Carbide	**MV7055960**	Price

Fowler 0 - 1" Micrometer with Bluetooth Kit

- Transmitter acts as a keyboard wedge
- Rechargeable battery (transmitter) with automatic off switch
- Accuracy: ± .00016” / 0.004mm
- Resolution: .00005” / 0.001mm
- Carbide measuring faces
- Absolute & incremental modes
- Haz Code 05

New!



Range (in/mm)	Order No.	Price
0 - 1 / 0 - 25mm	**NA5554860001BT**	Price

INSIZE Digital Outside Micrometer

- Range 0 - 1 / 0 - 25mm
- Resolution .00005” / 0.001mm
- Ratchet thimble
- Carbide faces
- No data output
- Uses SR44 battery
- Supplied with certification



Model No.	Order No.	Price
3109-25E	**SZ20310925E**	Price

TESA | Brown & Sharpe Micromaster Digital Micrometers

- Sleek, ergonomic design
- Large, easy-to-read 1/4” digital display
- Preset absolute and differential modes
- Battery life of 1 to 2 years of normal usage
- Automatic shut-off after 10 minutes
- Meets or exceeds applicable federal and DIN standards
- Complete with shop hardened, fitted case



B&S No.	Range (in./mm)	Accuracy (in./mm)	Order No.	Price
599-100	0 - 1.2 / 0 - 30mm	.00016	**MV4527266**	Price
599-125	0 - 1.2 / 0 - 30mm	.00016	**MV4527271**	Price
599-126	1 - 2 / 25 - 50mm	.0002	**MV4527272**	Price
599-127	2 - 3 / 50 - 75mm	.0002	**MV4527273**	Price

Note: 599-125, 126 and 127 are EP54 Compliant

PROCHECK Electronic Digital Micrometers

- Resolution: .00005”/0.001mm
- Absolute and incremental mode
- Ratchet thimble and spindle lock
- Carbide measuring faces
- Ball attachment included
- Supplied with storage case
- Replacement battery: KA56ECR2032
- 1 Year Warranty



Measuring Range	Order No.	Price
0 - 1 / 0 - 25.4mm	**PC20EM01255IP4**	Price
0 - 3 / 0 - 76.2mm	**PC20EM03755IP4**	Price
1 - 2 / 25.4 - 50.8mm	**PC20EM12505IP4**	Price
2 - 3 / 50.8 - 76.2mm	**PC20EM23755IP4**	Price

PROCHECK PREMIUM IP54 Electronic Digital Micrometers

- Resolution: .00005”/0.001mm
- Absolute and incremental mode
- Ratchet thimble and spindle lock
- IP54 protection against water drops and dust
- Carbide measuring faces
- Ball attachment included
- Supplied with storage case
- Replacement battery: KA56ECR2032
- 1 Year Warranty



Measuring Range	Order No.	Price
0 - 1 / 0 - 25.4mm	**PC20EM01255IP5**	Price
0 - 3 / 0 - 76.2mm	**PC20EM03755IP5**	Price
1 - 2 / 25.4 - 50.8mm	**PC20EM12505IP5**	Price
2 - 3 / 50.8 - 76.2mm	**PC20EM23755IP5**	Price

PROCHECK PREMIUM 0-3" IP54 SmartMic Micrometer Set

- Inch / metric measuring modes
- Easy-to-read extra large LCD display
- Metal thimble with ratchet for consistent applications of measuring force
- Carbide anvil
- SPC Data Port
- Compatible with 3 Procheck data output options: USB or Bluetooth wireless and hardwire connect (Not included)



Order No.	Price
PC20EM03SMLI5	Price

PROCHECK PREMIUM IP54 SmartMic Micrometers

- Inch / metric measuring modes
- Easy-to-read extra large LCD display
- Metal thimble with ratchet for consistent applications of measuring force
- Carbide anvil
- SPC Data Port
- Compatible with 3 Procheck data output options: USB or Bluetooth wireless and hardwire connect (Not included)
- Haz Code: HAZ05

Range (in.)	Order No.	Price
0 - 1	**PC20EM01SMLI5**	Price
1 - 2	**PC20EM12SMLI5**	Price
2 - 3	**PC20EM23SMLI5**	Price
3 - 4	**PC20EM34SMLI5**	Price
4 - 5	**PC20EM45SMLI5**	Price
5 - 6	**PC20EM56SMLI5**	Price



PROCHECK PREMIUM IP65 Electronic Digital Micrometer with Output

- 0-1” / 0-25.5mm Range
- .00005”/0.001mm Resolution
- Absolute and incremental mode
- Ratchet thimble and spindle lock
- Data output port (PC26DCBS4PIN USB/SPC kit optional)
- IP65 protection against water spray and dust
- Carbide measuring face
- Ball attachment included
- Supplied with storage case
- Replacement battery: KA56ECR2032
- 1 Year Warranty



Order No.	Price
PC20EM01255IP6	Price

PROCHECK ABSOLUTE IP65 Electronic Quick Reading Micrometer with Output

- Lever actuated for quick measurement reading
- Accuracy: ±.00016”/0.004 mm
- Absolute and incremental mode
- Ratchet thimble, spindle lock and automatic shutoff
- Data output port (PC26DCBS5PIN USB/SPC kit optional)
- IP65 protection against water spray and dust
- Carbide non rotating measuring face
- Ball attachment included
- Supplied with storage case
- Replacement battery: KA56ECR2032
- 1 Year Warranty



Measuring Range	Resolution	Order No.	Price
0 - 1 / 0 - 25.4mm	.00005 / .001mm	**PC20EM015IP6ABR**	Price

PROCHECK Output Cables, USB with Data Send Control

- Connect tools via USB port and send data to spreadsheets or SPC program (program supplied separately)



Size	Order No.	Price
Absolute/Smart Connect Large 5 Pin L5 Connector/ USB	**PC26DCBL5PIN**	Price
USB Connet Small 4 Pin S4 Connector/USB	**PC26DCBS4PIN**	Price

Mitutoyo Coolant Proof Micrometers

Series 293 — with Dust/Water Protection Conforming to IP65 Level

- IP65 protection level, enabling use in environments exposed to cutting oil, etc
  -note: anti-corrosion treatment is required after use
- .00005”/0.001mm Resolution
- Carbide tipped measuring faces
- Uses SR44 battery (included)
- Auto power ON/OFF function
- Standard included on sizes over 1”/25mm
- Supplied in fitted case
- Replacement battery order number is KA56357BP3



Type - Data Output					
Range (in.)	Resolution	Thimble	Accuracy	Order No.	Price
0 - 1 / 0 - 25.4mm	.00005 / 0.001mm	Friction Thimble	±.00005	**MT80293-335-30**	Price
0 - 1 / 0 - 25.4mm	.00005 / 0.001mm	Ratchet Thimble	±.00005	**MT80293-334-30**	Price
0 - 1 / 0 - 25.4mm	.00005 / 0.001mm	Ratchet Thimble	±.00005	**MT80293-180-30**	Price
0 - 1 / 0 - 25.4mm	.00005 / 0.001mm	Ratchet Stop	±.00005	**MT80293-330-30**	Price
1 - 2 / 25.4 - 50.8mm	.00005 / 0.001mm	Ratchet Stop	±.00005	**MT80293-331-30**	Price
1 - 2 / 25.4 - 50.8mm	.00005 / 0.001mm	Friction Thimble	±.00005	**MT80293-336-30**	Price
2 - 3 / 50.8 - 76.2mm	.00005 / 0.001mm	Ratchet Stop	±.00005	**MT80293-332-30**	Price
3 - 4 / 76.2 - 101.6mm	.00005 / 0.001mm	Ratchet Thimble	±.00005	**MT80293-183-30**	Price
3 - 4 / 76.2 - 101.6mm	.00005 / 0.001mm	Ratchet Stop	±.0001	**MT80293-333-30**	Price

Type - Non-Data Output					
Range (in.)	Resolution	Thimble	Accuracy	Order No.	Price
0 - 1 / 0 - 25.4mm	.00005 / 0.001mm	Ratchet Thimble	±.00005	**MT80293-185-30**	Price
0 - 1 / 0 - 25.4mm	.00005 / 0.001mm	Ratchet Thimble	±.0001	**MT80293-349-30**	Price
0 - 1 / 0 - 25.4mm	.00005 / 0.001mm	Ratchet Stop	±.00005	**MT80293-340-30**	Price
0 - 1 / 0 - 25.4mm	.00005 / 0.001mm	Ratchet Thimble	±.00005	**MT80293-344-30**	Price
0 - 1 / 0 - 25.4mm	.00005 / 0.001mm	Friction Thimble	±.00005	**MT80293-348-30**	Price
1 - 2 / 25.4 - 50.8mm	.00005 / 0.001mm	Ratchet Thimble	±.00005	**MT80293-186-30**	Price
1 - 2 / 25.4 - 50.8mm	.00005 / 0.001mm	Ratchet Stop	±.00005	**MT80293-341-30**	Price
3 - 4 / 76.2 - 101.6mm	.00005 / 0.001mm	Ratchet Thimble	±.0001	**MT80293-347-30**	Price
1 - 2 / 25.4 - 50.8mm	.00005 / 0.001mm	Ratchet Thimble	±.00005	**MT80293-345-30**	Price
2 - 3 / 50.8 - 76.2mm	.00005 / 0.001mm	Ratchet Stop	±.00005	**MT80293-342-30**	Price
2 - 3 / 50.8 - 76.2mm	.00005 / 0.001mm	Ratchet Thimble	±.00005	**MT80293-346-30**	Price
2 - 3 / 50.8 - 76.2mm	.00005 / 0.001mm	Ratchet Thimble	±.00005	**MT80293-187-30**	Price
3 - 4 / 76.2 - 101.6mm	.00005 / 0.001mm	Ratchet Stop	±.0001	**MT80293-343-30**	Price
3 - 4 / 76.2 - 101.6mm	.00005 / 0.001mm	Ratchet Thimble	±.00005	**MT80293-188-30**	Price

Mitutoyo Digimatic Micrometers

SERIES 293 MDC- Lite

- Carbide tipped measuring faces
- Uses (1) SR44 battery (included)
- Large LCD screen
- Resolution .00005” / 0.001mm
- No data output
- Supplied in fitted case
- Replacement battery order number is KA56357BP3



Measuring Range	Thimble Type	Order No.	Price
0 - 1 / 0 - 25.4mm	Friction Thimble	**MT80293-832-30**	Price
0 - 1 / 0 - 25.4mm	Ratchet Stop	**MT80293-831-30**	Price

Mitutoyo Quickmike

with Absolute Encoder



- Quick non-rotating spindle
- Absolute Encoder
- IP-54 protection resists water splash & shop floor contaminants
- SPC data output

Range (in./mm)	Resolution (in./mm)	Order No.	Price
0 - 1.2 / 0 - 30mm	.00005 / 0.001mm	**MT80293-676**	Price
1 - 2.2 / 25 - 55mm	.00005 / 0.001mm	**MT80293-677**	Price
2 - 3.2 / 50 - 80mm	.00005 / 0.001mm	**MT80293-678**	Price
3 - 4.2 / 75 - 105mm	.00005 / 0.001mm	**MT80293-679**	Price

Quickmike available up to 4.2”

Mitutoyo Coolant Proof Micrometer Sets

SERIES 293 — with Dust/Water Protection Conforming to IP65 Level



- SPC output
- Ratchet stop
- Carbide tipped measuring faces
- Resolution .00005” / 0.001mm
- SR44 batteries (included)
- Standards included for sizes over 1”
- Replacement battery order number is KA56357BP3

Measuring Range	Description	Order No.	Price
0 - 3 / 0 - 76.2mm	3 Pc. Set	**MT80293-960-30**	Price
0 - 4 / 0 - 101.6mm	4 Pc. Set	**MT80293-961-30**	Price

Mitutoyo QuantuMike Digital Outside Micrometers

- Resolution: 00005” / 0.001mm
- IP65 waterproof rated
- Quick acting spindle- 2X speed of standard spindle micrometers
- Ratchet thimble
- Carbide measuring
- Supplied with fitted plastic case and certificate of inspection







Measuring Range	Order No.	Price
0 - 1 / 0 - 25.4mm	**MT80293-185-30**	Price
1 - 2 / 25.4 - 50.8mm	**MT80293-186-30**	Price
2 - 3 / 50.8 - 76.2mm	**MT80293-187-30**	Price
3 - 4 / 76.2 - 101.6mm	**MT80293-188-30**	Price

Starrett Electronic Outside Micrometers

795 Series • SPC Output

- .00005" / 0.001mm Resolution
- Large LCD display
- Inch/mm conversion
- Carbide faces
- Satin chrome finish
- Balanced frame design
- Friction thimble shown



Starrett No.	Range	Thimble Type	Order No.	Price
S795.1BXFLZ	0 - 4 / 0 - 100mm	Friction	**MV7072535**	Price
795.1XFL-1	0 - 1 / 0 - 25mm	Friction	**MV7001100**	Price
795.1XFL-2	1 - 2 / 25 - 50mm	Friction	**MV7001101**	Price
795.1XFL-3	2 - 3 / 50 - 75mm	Friction	**MV7001102**	Price
795.1XFL-4	3 - 4 / 75 - 100mm	Friction	**MV7001103**	Price
795.1XRL-2	1 - 2 / 25 - 50mm	Ratchet	**MV7001109**	Price
795.1XRL-3	2 - 3 / 50 - 75mm	Ratchet	**MV7001110**	Price
795.1XRL-4	3 - 4 / 75 - 100mm	Ratchet	**MV7001111**	Price

Starrett Electronic Outside Micrometers

796 Series • No Output

- .00005" / 0.001mm Resolution
- Large LCD display
- Inch/mm conversion
- Carbide faces
- Satin chrome finish
- Balanced frame design
- Friction thimble shown



Starrett No.	Thimble Type	Range	Order No.	Price
796.1XFL-1	Friction	0 - 1 / 0 - 25mm	**MV7001104**	Price
796.1XFL-2	Friction	1 - 2 / 25 - 50mm	**MV7001105**	Price
796.1XFL-3	Friction	2 - 3 / 50 - 75mm	**MV7001106**	Price
796.1XFL-4	Friction	3 - 4 / 75 - 100mm	**MV7001107**	Price
796.1XRL-1	Ratchet	0 - 1 / 0 - 25mm	**MV7001116**	Price
796.1XRL-2	Ratchet	1 - 2 / 25 - 50mm	**MV7001117**	Price
796.1XRL-3	Ratchet	2 - 3 / 50 - 75mm	**MV7001118**	Price
796.1XRL-4	Ratchet	3 - 4 / 75 - 100mm	**MV7001119**	Price

Starrett 0 - 1" Electronic Micrometer

Model No. 3732XFL-1

New!

- Extra large digital display
- Automatic off after 30 minutes of non-use
- Smooth friction thimble for uniform pressure
- Micro-lapped carbide faced spindle and anvil
- Balanced frame for comfortable and accurate measuring
- Ring-type knurled lock nut for quick and sure locking
- Uses a single CR2032 3V battery
- Fitted plastic case



Measuring Range	Resolution	Accuracy	Order No.	Price
0 - 1 / 0 - 25.4mm	.00005 / 0.001mm	.0001 / .002mm	**MV7012268**	Price

Fowler Electronic Micrometers

Xtra Value II

XTRA-VALUE II

- Jet black, gray enamel finish
- Large LCD display
- Resolution: .00005"/0.001mm
- Direct RS 232 output
- Carbide measuring faces
- Absolute and incremental modes
- Ratchet thimble
- Includes shop hardened case



Range (in./mm)	Order No.	Price
0 - 1 / 0 - 25mm	**NA5554870001**	Price
0 - 3 / 0 - 75mm	**NA5554870103**	Price
1 - 2 / 25 - 50mm	**NA5554870002**	Price
2 - 3 / 50 - 75mm	**NA5554870003**	Price
3 - 4 / 75 - 100mm	**NA5554870004**	Price

Fowler Electronic Micrometers

- Direct RS232 output
- Carbide measuring faces
- Includes case and wrench
- Large LCD display, 8.5mm
- Absolute and incremental modes
- Standards included on sets and sizes over 1"



Range (in./mm)	Resolution (in./mm)	Order No.	Price
0 - 1 / 0 - 25mm	.00005 / 0.001mm	**NA5554860001**	Price
1 - 2 / 25 - 50mm	.00005 / 0.001mm	**NA5554860002**	Price
2 - 3 / 50 - 75mm	.00005 / 0.001mm	**NA5554860003**	Price
0 - 3 / 0 - 75mm Set	.00005 / 0.001mm	**NA5554860103**	Price

Fowler Fluid Resistant IP54 Micrometer

- Protected to IP54 specifications
- Range: 0-1"/0-25mm
- Rugged steel design
- Large LCD Display
- Absolute and incremental modes
- Automatic switch off
- Resolution: .00005"/0.001mm
- Direct RS232 output
- Carbide measuring faces
- Includes ball attachment



Also features .0001" graduations on sleeve



Order No.	Price
NA5554815001	Price

PRECHECK PREMIUM Indicating Micrometers

- Insulated frame, and satin chrome finish
- Micro-fine graduations
- Carbide anvil & spindle
- Plain thimble
- Retracting button conveniently located to operators hand
- Includes case
- 1 Year Warranty



Measuring Range	Graduation	Order No.	Price
0 - 1	.00005	**PC21IDM01005**	Price
1 - 2	.00005	**PC21IDM12005**	Price

PROCHECK Multi-Anvil Micrometers

- Friction thimble
- Carbide tipped spindle face
- Two interchangeable anvils — flat and rod anvil are furnished



Range (in.)	Graduation (in.)	Order No.	Price
0 - 1	.0001	**NB60MAM1**	Price
1 - 2	.0001	**NB60MAM2**	Price

Mitutoyo Multi-Anvil Micrometers

- Carbide tipped spindle face
- Furnished with 2 anvils — flat anvil (MT80201216) rod anvil (MT80201217)
- Sizes over 1" and 0-25mm supplied with standards
- Can be used as a height gage



Range (in./mm)	Graduation (in./mm)	Order No.	Price
0 - 1	.0001	**MT80117-107**	Price
1 - 2	.0001	**MT80117-108**	Price

Starrett Multi-Anvil Micrometer

MADE IN THE USA

0-1" Range

- Furnished with 2 anvils
- Can be used as a height gage
- Interchangeable anvils for measuring tube or cylindrical walls
- Satin chrome finish, no glare and resists rust



Starrett No.	Graduation (in.)	Thimble	Face	Order No.	Price
220XFL-1	.001	Friction	Carbide	**MV7050746**	Price

Packed one in a box.

Fowler EZ-Read Digit Counter Micrometer

- Friction thimble
- Anvil rod: .120" dia. × 1" long
- Carbide tipped spindle face
- Includes rod, flat anvil, allen key & wrench



Range (in.)	Graduation (in.)	Order No.	Price
0 - 1	.0001	**NA5552252211**	Price

PROCHECK Tubing Micrometers

- .0001" Graduation
- Ratchet stop
- Carbide tipped spindle
- Laser engraved graduations
- Enamel frame



Range (in.)	Dia. of Anvil (in.)	Order No.	Price
0 - 1	.07	**NB60CTM107**	Price
0 - 1	.19	**NB60CTM119**	Price
1 - 2	.19	**NB60CTM219**	Price

Mitutoyo Tubing Micrometers

- Ratchet thimble
- Spindle lock



Range	Graduation	Anvil	Order No.	Price
0 - 1	.0001	.187	**MT80115-313**	Price
0 - 1	.0001	.315	**MT80115-314**	Price
0 - 25mm	0.01mm	3.5mm	**MT80115-308**	Price

Starrett Tubing Micrometer

MADE IN THE USA

- Plain thimble
- Black enamel frame
- Satin chrome finish on sleeve and thimble
- Convenient decimal equivalents



Starrett No.	Range (in.)	Graduation (in.)	Order No.	Price
569AXP	0 - 1	.001	**MV7066437**	Price

Special anvils can also be furnished — Prices on application
Case Only - MV7055397 Call for pricing

PROCHECK Ball Micrometer

- .0001" Graduation
- Enamel frame
- Carbide tipped spherical anvils
- Ratchet stop
- Range: 0-1"



Order No.	Price
NB60C2BM1	Price

Mitutoyo Ball Anvil Micrometers

- Spherical anvil contacts the inside curved surface providing a single point contact and permitting accurate gaging of the wall thickness to .0001"
- Carbide tipped measuring faces (anvil and spindle)
- Ratchet thimble
- Spindle lock
- Meets or exceeds federal specifications



Range	Graduation	Anvil	Order No.	Price
0 - 1	.0001	Ball Anvil	**MT80115-153**	Price
0 - 1	.0001	Ball Anvil	**MT80295-153†**	Price
0 - 1	.0001	Ball Anvil and Spindle	**MT80115-253**	Price
0 - 1	.0001	Ball Anvil and Spindle	**MT80295-253†**	Price
0 - 25mm	0.01mm	Ball Anvil	**MT80115-115**	Price
0 - 25mm	0.01mm	Ball Anvil and Spindle	**MT80295-215†**	Price

† With digital counter

Fowler EZ-Read Digit Counter Ball Micrometer

- Anvil and spindle are hardened, ground and micro-lapped
- Single ball anvil
- Meets federal accuracy specifications
- Includes fitted case



Range (in.)	Graduation (in.)	Order No.	Price
0 - 1	.0001	**NA5552244601**	Price

Fowler Electronic Ball Spindle/Anvil Micrometers

- Water resistant to IP54 specifications
- Carbide anvil/spherical anvil .175" radius
- True inch/metric conversion
- Resolution: .00005"/0.001mm
- Large LCD display
- Direct RS232 output
- Supplied in fitted case



Range (in./mm)	Order No.	Price
0 - 1 / 0 - 25mm	**NA5554860211**	Price
1 - 2 / 25 - 50 mm	**NA5554860212**	Price

Mitutoyo Tubing Micrometers

IP65

Spherical Anvil Type

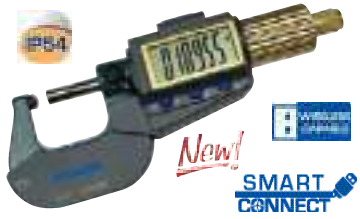
- SPC output
- Resolution .00005"/0.001
- Accuracy ±.0001"
- Instant in/mm conversion
- Preset capability
- Ratchet thimble
- Spindle lock
- Carbide tipped measuring faces
- Measurement hold – zero-set key
- Automatic power-off
- Complete with a battery, key spanner, fitted carrying case



Range (in./mm)	Remarks	Order No.	Price
0 - 1 / 0 - 25.4mm	Spherical anvil / flat spindle	**MT80395-351-30**	Price

PRECHECK PREMIUM Electronic IP54 Ball Anvil Micrometers

- Ball anvil/flat spindle for measuring tubes or the insides of holes to outer edges
- Protected to IP54 specifications
- Large LCD display, 8.5mm
- Automatic switch off
- Resolution: .00005" / .001mm
- Accuracy: .00016" / .004mm
- Hardened steel measuring face
- Absolute & incremental modes
- 1 Year Warranty



Measuring Range	Order No.	Price
0 - 1 / 0 - 25mm	**PC20EMSB01SMLI5**	Price
1 - 2 / 25.4 - 50.8mm	**PC20EMSB12SMLI5**	Price

PRECHECK V-Anvil Micrometers

- .001" Graduation
- Ratchet stop
- Laser engraved graduations
- Enamel frame



- 3 Flute		
Range (in.)	**Order No.**	**Price**
.2 - .8	**NB60CVM13**	Price
.8 - 1.4	**NB60CVM23**	Price
1.4 - 2	**NB60CVM33**	Price

- 5 Flute		
Range (in.)	**Order No.**	**Price**
.2 - 1	**NB60CVM15**	Price
1 - 1.8	**NB60CVM25**	Price
1.8 - 2.6	**NB60CVM35**	Price

PRECHECK PREMIUM Electronic IP54 Ball Anvil Micrometers with Ball Spindle

- Carbide measuring faces
- Water Resistant to IP54 specifications
- Resolution: .00005" / .001mm
- Accuracy: .0015" / .004mm
- True inch/metric conversion
- Direct RS232 output
- Large easy-to-read LCD display
- Includes case
- 1 Year Warranty



Measuring Range	Order No.	Price
0 - 1 / 0 - 25mm	**PC20EMDB01SMLI5**	Price
1 - 2 / 25.4 - 50.8mm	**PC20EMDB12SMLI5**	Price

Mitutoyo V-Anvil Micrometer

- Spindle lock
- Ratchet thimble
- Satin chrome frame and thimble
- Complete with fitted carrying case
- Measuring faces, spindle tip and V-anvil, are carbide faced
- Supplied with setting standard



Range (in.)	Graduation	No. of Flutes	Order No.	Price
.093 - 1	.0001	3	**MT80114-202**	Price

TESA Ball Anvil Micrometers

- Measures wall thickness of tubing
- Resolution .00005"/0.001mm
- Preset absolute and differential models
- Automatic shut-off after 10 minutes



Range (in./mm)	Anvil	Order No.	Price
0 - 1.2 / 0 - 30mm	Ball Anvil Only	**MV4027433**	Price
0 - 1.2 / 0 - 30mm	Ball, Spindle and Anvil	**MV4027435**	Price

PROCHECK Blade Micrometers

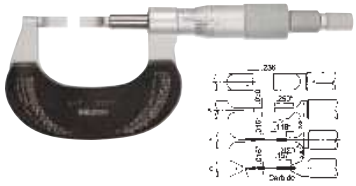
- .0001” Graduation
- Non-rotating spindle
- Laser engraved graduations
- Ratchet thimble
- Enamel frame



Range (in.)	Order No.	Price
0 - 1	**NB60CBM1**	Price
1 - 2	**NB60CBM2**	Price
2 - 3	**NB60CBM3**	Price

Mitutoyo Blade Type Micrometers

- Ratchet thimble
- Non-rotating spindle
- Sizes over 1” (25mm) supplied with standard
- Quick zero adjustment on sleeve
- Decimal equivalents marked on 1” models



Graduation - .0001			
Range (in.)	**Dimension**	**Order No.**	**Price**
0 - 1	A	**MT80122-125**	Price
0 - 1	B	**MT80122-135**	Price
0 - 1	C	**MT80122-151**	Price
1 - 2	A	**MT80122-126**	Price
2 - 3	A	**MT80122-127**	Price
3 - 4	A	**MT80122-128**	Price

Graduation - 0.01mm			
Range (in.)	**Dimension**	**Order No.**	**Price**
0 - 25mm	A	**MT80122-101**	Price

Starrett Blade Type Micrometers

USA

- Non-rotating spindle prevents blade turning
- Blades .030” thick measure to 5/16” depth
- Speeder on thimble
- Used to measure diameter and depth of grooves, slots, keyways, recesses, etc.
- .001” Graduation



Range (in.)	Starrett No.	Order No.	Price
0 - 1	486P-1	**MV7052499**	Price
1 - 2	486P-2	**MV7052501**	Price
2 - 3	486P-3	**MV7052503**	Price
3 - 4	486P-4	**MV7052505**	Price
4 - 5	486P-5	**MV7052507**	Price
5 - 6	486P-6	**MV7052509**	Price

Case sold separately

Starrett Micrometer Cases Only

Size (in./mm)	Order No.	Price
2”/50mm(Series 436) 1”/25mm(486)	**MV7055400**	Price
3”/75mm(Series 436) 2”/50mm(486)	**MV7055222**	Price
4”/100mm(Series 436) 3”/75mm(486)	**MV7055223**	Price
5”/125mm(Series 436) 4”/100mm(486)	**MV7055224**	Price
6”/150mm(Series 436) 5”/125mm(486)	**MV7055225**	Price
7”/175mm(Series 436) 6”/150mm(486)	**MV7055276**	Price

Fowler Electronic Blade Micrometer

- Water resistant to IP54 specifications
- True inch/metric conversion
- Range: 0-1”/25mm
- Resolution: .00005”/0.001mm
- Large LCD display
- Direct RS232 output
- Supplied in fitted case



Order No.	Price
NA5554860241	Price

PROCHECK Disc Micrometers

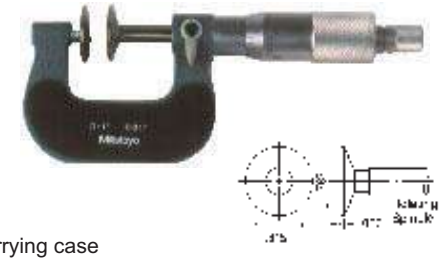
- .0001” Graduation
- Rotating spindle
- Disc for measuring gears and thickness of paper
- Ratchet stop



Range (in.)	Order No.	Price
0 - 1	**NB60CRDM1**	Price
1 - 2	**NB60CRDM2**	Price
2 - 3	**NB60CRDM3**	Price

Mitutoyo Disc Micrometers

- .030” Edge thickness
- Ratchet thimble
- Heat insulate grip
- Measuring discs are hardened and ground
- Disc .787” diameter
- Supplied with fitted carrying case



Range (in.)	Order No.	Price
0 - 1	**MT80123-125**	Price
1 - 2	**MT80123-126**	Price
2 - 3	**MT80123-127**	Price

Starrett Disc Micrometers

USA

- Ratchet thimble
- Spindle lock
- Disc - 1/2” diameter, 1/16” thick, and .015” edge thickness
- Satin-chrome finish on reading surface
- 0-1” Size useful to measure thickness of paper, rubber, plastic, etc.
- To take measurements on work sections such as ribs, lands, fins, cutting edge on forming tool and cordial thickness on gear teeth



Graduation - .001			
Range (in.)	**Starrett No.**	**Order No.**	**Price**
0 - 1	256RL-1	**MV7051236**	Price
1 - 2	256RL-2	**MV7055940**	Price
2 - 3	256RL-3	**MV7055941**	Price

Graduation - 0.01mm			
Range (in.)	**Starrett No.**	**Order No.**	**Price**
0 - 25mm	256MRL-25	**MV7051238**	Price
25 - 50mm	256MRL-50	**MV7055942**	Price
50 - 75mm	256MRL-75	**MV7055943**	Price

Case sold separately

Mitutoyo Electronic Rotating Spindle Disc Micrometer





- Range 0-1” / 0-25mm
- SPC output
- Ratchet thimble, spindle lock
- Resolution .00005” / 0.001mm
- Preset capability
- Instant in/mm conversion
- Measurement hold key
- Zero-set key
- Comes with a battery, spanner, case, manual and one year warranty
- Automatic power-off after two hours idle time

Order No.	Price
MT80323-350-30	Price

Fowler EZ Read Point Micrometers

Direct Reading to .0001”

- Anvil and spindle are hardened, ground and micro-lapped
- Accuracy: .00016”
- Graduation .0001”
- Complete with case



Range (in.)	Degree	Order No.	Price
0 - 1	15	**NA5552226661**	Price
0 - 1	60	**NA5552226641**	Price

Fowler Electronic Disc Micrometer

- Range 0-1”/0-25mm
- Protected to IP54 specifications
- Extra large disc .79” diameter with .035” edge thickness
- Non-rotating spindle
- True inch/metric conversion
- Resolution: .00005”/0.001mm
- Large LCD display
- Direct RS232 output
- Supplied in fitted case



Order No.	Price
NA5554860301	Price

PRECHECK Point Micrometers

- .0001” Graduation
- 30° Points
- Designed to measure the small recess
- Enamel frame
- Positive lever locking clamp



Range (in.)	Order No.	Price
0 - 1	**NB60CPM130**	Price
1 - 2	**NB60CPM230**	Price
2 - 3	**NB60CPM330**	Price

PRECHECK PREMIUM Point Anvil & Spindle Micrometers

- 30° pointed anvil and spindle for measuring small grooves, keyways, small flutes and hard to reach dimension
- Protected to IP54 specifications
- Large LCD Display, 8.5mm
- Automatic switch off
- Resolution: .00005” / .001mm
- Accuracy: .00016” / .004mm
- Carbide measuring faces
- Absolute & incremental mode
- 1 Year Warranty



Measuring Range	Order No.	Price
0 - 1 / 0 - 25mm	**PC20EMDP01SMLI5**	Price
1 - 2 / 25.4 - 50.8mm	**PC20EMDP12SMLI5**	Price

Fowler 0-1" EZ Read Digit Disc Micrometer

- Anvil and spindle are hardened, ground and micro-lapped
- Non-rotating spindle
- Meets or exceeds Federal accuracy specifications
- Disc diameter: .790”
- Flatness: .00004”
- Includes fitted case



Order No.	Price
NA5552250021	Price

Mitutoyo Digimatic Point Micrometers

- Ratchet thimble
- LCD display .00005”/0.001mm
- SPC output
- Measurement hold key and zero set key
- Instant in/mm conversion
- Carbide-tipped measuring faces
- Automatic power-off after 2 hours of idle time
- Comes complete with a battery, key spanner, fitted carrying case, manual, and one year warranty



Range (in.)	Degree	Order No.	Price
0 - 1 / 0 - 25mm	15	**MT80342-351-30**	Price
0 - 1 / 0 - 25mm	30	**MT80342-361-30**	Price

Flexbar Electronic Digital Deep Throat Micrometer



- Measurement range: 0-2.400”
- Maximum measuring depth: 3.3
- Resolution: .0005”/0.01mm
- Accuracy: .001”/0.02mm
- Inch/metric conversion
- Zero setting
- On/off buttons
- Fast sliding scale for quick measurements
- Easy to read large digital display
- Easy to hold - ergonomic finger grip
- Cast aluminum frame - rugged and lightweight
- Includes heavy duty molded plastic case

Order No.	Price
GG4515785	Price

Mitutoyo Point Micrometers

- For measurement of small grooves, key-ways and other hard-to-reach diameters
- Measuring points have approximately .012" radius
- Ratchet thimble
- Spindle lock
- Available with or without carbide tips



- With Carbide Measuring Points					
Range (in./mm)	Graduation	Deg	L (in.)	Order No.	Price
0 - 1	.001	15	.394	**MT80112-189**	Price
0 - 1	.001	30	.430	**MT80112-237**	Price
1 - 2	.001	30	.430	**MT80112-238**	Price

- Without Carbide Measuring Points					
Range (in./mm)	Graduation	Deg	L (in.)	Order No.	Price
0 - 1	.001	15	.394	**MT80112-177**	Price
0 - 1	.001	30	.430	**MT80142-225†**	Price
0 - 1	.001	30	.430	**MT80112-225**	Price
1 - 2	.001	15	.394	**MT80112-178**	Price
0 - 25mm	0.01mm	15	10mm	**MT80112-153**	Price
0 - 25mm	0.01mm	30	11mm	**MT80112-201**	Price

† With digital counter

PRECHECK Spline Micrometers

- .0001" Graduation
- .079" dia. × .197" long contact
- Enamel frame
- Carbide faces
- Ratchet stop



Range (in.)	Order No.	Price
0 - 1	**NB60CSM125**	Price
1 - 2	**NB60CSM225**	Price
2 - 3	**NB60CSM325**	Price

Fowler EZ Read Spline (Pin) Micrometers

Digit Counter Type

- Direct reading to .0001"
- Measure recesses, grooves and splines
- Precision ground measuring faces
- Pin size of .118" x 394" length
- Accuracy: .00016"
- Sizes over 1"/25mm include standards



Range (in.)	Order No.	Price
0 - 1	**NA5552218721**	Price
1 - 2	**NA5552218722**	Price

TESA | Brown & Sharpe Spline Micrometer

- For measuring grooves, feather grooves, splines and other difficult to reach measuring points
- Particularly suited for measuring small parts
- Resolution .00005" / 0.001mm



Range (in./mm)	Order No.	Price
0 - 1.2 / 0 - 30mm	**MV4027441**	Price

Mitutoyo Digimatic Spline Type Micrometers

- Resoultion .00005"/0.001mm
- SPC output
- Ratchet thimble
- Spindle lock
- Instant in/mm conversion
- Carbide tipped measuring faces
- Measurement hold key and zero-set key
- Automatic power-off after 2 hours idle time
- Each digimatic micrometer comes complete with a battery, key spanner, fitted carrying case, manual and one year warranty
- Connecting cable not included



Range (in./mm)	Spline Diameter	Order No.	Price
0 - 1 / 0 - 25.4mm	3mm (.120)	**MT80331-351-30**	Price
3 - 4 / 76.2 - 100.6mm	3mm (.120)	**MT80331-354**	Price

Starrett Electronic Screw Thread Comparator Micrometer

SPC Plus

- 60° conical anvil and spindle faces with 1/64" flats on the ends of the points (Will not measure pitch diameter)
- LCD readout
- Resolution .00005" / 0.001mm
- Satin chrome finish on thimble and sleeve, black wrinkle finish on frame
- Shift, hold and preset button
- Instant in/mm conversion
- Automatic off after 30 minutes of non-use



Range (in./mm)	Starrett No.	Order No.	Price
0 - 1 / 0 - 25mm	760FL	**MV7064051**	Price

PRO CHECK PREMIUM Point Spindle & Blade Anvil Micrometer

- 60° pointed spindle with blade anvil for grooves and hard to reach dimension
- Protected to IP54 specifications
- Large LCD dsiplay, 8.5mm
- Automatic switch off
- Resolution: .00005" / .001mm
- Accuracy: .000016" / .004mm
- Hardened steel measuring face
- Absolute & incremental modes
- 1 Year Warranty



Measuring Range	Order No.	Price
0 - 0.8	**PC20EMPB01SMLI5**	Price

Starrett Screw Thread Comparator Micrometer

- Ideal for quick comparisons of thread accuracy in screw cutting operations, measuring in small grooves or recesses where regular micrometers cannot be used (does not measure pitch diameter)
- Satin chrome finish
- Convenient decimal equivalents
- Conical anvil and spindle faces with 1/64" flats on points
- Case (MV7055397) sold separately



Range (in.)	Graduation	Starrett No.	Order No.	Price
0 - 7/8	.001	210AP	**MV7050731**	Price

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Starrett Tool & Instrument Oil

- Maximum protection and lubrication of measuring tools, precision instruments and light machinery
- Guard highly finished tools, parts, machine surfaces against rust



Order No.	Price
MV7053216	Price

Fowler EZ-Read Screw Thread Micrometers

- For measuring pitch diameters of 60° unified (UNF) threads from 64 to 3.5 TPI or .4 to 7MM
- Non-rotating spindle
- V-anvil and conical spindle made from high grade steel hardened and ground
- Complete set of thread anvils
- Available in metric for measurement of 60° metric unified thread



Range (in.)	Accuracy	Order No.	Price
0 - 1	.0001	**NA5552219091**	Price
1 - 2	.0001	**NA5552219092**	Price

Mitutoyo Screw Thread Micrometers

- For measuring pitch diameter
- Each anvil can be used for both metric and unified external threads
- 60° V-anvil and conical spindle
- Furnished complete with fitted carrying case
- Ratchet thimble
- Spindle lock





Anvil - Not Included- See note			
Range (in.)	Graduation	Order No.	Price
0 - 1	.001	**MT80126-137†**	Price
1 - 2	.001	**MT80126-138†**	Price
2 - 3	.001	**MT80126-139†**	Price

Anvil - Set included anvil MT80126-800			
Range (in.)	Graduation	Order No.	Price
0 - 1	.001	**MT80126-901**	Price
1 - 2	.001	**MT80126-902**	Price
2 - 3	.001	**MT80126-903**	Price
3 - 4	.001	**MT80126-904**	Price
4 - 5	.001	**MT80126-905**	Price
5 - 6	.001	**MT80126-906**	Price

†Must select at least one pair of anvils for micrometers without anvils (see below)

Mitutoyo Individual 60° Anvils

- Individual Micrometer Anvil Attachments			
TPI	Pitch (in./mm)	Order No.	Price
4.5 - 3.5	.217 - .275 / 5.5 - 7mm	**MT80126-806**	Price
8 - 5	.138 - .196 / 3.5 - 5mm	**MT80126-805**	Price
13 - 9	.079 - .118 / 2 - 3mm	**MT80126-804**	Price
24 - 14	.04 - .068 / 1 - 1.75mm	**MT80126-803**	Price
44 - 28	.024 - .035 / .6 - .9mm	**MT80126-802**	Price
64 - 48	.016 - .019 / .4 - .5mm	**MT80126-801**	Price

- Set of Micrometer Anvil Attachments			
TPI	Pitch (in./mm)	Order No.	Price
64 - 3.5	.016 - .275 / 0.4 - 7.0mm	**MT80126-800**	Price

PROCHECK Deep Throat Micrometers

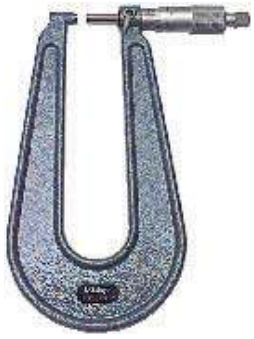
- .0001” Graduation
- Deep throat frame for measuring thickness of sheet metal, paper and sheet plastic
- 8” Throat depth
- Ratchet stop



Range (in.)	Order No.	Price
0 - 1	**NB60CDTM18**	Price
1 - 2	**NB60CDTM28**	Price

Mitutoyo Sheet Metal Micrometers

- Ratchet thimble
- Spindle lock
- Carbide measuring face
- Complete with fitted carrying case
- Clear graduations on satin-chrome finish
- Hammertone green, baked-enamel finished frame



Graduation - .0001			
Range (in.)	Throat Depth	Order No.	Price
0 - 1	6	**MT80118-129**	Price

Graduation - .001			
Range (in.)	Throat Depth	Order No.	Price
0 - 1	12	**MT80118-107**	Price

Mitutoyo Outside Micrometer with Interchangeable Anvils

- IP65 Water/dust protection
- Wide measuring range
- Ratchet stop for constant force
- Supplied with zero-setting standards bar for each range
- With SPC output
- Supplied in fitted wooden case

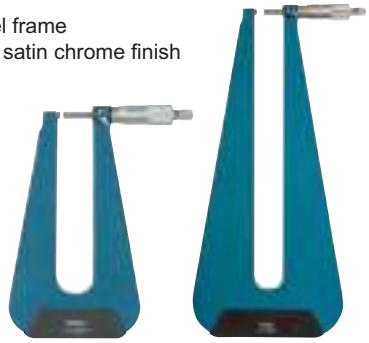


Range	Gratuation (in.)	Resolution (in./mm)	Order No.	Price
12 - 18 / 304.8 - 457.2mm	.001	.0001 / 0.001mm	**MT80340-720**	Price

Fowler Deep Throat Micrometers

- Hammertone blue baked enamel frame
- Microfine .0001” graduations on satin chrome finish
- Ratchet thimble
- Spindle thread is hardened, ground and lapped
- Anvil and spindle are hardened and precision ground
- Carbide-tipped .256” diameter measuring faces
- Flatness .00003”
- Parallelism: .00005”
- Includes case

New!



Range (in.)	Anvil	Throat Depth (in.)	Accuracy	Order No.	Price
0 - 1	Flat	6	.00016	**NA5552517611**	Price
0 - 1	Flat	11.875	.0002	**NA5552517612**	Price

PROCHECK Interchangeable Anvil Outside Micrometers

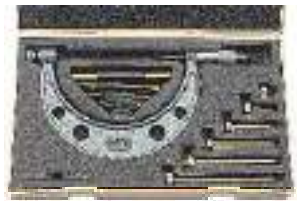
- .001” Graduation
- Ratchet stop and lock nut
- High accuracy interchangeable anvils
- Carbide measuring faces
- Enamel frame
- With standard fitted case



Range (in.)	Order No.	Price
0 - 6	**NB60CIAM6**	Price
6 - 12	**NB60CIAM12**	Price
12 - 16	**NB60CIAM16**	Price
16 - 20	**NB60CIAM20**	Price

Mitutoyo Interchangeable Anvil Micrometers

- .315” Anvil diameter
- .250” (up to 12”) and .315” (over 12”) spindle diameter
- Carbide-tipped spindles
- Ratchet thimble
- Spindle lock
- Available up to 36 - 42” Range and in metric sizes



Graduation - .001		
Range (in./mm)	Order No.	Price
0 - 6	**MT80104-137**	Price
6 - 12	**MT80104-138**	Price
12 - 16	**MT80104-152**	Price
12 - 18	**MT80104-201**	Price
16 - 20	**MT80104-153**	Price
18 - 24	**MT80104-202**	Price
20 - 24	**MT80104-154**	Price
24 - 28	**MT80104-155**	Price
24 - 30	**MT80104-203**	Price

Fowler Interchangeable Anvil Micrometers

- Adjustable collar fitted on each anvil to set overall dimensions
- Spindle and thread are hard-ened and ground
- Supplied with 6 anvils
- Includes case, standards and wrench



Range (in.)	Accuracy	Order No.	Price
0 - 6	.00024	**NA5552401206**	Price
6 - 12	.00024	**NA5552401207**	Price

Fowler 7 Pc. Inside Micrometer Set

- Range:2” to 12”
- Graduations: .001”
- Tubular design
- Includes inside micrometer head with spindle lock and a series of coil spring pressure contact rods
- Satin chrome finish for easy reading
- Comes complete in case



Order No.	Price
NA5552243212	Price

PRECHECK 0-1" Universal Micrometer

- .0001” Graduation
- Non-rotating spindle
- Enamel frame
- Positive lever locking clamp
- Laser engraved graduations
- Ratchet friction thimble
- 7 Pairs of interchangeable anvils (flat, spherical, spline, disc, blade, point and knife-edge) for a wide range of applications



Order No.	Price
NB60CUM1	Price

PRECHECK Inside Micrometers

- Accuracy .0002”
- Satin chrome finish
- Hardened and ground faces
- Ratchet thimble, spindle lock
- Easily adjusted for side movement of jaw
- .0001” Graduation



Range (in.)	Order No.	Price
.2 - 1	**NB60ISM1**	Price
1 - 2	**NB60ISM2**	Price

Mitutoyo Inside Micrometers

- Satin-chrome finish
- Ratchet thimble
- Spindle lock
- Carbide measuring faces
- .001” Graduation



Range (in.)	Order No.	Price
.2 - 1.2	**MT80145-193**	Price
1 - 2	**MT80145-194**	Price

Fowler Inside Micrometer

- Satin chrome finish on barrel and thimble
- Microfine graduations (.001” or 0.01mm) on a satin chrome finish permit easy reading
- Accuracy: ±.0002” (0.005mm)
- Ratchet stop thimble
- Easy zero adjustment on the sleeve
- Meets or exceeds Federal accuracy specifications
- Includes a setting ring
- Includes a spanner wrench and a fitted case



Standard Range

Range (in.)	Order No.	Price
.2 - 1 Standard	**NA55522750011**	Price
.2 - 2.2 Xtra Range	**NA5552275005**	Price

Fowler EZ Read Digital Inside Micrometers

- Threads and spindle are hardened and precision ground
- Measuring jaws and faces fully hardened and micro-lapped for accuracy
- Graduation: .0001”
- Includes fitted case



Range (in.)	Accuracy	Order No.	Price
.2 - 1.2	.00025	**NA5552275401**	Price
1 - 2	.00025	**NA5552275402**	Price

Mitutoyo Inside Caliper Type Digimatic Micrometers

- Resolution .00005”/0.001mm
- Preset, zero/ABS, data/hold, inch/mm, and SPC output
- Ratchet thimble and spindle lock
- Satin-chrome finish
- Supplied with spanner wrench and fitted carrying case
- .001” Graduation



Range (in.)	Order No.	Price
.2 - 1.2	**MT80345-350-30**	Price
1 - 2	**MT80345-351-30**	Price

Mitutoyo Hub Micrometer

- Shallow specially designed frame to clear through 3/4” diameter hole (1” model)
- Carbide measuring faces
- Ratchet thimble
- Satin chrome sleeve and thimble
- Fitted carrying case
- .001” Graduation



Range (in.)	Clearance	Order No.	Price
0 - 1	3/4	**MT80147-351**	Price
1 - 2	1	**MT80147-352**	Price
2 - 3	1	**MT80147-353**	Price

Fowler Electronic Inside Micrometer

- Water resistant to IP54 specifications
- True inch/metric conversion
- Resolution: .00005” / 0.001mm
- Measuring jaws and faces fully hardened and micro-lapped for accuracy
- Each gage includes appropriate setting ring
- Direct RS232 output
- Supplied in fitted case



Range (in.)	Order No.	Price
.2 - 1.2	**NA5554860275**	Price
1 - 2	**NA5554860276**	Price

Starrett Ball Attachments for Outside Micrometers



- Snaps on anvil of regular micrometers
- Hardened ball
- NOTE: the diameter (.200" English – 5mm metric) of each ball used must be subtracted from micrometer readings

Anvil Diameter (in./mm)	Starrett No.	Order No.	Price
.200	247C	**MV7051176**	Price
.235	247A	**MV7051174**	Price
.250	247D	**MV7051177**	Price
.270	247B	**MV7051175**	Price
.300	247E	**MV7051178**	Price
6mm	247MA	**MV7051179**	Price
6.8mm	247MB	**MV7051180**	Price

Mitutoyo Anvil Attachments for Outside Micrometers

- Use these attachments to convert regular micrometers to measure things such as cylindrical wall thickness, but .200" or .250" must be subtracted from the readings
- Other attachments shown here are .500" in length— the added amount must be subtracted from the reading
- Attaches to anvil with rubber caps



MT80101468 MT80208098 MT80208099 MT80208101 MT80208102

Anvil Dia. - .250			
Description	**Dimensions**	**Order No.**	**Price**
Ball Attachment	.200 diameter	**MT80101468**	Price
Blade Type	.029 thickness	**MT80208100**	Price
Comparator Type	.039 tip x 30 degrees	**MT80208099**	Price
Disc Type	.500 diameter	**MT80208102**	Price
Spline Type	.078 diameter	**MT80208098**	Price

Anvil Dia. - .315			
Description	**Dimensions**	**Order No.**	**Price**
Ball Attachment	.250 diameter	**MT80101469**	Price

PRO CHECK Individual Micrometer Anvil Attachments



- Each anvil is 1/2" long, ground and lapped on the measuring surface
- Comes with reinforced holding boot, and will fit on any 1 - 12" micrometer
- Fits .235", .250", and .270" spindles
- All anvils are hardended steel with black oxide plating
- Can also be used on 4", 6" & 8" calipers with use of NB75Z9050 caliper attachment
- Micrometer NOT included

Anvil Type	Dimensions	Order No.	Price
7-Pc Anvil Attachment Kit	-	**NB75Z9012**	Price
Ball Attachment	.200 diameter	**NB75Z9300**	Price
Blade Type	.300 thick	**NB75Z9306**	Price
Comparator	30 degrees	**NB75Z9302**	Price
Disc Type	.500 diameter face	**NB75Z9305**	Price
Knife	30 degrees	**NB75Z9301**	Price
Spline Type	.100 diameter face	**NB75Z9304**	Price
Super Spline	.050 diameter face	**NB75Z9303**	Price

Mitutoyo Micrometer Stand



- Enhances closer reading and more accuracy from hand-held measuring instruments
- Shown with optional micrometer

Order No.	Price
MT80156-101-10	Price

Fowler Magnetic Base Micrometer Stand

- Holds standard 0 - 12" micrometers firmly to metal surfaces
- V-bottom for mounting on cylindrical surfaces
- On/off magnet switch
- Blue enamel finish
- Base is 2.30" L x 1.20" W x 3.50" H
- Micrometer NOT included

XTRA MAG

X-SERIES



Order No.	Price
NA5552247010	Price

PRO CHECK Micrometer Stands

- Provides a desirable measuring position and angle for inside and outside micrometers and many other instruments
- Micrometer NOT included



NB60CMS4 NB64156101 NB64247000

Description	Order No.	Price
Compact-Folds Flat 3-1/8 W x 4-3/4 L x 1-3/4"	**NB60CMS4**	Price
Oblong Base	**NB64156101**	Price
Round Base	**NB64247000**	Price

TESA Micrometer Stand

Model Number 01.60201



- Clamp aperture is 16mm
- Lacquered cast iron base
- Tilt can be locked using a single bolt
- For micrometers up to 300mm as well as other hand-held tools

Order No.	Price
MV4539547	Price

PRECHECK Micrometer and Caliper Calibration Sets

- Caliper and micrometer checking set with stand, clamps and socket head wrench plus gage blocks for accurately calipers and micrometers
- Inch set includes 9 pc. grade 0 gage blocks plus (1) optical flat
- Metric set includes 10 pc. grade 0 gage blocks plus (1) optical flat



Description	Order No.	Price
Inch	**PC24CMCSI**	Price
Metric	**PC24CMCSM**	Price

PRECHECK Stand

- Stand only for micrometer and caliper setting kit



Order No.	Price
PC24CMCSD	Price

PRECHECK Clamp Block for Stand

- Clamp block only for micrometer and caliper setting kit





Order No.	Price
PC24CMCB	Price

Fowler 9 Pc. Micrometer Calibration Set

- Grade Ø steel gage blocks
- Assists in meeting both Federal specification GGG-C-105c and ISO 9000 requirements
- Contains one block of each of the following sizes: .0625, .100, .125, .200, .250, .300, .500, 1.000, & 2.000″
- Two optical flats that vary in size by .0125″
- Certification to NIST on each block and supplied with fitted wooden case
- Meets grade Ø specifications.



Material	Grade	Order No.	Price
Steel	0	**NA5553670002**	Price

MIKEMASTER 1" to 6" Range Micrometer Calibration Standard, 1" & 1/2" Step

- Hardened, stabilized, ground and lapped
- Calibrated, marked and accurate to ±.0001”
- Heavy gage polyethylene cover is included





Type	Order No.	Price
Mikemaster with 1 inch Steps	**MS81M1**	Price
Mikemaster with 1/2 inch Steps	**MS81M12**	Price

Available with certification. Call for price.

MIKEMASTER Micrometer Calibration Standard 1" to 12" Range, 1" Steps

- Accurate to ±.0001”
- Can be used for checking and setting both solid and mandrel-type outside micrometers
- Ground and lapped between centers
- Heavy gage polyethylene cover is included



Order No.	Price
MS81M12A	Price

Available with certification. Call for price.

MIKEMASTER 6" Depth Gage Master

- Check accuracy of dial depth gages and depth micrometers and proper seating of the rods
- Decimal steps are accurate to ±.0001”
- Range .500 to 5.500” in 1” increments



Order No.	Price
MS81D1	Price

12” Depth Gage Master Available
Available with certification. Call for price.

Mitutoyo 0-1/2" Plain Micrometer Head



Graduation (in.)	Stem Size (in.)	Order No.	Price
.001	3/8 x .37	**MT80148-112**	Price

Mitutoyo 0-1" Digital Micrometer Head

- Ratchet thimble
- Carbide face
- Spindle lock



Graduation (in.)	Stem Size (in.)	Order No.	Price
.0001	3/8 x .59	**MT80250-312**	Price

Starrett 0-2" Micrometer Head

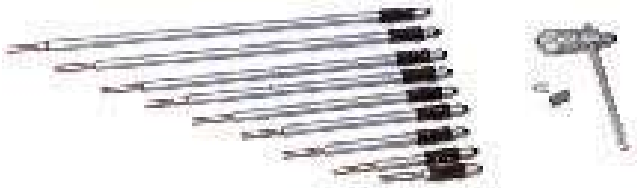
- Spindle lock



Graduation (in.)	Stem Size (in.)	Order No.	Price
.001	1/2 x 3/4	**MV7050306**	Price

Mitutoyo Interchangeable Rod Inside Micrometers

- Each interchangeable rod is marked with its measuring range
- Satin chrome finish throughout
- Positive locking clamp attached on MT80-141-101 and MT80-141-102 only
- Supplied with fitted carrying case
- Each set supplied with micrometer head



Graduation - .001						
Range (in.)	Head Travel (in.)	No. of Ext. Rods	Dia. of Rods (in.)	Spacing Collar (in.)	Order No.	Price
1 - 2	.250	2	.248	.250	**MT80141-102**	Price
2 - 8	.500	3	.248	.500	**MT80141-208**	Price
2 - 12	.500	5	.248	1	**MT80141-233**	Price
8 - 20	1	3	.355	1	**MT80141-121**	Price
8 - 40	1	8	.355	1	**MT80141-122**	Price

Graduation - .01mm						
Range (in.)	Head Travel (in.)	No. of Ext. Rods	Dia. of Rods (in.)	Spacing Collar (in.)	Order No.	Price
25 - 50mm	7mm	2	6.3mm	7mm	**MT80141-101**	Price
50 - 300mm	13mm	5	6.3mm	12mm	**MT80141-206**	Price

Mitutoyo Replacement Micrometer Heads



Head Travel (in.)	Used with Set No.	Order No.	Price
.250	141-102	**MT80141-002**	Price
.500	141-208 & 141-233	**MT80141-026**	Price

Starrett Inside Micrometers

- Solid measuring rods
- Hardened and ground anvils
- Complete with carrying case
- .001" Graduation

MADE IN THE USA



Range (in.)	Starrett No.	Order No.	Price
2 - 8	124AZ	**MV7050542**	Price
2 - 12	124BZ	**MV7050546**	Price
2 - 32	124DZ	**MV7050554**	Price
8 - 32	124CZ	**MV7050550**	Price

TESA Tubular Inside Micrometers

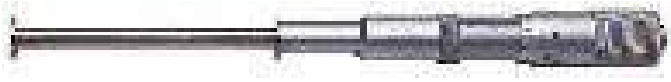
- Spindle lock
- Sizes marked on interchangeable extension rods
- Handle include
- Comes with fitt
- Satin-chrome f
- .001" Graduati



Range (in.)	Head Travel (in.)	No. of Ext. Rods	Spacing Collar Length (in.)	Order No.	Price
1-1/2 - 12-1/2	.500	10	.500	**MV4526004**	Price

Mitutoyo Groove Micrometers

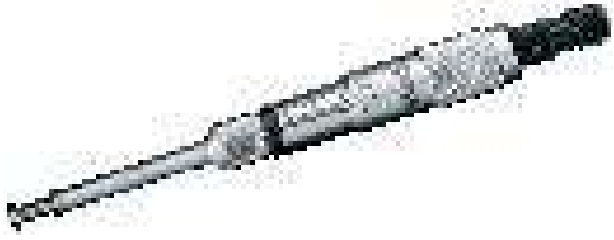
- Measures grooves, recesses and shoulders located inside the bore
- Measure from an edge to a land, or from shoulder to groove
- Discs are hardened and lapped
- Satin chrome finish



Graduation - .001				
Outside Range	Inside Range	Dia. of Meas. Face	Order No.	Price
0-1	0 - 1	.250	**MT80146-131**	Price
0-1	.055 - 1.05	.500	**MT80146-132**	Price

Starrett Groove Micrometer

- Graduated in .001" with reach of 1-5/8" max. hole depth
- Satin chrome finish with quick reading, staggered graduations
- Discs have 9/32" OD, .025" thick-hardened, ground and lapped
- For measuring either internal or external groove and lands
- .001" Graduation

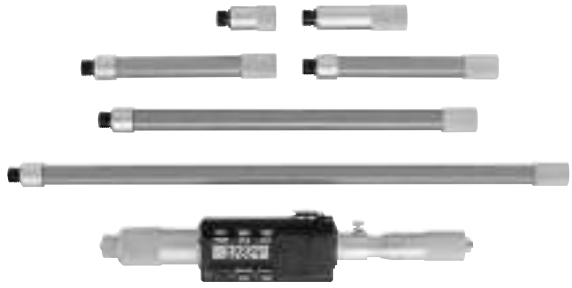


Range Groove Widths (in.)	Land Width (in.)	Starrett No.	Order No.	Price
.050 - 1.05	0 - 1	260Z	**MV7067987**	Price

Mitutoyo Electronic Tubular Inside Micrometers

Friction Type

- SPC output
- LCD display
- Hold Zero/ABS
- Inch/metric conversion
- Preset push-button
- Metal extension rods with their own internal standards
- Head travel 1”
- .0001”/0.001mm Resolution



Range (in.)	No. of Mics.	Order No.	Price
8-40 / 200-1000mm	1, 2, 4" (2pc), 8, 12"	**MT80337-303**	Price
8-40 / 200-1000mm	1, 2, 4, 8, 16"	**MT80339-303**	Price
8-80 / 200-2000mm	1, 2, 4, 8" (2pc) , 16" (3pc)	**MT80339-304**	Price

Mitutoyo Tubular Inside Micrometer Heavy Duty Type

- Accuracy .0007” up to 20” .001” up to 40” and .0014” up to 52”
- Head travel 1”
- Head graduation .001”
- Micrometer head 139-002 included in set



Range (in.)	Ext. Rods (Dia. 67)	Order No.	Price
4 - 52	1, 2, 4, 8, (2)16"	**MT80139-180**	Price

Mitutoyo Micrometer Head 139-002

Replacement Micrometer Head for Set No. MT80139-180



Order No.	Price
MT80139-002	Price

Starrett® Tubular Inside Micrometers

- 3/8” Diameter rods
- Interchangeable anvils
- Hardened and ground anvils
- Handle
- Complete with carrying case
- .001” Graduation

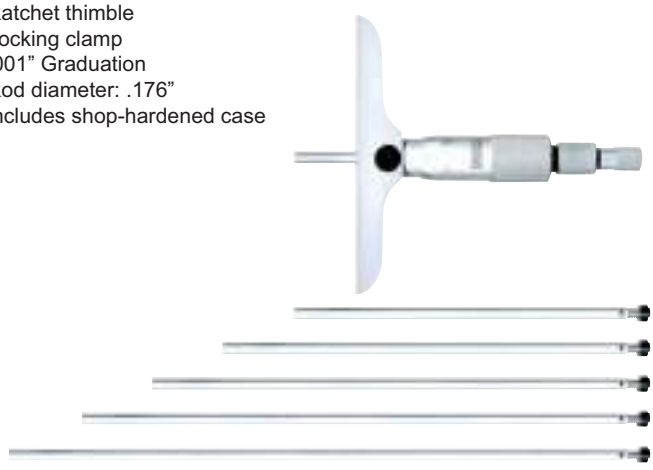
MADE IN THE USA



Range (in.)	Movement of Screws (in.)	Starrett No.	Order No.	Price
1-1/2 - 8	1/2	823AZ	**MV7053050**	Price
1-1/2 - 12	1/2	823BZ	**MV7053052**	Price
1-1/2 - 32	1/2 & 1	823FZ	**MV7053058**	Price
4 - 24	1	823CZ	**MV7053054**	Price
4 - 32	1	823DZ	**MV7053055**	Price
4 - 40	1	823EZ	**MV7053056**	Price

Fowler Economy Depth Micrometers

- Satin chrome finish
- Base surface hardened, ground and lapped
- Ratchet thimble
- Locking clamp
- .001” Graduation
- Rod diameter: .176”
- Includes shop-hardened case



Range (in.)	Base Length (in.)	Order No.	Price
0 - 4	2-1/2	**NA5552225110**	Price
0 - 4	4	**NA5552225114**	Price
0 - 6	2-1/2	**NA5552225112**	Price
0 - 6	4	**NA5552225116**	Price

PROCHECK Depth Micrometers

- Precision ground base
- Satin-chrome finish
- Ratchet thimble
- Fitted case and adjusting wrench
- .001” Graduation
- Bottom change rod



Range (in.)	Base Size (in.)	Order No.	Price
0 - 4	2-1/2	**NB60DM042**	Price
0 - 6	4	**NB60DM064**	Price

PROCHECK Premium Depth Micrometers

- Precision ground base
- Satin-chrome finish
- Ratchet thimble
- Fitted case and adjusting wrench
- .001” Graduation
- Top load interchangable rods



Range (in.)	No. of Rods	Base Length (in.)	Order No.	Price
0 - 4	4	2-1/2	**NB60DMT042**	Price
0 - 6	6	4	**NB60DMT064**	Price

PROCHECK ABSOLUTE 6" ABS Digital Caliper - Depth Type

- Absolute encoding technology - memorize
- Origin zero position
- Single frame depth base
- Data output port
- IP54 Protective rating
- Fitted case
- 1 Year Warranty

WIRELESS CAPABLE

ABSOLUTE CONNECT

IP54



Order No.	Price
PC20EC065DTAB	Price

PROCHECK 0-6" Mechanical Digit Depth Micrometer

- Easy-to-read digit counter and micro-fine .001” graduations
- Base constructed of tool steel, hard-ened and ground
- Satin chrome finish
- Ratchet thimble and locking clamp
- Rod diameter: .176”
- Includes wrench and fitted case
- 1 Year Warranty

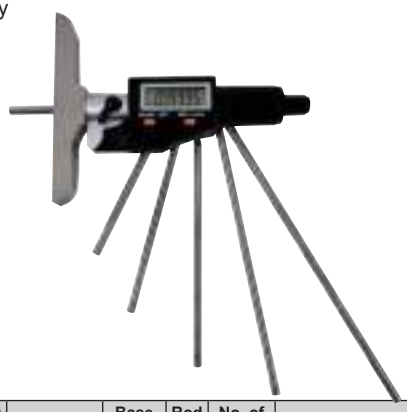


Measuring Range	Base Length	Rod Diameter	No. of Rods	Order No.	Price
0 - 6	4	1/8	6	**PC21MDDM060401**	Price

PROCHECK PREMIUM Electronic Depth Micrometers

- 4” Base: hardened tool steel, precision ground & micro lapped
- Ratchet thimble, spindle lock and automatic shutoff
- IP54 protection against water drop and dust
- IP65 protection against water spray and dust
- Supplied with storage case
- Replacement battery: KA56ECR2032
- 1 Year Warranty

IP54



Thimble Type	Measuring Range	Resolution	Base Length	Rod Dia.	No. of Rods	Order No.	Price
Ratchet	0 - 6 / 0 - 150mm	.00005 / 0.001mm	4	.176	6	**PC20EDM06405IP5**	Price

Mitutoyo Electronic Depth Micrometer

- SPC Output
- 0 - 6” / 0 - 152.4mm
- 4” Base
- .00005” / 0.001mm Resolution
- Preset capability
- Inch/metric conversion
- Measurement hold key
- Zero-Set key
- Locking clamp
- Auto power off after two hours idle time
- 40”/1m SPC cable MT8005CZA662, 80”/2m cable MT8005CZA663
- Complete with battery, key spanner, adjusting wrenches and manual
- Fitted carrying case



Order No.	Price
MT80329-350-30	Price

Mitutoyo Depth Micrometers

- Ratchet thimble
- Satin chrome finish
- Fitted carrying case
- Two wrenches supplied
- Spindle clamp on rear side of base
- .001” Graduation



Range (in.)	Base Length (in.)	Order No.	Price
0 - 4	2-1/2	**MT80129-127**	Price
0 - 4	4	**MT80129-131**	Price
0 - 6	2-1/2	**MT80129-128**	Price
0 - 6	4	**MT80129-132**	Price
0 - 12	4	**MT80129-150**	Price

Mitutoyo Half-Base Depth Micrometers

- Ratchet thimble
- Satin-chrome finish
- Fitted carrying case
- Spindle lock on rear side of base
- .001” Graduation



Range (in.)	Base Length (in.)	Order No.	Price
0 - 4	2	**MT80129-331**	Price
0 - 6	2	**MT80129-332**	Price

Fowler Light-Line Digital Depth Gages

- Light weight beam made of oxide coated aluminum with double inner prismatic guide ways
- Bases made of hard anodized aluminum
- Includes three base attachments: 150/300/450mm
- Includes two contact points
- Electronics feature on/off, floating zero and direct in/mm conversion
- 0.0005”/0.01mm resolution and repeatability
- Includes a fitted case, instructions, 2 spare base screws, 2 hex wrenches and test certifiate



Range (in/mm)	Order No.	Price
0 - 12 / 0 - 300mm	**NA55541360120**	Price
0 - 31 / 0 - 800mm	**NA55541360300**	Price

Fowler Economy Digit Counter Depth Micrometers

- Easy-to-read digit counter
- Microfine .001” graduations
- Base constructed of tool steel, hardened and ground
- Satin chrome finish
- Ratchet thimble
- Locking clamp
- Rod diameter: .176”
- Includes wrench and fitted case



Range (in.)	Base Length (in.)	Order No.	Price
0 - 6	2-1/2	**NA5552225176**	Price
0 - 6	4	**NA5552225226**	Price

Starrett Digital Micrometer Depth Gages

- Ratchet thimble
- Spindle lock
- Satin-chrome finish
- Supplied with carrying case and wrench

MADE IN THE USA



Graduation - .001				
Range (in./mm)	Starrett No.	Base Length (in.)	Order No.	Price
0 - 3	446AZ3RL	3	**MV7056288**	Price
0 - 6	446AZ6RL	3	**MV7056289**	Price

Graduation - .01mm				
Range (in./mm)	Starrett No.	Base Length (in.)	Order No.	Price
0 - 75mm	446MAZ75RL	3	**MV7056294**	Price
0 - 150mm	446MAZ150RL	3	**MV7056295**	Price

Fowler Light-Line Digital Depth Gages with Adjustable Base

- Light weight beam made of oxide coated aluminum
- Bases made of hard anodized aluminum
- Includes 1 base attachment 350mm (14")
- Includes two contact points (1 ball and 1 disk)
- Electronics feature on/off, floating zero and direct in/mm conversion
- 0.0005"/0.01mm resolution and repeatability
- Includes a fitted case, instructions, 2 base screws, 2 hex wrenches and test certifiate



Range (in/mm)	Order No.	Price
0 - 12 / 0 - 300mm	**NA55541365350**	Price
21 / 550mm Base	**NA55541366210**	Price
29.5 / 750mm Base	**NA55541366370**	Price

Starrett® Depth Micrometers

MADE IN THE USA

- Satin-chrome finish on sleeve and thimble
- Lock nut and ratchet thimble
- Carrying Case
- .001” Graduation



Thimble Type - Plain					
Range (in.)	Starrett No.	Base Length (in.)	Rod Dia. (in.)	Order No.	Price
0 - 3	440Z3L	2-1/2	1/8	**MV7052113**	Price
0 - 6	440Z6L	2-1/2	1/8	**MV7052117**	Price

Thimble Type - Ratchet					
Range (in.)	Starrett No.	Base Length (in.)	Rod Dia. (in.)	Order No.	Price
0 - 3	440Z3RL	2-1/2	1/8	**MV7052115**	Price
0 - 3	445AZ3RL	3	5/32	**MV7052208**	Price
0 - 3	445BZ3RL	4	5/32	**MV7052220**	Price
0 - 6	440Z6RL	2-1/2	1/8	**MV7052119**	Price
0 - 6	445AZ6RL	3	5/32	**MV7052212**	Price
0 - 6	445BZ6RL	4	5/32	**MV7052224**	Price
0 - 6	445DZ6RL	6	5/32	**MV7052248**	Price
0 - 9	445AZ9RL	3	5/32	**MV7052216**	Price
0 - 9	445BZ9RL	4	5/32	**MV7052228**	Price
0 - 9	445DZ9RL	6	5/32	**MV7052252**	Price

Starrett® Electronic Depth Gages

No. 3753B Series

- IP67 level of proctection
- Fine adjustment thumb roll for precision measurements
- Hardened stainless steel bar
- Lock to hold in slide position
- Induction type encoder system
- RS232 output
- Inch/mm conversion
- Zero at any position
- Automatic shutoff after 30 minutes of non-use
- Uses CR2032 battery
- .0005” / 0.01mm Resolution

New!



Range	Starrett No.	Order No.	Price
0 - 6 / 0 - 150mm	3753B-6/150	**MV7012690**	Price
0 - 8 / 0 - 200mm	3753B-8/200	**MV7012692**	Price
0 - 12 / 0 - 300mm	3753B-12/300	**MV7012694**	Price

Starrett® Depth Micrometers with 2" Half Base

- Ratchet thimble
- Satin-chrome finish

MADE IN THE USA

- Lock nut
- Carrying case
- .001” Graduation



Range (in.)	Starrett No.	Order No.	Price
0 - 6	443Z6RL	**MV7052173**	Price
0 - 9	443Z9RL	**MV7052175**	Price

TESA | Brown & Sharpe Depth Micrometers

- 1/8 Measuring rods
- Friction thimble
- Ring lock
- .001” Graduation



Range (in.)	Base Length (in.)	Order No.	Price
0 - 6	2-1/2	**MV4525625**	Price
0 - 6	4	**MV4525628**	Price
0 - 12	4	**MV4525629**	Price

Metric sizes available.

Starrett® Depth Micrometers with Non-Rotating Blades

- Satin-chrome finish on sleeve and thimble
- Lock nut
- Carrying case
- Combination ratchet and speeder
- Blade dimension .045 thick x 1/8” wide
- .001” Graduation

MADE IN THE USA

Range (in.)	Starrett No.	Base Size (in.)	Order No.	Price
0 - 3	449AZ3R	2-1/2	**MV7052318**	Price
0 - 6	449AZ6R	2-1/2	**MV7052320**	Price
0 - 6	449BZ6R	4	**MV7052324**	Price



Mitutoyo Electronic Depth Gages

- SPC output
- .0005”/0.01mm Resolution
- Linear scale is safely embedded in the hardened stainless steel blade
- Sliding LCD unit offers push button control for in/mm selection, absolute zero setting and turning on the display
- Automatic power-off after two hours idle time
- 40”/1m SPC cable MT80959149, 80”/2m MT80949150



Range (in./mm)	Order No.	Price
0 - 6 / 0-150mm	**MT80571-211-30**	Price
0 - 8 / 0-200mm	**MT80571-212-30**	Price
0 - 12 / 0 - 300mm	**MT80571-213-10**	Price

Mitutoyo Electronic Depth Micrometer

- SPC Output
- 0 - 6” / 0 - 152.4mm
- 4” Base
- .00005” / 0.001mm Resolution
- Preset capability
- Inch/metric conversion
- Measurement hold key
- Zero-Set key
- Locking clamp
- Auto power off after two hours idle time
- 40”/1m SPC cable MT8005CZA662, 80”/2m cable MT8005CZA663
- Complete with battery, key spanner, adjusting wrenches and manual
- Fitted carrying case



Order No.	Price
MT80329-350-30	Price

Fowler EZ-Read Digit Depth Micrometer

- Base construction: Hardened tool steel, precision ground and microlapped
- Spindles and threads are hardened, ground and microlapped
- Insulated steel frame
- Rods screw into head for positive hold
- Meets or exceeds Federal accuracy specifications
- Accuracy 0-6” set: ±.0002”
- Includes case



Range (in.)	Base Size (in.)	Graduation	Order No.	Price
0 - 4	2-1/2	.0001	**NA5552225264**	Price
0 - 6	4	.0001	**NA5552225278**	Price

Fowler IP54 Depth Micrometer

Coolant, Water & Oil Resistant

- Range:0-6”/150mm
- 4” Base: hardened tool steel, precision ground & microlapped
- Protected to IP54 standards
- Resolution:.00005”/0.001mm
- Direct RS232 output
- Automatic switch off
- Large LCD display



Order No.	Price
NA5554225456	Price

Fowler 0 - 1" Pocket Depth Gage

- Same features as above except 1”/25mm range

X-TREAD



Order No.	Price
NA5554225500	Price

Fowler 0-6" Depth Gage - Inch/Metric/Fraction

XTRA-VALUE

- Spring loaded and hold measurement button for ease-of-use
- Super large display
- Range: 0-6”/150mm
- Resolution: .0005”/0.01mm (fractions in 1/64” increments)
- Supplied in shop hardened case



Order No.	Price
NA5554225555	Price

PROCHECK PREMIUM 0-16" IP54 Origin Mini Depth Gage

SMART CONNECT

WIRELESS CAPABLE

- Absolute encoding technology - memorize
- Origin zero position
- Includes 5 interchangeable depth rods, 1, 2, 3, 4 and 5”, to extend the measuring depth to 16”
- 3-Reading functions: inch, metric & fractional
- Use as an indicator or depth gage
- Resolution: 0.0005” / .01mm / 1/128” indicator
- Travel: 1” Resolution: 0.0005” / .01mm / 1/128”
- Indicator travel: 1”
- 1 Year Warranty

IP54



Order No.	Price
PC20EDG016IMFAB	Price

Mitutoyo Vernier Depth Gages

- Clear graduation on satin-chrome finish
- Hardened stainless steel
- 4” Standard base
- Complete with fitted carrying case

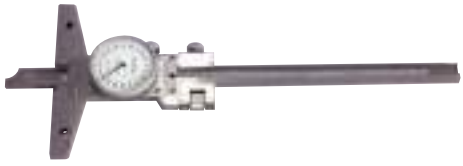


Graduation - .001		
Range	Order No.	Price
0 - 6	**MT80527-111**	Price
0 - 12	**MT80527-113**	Price

Graduation - .02mm		
Range	Order No.	Price
0 - 300mm	**MT80527-103**	Price

Mitutoyo Dial Depth Gages

- Dial reading in .001” or 0.05mm
- Made of hardened stainless steel
- Base surfaces are microlapped
- 4” Standard base size
- Fine-adjustment feature
- Complete with carrying case
- .001” Graduation



Range	Order No.	Price
0 - 6	**MT80527-311-50**	Price
0 - 12	**MT80527-313-50**	Price

Mitutoyo Dial Depth Gages

- Dial range 0-1”/0-10mm
- Inch complete with 1, 2 and 4” rods
- Metric complete with 10mm, 20mm, (2 pc) 30mm, 100mm rods
- Dial indicator included
- Complete with fitted carrying case



Graduation - 0-100			
Total Range	Base Length	Order No.	Price
0 - 8	4	**MT807218S**	Price

Graduation - .01mm			
Total Range	Base Length	Order No.	Price
0 - 200mm	100mm	**MT807212**	Price

BAKER Dial Depth Gage

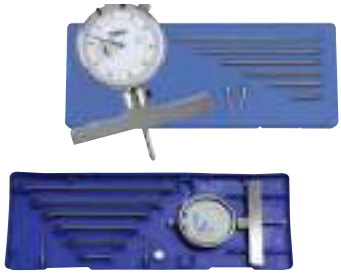
- 0 - 100 Reading
- .001” Graduation
- Range 0 - 10”
- Rapid measurement of bore depths
- Supplied with extension rods
- Complete with case



Order No.	Price
NB73K1581B	Price

Dial Depth Gage

- Range: 0-22”
- Indicator resolution: .0005”
- Base length: 4”
- Includes 10 attachments (6 extension rods and 4 feeler points)
- Protective case included
- Procheck 1 Year Warranty



Item	Order No.	Price
PROCHECK	**PC21DG0221BDF†**	Price
Fowler	**NA5552125006**	Price

Electronic Depth Gage

- Range: 0 - 22”
- Base length: 4”
- Includes 10 attachments (6 extension rods and 4 feeler points)
- Resolution: .0005” / 0.01mm / 1/128”
- Accuracy of indicator: +/- .0001”
- Protective case and battery included
- Procheck 1 Year Warranty



Item	Order No.	Price
PROCHECK	**PC20DG0225EI**	Price
Fowler	**NA5554125777**	Price

Fowler 0 - 22" Dial Depth Gage IP54

- Sealed bezel, top cap with dial bellows on stem
- Sealed back plate
- .001” Graduations
- 4” Base is ground and lapped for flatness
- Rods connect for 22” capacity
- Includes 2 extra points (spline & needle)
- Tolerance markers
- Shop-hardened case



Order No.	Price
NA5552125007	Price

GEM Easy-Check Dial Depth Gages

MADE IN THE USA

- 0-6” Range
- .001” Graduation
- .200 Dial travel
- 2-1/2” Base
- Top reading
- Ideal instrument for measuring hole depths from zero to six inches
- Checks flatness, depth, counterbores and grooves
- Both depth gages come with 2-.200 extensions, 1-.600 extensions, 1-2” extension and 1-3” extension



Style	Dial Reading	Order No.	Price
Quick Check Model	0-50-0	**ND50425†**	Price
Standard Reading Model	0-100	**ND50420**	Price

† For ± Readings, 0-50-0 Dial with ± .005 & ± .015 Quick Check Lines

PROCHECK 8" Vernier Depth Gage

- Range 8”
- .001” Graduation
- Hardened stainless steel
- Overall accuracy .001”
- 4” Base



Order No.	Price
NB60DC8	Price

GENERAL Depth/Angle Gage

- 32nds and 64th Graduation
- Hardened base 2-1/2” long and 1/8” wide
- Doubles as a protractor
- Etched in angles of 30°, 45° and 60°
- Fine adjustment and lockbolt



Order No.	Price
NE50444	Price

Depth/Angle Gage

MADE IN THE USA

- 32nds and 64th Graduation
- Hardened base 2-1/2″ long and 1/8″ wide
- Etched in angles of 30°, 45° and 60°
- Fine adjustment and lockbolt

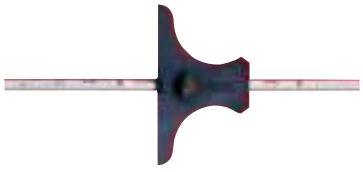


Order No.	Price
NB407004006	Price

Starrett 6" Rule Depth Gages

MADE IN THE USA

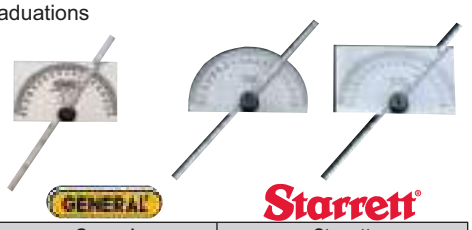
- Hardened base 1-1/2” long by 1/8” thick
- 6”/150mm tempered steel rule
- Graduated 32nds, 64ths and mm, 1/2mm



Range (.in/mm)	Order No.	Price
6	**MV7051080**	Price
150mm	**MV7051081**	Price

Protractors & Depth Gages

- 0 to 180° Graduation on head
- 6″ Rule with 1/64″ graduations
- Locknut



	General		Starrett	
Style	Order No.	Price	Order No.	Price
Rectangular Head	**NE5019**	Price	**MV7052534**	Price
Semi Circular Head	**-**	-	**MV7052532**	Price

PROCHECK Steel Protractor

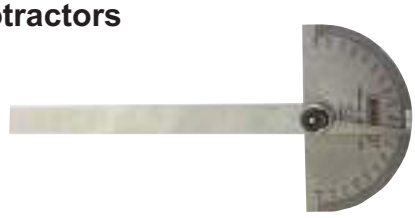
- 0 to 180° Graduation on head
- Adjustable 6″ blade and locknut



Order No.	Price
NE6017T	Price

GENERAL Steel Protractors

MADE IN THE USA



Style	Order No.	Price
Round Head	**NE5018**	Price
Square Head	**NE5017**	Price

†Satin chrome finish.

Starrett Steel Protractors

MADE IN THE USA

- 0 to 180° Graduation on head
- Rectangular head
- Adjustable 6” blade with lock nut



Description	Order No.	Price
Protractor Only	**MV7050672**	Price
Protractor with Letter of Certification	**MV7066930**	Price

Steel Protractors

MADE IN THE USA

- 0 to 180° Graduation on head
- Adjustable 6″ blade and locknut



Style	Description	Order No.	Price
Rectangular Head	Supplied with 6" Arm	**NB405170**	Price
Rectangular Head	Supplied with 6" Graduated Rule	**NB405190**	Price
Semi Circular Head	Supplied with 6" Arm	**NB405180**	Price

Multi-Use Rule & Gages

- Drill point gage for checking 59° angle drill points
- Bevel protractor
- Center finder for shafts or circles
- Circle divider (up to nine equal parts)
- Tap and drill table
- Made of stainless steel
- 4″ Rule graduated in 64ths & millimeters



Item	Order No.	Price
PROCHECK	**NE60DPG1**	Price
GENERAL	**NE5016ME**	Price

PROCHECK Electronic Calipers

- Inch / metric reading with direct conversion
- Resolution: .0005”/0.01mm
- Hardened stainless steel with precision lapped finish
- 4-Way measuring inside & outside measures
- Supplied with storage case
- Replacement battery: KA56ECR2032
- 1 Year Warranty

IP54



Measuring Range	Resolution	Jaw Depth	Order No.	Price
0 - 6 / 0 - 150mm	.0005" / 0.01mm	1-9/16	**PC20EC061505**	Price
0 - 6 / 0 - 150mm	.0005" / 0.01mm, 64ths	1-9/16	**PC20EC06150F**	Price
0 - 8 / 0 - 200mm	.0005" / 0.01mm	1-15/16	**PC20EC082005**	Price
0 - 12 / 0 - 300mm	.0005" / 0.01mm	2-1/2	**PC20EC123005**	Price

PROCHECK ABSOLUTE Electronic Calipers with Output

IP54

- Absolute encoding technology memorize origin zero
- .0005”/0.01mm Resolution
- Data output port (PC26DCBL5PIN USB/SPC kit optional)
- IP54 protection against water drops and dust
- Inside & outside measures
- Hardened stainless steel with precision lapped finish
- Replacement battery: KA56ECR2032
- 1 Year Warranty

WIRELESS CAPABLE

ABSOLUTE CONNECT



Measuring Range	Resolution	Jaw Depth	Order No.	Price
0 - 6 / 0 - 150mm	.0005" / 0.01mm	1-9/16	**PC20EC061505AB**	Price
0 - 8 / 0 - 200mm	.0005" / 0.01mm	1-15/16	**PC20EC082005AB**	Price
0 - 12 / 0 - 300mm	.0005" / 0.01mm	2-1/2	**PC20EC123005AB**	Price

PROCHECK PREMIUM 0 - 6" Electronic Caliper

IP67 Protection

- Inside & outside measures
- Hardened stainless steel with precision lapped finish
- Measuring Range: 0 - 6 / 0 - 150mm
- Resolution: .0005” / 0.01mm
- Replacement battery: KA56ECR2032
- 1 Year Warranty

IP67



Comments	Order No.	Price
IP67	**PC20EC061505I67**	Price
IP67 w/Bluetooth	**PC20EC061505I6W**	Price

PROCHECK ABSOLUTE 0 - 6" Digital Caliper & Depth Attachment

ABSOLUTE CONNECT

IP54

With Absolute Encoding Technology

USB CONNECT

- IP54 protection
- Resolution: .0005”/0.01mm
- Accuracy: .001”/0.02mm
- Caliper depth base attachment included
- 1 Year Warranty



Order No.	Price
PC20EC061505ABD	Price

PROCHECK Economy Electronic Calipers

- .0005”/0.01mm Resolution
- 3-Way measurement
- Inch/metric conversion
- Hardened stainless steel jaws and depth rod
- Floating zero for comparative measurements
- No SPC output

IP54



Range	Order No.	Price
0 - 6 / 0 - 150mm	**NB60EDC6**	Price
0 - 8 / 0 - 200mm	**NB60EDC8**	Price
0 - 12 / 0 - 300mm	**NB60EDC12**	Price

PROCHECK 6" Lite-Cal Electronic Caliper

- Range: 6” / 150mm
- Polycarbonate frame
- Large easy-to-read display
- Resolution: .0005” / .01mm (Fractions by 1/64” increments)
- Absolute / Incremental Measurement
- Direct inch / metric / fraction conversion
- 4-way measuring
- Accuracy: +/-.008”
- Supplied with clip-on vinyl pouch
- 1 Year Warranty

IP54



Order No.	Price
PC20EC06150FP	Price

PROCHECK PREMIUM Digital Calipers, X-Large LCD Display

- Easy read super large display 2-3/8 x 7/8”
- IP54 Splash water, oil and dust resistant
- Hardened stainless steel body with smooth travel
- Precision lapping finish
- 1 Year Warranty

IP54



Range (in.)	Order No.	Price
0 - 6	**PC20EC06150FI5L**	Price
0 - 8	**PC20EC08150FI5L**	Price
0 - 12	**PC20EC12150FI5L**	Price

Fowler Flip-Plus Electronic Calipers

- Display flips 180° with display rotation function for true left handed operation
- Can also be positioned for top viewing
- 4-way measuring - OD, ID, depth and step
- Stainless steel frame
- Thumbroll for smooth measuring
- Heavy duty frame is .140"/3.5mm thick
- Ddirect inch/metric conversion
- Floating zero
- Includes fitted case



Range	Resolution	Accuracy	Order No.	Price
0 - 12"/300mm	.00016" / 0.04mm	± 0.0012"/0.03mm	**NA5554200512**	Price
0 - 6"/150mm	.0005" / 0.01mm	± 0.0012"/0.03mm	**NA5554200506**	Price
0 - 8"/200mm	.0005" / 0.01mm	± 0.0012"/0.03mm	**NA5554200508**	Price

Fowler Electronic Caliper

- Direct inch/metric/fraction conversion
- .0005" / 0.01mm / 1/128" Resolution
- Dust, water and oil resistant to IP54 standards making it great for shop environments
- Heavy-duty frame
- Floating zero
- 14 x 52mm Display
- Combined thumbrest and thumbroll for fine adjustment
- Includes spare battery and fitted case



Order No.	Price
NA5554103006	Price

INSIZE Digital IP67 Caliper

- Measuring range 0 - 6 / 0- 150mm
- Resolution: .0005 / 0.01mm
- IP67 dust/waterproof
- Uses standard CR2032 battery
- Stainless steel construction
- Supplied with certification



Model No.	Order No.	Price
1118-150B	**SZ201118150B**	Price
1118-200B	**SZ201118200B**	Price
1118-300B	**SZ201118300B**	Price

INSIZE Digital Outside Calipers

- Battery CR2032
- Data output
- Made of stainless steel
- Supplied with certification



Range	Resolution	Model No.	Order No.	Price
0 - 6 / 0 - 150mm	.0005 / 0.01mm	1108-150	**SZ201108150**	Price
0 - 8 / 0 - 200mm	.0005 / 0.01mm	1108-200	**SZ201108200**	Price
0 - 12 / 0 - 300mm	.0005 / 0.01mm	1108-300	**SZ201108300**	Price

Fowler Euro-Cal IV Electronic Caliper

- Reads in inch, metric & fractions
- Resolution: .0005"/0.01mm (fractions in 1/64th increments)
- Direct inch/metric/fraction conversion
- Absolute incremental measurement
- Water resistant to IP54 standards
- Stainless steel frame
- 4-way measuring
- RS232 output
- Includes molded plastic case



Range	Order No.	Price
0 - 6 / 0- 150mm	**NA55541003301**	Price
0 - 8 / 0 - 200mm	**NA5554100331**	Price
0 - 12 / 0 - 300mm	**NA5554100332**	Price

INSIZE Digital Calipers

- Absolute and incremental measurement
- Take CR2032 battery
- Automatic power off
- Data output
- Stainless steel
- Fraction reading
- Supplied with certification



Range	Resolution	Model No.	Order No.	Price
0 - 6 / 0 - 150mm	.0005 / 0.01mm / 1/128th	1102-150	**SZ201102150**	Price
0 - 12 / 0 - 300mm	.0005 / 0.01mm / 1/128th	1102-300	**SZ201102300**	Price

Fowler IP67 Ultra-Cal V Electronic Calipers

- IP-67 rating coolant proof
- Hardened stainless steel construction
- 4 way measuring: ID, OD, depth and step (6 and 8" models)
- Resolution and repeatability: .0005"/0.01mm
- Accuracy: .001"/0.02mm
- Direct inch/metric conversion
- Absolute/relative and hold functions
- Direct RS-232 output
- Includes case
- Lifetime Warranty



- IP67 Coolant Proof				
Range	Accuracy	Fowler No.	Order No.	Price
0 - 6 / 0 - 150mm	.001"/0.02mm	54-100-067-1	**NA5554100067**	Price
0 - 8 / 0 - 200mm	.0012"	54-100-068-0	**NA5554100068**	Price
0 - 12 / 0 - 300mm	.0012"	54-100-069-0	**NA5554100069**	Price

- IP67 Coolant Proof-Bluetooth				
Range	Accuracy	Fowler No.	Order No.	Price
0 - 6 / 0 - 150mm	.0008"	54-100-167-0	**NA5554100167**	Price
0 - 8 / 0 - 200mm	.0012"	54-100-168-0	**NA5554100168**	Price
0 - 12 / 0 - 300mm	.0012"	54-100-169-0	**NA5554100169**	Price

Mitutoyo IP67 Digimatic Calipers

Coolant Proof

- ABS coolant-proof caliper with dust/water protection conforming to IP67 level
- Auto power off after 20 minutes of inactivity, but the ABS scale is unaffected and power is restored to the display when slider is moved
- Can be integrated into statistical process control and measurement systems
- Large LCD display



Resolution - .0005" / 0.01mm			
Measuring Range	**Comments**	**Order No.**	**Price**
0 - 6 / 0 - 150mm	without SPC	**MT80500-752-20**	Price
0 - 8 / 0 - 200mm	without SPC	**MT80500-753-20**	Price
0 - 12 / 0 - 300mm	without SPC	**MT80500-754-10**	Price
0 - 6 / 0 - 150mm	with SPC Output	**MT80500-762-20**	Price
0 - 8 / 0 - 200mm	with SPC Output	**MT80500-763-20**	Price
0 - 12 / 0 - 300mm	with SPC Output	**MT80500-764-10**	Price
0 - 6 / 0 - 150mm	without SPCw/ Depth Bar at 1.9mm	**MT80500-768-20**	Price
0 - 6 / 0 - 150mm	without SPCw/ Depth Bar at 1.9mm	**MT80500-769-20**	Price
0 - 6 / 0 - 150mm	without SPC w/CT jaws OD	**MT80500-731-20**	Price
0 - 8 / 0 - 200mm	without SPC w/CT jaws OD	**MT80500-732-20**	Price
0 - 6 / 0 - 150mm	without SPC w/CT jaws OD	**MT80500-733-20**	Price
0 - 8 / 0 - 200mm	without SPC w/CT jaws OD	**MT80500-734-20**	Price
0 - 6 / 0 - 150mm	with SPC and CT Jaws OD	**MT80500-735-20**	Price
0 - 8 / 0 - 200mm	with SPC and CT Jaws OD	**MT80500-736-20**	Price
0 - 6 / 0 - 150mm	with SPC and CT Jaws OD	**MT80500-737-20**	Price
0 - 8 / 0 - 200mm	with SPC and CT Jaws OD/ID	**MT80500-738-20**	Price

Resolution - 0.01mm			
Measuring Range	**Comments**	**Order No.**	**Price**
0 - 150mm	without SPC	**MT80500-702-20**	Price
0 - 200mm	without SPC	**MT80500-703-20**	Price
0 - 150mm	with SPC	**MT80500-712-20**	Price
0 - 200mm	with SPC	**MT80500-713-20**	Price
0 - 150mm	with SPC & Round depth bar	**MT80500-719-20**	Price
0 - 200mm	with SPC and CT Jaws for OD	**MT80500-722-20**	Price
0 - 150mm	with SPC and CT Jaws for OD/ID	**MT80500-723-20**	Price
0 - 200mm	with SPC and CT Jaws for OD/ID	**MT80500-724-20**	Price

Mitutoyo Solar Calipers

- Absolute encoder technology
- No battery needed
- Works in low lighting conditions above 60 luxes
- .0005" / 0.01mm resolution
- Certificate of inspection provided



MT80500-784 Shown

Range (in./mm)	**Remarks**	**Order No.**	**Price**
0 - 6 / 0 - 150mm	with SPC	**MT80500-786**	Price
0 - 6 / 0 - 150mm	without SPC	**MT80500-784**	Price
0 - 8 / 0 - 200mm	with SPC	**MT80500-787**	Price
0 - 8 / 0 - 200mm	without SPC	**MT80500-785**	Price

Mitutoyo SPC Connecting Cables with Data Out Switch

Length	**Order No.**	**Price**
40" / 1m	**MT8005CZA624**	Price
80" / 2m	**MT8005CZA625**	Price

TESA | Brown & Sharpe IP67 Electronic Calipers

- Perform inside, outside, depth and step measurements
- Instant inch/metric conversion
- Square shaped depth measuring rod
- Thumbwheel
- Absolute and differential measuring system
- Durable stainless steel frame
- Auto shut-off
- Battery life: approx. 2 years
- Power supply: 3V lithium-battery, type CR 2032



Range	**Resolution**	**Order No.**	**Price**
0 - 6 / 0 - 150mm	.0005" / 0.01mm	**MV4545601**	Price
0 - 8 / 0 - 200mm	.0005" / 0.01mm	**MV4545602**	Price
0 - 12 / 0 - 300mm	.0005" / 0.01mm	**MV4545603**	Price

TESA | Brown & Sharpe Twin-Cal Electronic Calipers

IP40 Level Protection



- Resolution .0005" / 0.01mm
- Swiss made quality and design
- Built-in TWIN-TLC wireless functionality (additional components required)
- Absolute and differential measuring system
- Stainless steel frame
- Large 7/16" LCD
- Auto shut-off
- Instant inch/metric conversion
- Depth rod is square (except MV4547473 which is round)
- Uses 3V lithium battery type CR2032 (included)

Model No.	**Range (in.)**	**Order No.**	**Price**
00590092	0 - 6 / 0 - 150mm	**MV4547473**	Price
00590093	0 - 6 / 0 - 150mm	**MV4547474**	Price
00590094	0 - 8 / 0 - 200mm	**MV4547475**	Price
00590095	0 - 12 / 0 - 300mm	**MV4547476**	Price

TESA | Brown & Sharpe Twin-Cal IP67 Electronic Caliper

- Resolution .0005" / 0.01mm
- More than 12,000 hours battery life (3 years)
- ABS measuring mode
- Unique TWIN & LINK wireless connectivity built into every TWIN-CAL caliper
- Stainless steel plate cover with PVD deposit ensuring an optimal protection of the housing



Measuring Range	**Order No.**	**Price**
0 - 6 / 0 - 150mm	**MV4547236**	Price
0 - 6 / 0 - 150mm	**MV4547237**	Price
0 - 8 / 0 - 200mm	**MV4547238**	Price
0 - 12 / 0 - 300mm	**MV4547239**	Price

Mitutoyo Digimatic Calipers

- Both an LCD display and an imprinted line scale
- Smaller models offer a convenient thumb wheel
- Stainless steel construction
- Linear scale embedded in epoxy
- Inside, outside, depth and step measurements
- Absolute scale
- Repeatability: .0005”
- LCD 5-digit display
- Response speed: unlimited
- Control switch: on/zero off, inch/metric, data/hold on 4”, 6”, 8” & 12” models



Comments - With Output				
Jaw Range (in./mm)	Remarks	Accuracy (in.)	Order No.	Price
0 - 24 / 0 - 600mm	-	+/-.002"	**MT80500-506-10**	Price
0 - 4 / 0 - 100mm	.075" Round depth bar	±.001"	**MT80500-170-30**	Price
0 - 6 / 0 - 150mm	-	±.001"	**MT80500-171-30**	Price
0 - 6 / 0 - 150mm	With OD Carbide Jaw	±.001"	**MT80500-174-30**	Price
0 - 6 / 0 - 150mm	OD, ID Carbide Jaw	±.001"	**MT80500-175-30**	Price
0 - 8 / 0 - 200mm	With OD Carbide Jaw	±.001"	**MT80500-176-30**	Price
0 - 8 / 0 - 200mm	OD, ID Carbide Jaw	±.001"	**MT80500-177-30**	Price
0 - 8 / 0 - 200mm	Standard	±.001"	**MT80500-172-30**	Price
0 - 12 / 0 - 300mm	Standard	±.0015"	**MT80500-173**	Price
0 - 40 / 0 - 1000mm	Without Thumb Roller	+/-.003"	**MT80500-507-10**	Price

Comments - Without Output				
Jaw Range (in./mm)	Remarks	Accuracy (in.)	Order No.	Price
0 - 4 / 0 - 100mm	Standard, Round .075" Depth Bar	±.001"	**MT80500-195-30**	Price
0 - 6 / 0 - 150mm	OD, ID Carbide Tipped Jaw	±.001"	**MT80500-160-30**	Price
0 - 6 / 0 - 150mm	Standard	±.001"	**MT80500-196-30**	Price
0 - 8 / 0 - 200mm	Standard	±.001"	**MT80500-197-30**	Price
0 - 12 / 0 - 300mm	Standard	±.0015"	**MT80500-193**	Price

Mitutoyo Heavy Duty Digimatic Calipers with SPC Output



Range (in./mm)	Jaw Depth (in.)	Nib Width (in.)	Accuracy	Order No.	Price
0 - 8 / 0 - 200mm	60mm	-	±.001"	**MT80550-311-10**	Price
0 - 18 / 0 - 450mm	3.94	.500	±.002"	**MT80550-223-10**	Price
0 - 18 / 0 - 500mm	5.90	.500	±.0025"	**MT80551-224-10**	Price
0 - 24 / 0 - 600mm	3.94	.500	±.002"	**MT80550-225-10**	Price
0 - 40 / 0 - 1000mm	5.51	1	+/-.003"	**MT80550-227-10**	Price
0 - 40 / 0 - 1000mm	5.90	1	+/-.003"	**MT80551-227-10**	Price

Mitutoyo Mitutoyo SPC Connecting Cables with Data Out Switch

Length	Order No.	Price
40" / 1m	**MT8005CZA624**	Price
80" / 2m	**MT8005CZA625**	Price

PROCHECK PREMIUM Heavy Duty Electronic Long Range Calipers

- Resolution:.0005”/0.01mm
- Preset mode for outside and offset for inside jaws
- Inch / metric conversion and hold feature
- Data output port (USB/SPC kit optional)
- Supplied with storage case
- Replacement battery: KA56ECR2032
- 1 Year Warranty



Measuring Range	Resolution	Jaw Depth	Order No.	Price
0 - 24 / 0 - 600mm	.0005" / 0.01mm	4	**PC20EC246005HD**	Price
0 - 40 / 0 - 1000mm	.0005" / 0.01mm	6	**PC20EC4010005HD**	Price

Fowler Electronic Calipers

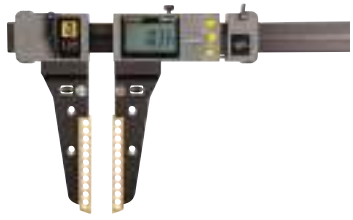
- RS232C Direct output
- Hold feature
- Preset mode now includes offset for inside jaws
- All sizes feature fine adjustment screw
- Resolution: .0005”/0.01mm
- Inch/metric conversion
- Includes wooden case



Range	Jaw Depth (in.)	Order No.	Price
0 - 12 / 0 - 300mm	3.5	**NA5554100312**	Price
0 - 24 / 0 - 600mm	4	**NA5554100024**	Price
0 - 40 / 0 - 1000mm	6	**NA5554100042**	Price

Fowler Ultralight IV Electronic Calipers

- Resolution .0005” / 0.01mm
- Built in bluetooth
- XXL display .79” in height
- Lengthened jaws 7.9” / 200mm
- Protected to IP67
- Moveable left jaw
- Stainless steel titanium coated jaws
- Hold feature
- Preset functions
- Min/max functions
- Tolerance mode
- Internal and external measurement indicator
- Twin guided main beam



Measuring Range	Fowler No.	Order No.	Price
0 -15 / 0 - 400mm	54-110-512-0	**NA5554110512**	Price
0 - 24 / 0 - 600mm	54-110-524-0	**NA5554110524**	Price
0 - 40 / 0 - 1000mm	54-110-540-0	**NA5554110540**	Price
0 - 60 / 0 - 1500mm	54-110-560-0	**NA5554110560**	Price
0 - 80 / 0 - 2000mm	54-110-580-0	**NA5554110580**	Price
Proximity USB Cable	54-115-526-0	**NA5554115526**	Price
Proximity Serial Cable	54-115-527-0	**NA5554115527**	Price

TESA Twin-Cal IP67 Caliper with Rotary Stop Plate



- Protects against dust and liquids, even when the cable is connected
- Unique TWIN connectivity concept, offering upgradeable performance across the Twin-Cal range

Range (in./mm)	Resolution	Order No.	Price
0 - 10 / 0 - 250mm	.0005" / 0.01mm	**MV4545632**	Price

TESA Twin-Cal IP67 Electronic Caliper with Short Cut Measuring Face



- Protects against dust and liquids, even when the cable is connected
- Unique TWIN connectivity concept, offering upgradeable performance across the Twin-Cal range

Range (in./mm)	Resolution	Order No.	Price
0 - 12 / 0 - 300mm	.0005" / 0.01mm	**MV4545617**	Price

TESA Twin-Cal IP67 Electronic Calipers with Rounded Measuring Faces



- Protects against dust and liquids, even when the cable is connected
- Unique TWIN connectivity concept, offering upgradeable performance across the Twin-Cal range

Range (in./mm)	Resolution	Comments	Order No.	Price
0 - 12 / 0 - 300mm	.0005" / 0.01mm	Rounded Measuring Face for Internal Dimensions	**MV4545642**	Price
0 - 12 / 0 - 300mm	.0005" / 0.01mm	Rounded Measuring Face with Knife Edge Jaws	**MV4545620**	Price

TESA IP67 Electronic Calipers



- Perform inside, outside, depth and step measurements
- Instant inch/metric conversion
- Square shaped depth measuring rod
- Thumbwheel
- Absolute and differential measuring system
- Durable stainless steel frame
- Auto shut-off
- Battery life: approx. 2 years
- Power supply: 3V lithium-battery, type CR 2032

Range	Resolution	Order No.	Price
0 - 6 / 0 - 150mm	.0005" / 0.01mm	**MV4545601**	Price
0 - 8 / 0 - 200mm	.0005" / 0.01mm	**MV4545602**	Price
0 - 12 / 0 - 300mm	.0005" / 0.01mm	**MV4545603**	Price

PROCHECK ABSOLUTE 6" ABS Digital Caliper - Tube Type



- Absolute encoding technology - memorize
- Origin zero position
- Single frame depth base
- Data output port
- IP54 Protective rating
- Fitted case
- 1 Year Warranty

Order No.	Price
PC20EC065TTAB	Price

PROCHECK ABSOLUTE 6" ABS Digital Caliper - Outside Slot



- Absolute encoding technology - memorize
- Origin zero position
- Outside measuring jaws
- Data output port
- IP54 Protective rating
- Fitted case
- 1 Year Warranty

Order No.	Price
PC20EC065OSTAB	Price

PROCHECK ABSOLUTE 6" ABS Digital Caliper - Inside Slot



- Absolute encoding technology - memorize
- Origin zero position
- Resolution: 0.0005" / 0.01mm
- Inside measuring jaws
- Data output port
- IP54 Protective rating
- Fitted case
- 1 Year Warranty

Order No.	Price
PC20EC065ISTAB	Price

Mitutoyo Digimatic Inside Caliper with SPC



- Specially designed for inside measurements in hard-to reach places
- With SPC data oupt
- Supplied in fitted plastic case

Range (in./mm)	Accuracy (in.)	Comments	Order No.	Price
.8 - 6 / 20 - 150	.0015	Point jaw type	**MT80573-746**	Price

Mitutoyo Electronic Special Jaw Calipers



- SPC output
- On/Zero/Off button
- Inch/metric conversion
- Data hold

Range (in./mm)	Type	Measurements	Order No.	Price
0 - 6 / 0 - 150mm	Blade Type	Narrow ID and OD, Depth, Step	**MT80573-734**	Price
0 - 6 / 0 - 150mm	Low Force	Grooves and recesses	**MT80573-752-20**	Price
0 - 6 / 0 - 150mm	Neck Type	Grooves and recesses	**MT80573-751**	Price
0 - 7 / 0 - 180mm	Low Force	Elastic or resilient workpieces such as plastic or rubber parts	**MT80573-291-20**	Price

†IP67 Rated

Fowler Light-Line Vernier Calipers



- Light weight beam made of oxide coated aluminum
- Stainless steel jaws, hardened and finely ground with knife edge top jaws 3.5"/90mm length
- Spare jaws can be modified and exchanged with statndard jaws for special applications
- Parallax free vernier scale for ease of reading
- High contrast white numbering on black anodized frame
- Inch and metric graduations 0.001"/0.05mm

Range (in/mm)	Comments	Order No.	Price
0 - 19 / 500mm	Accuracy .001"/0.03mm	**NA55520750180**	Price
0 - 35 / 900mm	Accuracy .0015"/.04mm	**NA55520750350**	Price
-	6" Replacement jaws	**NA55520751500**	Price

Fowler Poly-Cal™ 6"/150mm Electronic Caliper

Inch/Metric/Fraction



- Range 6”/150mm
- Polycarbonate Frame
- Large easy-to-read display
- Resolution .0005”/0.01mm, fractions by 1/64 increments
- Absolute/Incremental Measurement
- Direct inch/metric/fraction conversion
- 4 way measuring
- Accuracy +/-.008”
- Supplied with vinyl pouch

Order No.	Price
NA5554101175	Price

Fowler Electronic Calipers XTRA-VALUE CAL



- Stainless steel frame
- Large easy-to-read display
- Resolution: .0005”/0.01mm
- Direct inch/metric conversion
- Absolute/incremental measurement
- 4 way measuring
- Complete in case

Description (in./mm)	Order No.	Price
0 - 6 / 0 - 150mm	**NA55541011501**	Price
0 - 6 / 0 - 150mm w/Super Large Display	**NA55541016001**	Price
0 - 8 / 0 - 200mm	**NA5554101200**	Price
0 - 8 / 0 - 200mm w/Super Large Display	**NA5554101800**	Price
0 - 12 / 0 - 300mm	**NA55541013001**	Price
0 - 12 / 0 - 300mm w/Super Large Display	**NA55541019001**	Price

Fowler Electronic Calipers



- Patented ceramic capacitive sensor
- Direct inch/metric conversion
- Resolution: .0005”/0.01mm
- Accuracy: .001”/0.02mm
- Large easy-to-read display
- Includes shop-hardened case

Range (in./mm)	Order No.	Price
0 - 4 / 0 - 100mm	**NA5554100004**	Price
0 - 6 / 0 - 150mm	**NA5554100000**	Price
0 - 8 / 0 - 200mm	**NA5554100008**	Price
0 - 12 / 0 - 300mm	**NA5554100112**	Price

Fowler Ultra-Cal Mark IV Water Resistant Electronic Calipers



- Water resistant
- 4 way measuring
- Resolution: .0005”/0.01mm
- Repeatability: .0005”/0.01mm
- Direct inch/metric conversion
- Accuracy for 6” model: .001”/0.02mm
- Accuracy for 8 & 12” models: .0015”/0.03mm
- Large easy to read LCD display
- Direct RS232 output
- Includes shop-hardened case

Range (in./mm)	Order No.	Price
0 - 6 / 0 - 150mm	**NA5554100444**	Price
0 - 8 / 0 - 200mm	**NA5554100448**	Price
0 - 12 / 0 - 300mm	**NA5554100412**	Price

Fowler Water Resistant IP54 Electronic Caliper

Large Easy-To-Read LCD Display Patented Ceramic Chip

- Water resistant to IP54 specifications
- Patented ceramic capacitive sensor
- Stainless steel frame
- Direct inch/metric conversion
- Accuracy: .001”/0.02mm
- Resolution: .0005”/0.01mm
- Large easy to read LCD display
- 4-way measurement
- Includes molded case



Range (in./mm)	Order No.	Price
0 - 6 / 0 - 150mm	**NA5554100777**	Price
0 - 12 / 0 - 300mm	**NA5554100712**	Price

Starrett® No. 798B IP67 Electronic Digital Calipers

- Fine adjustment and slide lock
- Hardened stainless steel measuring surfaces
- .310” LCD display with .0005” / 0.01mm resolution
- Zero at any position
- Auto-off after 30 minutes
- Linear accuracy meets DIN862
- CR2032 3V battery



Range (in./mm)	Order No.	Price
0 - 6 / 0 - 150mm	**MV7012521**	Price
0 - 8 / 0 - 200mm	**MV7012523**	Price
0 - 12 / 0 - 300mm	**MV7012525**	Price

Starrett® No. EC799A & EC799B Basic Electronic Calipers

No SPC Output



- Resolution .0005” / 0.01mm
- Lightweight, ergonomic design
- Zero at any position
- Automatic shut-off after 30 minutes of non-use
- Last measuring position retained when shut off
- Hardened stainless steel body
- Integrated depth rod on all sizes
- Lock screw and fine adjustment thumb wheel
- With case

Measuring Range (in./mm)	Order No.	Price
0 - 12 / 0 - 300mm	**MV7000148**	Price
0 - 12 / 0 - 300mm	**MV7000149**	Price
0 - 12 / 0 - 300mm	**MV7000150†**	Price
0 - 6 / 0 - 150mm	**MV7000142**	Price
0 - 6 / 0 - 150mm	**MV7000143**	Price
0 - 6 / 0 - 150mm	**MV7000144†**	Price
0 - 6 / 0 - 150mm	**MV7072665†**	Price
0 - 8 / 0 - 200mm	**MV7000145**	Price
0 - 8 / 0 - 200mm	**MV7000146**	Price
0 - 8 / 0 - 200mm	**MV7000147†**	Price
0 - 8 / 0 - 200mm	**MV7072685†**	Price

† With standard letter of certification

PROCHECK Premier Shockproof Dial Calipers



- Tough, shockproof design
- .100" per revolution
- Covered rack
- Inside, outside, step & depth measurement
- Hardened stainless steel rack
- Supplied with storage case
- 1 Year Warranty

Measuring Range	Gradua-tion	Jaw Depth	Range Per Revolution	Dial Face Color	Order No.	Price
0 - 4	.001	1-9/16	0-100	White	**PC21DC04SP**	Price
0 - 6	.001	1-9/16	0-100	White	**PC21DC06SP**	Price
0 - 8	.001	1-15/16	0-100	White	**PC21DC08SP**	Price
0 - 12	.001	2-1/2	0-100	White	**PC21DC12SP**	Price

PROCHECK Stainless Steel Dial Calipers

- Covered rack for longer caliper life, keeps chips out
- Measuring face hardened stainless, ground and lapped
- Satin-chrome finish
- Complete with fitted case


NB60CDC6M1


NB60CDC6M2


NB60CDC6B


NB60CDC6

Range (in.)	Graduation	Remarks	Order No.	Price
0 - 4	.001	-	**NB60CDC4**	Price
0 - 6	.001	-	**NB60CDC6**	Price
0 - 6	.001	Carbide jaws	**NB60CDC6CJ**	Price
0 - 6	.001	Black Dial Face	**NB60CDC6B**	Price
0 - 6	.001	Inch dial with inch/ metric scale on rack	**NB60CDC6EM†**	Price
0 - 6 / 0 - 150mm	.001 / 0.02mm	Dual reading in/mm dial	**NB60CDC6M2**	Price
0 - 150mm	0.02mm	Metric only	**NB60CDC6M1**	Price
0 - 8	.001	-	**NB60CDC8**	Price
0 - 12	.001	-	**NB60CDC12**	Price

†Metric on scale only

PROCHECK Heavy Duty Dial Calipers



- Long range measurement of both outside and inside dimensions
- Covered rack
- Hardened stainless steel rack
- 1 Year Warranty

Measuring Range	Graduation	Jaw Depth	Range Per Revolution	Dial Face Color	Order No.	Price
18	.001	3-1/8	0-100	White	**PC21DC18HD**	Price
24	.001	4	0-100	White	**PC21DC24HD**	Price

PROCHECK 18" Heavy Duty Dial Caliper



- .001" Graduation
- 0-100 Dial reading
- 3-1/8" Deep jaws
- Inside and outside measurement on one set of jaws
- Covered rack
- Depth measuring rod

Order No.	Price
NB60CDC18	Price

Mitutoyo Dial Calipers



- Smooth sliding
- Shock protection
- Lock screw on bezel
- 6" and 8" main beam coated with titanium nitride
- +/- .002" Accuracy

Measuring Range	Gradua-tion	Range Per Revolution	Dial Face Color	Comments	Order No.	Price
0 - 6	.001	0.1	White	Carbide Jaw, OD	**MT80505-736**	Price
0 - 6	.001	0.1	White	Carbide Jaw, ID, OD	**MT80505-738**	Price
0 - 6	.001	0.2	White	-	**MT80505-740**	Price
0 - 6	.001	0.1	White	-	**MT80505-742**	Price
0 - 6	.001	0.1	Blue	-	**MT80505-742-51**	Price
0 - 6	.001	0.1	Purple	-	**MT80505-742-52**	Price
0 - 6	.001	0.1	Green	-	**MT80505-742-53**	Price
0 - 6	.001	0.1	Red	-	**MT80505-742-54**	Price
0 - 6	.001	0.1	Oran-ge	-	**MT80505-742-55**	Price
0 - 6	.001	0.1	Black	-	**MT80505-742-56**	Price
0 - 6	.001	0.2	White	Carbide Jaw, OD	**MT80505-744**	Price
0 - 8	.001	0.1	White	Carbide Jaw, OD	**MT80505-737**	Price
0 - 8	.001	0.1	White	Carbide Jaw, ID, OD	**MT80505-739**	Price
0 - 8	.001	0.2	White	-	**MT80505-741**	Price
0 - 8	.001	0.1	White	-	**MT80505-743**	Price
0 - 12	.001	0.1	White	-	**MT80505-746**	Price
0 - 12	.001	0.1	White	Carbide Jaw, OD	**MT80505-747**	Price
0 - 12	.001	0.1	White	Carbide Jaw, ID, OD	**MT80505-748**	Price
0 - 12	.001	0.2	White	-	**MT80505-749**	Price
0 - 12	.001	0.2	White	Carbide Jaw, OD	**MT80505-750**	Price
0 - 150mm	0.01mm	1mm	White	-	**MT80505-732**	Price
0 - 150mm	0.02mm	2mm	White	-	**MT80505-730**	Price
0 - 150mm	0.02mm	2mm	White	Carbide Jaw, OD	**MT80505-734**	Price
0 - 150mm	0.02mm	2mm	White	Carbide Jaw, ID, OD	**MT80505-735**	Price
0 - 200mm	0.01mm	1mm	White	-	**MT80505-733**	Price
0 - 200mm	0.02mm	2mm	White	-	**MT80505-731**	Price
0 - 300mm	0.02mm	2mm	White	-	**MT80505-745**	Price

Mitutoyo Quick Mini Snap Calipers

- Convenient snap-action pocket thickness gage
- LCD digital readout



Range (in.)	Order No.	Price
0 - 1/2	**MT80700-118-20**	Price

Fowler Snap Cal

- Ideal for measuring a wide range of materials from metal, plastics and glass to small wires, fibers and paper
- Range: 0-1.25" (31.5mm)
- Resolution: .0005" / .01mm / 1/64"
- Spring-loaded travel
- Wide faced flat jaw for easy positioning
- Dimension of fixed jaw: .470" x .900"
- Accuracy: .001" (0.02mm)
- Hardened stainless steel construction
- Large, high contrast LCD display
- Hanging loop included



Description	Order No.	Price
Snap Cal with Case	**NA5554550300**	Price

Starrett 3202 Series Dial Calipers

- Provides quick, accurate measurement of OD, ID and depth
- Graduation: .001”
- 100” per revolution
- White face
- Thumb operated fine adjustment roll
- Hardened stainless construction
- Includes plastic case



Range (in.)	Starrett No.	Order No.	Price
0 - 6	3202-6	**MV7061467**	Price
0 - 8	3202-8	**MV7061468**	Price
0 - 12	3202-12	**MV7061466**	Price

Starrett Premium Dial Calipers

MADE IN THE USA

- .100” Per revolution
- 5-Way measurement
- Thumb wheel
- Lock screw
- Adjustable dial
- Available in metric
- .001” Graduation
- 6” and 9” Models have covered rack depth rod
- Detachable depth rod available for 12” models, see chart below



- Caliper Depth Rod				
Range (in.)	Description	Starrett No.	Order No.	Price
12	-	PT26091	**MV7065100**	Price

- Dial Caliper				
Range (in.)	Description	Starrett No.	Order No.	Price
0 - 6	Black with Case	B120A-6	**MV7064515**	Price
0 - 6	Red with Case	R120A-6	**MV7064516**	Price
0 - 6	White with Case	120A-6	**MV7064514**	Price
0 - 9	White with Case	120AZ-9	**MV7064520**	Price
0 - 9	White without Case	120A-9	**MV7064517**	Price
0 - 12	White with 3" Jaws	120B-12	**MV7065067**	Price
0 - 12	White with Case	120Z-12	**MV7056693**	Price
0 - 12	White without Case	120-12	**MV7056694**	Price

- Dial Caliper With Standard Letter of Certification				
Range (in.)	Description	Starrett No.	Order No.	Price
0 - 6	Black with Case	B120A-6	**MV7066917**	Price
0 - 6	Red with Case	R120A-6	**MV7066918**	Price
0 - 6	White with Case	120A-6	**MV7066568**	Price
0 - 12	White with Case	120Z-12	**MV7066569**	Price
0 - 12	White without Case	120-12	**MV7066919**	Price

Fowler Dial Calipers

- .100” Per revolution
- .001” Dial graduations
- Covered rack
- 4-Way measurement, ID, OD, depth and step
- Hardened stainless steel rack
- Supplied in shop-hardened case



Range (in.)	Dial Face	Order No.	Price
0 - 6	Black	**NA5552008005**	Price
0 - 6	White	**NA5552008007**	Price
0 - 8	White	**NA5552008008**	Price
0 - 12	White	**NA5552008012**	Price
0 - 12	Black	**NA5552008013**	Price

Fowler Inch/Metric Dial Calipers

- Hardened stainless steel
- Measure inside, outside and depth
- Complete with fitted case
- Dial face reads in both inch and metric



Range (in./mm)	Order No.	Price
0 - 6 / 0 - 150mm	**NA5552030006**	Price
0 - 8 / 0 - 200mm	**NA5552030008**	Price
0 - 12 / 0 - 300mm	**NA5552030012**	Price

Fowler Shockproof Dial Calipers

- Tough, shockproof design
- .100” per revolution
- .001” dial graduations
- Covered rack
- 4-way measurement, ID, OD, depth and step
- Hardened stainless steel rack
- Supplied in shop-hardened case



Range (in.)	Dial Face	Order No.	Price
0 - 4	White	**NA5552008704**	Price
0 - 4	Black	**NA5552008714**	Price
0 - 6	White	**NA5552008706**	Price
0 - 6	Black	**NA5552008707**	Price
0 - 8	White	**NA5552008708**	Price
0 - 12	White	**NA5552008712**	Price

Fowler Dial Cal Plus

IP54

XTRA-VALUE Plus

- IP54 rated against fluid and debris
- Measuring range 0 - 6” / 0-150mm
- 4-Way measurement
- .100” Per revolution
- Thumbroll for fine adjustment
- Carriage lock screw
- 4mm Thick stainless steel frame
- Adjustable bezel with lock
- Includes fitted case



Range	Dial Face Color	Model No.	Order No.	Price
0 - 6	White	52-008-050	**NA5552008050**	Price
0 - 6	Black	52-008-051	**NA5552008051**	Price
0 - 150mm	White	52-008-052	**NA5552008052**	Price

TESA Dial-Cal Calipers

- Range per revolution .100”
- Adjustable zero set
- 1.25” Diameter rotating dial with lock
- Anti-backlash, shockproof design
- Measure four ways: inside, outside, depth and step
- .001” Graduation



Construction - Light Alloy Frame, Stainless Steel Jaws					
Range (in.)	Face Color	Jaw Length Ext. (in.)	Tool No.	Order No.	Price
0 - 12	Silver	2-1/2	599-579-12-1	**MV4527592**	Price

Construction - Satin Chrome Finish Stainless Steel					
Range (in.)	Face Color	Jaw Length Ext. (in.)	Tool No.	Order No.	Price
0 - 6	Black	1-1/2	599-579-5	**MV4551879**	Price
0 - 6	White	1-1/2	599-579-4	**MV4551774**	Price

Construction - Stainless Steel -Accurate to .00008 up to 100					
Range (in.)	Face Color	Jaw Length Ext. (in.)	Tool No.	Order No.	Price
0 - 6	White	1-1/2	00589020	**MV4547434**	Price
0 - 6	Black	1-1/2	00589021	**MV4547436**	Price
0 - 8	White	1.90	00589045	**MV4547437**	Price
0 - 12	White	2-1/2	00589046	**MV4547438**	Price

Construction - Stainless Steel Construction					
Range (in.)	Face Color	Jaw Length Ext. (in.)	Tool No.	Order No.	Price
0 - 8	Black	1.90	599-579-8-5-1	**MV4527593**	Price
0 - 8	White	1.90	599-579-8-1	**MV4527594**	Price

Fowler Heavy Duty Dial Calipers

- Graduations: .001”
- Large one-rev dial
- Depth rod
- Cross-jaws for direct internal measurement
- 4-way measurement
- Stainless steel, satin chrome finish
- Includes wood case



Range (in.)	Order No.	Price
0 - 8	**NA5552025108**	Price
0 - 12	**NA5552025112**	Price

Fowler Long Range Dial Calipers

- .100” Per revolution
- .001” Dial graduations
- Covered rack
- Depth rod
- Hardened stainless steel rack
- Supplied in shop-hardened case



Range (in.)	Dial Face	Order No.	Price
0 - 18	Black	**NA5552008018**	Price
0 - 24	Black	**NA5552008024**	Price

Fowler 4" Pocket-Cal Vernier Caliper

- Satin chrome finished stainless steel
- Dial graduation .001”
- Includes handy case
- Three-way measurement – inside, outside and depth



Order No.	Price
NA5552057004	Price

Mahr 6" Dial Caliper

- .001” Graduation
- Large, easy-to-read dial face
- Shockproof movement
- Set zero with rotating dial and locking screw
- Hardened stainless steel slide and beam



Order No.	Price
NA654107900	Price

INSIZE Dial Calipers

- Graduation .001”
- Shockproof dial
- Stainless steel
- Supplied with certification



Range (in.)	Model No.	Order No.	Price
0 - 6	1311-6	**SZ2013116**	Price

Fowler Master Vernier Calipers

- Machine engraved from master
- Slide type fine adjust thumbwheel
- Nib design measures both inside & outside dimensions
- Satin chrome finish for glare free reading
- Graduation: .001” / 0.02mm
- Price includes fitted case



Range (in./mm)	Graduation	Order No.	Price
0 - 12 / 0 - 300mm	.001 / 0.02mm	**NA5552085012**	Price
0 - 24 / 0 - 600mm	.001 / 0.02mm	**NA5552085024**	Price
0 - 40 / 0 - 1000mm	.001 / 0.02mm	**NA5552085040**	Price
0 - 60 / 0 - 1500mm	.001 / 0.02mm	**NA5552085060**	Price

Mitutoyo Heavy Duty Vernier Calipers

- Hardened stainless steel
- Ground and lapped for accuracy
- Satin chrome finished scale surface
- Easy wear adjustment of vernier scales
- Nib style jaws and fine adjustment



Range (in./mm)	Graduation	Depth of Jaw	Order No.	Price
0 - 12	.001	3-1/2	**MT80160-124**	Price
0 - 12 / 0 - 300mm	.001 / 0.02mm	3	**MT80160-125**	Price
0 - 18	.001	4	**MT80160-116**	Price
0 - 18 / 0 - 450mm	.001 / 0.02mm	4	**MT80160-119**	Price
0 - 24	.001	4	**MT80160-102**	Price
0 - 24 / 0 - 600mm	.001 / 0.02mm	4	**MT80160-103**	Price
0 - 40	.001	5-1/2	**MT80160-105**	Price
0 - 60	.001	7	**MT80160-111**	Price
0 - 1500mm	0.02mm	180mm	**MT80160-110**	Price
0 - 80	.001	7	**MT80160-114**	Price

Fowler Vernier Calipers

- Stainless steel with microfine black graduations
- .001”/0.02mm Graduations
- Satin chrome finish
- Depth rod on all models
- 4-Way jaws for outside, inside, depth and step measurements
- All sliding surfaces are raised to prevent defacement and wear of graduations
- Meets or exceeds US federal specifications for accuracy
- Includes case



Range	Jaw Depth	Comments	Fowler No.	Order No.	Price
0 - 6 / 0 - 150mm	1.6"	With Fine Adjustment	52-058-016-0	**NA5552058016**	Price
0 - 6 / 0 - 150mm	1.6"	With Thumb Lock	58-059-016-0	**NA5552059016**	Price
0 - 8 / 0 - 200mm	1.9"	With Fine Adjustment	52-058-008-0	**NA5552058008**	Price
0 - 12 / 0 - 300mm	1.9"	With Fine Adjustment	52-058-012	**NA5552058012**	Price

PROCHECK® Precision Vernier Calipers

- Hardened stainless steel
- Ground and lapped
- Satin chrome finish
- Jaws designed for outside, inside and thread measurement
- Micro-fine black graduation



Range (in.)	Upper Scale / Lower Scale	Order No.	Price
0 - 6 / 0 - 150mm	128ths / 0.05mm	**NB60HK6A**	Price
0 - 6 / 0 - 150mm	.001 / 0.02mm	**NB60HK6B**	Price
0 - 8 / 0 - 200mm	.001 / 0.02mm	**NB60HK8B**	Price

PROCHECK® Heavy Duty Vernier Calipers

- Open face design
- Ground and lapped
- Easy-to-read vernier scales
- Long jaws and fine adjustment
- Meets all Federal specifications



Range (in.)	Graduation	Depth of Jaw	Order No.	Price
0 - 12	.001 / 0.02mm	2.9	**NB60HK12C**	Price
0 - 18	.001 / 0.02mm	3-1/2	**NB60HK18C**	Price
0 - 24	.001 / 0.02mm	3.2	**NB60HK24C**	Price
0 - 40	.001 / 0.02mm	4-3/4	**NB60HK40C**	Price
0 - 60	.001 / 0.02mm	7-3/4	**NB60HK60C**	Price

Mitutoyo Precision Vernier Calipers

- Graduations photo engraved
- Hardened stainless steel throughout
- Satin-chrome finish
- Raised sliding surfaces with clear black engraving
- All measuring surfaces are ground and lapped



Features - Plain Type - Locking Screw			
Range (in./mm)	Vernier Reading Upper Scale / Lower Scale	Order No.	Price
0 - 6	128ths / .001	**MT80530-105**	Price
0 - 6 / 0 - 150mm	.001 / 0.02mm	**MT80530-312**	Price

Starrett® Master Vernier Calipers

MADE IN THE USA

- Satin chrome finish
- Wide space graduation
- Lock nut
- Screw-type adjusting nut
- Complete with fitted case



Range (in.)	Graduation	Bar Width (in.)	Specification	Starrett No.	Order No.	Price
0 - 6	.001	11/16	Non Certified	123Z-6	**MV7050524**	Price
0 - 6	.001	11/16	Standard Letter of Certification	123Z-6	**MV7066925**	Price
0 - 12	.001	15/16	Non Certified	123Z-12	**MV7050526**	Price
0 - 12	.001	15/16	Standard Letter of Certification	123Z-12	**MV7066927**	Price
0 - 24	.001	15/16	Non Certified	123Z-24	**MV7050528**	Price

Starrett® 125 Series Vernier Calipers

- High quality basic vernier caliper
- English and metric measurement
- Hardened stainless steel depth rod
- Lock screw for sliding jaw
- Graduation: .002" /0.02mm
- Sharp, black graduations on the satin finished bar

Global Series



Starrett No.	Description English/Metric	Order No.	Price
125MEA-6/150	0 - 6 / 0 - 150mm	**MV7061660**	Price
125MEA-8/200	0 - 8 / 0 - 200mm	**MV7061882**	Price
125MEA-12/300	0 - 12 / 0 - 300mm	**MV7061886**	Price

GENERAL® 4" Slide Caliper

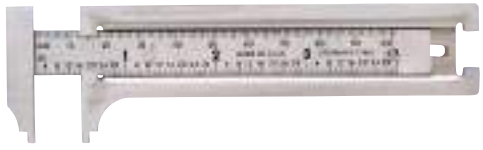
- Stainless steel caliper with inside and outside readings in 16ths and 32nds
- Decimal equivalents table on back
- 4" Capacity



Order No.	Price
NE50729	Price

GENERAL® Pocket Caliper

- Stainless steel slide caliper with inside and outside readings in metric and inches
- Decimal equivalents
- 3" Capacity



Order No.	Price
NE50132ME	Price

GENERAL® Plastic Dial Caliper

- Fractional conversion table
- 4-Way measuring
- Friction roller
- Reinforced plastic gives precision capabilities at an economical price
- Graduated in .01 and 64ths with inch and mm on bar scale



Range	Order No.	Price
0 - 6	**NE50142**	Price

PROCHECK Micrometer and Caliper Calibration Sets

Caliper and micrometer cehcking set with stand, clamps and socket head wrench plus gage blocks for accurately calipers and micrometers.

- Inch set includes 9 pc. grade 0 gage blocks plus (1) optical flat
- Metric set includes 10 pc. grade 0 gage blocks plus (1) optical flat



Description	Order No.	Price
Inch	**PC24CMCSI**	Price
Metric	**PC24CMCSM**	Price

PROCHECK Stand

- Stand only for micrometer and caliper setting kit



Order No.	Price
PC24CMCSD	Price

PROCHECK Clamp Block for Stand

- Clamp block only for micrometer and caliper setting kit





Order No.	Price
PC24CMCB	Price

PROCHECK Caliper Extender Attachment

- An economical attachment to extend the range of your 6” caliper
- Caliper NOT included



Extension Kit Size	Order No.	Price
26"	**NB75Z2526**	Price
36"	**NB75Z2536**	Price
51"	**NB75Z2551**	Price
71"	**NB75Z2571**	Price
91"	**NB75Z2591**	Price

PROCHECK Caliper Extender Accessories

Type	Order No.	Price
Centerline Gage Pins (Pair) for Calipers	**NB75Z2526CG**	Price

PROCHECK Caliper Anvil Attachment

- Converts micrometer anvil attachments for use on 4”, 6” or 8” calipers

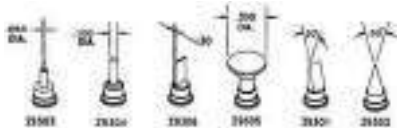


Order No.	Price
NB75Z9050	Price

PROCHECK Individual Micrometer Anvil Attachments

- Each anvil is 1/2” long, ground and lapped on the measuring surface
- Comes with reinforced holding boot, and will fit on any 1 - 12” micrometer
- Fits .235”, .250”, and .270” spindles
- All anvils are hardended steel with black oxide plating
- Can also be used on 4”, 6” & 8” calipers with use of NB75Z9050 caliper attachment
- Micrometer NOT included



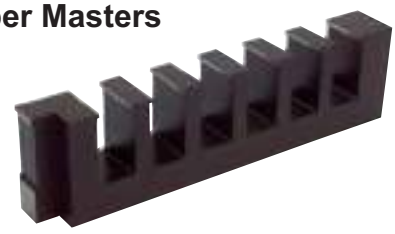


Anvil Type	Dimensions	Order No.	Price
Ball Attachment	.200 diameter	**NB75Z9300**	Price
Blade Type	.300 thick	**NB75Z9306**	Price
Comparator	30 degrees	**NB75Z9302**	Price
Disc Type	.500 diameter face	**NB75Z9305**	Price
Knife	30 degrees	**NB75Z9301**	Price
Spline Type	.100 diameter face	**NB75Z9304**	Price
Super Spline	.050 diameter face	**NB75Z9303**	Price
7-Pc Anvil Attachment Kit	-	**NB75Z9012**	Price

KALMASTER Caliper Masters

6” Caliper Master

- 12 Settings for checking inside and outside jaws and jaw frames
- All calibrations are accurate to ±.0001”
- Durable wood storage case included

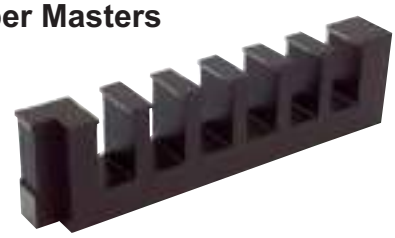


Order No.	Price
MS81K1	Price

KALMASTER Caliper Masters

12” Caliper Master

- 24 Settings for checking over a 12” range
- 0.6” range accurate to ±.0001”
- 7-12” range accurate to ±.0002”
- Durable wood storage case included



Order No.	Price
MS81K2	Price

PROCHECK Depth Base Attachment

- Turns any dial, vernier or electronic caliper into a depth measuring device
- Available in 2 sizes, to fit 4-6-8" and 12" calipers
- Screw locking clamp and ground base
- Caliper NOT included



Base Size	For Use With	Order No.	Price
3"	4, 6, & 8" Calipers	**NB75Z9225**	Price
4"	4, 6, & 8" Calipers	**NB75Z9226**	Price
5"	12" Calipers	**NB75Z9227**	Price

PROCHECK Caliper Depth Attachment

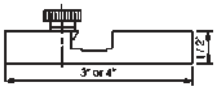
- Stainless steel
- Easy attachment with screw knob
- Fits caliper with upto 5/8" wide body
- Total span 2.93"



Order No.	Price
PC21CDA	Price

Mitutoyo Depth Base Attachment

- For 4", 6", 8" & 12" Mitutoyo vernier and dial calipers
- Choice of 3" or 4" base length for 6" & 8" models
- Finely ground base surface and secure locking clamp

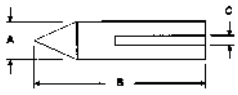




Size	For Use With	Order No.	Price
3"	4, 6, 8" / 100mm, 150mm, 200mm Calipers	**MT80050083-10**	Price
4"	4, 6, 8" / 100mm, 150mm, 200mm Calipers	**MT80050084-10**	Price
5"	12" / 300mm Calipers	**MT80050085-10**	Price

Mitutoyo Center Line Gage

- Pairs of conical probes are specially designed for dial and vernier calipers to quickly measure centerline distances
- Caliper NOT included





For Use With	Order No.	Price
12" Calipers	**MT80050018**	Price
4, 6, & 8" Calipers	**MT80050001**	Price

PROCHECK Caliper Clamp On Jaw Accessory Kit

- Turn your caliper into a versatile and accurate depth measurement device
- Attaches to any caliper jaw in seconds
- Thin probes in differing lengths can be used individually or in pairs to measure depths of grooves, blind holes, etc.
- Caliper NOT included





Description	For Use With	Order No.	Price
.1330 Max. Jaw Width (one)	6" Calipers	**NB75Z6958**	Price
.1860 Max. Jaw Width (one)	12" Calipers	**NB75Z6959**	Price
.1330 Max. Jaw Width (one)	18" Calipers	**NB75Z6983**	Price
Depth Probe, 3/4" Overall Length, .062 Shaft Diameter	All Jaw Clamps	**NB75Z6989**	Price
Depth Probe, 1" Overall Length, .062 Shaft Diameter	All Jaw Clamps	**NB75Z6985**	Price
Depth Probe, 1-1/2" Overall Length, .062 Shaft Diameter	All Jaw Clamps	**NB75Z6986**	Price
Depth Probe, 2" Overall Length, .062 Shaft Diameter	All Jaw Clamps	**NB75Z6987**	Price

Gage Ball Tips For Caliper Clamp on Jaw Accessories



Description	Order No.	Price
.0310 Steel ball tip on 4-48 stem	**NB75Z6931**	Price
.0460 Steel ball tip on 4-48 stem	**NB75Z6932**	Price
.0625 Steel ball tip on 4-48 stem	**NB75Z6933**	Price
.0780 Steel ball tip on 4-48 stem	**NB75Z6934**	Price
.0938 Steel ball tip on 4-48 stem	**NB75Z6935**	Price
.1250 Steel ball tip on 4-48 stem	**NB75Z6936**	Price
.1562 Steel ball tip on 4-48 stem	**NB75Z6937**	Price
.1875 Steel ball tip on 4-48 stem	**NB75Z6938**	Price
.2188 Steel ball tip on 4-48 stem	**NB75Z6939**	Price
.2500 Steel ball tip on 4-48 stem	**NB75Z6940**	Price
.2812 Steel ball tip on 4-48 stem	**NB75Z6941**	Price
.3125 Steel ball tip on 4-48 stem	**NB75Z6942**	Price
.3438 Steel ball tip on 4-48 stem	**NB75Z6943**	Price
.3750 Steel ball tip on 4-48 stem	**NB75Z6944**	Price
.4060 Steel ball tip on 4-48 stem	**NB75Z6945**	Price
.4370 Steel ball tip on 4-48 stem	**NB75Z6946**	Price
.4680 Steel ball tip on 4-48 stem	**NB75Z6947**	Price
.5000 Steel ball tip on 4-48 stem	**NB75Z6948**	Price
.5310 Steel ball tip on 4-48 stem	**NB75Z6950**	Price
.5625 Steel ball tip on 4-48 stem	**NB75Z6951**	Price
.5937 Steel ball tip on 4-48 stem	**NB75Z6952**	Price
.6250 Steel ball tip on 4-48 stem	**NB75Z6953**	Price
.6560 Steel ball tip on 4-48 stem	**NB75Z6954**	Price
.6870 Steel ball tip on 4-48 stem	**NB75Z6955**	Price
.7180 Steel ball tip on 4-48 stem	**NB75Z6956**	Price
.7500 Steel ball tip on 4-48 stem	**NB75Z6957**	Price
.7812 Steel ball gage tip 4-48 stem	**NB75Z7100**	Price
.8125 Steel ball gage tip 4-48 stem	**NB75Z7101**	Price
.8750 Steel ball gage tip 4-48 stem	**NB75Z7102**	Price
.9375 Steel ball gage tip 4-48 stem	**NB75Z7103**	Price
1.000 Steel ball gage tip 4-48 stem	**NB75Z7104**	Price
1.0625 Steel ball gage tip 4-48 stem	**NB75Z7105**	Price
1.1250 Steel ball gage tip 4-48 stem	**NB75Z7106**	Price
1.1875 Steel ball gage tip 4-48 stem	**NB75Z7107**	Price
1.2500 Steel ball gage tip 4-48 stem	**NB75Z7108**	Price

PROCHECK Centerline Gages

- Measures hole to hole centers quickly and easily
- Attaches to most 4-6-8” calipers
- 60° Conical points, hardened steel, black oxide plated
- Comes with all mounting hardware and instructions
- **Caliper NOT included**



Order No.	Price
NB75Z9009	Price

PROCHECK Universal Caliper Accessory Kit

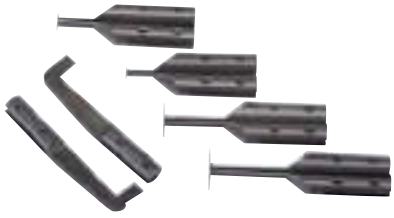
- Outfits any 4-6-8” caliper, and measures places otherwise impossible to reach
- Thousands of applications, installs in seconds
- Kit contains 2 caliper bodies, 1 pair contact points each in flat, conical, stem and ball end styles, set screws, wrench, and complete instructions
- Caliper NOT included



Order No.	Price
NB75Z9020	Price

PROCHECK Groove Measurement Caliper Jaws

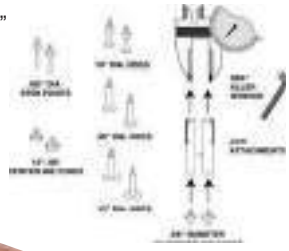
- Complete set of accessory jaws that fit on any 6” caliper
- Many applications, including undercuts, and grooves of all types
- Works with dial, vernier, and electronic calipers
- Measuring capacity from .200” to 6” in diameter
- Manufactured in the USA of cold rolled steel
- Black oxide finished for protection
- Sets come in fitted case
- Priced and sold per pair



Min. Measurement Dia.	Thickness of Measuring Tip	Max. Depth	Clearance from End of Tip to Jaw	Description	Order No.	Price
.200	.015	.400	.050	Groove Measurement	**NB75Z9510**	Price
.300	.015	.625	.070	Groove Measurement	**NB75Z9511**	Price
.600	.025	1.00	.200	Groove Measurement	**NB75Z9512**	Price
.725	.040	1.25	.255	Groove Measurement	**NB75Z9513**	Price
-	.024	3.00	.375	External Measurement	**NB75Z9514**	Price
Set of 3 Pairs-Max depth .400, .625, &1					**NB75Z9500**	Price
Set of 5 Pairs-Max depth .400, .625, 1, 1.25, & 3					**NB75Z9505**	Price

Centerline Plus Accessory Kit

Fits all Brown & Sharpe and competitive 6” dial, digital, and vernier calipers — jaw attachment slots are manufactured to .140”.



Features:

- Exclusive interchangeable centerline cones
- Measure places otherwise impossible to reach with a regular caliper — undercuts, grooves, webs, and shoulders
- Exclusive 4-48 threaded holes in accessory jaws allow the use of any AGD Standard point equipped with 4-48 threads — has virtually unlimited uses
- Long life — corrosion protection
- Permanent alignment



Item	Brand	Order No.	Price
	Brown & Sharpe	**MV4526908**	Price
Fowler	Fowler	**NA5552010100**	Price

Fowler Centerline Accessory Kit

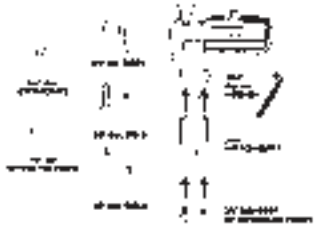
Xtra Value Electronic Caliper:

XTRA-VALUE CAL

- Range: 6”/150mm
- Resolution: .0005”/0.01mm
- Accuracy: .001”/0.02mm
- Absolute / incremental measurement
- True inch / metric conversion
- 4-Way measuring

Accessory Set:

- 6 Sets of interchangeable anvils
- Allows measurement of hard to reach places, including undercuts, grooves, webs and shoulders
- Corrosion resistant black oxide plating
- Includes fitted wooden case





Order No.	Price
NA5552010025	Price

Starrett® Miniature Dial Indicators

MADE IN THE USA

- 7/32” Diameter stem
- Low friction movement
- Adjustable bezel
- Balanced dial
- 1-17/64” Diameter dial face



Range (in.)	Stem Reading (in.)	Graduation	Order No.	Price
.050	.0005	0-10-0	**MV7055892**	Price
.100	.001	0-20-0	**MV7055893**	Price

Starrett® AGD 1 Dial Indicators

- 1-5/8” Diameter dial face
- Shockless hardened steel gear train
- Lug-on-center back
- Jewel bearing

MADE IN THE USA



Total Range (in.)	Graduation (in.)	Range One Rev. (in.)	Dial Reading	Order No.	Price
.025	.0001	.010	0-50-0	**MV7053378**	Price
.125	.001	.050	0-25-0	**MV7053410**	Price
.250	.001	.100	0-100	**MV7053428**	Price
.250	.001	.100	0-50-0	**MV7053400**	Price

Mahr Dial Indicator ANSI Group 0 Series A

- Where available space prohibits the use of a larger dial indicator
- Dial approximately 1-7/32” diameter
- Lug back
- 7/32” Diameter stem



Measuring Range	Graduation	Dial Style	Order No.	Price
.010	.0001	0-2-0	**NA65A12Q**	Price
.050	.0005	0-10-0	**NA65A3Q**	Price
.100	.001	0-20-0	**NA65A6Q**	Price

Mahr Small Shockproof Dial Indicators

- 0.01mm/.0005” Readings
- 3mm/.120” Measuring range
- 8mm Shank diameter
- 1-3/8” Dial diameter



Total Range (in./mm)	Order No.	Price
.120	**NA654324911**	Price
3mm	**NA654324100**	Price

Mitutoyo Series 1 Dial Indicators

- 1-5/8” Diameter face
- Vertically mounted lug on center back
- Ball type contact point



Total Range (in./mm)	Graduation (in./mm)	Range per/Rev. (in./mm)	Dial Face	Order No.	Price
.025	.0001	.010	0-5-0	**MT801803S-10**	Price
.050	.00025	.010	0-10-0	**MT801471S**	Price
.050	.00025	.010	0-20	**MT801470S**	Price
.100	.0005	.040	0-20-0	**MT801671S**	Price
.100	.0005	.040	0-40	**MT801670S**	Price
.125	.0005	.050	0-25-0	**MT801507S**	Price
.125	.0005	.050	0-50	**MT801506S**	Price
.125	.001	.050	0-25-0	**MT801781S**	Price
.125	.001	.050	0-50	**MT801780S**	Price
.250	.001	.100	0-100	**MT801410S**	Price
.250	.001	.100	0-50-0	**MT801411S**	Price
2.5mm	0.01mm	1mm	0-100	**MT801230S-01**	Price
2.5mm	0.01mm	1mm	0-50-0	**MT801231S-01**	Price
5mm	0.01mm	1mm	0-50-0	**MT801045S-01**	Price

CDI AGD 1 Dial Indicators with Certification

- Made in America since 1932
- One piece brass forged and chrome plated case
- Heat treated 416 stainless steel rack & gears

Included with each indicator:

- 4-position lug & flat back
- Long form cert., traceable to NIST



Total Range (in.)	Graduation (in.)	Range Per/Rev. (in.)	Dial Style	Order No.	Price
.025	.0001	.010	0-5-0	**MV6510251BJ**	Price
.075	.0005	.030	0-15-0	**MV6510753B**	Price
.125	.001	.050	0-25-0	**MV6511254B**	Price
.250	.001	.100	0-100	**MV6512504B**	Price

PROCHECK Dial Indicator

- 1/4” Range
- .001” Graduation
- 0-100 Reading
- Lug back
- Revolution counter
- AGD 1 style



Order No.	Price
NB70NDI6	Price

Mahr Dial Indicators ANSI/AGD Group 1, Series B

- Best suited for multiple unit fixtures or smaller gages
- Dial approximately 1-3/4” diameter with soft-green tint
- Lug back
- 3/8” Diameter stem
- 4-48 Thread contact point



Measuring Range	Graduation	Dial Style	Order No.	Price
.025	.0001	0-5-0	**NA6512I**	Price
.050	.0005	0-10-0	**NA65B3QRC**	Price
.050	.001	0-10-0	**NA65B3WRC**	Price
.075	.0005	0-15-0	**NA65B5MRC**	Price
.100	.0005	0-20-0	**NA65B6KRC**	Price
.125	.0005	0-25-0	**NA65B7IRC**	Price

PROCHECK AGD 2 Dial Indicators

- 2-1/4" Dial diameter
- Lug back
- Revolution counter
- Easy to read



Range (in.)	Dial Reading	Graduation (in.)	Face	Order No.	Price
.250	0-100	.001	White	**NB70NDI4**	Price
.500	0-100	.001	White	**NB70NDI2**	Price
1.0	0-100	.001	Black	**NB70NDIB**	Price
1.0	0-100	.001	White	**NB70NDI**	Price
1.0	0-50	.0005	White	**NB70NDI5**	Price
2.0	0-100	.001	White	**NB70NDI3**	Price

Fastech AGD 2 Dial Indicators

- 2-1/4" Diameter dial
- .001" Graduation
- 0-100 Dial reading
- Hard satin-chrome finish
- Easy read crisp graduations
- Hard chrome plated stem, precision ground and lapped
- Interchangeable hardened chrome point
- On center lug back
- Made In Japan



Range (in.)	Rev. Counter	Face	Order No.	Price
.250	No	White	**NB90AI905**	Price
.500	Yes	White	**NB90AI911**	Price
1.0	Yes	Black	**NB90AI921B**	Price
1.0	Yes	White	**NB90AI921**	Price
2.0	Yes	Black	**NB90AI951B**	Price
2.0	Yes	White	**NB90AI951**	Price

BAKER AGD Dial Indicators

- 2-1/4" Dial diameter (Except NB73JB76: 3-1/2" Dial Dia.)
- Fitted with brass bushing
- Tolerance pointers
- Forged brass case with satin chrome finish
- Lug back

ISO 9001



Range	Type	Graduation	Reading	Order No.	Price
.050	AGD 2	.0001	0-50-0	**NB73KB59**	Price
.250	AGD 2	.001	0-100	**NB73KB46**	Price
.500	AGD 2	.0005	0-25-0	**NB73KB53**	Price
.500	AGD 2	.0005	0-50	**NB73KB54**	Price
1.000	AGD 2	.001	0-100	**NB73KB50**	Price
2.000	AGD 3	.001	0-100	**NB73JB76**	Price

PROCHECK Premier 1" Travel Dial Indicators

- Range: 0 - 1"
- Indicator graduation .001 per line .100 per revolution
- 1/4" Lug back and 3/8" stem
- Flat back and carbide tip included
- 1 Year Warranty



Dial Face	Order No.	Price
Black	**PC21DI211BCT**	Price
White	**PC21DI211WCT**	Price

TESA / Brown & Sharpe AGD 2 Indicators

- 2-1/4" Diameter dial
- Lug back
- Balanced dial
- 3/8" Diameter stem



Total Travel (in.)	Dial Graduations	Travel per Rev. (in.)	Reading (in.)	Dial / Hand Color	Order No.	Price
.200	0-5-0	.010	.0001	Black / Orange	**MV4526859**	Price
1.0	0-100	.100	.001	Black	**MV4526863**	Price
1.0	0-100	.100	.001	White	**MV4526862**	Price

CDI AGD 2 Dial Indicators with Certification

- Made in America since 1932
- One piece brass forged and chrome plated case
- Heat treated 416 stainless steel rack & gears

Included with each indicator:

- 4 Position lug & flat back
- Long form cert., traceable to NIST



Total Range	Graduation	Range Per Rev.	Dial Style	Order No.	Price
.025	.0001	.010	0-5-0	**MV65201251BJ**	Price
.200	.0001	.010	0-10	**MV6522001CJ**	Price
.250	.001	.100	0-100	**MV6522504C**	Price
1.0	.001	.100	0-100	**MV6526104C†**	104.40
2.0	.001	.100	0-100	**MV6526204CJ†**	201.30

†Supplied with revolution counter.
J in order number signifies indicator supplied with jewel bearings.

TESA / Brown & Sharpe Valueline AGD2 Dial Indicators

- Face diameter 2-1/4"
- Graduations .001"
- Dial reading 0 - 100
- Total range is 1"
- Carbide ball point
- Adjustable bezel



Model No.	Face Color	Order No.	Price
1489022	White	**MV4547442**	Price
1489023	Black	**MV4547443**	Price

Mitutoyo AGD 2 Dial Indicators

2-1/4" Dial Diameter

- Lug back
- Revolution counter
- 3/8" Diameter stem
- No. 2 Series



Total Range (in./mm)	Graduation (in./mm)	Dial Reading	Range One Rev. (in./mm)	Order No.	Price
.500	.001	0-100	.100	**MT802414S**	Price
.500	.001	0-50-0	.100	**MT802415S**	Price
10mm	0.01mm	0-100	1mm	**MT802046S-01**	Price
10mm	0.01mm	0-100	1mm	**MT802046S-11**	Price
10mm	0.01mm	0-50-0	1mm	**MT802047S-01**	Price
2.5mm	0.01mm	0-100	1mm	**MT802230S-01**	Price
2.5mm	0.01mm	0-50-0	1mm	**MT802231S-01**	Price
20mm	0.01mm	0-100	1mm	**MT802050S-01**	Price

Mitutoyo AGD 2 Long Range Dial Indicators

2-1/4" Dial Diameter

- Lug back
- Revolution counter
- 3/8" Diameter stem
- No. 2 Series



Total Range (in.)	Dial Reading	Graduation (in.)	Range per Rev. (in.)	Dial Face	Note	Order No.	Price
1.0	0-50	.0005	.050	2-1/4	Lug Back	**MT802776S**	Price
1.0	0-50-0	.001	.100	2-1/4	Lug Back	**MT802417S**	Price
1.0	0-100	.001	.100	2-1/4	Lug Back	**MT802416S**	Price
1.0	0-100	.001	.100	2-1/4	Lug Back	**MT802416S-10**	Price
1.0	0-100	.001	.100	2-1/4	Flat Back	**MT802416SB-10**	Price
1.0	100-0	.001	.100	2-1/4	Lug Back	**MT802904S**	Price
2.0	0-100	.001	1.00	2-1/4	Lug Back	**MT802424S-19**	Price

Starrett Long Range Dial Indicators

Shockless Hardened Steel Gear Train

MADE IN THE USA

- .001" Dial graduation
- .100" Dial reading
- Conforms to AGD specifications except for range
- Stem cap supplied as standard
- Furnished with continuous reading double dial with direct reading count hands
- Furnished with jewel bearings and lug-on-center back



Range (in.)	AGD Group	Diameter (in.)	Order No.	Price
2.0	AGD 2	2-1/4	**MV7053309**	Price
2.0	AGD 3	2-3/4	**MV7053619**	Price
3.0	AGD 2	2-1/4	**MV7053310**	Price
4.0	AGD 2	2-1/4	**MV7053311**	Price
5.0	AGD 2	2-1/4	**MV7053312**	Price
5.0	AGD 3	2-3/4	**MV7053622**	Price

Starrett AGD 2 Dial Indicators

MADE IN THE USA

- Lug back
- Revolution counter
- 3/8" Diameter stem
- No. 2 Series



Total Range (in./mm)	Graduation (in./mm)	Dial Reading	Dial Face Dia.	Range One Rev. (in./mm)	Order No.	Price
.500	.0005	0-50	2-1/4	.050	**MV7053292**	Price
.500	.001	0-100	2-1/4	.100	**MV7053293**	Price
.500	.001	0-100	2-1/4	.100	**MV7066863**	Price
1.0	.0005	0-50	2-1/4	.050	**MV7053304**	Price
1.0	.001	0-100	2-1/4	.100	**MV7053295**	Price
1.0	.001	0-100	2-1/4	.100	**MV7066864**	Price
1.0	.001	0-50-0	2-1/4	.100	**MV7053287**	Price
25mm	0.01mm	0-100	57mm	1mm	**MV7053307**	Price
25mm	0.01mm	0-50-0	57mm	1mm	**MV7053305**	Price

Starrett AGD 3 Dial Indicators

- Lug back
- Revolution counter
- 3/8" Diameter stem
- No. 3 Series

MADE IN THE USA



Total Range (in./mm)	Graduation (in./mm)	Dial Reading	Dial Face Dia.	Range One Rev. (in./mm)	Order No.	Price
1.000	.001	0-100	2-3/4	.100	**MV7053613**	Price

Starrett AGD 4 Dial Indicators

- Lug back
- Revolution counter
- 3/8" Diameter stem
- No. 4 Series

MADE IN THE USA



Total Range (in.)	Graduation (in.)	Dial Reading	Dial Face Dia.	Range One Rev. (in.)	Order No.	Price
.400	.0001	0-10-0	3-5/8	.020	**MV7053793**	Price
.400	.0001	0-20	3-5/8	.020	**MV7053797**	Price
.500	.001	0-100	3-5/8	.100	**MV7053787**	Price
.500	.001	0-50-0	3-5/8	.100	**MV7053783**	Price
1.0	.001	0-100	3-5/8	.100	**MV7053789**	Price
1.0	.001	0-50-0	3-5/8	.100	**MV7053785**	Price
25mm	0.01mm	0-100	92mm	1mm	**MV7056234**	Price

INSIZE Dial Indicators

- Lug back
- Limit pointers and bezel clamp provided
- Supplied with certification
- Meets ASME B89.1.10M-2001



Range (in.)	Model No.	Order No.	Price
1.0	2307-1	**SZ2023071**	Price
2.0	2307-2	**SZ2023072**	Price

Mitutoyo Series 2 One Revolution Dial Gage

- One-revolution dial indicators are nearly fool-proof in their operation, since the indicator needle travels around the dial face only once per the full stroke of the spindle
- Strengthened against shop contaminants with a stronger seal, and more robust gear mechanisms make this tool more resistant to rapid spindle motions and shock



Total Range	Dial Reading	Graduation	Order No.	Price
.020	10-0-10	.0005	**MT802976TB**	Price
.040	20-0-20	.0005	**MT802977TB**	Price
.060	30-0-30	.001	**MT802978TB**	Price
.5mm	25-0-25	0.01mm	**MT802971**	Price
1mm	50-0-50	0.01mm	**MT802972TB**	Price
1.6mm	25-0-25	0.02mm	**MT802973TB**	Price

Mitutoyo AGD 2 One Revolution Dial Indicators

- 2-1/4" Dial Diameter
- 3/8" Diameter stem
- No. 2 Series



Total Range (in./mm)	Graduation (in./mm)	Dial Reading	Range One Rev. (in./mm)	Note	Order No.	Price
.008	.0001	4-0-4	.008	Lug Back, White Face	**MT802910S-10**	Price
0.08mm	0.001mm	40-0-40	0.1mm	Flat Back, Yellow Face	**MT802900SB-73**	Price

Mitutoyo AGD 2 Dial Indicators

- Lug back
- Revolution counter
- 3/8" Diameter stem
- No. 2 Series



Total Range (in./mm)	Graduation (in./mm)	Dial Reading	Dial Face Dia. (in./mm)	Range One Rev. (in./ mm)	Order No.	Price
.100	.0005	0-40	2-1/4	.040	**MT802670S**	Price
.125	.0005	0-25-0	2-1/4	.050	**MT802507S**	Price
.125	.0005	0-50	2-1/4	.050	**MT802506S**	Price

Mitutoyo AGD 2 Adjustable Face Dial Indicator

A twist of the knob brings the dial hand to zero,or any other desired position, without losing the original contact.

- 2-1/4" Dial diameter
- Graduation .001"
- 0-100 Dial reading
- Lug back
- 3/8" Diameter stem



Total Range (in.)	Dial Face	Note	Order No.	Price
.500	0-50-0	Rev. Counter: Jeweled	**MT802918S-10**	Price
.500	0-100	Rev. Counter: Jeweled	**MT802915S-10**	Price

Mitutoyo AGD 2 Dial Indicators

- Shock proof, jeweled bearing
- Lug back
- Revolution counter
- 3/8" Diameter stem
- No. 2 Series
- MT80-2802SB-10 With Flat Back



Total Range (in.)	Graduation (in.)	Dial Reading	Dial Face Dia. (in.)	Range One Rev. (in.)	Order No.	Price
.025	.0001	0-10	2-1/4	.010	**MT802802SB-10**	Price
.050	.0001	0-10	2-1/4	.010	**MT802804S-10**	Price
.025	.0001	0-5-0	2-1/4	.010	**MT802803S-10**	Price
.050	.0001	0-5-0	2-1/4	.010	**MT802805S-10**	Price
.050	.0001	0-5-0	2-1/4	.010	**MT802923S-10**	Price
1mm	0.001mm	0-100-0	2-1/4	.2mm	**MT802109S-11**	Price
5mm	0.001mm	0-100-0	2-1/4	.2mm	**MT802119S-11**	Price

Mitutoyo Long Range Dial Indicators

AGD 3 & 4

- 3" and 3-5/8" Dial diameter
- Lug back
- 3/8" Diameter stem
- .001" Graduation
- .100" Range per revolution



Total Range (in.)	Dial Reading	Dial Face (in.)	Note	Order No.	Price
1.0	0-100	3	-	**MT803416S**	Price
1.0	0-50-0	3	Flat Back	**MT803417SB**	Price
2.0	0-100	3	-	**MT803424S-19**	Price
3.0	0-100	3-5/8	-	**MT804887S-19**	Price

Fowler Premium Dial Indicators



- AGD 2 series, 2-1/4" face diameter
- Solid brass housing
- Carbide contact point
- Includes certificate of calibration

Range	Graduation	Continuous Reading	Balanced Reading	Face Color	Order No.	Price
.0500	.0001	0-10	0-5-0	White	**NA5552520135**	Price
.200	.001	0-100	0-50-0	White	**NA5552520120**	Price
.250	.0005	0-50	0-25-0	White	**NA5552520125**	Price
.250	.0005	-	0-25-0	White	**NA5552520127**	Price
.500	.001	0-100	0-50-0	White	**NA5552520105**	Price
1.000	.001	0-100	-	Black	**NA55525201101**	Price
1.000	.001	0-100	-	White	**NA55525201102**	Price
1.000	.0005	0-50	-	White	**NA5552520128**	Price
1.000	.0005	0-50	0-25-0	White	**NA5552520129**	Price
5mm	0.002mm	-	0-10-0	White	**NA5552520400**	Price
10mm	0.01mm	0-100	0-50-0	White	**NA5552520300**	Price
25mm	0.01mm	0-100	0-50-0	White	**NA5552520500**	Price

Fowler Dial Indicators

- AGD 2, 2-1/4" Dial diameter
- Lug back
- Revolution counter

NA5552530110 Special Features:

- Dial face reads in inch (black) or metric (red)
- Separated dial for inch and metric



NA5552520110 NA5552530110

Range (in.)	Graduation (in.)	Continuous Reading	Balanced Reading	Order No.	Price
.500	.0001	0-10	-	**NA5552520140**	Price
1.000	.001	0-100	-	**NA5552520110**	Price
1.000	.0005	0-50	-	**NA5552520128**	Price
1.000 / 25mm	.001 / 0.01mm	0-100	0-100-0	**NA5552530110**	Price

Fowler Indicators

Protection Includes:

- Rubber bellows on stem
- O-Ring seal on safety cap
- Redesigned bezel with double o-ring protection for bezel and rotating dial
- Form-fitted back plate
- Corrosion resistant
- 8mm stem
- M2.5 contact point

General Specifications Include:

- Lug back
- Robust, shockproof design
- Coolant proof, shockproof and affordable

NA5552520444 Shown



NA55525204444

Range (in.)	Graduation (in.)	AGD Group	Reading	Order No.	Price
.125	.0005	AGD 1	0-20-0	**NA5552520020**	Price
.400	.0005	AGD 2	0-50-0	**NA5552520250**	Price
.400	.001	AGD 2	0-100	**NA5552520444**	Price

Fowler Shockproof Dial Indicators

X-PROOF

- Rubber bellows on stem
- O-ring seal on safety cap
- O-ring protection for bezel and rotating dial
- Sealed back plate
- 1" Travel
- .001" Reading
- 0-100 Continuous reading
- Tolerance markers
- AGD Group 2, 2-1/4" diameter dial
- Lugback
- Carbide point



Dial Face Color	Order No.	Price
Black	**NA5552520455**	Price
White	**NA5552520450**	Price

PROCHECK IP54 Dial Indicator - 1" Travel, .001" Graduation

- IP54 protection, shockproof design
- Rubber bellow on stem and o-ring seal safety cap
- O-ring protection for bezel and dial
- Sealed back plate (lug back)
- Tolerance markers
- AGD Group 2
- Lug back and carbide point
- 1 Year Warranty



Range per Revolution	Dial Reading	Dial Face Diameter	Face Color	Order No.	Price
.100	0-100	2-1/4	White	**PC21DI211IP5SP**	Price

Mahr Federal Dial Indicators ANSI/AGD

Group 2 Mahr Federal Series C

- Most widely used for all dial indicator applications
- Dial approximately 2-1/4" diameter with soft-green tint
- Furnished with continuous dial, lug back, revolution counter and tolerance hands
- Stem diameter: 3/8"



Measuring Range	Graduation	Dial Style	Range Per Rev. (in.)	Order No.	Price
.050	.001	0-20	.020	**NA652014809**	Price
.100	.0005	0-40	.040	**NA652014812**	Price
.125	.0005	0-50	.050	**NA652014814**	Price

Fowler Premium IP54 Shockproof Dial Indicators

- Includes N.I.S.T. Certification
- Includes both center lug back and flat back
- 1" range
- 0.001" graduation
- Steel housing
- Sealed plunger, dustcap, bezel lock and back plate
- Carbide contact point
- 0 - 100 dial reading with rev. counter
- 4 - 48 (3/8" stem) contact point



Face Color	Order No.	Price
Black	**NA55525204650**	Price
White	**NA55525204600**	Price

PROCHECK PREMIUM Electronic Indicators with Output



- Absolute/incremental reading and floating zero
- Direct inch/metric conversion and auto-off feature
- Lug and, flat back, 3/8” stem diameter and carbide tipped point
- Tolerance indicators
- Optional USB data kit (PC26DCBS4PIN) available
- 1 Year Warranty

Total Range	Resolution	Indicator Style	Order No.	Price
0 - .5" / 0 - 12.5mm	.0005" / 0.01mm	Drop Indicator	**PC20EI0512505EM**	Price
0 - 1" / 0 - 25mm	.0005" / 0.01mm	Drop Indicator	**PC20EI1025005EM**	Price

PROCHECK ABSOLUTE Electronic Indicators with Output

WIRELESS CAPABLE

ABSOLUTE CONNECT



- Direct inch/metric conversion and auto shut off
- Absolute/incremental reading, tolerance indicators
- Lug and flat back, 3/8” stem (4-48 thread), carbide point
- Data output port (USB/SPC kit optional)
- Replacement battery: KA56ECR2032
- Optional USB data kit (PC26DCBL5PIN) available
- Compatible with optional wireless adaptor (PC26WTD1ABS)
- 1 Year Warranty

Total Range	Resolution	Indicator Style	Comments	Order No.	Price
0 - .5" / 0 - 12.5mm	.00005" / 0.001mm	Drop Indicator	Supplied with lug and flat back	**PC20EI05005ABEM**	Price
0 - 1" / 0 - 25mm	.00005" / 0.001mm	Drop Indicator	Supplied with flat back	**PC20EI10005ABEM**	Price

PROCHECK Electronic Digital Indicators

- .0005”/0.01mm Resolution
- Inch/metric, zero setting
- Battery included
- Lugback



EDI1



32731

Range	Order No.	Price
0 - .4" / 0 - 10mm	**NB70EDI1**	Price
0 - .5" / 0 - 13mm	**NB605DI7**	Price
0 - 1" / 0 - 25mm	**NB7032731**	Price

PROCHECK ABSOLUTE Digital Mini Indicators

ABSOLUTE CONNECT



- Absolute technology that memorize origin zero
- IP54 Protection, origin set, preset value
- Optional USB data kit (PC26DCBL5PIN) available
- Compatible with optional wireless adaptor (PC26WTD1ABS)
- Resolution: .00005”/0.001mm
- Accuracy: .0016”
- Carbide tip
- Connect and interactive with Procheck absolute digital height gages
- 1 Year Warranty

WIRELESS CAPABLE

IP54

Range	Order No.	Price
0-1 / 0.254	**PC20EIM015ABEM**	Price
0-2 / 0.50	**PC20EIM025ABEM**	Price

PROCHECK Output Cables, USB with Data Send Control



- Connect tools via USB port and send data to spreadsheets or SPC program (program supplied separately)
- 1 Year Warranty

Size	Order No.	Price
LARGE 5 PIN L5 CONNECTOR/USB	**PC26DCBL5PIN**	Price
SMALL 4 PIN S4 CONNECTOR/USB	**PC26DCBS4PIN**	Price

Starrett Electronic Indicators

No. 3600 Series

Features:

- Power On/Off button
- Reverse travel (±control indicates direction)
- Zero setting at any position
- Lug-on-center back plus additional flat back
- Dust cap



Total Range	Resolution	Indicator Style	Order No.	Price
0 - .5" / 0 - 12.7mm	.0005" / 0.01mm	AGD 2	**MV7068813**	Price
0 - 12.7mm	0.01mm	-	**MV7068918**	Price

Starrett Electronic Indicators

2900 Series

- Origin set, zero set
- Counting direction switching
- Lug-on center
- Uses (2) CR2032 batteries
- Data output on all models
- IP67 and CE compliant
- Compatible with Starrett 25 indicator backs



Range	Resolution	Accuracy	Starrett No.	Order No.	Price
0 - .5" / 0 - 12.7mm	.0005" / .0001" / .00005" / 0.01mm / 0.001mm	+/- .0012" (0.003mm)	2900-4ME	**MV7009976**	Price
0 - .5" / 0 - 12.7mm	.0005" / .0001" / .00005" / 0.01mm / 0.001mm	+/- .0012" (0.003mm)	2900-6ME	**MV7009979**	Price
0 - 1" / 0 - 25mm	.00005" / 0.001mm	+/- .0012" (0.003mm)	2900-1-1	**MV7009960**	Price
0 - 1" / 0 - 25mm	.00005" / 0.001mm	+/- .0012" (0.003mm)	2900-1ME-25	**MV7009972**	Price
0 - 1" / 0 - 25mm	.0001" / 0.002mm	+/- .0012" (0.003mm)	2900-2-1	**MV7009962**	Price
0 - 1" / 0 - 25mm	.0005" / .0001" / .00005" / 0.01mm / 0.001mm	+/- .0012" (0.003mm)	2900-6-1	**MV7009969**	Price
0 - 1" / 0 - 25mm	.0005" / .0001" / .00005" / 0.01mm / 0.001mm	+/- .0012" (0.003mm)	2900-6ME-25	**MV7009991**	Price
0 - 1" / 0 - 25mm	.0005" / 0.01mm	+/- .001" (0.03mm)	2900-5-1	**MV7009967**	Price
0 - 1" / 0 - 25mm	.0005" / 0.01mm	+/- .001" (0.03mm)	2900-5ME-25	**MV7009978**	Price
0 - 25mm	0.001mm	+/- .0012" (0.003mm)	2900-1M-25	**MV7009961**	Price

Mitutoyo IDC Type Digimatic Indicators with Absolute Encoder



- Absolute linear encoder
- GO/NG judgement function
- Preset, zero-set, inch/mm, ± direction
- Face rotates 330°
- SPC output
- For SPC order cable MT80905338 (1m) or MT80905409 (2m)

Range (in./mm)	Comments	Resolution (in./mm)	Type	Order No.	Price
0 - .5" / 0 - 12.7mm	With Absolute Encoder/Flat Back	.00005" / 0.001mm	Flat Back	**MT80543-392B**	Price
0 - .5" / 0 - 12.7mm	Bore Gage Type Indicator	.00005/.0001/.0005" / 0.001/0.01mm	Flat Back	**MT80543-312B**	Price
0 - .5" / 0 - 12.7mm	Calculation Type Indicator	12 Step Selectable	Flat Back	**MT80543-341B**	Price
0 - .5" / 0 - 12.7mm	Calculation Type Indicator	12 Step Selectable	Flat Back	**MT80543-342B**	Price
0 - 1" / 0 - 25.4mm	Calculation Type Indicator	12 Step Selectable	Flat Back	**MT80543-591B**	Price
0 - 1" / 0 - 25.4mm	Calculation Type Indicator	12 Step Selectable	Flat Back	**MT80543-592B**	Price
0 - 2" / 0 - 50.8mm	Calculation Type Indicator	12 Step Selectable	Flat Back	**MT80543-596B**	Price
0 - 2" / 0 - 50.8mm	Calculation Type Indicator	12 Step Selectable	Flat Back	**MT80543-597B**	Price
0 - .5" / 0 - 12.7mm	Peak Hold Indicator	.00005/.0001/.0005" / 0.001/0.01mm	Flat Back	**MT80543-301B**	Price
0 - .5" / 0 - 12.7mm	Peak Hold Indicator	.00005/.0001/.0005" / 0.001/0.01mm	Flat Back	**MT80543-302B**	Price
0 - .5" / 0 - 12.7mm	Peak Hold Indicator	.00005/.0001/.0005" / 0.001/0.01mm	Lug Back	**MT80543-301**	Price
0 - .5" / 0 - 12.7mm	Peak Hold Indicator	.00005/.0001/.0005" / 0.001/0.01mm	Lug Back	**MT80543-302**	Price
0 - .5" / 0 - 12.7mm	With Absolute Encoder	.00005" / 0.001mm	Lug Back	**MT80543-392**	Price
0 - 1" / 0 - 25.4mm	With Absolute Encoder/Flat Back	.00005" / 0.001mm	Flat Back	**MT80543-472B**	Price
0 - 2" / 0 - 50.8mm	With Absolute Encoder/Flat Back	.00005" / 0.001mm	Flat Back	**MT80543-492B**	Price
0 - .5" / 0 - 12.7mm	With Absolute Encoder/Flat Back	.0005" / 0.01mm	Flat Back	**MT80543-402B**	Price
0 - 1" / 0 - 25.4mm	With Absolute Encoder/Flat Back	.0005" / 0.01mm	Flat Back	**MT80543-476B**	Price
0 - 2" / 0 - 50.8mm	With Absolute Encoder/Flat Back	.0005" / 0.01mm	Flat Back	**MT80543-496B**	Price
0 - .5" / 0 - 12.7mm	With Absolute Encoder/Flat Back	.0005" / 0.01mm	Flat Back	**MT80543-402B**	Price

Available in full metric and bore gage type

Mitutoyo IDS Digimatic Indicators
With Absolute Encoder



- Absolute Encoder Technology maintaineds all settings for the life of the battery
- Conforms generally to Group 2 dial indicator dimensions
- Measuring range: 0-5"/0-12.7mm
- Functions: origin, on/off, in/mm +/–
- Data output: SPC digimatic output
- Stem diameter: .375" -.0012"
- Contact point .16" (dia.) steel ball (4-48 UNF)
- For SPC output order connecting cable MT80905338 (1m) or MT80905409 (2m)
- "B" Indicates flat back

Range (in./mm)	Resolution (in./mm)	Stem Dia.	Contact Point Thread Size	Order No.	Price
0 - .5" / 0 - 12.7mm	.0005" / 0.01mm	-	4-48	**MT80543-782**	Price
0 - .5" / 0 - 12.7mm	.0005" / 0.01mm	-	4-48	**MT80543-782B**	Price
0 - .5" / 0 - 12.7mm	.0005" / 0.01mm	.375	4-48	**MT80543-783**	Price
0 - .5" / 0 - 12.7mm	.0005" / 0.01mm	.375	4-48	**MT80543-783B**	Price
0 - .5" / 0 - 12.7mm	.00005" / 0.001mm	.375	M2.5x0.45	**MT80543-791**	Price
0 - .5" / 0 - 12.7mm	.00005" / 0.001mm	8mm	M2.5x0.45	**MT80543-791B**	Price
0 - .5" / 0 - 12.7mm	.00005" / 0.001mm	.375	4-48	**MT80543-792**	Price
0 - .5" / 0 - 12.7mm	.00005" / 0.001mm	.375	4-48	**MT80543-792B**	Price
0 - .5" / 0 - 12.7mm	.0001" / 0.001mm	.375	4-48	**MT80543-793**	Price
0 - .5" / 0 - 12.7mm	.0001" / 0.001mm	.375	4-48	**MT80543-793B**	Price
0 - .5" / 0 - 12.7mm	.0001" / 0.003mm	-	4-48	**MT80543-795**	Price
0 - .5" / 0 - 12.7mm	.0001" / 0.003mm	-	4-48	**MT80543-795B**	Price
0 - .5" / 0 - 12.7mm	.00005" / 0.001mm	.375	4-48	**MT80543-796**	Price
0 - .5" / 0 - 12.7mm	.00005" / 0.001mm	.375	4-48	**MT80543-796B**	Price

Mitutoyo ID-B Absolute Digimatic Indicators



- Small 1.38" (35mm) width
- Reversible LCD display
- For SPC, order cable 21EAA194 – 40" (1m) or 21EAA190 – 80" (2m)
- 2 Indicators shown

Range (in./mm)	Resolution (in./mm)	Accuracy (in./mm)	Order No.	Price
0 - 2" / 0 - 50.8mm	.0005" / 0.01mm	.0008" / 0.02mm	**MT80543-581**	Price

Mitutoyo IDU Digimatic Indicators



- 0-1"/0-25mm Measuring range
- Easy to read LCD
- SPC output
- Slim design fits into tight spaces
- Battery powered for portability
- Functions include: in/mm conversion, zero-set and on/off
- Supplied with lifting lever 137693
- Flat back only
- Display: .0005"/0.01mm
- For SPC order connecting cable MT80905338 (1m) or MT80905049 (2m)

Order No.	Price
MT80575-123	Price

Optional Release Cable for all Digimatic Indicators



- Stroke .4" / 10mm
- Cable length 300mm

Order No.	Price
MT80540774	Price

Mitutoyo SPC Connecting Cables 10 Pin Type, Rectangular



Range	Order No.	Price
40" / 1m	**MT80936937**	Price
80" / 2m	**MT80965014**	Price

Fowler Electronic Indicator



- Direct inch / metric conversion
- 2-1/2” Dial face
- Lug back with 3/8” stem diameter
- Resolution .0005” /0.01mm
- 1” Travel
- Tolerance indicators
- Min/max measurement
- Floating zero

INDI-X

Order No.	Price
NA55545200251	Price

Fowler Mark VI Electronic Indicators



- Robust construction
- Water and coolant resistant
- Protection class IP-67*Requires rubber boot accessory
- Battery life: 10,000 hours of operation
- New technology with customizable menus
- Wide range of functions (MIN/MAX/DELTA, TOL, Factor, Preset, Auto Off, etc)
- Aluminum housing
- Bezel rotated 270°
- Large display with LED indicators
- Lug back
- Lifetime warranty

IP67 · Fowler PROXIMITY · Fowler POWER · sylvac · Fowler SPC

- Analog Display				
Range	**Accuracy**	**Resolution**	**Order No.**	**Price**
0 - .5" / 0 - 12.5mm	.00012" / 0.003mm	.00005" / 0.001mm	**NA5554530535**	Price
0 - 1" / 0 - 25mm	.00016" / 0.004mm	.00005" / 0.001mm	**NA5554530555**	Price

- Bluetooth				
Range	**Accuracy**	**Resolution**	**Order No.**	**Price**
0 - 1" / 0 - 25mm	.00016" / 0.004mm	.00005" / 0.001mm	**NA5554530355**	Price
0 - .5" / 0 - 12.5mm	.00012" / 0.003mm	.00005" / 0.001mm	**NA5554530335**	Price

- Standard				
Range	**Accuracy**	**Resolution**	**Order No.**	**Price**
0 - .5" / 0 - 12.5mm	.0004" / 0.01mm	.0005" / 0.01mm	**NA5554530125**	Price
0 - .5" / 0 - 12.5mm	.00012" / 0.003mm	.00005" / 0.001mm	**NA5554530135**	Price
0 - 1" / 0 - 25.4mm	.0004" / 0.01mm	.0005" / 0.01mm	**NA5554530145**	Price
0 - 1" / 0 - 25mm	.00016" / 0.004mm	.00005" / 0.001mm	**NA5554530155**	Price
0 - 2" / 0 - 50mm	.00019" / 0.005mm	.00005" / 0.001mm	**NA5554530175**	Price

TESA DIGICO™ 12 Electronic Mini-Dial Gages



- 1.73 in./44mm diameter dial
- IP65 compliant
- RS-232 data output combined with external power supply
- Absolute and relative measuring modes
- Preset function
- Switchable measuring direction
- Direct inch/metric conversion

Range	Resolution	Output	Order No.	Price
0 - .5" / 0 - 12.5mm	.00005" or .0005/.001" or 0.01mm	with SPC	**MV4029018†**	533.00
0 - .5" / 0 - 12.5mm	.0005" / 0.01mm	without SPC	**MV4028885‡**	435.00

†With electronic module protected against the penetration of liquids
‡With both mechanics and electronics protected against the penetration of liquids

Fowler Electronic Indicators



- Direct inch/metric conversion
- 1”/25mm travel
- Auto off feature
- 2-1/4” dial face
- Lug back and 3/8” stem diameter
- Resolution .0005”/0.01mm
- Tolerance indicators
- Absolute/incremental reading
- Floating zero
- Carbide tipped point

INDI-X blue

Range (in./mm)	Comments	Order No.	Price
0 - 1" / 0 - 25mm	Inch/Metric Only	**NA5554520250**	Price
0 - 1" / 0 - 25mm	Inch/Metric/Fraction	**NA5554520260**	Price
0 - .5" / 0 - 12.5mm	Inch/Metric Only	**NA5554520255**	Price

Fowler Electronic Indicators

Inch • Metric • Fraction



- Direct inch/metric conversion
- IP54 Coolant and fluid resistant
- Auto off feature
- 2-1/4” Dial face
- 3/8” Stem - 4-48 thread
- Resolution .00005”/0.001mm
- Accuracy: 0.004mm
- Tolerance indicators
- Absolute/ incremental reading
- Lug back on 1/2” model
- Floating zero
- Carbide tipped point

X-SERIES · IP54

Description	Order No.	Price
.5"/12.5mm Indi-Max Electronic Indicator with point set	**NA5554520305**	Price
1"/25mm Indi-Max Electronic Indicator with point set	**NA5554520310**	Price
2"/50mm Indi-X Blue Elecrontic Indicator with point set	**NA5554520320**	Price
Absolute data cable†	**NA5554520399**	Price

†Works with 06ADV380C MIT cable. Replacement battery : KA56ERC2032

INSIZE Electronic Indicator



- Meet ASME B89.1.10M-2001
- Button function: on/off, inch/mm, zero
- CR2032 battery, automatic power off
- Data output
- Optional accessory: data output system (part no. 7306-40, 7302-SPC3A 7305-SP-C1A), backs, contact points

Order No.	Price
SZ20211210E	Price

Fowler Two Dimensional Co-Axial Indicator Set

The 2D Coaxial Set for accurate component centering and positioning in most machining applications. The 2D Coaxial Indicator can be used at any angle and the dial remains stationary during the rotation of the machine spindle.



Features:
- Indicator assembly with 1.6”/42.5mm diameter dial
- Graduations and revolution counter .0005”/0.01mm
- 3 Internal and external feelers
- Center point feeler
- Restraining arm
- Complete in a fitted case

Specifications:
- Length: 6.875”
- Shank: 3/8” dia. x 7/8”
- Feeler ball: 1/8” dia.
- Dial readings: 0-50
- Measuring range: .250” axis offset
- Speed — recommended not to exceed approx. 800 RPM
- Locating accuracy to within .0002:/0.005mm of true center
- Capacity depends on feelers installed, but overall range is 5/32-12” internal diameter; 0-12” external diameter

Model No.	Total Range	Order No.	Price
52-710-025	0-12"	**NA5552710025**	Price
52-710-030	0-107.9mm	**NA5552710030**	Price

Co-Axial Centering Indicators

MADE IN THE USA

For Quick Centering on Milling and Boring Set-UP

Using the Table X and Y Controls, move the workpiece until the indicator needle is stationary. Use in vertical or horizontal milling operations. Quickly changes from internal to external.



Features:
- Operates at any angle
- Dial remains stationary while spindle rotates
- Internal or external diameters
- Set includes internal feeler, external feeler, retaining arm and case
- Capacity: ID 5/32 to 4-1/4” Dia.; OD - 0 to 4-1/4” Dia.

Order No.	Price
NB72801	Price

Blake Co-Ax Indicator Accessories

- Not interchangeable with other brands

Feeler Description	Order No.	Price
I.D.Range: 8"Diameter	**NB728514**	Price
I.D.Range: 12" Diameter	**NB728516**	Price
I.D.Carbide-Range: 4.25" Diameter	**NB72851C2**	Price
O.D.Range: 8" Diameter	**NB728524**	Price
O.D.Range: 12" Diameter	**NB728526**	Price
O.D.Carbide-Range: 4.25" Diameter	**NB72852C2**	Price

PROCHECK Co-Axial Dial Indicators

- Designed for centering a work piece of fixture
- Operates at any angle, use vertical or horizontal
- While spindle rotates, the centering indicator always faces the operator with use of restraining rod (included)
- Center point feeler plus straight and curved feelers 4”, 8” and, 12”
- Fitted plastic case
- 1 Year Warranty



Total Range	Range per Revolution	Graduation	Dial Reading	Dial Face Diameter	Face Color	Order No.	Price
.240	.040	.0005	0 - 50	1-1/2	White	**PC21CI250I**	Price
6mm	1mm	0.01mm	0 - 50	1-1/2	White	**PC21CI250M**	Price

PROCHECK 3-D Alignment Indicator

- With ruby contact point
- Convenient, rapid, accurate measurement on three axis – X, Y and Z
- Physical characters of ruby contact point features: resistance against wear and negligible thermal expansion
- 3/4”/20mm Shaft
- Accuracy: .0004”/0.01mm
- Complete with fitted case



Order No.	Price
NB603DA1	Price

Fowler Universal 3-D Sensors

- 3-D sensors are easily clamped into the milling spindle for exact positioning of the spindle axis on the edges of the workpiece or jig
- Versatile and precise measuring instrument for milling and spark erosion machines (EDM)
- You may approach it in any direction (X-, Y- or Z-axis)
- Large digital display is easily read even from a distance
- Includes a 3/4” clamping shaft, has a resolution of .00005”/0.001mm and an accuracy of .0002”/0.005mm using short sensor
- True inch/metric conversion



Type	Order No.	Price
Inch Analog	**NA5553710175**	Price
Electronic	**NA5554710000**	Price

Fowler UltraMess Comparator Gages

- Shockproof movement
- Self-contained movement
- Lockable, fine-adjustment screw
- Jewelled movement and precision gears
- Hardened stainless steel mounting shank and spindle
- Measuring force: 1N
- Shank diameter: 8mm



Range	Description	Reading	Overtravel	Order No.	Price
±25µm	UltraMess II-Metric	.5µm	.11"/2.8mm Overtravel	**NA5553520105**	Price
±50µm	UltraMess I-Metric	.1µm	.11"/2.8mm Overtravel	**NA5553520005**	Price

PROCHECK Economy Test Indicators

.0001" Test Indicators Features:
- Available in vertical or horizontal models
- .0001" Graduation
- .008" Travel
- Dovetail mounts

.0005" Test Indicators Features:
- .030 Travel
- .0005" Graduation
- 0-15-0 Dial reading
- Jeweled movement
- 3-Way dovetail mounting
- Satin chrome finish
- Low measuring pressure
- Easy-to-read dial
- 1/2" Long indicator point
- .080" Ball diameter
- 5/16" and 3/8" Stem



Total Range (in.)	Dial Reading	Graduation (in.)	Type	Dial Color	Order No.	Price
.008	0-4-0	.0001	Horizontal	White	**NB7023111**	Price
.008	0-4-0	.0001	Vertical	White	**NB7023112**	Price
.030	0-15-0	.0005	Horizontal	Black	**NB70TI030B**	Price
.030	0-15-0	.0005	Horizontal	White	**NB70TI030**	Price
.030	0-15-0	.0005	Vertical	White	**NB70TIV030**	Price

PROCHECK PREMIUM Long Range Dial Test Indicators - .060" Range

- .060" Long range travel
- Jeweled movement and easy-to-read, tilted dial
- Automatic reversal and revolution counter
- Tungsten carbide point capable of 210° Swivel arc
- Supplied with (1) each 5/32" and 3/8" dovetail stems and 3 carbide tip contact points, .040, .080, .120 diameter tip x 11/16" long
- Storage case supplied
- 1 Year Warranty



Graduations	Dial Face Diameter	Face Color	Order No.	Price
.001	1	White	**PC21TI0601021W**	Price
.0005	1	White	**PC21TI0601035W**	Price
.0005	1-1/2	White	**PC21TI0601535W**	Price
.0005	1-1/2	White	**PC21TIV0601535W†**	126.75

† Vertical model

PROCHECK PREMIUM Dial Test Indicators - .030" Range, .0005" Graduation

- Bi-directional constant clockwise rotation with automatic reversal
- Jeweled movement and easy-to-read dial face
- Supplied with (1) each 5/32" and 3/8" dovetail stems and 3 carbide tip contact points, .040, .080, .120 diameter tip x 1/2" long,
- Storage case supplied
- 1 Year Warranty



Dial Face Diameter	Face Color	Order No.	Price
1-1/4	White	**PC21TI0301035W**	Price
1-1/4	Black	**PC21TI0301035B**	Price
1-1/2	White	**PC21TI0301535W**	Price
1-1/2	Black	**PC21TI0301505B**	Price

PROCHECK PREMIUM Dial Test Indicators - .008" Range, .0001" Graduation

- Bi-directional constant clockwise rotation with automatic reversal
- Jeweled movement and easy-to-read dial face
- Supplied with (1ea) 5/32" and 3/8" dovetail stems and 3 carbide tip contact points, .040, .080, .120 diameter tip x 1/2" long
- Storage case supplied
- 1 Year Warranty



Dial Face Diameter	Face Color	Order No.	Price
1-1/4	Black	**PC21TI0081031B**	Price
1-1/4	White	**PC21TI0081031W**	Price
1-1/2	Black	**PC21TI0081531B**	Price
1-1/2	White	**PC21TI0081531W**	Price

PROCHECK Test Indicator Contact Points

New!

For Series PC21TI008 Indicators		
Size (in.)	Order No.	Price
.040	**PC21TICP08004**	Price
.080	**PC21TICP08008**	Price
.120	**PC21TICP08012**	Price

For Series PC21TI020 Indicators		
Size (in.)	Order No.	Price
.040	**PC21TICP02004**	Price
.080	**PC21TICP02008**	Price
.120	**PC21TICP02012**	Price

For Series PC21TI030 Indicators		
Size (in.)	Order No.	Price
.040	**PC21TICP03004**	Price
.080	**PC21TICP03008**	Price
.120	**PC21TICP03012**	Price

For Series PC21TI060 Indicators		
Size (in.)	Order No.	Price
.020	**PC21TICP06020**	Price
.080	**PC21TICP06008**	Price
.120	**PC21TICP06012**	Price

PROCHECK PREMIUM Long Point Dial Test Indicators - .020" Range, .0005" Graduation

- Bi-directional constant clockwise rotation with automatic reversal
- Jeweled movement and easy-to-read dial face
- Supplied with (1) each 5/32" and 3/8" dovetail stems and 3 carbide tip contact points, .040, .080, .120 diameter tip x 1-7/16" long
- Storage case supplied
- 1 Year Warranty



Total Range	Graduation	Indicator Style	Contact Length	Point Diameter	Dial Face Diameter	Face Color	Comments	Order No.	Price
.020	.0005	Test	1-7/16	.080	1-1/4	Black	Supplied with 5/32" and 3/8" dovetail stems and 3 contact points, .040, .080, .120	**PC21TI0201035BL**	Price
.020	.0005	Test	1-7/16	.080	1-1/4	White	Supplied with 5/32" and 3/8" dovetail stems and 3 contact points, .040, .080, .120	**PC21TI0201035WL**	Price
.020	.0005	Test	1-7/16	.080	1-1/2	Black	Supplied with 5/32" and 3/8" dovetail stems and 3 contact points, .040, .080, .120	**PC21TI0201535BL**	Price
.020	.0005	Test	1-7/16	.080	1-1/2	White	Supplied with 5/32" and 3/8" dovetail stems and 3 contact points, .040, .080, .120	**PC21TI0201535WL**	Price

PROCHECK Test Indicator's with Accessories

- Includes: Height Gage Bar with Universal Dovetail; 3/8” clamp, Universal Dovetail Holder with 1/4” Shank; Axial support with 3/8” shank; 3/8 to 5/32” bushing and 5/32” Dovetail stem
- Supplied in convenient case
- 1 Year Warranty



Description	Order No.	Price
.030 Range, .0005" Graduation Test Indicator Kit with: Height Gage Bar with Universal Dovetail; 3/8" clamp, Universal Dovetail Holder with 1/4" Shank; Axial support with 3/8" shank; 3/8 to 5/32" busing and 5/32 Dovetail stem. Supplied in convenient case with slot for test indicator	**PC21TIK3135W**	Price
.060 Range, .0005" Graduation Test Indicator Kit with: Height Gage Bar with Universal Dovetail; 3/8" clamp, Universal Dovetail Holder with 1/4" Shank; Axial support with 3/8" shank; 3/8 to 5/32" busing and 5/32 Dovetail stem. Supplied in convenient case with Accessory Kit	**PC21TIK6135W**	Price

PROCHECK IP65 Test Indicators with Center Lock Quill Kit

- IP65 water and dust protective rating
- Jeweled movement
- Satin chrome finish body
- Anodized center lock arm with strong lock
- Fitted tool set case for easy storage
- 1 Year Warranty



Range (in.)	Graduation (in.)	Dial Reading (in.)	Dial Face Dia. (in.)	Order No.	Price
.030	.0005	0-15-0	1-1/2	**PC21TIK0305IP6Q**	Price
.060	.0005	0-30-0	1-1/2	**PC21TIK0605IP6Q**	Price

PROCHECK IP65 Test Indicators

- IP65 water and dust protective rating
- Jeweled movement
- Satin chrome finish body
- Range: 0.060”
- Graduation: .0005”
- Reading: 0-30-0
- Face Diameter: 1-1/2”
- 0.040, 0.080, 0.120” carbide contact points
- 1/2” point length
- 3 contact points included
- 3 dovetail mountings (front, top and rear)
- 2 dovetail clamps 3/8 & 5/32”
- Wrench included
- Complete in molded case
- 1 Year Warranty



Range (in.)	Graduation (in.)	Dial Reading	Dial Face Dia. (in.)	Order No.	Price
.030	.0001	0-15-0	1-1/2	**PC21TI0301IP6W**	Price
.030	.0005	0-15-0	1-1/2	**PC21TI0305IP6W**	Price
.060	.0005	0-30-0	1-1/2	**PC21TI0605IP6W**	Price

INSIZE Dial Test Indicators

- Jeweled bearing
- Carbide contact points
- 5/32 and 3/8” clamps included
- Supplied with certification



Total Range (in.)	Graduation	Dial Face Dia. (in.)	Model No.	Order No.	Price
.030	.0005	1.25	2380-31	**SZ20238031**	Price
.030	.0005	1.18	2380-35	**SZ20238035**	Price
.030	.0005	1.58	2381-35	**SZ20238135**	Price

Mitutoyo Dial Test Indicator Precision Tool Kit

- Graduation: .0005”
- Range: .030”
- Dial reading: 0-15-0
- Jeweled bearings, anti-magnetic
- 3/8” Stem
- Accepts 3/8” or 5/32” holding stems, plus dovetail groove
- 150N Magnetic force





Order No.	Price
MT80513-907-10E	Price

BAKER Dial Test Indicator

- .0005” Graduation
- .030” Range
- 0-15-0 Dial
- 1-1/8” Diameter dial
- Auto reversal
- Fitted with jewels & Swiss miniature ball bearings for smoother movement
- Supplied with certificate of calibration
- Includes: .08” & .04” hardened chrome contact point, universal clamp, height gauge adapter, 3/8” and 1/4” dovetail shank and wrench



Order No.	Price
NB73B301	Price

PROCHECK Digital Test Indicator

- Range: .02” / ±0.5mm
- Resolution: .0005” / 0.01mm
- Power on/off key
- Zero setting key
- Metric/inch key
- Tolerance key
- Contact point dia.2.5mm
- Accuracy: ±0.02mm



Order No.	Price
NB60DTI1	Price

Mitutoyo Stem Mount Dial Test Indicators

- Jeweled bearings
- Reversible contact point
- Two holding bars are supplied. One (1/2" x 1/4") is used with lathe tool posts and height gages, the other (.315" dia.) with drill chucks
- Fully adjustable bezel/dial face
- Contact point is adjustable within 240°
- Complete with accessories and compact carrying case



Range (in.)	Graduation (in.)	Dial Reading	Order No.	Price
.010	.0001	0-50-0	**MT80513-504T**	Price
.040	.001	0-20-0	**MT80513-518T**	Price

Set includes: Stems (102036,102081) and Point (103007) already installed. Plus Bar (900306) and (900211); Clamp (900291); Stem (102081) and Wrench (102037).

Mitutoyo Parallel Dial Test Indicators

- Scale can be read from the front, with the contact point pivoting in a plane parallel to that of the dial face
- Graduation .0005"
- White Face
- Measuring Range: ±0.0005"



Total Range (in.)	Dial Reading	Commetns	Order No.	Price
.030	0-15-0	Full Set	**MT80513-482-10T**	Price
.030	0-15-0	Plus Set	**MT80513-482-10A**	Price

Mitutoyo Pocket Test Indicators

- .001" Graduation
- .040" Range
- Balanced dial

Included Items	Order No.	Price
Individual Unit: with 103011 Point & 102081 3/8" dia. Stem,Spanner: 301336 Included	**MT80513-528**	Price
Point: 131314, 103011 (installed), 131315.; Stem: 102036 5/32" dia. (installed), 102081;3/8" dia. Spanner: 301336. Clamp: 900322;Holder: 900211, 900306, Wrench: 102037-Included	**MT80513-528T**	Price



Mitutoyo Test Indicator with Ruby Stylus

- Wear characteristic improved by 50%
- Non magnetic and non conductive material enables use in EDM operations

Specifications:

- Graduation: .0005"
- Measuring range: .03"
- Accuracy: ±.0005"
- Measuring force: .07165" or less
- Contact point diameter: .79"
- Stem diameter: 3/8"



Order No.	Price
MT80513-472-10E	Price

Mitutoyo Contact Points for Quick-Set

Steel or Carbide Ball

Size	Ball	Order No.	Price
.040	Steel	**MT80102824**	Price
.080	Steel	**MT80102832**	Price
.080	Carbide	**MT80102825**	Price
.120	Steel	**MT80102826**	Price

Mitutoyo 'Quick-Set' Test Indicators with Dovetail Mount

- Jeweled bearings
- Automatic reverse
- **Basic unit** includes: (1) .078" Dia. carbide point installed, (1) stem – 3/8" Dia. (8mm dia. for metric indicators)
- **Complete unit** consists of basic unit as listed above, plus clamp with dovetail, holding bar and .039" and .118" carbide ball contact points and fitted plastic case

Type	Range (in.)	Graduation (in.)	Dial Reading	Description	Order No.	Price
Dial Test Indicator	.008	.0001	-	Basic Set	**MT80513-403-10E**	Price
Dial Test Indicator	.008	.0001	-	Full Set	**MT80513-403-10T**	Price
Dial Test Indicator	.030	.0001	-	Full Set	**MT80513-452-10T**	Price
Dial Test Indicator	.030	.0005	-	Basic Set	**MT80513-402-10E**	Price
Dial Test Indicator	.030	.0005	-	Basic Set	**MT80513-452-10E**	Price
Dial Test Indicator	.030	.0005	-	Full Set	**MT80513-402-10T**	Price
Dial Test Indicator	.030	.0005	-	Full Set	**MT80513-412-10E**	Price
Dial Test Indicator	.030	.0005	-	Full Set	**MT80513-412-10T**	Price
Dial Test Indicator	.030"/0.7mm	.0005"/0.01mm	-	Combo Dial	**MT80513-406-10E**	Price
Dial Test Indicator	.030"/0.7mm	.0005"/0.01mm	-	Combo Dial	**MT80513-406-10T**	Price
Dial Test Indicator	0.2mm	0.002mm	-	Full Set	**MT80513-405-10T**	Price
Dial Test Indicator	0.2mm	0.002mm	-	Full Set	**MT80513-455-10T**	Price
Dial Test Indicator	0.8mm	0.01mm	-	Full Set	**MT80513-404-10T**	Price
Dial Test Indicator	0.8mm	0.01mm	-	Full Set	**MT80513-454-10T**	Price
Parallel	.030	.0005	0-15-0	Basic Unit	**MT80513-282G**	Price
Combitest	.030"/0.7mm	.0005"/0.01mm	0-15-0 / 0-35-0	Basic Unit	**MT80513-406**	Price
Parallel	.030	.0005	0-15-0	Complete Unit	**MT80513-282GT**	Price
Vertical	.030	.0005	0-15-0	Basic Unit	**MT80513-452**	Price
Vertical	0.2mm	0.002mm	0-100-0	Complete Unit	**MT80513-455T**	Price
Vertical	0.8mm	0.01mm	0-40-0	Complete Unit	**MT80513-454T**	Price



Parallel Type



Extra Long Point Type



Horizontal Type



Inch/Metric Combitest



Vertical Type

Starrett® Last Word® Test Indicators

- A favorite of machinists, toolmakers and inspectors
- Supplied in case
- Available in metrric

MADE IN THE USA



Range (in./mm)	Graduation (in./mm)	Dial Reading	Starrett No.	Order No.	Price
.030	.0005	0-15-0	711LCSZ	**MV7052957**	Price
.030	.0005	0-15-0	711LPSZ	**MV7052958**	Price
.030	.001	0-15-0	711GCSZ	**MV7052943**	Price
.030	.001	0-15-0	711GPSZ	**MV7052944**	Price

Starrett® Last Word® Test Indicators

No. 711

- Smooth, jeweled lever action
- 15/16" Diameter face
- Easy to read shaded white dial
- Available in metric



MADE IN THE USA

Range (in./mm)	Graduation (in./mm)	Dial Reading	Description	Starrett No.	Order No.	Price
.030	.001	0-15-0	Indicator with body clamp only	711FSZ	**MV7052929**	Price
.030	.0005	0-15-0	Indicator with body clamp only	711HSZ	**MV7052953**	Price
.030	.001	0-15-0	Indicator with goo-seneck shank	711FSBZ	**MV7052927**	Price
.030	.001	0-15-0	Indicator with universal shank complete with long and short arm, body clamp	711FSAZ	**MV7052925**	Price
.030	.0005	0-15-0	Indicator with universal shank complete with long and short arm, body clamp	711HSAZ	**MV7052951**	Price

Starrett® Last Word® Test Indicator Accessories

MADE IN THE USA

Starrett No.	Description	Order No.	Price
7107A	Gooseneck Shank	**MV7052937**	Price

Starrett® Dial Test Indicators with Dovetail Mounts

- 708 Series reads to .0001"
- 709 Series reads to .0005"
- Smooth jeweled movement
- Large 1-3/8" dial diameter
- 13/16" Long contact
- Carbide contact point is frictionally adjustable and reverses automatically
- Satin chrome finish for durability
- Heads angle and indicator has 3 dovetail mounts to provide versatility beyond the range of ordinary types
- Furnished in a case with attachments listed

MADE IN THE USA



Series - 708						
Range (in.)	Graduation (in.)	Dial Reading	Model No.	Dial Color	Order No.	Price
.010	.0001	0-5-0	708ACZ	White	**MV7064217**	Price
.010	.0001	0-5-0	B708ACZ	Black	**MV7064608**	Price
.010	.0001	0-5-0	R708ACZ	Red	**MV7064604**	Price
.020	.0001	0-5-0	708BCZ	White	**MV7064218**	Price

Series - 708 with Standard Letter of Certification						
Range (in.)	Graduation (in.)	Dial Reading	Model No.	Dial Color	Order No.	Price
.010	.0001	0-5-0	708ACZ	White	**MV7066869**	Price
.010	.0001	0-5-0	B708ACZ	Black	**MV7066871**	Price
.010	.0001	0-5-0	R708ACZ	Red	**MV7066870**	Price
.020	.0001	0-5-0	708BCZ	White	**MV7066875**	Price

Series - 709						
Range (in.)	Graduation (in.)	Dial Rea-ding	Model No.	Dial Color	Order No.	Price
.030	.0005	0-15-0	709ACZ	White	**MV7064219**	Price
.030	.0005	0-15-0	B709ACZ	Black	**MV7064610**	Price
.030	.0005	0-15-0	R709ACZ	Red	**MV7064606**	Price
.060	.0005	0-15-0	709BCZ	White	**MV7064220**	Price

Starrett® Dial Test Indicators

3808, 3809, 3908 and 3909 Series

- Three dovetail postioning mounts work with most existing test indicator accessories
- Smooth jeweled movement
- Contact point reverses automatically, always maintaining clockwise hand rotation
- High contrast, easy to read dials with white background for inch models and yellow for metric models
- Satin chrome finish



Total Range	Graduation	Dial Reading	Dial Diameter	Starrett Number	Includes	Order No.	Price
.008	.0001	0-4-0	1-1/4	3808A	Indicator, .156" point, 3/8 & 5/32 dovetail clamps, case	**MV7012331**	Price
.008	.0001	0-4-0	1-1/4	3808AC	Indicator, .078" & .156" point, 3/8 & 5/32 dovetail clamps, .156" swivel post holder, tool post holder, contact wrench and case	**MV7012303**	Price
.008	.0001	0-4-0	1-9/16	3908A	Indicator, .156" point, 3/8 & 5/32 dovetail clamps, case	**MV7012488**	Price
.008	.0001	0-4-0	1-9/16	3908AC	Indicator, .078" & .156" point, 3/8 & 5/32 dovetail clamps, .156" swivel post holder, tool post holder, contact wrench and case	**MV7012636**	Price
.030	.0005	0-15-0	1-1/4	3809A	Indicator, .156" point, 3/8 & 5/32 dovetail clamps and case	**MV7012333**	Price
.030	.0005	0-15-0	1-1/4	3809AC	Indicator, .078" & .156" point, 3/8 & 5/32 dovetail clamps, .156" swivel post holder, tool post holder, contact wrench and case	**MV7012305**	Price
.030	.0005	0-40-0	1-9/16	3909A	Indicator, .156" point, 3/8 & 5/32 dovetail clamps and case	**MV7012527**	Price
.030	.0005	0-15-0	1-9/16	3909AC	Indicator, .078" & .156" point, 3/8 & 5/32 dovetail clamps, .156" swivel post holder, tool post holder, contact wrench and case	**MV7012669**	Price
0.8mm	0.01mm	0-40-0	32mm	3809MA	Indicator, 4mm contact point, 9.5mm & 4mm dovetail clamps, case	**MV7012334**	Price
0.8mm	0.01mm	0-40-0	32mm	3809MAC	Indicator, 2mm & 4mm contact pts, 9.5mm and 4mm dovetail clamps, 4mm swivel post tool holder, contact wrench and case	**MV7012307**	Price

Mitutoyo Test Indicator with Ruby Stylus

- Wear characteristic improved by 50%
- Non magnetic and non conductive material enables use in EDM operations

Specifications:

- Graduation: .0005”
- Measuring range: .03”
- Accuracy: ±.0005”
- Measuring force: .07165” or less
- Contact point diameter: .79”
- Stem diameter: 3/8”



Order No.	Price
MT80513-472-10E	Price

Fowler Test Indicators - .030 Range

- Bi-directional constant clockwise rotation
- Automatic reversal
- Three dovetail mountings
- 3 Contact points with diameters of .040”, .080” and .120”
- Jewelled movement
- Two dovetail extensions
- Molded case







Total Range (in.)	Dial Reading	Graduation (in.)	Dial Dia. (in.)	Dial Color	Point Length (in.)	Order No.	Price
.030	0-15-0	.0005	1	Black	1/2	**NA5552562778**	Price
.030	0-15-0	.0005	1	White	1/2	**NA5552562775**	Price
.030	0-15-0	.0005	1-1/2	Black	1/2	**NA5552562780**	Price
.030	0-15-0	.0005	1-1/2	White	1/2	**NA5552562776**	Price
.030	0-15-0	.001	1	White	1/2	**NA5552562774**	Price

Fowler Test Indicators - .008 Range

- Bi-directional constant clockwise rotation
- Automatic reversal
- Three dovetail mountings
- 3 Contact points with diameters of .040”, .080” and .120”
- Jewelled movement
- Two dovetail extensions
- Molded case







Total Range (in.)	Dial Reading	Graduation (in.)	Dial Dia. (in.)	Dial Color	Point Length (in.)	Order No.	Price
.008	0-4-0	.0001	1	Black	1/2	**NA5552563771**	Price
.008	0-4-0	.0001	1	White	1/2	**NA5552563770**	Price
.008	0-4-0	.0001	1-1/2	Black	1/2	**NA5552563772**	Price
.008	0-4-0	.0001	1-1/2	White	1/2	**NA5552563777**	Price

Fowler Test Indicators - Long Point

- Bi-directional constant clockwise rotation
- Automatic reversal
- Three dovetail mountings
- 3 Contact points with diameters of .040”, .080” and .120”
- Jewelled movement
- Two dovetail extensions
- Molded case





Total Range (in.)	Dial Reading	Graduation (in.)	Dial Dia. (in.)	Dial Color	Point Length (in.)	Order No.	Price
.020	0-10-0	.0005	1	Black	1-7/16	**NA5552562782**	Price
.020	0-10-0	.0005	1-1/2	Black	1-7/16	**NA5552562784**	Price
.020	0-10-0	.0005	1-1/2	White	1-7/16	**NA5552562783**	Price
.020	0-10-0	.0005	1-1/4	White	1-7/16	**NA5552562781**	Price

Fowler Test Indicators - Metric Reading

- Bi-directional constant clockwise rotation
- Automatic reversal
- Three dovetail mountings
- Jewelled movement
- Two dovetail extensions
- Molded case





Total Range	Dial Reading	Graduation	Dial Dia. (in.)	Dial Color	Point Length (in.)	Order No.	Price
.020 / 0.05mm	0-10-0/0-.25-0	.0005/ 0.01mm	1-1/2	White/ Red	.600	**NA5552560060**	Price
0.08mm	0-40-0	0.01mm	1-1/4	White	.600	**NA5552563677**	Price

Fowler Test Indicator Set

with Certificate of Calibration

- Auto-reverse
- Jewelled movement
- Includes .080” and .040” carbide contact points, universal clamp, height gage attachment, 3/8” and 1/4” dovetail extensions in a fitted molded case.
- Total range: ±.030”
- Dial reading: 0-15-0
- Graduation: .0005”
- Dial diameter: 1.125”
- Point length: .400”



Order No.	Price
NA5552562999	Price

BesTest® Dial Test Indicators

BesTest -3 and -13 Series:

- BesTest -3 and -13 sets are furnished with .080” carbide contact points, a rectangular bar, swivel clamp, point wrench and a certificate of accuracy and traceability in a fitted wooden case.
- The -3 sets with end mounted dials are furnished with a universal dovetail mounting attachment (7054) in place of the rectangular bar and swivel clamp



BesTest -5 Series (Black Face):

- BesTest -5 sets are furnished with an .080” carbide contact point, a .250” diameter extension with dovetail, point wrench and a certificate of accuracy and traceability in a durable molded case



BesTest -6 & -14 Series (White Face):

- BesTest -6 & -14 sets are furnished with 3 carbide contact points. .040”, .080”, and .120”, 2 extensions with dovetail, point wrench and a certificate of accuracy and traceability in a durable molded case

BesTest Indicator Features:

- All Bestest® indicators meet or exceed federal or DIN specifications
- Furnished with a certificate of accuracy and traceability
- Bestest® indicators provide high quality features to ensure fast, accurate and continuously reliable measurement
- Constant clockwise rotation
- Automatic reversal
- Swiveling point
- Carbide tip point
- Universal mounting
- Monoblock (precision watch) body design
- Anti-magnetic & corrosion resistant

Face Color - Black Dial Face								
Range (in.)	Dial Reading	Graduation (in.)	Dial Dia. (in.)	Tip Length (in.)	Tip Dia. (in.)	Brown & Sharpe No.	Order No.	Price
.030	0-15-0	.001	1	1/2	.080	599-7029-5	**MV4551732**	Price
.030	0-15-0	.0005	1	1/2	.080	599-7030-5	**MV4551733**	Price
.030	0-15-0	.0005	1-1/2	1/2	.080	599-7031-5	**MV4551734**	Price
.008	0-4-0	.0001	1	1/2	.080	599-7032-5	**MV4551737**	Price
.008	0-4-0	.00005	1-1/2	1/2	.080	599-7033-5	**MV4551738**	Price
.020	0-10-0	.0005	1	1-7/16	.080	599-7034-5	**MV4551735**	Price
.020	0-10-0	.0005	1-1/2	1-7/16	.080	599-7035-5	**MV4551736**	Price

Face Color - Metric Reading White Dial Face								
Range (in.)	Dial Reading	Graduation (in.)	Dial Dia. (in.)	Tip Length (in.)	Tip Dia. (in.)	Brown & Sharpe No.	Order No.	Price
0.8mm	0-0.4-0	0.01mm	0.28mm	12.5mm	2mm	599-7030-13	**MV4545984**	Price
0.8mm	0-0.4-0	0.01mm	0.38mm	12.5mm	2mm	599-7031-13	**MV4545985**	Price
0.2mm	0-100-0	0.002mm	0.28mm	12.5mm	2mm	599-7032-13	**MV4545986**	Price
0.2mm	0-100-0	0.002mm	0.38mm	12.5mm	2mm	599-7033-13	**MV4545987**	Price

Face Color - Metric Reading White Dial Face Multi-Tip Set								
Range (in.)	Dial Reading	Graduation (in.)	Dial Dia. (in.)	Tip Length (in.)	Tip Dia. (in.)	Brown & Sharpe No.	Order No.	Price
0.8mm	0-0.4-0	0.01mm	0.28mm	12.5mm	2mm	599-7030-14	**MV4525927**	Price
0.7mm	0-0.4-0	0.01mm	0.38mm	12.5mm	2mm	599-7031-14	**MV4525928**	Price
0.2mm	0-100-0	0.002mm	0.28mm	12.5mm	2mm	599-7032-14	**MV4525930**	Price

Face Color - White Dial Face								
Range (in.)	Dial Reading	Graduation (in.)	Dial Dia. (in.)	Tip Length (in.)	Tip Dia. (in.)	Brown & Sharpe No.	Order No.	Price
.008	0-4-0	.0001	1-1/2	1/2	.080	599-7023-3	**MV4546400**	Price
.008	0-4-0	.0001	1-1/2	1/2	.080	599-7024-3	**MV4546406†**	Price
.030	0-15-0	.001	1	1/2	.080	599-7029-3	**MV4545977**	Price
.030	0-15-0	.0005	1	1/2	.080	599-7030-3	**MV4545978**	Price
.030	0-15-0	.0005	1-1/2	1/2	.080	599-7031-3	**MV4545979**	Price
.008	0-4-0	.0001	1	1/2	.080	599-7032-3	**MV4545980**	Price
.008	0-4-0	.00005	1-1/2	1/2	.080	599-7033-3	**MV4545981**	Price
.030	0-15-0	.0005	1	1/2	.080	599-7037-3	**MV4550437†**	Price
.008	0-4-0	.00005	1-1/2	1/2	.080	599-7038-3	**MV4550436†**	Price

Face Color - White Dial Face Multi-Tip Set								
Range (in.)	Dial Reading	Graduation (in.)	Dial Dia. (in.)	Tip Length (in.)	Tip Dia. (in.)	Brown & Sharpe No.	Order No.	Price
.008	0-4-0	.0001	1-1/2	1/2	.080	599-7023-6	**MV4525923**	Price
.030	0-15-0	.0005	1	1/2	.080	599-7030-6	**MV4525925**	Price
.030	0-15-0	.0005	1-1/2	1/2	.080	599-7031-6	**MV4525926**	Price
.008	0-4-0	.0001	1	1/2	.080	599-7032-6	**MV4525929**	Price

†End mount style

Valueline Test Indicators

.030” Total Range

- Dial reading .0005”
- Graduations .0005”
- Black dial face



MV4547440

MV4547439

Face Dia. (in.)	Model No.	Order No.	Price
1.26	01889018	**MV4547439**	Price
1.54	01889023	**MV4547440**	Price

Compac Series Test Indicators

- DIN 2270 and factory standard
- Contact points with tungsten carbide ball tips
- Friction lever system to prevent overload
- Inspection report with a declaration of conformity
- Rotating dial
- Supplied in a plastic storage case
- .00015” Repeatability



MV35223GLA



MV35213GLA



MV35214A

Series - 210					
Range (in.)	Dial Reading	Graduation (in.)	Dial Dia. (in.)	Order No.	Price
.024	0-20-40	.0001	1.063	**MV35215A**	Price
.024	0-20-40	.0001	1.575	**MV3527712**	Price
.060	0-10-20	.0005	1.063	**MV35214A**	Price
.120	0-20-40	.0005	1.575	**MV35213GLA**	Price

Series - 220					
Range (in.)	Dial Reading	Graduation (in.)	Dial Dia. (in.)	Order No.	Price
.120	0-20-40	.0005	1.575	**MV35223GLA**	Price

Fowler Test Indicators and Sets

- Range: .060” (1.6mm metric)
- Dial reading: 0-15-0 (0-40-0 metric)
- Jeweled movement
- Revolution counter
- Easy-to-read tilted dial
- Automatic reversal
- 210° Swivel arc
- Tungsten carbide point .080”,diameter

Set Includes:

- Dial test indicator
- Axial support
- Height gage bar with clamp
- Contact point case, contact point wrench
- Adaptor sleeve
- Complete in shop hardened case

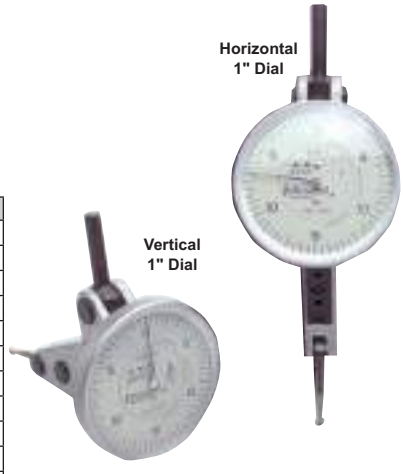


Type - Dial Test Indicator					
Graduation (in.)	Dial Dia. (in.)	Description	Indicator Style	Order No.	Price
.0005	1-1/2	Indicator Only	Horizontal	**NA5552562001**	Price
.0005	1	Indicator Only	Horizontal	**NA5552562002**	Price
.0005	1-1/2	Indicator Only	Vertical	**NA5552562004**	Price
.001	1	Indicator Only	Horizontal	**NA5552562003**	Price
.0005	1-1/2	Indicator Only	Vertical	**NA5552562005**	Price
.001	1	Indicator Only	Vertical	**NA5552562006**	Price
0.01mm	25mm	Indicator Only	Horizontal	**NA5552562007**	Price
0.01mm	38mm	Indicator Only	Horizontal	**NA5552562008**	Price

Type - Dial Test Indicator w/Accessories					
Graduation (in.)	Dial Dia. (in.)	Description	Indicator Style	Order No.	Price
.0005	1-1/2	Indicator 52-562-001 with Accessories	Horizontal	**NA5552562100**	Price
.0005	1	Indicator 52-562-002 with Accessories	Horizontal	**NA5552562110**	Price
.001	1	Indicator 52-562-003 with Accessories	Horizontal	**NA5552562120**	Price

Interapid Dial Test Indicators

- Two-way action – no reversing lever
- Carbide contact point
- Ball bearings and jeweled movement
- Extremely low measuring pressure
- Precise repetitive readings
- Easy-to-read tilted dial
- Points are interchangeable between .0005” and .001” indicators
- Contact point swivels 210°
- Shank diameter – 5/32” .080” diameter ball



Indicator Type	Graduation (in.)	Travel (in.)	Contact Length (in.)	Dial Dia. (in.)	Ref No.	Order No.	Price
Horizontal	.0005	.060	11/16	1-1/4	312	**MV4041710**	Price
Horizontal, Long Range	.0005	.060	11/16	1-1/2	312B-1	**MV4042775**	Price
Horizontal, Long Range	.0005	.060	11/16	1	312B-2	**MV4086150**	Price
Horizontal, Short Range	.0001	.016	11/16	1-1/2	312B-3	**MV4041680**	Price
Horizontal, Short Range	.0001	.016	11/16	1	312B-4	**MV4041681**	Price
Horizontal, Long Range	.001	.060	11/16	1	312B-20	**MV4041682**	Price
Vertical, Long Range	.0005	.060	11/16	1-1/2	312B-1V	**MV4041685**	Price
Vertical, Long Range	.0005	.060	11/16	1	312B-2V	**MV4041686**	Price
Vertical, Short Range	.0001	.016	11/16	1-1/2	312B-3V	**MV4041714**	Price
Vertical, Long Range	.001	.060	11/16	1	312B-20V	**MV4041687**	Price
Vertical, Metric	0.01mm	1.6mm	16.5 mm	1-1/2	312-1V	**MV4041683**	Price

Mitutoyo TrueTest™ Test Indicators

Each indicator Features:

- Smooth spindle movement
- Water and dust resistant one-piece black bezel and hard coated crystal
- 20° tilted dial face
- Anti-magnetic characteristics

Basic Indicator Contains:

- .078” Carbide contact point
- .039” Contact point
- .118” Contact point
- 3/8” Stem
- 5/32” Stem
- Nut

Indicator Set Contains:

- All that comes with the Basic Indicator PLUS:
- Swivel clamp for 5/32” stem and 3/8” stem
- Square arm



						Dial Test Indicator		Dial Test Indicator Set	
Graduation (in.)	Range per Revolution (in.)	Range (in.)	Dial Reading	Face Color	Indicator Style	Order No.	Price	Order No.	Price
.0005	.030	.060	0-15-0	Black	Long Point	**MT80513-446-16A**	Price	**MT80513-446T-06**	Price
.0005	.030	.060	0-15-0	White	Long Point	**-**	-	**MT80513-446T**	Price
.0001	.008	.016	0-4-0	Black	Horizontal	**MT80513-443-16A**	Price	**MT80513-443-16T**	Price
.0001	.008	.016	0-4-0	White	Horizontal	**-**	-	**MT80513-443-10T**	Price
.0005	.020	.060	0-15-0	White	Horizontal	**MT80513-446-10A**	Price	**-**	-
.0005	.030	.060	0-15-0	Black	Horizontal	**MT80513-442-16A**	Price	**MT80513-442-16T**	Price
.0005	.030	.060	0-15-0	White	Horizontal	**MT80513-442-10A**	Price	**-**	-

Dial Indicator Sets

MADE IN THE USA

3 Piece Indicator Sets – Complete with .109 diameter contact point, body clamp and ball shank in case

9 Piece Indicator Set – Complete with .032", .045" and .109" contact points, body clamp, ball shank, universal shank slide adapter, indicator holder, surface gage adapter and case



Single Dial Large Face Inch | Twin Dial Inch/Metric | Single Dial Metric | Single Dial Inch

				3 Piece Set		9 Piece Set	
Travel (in.)	Graduation (in.)	Dial Dia. (in.)	Indicator Type	Order No.	Price	Order No.	Price
.030	.001	15/16	Single Dial, Inch	**ND50222**	Price	**ND50225**	Price
.030	.0005	1-3/8	Single Dial, Large Face, Inch	**ND5033430**	Price	**ND5033530**	Price
1mm	0.02mm	1-1/16	Single Dial, Metric	**ND50222M**	Price	-	-

BAKER Back Plunger Indicators

ISO 9001

- 1/4" Shank
- .001" Graduation
- .100" Range



Reading	Order No.	Price
0-50-0	**NB73A51**	Price
0-100	**NB73A52**	Price

Starrett Back Plunger Dial Test Indicator

Model 196B-1

MADE IN THE USA

- .001" Graduation
- 0-100 Dial reading
- 0-.200" Range
- MV7050697 supplied with indicator, 3 contact points, clamp, tool post holder, snug and hole attachment
- MV7050699 supplied with indicator, 3 contact points and adapter only
- MV7066865 supplied with indicator, 3 contact points and adapter only - with letter of certification



Range (in.)	Graduation (in.)	Dial Reading	Description	Order No.	Price
.200	.001	0-100	Non Certified	**MV7050697**	Price
.200	.001	0-100	Non Certified	**MV7050699**	Price
.200	.001	0-100	Standard Letter of Certification	**MV7066865**	Price

BAKER Back Plunger Indicator Sets

- .001" Graduation
- 1-1/2" Dial diameter
- 0.1" Range

ISO 9001



Range	Graduation	Reading	Order No.	Price
.100	.001	0-100	**NB73U52**	Price
.100	.001	0-50-0	**NB73U51**	Price

Fowler Back Plunger Dial Indicator Set

Set Includes:

- Dependable, easy-to-use
- Indicator is fully jewelled
- Dial diameter: 1.5"
- Graduation: .001"
- Dial reading:0-100, Range: .200"
- Includes G-clamp, tool post base, vertical rod, swinging arm, ball anvil, 1/2" anvil, thumb clamp and 11/32" standard anvil



Order No.	Price
NA5552570010	Price

Back Plunger Dial Indicators

- Mounting post and hole attachment are on common axis for quick, accurate centering
- Accepts direct reading hole attachment
- Screws directly into base - no supporting arms needed
- Reaches into deeper holes
- Jeweled bearings
- Range in two revolutions

MADE IN THE USA



Range	Dial Reading	Graduation	Comments	Order No.	Price
.200	Continuous: 0-.100	.001	Indicator Only	**ND50299B**	Price
.200	Continuous: 0-.100	.001	Order No. 299 plus accessories	**ND50299A**	Price

Contact Points

Diameter (in.)	Order No.	Price
3/16	**ND50299C**	Price
1/2	**ND50299E**	Price

Fowler Multimode Electronic Test Indicator

QuadraTest

- 4 Measuring modes- min, max, TIR and direct
- True inch/metric conversion
- Water, oil and coolant resistant to IP65
- 1-1/2" diameter dial face rotates a full 360°
- Bar graph and numeric digital display
- Meets or exceeds Din/ISO standards maximum error on .00005" scale at full range: .0004"
- .080" contact ball diameter



Contact Point Length	Dial Reading	Resolution	Order No.	Price
1/2	0-40-0	.00005/0.001mm	**NA5554562777**	Price

PROCHECK Premium Quill Clamp Indicator Holder

- Heavy duty construction
- CNC machined body
- Red anodized finish



Order No.	Price
PC21QC1	Price

PROCHECK All Position Indicator Holder

- 1-7/8" Capacity
- Reach from 0 - 12" diameter
- Adapts immediately for fast and positive indication
- Indicator not included



Order No.	Price
MV60MQA178	Price

CDI Angle & Hole Attachments

MADE IN THE USA

- Used for testing and checking internal surfaces or those not easily reached by regular dial spindles



Description	Order No.	Price
Internal Hole, Long	**MV65CDI286**	Price
Internal Hole, Short	**MV65CDI29**	Price
Right Angle Attachment	**MV65CDI30**	Price

PROCHECK Universal Clamp Axial Support

- Central lock



Order No.	Price
PC21UC1	Price

CDI Accessories for AGD Indicators Holding Rods

MADE IN THE USA

Fits all brands of AGD style indicators - ISO 9001/2000



Description	Order No.	Price
5/16 x 6 Long	**MV65CDI60**	Price
3/8 x 7-1/2 Long	**MV65CDI61**	Price
1/2 x 8 Long	**MV65CDI62**	Price
3/4 x 8 Long	**MV65CDI63**	Price

CDI Mounting Collets

MADE IN THE USA

- Five models available for various fixturing positions
- All are compatible with CDI electronic indicators

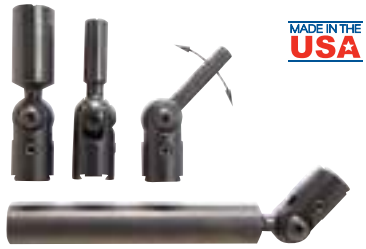


Description	Order No.	Price
Split Collet 1/2 OD x 3/8 ID	**MV65CDI90**	Price
5/16-40 Internal Thread, 3/8 Hole	**MV65CDI92**	Price
1/2-32 External Thread, 3/8 Hole	**MV65CDI94**	Price
9/16-18 External Thread, 3/8 Hole	**MV65CDI96**	Price
3/8-32 External Thread, 3/8 Hole	**MV65CDI98**	Price

NOVA ENGINEERING Indicator Swivel

- Swivel tension and clamping mechanism adjust independently
- Smooth swivel action using high-strength engineered polymer bearings
- Fits standard dovetail-style test indicators
- Hardened stem and dove-tail pin
- Black oxide finish for corrosion resistance





MADE IN THE USA

Description (in.)	Order No.	Price
5/32 x 1.4 Long	**MV6153S**	Price
7/32 x 1.4 Long	**MV6173S**	Price
3/8 x 1.4 Long	**MV6138S**	Price
3/8 x 2.2 Long	**MV6138L**	Price
8mm x 1.4 Long	**MV618MMS**	Price

INDICOL Standard Indicol Holders



- To check concentricity alignment and perpendicularity all without removing tools from spindle
- Any popular indicator with a 5/32" shank or dovetail mounting may be used
- Designed for use on Bridgeports, jig bores, vertical mills, etc
- Does not disturb the working tool
- Mounts with single pressure screw directly on machine quill
- Adapts immediately for fast and positive indicating
- MV60178 shown

MADE IN THE USA

Type - Style M Indicol		
Diameter (in.)	Order No.	Price
2-1/4	**MV60225**	Price
2-1/2	**MV60250**	Price
2-3/4	**MV60275**	Price
3	**MV60300**	Price

Type - Style S Indicol		
Diameter (in.)	Order No.	Price
1-3/8	**MV60138**	Price
1-7/8	**MV60178†**	Price
2	**MV60200**	Price

†For Bridgeport "J" Head

INDICOL Adjustol Indicol with Fine Adjustment

MADE IN THE USA



- To check concentricity alignment and perpendicularity all without removing tools from spindle
- Any popular indicator with a 5/32" shank or dovetail mounting may be used
- Designed for use on Bridgeports, jig bores, vertical mills, etc
- Does not disturb the working tool
- Mounts with single pressure screw directly on machine quill
- Adapts immediately for fast and positive indicating

Style - Style M Indicol		
Diameter (in.)	Order No.	Price
2-1/4	**MV60225II**	Price
2-1/2	**MV60250II**	Price
2-3/4	**MV60275II**	Price

Style - Style S Indicol		
Diameter (in.)	Order No.	Price
1-3/8	**MV60138II**	Price
1-7/8	**MV60178II†**	Price
2	**MV60200II**	Price

†For Bridgeport "J" Head

INDICOL Adjustol Rods



- Fine adjustment

Fits	Order No.	Price
For Holders 138 thru 200	**MV60100**	Price
For Holders 225 thru 300	**MV60150**	Price

INDICOL Minindicol Holder



- Simplified version of Indicol holder with 3 point adjustment
- Shank is 1/4"
- For dovetail and 5/32" stem indicators

Type	Order No.	Price
Standard	**MV60400**	Price
Fine Adjustment	**MV60400II**	Price

INDICOL Half Round Combination Holder



- With two point adjustment
- 1/4" Diameter shank
- For dovetail and 5/32" stem indicator

Order No.	Price
MV60HRH	Price

INDICOL Cylindrical Holder



- For dovetail and 5/32" stem indicators

Fits (in.)	Order No.	Price
For 3/16 Shank	**MV60CH3**	Price
For 1/4 Shank	**MV60CH4**	Price

INDICOL Double Jointed Holder



- 3-Link rod is 3/8" diameter
- 2-1/4" Long extension

Order No.	Price
MV60DJH	Price

INDICOL Extra Grip



- To hold from 3/16 - 1/4" diameter shanks

Order No.	Price
MV60EG	Price

INDICOL Universal Swivel Holder



- Three diameters in one holder 1/4", 3/16", and 5/32
- Fits 1/4" dovetail

Order No.	Price
MV60MDSH	Price

INDICOL Indicator Tree



- Multi purpose step indicator holder consists of 15 diameters from 1/4" to 1-1/8" (in 1/16" increments) for time saving indicating

Fits (in.)	Order No.	Price
For 5/32 Shank	**MV60T156**	Price
For 1/4 Shank	**MV60T250**	Price

INDICOL Rectangular Holder



- Shank measures 1/4" x 1/2"
- For dovetail and 5/32" stem indicators

Order No.	Price
MV60RH	Price

INDICOL Dovetail Adapters



- 5/32" or 3/16" Diameter

Size (in.)	Order No.	Price
5/32	**MV60DA532**	Price
3/16	**MV60DA316**	Price

PROCHECK Zero Set



- Perfect for milling machines, magnetic bases and all measuring set ups
- Fits all dovetail equipped indicators
- Equipped with a spindle post with 1/4" , 3/8" , and 1/2" diameter
- Checks the alignment of the centers of round materials
- Effective measuring range of 3/8" thru 9"

Order No.	Price
NB75Z9860	Price

PROCHECK Monorail Indicator Holder



- Use in milling machines or holders
- 5/32" hole in shaft accepts dovetail holder with 5/32" stem
- Excellent device for set ups and measure-ments
- Aluminum body, 5-1/2" reach
- Locking shaft for secure mounting

Order No.	Price
NB75Z9861	Price

Indicator Pin Vise Accessory

MADE IN THE USA

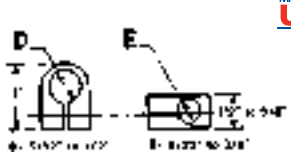
- Allows any AGD dial indicator to hold any diameter probe, needle etc.
- 0 to .040" Capacity
- Uses standard 4-48 thread for easy mounting to indicator spindle



Order No.	Price
GG4518560	31.50

Adjustable Swivel Clamps Medium Duty & Medium Duty T-Handles

Special sizes available on request call for pricing.



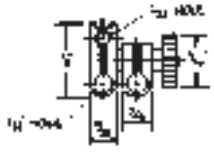
MADE IN THE USA



GEM

Size	Procheck		Gem			
	Adj. Swivel Clamp-Medium Duty-Stainless		Adjustable Swivel Clamp-Medium Duty		Medium Duty T-Handle Swivel Clamp	
	Order No.	Price	Order No.	Price	Order No.	Price
5/32 x 5/16	NB75Z7000SS	Price	ND50S1	Price	ND50ST1	Price
1/4 x 5/16	NB75Z7002SS	Price	ND50S2	Price	ND50ST2	Price
1/4 x 3/8	NB75Z7004SS	Price	ND50S3	Price	ND50ST3	Price
1/4 x 1/4	NB75Z7006SS	Price	ND50S4	Price	ND50ST4	Price
5/16 x 5/16	NB75Z7008SS	Price	ND50S5	Price	ND50ST5	Price
5/16 x 3/8	NB75Z7010SS	Price	ND50S6	Price	ND50ST6	Price
3/8 x 3/8	NB75Z7012SS	Price	ND50S7	Price	ND50ST7	Price
3/8 x 1/2	NB75Z7014SS	Price	ND50S8	Price	ND50ST8	Price

GEM Medium Duty Swivel Clamps



MADE IN THE USA



Style - Dovetail		
Size	Order No.	Price
7/32 x 7/32	ND50DTS01	Price
7/32 x 1/4	ND50DTS02	Price
1/4 x 1/4	ND50DTS03	Price

Style - Plain		
Size	Order No.	Price
1/4 x 1/4	ND50MS01	Price
3/16 x 1/4	ND50MS02	Price
1/4 x 1/8	ND50MS03	Price
1/4 x 5/32	ND50MS04	Price

GEM Heavy Duty Clamps





Size	Order No.	Price
3/8 x 3/8	ND50SH9	Price
3/8 x 1/2	ND50SH10	Price
1/2 x 1/2	ND50SH11	Price
1/2 x 5/8	ND50SH12	Price
5/8 x 5/8	ND50SH13	Price
5/8 x 3/4	ND50SH14	Price
3/4 x 3/4	ND50SH15	Price
3/4 x 1	ND50SH16	Price
1 x 1	ND50SH17	Price

GEM Positive-Locking Clamps

- Insert allows 24 different clamping positions
- Settings adjust in 15° increments
- More economical than custom-made clamps
- For OEM production lines, MRO applications, and more
- Available in 3/8" to 1" diameter

MADE IN THE USA



Size	Order No.	Price
3/8 x 3/8	ND50SHPL9	Price
3/8 x 1/2	ND50SHPL10	Price
1/2 x 1/2	ND50SHPL11	Price
1/2 x 5/8	ND50SHPL12	Price
5/8 x 5/8	ND50SHPL13	Price
5/8 x 3/4	ND50SHPL14	Price
3/4 x 3/4	ND50SHPL15	Price
3/4 x 1	ND50SHPL16	Price
1 x 1	ND50SHPL17	Price

PROCHECK Economy Select-A-Point Kit



- A complete set of 22 different points, increasing the versatility of your indicators
- Fits all AGD 1, 2, 3, 4 drop style indicators

Order No.	Price
NB75VP22SP	Price

PROCHECK Indicator Point Kit for all AGD Style Indicators

MADE IN THE USA



- For all AGD style indicators
- The most useful accessory for all dial indicators - a complete set of 22 different points, increasing the versatility of your indicators

Order No.	Price
NB75Z9000	Price

PROCHECK Holding Bar for Height Gages

MADE IN THE USA

NB75Z9611



- Holding bar with pin

Size	Type	Order No.	Price
3/16 x 5/16	Height Gage Bar With Pin	NB75Z9611	Price
1/4 x 1/2 x 3	Swivel Joint & Height Gage Bar	NB75Z9627SETSS	Price
1/4 x 3	Universal Dovetail Indicator Holder	NB75Z9008SS	Price
3/8 x 4-1/2	Double Jointed Holder	NB75Z9665SS	Price

PROCHECK Indicator Accessories

New!

- 1 Year Warranty

Item	Description	Order No.	Price
	1/4" Shank Universal Test Indicator Mount with Dovetail Mount	PC21UDIH143	Price
	1/4" x 1/2" Height Gage Bar with Dovetail Clamp with 3/8" Hole and Dovetail Mount	PC21RH1412DTC5	Price
	Bushing adapts 5/32" test indicator stems to 3/8" diameter	PC21B38532	Price
	Triple Joints allow for multiple test indicator positions. Dovetail or 5/32" Stem Mount	PC21AS38DT	Price
	Universal 5/32" stem fits most test indicators with dovetail mounts	PC21DTS532	Price

PROCHECK Test Indicator Accessory Kit

New!



- Includes: Height Gage Bar with Universal Dovetail; 3/8" clamp, Universal Dovetail Holder with 1/4" Shank; Axial support with 3/8" shank; 3/8 to 5/32" bushing and 5/32" Dovetail stem
- Supplied in convenient case with slot for test indicator
- 1 Year Warranty

Order No.	Price
PC21TIAKT1	Price

GEM Indicator Accessories

MADE IN THE USA

Item	Type	Order No.	Price
	Cap	ND50299N†	3.50
	Indicator Holder with 3/8 Shank	ND5045	Price
	Slide Adaptor(for use with No. 35 on 18" & 24" Height Gages)	ND5036	Price
	Surface Gage Adaptor	ND50515	Price
	Swivel Clamp 1/4 & 5/16 Holes	ND50299K	Price

†Accessories for 299A and 399B

Interapid Accessories

Item	Description	Order No.	Price
	Axial Support	MV4041656	Price
	Holding Bar with Pins	MV4041689	Price
	Swivel Joint	MV4041663	Price
	Swivel Joint & Height Gage Bar	MV4041651	Price

Interapid Contact Points



	Carbide Ball Indicator Point									Chrome Ball Indicator Point								
	.031			.060			.080			.031			.060			.080		
Length (in.)	Ref No.	Order No.	Price	Ref No.	Order No.	Price	Ref No.	Order No.	Price	Ref No.	Order No.	Price	Ref No.	Order No.	Price	Ref No.	Order No.	Price
11/16	T-485	MV4041649	Price	T-483	MV4041648	Price	T-481	MV4041647	Price	T-491	MV4041662	Price	T-489	MV4041661	Price	T-487	MV4041660	Price
13/16	T-486	MV4041694	Price	T-484	MV4041693	Price	T-482	MV4042776	Price	T-492	MV4041697	Price	T-490	MV4041696	Price	T-488	MV4041695	Price
1.750	T-495	MV4041699†	37.00	-	-	-	T-493	MV4041698†	37.00	-	-	-	-	-	-	-	-	-

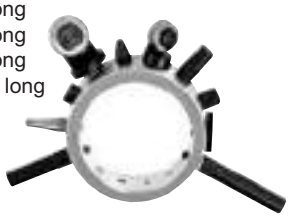
†Actual reading x 2 = real measurement
Other size ball diameters available

PROCHECK Contact Point Ring

Kit Contains:

- (1) 3/8” CNC qualified roller bearing
- (1) 1/2” CNC qualified roller bearing
- (1) 3mm Ruby tip 1/2” long
- (1) Flat steel point 7/32” diameter 1/4” long
- (1) Flat steel point 7/32” diameter 1/2” long
- (1) Flat steel point 7/32” diameter 3/4” long
- (1) Flat steel point 7/32” diameter 1-1/4” long
- (1) Flat contact 1/4” wide
- (1) Flat contact 1/2” wide
- (1) .060” Steel ball tip, 5/16” long

MADE IN THE USA



Order No.	Price
NB75Z9013	Price

PROCHECK Magnetic Base System For Dial Indicators

MADE IN THE USA



- A versatile and time saving system for mounting any dial indicator to any metal surface
- Applications include mounting on machine tools for use in process gaging applications, set ups, and many other uses
- System consists of our standard magnetic mounting base, with interchangeable backs to fit most AGD 1 and 2 dial indicators

Description	Order No.	Price
2" Aluminum Flat Back - No Holes	NB75Z2691†	8.95
AGD 1 - Fits Peacock, MTi, Enco	NB75Z2700	Price
AGD 2 - Fits Ames	NB75Z2705	Price
AGD 2 - Fits Brown & Sharpe	NB75Z2710	Price
AGD 2 - Fits Brown & Sharpe black face	NB75Z2760	Price
AGD 2 - Fits Federal	NB75Z2715	Price
AGD 2 - Fits Helios	NB75Z2720	Price
AGD 2 - Fits Kaefer	NB75Z2725	Price
AGD 2 - Fits MTI, Peacock, Enco	NB75Z2730	Price
AGD 2 - Fits Scherr Tumico (S-T) & Sears	NB75Z2745	Price
AGD 2 - Fits SPI 24-300 series	NB75Z2750	Price
AGD 2 - Fits SPI Amtos Chinese Indicators	NB75Z2755	Price
AGD 2 - Fits Starrett	NB75Z2735	Price
Magnetic Base ONLY-with 8-36 Mounting Stud	NB75Z2690	Price
Universal Back-4 elongated holes for non standard indicator backs	NB75Z2692	Price

†You drill to fit your indicator-use with NB75Z2690 for magnetic back set†You drill to fit your indicator-use with NB75Z2690 for magnetic back set

PROCHECK Metric Indicator Stem Bushing



- Accepts 8mm indicator stem — converts to 3/8” diameter stem
- Split on one side for entire length
- 5/8” head OD x .065” thick
- 9/16” Overall length

MADE IN THE USA

Order No.	Price
NB75Z2105	Price

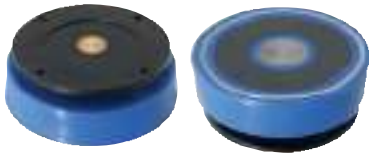
PROCHECK Indicator Accessories

MADE IN THE USA

Item	Description	Order No.	Price
	Angle Attachment-3/8 Shank & Hole	NB75Z9640	Price
	Axial Support 3 -3/8 Dia.-Stainless Steel	NB75Z9610SS	Price
	Dial Indicator Depth Base - 2-1/2 Long	NB75Z9228	Price
	Dial Indicator Depth Base - 4" Long	NB75Z9229	Price
	Dovetail Stem-1/4 Diameter	NB75Z7502	Price
	Dovetail Stem-5/16 Diameter	NB75Z7503	Price
	Dovetail Stem-5/32 Diameter	NB75Z7500	Price
	Dovetail Stem-7/32 Diameter	NB75Z7501	Price
	Half Round Holder with Dovetail & 5/32 Mount	NB75Z7800	Price
	Rectangular Bar-3/16 x 5/16	NB75Z9625	Price
	Round Bar-7/32" Diameter	NB75Z9630	Price
	Single Joint Holder-1/4 Shank Dovetail Mount	NB75Z9660	Price
	Swivel Clamp 3/8 & 7/32 Hole	NB75Z9600	Price
	Swivel Clamp 3/8 & 1/4 Hole	NB75Z9601	Price
	Swivel Clamp Holding Bar Set	NB75Z9600SET	Price
	Swivel Support 3/8 Dia. x 1" Long Shank	NB75Z9635	Price
	Swivel Support 3/8 Dia. x 3-5/8 Long Shank	NB75Z9636	Price
	Universal Dovetail Clamp-1/8 to 1/4 & Dovetail	NB75Z9618	Price

PROCHECK Magnetic Indicator Back

- Fits most AGD2 dial indicators
- Magnet screws on/off
- Strong magnet
- 1 Year Warranty



Order No.	Price
PC21MIB2	Price

Fowler Extension Points for Dial Indicators

- Stackable with other inch/metric extensions



Description	Order No.	Price
1" Extension Point for Dial Indicator 4-48 Thread	**NA55525260010**	Price
1" Extension Point for Dial Indicator M2.5 Thread	**NA55525260110**	Price
1.5" Extension Point for Dial Indicator M2.5 Thread	**NA55525260120**	Price
2" Extension Point for Dial Indicator 4-48 Thread	**NA55525260030**	Price
2" Extension Point for Dial Indicator M2.5 Thread	**NA55525260130**	Price
2.5" Extension Point for Dial Indicator M2.5 Thread	**NA55525260140**	Price
3" Extension Point for Dial Indicator M2.5 Thread	**NA55525260150**	Price
4" Extension Point for Dial Indicator 4-48 Thread	**NA55525260060**	Price
4" Extension Point for Dial Indicator M2.5 Thread	**NA55525260160**	Price
6" Extension Point for Dial Indicator 4-48 Thread	**NA55525260070**	Price
6" Extension Point for Dial Indicator M2.5 Thread	**NA55525260170**	Price

Mitutoyo Magnetic Indicator Backs

- Two magnetic backs are available for Mitutoyo series 2 and 3 AGD dial indicators and fit on inch or metric indicators
- The magnet is designed to avoid direct contact with work surfaces, resulting in a longer lasting magnet, and stronger gripping power



Type	Order No.	Price
AGD 2	**MT80900928**	Price
AGD 3	**MT80900929**	Price

Mitutoyo Accessories

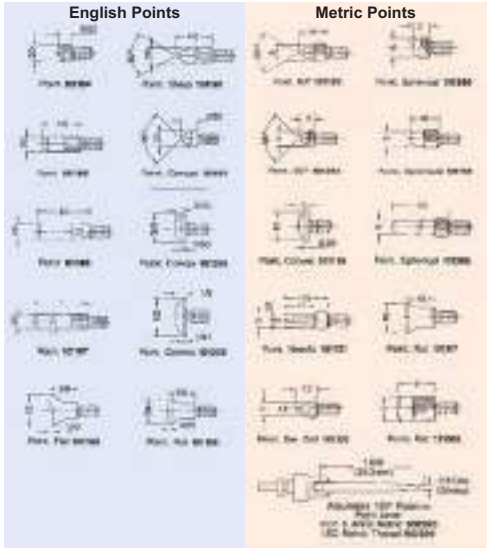


Description	Order No.	Price
Universal Holder 1/4 Dia.	**MT8121CZA231**	Price
Clamp with Dovetail 5/32 x 5/16 Dia	**MT80900321**	Price
Holding Bar .35 x .35	**MT80900209**	Price
Holding Bar 1/2 x 1/4	**MT80900306**	Price
Holding Bar 5/16 Dia	**MT80900211**	Price

Mitutoyo Accessories for Dial Indicators Type 1, 2, & 3















Style - English			
Description	**Type**	**Order No.**	**Price**
Point, Carbide Tipped	AGD 1, 2, & 3	**MT8021BZB005**	Price
Back, Flat	AGD 1	**MT80101211**	Price
Back, Flat	AGD 2	**MT80101039**	Price
Back, Post	AGD 2	**MT80101169**	Price
Back, Post	AGD 3	**MT80100839**	Price
Conical Point, 60°	AGD 1, 2, & 3	**MT80101190**	Price
Conical Point, 90°	AGD 1, 2, & 3	**MT80101191**	Price

Style - English			
Description	**Type**	**Order No.**	**Price**
Dovetail Rack Back	AGD 2	**MT80129902**	Price
Point, Carbide Tipped	AGD 1, 2, & 3	**MT80901312**	Price
Point, Flat dia 3/8	AGD 1, 2, & 3	**MT80101189**	Price
Point, Flat dia. 1/2	AGD 1, 2, & 3	**MT80101188**	Price
Point, Length 1	AGD 1, 2, & 3	**MT80101187**	Price
Point, Length 1/2	AGD 1, 2, & 3	**MT80101185**	Price
Point, Length 3/4	AGD 1, 2, & 3	**MT80101186**	Price
Point, Length 5/32	AGD 1, 2, & 3	**MT80101184**	Price
Point, Lever	AGD 1, 2, & 3	**MT80900393**	Price
Screw for lever	AGD 1, 2, & 3	**MT80101047**	Price
Spherical Point, 1/2"	AGD 1, 2, & 3	**MT80101205**	Price
Spherical Point, 3/8"	AGD 1, 2, & 3	**MT80101204**	Price

Style - Metric			
Description	**Type**	**Order No.**	**Price**
Back, Adjustable	AGD 2	**MT80136026**	Price
Back, Adjustable	AGD 3	**MT80100838**	Price
Back, Flat	AGD 3	**MT80100836**	Price
Back, Lug on center	AGD 1	**MT80101210**	Price
Back, Lug on center	AGD 1	**MT80101307**	Price
Back, Lug on center	AGD 2	**MT80101040**	Price
Back, Lug on center	AGD 2	**MT80101306**	Price
Back, Lug on center	AGD 3	**MT80100797**	Price
Back, Offset Lug	AGD 2	**MT80101167**	Price
Back, Offset Lug	AGD 3	**MT80100837**	Price
Back, Screw Mount	AGD 2	**MT80101170**	Price
Back, Screw Mount	AGD 2	**MT80136023**	Price
Back, Screw Mount	AGD 3	**MT80100840**	Price
Back, Screw Mount	AGD 3	**MT80136024**	Price
Point, 60°	AGD 1, 2, & 3	**MT80101120**	Price
Point, 90°	AGD 1, 2, & 3	**MT80101385**	Price
Point, Adjust Arm; Arm Length 26.3mm:Ball dia. 3mm	AGD 1, 2, & 3	**MT80900391**	Price
Point, Flat 10mm dia & length	AGD 1, 2, & 3	**MT80101117**	Price
Point, Small Ball 2mm dia	AGD 1, 2, & 3	**MT80101122**	Price
Point, Spherical	AGD 1, 2, & 3	**MT80101118**	Price
Point, Spherical .5mm dia & length	AGD 1, 2, & 3	**MT80101386**	Price
Point, Spherical .5mm dia & length 25mm	AGD 1, 2, & 3	**MT80101388**	Price
Point, Spherical 10mm dia	AGD 1, 2, & 3	**MT80101119**	Price

Starrett® Extra Length Contact Points

- Used in place of the 1/4" long contact point furnished on Starrett AGD dial indicators
- Standard lengths from 1/2" to 3" in 1/4" increments
- Diameter 13/64"
- 4-48 Screw thread
- Made from high grade steel, hardened, ground and chrome plated



	Flat End Contact Point			Rounded End Contact Point		
Length (in.)	Starrett No.	Order No.	Price	Starrett No.	Order No.	Price
1/4	PT10453	**MV7072048**	Price	PT07215	**MV7070965**	Price
1/2	PT09560	**MV7071260**	Price	PT06677	**MV7070823**	Price
3/4	PT09560A	**MV7071261**	Price	PT06677A	**MV7070824**	Price
1	PT09560B	**MV7071262**	Price	PT06677B	**MV7070825**	Price
2	PT09560F	**MV7071266**	Price	PT06677F	**MV7070829**	Price
3	PT09560K	**MV7071270**	Price	PT06677K	**MV7070833**	Price
1-1/2	PT09560D	**MV7071264**	Price	PT06677D	**MV7070827**	Price
1-1/4	PT09560C	**MV7071263**	Price	PT06677C	**MV7070826**	Price
1-3/4	PT09560E	**MV7071265**	Price	PT06677E	**MV7070828**	Price
2-1/2	PT09560H	**MV7071268**	Price	PT06677H	**MV7070831**	Price
2-1/4	PT09560G	**MV7071267**	Price	PT06677G	**MV7070830**	Price
2-3/4	PT09560J	**MV7071269**	Price	PT06677J	**MV7070832**	Price

Starrett® Contact Points and Accessories

MADE IN THE USA

Type - Steel Contact Point			
Starrett No.	Ball Dia. (in.)	Order No.	Price
PT07087	.120 Ball Diameter	**MV7070912**	Price
PT07136	.062 Ball Diameter	**MV7070944**	Price
PT07137	.035 Ball Diameter	**MV7070945**	Price

Type - Tungsten Carbide Contact Point			
Starrett No.	Ball Dia. (in.)	Order No.	Price
PT07087X	.120 Ball Diameter	**MV7052966**	Price
PT07136X	.062 Ball Diameter	**MV7052965**	Price
PT07137X	.035 Ball Diameter	**MV7052964**	Price



Starrett® Contact Point Set

MADE IN THE USA

- 14 points with 4-48 screw thread to fit AGD dial indicators
- Includes: (1) regular 1/2" long point; (9) special form points; (1) No. 28 shock absorbing anvil; and (3) extra long points 1/2", 3/4" and 1" long
- All are mounted on a convenient aluminum ring for safe keeping and ready selection

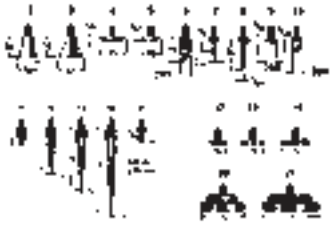


Order No.	Price
MV7050153	Price

Starrett® Special Form Contact Points

MADE IN THE USA

All furnished with #4-48 Screw Threads



Special Form No.	Order No.	Price
2	**MV7070790**	Price
3	**MV7070791**	Price
4	**MV7070792**	Price
7	**MV7070795**	Price
8	**MV7070796**	Price
9	**MV7070797**	Price
10	**MV7070798**	Price
11	**MV7070799**	Price
12	**MV7070800**	Price
13	**MV7070801**	Price
14	**MV7070802**	Price
15	**MV7070803**	Price
17	**MV7070804**	Price

Special Form No.	Order No.	Price
18	**MV7070805**	Price
19	**MV7070806**	Price
20	**MV7070808**	Price
21	**MV7070807**	Price
Contact Point	**MV7070793**	Price
Contact Point	**MV7070794**	Price

Starrett® Type 196/650 Attachments

MADE IN THE USA

Item	Starrett No.	Description	Order No.	Price
	196F	Hole Attachment F/196	**MV7050706**	Price
	196R	Adapter for contact points w/#4-48 thread, as used on AGD Dial Indicators (196G)	**MV7050711**	Price
	PT05471	Contact Point F/196	**MV7070617**	Price
	PT05472	Contact Point F/196	**MV7070618**	Price
	PT05473	Contact Point F/196	**MV7070619**	Price
	PT06632-5	Contact point F/650	**MV7070793**	Price
	PT06632-6	Contact point F/650	**MV7070794**	Price
	PT07215	Rounded End Contact Point	**MV7070965**	Price
	PT18718	Sleeve complete, 1/4 & 5/16 holes (196K)	**MV7050709**	Price
	PT18724	Sleeve complete, 1/4 & 3/8 holes (196L)	**MV7050710**	Price
	PT99437	Clamp	**MV7064492**	Price
	PT99438	Tool post holder with upright spindle (196H)	**MV7064493**	Price

Starrett® Dial Indicator Backs

MADE IN THE USA

For AGD Style Indicators

Item	Type	Fits Indicator Series No.	Starrett No.	Order No.	Price
	Adjustable Bracket Indicator Back	Series No. 25	PT06608M	**MV7070776††**	Price
		Series No. 655	PT06878M	**MV7070874††**	Price
		Series No. 656	PT06903M	**MV7070882††**	Price
		Series No. 81	PT06836M	**MV7070859††**	Price
	Flat Indicator Back	Series No. 25	PT06608J	**MV7070774**	Price
		Series No. 655	PT06878J	**MV7070873**	Price
		Series No. 656	PT06903J	**MV7071995**	Price
		Series No. 81	PT06836J	**MV7070858**	Price
	Lug-Off Center Indicator Back	Series No. 25	PT06608-1	**MV7070770**	Price
		Series No. 655	PT06966A	**MV7071996**	Price
		Series No. 656	PT07317A	**MV7071997**	Price
		Series No. 81	PT06836	**MV7070855**	Price
		Series No. 25	PT07206-1	**MV7070960**	Price
		Series No. 655	PT06966-1	**MV7070888**	Price
		Series No. 656	PT07317-1	**MV7070980**	Price
		Series No. 81	PT06836-1	**MV7070856**	Price
	Screw Type Lug Indicator Back	Series No. 25	PT06608E	**MV7070772†**	Price
		Series No. 655	PT06878E	**MV7072224†**	Price
		Series No. 656	PT06903E	**MV7072225†**	Price
		Series No. 81	PT06836S	**MV7072223†**	Price

† 3/8-24 thread 3/8" lug dia. x 1/8" long
†† 1/2" slot 1/4-20 thread

Starrett® Accessories

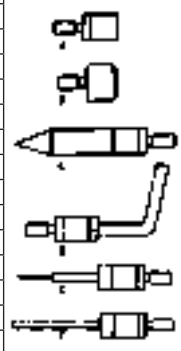
MADE IN THE USA

Item	Starrett No.	Order No.	Price
	PT05116	**MV7070556**	Price
	PT05119	**MV7070557**	Price
	PT07101F	**MV7070924**	Price
	PT07104F	**MV7070929**	Price
	PT13175	**MV7052924**	Price
	PT13301	**MV7071441**	Price
	PT24706	**MV7065064**	Price

PROCHECK Individual Indicator Points

Fits all AGD Group 1, 2, 3, 4 Indicators with 4-48 threads.

MADE IN THE USA



Code	Type	Size (in.)	Order No.	Price
A	Flat Indicator Point	.175	NB75Z9310	Price
		.250	NB75Z9311	Price
		.380	NB75Z9312	Price
		.500	NB75Z9313	Price
		.625	NB75Z9314	Price
		.750	NB75Z9315	Price
		.875	NB75Z9316	Price
		.895	NB75Z9317	Price
		1.250	NB75Z9318	Price
B	Ball Indicator Point	.225	NB75Z9320	Price
		.395	NB75Z9321	Price
		.625	NB75Z9322	Price
		.875	NB75Z9323	Price
		.825	NB75Z9324	Price
C	Cone Indicator Point	.500	NB75Z9332	Price
		.875	NB75Z9327	Price
		.625	NB75Z9329	Price
		.750	NB75Z9328	Price
D	Bent Stem Indicator Point	.312	NB75Z9333	Price
E	Stem Indicator Point	.12 Tip x 1.025	NB75Z9336	Price
E		.25 Tip x 1.025	NB75Z9337	Price
F	Stem Indicator Point	1/16 Tip x 1.157	NB75Z9338LSS	Price

PROCHECK Individual Extension Points

Stainless Steel

- 4-48 Internal and external thread



MADE IN THE USA

Size (in.)	Order No.	Price
.500" Long 4-48 internal & external threads	NB75Z9391SS	Price
.750" Long 4-48 internal & external threads	NB75Z9392SS	Price
1" Long 4-48 internal & external threads	NB75Z9339SS	Price
1.25" Long 4-48 internal & external threads	NB75Z9393SS	Price
1.50" Long 4-48 internal & external threads	NB75Z9343SS	Price
1.75" Long 4-48 internal & external threads	NB75Z9394SS	Price
2" Long 4-48 internal & external threads	NB75Z9340SS	Price
2.50" Long 4-48 internal & external threads	NB75Z9351SS	Price
3" Long 4-48 internal & external threads	NB75Z9341SS	Price
4" Long 4-48 internal & external threads	NB75Z9352SS	Price
6" Long 4-48 internal & external threads	NB75Z9353SS	Price
3 Pc. set-includes 1", 2" & 3" extensions	NB75Z9350SS	Price

PROCHECK Dial Depth Gage Extension Rods



- 4-48 Internal and external thread
- 3/16" Diameter points
- Knurling at the internally tapped end
- Fits all depth gages with AGD 4-48 threads
- Steel

MADE IN THE USA

Length (in.)	Order No.	Price
1	NB75Z9590	Price
1-1/2	NB75Z9591	Price
2	NB75Z9592	Price
3	NB75Z9593	Price

Length (in.)	Order No.	Price
4	NB75Z9594	Price
5	NB75Z9595	Price
6	NB75Z9596	Price

PROCHECK Special CNC Qualified Series Roller Bearing Points

MADE IN THE USA



- Specially manufactured roller bearing points in 3/8" and 1/2" bearing sizes
- Points are constructed to allow the changing of the roller bearings, for unlimited life
- 4-48 threads to fit all AGD standard indicators

Description	Order No.	Price
1/2 Bearing Size	NB75Z9390	Price
3/8 Bearing Size	NB75Z9389	Price

PROCHECK Drop Dial Indicator Contact Tips

MADE IN THE USA





Size (mm/in.)	Ball Material	Order No.	Price
3mm Tip x 1/4 Long with 4-48 Thread	Carbide	NB75Z6960	Price
3mm Tip x 1/4 Long with 4-48 Thread	Ruby	NB75Z6972	Price
3mm Tip x 1/4 Long with M2.5 Thread	Carbide	NB75Z6961	Price
3mm Tip x 1/4 Long with M2.5 Thread	Ruby	NB75Z6973	Price
3mm Tip x 1/2 Long with 4-48 Thread	Carbide	NB75Z6962	Price
3mm Tip x 1/2 Long with 4-48 Thread	Ruby	NB75Z6974	Price
3mm Tip x 3/4 Long with 4-48 Thread	Carbide	NB75Z6964	Price
3mm Tip x 3/4 Long with 4-48 Thread	Ruby	NB75Z6976	Price
4mm Tip x 1/4 Long with 4-48 Thread	Carbide	NB75Z6966	Price
4mm Tip x 1/4 Long with 4-48 Thread	Ruby	NB75Z6978	Price
4mm Tip x 1/4 Long with M2.5 Thread	Carbide	NB75Z6967	Price
4mm Tip x 1/4 Long with M2.5 Thread	Ruby	NB75Z6979	Price
4mm Tip x 1/2 Long with 4-48 Thread	Carbide	NB75Z6968	Price
4mm Tip x 1/2 Long with 4-48 Thread	Ruby	NB75Z6980	Price
4mm Tip x 3/4 Long with 4-48 Thread	Carbide	NB75Z6970	Price
4mm Tip x 3/4 Long with 4-48 Thread	Ruby	NB75Z6982	Price

PROCHECK Replacement Tip For Test Indicators

MADE IN THE USA



PROCHECK Steel Tips	Order No.	Price
.080 x 1/2, M2 Threads	NB75Z6220	Price

Adapt-A-Tip

MADE IN THE USA



- Converts your test indicator tip for use on your dial indicator
- Allows the use of your test indicator tips on your drop style dial indicator
- Use for extended reach applications, measuring small grooves and pockets, or other hard to reach places
- Fits any standard 4-48 threaded AGD dial indicator

Fits Test Indicator Tips	Dia. x Length, Internal Thread	Order No.	Price
Brown & Sharpe	.177 x .33, M1.4 x .35 Threads	NB75Z6995	Price
Interapid, Fowler, Gilrod, Compac, Peacock, Etc.	.177 x .33, M1.7 x .35 Threads	NB75Z6996	Price

GEM Contact Points



Used On: 222, 225, 250, 255, 300-30 & 325-30, 334-30 & 335-30

	Carbide Contact Point		Steel Contact Point	
Diameter	Order No.	Price	Order No.	Price
.032 Diameter	ND50C10	Price	-	-
.045 Diameter	-	-	ND5030	Price
.062 Diameter	ND50C10A	Price	-	-
.109 Diameter	-	-	ND509	Price

PROCHECK Replacement Tips for Interapid Test Indicators

MADE IN THE USA



Type - Carbide Contact Point		
Size (in.)	Order No.	Price
.031 x 11/16	**NB75Z6520**	Price
.031 x 13/16	**NB75Z6525**	Price
.031 x 1.450	**NB75Z6524**	Price
.031 x 1-3/4	**NB75Z6522**	Price
.060 x 11/16	**NB75Z6690**	Price
.060 x 13/16	**NB75Z6692**	Price
.080 x 11/16	**NB75Z6738**	Price
.080 x 13/16	**NB75Z6739**	Price
.080 x 1.450	**NB75Z6809**	Price
.080 x 1-3/4	**NB75Z6742**	Price
.080 x 2-3/4	**NB75Z6879**	Price
.093 x 11/16	**NB75Z6206**	Price
.100 x 2-3/4	**NB75Z6884**	Price

Type - Ruby Contact Point		
Size (in.)	Order No.	Price
2mm x 11/16	**NB75Z6305**	Price
2mm x 13/16	**NB75Z6306**	Price
2mm x 1-3/4	**NB75Z6307**	Price

Type - Steel Contact Point		
Size (in.)	Order No.	Price
.031 x 11/16	**NB75Z6105**	Price
.031 x 13/16	**NB75Z6106**	Price
.060 x 11/16	**NB75Z6200**	Price
.060 x 13/16	**NB75Z6201**	Price
.080 x 11/16	**NB75Z6204**	Price
.080 x 13/16	**NB75Z6225**	Price

PROCHECK Replacement Tips for Tesa Test Indicators

MADE IN THE USA



Type - Carbide Contact Point		
Size (in.)	Order No.	Price
.040 x 1/2	**NB75Z6532**	Price
.040 x 1-1/2	**NB75Z6540**	Price
.080 x 1/2	**NB75Z6534**	Price
.080 x 1-1/2	**NB75Z6542**	Price
.120 x 1/2	**NB75Z6536**	Price
.120 x 1-1/2	**NB75Z6544**	Price

Type - Ruby Contact Point		
Size (in.)	Order No.	Price
2mm x 1/2	**NB75Z6312**	Price
2mm x 1-1/2	**NB75Z6313**	Price

Type - Steel Contact Point		
Size (in.)	Order No.	Price
.031 x 1/2	**NB75Z6032**	Price
.031 x 1-1/2	**NB75Z6044**	Price
.040 x 1/2	**NB75Z6033**	Price
.040 x 1-1/2	**NB75Z6045**	Price
.060 x 1/2	**NB75Z6034**	Price
.060 x 1-1/2	**NB75Z6046**	Price
.080 x 1/2	**NB75Z6035**	Price
.080 x 1-1/2	**NB75Z6047**	Price
.090 x 1/2	**NB75Z6036**	Price
.090 x 1-1/2	**NB75Z6048**	Price
.120 x 1/2	**NB75Z6042**	Price
.120 x 1-1/2	**NB75Z6050**	Price

Note: Lengths are approximate. Tips are manufactured to fit the specific indicator.

PROCHECK Special Contact Points for AGD 1, 2, 3 & 4 Indicators with 4-48 Threads

MADE IN THE USA

Item	Description	Order No.	Price
	MM/Inch Conversion Tip Point (4-48 Internal/2.5mm External)	**NB75Z9344SS**	Price
	3/8" Diameter Button Contact Point	**NB75Z9355**	Price
	1/2" Diameter Button Contact Point	**NB75Z9356**	Price
	3/4" Diameter Button Contact Point	**NB75Z9357**	Price
	1/4" Diameter Flat Contact Point	**NB75Z9365**	Price
	3/8" Diameter Flat Contact Point	**NB75Z9366**	Price
	1/2" Diameter Flat Contact Point	**NB75Z9367**	Price
	5/8" Diameter Flat Contact Point	**NB75Z9368**	Price
	3/4" Diameter Flat Contact Point	**NB75Z9370**	Price
	1" Diameter Flat Contact Point	**NB75Z9369**	Price
	1-1/2" Diameter Flat Contact Point	**NB75Z9371**	Price
	13/32" Long Tapered Contact Point	**NB75Z9375**	Price
	1" Long Tapered Contact Point	**NB75Z9376**	Price
	1-1/2" Long Tapered Contact Point	**NB75Z9377**	Price
	Radius Contact Point	**NB75Z9380**	Price
	Chisel Contact Point	**NB75Z9381**	Price
	Offset Chisel Contact Point	**NB75Z9382**	Price
	1/8" Steel Ball Point	**NB75Z9383**	Price
	1/8" Carbide Ball Point	**NB75Z9384**	Price
	1/4" Steel Ball Point	**NB75Z9385**	Price
	5/16" Cone Point Point	**NB75Z9386**	Price
	1/16" Needle Stud Point	**NB75Z9387**	Price
	Roller Anvil Point	**NB75Z9388**	Price
	Standard Ball Point (4-48 Thread)	**NB75Z9396**	Price

PROCHECK CMM Contact Styli M2 Threads, Stainless Steel Body with Grade 10 Ruby Ball



MADE IN THE USA

Ball Size	Length	Renishaw Equiv.	Carbide Probes Equiv.	Fowler Equiv.	Q Mark Equiv.	Order No.	Price
1.5mm Ruby	10mm	PS24R(A/5000/7802)	-	-	TM2-1510	**NB75Z3001**	Price
1.5mm Ruby	40mm	-	-	-	-	**NB75Z3407**	Price
1mm Ruby	10mm	-	265-1R	54-772-300	TM2-1010	**NB75Z3000**	Price
1mm Ruby	20mm	PS23R(A/5000/7808)	266-1R	54-772-301	TM2-1020-07	**NB75Z3010**	Price
2mm Ruby	10mm	PS8R(A/5000/7807)	-	54-772-309	TM2-2010	**NB75Z3090**	Price
2mm Ruby	20mm	PS2R(A/5000/3603)	266-2R	54-772-310	TM2-2020	**NB75Z3100**	Price
3mm Ruby	10mm	PS1R(A/5000/3604)	-	54-772-329	TM2-3010	**NB75Z3290**	Price
3mm Ruby	20mm	PS16R(A/5000/4160)	266-3R	54-772-330	TM2-3020	**NB75Z3300**	Price
3mm Ruby	40mm	-	-	-	-	**NB75Z3410**	Price
4mm Ruby	20mm	PS17R(A/5000/4161)	266-4R	54-772-340	TM2-4020	**NB75Z3400**	Price
5mm Ruby	21mm	-	-	-	-	**NB75Z3405**	Price
6mm Ruby	10mm	PS14R(A/5000/4156)	265-6R	54-772-350	TM2-6010	**NB75Z3500**	Price
8mm Ruby	12mm	PS15R(A/5000/4158)	265-8R	54-772-360	TM2-8015	**NB75Z3600**	Price

PROCHECK Replacement Tips for Brown & Sharpe Test Indicators

MADE IN THE USA

High Quality American Made



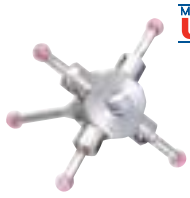
Type - Carbide Contact Point		
Size (in.)	Order No.	Price
.040 x 1/2	**NB75Z6595**	Price
.040 x 1-7/16	**NB75Z6645**	Price
.080 x 1/2	**NB75Z6730**	Price
.080 x 11/16	**NB75Z6830**	Price
.080 x 1-7/16	**NB75Z6802**	Price
.120 x 1-7/16	**NB75Z6918**	Price
.120 x 1/2	**NB75Z6905**	Price

Type - Ruby Contact Point		
Size (in.)	Order No.	Price
2mm x 1/2	**NB75Z6300**	Price
2mm x 1-7/16	**NB75Z6301**	Price

Type - Steel Contact Point		
Size (in.)	Order No.	Price
.040 x 1/2	**NB75Z6149**	Price
.080 x 1/2	**NB75Z6205**	Price
.080 x 1-7/16	**NB75Z6230**	Price
.120 x 1/2	**NB75Z6295**	Price

PROCHECK CMM Star Styli - Stainless Steel Body, with Grade 10 Ruby Ball

MADE IN THE USA



Ball Size	Horiz Lgth.	Vert Lgth.	Thread	Renishaw Equiv.	Fowler Equiv.	Order No.	Price
2mm Ruby	20mm	20mm	M2	PS6R(A/5000/7629)	54-772-862	**NB75Z3862**	Price
2mm Ruby	30mm	20mm	M2	PS7R(A/5000/3626)	-	**NB75Z3863**	Price

PROCHECK CMM Cylinder Styli

MADE IN THE USA



Cylinder Dia.	Length	Shaft Dia.	Thread	Renishaw Equiv.	Fowler Equiv.	Q Mark Equiv.	Order No.	Price
3mm	13mm	1.5mm	M2 x .4	PS19R(M/5000/4153)	54-772-999	TM2-3013-CYL	**NB75Z3999**	Price
3mm	13mm	1.5mm	M3 x .5	-	-	-	**NB75Z3999M3**	Price
3mm	13mm	1.5mm	M4 x .7	-	-	-	**NB75Z3999M4**	Price

PROCHECK CMM M2 Thread Styli Extensions - Stainless Steel

MADE IN THE USA



Diameter	Length	Renishaw Equiv.	Carbide Probes Equiv.	Fowler Equiv.	Q Mark Equiv.	Order No.	Price
3mm	10mm	SE4(M/5000/3647)	265-E10	54-772-810	VM2-10	**NB75Z3810**	Price
3mm	20mm	SE5(M/5000/3648)	265-E20	54-772-820	VM2-20	**NB75Z3820**	Price
3mm	30mm	SE6(M/5000/4162)	265-E30	54-772-830	VM2-30	**NB75Z3830**	Price
3mm	35mm	-	-	-	-	**NB75Z3835**	Price
3mm	40mm	SE18(M/5000/7779)	265E40	54-772-840	VM2-40	**NB75Z3840**	Price
3mm	50mm	-	-	-	-	**NB75Z3849**	Price

PROCHECK Adaptor Tips - Stainless Steel

MADE IN THE USA



Male Thread	Female Thread	Body Dia.	Body Length	Renishaw Equiv.	Carbide Probes Equiv.	Fowler Equiv.	Q Mark Equiv.	Order No.	Price
M2 x .4	M3 x .5	4mm	10mm	SA2(M/5000/4164)	265-AD7	54-772-851	RM2-M3	**NB75Z3851**	Price
M2 x .4	M4 x .7	6.3mm	15mm	-	-	54-772-853	RM4-M2	**NB75Z3853**	Price
M3 x .5	M2 x .4	4mm	5mm	SA3(M/5000/4163)	264-AD5	54-772-850	RM3-M2	**NB75Z3850**	Price
M4 x .7	M2 x .4	6.3mm	5mm	SA5(M/5000/6622)	399	54-772-852	-	**NB75Z3852**	Price
M4 x .7	M3 x .5	6.3mm	10mm	SA6(M/5000/6714)	-	54-772-854	-	**NB75Z3854**	Price

PROCHECK CMM Styli Universal Wrench - Fits all Styli

MADE IN THE USA



Wrench Dia.	Order No.	Price
1.27mm & 1.73mm	**NB75Z2999**	Price

PROCHECK Granite-Check Stand

With Fine Adjustment



NB60G3 - Granite-Check Stand Only
- Microscrew fingertip control
- .00005” Flatness
- Extreme stability
- Full 6” square
- 8” Column
- 2” Thick base
- Accepts all AGD indicators
- Maintenance free

NB65G3N - Granite-Check with Indicator
- Includes 1” travel indicator with .001” graduation, 0-100 reading, revolution counter

Type	Order No.	Price
Granite Check Only (Without Indicator)	**NB60G3**	Price
Granite Check With Indicator	**NB65G3N**	Price

PROCHECK Steel Check Stand



NB60SS1 Steel Check Stand Only (No Indicator)
- 4-1/4” x 5-1/2” Steel table
- .0002” Flatness
- Fine adjustment (range .118)
- Column diameter 1”
- 8” Column
- Accepts all AGD indicators

NB65SS1N- Steel Check Stand with Indicator
- Includes 1” travel indicator with .001” graduation, 0-100 reading, revolution counter

Description	Order No.	Price
Steel Base Indicator Holder	**NB60SS1**	Price
Steel Base Indicator Holder With Indicator	**NB65SS1N**	Price

PROCHECK Steel Check Stand

With Serrated Anvil



NB60SS2 Stand Only:
- Fine adjustment knob
- Serrated anvil for better repeatability
- Working distance is a full 5”
- Heavy duty column
- Indicators can be mounted by lug back or 3/8 stem
- Knuckle rotates 360° for use on platen or surface plate
- Sturdy enameled cast iron base
- Chrome plated column

NB65SS2N Stand with Indicator:
- 1” Travel indicator, .001” graduation, 0-100 reading

	Order No.	Price
Steel Check Serrated Anvil Holder Only	**NB60SS2**	Price
Steel Check Serrated Anvil Holder W/Indicator	**NB65SS2N**	Price

PRECISION The Granite Quick Check Dial Indicator Stand

Provides Rapid Height Positioning and Fine Adjustment with the Turn of a Knob

Features:



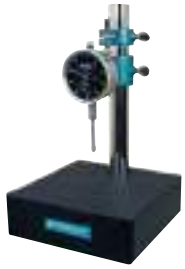
- Ultra-smooth rack & pinion indicator positioner offers 2” of vertical travel
- Rapid adjustment for checking multiple height features on parts
- Twin knobs for left or right hand positioning
- Stem mount indicator holding arm accommodates both 3/8” and 8mm diameter stems
- Granite base: 8” x 6” x 2” high, .00005” flatness
- Stainless steel column
- Column height: 12”
- Column diameter: 9/16”
- Can be used with any AGD indicator (not included)

Order No.	Price
GG4515825	Price

Fowler Indicator & Stand Combos

INDI-X INDI-X blue

Stand Features:
- 6” x 6” x 2” granite base
- Positive lock screw
- Fine adjustment knob for zero setting
- Column height is 8”
- Microscrew fingertip control



Black Face Indicator Features:
- Reading: .001”
- 1” Travel
- AGD 2
- Dial diameter: 2.25”
- Continuous reading: 0-100

Indi-X Blue Electronic Indicator Features:
- Direct inch/metric conversion
- 1”/25mm travel
- Lug back and 3/8” stem diameter
- Resolution .0005”/0.01mm
- Tolerance indicators
- Absolute/incremental reading
- Floating zero
- Carbide tipped point



Indi-X Electronic Indicator Features:
- Direct inch/metric conversion
- 2-1/2” dial face
- Lug back with 3/8” stem diameter
- Resolution .0005”/0.01mm
- Tolerance indicators
- Min/max measurement
- Floating zero
- Carbide-tipped point
- Includes 2 extra points for small hole applications: one .078” dia. x 1” long and one needle point x 1” long



Description	Order No.	Price
Granite Stand With Black Face Dial Indicator	**NA5552580109**	Price
Granite Stand With Indi-X Blue Electronic Indicator	**NA5554580250**	Price
Granite Stand With Indi-X Electronic Indicator	**NA5552580025**	Price

Mitutoyo Dial Gage Stands

7002-10 (with Serrated Anvil)
7001-10 (with Flat Anvil)



- 4” Maximum height capacity
- Fine-adjusting range for zero-setting gage heads
- Designed for AGD type probes with 3/8” diameter stems and all AGD type dial indicators

Description	Order No.	Price
Flat anvil, 3/8" stem hole	**MT807001-10**	Price
Serrated anvil, 3/8" stem hole	**MT807002-10**	Price

Mitutoyo Dovetail Attachment for Test Indicators

Description	Order No.	Price
Fits transfer stand 519-109-10	**MT80390070**	Price

Mitutoyo Transfer Stand

Features:



- Can be used with any AGD dial test indicator or AGD dial indicator
- Big, sturdy, enameled cast-iron base; stain-less steel, ground post mounted at perfect right angles to the base
- Rapid preliminary positioning with the coarse adjustment knob
- Fine adjustment knob on the stand head for “0” settings
- Universal adjustment in horizontal planes
- Arm is easily rotated to position the gage head over a surface plate or the anvil
- Base is precision ground and micro-lapped
- Supplied with serrated anvil 101462 which can be interchanged with flat 101461 and domed 101463 anvils

Type - Transfer Stand		
Description	**Order No.**	**Price**
Transfer Stand with Serrated Anvil	**MT80519-109-10**	Price

Type - Transfer Stand Accessories		
Description	**Order No.**	**Price**
Domed Anvil Only	**MT80101463**	Price
Flat Anvil Only	**MT80101461**	Price
Serrated Anvil Only	**MT80101462**	Price

Indicator not included.

Starrett Dial Test Indicator with Pink Granite Base

- .0005”, 0-25-0, .125” Range dial indicator
- Large pink granite base 8” x 12” x 2”
- 3/4” x 9-7/8” Gage holding rod

MADE IN THE USA



Order No.	Price
MV7055964	Price

Starrett Pink Granite Base with Indicator

- .001”, 0-50-0, .250” Range dial indicator
- 8” x 12” x 2” Granite base
- 5” Throat depth

MADE IN THE USA



Order No.	Price
MV7055966	Price

Starrett Dial Comparator with Indicator

- .001”, 0-50-0, .250” Range dial indicator
- Cast iron base 8” x 9”
- 9-1/4” Vertical capacity
- 5” Throat depth
- 1-1/2” Column diameter
- 1/2” Vertical adjustment of indicator

MADE IN THE USA



Order No.	Price
MV7052737	Price

Starrett Steel Check Stands

Series 3670

Series 3670

- Designed for comparison measurements using a dial or digital indicator
- Vertical fine adjustment is standard
- Rugged bracket holds indicator firmly in place
- Can be used with any AGD indicator
- Furnished with serrated or flat anvil which is ground, lapped, and removable



3671



3672



3673

Starrett No.	Description	Order No.	Price
3671	With round flat anvil	**MV7069901**	Price
3672	With round serrarated anvil	**MV7069902**	Price
3673	With square serrarated anvil	**MV7069903**	Price

PROCHECK Universal Articulating Arm Magnetic Base



- Articulating arm adjusts to multiple configurations
- 85 lbs pull magnetic base
- V-slot base for rounded work
- 1 Year Warranty

Order No.	Price
PC21MBAA85LB	Price

PROCHECK Economy Magnetic Bases



- Accepts all AGD dial indicators
- Permanent magnet (110 lb pull)
- On/off lever releases magnet
- Horizontal and vertical positioning capability
- Chrome rods and column
- V-Grooved base for mounting on cylindrical parts
- Accepts lug back groups 1, 2, 3 and 4
- Base size 2.36"L x 1.90"W x 2.00"H

Description	Order No.	Price
Standard	**NL80300**	Price
Fine Adjustment	**NL80340**	Price

PROCHECK Economy Magnetic Vee Base Only



- 110 lb pull
- On/off switch

Order No.	Price
NL80TMBA	Price

PROCHECK



Description	Order No.	Price
Replacement Clamp 10mm x 6.4mm-with AGD Adaptor	**ND50STMSP7**	Price
Replacement Clamp 12mm x 10mm	**ND50ST8M**	Price

INSIZE Magnetic Base Indicator Holders



- For electronic or dial indicators / test indicators
- Magnetic force: 132 lbf

Model No.	Description	Order No.	Price
6200-60	Without Fine Adjustment	**SZ20620060**	Price
6201-60	With Fine Adjustment	**SZ20620160**	Price

Mitutoyo Magnetic Bases



- 132 lb Pull magnet
- Accepts all AGD-type dial indicators with 3/8" diameter shank and lug back with 1/4" mounting hole
- Indicator NOT included

Description	Order No.	Price
Standard	**MT807010S**	Price
Fine Adjustment	**MT807011BN**	Price

Replacement Base Only for 7010S & 7011BN

Order No.	Price
MT807013B	Price

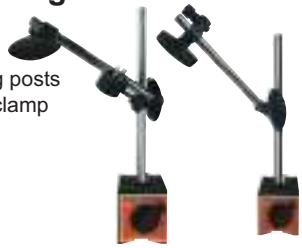
Mitutoyo Flexible-Stand Magnetic Base



- Accepts all AGD 3/8" stems
- Dial indicator held by the lug-on-center back
- Test indicator held by the stem
- Permanent magnet with on-off switch
- Overall length: 15"
- Indicator NOT included

Order No.	Price
MT807012-10	Price

PROCHECK Heavy Duty Magnetic Bases



Base with Arms:
- Attach to flat or round surfaces
- Reach as far as 12" with easy-adjusting posts
- Swivel snug, gauge rod, and indicator clamp
- 1 Year Warranty



Mag Base Only:
- 130 lb. pull
- M8 Thread
- On/Off switch
- 1 Year Warranty

Description	Clamping Force	Order No.	Price
Fine adjustment arm	80 lbf	**PC21MBFA130**	Price
Solid arm	130 lbf	**PC21MBSA130**	Price
V Base Only	130 lbs	**PC21MBO130**	Price

GEM Magnetic Bases and Sets



- Overall height: 9-1/2"
- Base: 1-7/8" x 1-7/8" x 1-5/8"
- Cross bar: 1/4" x 7"
- 3/8" Center post
- 1/4" Cross bar and swivel
- On/off switch
- Four ground surfaces to grip including V slot for round surfaces

MADE IN THE USA

- Magnetic Base Only		
Type	**Order No.**	**Price**
Magnetic Base Indicator Holder	**ND50500**	Price
Magnetic Base Indicator Holder	**ND50500FA**	Price

- Magnetic Base with Indicator		
Type	**Order No.**	**Price**
Fine Adjustment On/Off Magnetic Base With Dial Indicator	**ND50500FA222**	Price

PROCHECK Central Lock Universal Magnetic Base



- Magnetic base indicator holder with triple-jointed arm
- Three adjustable joints controlled by a single knob
- Powerful compact magnetic base
- Positive On/Off switch
- 1 Year Warranty

Order No.	Price
PC21CLMB7FA	Price

PROCHECK Magnetic Dial Indicator Base with Center Lock

New!



Fine Adjustment:
- Sealed system
- 3/8" stem, Lug back and dovetail mount
- One knob to release and position joints
- 130 lbs holding power
- V-groove base
- 1 Year Warranty

Description	Clamp Force	Order No.	Price
With (1) Knob Center Lock, Fine adjustment	130 lbf	**PC21MBCL130**	Price

PROCHECK Magnetic Base Flexible Arm



New!

Flexible Arm:
- With lever lock
- Accepts all AGD indicators
- Offers easy cam lever locking
- Total arm length 12"
- Magnet has 130 lbs holding power
- Case included

Chrome Plated Flex Arm:
- Corrosion resistant chrome plated flex arm
- 130 lbs pull magnet
- Holds rigidly in almost any position
- V-base for mounting on rounded surfaces
- 1 Year Warranty

Description	Clamping Force	Order No.	Price
12" Flexible arm	130 lbf	**PC21MBFL130**	Price
Chrome, Flexible arm	85 lbf	**PC21MBCF130**	Price

Magnetic Base Push Button Release



Post Type
- Designed for use with AGD dial indicators
- Base size 2" x 1-3/4" x 11-5/16"

Flex-Shaft Type
- Universal clamp (accepts 1/8" to 1/2" dia.)
- Easy cam lever locking
- "A" Micro-screw fine adjustor block 5/8" range (smooth)**Post Type**
- Designed for use with AGD dial indicators
- Base size 2" x 1-3/4" x 11-5/16"
- Powerful magnetic base

Description	Order No.	Price
Power On/Off - Standard	**NE60PBMB1**	Price
Power On/Off with Fine Adjustment	**NE60PBMB2**	Price
Power On/Off Flex Holder-Standard	**GG4518028**	Price

INSIZE Universal Magnetic Base Indicator Holder



- With fine adjustment and dovetail groove
- Magnetic force: 176 lbf

Model No.	Order No.	Price
6208-80E	**SZ20620880E**	Price

TESA | Brown & Sharpe Valueline Magnetic Bases

- Base size 2-1/2" W x 2" D x 2" H



Model No.	Arm (in.)	Description	Order No.	Price
01699117	11" Max	Articulated Magnetic Base Indicator Holder	**MV4547435**	Price
01699123	7 x 6.5	Magnetic Base Indicator Holder	**MV4547441**	Price

Starrett Magnetic Base Universal Holder with Triple-Jointed Arm



- 70 lbs. (320 N) holding force
- Positive on/off switch
- Base dimensions: 1-3/16" x1-9/16" x1-3/8" (9.5mm) stem or standard dovetail mount
- Articulating arm with powerful central locking knob
- Maximum horizontal reach: 4.750" (120mm)
- Maximum vertical reach: 7.500" (190mm)
- Fine-adjustment thumb screw

Order No.	Price
MV7068621	Price

Starrett Magnetic Base Indicator Holder



- Large 1-15/16" x 1-5/8" x 1-7/8" base
- 3 Precision ground magnetic contact surfaces
- V-Step holds base to arbors, shafts, & chucks
- Push button on/off switch
- Extra 1/4-20 tapped hole in one side of base for mounting post

Order No.	Price
MV7052743	Price

Starrett Magnetic Base Flex-O-Post Indicator Holder



- 3/8 x 3" Gage rod
- Snug has 3/8" diameter hole for gripping AGD indicators and 5/32" hole for scribers
- Push button on/off switch

Description	Order No.	Price
Fine Adjustment	**MV7052761**	Price
Standard	**MV7052760**	Price

Flex Dial Gage Holder

With Always-On Magnetic Base 360° Fine Adjustment at the Base

- Unique, 5 axis, 3-dimensional holder (2.2” x 2.0” arms)
- Powerful 61LBF magnetic base
- Holds test and dial indicator



Order No.	Price
FN60NF1033	Price

Flex Dial Gage Holder

With Popeye Magnetic Base 360° Fine Adjustment at the Base

- 5 Axis, 3 dimensional holder
- Central locking mechanism with spring loaded bearing
- 70LBF On/off magnetic base
- Holds dial indicator with 3/8” stem and test indicator with dovetail
- Supplied with adapter for 6mm



Order No.	Price
FN60NF1024	Price

Flex Dial Gage Holder

With Fine Adjustment on the Top Clamp

- Universal swivel clamp holds 3/8”, 8mm, 6mm and dovetail
- Noga unique central locking mechanism with spring loaded bearing
- Powerful 70LBF on/off magnetic base
- Length: bottom arm – 2.20”, top arm – 2.00”



Order No.	Price
FN60NF61003	Price

Flex Dial Gage Holder

With Fine Adjustment at the Base

- Holds 3/8” stems and dovetail
- Noga unique central locking mechanism with spring loaded bearing
- Powerful 70LBF on/off magnetic base with fine adjustment at base
- Length: bottom arm – 2.20”,top arm – 2.00”



Order No.	Price
FN60NF10433	Price

Popeye Switchable On/Off Type - Base Only

- 2”W x 2-3/8”L x 2-3/16”H
- 180LBF holding force
- 3 dimensional fine adjustment
- Top thread M8



Order No.	Price
FN60DG3678	Price

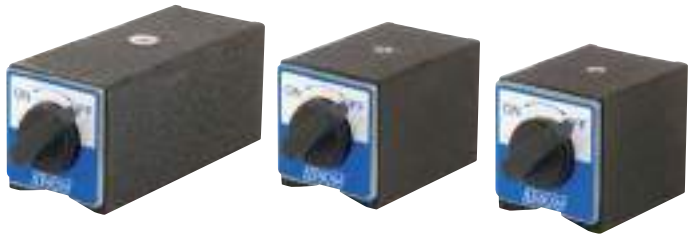
Popeye Switchable On/Off Type - Base Only

- 1-3/16”W x 1-9/16”L x 1-3/8”H
- 70LBF holding force
- 360° fine adjustment
- Top thread M8



Order No.	Price
FN60NF1937	Price

Switchable On/Off Type - Bases Only



Base Size	Top Thread	Order No.	Price
180LBF-2 x 2-3/8 x 2-3/16	M8	**FN60DG0036**	Price
225LBF-2 x 3 x 2-3/16	M8	**FN60DG0038**	Price
290LBF-2 x 4-3/4 x 2-3/16	M10	**FN60DG0039**	Price

Nogaflex Magnetic Base

And Procheck Test Indicator

- Unique, 5 axis, 3 dimensional holder
- With fine adjustment
- Central locking mechanism
- Complete with .030” x .0005” Procheck test indicator



Order No.	Price
NB65NF1033SET	Price

Dial Gage Holders with Power On/Off Magnetic Base

Fine Adjustment At Base

- Top clamp holds 3/8” stem and dovetail
- Central locking mechanism with spring loaded bearing
- Noga dial gauge holder is dimensional
- Powerful 176LBF on/off magnetic base with fine adjustment on the magnet base



Arm Length (in.)	Order No.	Price
4.33 x 3.98	**FN60DG10533**	Price
5.26 x 5.24	**FN60MG10533**	Price

Dial Gage Holders with Power On/Off Magnetic Base

Fine Adjustment On Top Clamp

- Top clamp holds 3/8” stem and dovetail
- Central locking mechanism with spring loaded bearing
- NOGA dial gage holder is 3-dimensional
- Most powerful on/off magnetic base (176 LBF)



Arm Length (in.)	Order No.	Price
5.26 x 5.24	**FN60MG61003**	Price
4.33 x 3.98	**FN60DG61003**	Price

Economy Dial Gage Holders with Magnetic Base

Fine Adjustment At Base

- 3/8” 8mm, 6mm & dovetail clamp
- Unique 3-point arm lock system
- Improved “at base” single direction fine adjustment
- Magnetic base with on/off switch



Arm Length (in.)	Magnetic Base No.	Order No.	Price
4.89 x 4.49	PH3100	**FN60PH3100**	Price
7.87 x 7.48	PH2040	**FN60PH2040**	Price
10.23 x 8.85	PH4016	**FN60PH4016**	Price

Long Reach Heavy Duty Dial Gage Holder with On/Off Magnetic Base

Fine Adjustment On Top Clamp

- Central locking mechanism with spring loaded bearing
- Rigid, steel arms
- Powerful on/off magnetic base (180 LBF)
- Extra long arm (6.43” x 4.45”)



Order No.	Price
FN60MG71003	Price

Big Boy Dial Gage Holder With On/Off Magnetic Base

Fine Adjustment On Top Clamp

- Central locking mechanism with spring loaded bearing
- Most powerful on/off magnetic base (290 LBF)
- 3-Dimensional dial gage holder
- Arm dimensions (12.80” x 9.50”)



Order No.	Price
FN60MA61003	Price

Test Indicator Axial Support

- Central locking arm
- Holds indicators with 3/8” diameter stem or dovetail
- Most useful for centering holes on milling machines





Order No.	Price
FN60NF1018	Price

Heavy Duty Magnetic Base PROCHECK Indicator Set

And Procheck Indicator Set

Noga Magnetic Base

- Central locking mechanism
- Powerfull 176 lb force on/off magnetic base
- Easy 3-dimensional set-up

Procheck AGD 2 Style Dial Indicator

- 0-1” travel with 0-100 dial and .001” graduation
- Revolution counter
- Mount with 3/8” stem or lug back (supplied)

22 Piece Point Set

- 22 contact points (4-48 thread)







Order No.	Price
NB65DG61003DPK	Price

Magnetic Base Indicator Holder

Model NF6160

- New double fine adjustment - Bottom: unique single direction; Top: universal swivel clamp
- Powerful ON/OFF magnetic base with 70 lbs force
- Holds 6mm, 8mm 3/8", dovetail, and back lug
- Unique central locking mechanism with Noga designed spring loaded bearing
- Five axis holder
- Instantly fastens in any position
- Fast and easy to set up gauges into required position
- Black finished arms
- Bottom arm measures 56mm
- Top arm measures 51mm
- Indicator NOT included



Order No.	Price
FN60NF6160	Price

Magnetic Base Indicator Holder

Model MG6161

- New double fine adjustment - Bottom: unique single direction; Top: universal swivel clamp
- Powerful ON/OFF magnetic base with 176 lbs force
- Holds 6mm, 8mm 3/8", dovetail, and back lug
- Unique central locking mechanism with Noga designed spring loaded bearing
- Five axis holder
- Instantly fastens in any position
- Fast and easy to set up gauges into required position
- Black finished arms
- Bottom arm measures 133mm
- Top arm measures 113mm
- Indicator NOT included



Order No.	Price
FN60MG6161	Price

Double Fine Adjustment Magnetic Base

Model DG6160

- New double fine adjustment - Bottom: unique single direction; Top: universal swivel clamp
- Powerful ON/OFF magnetic base with 176 lbs force
- Holds 6mm, 8mm 3/8", dovetail, and back lug
- Unique central locking mechanism with Noga designed spring loaded bearing
- Five axis holder
- Instantly fastens in any position
- Fast and easy to set up gauges into required position
- Black finished arms
- Bottom arm measures 110mm
- Top arm measures 101mm



Order No.	Price
FN60DG6160	Price

8mm Swivel Clamp for Indicators

Model No.	Order No.	Price
FA1100	**FN60FA1100**	Price



Mini Magnetic Indicator Holders

Model LC6200 & LC6210

- Powerful round magnet with 66 lbs force
- Unique central locking mechanism with Noga designed spring loaded bearing
- Five axis holder
- Instantly fastens in any position
- Easy set up into required position
- Black finished arms
- Bottom and top arms both measure 38mm
- Indicator NOT included



Stem Hole	Order No.	Price
8mm	**FN60LC6200**	Price
3/8	**FN60LC6210**	Price

Mini Magnetic Indicator Holder

Model PH5000

- Powerful round magnet with 66 lbs force
- Holds 6mm, 8mm 3/8", dovetail, and back lug
- Uniques swivel clamp for all dial and test indicators
- Easy set up of gauges into required position
- Strong arm lock by using the unique 3-point system
- Black finished arms
- Post measures 110mm
- Arm measures 110mm
- Indicator NOT included



Order No.	Price
FN60PH5000	Price

Centering Universal Holder

Model DG1022

- Used for centering workpieces
- Universal fine adjustment
- Holds 6mm, 8mm, 3/8, dovetail amd back lug
- Centering rod Ø8mm x 40mm
- Black finished arms
- Bottom arm 110mm, top arm 101mm



Order No.	Price
FN60DG1022	Price

Quick Release

Model AD4000

- Make a quick change to your equipment without having to fiddle with screws and threads
- Simply pull back the red sleeve and slot in your camera, light source or any other device into the Quick Release attachment
- Compatible with a range of Noga arms
- Bottom thread M6, top thread 1/4 UNC



Order No.	Price
FN60AD4000	Price

Clamps

Model CS4500 & CS4550

- Soft grip
- Expands onto round and flat surfaces up to 45mm



Desccription	Order No.	Price
1/4 & 3/8 Threads	**FN60CS4500**	Price
1/4, 3/8, M6, & M8 Threads	**FN60CS4550**	Price

Mitutoyo Mini-Magnetic Stand

- Fine adjustment
- Accepts both 1/4” and 5/32” stem
- Overall height 4.8” (approx.)
- 55” LBF magnetic pull



Order No.	Price
MT807014-10	Price

GEM Mini-Magnetic Base

- Fine adjustment
- Powerful permanent magnet base measures 1-3/16” dia. x 1-3/8” high
- Ball swivel locks at 90° at any position in 360°
- 5/16” Diameter center post is 5” high
- Cross bar is 1/4” x 5”

MADE IN THE USA



Description	Order No.	Price
Mini Mag Stand with Fine Adjustment	**ND50555FA**	Price

TESA | brown & sharpe Miti-Mite Permanent Magnet Bases

No. 7762 and 7763 Miti-Mite

- Use on round or flat surfaces
- Swivel clamp hole is 1/4” diameter for stepped rod (included) or for offset rod 599-7753-120
- Base is approximately 1-1/4” square x 1-3/4” high
- Height to top of post is approximately 5-1/2”
- Stepped rod included is 4-1/2” long with steps of 7/32”, 1/4” and 5/16”

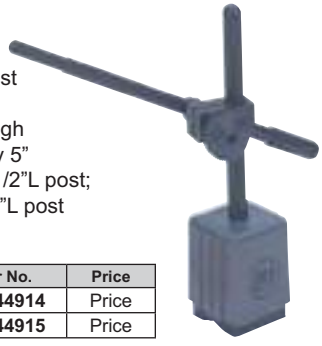


Model No.	Description	Order No.	Price
599-7762	Mini Mag Stand -Standard	**MV4544916**	Price
599-7763	Mini Mag Stand with Fine Adjustment	**MV4544917**	Price

TESA | brown & sharpe Miti-Mite Permanent Magnet Bases

No. 7760 and 7761 Miti-Mite

- Ball and socket action and jointed post
- Use on round or flat surfaces
- Base dimensions1-1/4” sq x 1-3/4” high
- Height to top of post is approximately 5”
- Supplied with one each: 7/32”D x 1-1/2”L post; 7/32”D x 4-3/8”L post; 5/16”D x 1-1/2”L post



Model No.	Description	Order No.	Price
599-7760	Standard	**MV4544914**	Price
599-7761	Fine Adjustment	**MV4544915**	Price

TESA | brown & sharpe Miti-Mite Heavy Duty Permanent Magnet Holder

No. 7764 and 7765 Miti-Mite

- Holder with ball and socket action takes all types of indicators
- Use on round or flat surfaces
- Base is approximately 4” long x 1-1/4” wide x 3/4” high
- Finger-tip release
- Height to top of post is approximately 6-1/4”



Model No.	Description	Order No.	Price
599-7764	HD Permanemt Magnet Holder w/o Fine Adjust	**MV4544918**	Price
599-7765	HD Permanemt Magnet Holder w/ Fine Adjust	**MV4544919**	Price

Flexbar Mini-Flex Magnetic Base with Fine Adjustment

MADE IN THE USA

- Locks in any position
- Heavy duty magnetic base has fine adjustment and 25 lb pull
- Post: 5”
- Base: 1-1/8” dia. x 1-3/8” high



Order No.	Price
GG4518009	Price

PROCHECK Mini-Magnetic Universal Test Indicator Holder with Fine Adjustment

- Base can be installed in vertical, horizontal, angular and inverted positions
- Base size: 1-1/16” diameter, 1” high
- Height: 5”
- Extension rod is 1/4” x 3-1/2” with 1/4” hole
- With fine adjustment



Order No.	Price
KE50MMB1	Price

PROCHECK Magnetic Base with Stage Adaptor

- Universal Magnetic Base
- Stage Adaptor
- Swivel Range 210
- Protective Case Included
- 1 Year Warranty



Order No.	Price
PC21UMB1	Price

Flexible Stem Magnetic Bases



- Stem flexes almost 360° and locks into position with cam lever-operated cable and tension adjustment
- Accepts all AGD indicators
- Permanent magnet (90 lb pull)

	Flexbar		Procheck	
Description	Order No.	Price	Order No.	Price
Flexible Stem-Standard	-	-	NL80350	Price
Flexible Stem-Fine Adjustment	GG4518038	97.20	NL80355	Price

Dual Axis In-Line Fine Adjustor



- The fine adjustment assembly is actuated by a very smooth micro-screw thumb adjustor making it ideal for high precision indicating applications
- Holds AGD dial indicators with 3/8" stems (8mm bushing, adaptor included) and test indicators with dovetail
- On/off mag base with V on bottom: 2" x 2-1/4" x 2-5/8",90 lb pull
- Dual axis fine adjustment
- Height: 18-1/2"

Order No.	Price
GG4518059	Price

Universal Type Magnetic Base Indicator Holders

- Rugged magnetic holder for indicators
- Assures fast accurate work in facing, boring, turning, etc
- Indicator NOT included







Description	Order No.	Price
Universal with Ball Socket & Fine Adjustment	NL80TMB1	Price
Universal Base Only	NL80TMB2	Price
Universal with Fine Adjustment	NL80TMB3	Price

Magnetic Base Indicator Holders

- Ball swivel, locks at 90° at any position in 360°
- Mounts on flat, round and irregular surfaces
- Release lever
- Model G5000, G5000A and G5000B - 55lb pull
- Model G2500 - 35lb pull

Indicator NOT Included



Description	Base Size	Order No.	Price
Ball Swivel with Fine Adjustment	3-1/2 x 1-1/8 x 1	ND50G5000	Price
Ball Swivel - Standard Arm	3-1/2 x 1-1/8 x 1	ND50G5000A	Price
Release Lever Base ONLY	3-1/2 x 1-1/8 x 1	ND50G5000B	Price

Universal Magnetic Base



- 45 lbs. Holding power
- Diecast housing
- 5 Different locations for mounting accessories:
  — 3 Positions 1/4-20 thread for lug mounts
  — 1 Tapped hole 10-32
  — 1 Reamed hole 3/8"

Description	Order No.	Price
Mighty Mag Standard Model - USA	NL8098279	Price
Mighty Mag with Quick Release - USA	NL8098279Q	Price
Universal Mag Base - Import	NL80UMB1	Price

Omnibase Magnetic Base Indicator Holder



- Attaches firmly to any shape or contour
- Dovetail attachment (included) – the unit accommodates AGD and test indicators
- Cam-lock mechanism for fine adjustment
- Powerful permanent magnet

Order No.	Price
MV4551945	Price

Magnetic Contour Form Base

- Cam lock mechanism easily loosens segments for contour adjustments - No more hassles using an extra fixture to set indicators
- Unlimited versatility; can be used with coolant systems, lamps, etc.
- Available with fine adjusments or flexible arms and clamps
- 1 Year Warranty

New!







Description	Order No.	Price
Contour Form, Fine Adjustment	PC21MBAFA130	Price
Contour Form, Chrome Flex Arm	PC21MBAFL130	Price
Contour Form, Base Only	PC21MBAO130	Price

Blohm Chain Indicator Holder

MADE IN THE USA

Used in Flex coupling, steadyrest and horizontal boring mill alignment.



- Fast and easy setup
- Solid mounting
- Cast aluminum body
- 3 Rods of varying lengths furnished
- 3 Rod mounting holes
- Chain length 30”

Order No.	Price
NL80CH1	Price

Indicator NOT Inlcuded

Chain-Clamp Indicator Holder

- **24” Chain-Clamp Holder—** has a lightweight aluminum body with stainless steel holding rods (one 5/16” diameter x 3” long. and one 5/16” diameter x 6” long). A 24” chain (ANSI No. 41) for a 9” diameter capacity adds flexibility.
- **Reverse Alignment Kit—** enables you to take simultaneous shaft-to-shaft readings (also known as reverse alignment). Includes two chain clamps, inspection mirror, and plastic storage case.
- **Complete Reverse Alignment Kit with Test Indicators—** using the two Starrett indicators at different points along the shaft, you can easily find any shaft misalignment. Includes two chain clamps, two Starrett 196B1 test indicators (0-0.2” range, graduated in .001” increments, 0-100 dial reading), two swivel clamps, inspection mirror, and a plastic storage case.



MADE IN THE USA

Description	Order No.	Price
24" Chain-Clamp Holder	NL81SLS1	Price
Reverse Alignment Kit	NL81SLS2	Price
Complete Reverse Alignment Kit	NL81SLS3	Price

Flexpost® Clamp On Indicator Holder

MADE IN THE USA

Maximum Rigidity/Excellent Positioning

- C-Clamp Type
- 1-3/8” Vertically
- Throat to center of screw – 3/4”



Order No.	Price
GG4518032	Price

Flexarm Vise Grip Indicator Holder

MADE IN THE USA

Attaches to Any Convenient Object

- Flexbar Flexarm holder
- 7CR vise grip clamp



Order No.	Price
GG4518053	Price

Off-The-Post Flexpost®

MADE IN THE USA

Maximum Rigidity Excellent Positioning

- Universal Clamp (Accepts 1/8” to 1/2” Dia.) Post Clamp
- Use with: AGD and test indicators, sensors, magnifiers, optic probes, wires for welding, etc.
- Precision Engineered
- Instant positioning – instant locking
- Post clamp (Clevis) fits 1/2” Dia. Post
- Supports up to 4 lb load
- Top mounting clamp grips all shapes .125” to .510” diameter



Order No.	Price
GG4518046	Price

Heavy Duty Long-Reach Mag-Based Indicator Stand

Over 4 Feet Total Reach!

Features heavy-duty swivel clamps. Long-reach indicator stand dimensions:

MADE IN THE USA

- Total reach: 48”
- Main post: 3/4” dia. x 12” L
- 2nd Post: 1/2” dia. x 15” L
- 3rd Post: 1/2” dia. x 15” L
- 4th Post: includes fine adjuster and indicator holder-7/16”dia. x 6” L
- Heavy powerful magnetic base-2-3/8” x 2” x 4-11/16”



Order No.	Price
GG4518054MAG	Price

Indicator NOT Included

Universal Magnetic Bases

132 Lbs. of magnet pull

- Unique 3 dimensional central locking mechanism is used to easily set up gages into required position
- Includes fine adjustment feature
- Will accept all dovetail and AGD stem indicators



Item	Order No.	Price
Mitutoyo	MT807033B	Price
PROCHECK	NL80TMBUM	Price

Indicator not included

PROCHECK Toolmaker's Surface Gages

- Spindle arm and scribers are adjustable and lock into position at any angle for laying out and scribing lines
- Hardened and ground steel base has V-groove for scribing cylindrical work
- Recessed front allows spindle to be depressed below baseline for depth gaging
- With scriber point and two spindles

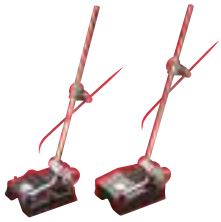


Spindles	Order No.	Price
4 & 7	**NE60231**	Price
9 & 12	**NE60233**	Price
12 & 18	**NE60235**	Price

Starrett Full Size Surface Gages

MADE IN THE USA

- V-groove in the base for cylindrical work
- V-groove on the front end which allows the spindle to adjust to any angle above or below the base
- Fine adjustment
- Scriber and spindle holes are in permanent alignment
- No. 57 Series = cast iron base
- No. 257 Series = hardened steel base



Model Number	Base Dim. (in.)	Spindle Length (in.)	Order No.	Price
257A	2-3/16 x 2-3/8	5/16 x 9	**MV7051240**	Price
257B	2-3/16 x 2-3/8	(2) 5/16 x 9, 5/16 x 12	**MV7051241**	Price
257C	3-1/2 x 3-3/16	3/8 x 12	**MV7051242**	Price
257D	3-1/2 x 3-3/16	(2) 3/8 x 12, 3/8 x 18	**MV7051243**	Price
57A	3 x 2-9/16	5/16 x 9	**MV7050292**	Price
57B	3 x 2-9/16	(2) 5/16 x 9, 5/16 x 12	**MV7050293**	Price
57D	3-3/4 x 3-3/8	(2) 3/8 x 12, 3/8 x 18	**MV7050295**	Price

Starrett Small Base Surface Gage

2” x 1-1/2”

MADE IN THE USA

- V-groove in the base for cylindrical work
- V-groove on the front end which allows the spindle to adjust to any angle above or below the base
- Fine adjustment
- Scriber and spindle holes are in permanent alignment



Spindle Length (in.)	Order No.	Price
(2) 4 & 7	**MV7050290**	Price

Fowler Surface Gage with Built-in Switchable Magnetic Base with Indicator

- Set includes 3-1/8” x 2-1/16” permanent magnetic base with on/off switch, fine adjustment on base and a 5/16” x 9 upright.
- Swivel clamp to mount indicator
- Two dovetail stems
- Fine adjusting knob 5/32” x 3/8
- 4” hardened scriber
- Form fitted shop-hardened case for easy accessibility, and storage
- With indicator

XTRA-SURF



Order No.	Price
NA5552155747	Price

Fowler Surface Gage with Built-in Switchable Magnetic Base

- Set includes 3-1/8” x 2-1/16” permanent magnetic base with on/off switch, fine adjustment on base and a 5/16” x 9 upright.
- Swivel clamp to mount indicator
- Two dovetail stems
- Fine adjusting knob 5/32” x 3/8
- 4” hardened scriber
- Form fitted shop-hardened case for easy accessibility, and storage

XTRA-SURF



Indicator not included

Order No.	Price
NA5552155743	Price

SQUARE L

MADE IN THE USA

- Used in the manufacture of inspection gauges where perfect squareness is a must.
- Compact and flexible design is appreciated when checking small parts, gauges, dies sections or precision work
- Pivoting grip can receive the standard 60° indicators dovetail or clamp the 5/32” diameter stems
- Features fine adjustment to adjust the contact of the indicator tip in order to bring the dial hand in a desirable reading position
- Set “0” reading with master square and compare squareness with your work
- Hardened and ground base provides two pockets, one upper and one lower to mount the inserted reference ring



Order No.	Price
MV60700	Price

Fowler Height Transfer & Squareness Gage

- Used for a variety of surface plate jobs
- Large fine adjustment knob for precise control
- Swivel clamp anchors swivel and indicator for added accuracy
- Rear surface of the gage has a reference surface to square against a master for checking squareness
- Includes a 6” x 4” long post, indicator rod and clamp.



Indicator and standard shown not included.

Order No.	Price
NA5553620010	Price

PROCHECK Indicator/Mag Base Sets

with 22 Pc. Contact Point Kit

- Magnetic base with fine adjustment
- 1" Travel indicator with .001" graduation, 0-100 reading, revolution counter
- Can be supplied with Procheck indicator or Brown & Sharpe E-Z Read Console indicator



Set Contains	Order No.	Price
1" Brown & Sharpe Indicator, Economy Mag Base, And 22 Piece Contact Point Kit	**MV4501B**	Price
1" ProCheck Indicator, Economy Mag Base, And 22 Piece Contact Point Kit	**NB6501**	Price

Fowler 0-1" Travel Dial Indicator

With Free Procheck Magnetic Base

Indicator:
- Graduation: .001", range: 0-1"
- Continuous reading: 0-100
- Revolution counter hand
- Meets AGD specifications

Procheck Mag Base:
- Fine adjustment
- Accepts all AGD indicators & stem mount test indicators with 1/4" shank
- V-base for use on rounded surfaces



Set Contains	Order No.	Price
Fowler 0-1" Travel Premium Black Dial Indicator With Certification With ProCheck Fine Adjustment Mag Base	**NB6552520110BMB**	Price
Fowler 0-1" Travel Standard White Dial Indicator Without Certification-With ProCheck Fine Adjustment Mag Base	**NB6552520110MB**	Price

Fowler Articulating Mag Base and Indicator Combo

Articulating Mag Base:
- Adjust in almost unlimited ways
- Fine adjust
- 85 lb Pull
- V-slot on base for mounting on rounded surfaces

AGD Indicator:
- 1" Travel
- Reading: .001"
- Continuous reading: 0-100
- AGD 2, 2-1/4" dial diameter
- Revolution counter
- Tolerance markers
- Lug back mount
- Carbide point



Order No.	Price
NA5552585150	Price

Dial Indicator with Mighty Mag Magnetic Base

Consists of 1 each of the following:
- 1" Travel .001" graduation black dial indicator
- 22 Piece point kit for AGD style indicators
- Mighty Mag magnetic base



Set Contains	Order No.	Price
1" Brown & Sharpe Indicator, Mighty Mag Base, And 22 Piece Contact Point Kit	**MV45VP98279B**	Price
1" ProCheck Indicator, Mighty Mag Base, And 22 Piece Contact Point Kit	**NB65VP98279BF**	Price

Mitutoyo Magnetic Bases Complete with Indicators

- MT807046 supplied with a 1" travel (.001" graduation) indicator for general measuring purposes
- MT807045, supplied with .050" range (.0001" graduation) indicator for close tolerance work
- MT8064PKA075 supplied with 1" travel (.001" graduation) indicator and plastic storage case
- All sets supplied with MT807010S 32 lb pull magnetic base (no fine adjustment)



Set Contains	Range	Grad.	Order No.	Price
7010S Mag base and 2804S-10 indicator	0-050	.0001"	**MT807045**	Price
7010S Mag base and 2416S indicator	0-1	.001"	**MT807046**	Price
7010S Mag base, 2416S indicator and plastic case	0-1	.001"	**MT8064PKA075**	Price

NOGA Heavy Duty Magnetic Base

And Procheck Indicator Set

Noga Magnetic Base
- Central locking mechanism
- Powerfull 176 lb force on/off magnetic base
- Easy 3-dimensional set-up

Procheck AGD 2 Style Dial Indicator
- 0-1" travel with 0-100 dial and .001" graduation
- Revolution counter
- Mount with 3/8" stem or lug back (supplied)

22 Piece Point Set
- 22 contact points (4-48 thread)



Order No.	Price
NB65DG61003DPK	Price

PROCHECK Machinists Tool Kit

With Dial Caliper and Mechanical Micrometer

- 0 - 6” Dial caliper .001” graduation
- 0 - 1” Mechanical micrometer .0001” graduation
- Shop-hardened case
- 1 Year Warranty



Order No.	Price
PC21MCKDIGDL	Price

PROCHECK PREMIUM Electronic Machinists Set

- 0 - 6” Digital caliper .001” resolution
- 0 - 1” Digital micrometer with ball attachment .0005” resolution
- Shop hardened case
- 1 Year Warranty

USB CONNECT



Type	Order No.	Price
IP40	**PC20MCKEIP40**	Price
IP54-ABS	**PC20MCKEIP54ABS**	Price

PROCHECK Central Lock Universal Magnetic Base & Indicator Set

- Anodized 7” universal clamp
- Easy grip and lock
- On/off magnetic base with fine adjustment
- 1 Year Warranty



Order No.	Price
PC21CLMB7FA35K	Price

PROCHECK Central Lock Clamp with Indicator

- Anodized 7” universal clamp with fine adjustment magnetic base with on/off switch
- 0-1” Digital indicator
- Protective case
- 1 Year Warranty



Order No.	Price
PC21CLMB7FA11K	Price

PROCHECK Central Lock Universal Clamp & Indicator Set

- Anodized universal clamp
- Easy grip and lock
- Test indicator with .030” range and .0005” graduations
- 5/32” and 3/8” diameter posts with dovetail clamp
- Protective padded case
- 1 Year Warranty



Order No.	Price
PC21UC35K	Price

PROCHECK Fine Adjustment Magnetic Base & Indicator Sets

IP54 Protection

- 0-1” Dial indicator
- Graduation: .001”
- On/off magnetic base with fine flexible arm
- Rubber bellows on stem
- O-ring seal on safety cap
- Protective case
- 1 Year Warranty



Description	Order No.	Price
Fine Adj.-Flex Arm	**PC20MBFL11K**	Price
IP54 - Fine Adjustment	**PC21MBFA1514K**	Price

PROCHECK PREMIUM Magnetic Bases & Electronic Indicator



PC20MBFL15EK

- 0-1” Digital indicator
- Resolution: .0005”/0.01mm
- Magnetic base with fine adjustment
- Protective case
- 1 Year Warranty



PC20MBFA15EK

Description	Order No.	Price
Fine Adjustment	**PC20MBFA15EK**	Price
Flex Arm	**PC20MBFL15EK**	Price

PROCHECK Universal Mag Base & Indicator Set

- Test indicator range .030”
- Graduation .0005”
- Universal magnetic base
- Swivel range: 210°
- Protective case included
- 1 Year Warranty



Order No.	Price
PC21UMB35K	Price

PROCHECK Magnetic Base & Indicator Set

With Double Range Indicator

- Double range test indicator range: .060”
- Graduation: .0005”
- Universal magnetic base
- Stage adaptor
- Swivel range: 210°
- Protective case included
- 1 Year Warranty



Order No.	Price
PC21UMB65K	Price

PROCHECK Quill Clamp & Indicator Set

- Heavy-duty quill clamp with CNC machined body
- Red anodized finish
- Test indicator with .030” range and .0005” graduations
- 5/32” and 3/8” diameter posts with dovetail clamp
- Protective padded case
- 1 Year Warranty

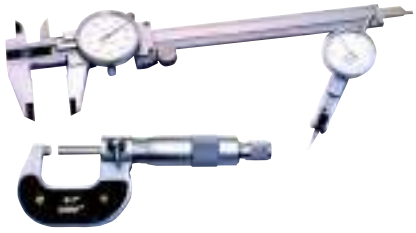


Order No.	Price
PC21Q35K	Price

PROCHECK 3 Pc. Set-Up

And Inspection Kit

Set consists of 1 of each:
- 0-6” Stainless steel dial caliper, .001” graduation
- 0-1” Outside micrometer, .0001” graduation
- .0005” Test indicator with 3/8” and 5/32” shank

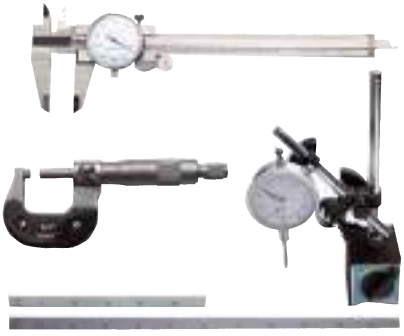


Order No.	Price
NB65TCM3	Price

PROCHECK 6 Pc. Machinist Set-Up

And Inspection Kit

Set consists of 1 of each:
- 0-6” Stainless steel dial caliper, .001” graduation
- 0-1” Outside micrometer, .0001” graduation
- Magnetic base with fine adjustment
- 1” Travel indicator, .001” graduation
- 6” scale with 4R graduation
- 12” scale with 4R graduation



Order No.	Price
NB65MSK6	Price

PROCHECK 9 Pc. Machinist Set-Up

And Inspection Kit

Set Consists of 1 of each:
- 6” x .001” Dial caliper
- 0-1” x .0001” Outside micrometer
- .030” x .0005” Test indicator
- 1” Travel x .001” graduation dial indicator
- Quill clamp-type indicator holder
- Magnetic indicator base with fine adjustment
- 22 piece point kit for AGD style indicators
- 6” scale with 1/64, 1/32, 1/16 and 1/8” graduation
- 12” scale with 1/64, 1/32, 1/16 and 1/8” graduation



Order No.	Price
NB65MSK9	Price

PROCHECK 6 Pc. Layout

And Inspection Kit

- 0 - 1” x .0001” Outside ratchet micrometer
- 6” x .001” Dial caliper
- 4 Pc. 12” combination square set with 4R graduation



Order No.	Price
NB653PCS2	Price

PROCHECK 0-6" Micrometer Set & Telescoping Gage Set

0-6” Micrometer Set
- .0001” Graduation
- Setting standards
- Ratchet stop
- Spindle lock

6 Pc. Telescoping Gage Set
- Self centering contacts
- 0 - 6” Range



Order No.	Price
NB656CRMST	Price

PROCHECK 6 Pc. Machinist's Starter Set

Featuring TESA 1” Value-Line Mike

Set Consists of :
- B&S 0-1” micrometer
- Satin-chrome thimble, .0001” reading, tungsten carbide tipped anvils, enamel frame with spindle lock

6” ProCheck Dial Caliper
- 001” graduations, .100” per revolution of dial

0-1” AGD Indicator
- .001” graduations, .100” per revolution of dial
- Magnetic base with fine adjustment
- Two flexible steel rules: one 6” and one 12” long, both with 4R graduations (6” shown)



Order No.	Price
NB65MSK6BS	Price

PROCHECK Workshop Measuring Sets

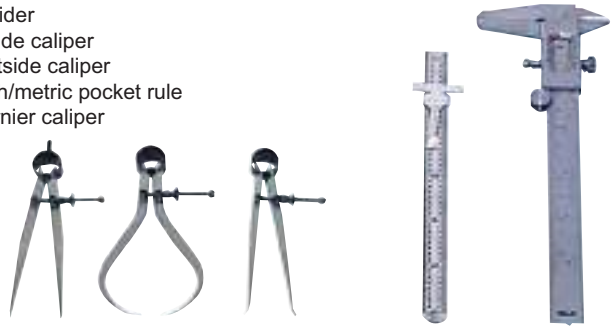


Description	Order No.	Price
2, 3, 4, & 6" Squares in storage box	**NE604PCMTS**	Price
2, 4, & 6" Squares, 1-1/2" capacity center finder, 5 & 6" long scribers in storage box	**NE606PCMTS**	Price
Scriber, 3" divider, 1/32-5/8 bore gage, screw cutting gage, 4-42 & 0.25-6.0mm screw pitch gage, 4"/100mm brass caliper, automatic center punch, protractor/depth gage, 6"/150mm flexible rule, 4" steel square, storage box	**NE6011PCMTS**	Price

PROCHECK 5 Pc. Technical Measuring Set

Set consists of 1 of each:

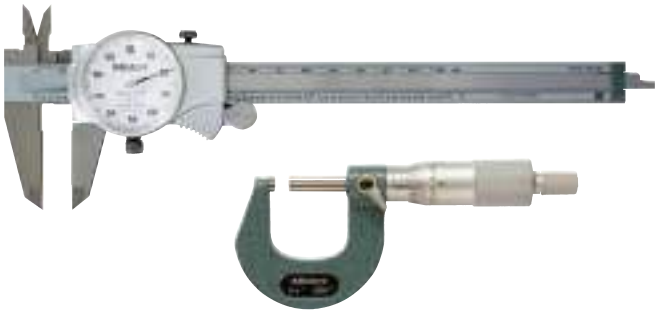
- 6" Divider
- 6" Inside caliper
- 6" Outside caliper
- 6" Inch/metric pocket rule
- 5" Vernier caliper



Order No.	Price
NE60TMS001	Price

Mitutoyo Measuring Kit

- Micrometer .0001" graduation
- Caliper .001" graduation



Order No.	Price
MT8064PKA074B	Price

Starrett Basic Electronic Tool Set

Basic starter set (no output) - includes:

- 0-6"/0-150mm Electronic slide caliper (**799A-6/150)**
- 0-1"/0-25mm Electronic outside micrometer (**3732XFL-1)**



Order No.	Price
MV7012206	Price

Fowler Depth Gage and Poly-Cal Kit - Inch/Metric/Fraction

XTRA-VALUE

Poly-Cal:

- Range: 6"/150mm
- Polycarbonate frame
- Resolution: .0005"/0.01mm, fractions by 1/64 increments
- Absolute/Incremental measurement

Xtra-Value Depth Gage:

- Spring-loaded with a hold measurement button for ease-of-use
- Super large display
- Range: 0-6"/150mm
- Resolution: .0005"/0.01mm (fractions in 1/64" increments)
- Supplied in shop-hardened case



Order No.	Price
NA5554004255	Price

Fowler Micrometer Inspection Set

Includes:

- (1) 0-1"/0-25mm IP54 fluid resistant electronic micrometer (54-860-001)
- (1) Compact, folding micrometer stand with a unique locking mechanism that positions the micrometer for perfect use and viewing (52-247-005)
- (2) .200" ball attachments for special inspection applications (52-285-005)
- Packaged in a durable wooden case



Description	Order No.	Price
0-1" IP54 Fluid Resistant Electronic Micrometer (54-860-001), Compact Folding Micrometer Stand (52-247-005), 2 Ball Attachments, Wooden Case	**NA5554860777**	Price
Micrometer Stand Only	**NA5552247005**	Price

Test Indicator & Quill Type Holder Combo



Test Indicator:
- Jeweled movement
- Range: .030”
- Graduations: .0005”
- Auto-reversing dial
- Includes two dovetail stems and a case

Quill Type Holder
- 1-7/8 capacity
- Reach from 0-12” diameter
- Adapts immediately for fast and positive indication

Item	Description	Order No.	Price
Fowler	.030" Range Test Indicator, 3 Contact Points, 2 Dovetail Stems, Quill-Type Holder In Case	NB6552562778H	Price
PROCHECK	Quill-Type Indicator Holder With ProCheck Indicator	NB65QK1B	Price

TESA | brown & sharpe BesTest® Indicator, Mag Base & Indicator Point Set



BestTest® Indicator:
- .0005” Graduations – .030” range. Reads 0-15-0
- Includes carbide tip point: (.080” dia. by 1/2” long)

Magnetic Holder:
- Two universal ball sockets
- Fine adjustment
- Dovetail clamp
- Base 1-3/16” dia., 1” high
- Extension rod 1/4” dia. by 3-1/2”

Order No.	Price
MV4551733MBP	Price

Fowler X-Test Horizontal Test Indicator Quill-Type Holder Combo



Test Indicator:
- .060” Range
- Graduation: .0005”
- Dial reading: 0-15-0
- Jeweled movement
- Revolution counter
- Easy-to-read tilted dial
- Automatic reversal
- Swivel arc: 210°
- .080” Tungsten carbide point
- Includes 2 dovetail stems
- Furnished in molded case

Quill Type Holder
- 1-7/8” capacity
- Reach from 0-12” diameter
- Adapts immediately for fast and positive indication

Order No.	Price
NB65525622001H	Price

Nogaflex Magnetic Base

And Procheck Test Indicator



- Unique, 5 axis, 3 dimensional holder
- With fine adjustment
- Central locking mechanism
- Complete with .030” x .0005” Procheck test indicator

Order No.	Price
NB65NF1033SET	Price

Fowler X-Test Horizontal Test Indicator

With Procheck Magnetic Base

Procheck Mag base: Locking screw and two universal ball sockets for setting at any angle position. Microfine adjustment screw. Removable extension arm. Dovetail form holder with locking control to hold dovetail test indicators. Accepts .250” diameter test indicator stems. The base is finished in wrinkled enamel.



Fowler Indicator:
- .060” Range
- Graduation: .0005”
- Dial reading: 0-15-0
- Jeweled movement
- Revolution counter
- Easy-to-read tilted dial
- Automatic reversal
- Swivel arc: 210”
- 3 Tungsten carbide points
- Includes 2 dovetail stems
- Furnished in molded case

Order No.	Price
NB6552562001MB	Price

Mitutoyo Dial Test Indicator Precision Tool Kit

- Graduation: .0005”
- Range: .030”
- Dial reading: 0-15-0
- Jeweled bearings, anti-magnetic
- 3/8” Stem
- Accepts 3/8” or 5/32” holding stems, plus dovetail groove
- 150N Magnetic force





Order No.	Price
MT80513-907-10E	Price

Fowler AGD Indicator & Fine Adjust Mag Base

Included Magnetic Indicator Back for mounting to most metal surfaces!

Indicator features:
- 1" Travel
- AGD 2
- 2-1/4" Dial diameter
- Reading: .001"
- Continuous reading 0-100

Magnetic Base features:
- 85lb pull
- Fine adjustment
- V-bottom base

Magnetic Indicator Back features:
- Use for positioning the indicator on most metal surfaces
- Protective coating

All packed in a shop hardened case



Order No.	Price
NA5552585125	Price

Fowler Chrome Indicator/Mag Base Set

Included magnetic indicator back for mounting to most metal surfaces

AGD Indicator featues:
- AGD 2
- Dial diameter: 2-1/4"
- Travel: 1"
- Reading: .001"
- Continuous reading: .100"
- **Carbide tipped point**

Flex Arm Mag Base features:
- 85lb pull magnet
- Corrosion resistant chrome plated flex arm
- Holds rigidly in almost any position
- V-base for mounting on rounded surfaces

Magnet Indicator Back features:
- Use for positioning the indicator on most metal surfaces
- Protective coating

All packed in a shop hardened case



Order No.	Price
NA5552585500	Price

Fowler Chrome Flex Magnetic Base/ Indicator Set

FLEX MAG SET

With Indi-X Blue Electronic Indicator

INDI-X blue

Indi-X Blue Indicator features:
- Direct inch/metric conversion
- 1"/25mm Travel
- Auto off feature
- 2-1/4" Dial face
- Lug back and 3/8" stem diameter
- Resolution .0005"/0.01mm
- Tolerance indicators
- Absolute/incremental reading
- Floating zero
- Carbide tipped point

Flex Arm Mag Base features:
- Corrosion resistant chrome plated flex arm
- 85lb pull magnet
- Holds rigidly in almost any position
- V-base for mounting on rounded surfaces

Magnetic Indicator Back features:
- Use for positioning the indicator on most metal surfaces
- Protective coating

All in a shop hardened case



Order No.	Price
NA5554585100	Price

Fowler Bowers X-PROOF XTRA-VALUE

IP54 Measuring Set

6" / 150mm Euro-Cal IV NA55541003301
- Reads in inch, metric, and fractions
- Resolution: .0005" 0.01mm / 64ths

Electronic Micrometer NA55548150012
- Range: 0 - 1" / 0 - 25mm
- Resolution: .00005" / 0.001mm

Order No.	Price
NA5554004875	Price



Fowler Fine Adjust Mag Base Set

With Indi-X Blue Electronic Indicator

INDI-X blue

Indi-X Blue Indicator Features:
- Direct inch/metric conversion
- 1"/25mm Travel
- Auto off feature
- 2-1/4" Dial face
- Lug back and 3/8" stem diameter
- Resolution .0005"/0.01mm
- Tolerance indicators
- Absolute/incremental reading
- Floating zero
- Carbide tipped point

Magnetic Base Features:
- 85lb pull
- Fine adjustment
- V-bottom base

Magnetic Indicator Back Features:
- Use for positioning the indicator on most metal surfaces
- Protective coating

All in a shop-hardened case



Order No.	Price
NA5554585075	Price

Fowler Anyform Mag Base Set

Anyform Magnetic Base:
- Fit mag base to any shape or form
- Magnetic segments conform to any odd shape or contour
- Cam-lock mechanism provides for easy and accurate fine adjustments of the steel segments
- Rigid one piece construction
- 40lb pull

Indicator features:
- 1" Travel
- 2-1/4" Dial diameter
- AGD 2
- Reading: .001"
- Continuous reading 0-100

All packed in a shop hardened case



Order No.	Price
NA5552585215	Price

Fowler Flex Arm Base & White Face Dial Indicator Combo

Indicator features:
- 1" Travel
- AGD 2
- 2-1/4" Dial diameter
- Reading: .001"
- Continuous reading: 0-100
- Revolution counter
- Tolerance indicators

Flex-Arm Mag Base features:
- 85lb pull
- Holds rigidly in any position desired
- V-base for placing on round surfaces
- On-off lever release magnet



Order No.	Price
NA5552641300	Price

Fowler Shockproof Dial Caliper with Depth Attachment



Shockproof Dial Caliper:
- Tough shockproof design
- 4-Way measuring
- Solid stainless steel construction
- Silky-smooth movement throughout
- 100" Range per revolution
- .001 Reading dial face

Depth Attachment:
- Attaches quickly
- Positive locking screw
- Precision-ground contact surface

Packed in a custom-fit wooden case



Dial Face Color	Order No.	Price
Black	NA5552008710	Price
White	NA5552008700	Price

Fowler Indicator/Mag Base Combo

A Versatile Test Indicator, Universal and Mag Base Combo!

XTRA MAG

X-TEST







X-Test Indicator:
- Range: .060”
- Graduation: .0005”
- Dial reading: 0-15-0
- Dial Diameter: 1-1/2”
- Jewelled movement
- Revolution counter
- Automatic reversal
- 210° Swivel arc
- Tungsten carbide points: 040”, 080” and .120”

Xtra Mag Base:
- 2 universal ball sockets
- Microfine adjustment screw
- 3-9/16” extension arm
- Dovetail mounting

All complete in a shop hardened case



Order No.	Price
NA5552562105	Price

Fowler Mag Base and Dial Indicator Set

- Includes 1” indicator and mag base, plus rods, swivel clamp and shop-hardened case
- The 2” diameter .001” indicator features: satin chrome finish,tolerance hands, lug back and revolution counter
- The 6” high mag base features a 1.5” x 1.5” x 1.75” 50 lb pull base and a 4.5” long sidearm
- All exposed metal is finished in anodized black for corrosion resistance



Order No.	Price
NA5552522101	Price

Fowler Easy Mount Holder

- Mount this flexible arm anywhere
- Arm is attached to vise grip locking pliers that clamp securely to a variety of surfaces
- 12” Flex arm can be set to almost any measuring position required
- Indicator features 0-1” or 1”/25mm travel, .001” or .001”/0.01mm graduation
- Includes shop hardened case





Description	Order No.	Price
1" Indicator w/Flex Mount	NA5552520757	Price
25mm Indicator w/Flex Mount	NA5552520730	Price

Fowler Mini Mag Set

NOGA

- Complete 22 Pc. contact point set
- High impact aluminum aircraft case

NOGA Mini Mag Base
- Base size: 1-1/2” x 1-1/4” x 1-3/4”
- Post size: 7”
- Unique fine adjustment mechanism
- On/Off lever
- Magnet pull: 70 lb

AGD 1 Indicator
- Range: .250”
- Dial diameter: 1-5/8”
- Graduation: .001”
- 0-100 Continuous reading



Order No.	Price
NA5552585310	Price

Fowler A Versatile Universal & Mag Base Combo

XTRA MAG

Mag Base:
- 2 Universal ball sockets
- Microfine adjustment screw
- 3-9/16” Extension arm
- Dovetail mounting

Test Indicator:
- Range: .030”
- Reading: 0-15-0
- Jewelled movement
- Graduation: .0005”
- Auto-reversing
- .080” diameter point

All complete in a shop hardened case
Virtually unlimited positioning as a Universal Base!



Type	Order No.	Price
Xtra Mag Magnetic Base	NA5552585105	Price
Xtra Mag Magnetic Base With Test Indicator	NA5552585100	Price

Fowler Anyform & Easy Mount Holder With Indicator

This kit provides a combination of holding applications. Use the vise grip and flex arm to check runout and gear backlash. Attach the flex arm to the Anyform base for magnetically mounting on virtually any metallic surface.



Combo Kit Includes both:

Easy Mount Holder
- Mount this flexible arm anywhere
- Arm is attached to vise griplocking pliers that clamp securely to a variety of surfaces
- 12” flex arm can be set to almost any measuring position required
- Indicator features 0-1” travel and .001” graduations

Anyform Magnetic Base
- Fit mag base to any shape or form
- Magnetic segments conform to any odd shape
- Rigid one piece construction
- 40 lb pull

Everything packed in a convenient, shop hardened case

Order No.	Price
NA5552520700	Price

Fowler Locking Arm Mag Base & Indicator Set

X-LOCK

Locking Arm Mag Base Features:
- Accepts all AGD dial indicators and test indicators
- Length of arm 6”
- Push button magnetic base
- The central locking mechanism allows for easy set up of gages
- Includes shop hardened case

AGD Indicator Features:
- 1” Travel
- Continuous reading: 0-100
- AGD 2, 2-1/4” dial diameter
- Revolution counter
- Tolerance markers
- Lug back mount
- Carbide points



Order No.	Price
NA5552588030	Price

Fowler Water Resistant Indicator Set

Magnetic Base:
- Fine adjustment
- Base dimensions: 2” x 2-11/32” x 1-13/16”
- Also mounts test indicators with 1/4” post
- 85 lb Pull
- On-Off lever release magnet
- V-base for placing on round surfaces



X -Proof Indicator:
- Travel: 1”
- Reading: .001”
- Continuous reading: 0-100
- Tolerance markers
- AGD 2, 2-1/4” dia.
- Lug back and carbide point
- Robust, shockproof design
- Rubber bellows on stem
- O-ring seal on safety cap
- O-ring protection for bezel and rotating dial
- Sealed back plate

Order No.	Price
NA5552585155	Price

Fowler Machinist Universal Measuring Set

Set consists of:
- 1 – 0-1” Micrometer, .0001” graduation
- 1 – 6” Black face dial caliper, .001” graduation 0-100 reading
- 1 – 6” Flexibile EZ read rule, 4R graduation
- Protective case



Order No.	Price
NA5552004000	Price

Fowler Toolmaker Universal & Shockproof Measuring Sets

Set consists of
- 0-1” Micrometer, .0001 graduation
- 6” Dial caliper, .001 graduations, 0-100 reading
- 6” Flexible Rule
- Shop hardened case
- NA55-52004239 = Shock Proof Set





Type	Order No.	Price
Machinist Universal Measuring Set	**NA5552095007**	Price
Shockproof Measuring Set	**NA5552004239**	Price

Fowler Blackface Measuring Sets

Set includes:
- 0-6” Shockproof caliper, .001 graduation, .100” range/rev., thumbroll
- 0-1” Outside micrometer, .0001” graduation, insulated frame
- Shop hardened case

Test Indicator:
- .030” Range
- .0005” Graduation
- 2 Dovetail stems and 3 contact points; .040”, .080” & .120”



Description	Order No.	Price
0-1" Outside Micrometer, 6" Shockproof Dial Caliper, .030" Range Test Indicator, 2 Dovetail Stems, 3 Contact Points, Shop-Hardened Case	**NA5552229770**	Price
0-1" Outside Micrometer, 6" Shockproof Dial Caliper, Shop-Hardened Case	**NA5552229710**	Price

Fowler Basic Electronic Measuring Set

Set consists of:
- 0 – 1”/25mm Electronic micrometer, .00005”/0.001mm resolution
- 6”/150mm Electronic caliper, .0005”/0.01mm resolution, patented ceramic chip
- Shop hardened case



Order No.	Price
NA5554004850	Price

Fowler Electronic Caliper & EZ-Read Micrometer Set Micrometer Set

Set consists of:
- 0 – 1” EZ-Read digit counter micrometer, direct reading to .0001” without a vernier
- 6”/150mm Electronic caliper, .0005”/0.01mm resolution
- Shop hardened case



Order No.	Price
NA5554004201	Price

Fowler Water Resistant Electronic Measuring Set

Set consists of:
0 – 1”/25mm IP54 electronic micrometer, .00005”/0.001mm resolution
- 6” Steel rule, 4R graduations
- 6”/150mm IP54 electronic caliper, .0005”/0.01mm resolution, direct RS-232 output
- Shop hardened case
- 5 Year warranty



Order No.	Price
NA5554004854	Price

Fowler Chrome Flex Anyform Magnetic Bases

Flex Arm Anyform Mag Base Features:
- Corrosion resistant chrome plated flex arm
- Holds rigidly in most any position
- 40 Lb. pull magnet
- Versatile - 70 steel segments work like a contour gage to fit the mag base securely to practically any shape or form

X-Proof IP54 Indicator Features
- Shockproof design
- Travel: 1”
- Reading: .001”
- Continuous reading 0-100
- Tolerance markers
- Group 2 AGD 2-1/4” diameter
- Lugback
- Carbide point



Face Color	Order No.	Price
Black	**NA5552585255**	Price
White	**NA5552585245**	Price

Mitutoyo DP-1VR Digimatic Mini-Processor

Mitutoyo's new DP-1VR is so compact, it fits right on your palm. But with this powerful little device you can print data from a digimatic caliper, micrometer and more using the Data Output function, and can even calculate statistics. Printing speed is excellent, and with the built-in thermal line printer there's virtually no noise. What's more, the thermosensitive paper has outstanding durability and chemical resistance for long-term storage. The DP-1VR even lets you transmit the data to a computer using an RS232C connecting cable.

- Printing method: Thermal line printer
- Printing dot: 384 dot (8 dot/mm)
- Printing speed: 6.5mm/s (using AC adapter)
- Printing paper: 48m
- Printing line: Approx. 6500 lines for large characters Approx. 12000 lines for normal characters
- Processing capacity: Mode: 1/2/3: 9999 data Mode 0: 100000 data
- Printing data: Measurement data, GO/±NG judgement, number of data, maximum/minimum value, range, average, standard deviation, number of defective, fraction defective, process capability index, histogram, D-chart, control chart generation for Xd-bar and control limit data, date and time
- Output function: Output the measuring data (RS232C) or GO/±NG judgment
- Input timer: 0.25s, 1s, 5s, 30s, 1min, 30min, 60min
- Voltage: 120V
- Power: AC adapter 6V (not interchangeable to DP-1HS) Electric battery: LR6 (alkaline), Ni-Mh (AA size)

Shown with optional micrometer



Order No.	Price
MT80264-504-5A	Price

CDI CHICAGO Electronic Measuring System (EMS)

- Allows for the simultaneous connection of up to four devices and supports nearly any digimatic gage regardless of the manufacturer
- Custom made tablet stand
- Quality color 7" tablet with remote display Android App
- USB and RS232 PC connection
- Data logging/collection, can be saved as CSV file on Micro SD card, e-mail or transfer to PC
- Programmable auto request
- Max, min and freeze hold in Quadrature
- Travel reverse
- View one, two, or four channels



EMS4 Electronic Measuring System



Electronic Measuring System with Probe (Sold Separately)



AGD Style Probe

Description	Range	Resolution	AGD Size	Order No.	Price
EMS4 Data Collection System	-	-	-	**MV66EMS4**	Price
Probe for EMS4	.060" / 1.5mm	.0001 / 0.002mm	AGD 2	**MV66C2300**	Price
Probe for EMS4	.150" / 3.8mm	.0001 / 0.002mm	AGD 2	**MV66C2400**	Price
Probe for EMS4	.250" / 6.35mm	.0001 / 0.002mm	AGD 2	**MV66C2500**	Price
Probe for EMS4	.600" / 15mm	.0001 / 0.002mm	AGD 2	**MV66C2600**	Price
Probe for EMS4	1.0" / 25.4mm	.0001 / 0.002mm	AGD 3	**MV66C2110**	Price
Probe for EMS4	2.0" / 50mm	.0001 / 0.002mm	Rectangular	**MV66C2720**	Price
Probe for EMS4	4.0" / 101.6mm	.0001 / 0.002mm	Rectangular	**MV66C2820**	Price
Probe for EMS4	.060" / 1.5mm	.00005 / 0.001mm	AGD 2	**MV66C3300**	Price
Probe for EMS4	.150" / 3.8mm	.00005 / 0.001mm	AGD 2	**MV66C3400**	Price
Probe for EMS4	.250" / 6.35mm	.00005 / 0.001mm	AGD 2	**MV66C3500**	Price
Probe for EMS4	.600" / 15mm	.00005 / 0.001mm	AGD 2	**MV66C3600**	Price
Probe for EMS4	1.0" / 25.4mm	.00005 / 0.001mm	AGD 3	**MV66C3110**	Price

TESA | Brown & Sharpe TLC-TWIN Wireless Solution



Bi-Directional communication between a measuring tool and a computer is easy with these accessories for your TWIN-CAL (Calipers sold separately)

TLC-Twin Emitter-Receiver (MV4547430)
- Bi-directional communication between computer workstation and measuring tools equipped with a TLC component
- Range up to 39 feet (12 meters) depending on surroundings
- Swiss made

TWIN Station Receiver (MV4547431)
- Connect up to 48 instruments equipped with TLC-TWIN emitter receivers to a single TWIN Station equipped computer
- Connect to a computer through a standard USB port
- Aluminum housing provides optimum protection and durabililty
- Swiss made





Data-Direct (MV4531440) and StatExpress (MV4531451) Software
- Use Data-Direct collection and reporting software to transfer measuring data to any interface; data can be customized with date and/or hour and saved in .csv format
- Use StatExpress software to analyze measured results for more advanced quality assurance requirements

Description	Model No.	Order No.	Price
TLC-TWIN Emitter-receiver for Brown & Sharpe TWIN Series Measuring Tool	04760180	**MV4547430**	Price
TWIN-Station Receiver	05030012	**MV4547431**	Price
TLC-USB Cable	04760181	**MV4547428**	Price
TLC-DIGIMATIC Cable	04860182	**MV4547429**	Price
DataDirect Data Collection and Reporting Software	04981001	**MV4531440**	Price
StatExpress Quality Assurance Software	04981002	**MV4531451**	Price

PROCHECK Wireless Data Transfer Stick

- Wireless data output to computer
- A single receiver to a single transmitter
- Works with all ProCheck ABS equiped tools
- Data transfer within 20 feet
- Battery: 3V 2032
- 1 Year Warranty





USB CONNECT

Description	Order No.	Price
Receiver & Transmitter	**PC26WDT2ABS**	Price
Transmitter Only †	**PC26WTD1ABS**	Price

†Compatable with Bluetooth Enabled Tools

PROCHECK ABSOLUTE Output Cables, USB with Data Send Control

- Connect tools via USB port and send data to spreadsheets or SPC program (program supplied separately)
- 1 Year Warranty

SMART CONNECT



Size	Order No.	Price
Absolute/Smart Connect Large 5 Pin L5 Connector/USB	**PC26DCBL5PIN**	Price
USB Connet Small 4 Pin S4 Connector/USB	**PC26DCBS4PIN**	Price

Fowler Wireless Transmitter

- Allows wireless input from Economy and IP54 Economy Calipers as well as Indi-Max Indicators
- Input directly in to Excel, Word, Cad and Notepad programs
- Includes 1 USB receiver and 1 Transmitter (good for 1 tool)
- Audible as well as LED indications when data is sent
- Simple plug and play operation
- Includes 1 spare battery (CR2032), instructions, and storage case
- Wireless technology allows the use of the tool up to 60' away from computer



Order No.	Price
NA5554115100	Price

Fowler Bowers Proximity Cable for Bore Gages

With USB Connection

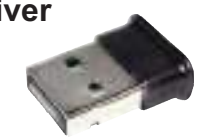
- For use with Fowler Bowers Pistol Grip and regular electronic bore gages



Order No.	Price
NA5554115526	Price

Fowler USB Blue Tooth Receiver

- Receives data from Sylvac BT instruments only



Order No.	Price
NA5554115246BT	Price

PROCHECK 12"/300mm Twin-Column Electronic Height Gage



- Rigid twin column structure
- 6 Digit LCD display and minus sign (–)
- Functions include: zero setting, inch/mm conversion, data hold, plus/minus presetting
- Large size feed wheel
- Lock on measuring slider
- Carbide tipped scriber
- Resolution .001”/0.01mm

Order No.	Price
NB60EHG12	Price

PROCHECK ABSOLUTE Digital Height Gages

ABSOLUTE CONNECT

WIRELESS CONNECT



- Large easy to read LCD display
- Absolute technology that memorizes origin zero
- Resolution .0005” / 0.01mm
- Accuracy .0015”
- Indication variability .0005” / 0.01mm
- Connect and interactive with Procheck absolute digital indicators
- Optional USB data kit (PC26DCBL5PIN) available
- Compatible with optional wireless adaptor (PC26WTD1ABS)
- 1 Year Warranty

Size	Order No.	Price
0 - 12 / 0 - 300mm	**PC20HG012E**	Price
0 - 24 / 0 - 600mm	**PC20HG024E**	Price

PROCHECK ABSOLUTE 6" Digital Height Gage

IP54



- 3-Read display in inches, metric 1/128”
- IP54: splash water, oil and dust resistant
- Resolution: .0005” / 0.01mm
- Magnetic base
- 1 Year Warranty

Order No.	Price
PC20EHG06AB	Price

PROCHECK ABSOLUTE Electronic Height Gages



- Direct inch/metric conversion
- Floating zero
- Direct RS-232 output
- Large, high contrast LCD display
- Positive lock
- Hold feature
- Carbide scriber
- Absolute/incremental measurement
- Fitted case
- 1 Year Warranty

Size (in./mm)	Resolution (in./mm)	Graduation	Order No.	Price
0 - 12 / 0 - 300mm	.0005 / 0.01mm	±.0015"	**PC20EHG125**	Price
0 - 18 / 0 - 450mm	.0005 / 0.01mm	±.002"	**PC20EHG185**	Price
0 - 24 / 0 - 600mm	.0005 / 0.01mm	±.003"	**PC20EHG245**	Price

PROCHECK Precision Vernier Height Gages



- With magnifier
- Extra heavy base for stability
- Fine adjustment
- Adjustable scale to compensate for wear
- Satin chromed finish
- Offset scriber for easy zero reference point
- Magnifier for easy reading
- Complete with styrofoam fitted case

Size	Graduation	Order No.	Price
12"	.001"/0.02mm	**NB60HG12**	Price
18"	.001"/0.02mm	**NB60HG18**	Price
24"	.001"/0.02mm	**NB60HG24**	Price

PROCHECK Dial Height Gages

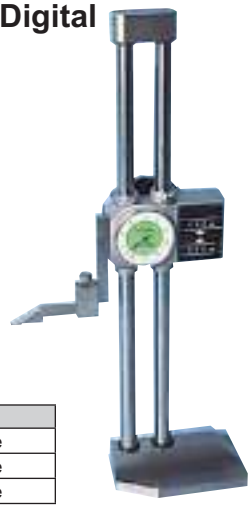


- Heavy duty base
- Fine adjustment
- Scriber and clamp
- Easy-to-read dial face

Range (mm/in.)	Reading (mm/in.)	Order No.	Price
6"	.001"	**NB60HGD6**	Price
8"	.001"	**NB60HGD8**	Price
12"	.001"	**NB60HGD12**	Price
12"/300mm	.001"/0.02mm	**NB60HGD12EM**	Price

PROCHECK Twin Column Digital Count Dial Height Gages

Large dial indicator and error proof digital counter makes this height gage easy to read.



- Carbide tipped scriber
- Chrome plated double beams
- Digital counter with zero reset button
- Fine adjustment wheel and lock
- .001” Graduation/.100” (dual reading)
- Bottom of base is hardened, ground and lapped for maximum flatness

Size	Order No.	Price
12"	**NB60TC12HG**	Price
18"	**NB60TC18HG**	Price
24"	**NB60TC24HG**	Price

Fowler Workshop Transfer Stand



- Overall height 19.5”
- Sturdy construction gives complete rigidity when measuring
- Chrome-plated tubular post
- Base is hardened and lapped
- Can be used with dial test indicators
- Quick adjustment on main column with large locking knob
- Weight 6 lbs

Order No.	Price
NA5552620019	Price

Indicator shown not included

Fowler Height Transfer & Squareness Gage



- Used for a variety of surface plate jobs
- Large fine adjustment knob for precise control
- Swivel clamp anchors swivel and indicator for added accuracy
- Rear surface of the gage has a reference surface to square against a master for checking squareness
- Includes a 6” x 4” long post, indicator rod and clamp.

Order No.	Price
NA5553620010	Price

Indicator and standard shown not included.

Fowler Workshop Transfer Stand



- Overall height: 12”
- Revolutionary design
- Large range fine adjustment
- Can be locked in any position
- Base: 3” wide x 3.54” long
- Holds test indicators or dial gages with dovetail holders and special adapters
- Large capacity positioning range
- Large handwheel for fine adjustment
- Stainless steel adjustment
- Packed in deluxe aluminum case
- Weight 4.8 lbs (2.2 kg)

Order No.	Price
NA5552620717	Price

Indicator shown not included

Fowler Dial Height Gages



- Easty-to-read large 1 rev. dial
- Graduations 0.001”
- Fine-adjust for precise control
- Stainless steel construction with satin chrome finish
- Carbide tipped scriber
- Ergonomically shaped base for ease of handling

Range (in.)	Order No.	Price
0 - 6	NA55521700061	Price
0 - 12	NA55521700121	Price

Fowler Computer Connect Kit

- Used with products that feature direct RS232C output allowing connection of tool to any computer or printer without the need of an interface
- Kit includes 80” (2m) connecting cable with 9 pin IBM compatible, 9/25 pin adaptor, support disk and instructions

Description	Order No.	Price
Ultra-Cal III Computer Connect Kit	NA5554115333	Price
Half Duplex Computer Kit	NA5554115336	Price
Footswitch for Computer Connect Kit (requires 54-115-334)	NA5554618165	Price

Fowler Dial & Electronic Twin Beam Height Gages



Common Features

- Knob for coarse and fine adjustment
- Carbide tipped scriber, locking lever
- Base is hardened, ground and lapped for maximum flatness
- Supplied with fitted wooden case

Twin Beam Dial Height Gages

- Range: 0-12” or 0-24”
- Coarse readings: .100” - fine readings: .001”
- Digit counter readout
- Dual chrome-plated beams
- Zero/reset button

Description	Order No.	Price
12" Twin Beam Dial Height Gage	NA5552174212	Price
24" Twin Beam Dial Height Gage	NA5552174224	Price

Fowler Twin Beam Electronic Height Gages with Offset Scriber



- Carriage design with offset scriber holder
- Base is ground and lapped for flatness
- Handwheel provides course and fine movement
- Updated electronic and mechanical design offers better accuracy and movement of carriage
- Carbide tipped scriber
- Functions include preset, in/mm conversion and ABS/INC for direct or comparative measuring

Range (in/mm)	Accuracy	Description	Order No.	Price
0 - 12 / 0 - 300	+/- .0016"/.04mm	Height Gage	NA55541742123	Price
0 - 24 / 0 - 600	+/- .002"/.05 mm	Height Gage	NA55541742243	Price
Contact Sensor for Twin Beam Electronic Height Gage			NA55541742250	Price

Fowler Electronic Height Gage



- High quality, accuracy and durability
- Large base for easy movement
- True inch/metric conversion
- Range: 0 - 20” / 500mm
- Resolution: .0005” / 0.01mm
- Accuracy: ± .0025”
- Repeatability: .0005” / 0.01mm (±2S)
- Deluxe wooden case with reinforced metal edges
- Large easy to read LCD
- Non-glare chrome reading surface
- Overall height: 28”
- Beam thickness: 1.25 x 4”
- Presettable display

Order No.	Price
NA5554106020	Price

Fowler Electronic Height Gages



- Direct inch/metric conversion
- Large, high contrast LCD display
- ABS/INC measurement
- Floating zero
- Resolution .0005” / 0.01mm
- Hold feature
- Positive lock, carbide scriber

Z-HEIGHT-E

Range	Accuracy	Order No.	Price
0-6 / 0-150mm	.001"	NA5554175006	Price
0-12 / 0-300mm	±.0015"	NA5554175012	Price
0-18 / 0-450mm	±.0015"	NA5554175018	Price
0-24 / 0-600MM	±.002"	NA5554175024	Price

Mitutoyo Digit Count Hite

Height Gage with Dual Directional Digital Counter

The double digital counter can be zero-set at any height within any range by depressing the zero-reset button located by the individual counter.

- Carbide tipped scriber
- Chrome plate beams
- Digital counter comes with zero-reset button
- Bottom surface of the base is hardened, ground and lapped
- With fine-adjusting feed wheel and lock



Size	Digital Counter	Graduation	Order No.	Price
12"	.100" (Dual Reading)	.001"	**MT80192-150**	Price
18"	.100" (Dual Reading)	.001"	**MT80192-151**	Price
24"	.100" (Dual Reading)	.001"	**MT80192-152**	Price
40"	.100" (Dual Reading)	.001"	**MT80192-153**	Price
300mm	1.0mm (Dual Reading)	0.01mm	**MT80192-130**	Price
450mm	1.0mm (Dual Reading)	0.01mm	**MT80192-131**	Price
600mm	1.0mm (Dual Reading)	0.01mm	**MT80192-132**	Price
1000mm	1.0mm (Dual Reading)	0.01mm	**MT80192-133**	Price

Mitutoyo LCD Digimatic Height Gages

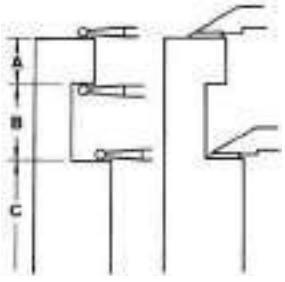
- Preset for LCD setting
- Hold function
- Slider locking clamps
- Large LCD numerals
- SPC output provided
- Operates on a single SR44 battery cell
- Zero, inch/mm, +/–, preset, hold & data-send functions



Description	Resolution	Order No.	Price
8"/200mm	.0005"/0.01mm	**MT80570-244**	Price
12"/300mm	.0005"/0.01mm	**MT80570-312**	Price
18"/450mm	.0005"/0.01mm	**MT80570-313**	Price
24"/600mm	.0005"/0.01mm	**MT80570-314**	Price

Mitutoyo Optional Touch Probe

- .118" Probe diameter is automatically comensated
- Dimensions A, B & C can be measured continuously with two-directional probe



Order No.	Price
MT80192-008†	Price

† Touch probe for height gages with output only

Mitutoyo 5 Pc. Digimatic Height Gages

Heavy Duty • With Output

The latest generation of height gages from Mitutoyo have instant, easy-to-see, error-free LCD readout and may be used in SPC Systems.

- Extra-rugged, two-column construction for more precise upward and downward slider movements. Switchable coarse/fine adjustment through large feed wheel
- Supplied with carbide-tipped scriber
- Supplied with three (Size AA) batteries. Battery life is 900 continuous hours.

† Note: 192-67X-10 Series can be used with optional two-directional touch probe featuring built-in probe diameter compensation to allow top and bottom land measurement automatically. Probe diameter is .118" (MT80192-008)



Size	Resolution	Order No.	Price
12"/300mm	.0005"/0.01mm	**MT80192-630-10**	Price
12"/300mm	.0005"/0.01mm	**MT80192-670-10†**	Price
18"/450mm	.0005"/0.01mm	**MT80192-631-10**	Price
18"/450mm	.0005"/0.01mm	**MT80192-671-10†**	Price
24"/600mm	.0005"/0.01mm	**MT80192-632-10**	Price
24"/600mm	.0005"/0.01mm	**MT80192-672-10†**	Price
40"/1000mm	.0005"/0.01mm	**MT80192-633-10**	Price
40"/1000mm	.0005"/0.01mm	**MT80192-673-10†**	Price
1000mm	0.01mm	**MT80192-615-10**	Price

Mitutoyo SPC Connecting Cables-Straight Type

Length	Order No.	Price
40" / 1m	**MT80905338**	Price
80" / 2m	**MT80905409**	Price

Mitutoyo High Precision Digital Height Gage

- Resolution: .0001"/0.001mm
- Accuracy: ±.0002"
- Straightness: .0002"
- Length standard: linear encoder
- Response speed (Max):20"/s (500mm/s)
- Display: fluorescent tube (6-digit,-sign)
- Power supply: AC adapter (9V 500mA)
- Standard accessories: AC adaptor (525694A), scriber (900258) and scriver clamp (905007)



Size	Squareness	Weight	Order No.	Price
18"/450mm	±.0003"	32.8 lbs	**MT80574-211-1A**	Price
24"/600mm	±.0004"	35.6 lbs	**MT80574-210-1A**	Price

PROCHECK Digital Protractor Set



- USB data output
- Setting preset value
- Removable blade
- Changeable direction
- Zero setting at any position
- 3 measurement patterns (1 x 360°, 2 x 180°, 4 x 90°)
- 1 Year Warranty

Order No.	Price
PC23496EDS	Price

Bevel Protractor with Dial Reading

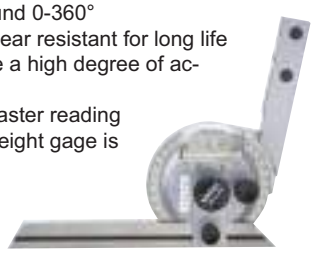


- Dial reads each 10 degree and indicator pointer shows each degree and 5 minutes of angle
- Includes blade, acute angle attachment and fitted case

Item	Blade Size	Order No.	Price
PROCHECK	6 & 12	PC23496150MM	Price
Fowler	6 & 12	NA5552440777	Price

Mitutoyo Universal Bevel Protractors

For more precise angle measurements, the Protractor can be attached to MITUTOYO Height Gages. A clamp for this is furnished with the case.



- Can be set at 5 minute intervals by a fine adjustment knob
- Satin chrome finished dial face has clear and crisp graduations
- Dial from 0-90, 90-0, 0-90, 90-0 around 0-360°
- Hardened stainless steel, rust and wear resistant for long life
- Flush-reading, no parallax error, give a high degree of accurate measurements
- With magnifier glass for easier and faster reading
- Attachment clamp 950749 for inch height gage is supplied
- Fine adjustment knob for measuring or setting of minute angles
- Positive rigid locking clamp

Description	Dial	Vernier	Order No.	Price
With 6" Blade and Height Gage attachment clamp	1°	5 min.	MT80187-904	Price
With 12" Blade and Height Gage attachment clamp	1°	5 min.	MT80187-906	Price

Mitutoyo Accessories & Parts For Universal Bevel Protractor

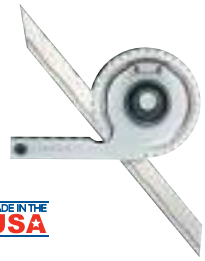
Description	Order No.	Price
6" Blade	MT80187-104	Price
12" Blade	MT80187-103	Price
Acute Angle Attachment	MT80187-105	Price
Bevel Protractor Clamp Attachment for Inch Height Gages	MT80950749	Price
Bevel Protractor Clamp Attachment for Metric Height Gages	MT80950750	Price

Fowler Contact Sensor for HG



Order No.	Price
NA55541742260	Price

Starrett Bevel Protractor



MADE IN THE USA

Description - Bevel Protractor		
Blade Size	Order No.	Price
7	MV7051394	Price
12	MV7051396	Price
7 & 12	MV7051398	Price

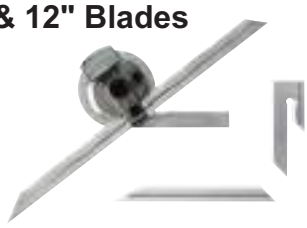
Description - Bevel Protractor-Certified		
Blade Size	Order No.	Price
7 & 12	MV7066929	Price

Starrett Acute Angle Attachment For Bevel Protactor

MADE IN THE USA

Order No.	Price
MV7051392	Price

Bevel Protractor with 6" & 12" Blades



- Magnifier for vernier
- Includes 6” & 12” blades and an angle attachment
- Satin chrome finish for easy readings
- Graduation: 360°
- Reading to 5 minutes
- Includes fitted case

Item	Blade Size	Order No.	Price
PROCHECK	12	NB45496G	Price
Fowler	6 & 12	NA5552440612	Price

Fowler Electronic Universal Protractor



- Hardened stainless steel
- Range selection: 1 x 360°, 2 x 180°, 4 x 90°
- Dual reading LCD display arc minutes/decimal degrees
- Preset function
- 6” and 12” Blades and acute angle attachment included
- Fine adjustment
- RS-232 output
- Measuring range: 0-360°
- Resolution: 30”
- Accuracy: ±5 min.

Order No.	Price
NA5554440750	Price

Fowler Height Gage Accessories

Centering Cone Set:



- Locates the hole center as the cone is inserted into a hole
- Can be adapted for use with various height gages
- Measures holes from 1/16 to 1-1/16” ID
- Bar dimensions 5/16 x 3/16”
- Includes 1 holding bar and 2 centering cones

Probe Set:



- Lets you use any M2 threaded CMM probe in your height gage
- Holders comes with 3 ruby ball CMM probes - 2mm ruby ball x 20mm length
- Bar dimensions 1/2 x 1/4”
- Can be adapted for use with various height gages

Type	Order No.	Price
Centering Cone Set	NA55525651000	Price
Centering Cone Set	NA55525651050	Price
CMM Probe Set	NA55525651100	Price

Fowler Trimos Electronic Height Gages

V3, V4 & V5

- Electronically adjsutable measuring force 0.75/1.5 (N)
- Lithium-ion rechargeable batteries
- Cast iron base for optimal stability
- RS232 and USB interfaces
- Measures heights, diameters, perpendicularity, centerlines Min/Max/Delta
- Resolution .00005”/0.001mm
- Repeatability (2s): .00008”/0.002mm (Ø .00016”/0.004mm)
- Includes charging unit, measuring insert with ruby ball Ø4mm, probe holder elbow Ø8mm, setting gage, user’s manual, test certificate



Type - V3 Electronic Height Gage						
Measuring Range	Range with Probe Inverted	Max. Permissable Errors	Frontal Squareness Deviation	Air Cushion	Order No.	Price
16" / 407mm	20" / 508mm	.00032"/ 0.008mm	.0004"/ 0.010mm	NO	**NA5554192340**	Price
28" / 711mm	31.9" / 812mm	.00032"/ 0.008mm	.0006"/ 0.015mm	NO	**NA5554192370**	Price

Type - V4 Electronic Height Gage						
Measuring Range	Range with Probe Inverted	Max. Permissable Errors	Frontal Squareness Deviation	Air Cushion	Order No.	Price
16" / 407mm	28.3" / 719mm	.0002"/ 0.005mm	.0004"/ 0.010mm	YES	**NA5554191440**	Price
28" / 711mm	40.2" / 1023mm	.00028"/ 0.007mm	.0006"/ 0.015mm	YES	**NA5554191470**	Price

Type - V5 Electronic Height Gage						
Measuring Range	Range with Probe Inverted	Max. Permissable Errors	Frontal Squareness Deviation	Air Cushion	Order No.	Price
16" / 407mm	28.3" / 719mm	2.5+L(mm)/ 300	.0002"/ 0.005mm	YES	**NA5554199540**	Price
28" / 711mm	40.2" / 1023mm	2.5+L(mm)/ 300	.00032"/ 0.008mm	YES	**NA5554199570**	Price
43.7" / 1110mm	56" / 1422mm	2.5+L(mm)/ 300	.00043" /0.011mm	YES	**NA5554199590**	Price

Type - Probe Sets		
Measuring Range	Order No.	Price
7 Pc. Economy Probe Set	**NA5554199107**	Price
16 Pc. Macro Probe Set	**NA5554199106**	Price
21 Pc. Micro Probe Set	**NA5554199105**	Price

TESA Magna 400/700 Height Gages

Made to withstand severe workshop conditions.



- Shop proof technology
- Long measuring span and rugged design
- Fully protected against: water, dust & oil

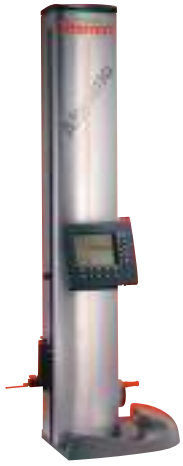
Features:

- 16” (400 mm) and 28” (700 mm) measuring range
- Electronics completely protected against liquids or dust penetration
- Automatic diameter measurement using TESA’s patented system which determines the culmination point
- Parallelism and perpendicularity measurements
- TESA opto-electronic measuring system (patented)
- Compatible with TESA MICRO-HITE accessories, including measuring inserts and holder
- SCS calibration certificate delivered with each instrument
- .00001/.0001/0.01mm Resolution
- 6 V, Rechargeable battery pack
- RS-232 Digital output

Model Number	007.30047	007.30059
Size	16"/400mm	28"/715mm
Resolution	.00001/.0001/0.001mm	.00001/.0001/0.001mm
Brand Name	Tesa	Tesa
Type	Magna Electronic Height Gages	Magna Electronic Height Gages
Application range with standard insert holder 00760143	570mm/22"	870mm/34"
Application range with insert holder 00760057	0 to 625mm/0 to 24"	0 to 925mm/0 to 36"
Application range with insert holder S07001622	795mm/31"	1095mm/43"
Maximum Permanent Error	<8µm/<.0003"	<8µm/<.0003"
Repeatability in flat surfaces	2s=<3 µm/2s=<.00015"	2s=<3 µm/2s=<.00015"
Displacement speed	0, 5 m/s	0, 5 m/s
Measuring force	1,5 N ±0,5 N (acoustic signal)	1,5 N ±0,5 N (acoustic signal)
Autonomy	60 h	60 h
Masse	14 kg	16 kg
Air Cushion	No	No
Battery Pack	6 V, rechargeable	6 V, rechargeable
Digital output	RS-232	RS-232
Protection degree	IP55 or IP65 for electronic unit and measuring system	IP55 or IP65 for electronic unit and measuring system
Fine adjustment	Yes	Yes
Measuring head lock	Yes	Yes
Storage temperature range	-10°C to 60°C	-10°C to 60°C
Operating temperature	10°C to 40°C	10°C to 40°C
Repeatability on inside bores	2s=<5 µm/2s=<.00020"	2s=<5 µm/2s=<.00020"
Measuring Span	415mm/16"	715mm/28"

Model No.	Measuring Span	Order No.	Price
007.30047	415mm/16"	**MV4028260**	Price
007.30059	715mm/28"	**MV4028261**	Price

Starrett® Altissimo 24" Digital Height Gage



- Dynamic bi-directional probing with point and scan modes
- Five measurement modes: (ID/OD Diameters, center, TIR, max/min., continuous display)
- Automatic calculation of eight measurement routines
- Speed wheel also has fine adjust
- Locking mechanism for scribing
- Rechargeable NiMH batteries with 100 hours of continuous life
- Auto power off after two hours with retention of probe calibration
- Output data to Starrett SPC Plus® hardware and software and to PCs
- Instant inch/millimeter conversion
- Two selectable Datums and Preset
- Measuring Range: 24"/600mm (Extendable to 30"/750mm by rotating probe holder 180°)
- Resolution: .0001"/.0005"/.001" (0.001mm/0.01mm/0.02mm)
- Accuracy: ±.0006" (0.015mm) Band width at 68°F (20°C)
- Repeatability: ±.0001" (±0.002mm)
- Power Source: NiMH rechargeable batteries (120V AC/60Hz charger/ adapter furnished) Operation time: 80 hr. recharging time: 10 Hours
- Standard Accessories: .1875"/4.8mm dia. Carbide probe, probe holder, AC charger/adapter, probe calibration block
- Dimensions: 11" L × 7-3/4"W × 36-1/2" H
- Weight: 40 lbs (18Kg)
- Perpendicularity: .0004" (0.010mm)

Order No.	Price
MV7067008	Price

Suburban Height Gages



- State of the art readout with soft touch keyboard and user friendly graphics
- Both USB and RS232 ports for data output
- Swivel adjustment on readout for easy viewing
- Motorized and manual movements with rapid jog (speed 35mm/second)
- Air bearing cushion with built in air pump
- Can be used as a go / no go gauge
- Quick manual squareness measurement
- CE approved
- Measuring functions: contact above / below - shaft - bore - groove/ ledge -flatness / paralleslism deviation - angle - 2D - chain measurements - Squareness* - multiple reference points
- Measuring force: 1 N ± .2
- Inch/metric conversion
- Order numbers ending in M= magnetic scale and U= glass scale

Measuring Span	Resolution	Repeatability	Order No.	Price
0 - 450mm / 350 - 800mm	0.01 / 0.001 / 0.0005mm	0.002mm	**MS55MH450M**	Price
0 - 450mm / 350 - 800mm	.001 / 0.001 / 0.0005 / 0.0001mm	0.001mm	**MS55MH450U**	Price
0 - 600mm / 350 - 950mm	0.01 / 0.001 / 0.0005mm	0.002mm	**MS55MH600M**	Price
0 - 600mm / 350 - 950mm	.001 / 0.001 / 0.0005 / 0.0001mm	0.001mm	**MS55MH600U**	Price
0 - 1000mm / 350 - 1350mm	0.01 / 0.001 / 0.0005mm	0.002mm	**MS55MH1000M**	Price
0 - 1000mm / 350 - 1350mm	.001 / 0.001 / 0.0005 / 0.0001mm	0.001mm	**MS55MH1000U**	Price

***With electronic probe Magnascan PH**

Starrett® Electronic Height Gages



- Large, easy-to-read display, an intuitive control panel, clear bar graduations, resolution of .0005", RS232 output, and a full range of user functions
- Clear bar graduations in .100" and 5mm increments
- Large .380" (9.65mm), easy-to-read LCD display reads to .0005" and 0.01mm
- Inch-millimeter conversion
- Carrier and scriber designed to read from zero
- Hold control retains a reading at any position
- Plus or minus indication ensures reading in proper direction
- Vertical bar is closer to the center of base than competing products for superior stability
- Resolution: .0005" (0.01mm)
- Overall Accuracy: ± .0015" (.04mm) 0-18" (0-450mm), ± .002" (0.05mm) 18-24 (450-600mm)
- Set ZERO at any position
- Manual on/off with auto off after 30 minutes non use
- Large positive action keypad
- Ability to retain and return to the true zero reading
- PRESET button to install any reading at any position
- Ability to assign minimum and maximum limits
- RS232 output for data collection, analysis, and hard copy documentation, supports: – Starrett 772 Advanced Data Collection Systems – Starrett 761 Series Data Multiplexers – Other RS232 devices
- 1-1/2+ Years battery life. Two 3-volt batteries furnished (CR2450).

Range	Resolution	Order No.	Price
18" / 400mm	.0005" / 0.01mm	**MV7072625**	Price
24" / 600mm	.0005" / 0.01mm	**MV7046003**	Price

Starrett® 6"/150mm Electronic Height Gage



- Easy-to-read LCD with .35" high characters
- Lock to hold the slide in position
- Fine adjustment thumb roll for precision measurements
- Inch-millimeter conversion
- Zero at any position
- Manual ON/OFF with auto-off
- Single, 3-Volt CR2032 battery
- Linear accuracy: ± .001" / ±0.03mm
- Resolution: .0005" / 0.01mm

Model Number	Order No.	Price
3751AZ-6/150	**MV7012221**	Price

PROCHECK PREMIUM Extended Range Dial Bore Gage Sets



- Extend range 1.4 to 6” (35mm to 160mm) range covers two of the most popular sets
- Easy to read dial face
- Insulated grip
- Carbide anvils and chrome plated handle
- Includes extension holder and fitted case
- 1 Year Warranty

Total Range	Graduation	Probe Depth	Number of Anvils	Number of Spacers	Order No.	Price
1.4 - 6"	.0005	6	15	3	**PC21DBG14065**	Price
35-150mm	0.01mm	150mm	16	3	**PC21DBG35150M**	Price

PROCHECK ABSOLUTE Extended Range Electronic Bore Gage Sets with Output

ABSOLUTE CONNECT WIRELESS CAPABLE

Bore Gage Set Features:

- Extended range 1.4 to 6” (35mm to 160mm) range covers two of the most popular sets
- Insulated grip
- Carbide anvils and chrome plated handle
- Includes extension holder and fitted case



Electronic Indicator Features:

- Bar graph and numeric digital display
- Preset with recall
- ABS/INC measurement
- 1 Year Warranty
- Min/max/TIR

Total Range	Resolution	Probe Depth	Number of Anvils	Number of Spacers	Order No.	Price
0.7 - 6	.00005"/0.001mm	-	-	-	**PC20EBG0765EMAB**	Price
1.4 - 6	.00005"/0.001mm	6	15	3	**PC21EBG14065EM**	Price

PROCHECK Bore Gage Setting Sets

- Accurately set any bore gage up to 6” in diameter to an accuracy of .0001”

Set includes:

- Base anvil: 2.750” x .80”
- Adjustable anvil: 2.375” x .375” (two each)
- Internal capacity: 6”/150mm
- Depth capacity” 1”/25mm
- Centralizer capacity width: 2.625”/66.7mm
- Quick-release holder for fast adjustment



Size	Order No.	Price
0 - 6	**PC24BGSMI**	Price
0 - 150mm	**PC24BGSMM**	Price

PROCHECK Stand Only

- Stand only for metric bore gage setting set



Order No.	Price
PC24BGSMSD	Price

PROCHECK Super Precision Deep Bore Dial Gage Set



- Measures bore to 10” deep, Range 0.7” to 6” diameter
- Super Precision Deep Bore Gauge
- Accuracy: 0.0005” with crisp precision graduations
- Includes gage and interchangeable contact points
- Carbide tip on measuring plunger
- ABS storage case included
- 1 Year Warranty

Order No.	Price
PC21DBG0765	Price

PROCHECK Dial Bore Gage Set .0005” Graduation



- Easy to use – simple sturdy construction
- For close tolerance measurement of holes, taper and roundness
- Self-centering
- Gages are supplied with AGD 2 dial indicators and fitted case

Range (in.)	Probe Depth (in.)	No. of Anvils	Order No.	Price
.4 - .7"	4	11	**NB45CBGB2**	Price
.70 - 1.5"	6	9	**NB45CBGC2**	Price
1.4 - 2.4"	6	6	**NB45CBGD2**	Price
2 - 6"	6	11	**NB45CBGE2**	Price

PROCHECK PREMIUM Electronic Digital Internal Bore Gages

IP54

SMART CONNECT WIRELESS CAPABLE

- IP54 water and dust protective rating
- Resolution: 0.00005” / 0.001mm
- Carbide measuring surfaces
- Contact points are designed to allow measurements near the bottom of blind holes
- Setting ring included
- Compatible with 3 Procheck data output options: USB or Bluetooth wireless and hardwire connect (Not included)
- Friction thimble
- Completed with protective case
- Wrench included
- Complete in molded case
- 1 Year Warranty



Size	Order No.	Price
.236 - .315" (6-8mm)	**PC20EIBG68MI5**	Price
.315 - .394" (8-10mm)	**PC20EIBG810MI5**	Price
.394 - .472" (10-12mm)	**PC20EIBG1012MI5**	Price
.472 - .650" (12-16.51mm)	**PC20EIBG1216MI5**	Price
.650 - .800" (16.51-20.32mm)	**PC20EIBG1620MI5**	Price
.800 - 1" (20.32-25.40mm)	**PC20EIBG2025MI5**	Price
1 - 1.2" (25.4-30.48mm)	**PC20EIBG2530MI5**	Price
1.2 - 1.6" (30.48-40.64mm)	**PC20EIBG3040MI5**	Price
1.6 - 2" (40.64-50.80mm)	**PC20EIBG4050MI5**	Price

PROCHECK Flat Jaws Only

- Flat jaw only for metric bore gage setting set



Order No.	Price
PC24BGSMFJ	Price

Washer Set for Procheck Bore Gages

- Used for smaller step adjustments
- Contains .02, .05, .1, .2 and .3 washers

Order No.	Price
NB456126076	Price

Fowler Dial Bore Gage Sets

With Carbide Anvils

- Graduation: .0005”
- Easy to read
- Economical
- Self-centering
- Insulated grip
- Chrome plated handle
- Includes extension holder & fitted case







Range	No. of Anvils	Order No.	Price
.7 - 1.5"	8	**NA5552646100**	Price
2 - 6"	11	**NA5552646300**	Price
4 - 12"	5	**NA5552646600**	Price

Fowler Dial Bore Gage Sets

- Carbide anvils
- Easy to read
- Economical
- Graduation: .0005” or 0.01mm
- Insulated grip
- 1.4” to 6” range or 35 to 160mm
- Chrome plated handle
- Includes extension holder and fitted case



Range	No. of Anvils	Order No.	Price
35 - 160mm	16	**NA5552646220**	Price
1.4 - 6"	15	**NA5552646400**	Price

Fowler 2" - 6" Right Angle Dial Bore Gage

- Measure difficult-to-reach bores in tight or inconveniently located spaces on machine applications
- Carbide anvils
- Easy-to-read .0005”graduation
- Chrome plated handle and insulated grip
- Includes extension holder and fitted wooden case



Order No.	Price
NA5552646250	Price

Fowler Bore Gage Setting Master Kits

For accurately setting any bore gage up to 6” in diameter to an accuracy of .0001”

Each Set Includes Setting Device

- Base anvil: 2.750” x .80”
- Adjustable anvil 2.375” x .375” (two each)
- Internal capacity: 6”
- Depth capacity: 1”
- Centralizer capacity width: 2.625”
- Quick release holder for fast adjustment



36 Pc. Economy Gage Block Set Included

- Tolerances to .00005”
- Certificate of Calibration to NIST
- High quality aluminum case



Range	Order No.	Price
0 - 150mm	**NA5553646010**	Price
0 - 6"	**NA5553646000**	Price

Fowler Electronic Bore Gage

Industry’s two most popular bore gage ranges combined in one easy-to-use ELECTRONIC set!

All the benefits included in the X-Tender¨ Dial Bore Gage are now available with an electronic indicator providing inch/metric reading capability.

Bore Gage Features:

- Range: 1.4”-6”/35mm-150mm
- Carbide anvils
- Easily adjustable
- Self-centering
- Includes extension holder
- Shop hardened case

Indicator Features:

- Dual reading inch/metric electronic indicator
- Bar graph and numeric digital display
- Resolution: .00005”/0.001” mm
- Preset with recall
- ABS/INC measurement
- Min/Max/TIR



Order No.	Price
NA5554646401	Price

Fowler Bowers Electronic Bore Gages

- Larger easier to read display
- Self-centering heads
- USB connectivity
- Four preset memories
- Fixed anvils
- Resolution: .00005” / 0.001mm
- Tungsten carbide measuring faces on all 3 point heads .500” & up.
- Sizes over .500” (12.5mm) feature blind bore capability
- Setting rings included in all sets
- Includes UKAS certificates for all pistol grips, heads and rings



Range	Model No.	Order No.	Price
.080 - .250 (2-6mm)	54-367-000-0	**NA5554367000**	Price
.250 - .375 (6-10mm)	54-367-010-0	**NA5554367010**	Price
.375 - .750 (10-20mm)	54-367-020-0	**NA5554367020**	Price
.750 - 2 (20-50mm)	54-367-050-0	**NA5554367050**	Price
2 - 4 (50 - 100mm)	54-367-100-0	**NA5554367100**	Price
4 - 6 (100 - 150mm)	54-367-105-0	**NA5554367105**	Price
4 - 8 (100-200mm)	54-367-200-0	**NA5554367200**	Price
6 - 8 (150 - 200mm)	54-367-110-0	**NA5554367110**	Price

Starrett Dial Bore Gages

No. 82 Series



- Measures the diameter of any hole within range of its interchangeable probes
- With the indicator set to the nominal dimension and its dial adjusted to zero, the probe is inserted in the hole with variations to .0001” read on the indicator
- Measurements are taken by comparison, therefore a set master such as gage blocks or bench type micrometer should be used as a reference standard

Starrett No.	Total Range (in.)	Graduation (in.)	No. of Probes	Order No.	Price
82AZ	.107 - .266"	.0001	5	**MV7055791**	Price
82BZ	.217 - .594"	.0001	6	**MV7055792**	Price
82CZ	.560 - 1.565"	.0001	8	**MV7055793**	Price

Starrett Dial Bore Gages

No. 84AZ Series



- For inspecting bores and checking hole size
- An adjusting range screw with positive locking feature and two centralizing plungers provides three-point contact for true alignment
- The gaging contact and centralizing plungers are hardened tool steel, spring loaded for sensitivity and repeatability

Starrett No.	Total Range w/Extension (in.)	Gradu-ation (in.)	Max. Bore Depth (in.)	Order No.	Price
84AZ-111-4J	1-1/2 - 3	.0001	4	**MV7000026**	Price
84AZ-134-4J	1-1/2 - 3	.0005	4	**MV7000030**	Price
84AZ-111-5J	3 - 5-3/16	.0001	6	**MV7000027**	Price
84AZ-134-5J	3 - 5-3/16	.0005	6	**MV7000031**	Price
84AZ-111-6J	5 - 8-1/8	.0001	6	**MV7000028**	Price
84AZ-134-6J	5 - 8-1/8	.0005	6	**MV7000032**	Price
84AZ-111-7J	8 - 12-1/8	.0001	7	**MV7000029**	Price
84AZ-134-7J	8 - 12-1/8	.0005	7	**MV7000033**	Price

INSIZE Bore Gage Sets



- Optional accessory: setting ring (part no. 6313), dial indicator range .25”,graduation .0005”
- Bore gages included 1.4-2”(dial indicator and handle are not included) and 2-6”

Model No.	Size	Graduation (in.)	Order No.	Price
2824-3SE	.7 6"	.0005	**SZ202824S3E**	Price
2824-S2E	1.4 - 6"	.0005	**SZ202824S2E**	Price

Mitutoyo Bore Gages

For Blind Holes



- Capable of ID measurement close to the bottom of a hole
- Pendulum guide structure improves sliding
- Carbide contact faces
- Extension rods available (sold separately) for deep holes
- Indicatator information:: 2046SB 0.01mm, 2109SB 0.001mm, 2922SB.0005”,2923SB .0001”

Range	Probe Type	Model No.	Comments	Order No.	Price
0.6.1.4"	Blind Hole	511-428	w/ 2922SB (.0005")	**MT80511-428**	Price
0.6.1.4"	Blind Hole	511-438	w/ 2923SB.10 (.0001")	**MT80511-438**	Price
1.4.2.4"	Blind Hole	511-429	w/ 2922SB (.0005")	**MT80511-429**	Price
1.4.2.4"	Blind Hole	511-439	w/ 2923SB.10 (.0001")	**MT80511-439**	Price
2.6"	Blind Hole	511-430	w/ 2922SB (.0005")	**MT80511-430**	Price
2.6"	Blind Hole	511-440	w/ 2923SB.10 (.0001")	**MT80511-440**	Price
15.35mm	Blind Hole	511-425	w/ 2046SB (0.01mm)	**MT80511-425**	Price
35.60mm	Blind Hole	511-426	w/ 2046SB (0.01mm)	**MT80511-426**	Price
35.60mm	Blind Hole	511-436	w/ 2109SB.10 (0.001mm)	**MT80511-436**	Price
50.150mm	Blind Hole	511-427	w/ 2046SB (0.01mm)	**MT80511-427**	Price
50.150mm	Blind Hole	511-437	w/ 2109SB.10 (0.001mm)	**MT80511-437**	Price

Mitutoyo Bore Gages

Type 511 & 526



- All Mitutoyo dial bore gages are supplied with AGD 2 dial indicator and fitted carrying case
- A reference chart is furnished which indicates the spacer and rod sizes to be selected for the specific range
- 10” extension rod to increase measuring depth from the edge is available for 511-185, 186, 188 and 189 (Part No. 101421)
- To increase the length of interchangeable measuring rods, a 2” extension collar is available for use with 511-162 and 511-753 (Part No. 101421)

Graduation - .0001					
Range (in.)	Probe Depth (in.)	No. of Anvils	No. of Spacers	Order No.	Price
.24 - .4"	2	9	1	**MT80511-212**	Price
.3 - .4"	2.2	6	0	**MT80526-122**	Price
.4 - .7"	2.4	8	0	**MT80526-123**	Price
.7 - 1.4"	4	9	2	**MT80511-751**	Price
.7 - 6"	4 / 6	26 (2" Sub Anvil)	10	**MT80511-932**	Price
1.4 - 2.5"	6	6	4	**MT80511-752**	Price
2 - 6"	6	11	4	**MT80511-753**	Price
4 - 6.5"	6	13	4	**MT80511-754**	Price

Graduation - .0005					
Range (in.)	Probe Depth (in.)	No. of Anvils	No. of Spacers	Order No.	Price
.24 - .4"	2	9	1	**MT80511-213**	Price
.3 - .4"	2.2	6	0	**MT80526-119**	Price
.4 - .7"	2.4	8	0	**MT80526-120**	Price
1.4 - 2.5"	6	6	4	**MT80511-742**	Price
2 - 6"	6	11	4	**MT80511-743**	Price
4 - 6.5"	6	13	4	**MT80511-744**	Price
6.5 - 10	9.8	13	4	**MT80511-745**	Price

Fowler Bowers Electronic Bore Gages



Pistol Grip

- Larger easier to read swivel display
- USB connectivity
- Four preset memories
- Fixed anvils
- Resolution: .00005” / 0.001mm
- Trigger is adjustable for minimum over travel
- Tungsten carbide measuring faces on all 3 point heads .500” & up.
- Sizes over .500” (12.5mm) feature blind bore capability
- Setting rings included in all sets
- Includes UKAS certificates for all pistol grips, heads and rings

Size Range	Includes	Model No.	Order No.	Price
.80-.250"	5 heads, 1 handle, 3 rings	54-567-009-BT	**NA5554567009**	Price
1/4 - 3/8"	2 heads, 1 handle, 1 ring	54-567-010-BT	**NA5554567010**	Price
1/4 - 3/4" (6-20mm)	5 heads, 1 handle, 3 rings	54-567-620-BT	**NA5554567620**	Price
3/8 - 3/4"	3 heads, 1 handle, 2 rings	54-567-020-BT	**NA5554567020**	Price
3/4 - 2"	3 heads, 1 handle, 2 rings	54-567-050-BT	**NA5554567050**	Price
.750" - 4" (20-100mm)	6 heads, 1 handle, 4 rings	54-567-210-BT	**NA5554567210**	Price
2 - 4" (50-100mm)	3 heads, 1 handle, 2 rings	54-567-100-BT	**NA5554567100**	Price
4 - 6" (100-150mm)	2 heads, 1 handle, 1 ring	54-567-105-BT	**NA5554567105**	Price
4 - 8" (100-200mm)	4 heads, 1 handle, 2 rings	54-567-200-BT	**NA5554567200**	Price
6 - 8" (150-200mm)	2 heads, 1 handle, 1 ring	54-567-110-BT	**NA5554567110**	Price

FIELDBAR TRIGA-BORE 3 Point Bore Gaging System

For The Accurate and Precise Measurement of Internal Diameters

ORDERING INSTRUCTIONS

1. Choose handle by range TRIGA BORE[a] Pistol Grip Style Bore Gage Handles*

2. Choose correct gage head and master setting ring 3-Point Bore Gage Heads and Master Setting Ring

3.Corresponding master setting ring

4. ELECTRONIC INDICATOR Featuring .00005” (0.001mm) Resolution with ± .0001” Accuracy; Repeatability: 0.002mm/.001” ± 2s

Example for .500” bore, Handle: GG45-20308, Head: GG45-20314, Ring: GG45-21167, Indicator: MT80-543-456B

- Measuring Range: .236”/6mm to 7.87”/200mm
- Easy to use
- Self centering operation
- Interchangeable/economical heads



1. Triga Bore™ Pistol Grip Gage Handles +

Range	Order No.	Price
Accepts Heads .236 - .630" / 6 - 16mm	**GG4520308**	Price
Accepts Heads .630 - 7.874" / 16 - 200mm	**GG4520309**	Price

+ Accepts indicators with 3/8” or 8 mm diameters (bushing included). Operates with 1” travel indicators.

2. Triga Bore™ Bore Gage Head Only

Head Size	Head Accuracy	Order No.	Price
.236 - .315" / 6 - 8mm	.0001	**GG4520312**	Price
.315 - .394" / 8 - 10mm	.0001	**GG4520313**	Price
.394 - .511" / 10 - 13mm	.0015	**GG4520314**	Price
.511 - .630" / 13 - 16mm	.0015	**GG4520315**	Price
.630 - .787" / 16 - 20mm	.0015	**GG4520316**	Price
.787 - 1.023" / 20 - 26mm	.0015	**GG4520317**	Price
1.023 - 1.260" / 26 - 32mm	.0015	**GG4520318**	Price
1.260 - 1.575" / 32 - 40mm	.0015	**GG4520319**	Price
1.575 - 1.968" / 40 - 50mm	.0015	**GG4520320**	Price
1.968 - 2.362" / 50 - 60mm	.0015	**GG4520321**	Price
2.362 - 2.756" / 60 - 70mm	.0015	**GG4520322**	Price
2.756 - 3.150" / 70 - 80mm	.0015	**GG4520323**	Price
3.150 - 3.543" / 80 - 90mm	.0015	**GG4520324**	Price
3.543 - 3.937" / 90 - 100mm	.0015	**GG4520325**	Price

3. Triga Bore™ Master Setting Ring Bilateral Class Z Steel/For Trigabore Head

For Use With	Size	Order No.	Price
.236-.315" / 6-8mm	.2912	**GG4521162**	Price
.315-.394" / 8-10mm	.3437	**GG4521164**	Price
.394-.511" / 10-13mm	.4375	**GG4521167**	Price
.511-.630" / 13-16mm	.5025	**GG4521172**	Price
.630-.787" / 16-20mm	.7187	**GG4521177**	Price
.787-1.023" / 20-26mm	.9062	**GG4521185**	Price
1.023-1.260" / 26-32mm	1.0312	**GG4521191**	Price
1.260-1.575" / 32-40mm	1.4062	**GG4521205**	Price
1.575-1.968" / 40-50mm	1.7500	**GG4521450**	Price
1.968-2.362" / 50-60mm	2.1875	**GG4521451**	Price
2.362-2.756" / 60-70mm	2.5625	**GG4521452**	Price
2.756-3.150" / 70-80mm	2.9375	**GG4521453**	Price
3.150-3.543" / 80-90mm	3.3437	**GG4521454**	Price
3.543-3.937" / 90-100mm	3.7500	**GG4521455**	Price

4. Mitutoyo Electronic Indicator

Order No.	Price
MT80543-476B	Price

Adjustable Limit Snap Gages

Larger Sizes Available

Model A and C supplied with round buttons as standard



Type - Model A		
Range (in.)	Order No.	Price
0 - 1/2	**NC501A**	Price
1/2 - 1	**NC502A**	Price
1 - 1-1/2	**NC503A**	Price
1-1/2 - 2	**NC504A**	Price
2 - 2-1/2	**NC505A**	Price
2-1/2 - 3	**NC506A**	Price
3 - 3-3/4	**NC507A**	Price
3-3/4 - 4-1/2	**NC508A**	Price
4-1/2 - 5-1/4	**NC509A**	Price
5-1/4 - 6	**NC5010A**	Price

Type - Model C		
Range (in.)	Order No.	Price
0 - 1/4	**NC501C**	Price
1/4 - 1/2	**NC502C**	Price
1/2 - 3/4	**NC502XC**	Price
3/4 - 1	**NC503C**	Price
1 - 1-1/4	**NC503XC**	Price
1-1/4 - 1-1/2	**NC504C**	Price
1-1/2 - 1-3/4	**NC504XC**	Price
1-3/4 - 2	**NC505C**	Price
2 - 2-1/4	**NC505XC**	Price
2-1/4 - 2-1/2	**NC506C**	Price
2-1/2 - 2-3/4	**NC506XC**	Price
2-3/4 - 3-1/16	**NC507C**	Price
3-1/16 - 3-7/16	**NC507XC**	Price
3-7/16 - 3-13/16	**NC508C**	Price
3-13/16 - 4-3/16	**NC508XC**	Price
4-3/16 - 4-9/16	**NC509C**	Price
4-9/16 - 4-15/16	**NC509XC**	Price
4-15/16 - 5-5/16	**NC5010C**	Price
5-5/16 - 5-11/16	**NC5010XC**	Price
5-11/16 - 6-1/8	**NC5011C**	Price
6-1/8 - 6-5/8	**NC5011XC**	Price
6-5/8 - 7-1/8	**NC5012C**	Price

U.S. Government Surplus Adjustable Snap Gages

- Top quality brands
- Shelf worn

Save Up to 75%



Range (in.)	Model C	
	Order No.	Price
4-3/16 - 4-9/16	**NC519C**	Price
5-11/16 - 6-1/8	**NC5111C**	Price
6-1/8 - 6-5/8	**NC5111XC**	Price
8-5/8 - 9-1/8	**NC5114C**	Price
10-5/8 - 11-1/8	**NC5116C**	Price

Fowler Snap Gages - Flat Anvils

Indicator Features:

- Dual reading inch/metric electronic indicator
- Resolution: .00005" / 0.001mm
- Preset with recall
- ABS/INC measurement
- Min/Max/TIR

This versatile electronic snap gages provides all the features of standard snap gages.

Special Features:

- Ranges available: 0-8"/0-200mm
- Adjustable anvil through 1"/25mm range
- Adjustable gaging pressure
- Lightweight, metalurgically stabilized aluminum frame
- .66" Square tungsten carbide anvils
- Within the 1/2" central square surface, anvils are parallel within: .00015" on sizes up to 4"/100mm, .0002" on sizes 4"/100mm to 8"/200mm



	Snap Gage Only		Snap Gage with Electronic Indicator	
Range (in./mm)	Order No.	Price	Order No.	Price
0 - 1 / 0 - 25mm	**NA5552666471†**	904.06	**NA5554666371**	Price
1 - 2 / 22 - 51mm	**NA5552666472†**	936.89	**NA5554666372**	Price
2 - 3 / 51 - 76mm	**NA5552666473†**	963.05	**NA5554666373**	Price
3 - 4 / 76 - 102mm	**NA5552666474†**	990.10	**NA5554666374**	Price
4 - 5 / 102 - 127mm	**NA5552666475†**	1,027.96	**NA5554666375**	Price
5 - 6 / 127 - 152mm	**NA5552666476†**	1,192.38	**NA5554666376**	Price
6 - 7 / 152 - 178mm	**NA5552666477†**	1,238.24	**NA5554666377**	Price
7 - 8 / 178 - 203mm	**NA5552666478†**	1,286.56	**NA5554666378**	Price

† See Dial Indicators for use with Snap Gages below

Fowler †Dial Indicators for use with Snap Gages

Graduation	Range	Dial Reading	Order No.	Price
.0001	.200	0-50-0	**NA5552540000**	Price
.0005	.500	0-25-0	**NA5552540001**	Price
0.002mm	2mm	0-10-0	**NA5552540004**	Price
0.01mm	5mm	0-50-0	**NA5552540003**	Price

Fowler Replacement Battery for Electronic Snap Gage

Description	Order No.	Price
Replacement Battery	**NA5554902110**	Price

Fowler XT Series Holemike Sets

- Graduations: .00025”
- 3-Pt contact with tungsten carbide measuring anvils above .5”
- Blind bore measuring above .5”
- Ratchet stop for consistent measuring
- Non-removeable anvils
- Extensions available for deep measuring
- Heads with special anvils available for threads, splines, slots, etc.
- Setting rings included
- Includes UKAS certificates for all holemikes and setting rings
- Every gage is individually serialized
- Special anvils available



Range	Includes	Order No.	Price
.08 - .120"	2 heads, 1 handle, 1 ring	**NA5552255365**	Price
.120 - .250"	3 heads, 1 handle, 2 rings	**NA5552255465**	Price
.250 - .375"	2 heads, 1 handle, 1 ring	**NA5552255565**	Price
.375 - .750"	3 heads, 1 handle, 2 rings	**NA5552255665**	Price
.750 - 2"	3 heads, 1 handle, 2 rings	**NA5552255775**	Price
2 - 4"	3 heads, 1 handle, 2 rings	**NA5552255885**	Price
4 - 6"	2 heads, 1 handle, 1 ring	**NA5552255890**	Price
6 - 8"	2 heads, 1 handle, 1 ring	**NA5552255900**	Price

Individual Gages also available

TESA Micromaster Intrimiks

- Easy-to-read accurate measurement of bore diameters



Range (in.)	Model No.	Order No.	Price
.138 - .158" / 3.5 - 4mm	599-290-28-1	**MV4527499**	Price
.158 - .178" /4 - 4.5mm	599-290-30-1	**MV4527500**	Price
.178 - .217" / 4.5 - 5.5mm	599-290-32-1	**MV4527501**	Price
.217 - .256" / 5.5 - 6.5mm	599-290-32-1	**MV4527502**	Price
.240 - .320" / 6 - 8mm	599-290-35-1	**MV4527503**	Price
.320 - .400" / 8 - 10mm	599-290-42-1	**MV4527504**	Price
.400 - .480"/ 10 - 12mm	599-290-50-1	**MV4527505**	Price
.430 - .550" / 11 - 14mm	599-290-60-1	**MV4527506**	Price
.550 - .670" / 14 - 17mm	599-290-70-1	**MV4527507**	Price
.670 - .790" / 17 - 20mm	599-290-80-1	**MV4527508**	Price
.790 - .990" / 20 - 25mm	599-290-100-1	**MV4527509**	Price
.990 - 1.18" / 25 - 30mm	599-290-120-1	**MV4527510**	Price
1.18 - 1.38" / 30 - 35mm	599-290-140-1	**MV4527511**	Price
1.38 - 1.58" / 35 - 40mm	599-290-160-1	**MV4527512**	Price
1.58 - 1.98" / 40 - 50mm	599-290-200-1	**MV4527513**	Price
1.98 - 2.36" / 50 - 60mm	599-290-240-1	**MV4527514**	Price

Mitutoyo Boremetic with Absolute Encoder

Features:

- LCD readout .00005”/0.001mm
- Carbide tipped contact points
- Two measurement modes — ABS (absolute) and INC (incremental) modes
- Rotatable display SPC output
- Functions include: origin setting, origin restoration, zero-setting, pre-setting, data hold, error alarm, low-battery alarm, data output
- Power supply: SR44 (button-type silver oxide cell), 1 pc.
- Boremetic display unit available use part number MT80568-015 to order



Set Measuring Range	Order No.	Price
.275 - .5"	**MT80568-928**	Price
.275 - 5"/ 6.985 - 12.7mm	**MT80568-979-10**	Price
1 - 2"	**MT80568-930**	Price
Display Unit	**MT80568-015**	Price

Complete with display unit, contact heads and setting rings.

Mitutoyo Digimatic Holtests

The Digimatic Holtest is a three-point internal micrometer with digital display (LCD).

- Functions include: zero-setting, preset, data hold, inch/mm conversion, error alarm, data output
- ABS (absolute) and INC (incremental) modes
- LCD Readout .00005” / 0.001mm
- Can be linked to the M-SPC (Mitutoyo Statistical Process Control) system
- Power: silver oxide cell battery (SR-44), offers 4,500 hours of life



Range	Order No.	Price
.275 -.35" / 6.925 - 8.89mm	**MT80468-261**	Price
.35 - .425" / 8.89 - 10.795mm	**MT80468-262**	Price
.5 - .65" / 12.7 - 16.51mm	**MT80468-264**	Price
.65 - 8" / 16.51 - 20.32mm	**MT80468-265**	Price
1 - 1.2 / 25.4 - 30.48mm	**MT80468-267**	Price
1.2 - 1.6" / 30.48 - 40.64mm	**MT80468-268**	Price
1.6 - 2" / 40.64 - 50.8mm	**MT80468-269**	Price

For SPC output order connecting cable 937387 (40”/1m) or 965013 (80”/2mm). Larger sizes and sets available.

Mitutoyo Mitutoyo SPC Connecting Cables

6 Pin Type, Round

Length (in./mm)	Order No.	Price
40" / 1m	**MT80937387**	Price
80" / 2m	**MT80965013**	Price

Starrett® Internal and External Chamfer Gages

- These gages directly measure the diameter of chamfered holes
- No setting master is necessary
- When the three-blade plunger is pressed against a flat surface, the gage should read the set number stamped on the back of the indicator
- In case of wear, the gage may be adjusted to read the proper number

Capacity (in.)	Angle (Degree)	Model No.	Order No.	Price
0 - 3/8	0-90 ID	683-1Z	**MV7063684**	Price
0 - 1/2	0-90 ID	683-2Z	**MV7063685**	Price
0 - 1	0-90 ID	683-3Z	**MV7063686**	Price
1 - 2	0-90 ID	683-4Z	**MV7063687**	Price
0 - 3/8	90-127 ID	684-1Z	**MV7063688**	Price
0 - 1/2	90-127 ID	684-2Z	**MV7063689**	Price
0 - 1	90-127 ID	684-3Z	**MV7063690**	Price
1 - 2	90-127 ID	684-4Z	**MV7063691**	Price
1/8 - 1/2	0-90 OD	685-1Z	**MV7063692**	Price
3/16 - 1	0-90 OD	685-2Z	**MV7063693**	Price
1 - 2	0-90 OD	685-3Z	**MV7063694**	Price
1/8 - 1/2	90-127 OD	686-1Z	**MV7063695**	Price
3/16 - 1	90-127 OD	686-2Z	**MV7063696**	Price
1 - 2	90-127 OD	686-3Z	**MV7063697**	Price



ID Style



OD Style

Starrett® Countersink Gages

- Gages are offered in three different angles so that the gage sets on the angular side of the countersink, as opposed to a chamfer gage which sets on the top edge of the chamfer
- With case

Capacity	Angle (Degree)	Model No.	Order No.	Price
.020 - .170	82	687-1Z	**MV7063698**	Price
.020 - .170	90	688-1Z	**MV7063702**	Price
.020 - .170	100	689-1Z	**MV7063706**	Price
.160 - .360	82	687-2Z	**MV7063699**	Price
.160 - .360	90	688-2Z	**MV7063703**	Price
.160 - .360	100	689-2Z	**MV7063707**	Price
.360 - .560	82	687-3Z	**MV7063700**	Price
.360 - .560	90	688-3Z	**MV7063704**	Price
.360 - .560	100	689-3Z	**MV7063708**	Price
.560 - .780	82	687-4Z	**MV7063701**	Price
.560 - .780	90	688-4Z	**MV7063705**	Price
.560 - .780	100	689-4Z	**MV7063709**	Price



Starrett® Hole Gages

- Fast, accurate, easy to read and have a balanced design for easy one hand operation
- The gage can be pressed down on a flat surface and checked so the size should read the same as the set number stamped on the back of the indicator
- Can also be checked and set with an optional "setting master"
- Includes case

Capacity (in.)	Model No.	Order No.	Price
.010 - .040	690-1Z	**MV7063710**	Price
.030 - .136	690-2Z	**MV7063711**	Price
.130 - .230	690-3Z	**MV7063712**	Price
.230 - .330	690-4Z	**MV7063713**	Price
.25 - 1.00mm	690M-1Z	**MV7063714**	Price
.75 - 3.30mm	690M-2Z	**MV7063715**	Price
3.30 - 5.85mm	690M-3Z	**MV7063716**	Price
5.85 - 8.35mm	690M-4Z	**MV7063717**	Price



Starrett® Check Gage Stand

For Chamfer, Countersink and Hole Gages

- Holds chamfer, countersink and hole gages
- Balanced design for easy one-hand operation

Order No.	Price
MV7063875	Price



BARCOR Mechanical Chamfer Gages



- A precision instrument designed specifically to measure the top (major) diameter of a chamfer, countersink, center drill, or tapered hole.
- Merely press the spring loaded, conically ground, precision 3-blade gaging plunger into the chamfer or countersink and instantly read the dial in .001" or 0.01mm/0.02mm diameter increments
- Also a direct reading gage -no setting master (standard) or look-up chart is required
- To "Zero" the gage or check the setting, press the base of the gage against any flat ground surface and adjust the dial to read the "Set To" number stamped on the back
- Guaranteed accuracy: within ± .001" in 0°–90° models / within ± .002" in 90°–127° models

	127 ID		127 OD		90 ID		90 OD	
Capacity (in.)	Order No.	Price	Order No.	Price	Order No.	Price	Order No.	Price
0 - 3/8	**MX550127**	Price	**MX550127E**	Price	**MX550090**	Price	**MX550090E**	Price
0 - 1/2	**MX555127**	Price	**MX555127E**	Price	**MX555090**	Price	**MX555090E**	Price
0 - 1	**MX551127**	Price	**MX551127E**	Price	**MX551090**	Price	**MX551090E**	Price
1 - 2	**MX552127**	Price	**MX552127E**	Price	**MX552090**	Price	**MX552090E**	Price

BARCOR Electronic Chamfer Gages



- Like BARCOR's well-known mechanical counterpart, the electronic CHAMFER GAGE requires no setting master (standard) or look up chart
- To "Zero" or "Set" the gage, just press the base against any flat ground surface and rotate the bezel to the "Set To" number stamped on the back
- Equipped with rechargeable long life batteries, the gage may also be powered continuously through its 110 VAC adapter/ battery charger or directly from a printer, PC, data collector, etc

	127 ID		127 OD		90 ID		90 OD	
Capacity (in.)	Order No.	Price	Order No.	Price	Order No.	Price	Order No.	Price
0 - 3/8	**MX550127EL**	Price	**MX550127EEL**	Price	**MX550090EL**	Price	**MX550090EEL**	Price
0 - 1/2	**MX555127EL**	Price	**MX555127EEL**	Price	**MX555090EL**	Price	**MX555090EEL**	Price
0 - 1	**MX551127EL**	Price	**MX551127EEL**	Price	**MX551090EL**	Price	**MX551090EEL**	Price
1 - 2	**MX552127EL**	Price	**MX552127EEL**	Price	**MX552090EL**	Price	**MX552090EEL**	Price

BARCOR Countersink Gages



- A precision instrument designed specifically to measure the top (major) countersink diameter
- Merely press the spring loaded, exact angle gaging plunger into the countersink and read the dial directly in .002" or 0.05mm diameter increments on the dial face
- Also a direct reading gage - it reads the dimension as called out on your print
- This gage gives you fact, accurate, and repeatable readings on the shop floor or in the gage room
- Virtually foolproof, even the inexperienced can use the countersink gage with reliable results
- Guaranteed accuracy: ± .0005" or ± .015mm

Countersink Angle	Capacity (in.)	Order No.	Price
82	.020 - .170	**MX55820**	Price
82	.160 - .360	**MX55821**	Price
82	.360 - .560	**MX55822**	Price
82	.560 - .780	**MX55823**	Price
82	.780 - .980	**MX55824**	Price
82	.980 - 1.180	**MX55825**	Price
90	.020 - .170	**MX55900**	Price

Countersink Angle	Capacity (in.)	Order No.	Price
90	.160 - .360	**MX55901**	Price
90	.360 - .560	**MX55902**	Price
90	.560 - .780	**MX55903**	Price
90	.780 - .980	**MX55904**	Price
90	.980 - 1.180	**MX55905**	Price
100	.020 - .170	**MX551000**	Price
100	.160 - .360	**MX551001**	Price
100	.360 - .560	**MX551002**	Price
100	.560 - .780	**MX551003**	Price
100	.780 - .980	**MX551004**	Price
100	.980 - 1.180	**MX551005**	Price
110	.020 - .170	**MX551100**	Price
110	.160 - .360	**MX551101**	Price
110	.360 - .560	**MX551102**	Price
110	.560 - .780	**MX551103**	Price
110	.780 - .980	**MX551104**	Price
110	.980 - 1.180	**MX551105**	Price
120	.020 - .170	**MX551200**	Price
120	.160 - .360	**MX551201**	Price
120	.360 - .560	**MX551202**	Price
120	.560 - .780	**MX551203**	Price
120	.780 - .980	**MX551204**	Price

BARCOR Hole Gages

- A precision instrument designed to give you a diameter reading in less than two seconds
- Merely insert the precision ground, hardened tool steel gaging plunger into the hole, press the base of the gage firmly against the part and read the dial directly in .001" or 0.02mm diameter increments on the dial face
- Guaranteed accuracy: ±.00025"



Capacity (in.)	Order No.	Price
.010 to .040	**MX55040**	Price
.030 to .130	**MX55130**	Price
.130 to .230	**MX55230**	Price
.230 to .330	**MX55330**	Price
.330 to .430	**MX55430**	Price
.430 to .530	**MX55530**	Price
.530 to .630	**MX55630**	Price
.630 to .730	**MX55730**	Price
.730 to .830	**MX55830**	Price
.830 to .930	**MX55930**	Price
.930 to 1.030	**MX551030**	Price

PROCHECK Pocket Dial Thickness Gages



Range	Dial Reading	Graduation	Throat Depth	Order No.	Price
0 - .500"	0-100	.001"	1/2"	**NB60DTG2**	Price
0 - 10mm	0-100	0.01mm	13mm	**PC21DTG10MM**	Price

PROCHECK Dial Thickness Gage

- Main body machined from aluminum
- Easy lift handle
- Measuring faces lapped and polished



Range	Graduation	Order No.	Price
0 - .050	.0001	**PC21DTG05**	Price

PROCHECK Electronic Thickness Gage

- Convenient "Snap Action" instruments with LCD readout
- By pressing down and releasing the thumb lever these gages allow quick and efficient checking of workpiece thickness up to .5"(12.7mm)
- 7 Keys Includes: TOL, SET, ABS, RANGE, in/mm, DIR, ZERO/ON/OFF.
- Range: 0-.5"/0-12.7mm
- Display: 7-Digit LCD with [-] sign .000"/0.01mm



Order No.	Price
PC20ETG05	Price

Fowler Dial Thickness Gages

- Ceramic anvils
- Direct reading 0-100 (with revolution center) on easy-to-read dial
- Frame is hammertone baked enamel
- Microfine graduations for .001" or .01mm minimum reading
- Spindle of hardened stainless steel
- Features a thumb release mechanism
- Includes case

Range (in.)	Dial Reading	Graduation (in.)	Throat Depth (in.)	Order No.	Price
0 - .500	0-50	.005	.500	**NA5552545777**	Price
0 - .500	0-100	.001	1	**NA5552550005**	Price
0 - .500	0-100	.001	4.75	**NA5552550010**	Price
0 - .500	0-100	.001	.500	**NA5552545000**	Price

Starrett Indicator Pocket Gages

- 3/8" Range, 5/16" to 1/2" throat depth
- Revolution counter

MADE IN THE USA



Graduation	Dial Reading	Order No.	Price
.0005	0-50	**MV7053115**	Price
.001	0-100	**MV7056067†**	378.00
.001	0-100	**MV7053114**	Price
.01mm	0-100	**MV7053116**	Price

†Rounded contacts

CDI Portable Thickness Gages

- Specifically designed for hand use
- Electronic indicator resolution .0005"
- Lifting levers are supplied on all indicators

MADE IN THE USA



Range	Throat Depth (in.)	Anvil (in.)	Contact Point (in.)	Order No.	Price
0 - .500	2	1" Dia. Flat	3/16 Dia. Radius	**MV65DG1010**	Price
0 - 1"	6	1" Dia. Flat	3/16 Dia. Radius	**MV65DG109**	Price

Mitutoyo Dial Thickness Gages

- Quick and efficient means of inspection with their convenient grip handle
- Thumb trigger
- Sping loaded spindle



Range	Dial Reading	Graduation	Throat Depth	Order No.	Price
0 - .050	0-10	.0001	1-1/8	**MT807326S**	Price
0 - .1/2	0-100	.001	30mm	**MT807300S**	Price
0 - 1	0-100	.001	30mm	**MT807304S**	Price
0 - 1	0-100	.001	30mm	**MT807322S**	Price
0 - 10mm	0-100	.01mm	25mm	**MT807301**	Price



NA5552545000



NA5552550005



NA5552545777

PROCHECK Internal Dial Caliper Gages

- 001” Graduation
- For checking internal bores, recess diameters, etc
- Each instrument has a movement of 1”
- Can be set with a micrometer or ring gage
- Dial face diameter 2”
- Bezel rotates for zero setting
- Arms automatically open when button is released
- Length of arm 3-1/4”
- Carbide measuring points
- Made to precision tolerances





Range (in.)	Order No.	Price
.375 - 1.375	**NB45IC37**	Price
.750 - 1.750	**NB45IC75**	Price
1.125 - 2.125	**NB45IC112**	Price
1.500 - 2.500	**NB45IC150**	Price
1.875 - 2.875	**NB45IC187**	Price
2.250 - 3.250	**NB45IC225**	Price
2.875 - 3.875	**NB45IC287**	Price
3.250 - 4.250	**NB45IC325**	Price
3.625 - 4.625	**NB45IC362**	Price
4.000 - 5.000	**NB45IC400**	Price

PROCHECK External Dial Caliper Gages

- .001” Graduation
- Each instrument has a movement of 1”
- Can be set with a micrometer or ring gage
- Dial face diameter 2”
- Bezel rotates for zero setting
- Arms automatically open when button is released
- Length of arm 3-1/4”
- Carbide measuring points
- Made to precision tolerances



Range (in.)	Order No.	Price
0 - 1	**NB45EC01**	Price
.375 - 1.375	**NB45EC37**	Price
.750 - 1.750	**NB45EC75**	Price
1.125 - 2.125	**NB45EC112**	Price
1.500 - 2.500	**NB45EC150**	Price
1.875 - 2.875	**NB45EC187**	Price
2.250 - 3.250	**NB45EC225**	Price
2.875 - 3.875	**NB45EC287**	Price
3.250 - 4.250	**NB45EC325**	Price
3.625 - 4.625	**NB45EC362**	Price

Fowler Internal Caliper Gages

- Easy to hold
- RS232 output
- Rugged housing
- Large LCD display
- Resolution: .0005”/0.01mm
- Accuracy ± .0008”/±0.02mm
- Preset capability
- Direct inch/metric conversion
- Absolute/incremental measurements
- High-impact, aircraft aluminum case



Range (in./mm)	Order No.	Price
.200 - .590 / 5 - 15mm	**NA5554554611**	Price
.200 - 1 / 5 - 25mm	**NA5554554622**	Price
.400 - 1.2 / 10 - 30mm	**NA5554554623**	Price
.790 - 1.6 / 20 - 40mm	**NA5554554624**	Price
1.2 - 2 / 30 - 50mm	**NA5554554625**	Price
Computer Connect Kit	**NA5554115777**	Price

Fowler External Caliper Gages

- Easy to hold
- RS232 output
- Rugged housing
- Large LCD display
- Resolution: .0005”/0.01mm
- Accuracy ± .0008”/±0.02mm
- Preset capability
- Direct inch/metric conversion
- Absolute/incremental measurements
- High-impact, aircraft aluminum case



Range (in./mm)	Order No.	Price
0 - .400 / 0 - 10mm	**NA5554554711**	Price
0 - .790 / 0 - 20mm	**NA5554554722**	Price
.400 - 1.2 / 10 - 30mm	**NA5554554723**	Price
.790 - 1.6 / 20 - 40mm	**NA5554554724**	Price
1.2 - 2 / 30 - 50mm	**NA5554554725**	Price
Computer Connect Kit	**NA5554115777**	Price

Fowler Internal & External Electronic Caliper Gages

XTRA-VALUE

- Robust housing
- Large LCD display
- Reading: .01”/ 0.1mm / 64ths
- Accuracy: .01”/ 0.1mm / 64ths
- Spring loaded with locking nut
- Battery: CR2032 (included)





Style	Total Opening Range	Order No.	Price
Inside Caliper	.5 - 6 / 150mm	**NA5554554730**	Price
Outside Caliper	0 - 6 / 150mm	**NA5554554630**	Price

HC & HD Series Counting Scales

Features:

- Disables all key functions except (On/Off) (Zero) (Tare) (Sample) (Enter/M+PRT) for error-free use
- Automatic Counting Accuracy Improvement (ACAI) feature for excellent counting accuracy
- Automatic power off to conserve battery life
- Weighing units LB and KG
- Large easy-to-read wide angle LCD displays
- 120V AC Adapter (TB163) included
- **5 Year WarrantyFeatures:**



Style - HC Series				
English Cap./Res.	Metric Cap./Res.	Pan Size	Order No.	Price
15 lbs x .002 lbs	6 kg x .001 kg	8.3 x 11.8	**RH55HC6KI**	Price
30 lbs x .005 lbs	15 kg x .002 kg	8.3 x 11.8	**RH55HC15KI**	Price

Style - HD Series				
English Cap./Res.	Metric Cap./Res.	Pan Size	Order No.	Price
30 lbs x .005 lbs	12 kg x 2g	11.8 x 15	**RH55HD12KB**	Price
60 lbs x .01 lbs	30 kg x 5g	11.8 x 15	**RH55HD30KB**	Price

Style - Rechargeable Battery Pack		
English Cap./Res.	Order No.	Price
Rechargeable Battery Pack for all HC Series Scales	**RH55HC06I**	Price
Rechargeable Battery Pack for all HD Series Scales	**RH55AD1681**	Price

FG Series Bench Scales

Features:

- Robust construction, large LCD
- Battery or AC adapter operation
- Moisture protected load cell
- Display head tilts on the optional column
- Stainless steel weighing pan
- Wide range of options & accessories available including high resolution & carrying handle
- Pan size: 11.8 x 15”



Capacity/Resolution	Order No.	Price
60 lbs x .02 lbs	**RH55FG30K**	Price
150 lbs x .05 lbs	**RH55FG60K**	Price
300 lbs x .1 lbs	**RH55FG150K**	Price
400 lbs x .1 lbs	**RH55FG200K**	Price

EK-I & EW-I Series Portable Lab Balances

Features:

- Multiple weighing units (g, oz, lb, ozt, dwt, ct, mm, and gn)
- Percentage and counting mode
- 8 Built-in weighing units plus counting and percentage
- 120V AC Adapter (TB102) included



Pan Size	Capacity/Resolution	Order No.	Price
4.3 diameter	30 / 60 / 150g x .01 / .02 / .05g	**RH55EW150I**	Price
5.2 x 6.7	300 / 600 / 1500g x .1 / .2 / .5g	**RH55EW1500I**	Price

Pocket Scales

Features:

- Multiple weighing units (g, oz, dwt, ozt)
- Standard calibration weights
- Simple operation
- Auto power off
- Operates on 2 AAA batteries
- 3-1/4″ × 3″ Pan size
- Vinyl carrying case



English Cap./Res.	Metric Cap./Res.	Order No.	Price
3.5 oz x .005 oz	100g x .1g	**RH55PV100**	Price
7 oz x .005 oz	200g x .1g	**RH55PV200**	Price
16 oz x .005 oz	500g x .1g	**RH55PV500**	Price

GX Series Toploader Balances

Features:

- Super hybrid sensor technology
- Internal calibration, standard WinCT
- Mulitiple weighing units
- Data memory function
- Auto environmental adjustment
- Clear VFD display
- GLP/LIMS/ISO compliance
- RS-232C standard interface



Capacity/Resolution	Order No.	Price
210g x .001g	**RH55GX200**	Price
410g x .001g	**RH55GX400**	Price
610g x .001g	**RH55GX600**	Price
2100g x .01g	**RH55GX2000**	Price
4100g x .01g	**RH55GX4000**	Price
6100g x .1g	**RH55GX6000**	Price
8100g x .1g	**RH55GX8000**	Price

Starrett® DFG Digital Force Gages



- Can be used as a handheld force gage for basic applications or with a FMM Digital Force Tester, or MTL and MTH Manual Testers
- Real Time
- Peak Tension Testing
- Peak Compression Testing

Model No.	Force Capacity (Resolution/Newtons)	Force Capacity (Resolution/Kilograms)	Force Capacity (Resolution/Pounds)	Thread Size	Style	Order No.	Price
DFG-10	50	5	10	M6 x 1-6g	Gauge, Handheld	**MV7073129**	Price
DFG-100	500	50	110	M6 x 1-6g	Gauge, Handheld	**MV7073130**	Price
DFG-20	100	10	20	M6 x 1-6g	Gauge, Handheld	**MV7073131**	Price
DFG-200	1000	100	225	M6 x 1-6g	Gauge, Handheld	**MV7073132**	Price
DFG-50	250	25	50	M6 x 1-6g	Gauge, Handheld	**MV7073133**	Price
DFG-500	2500	250	550	M10 x 1.5-6g	Gauge, Handheld	**MV7073134**	Price

Starrett® Digital Force Gage - Series DFC

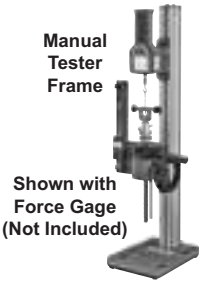


- Can be used as a handheld instrument for basic applications or as a force sensor when used with a FMM Digital Force Tester, MTL and MTH Manual Tester
- Limited Testing
- Load Average Testing
- Time Average Testing
- Cyclic Count Testing
- Cyclic Duration Testing
- Constant Hold Testing

Model No.	Force Capacity (Resolution/Newtons)	Force Capacity (Resolution/Kilograms)	Force Cap. (Resolution/Pounds)	Thread Size	Style	Order No.	Price
DFC-10	50	5	10	M6 x 1-6g	Gauge, Handheld	**MV7073121**	Price
DFC-100	500	50	110	M6 x 1-6g	Gauge, Handheld	**MV7073122**	Price
DFC-2	10	1	2	M6 x 1-6g	Gauge, Handheld	**MV7073123**	Price
DFC-20	100	10	20	M6 x 1-6g	Gauge, Handheld	**MV7073124**	Price
DFC-200	1000	100	225	M6 x 1-6g	Gauge, Handheld	**MV7073125**	Price
DFC-5	25	2	5	M6 x 1-6g	Gauge, Handheld	**MV7073126**	Price
DFC-50	250	25	50	M6 x 1-6g	Gauge, Handheld	**MV7073127**	Price
DFC-500	2500	250	550	M10 x 1.5-6g	Gauge, Handheld	**MV7073128**	Price

Starrett® MTH-550 Manual Tester





- The MTH has a load measurement capacity of 550lbf (2500N, 250kgf)
- Force measurement is performed using a Starrett digital force gage
- The MTH-550 is an ideal, affordable solution for spring testing; Fit the MTH-550 with a digital force gage and optional digital scale to determine spring rates, intital tension and more

Features:

- Tension or Compression Testing
- Excellent for Cost-Effective Spring Testing
- Effortless Crosshead Movement
- Precision Worm Gear Design
- Excellent Position Resoluton: Single Rotation for 0.03" (0.75mm)
- 30" (762mm) Column Height, 15" (380mm) Working Area
- Adjustable Gage Mounting

Model No.	Thread Size	Style	Type	Order No.	Price
MTH-550	M10 x 1.5-5H	Stands, Manual, Handwheel	Test Frame	**MV7073147**	Price
MTH-SCALE	-	Accessories, Force	Digital Scale Assembly	**MV7073451**	Price
MTH-550	-	Accessories, Force	Adapter Kit	**MV7073453**	Price

Starrett® MTL-110 Manual Tester





- The MTL-110 can measure force up to 110lbf (500N, 50kgf)
- Ideal for component testing
- Options include a digital scale for measuring deflection distance
- The base adapter adjusts to accommodate different gage models

Features:

- Compact design is ideal for Lean Manufacturing Environments
- Lever-type, Quick-action Crosshead Movement
- Precision Rack and Pinion
- Excellent Position Resolution: Single Rotation for 3" (76mm)
- Adjustable Gage Mounting

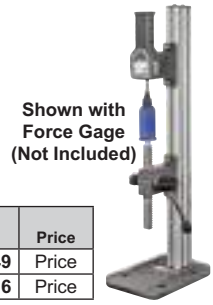
Model No.	Force Capacity (Resolution/Newtons)	Force Capacity (Resolution/Kilograms)	Force Capacity (Resolution/Pounds)	Thread Style	Style	Type	Order No.	Price
MTL-110	500	50	110	-	Stands, Manual, Lever	Test Frame	**MV7073148**	Price
MTL-SCALE	-	-	-	-	Accessories, Force	Digital Scale Assembly	**MV7073450**	Price
MTL-110	-	-	-	-	Accessories, Force	Adapter Kit	**MV7073452**	Price

Starrett® MTL-330 Manual Tester

- The MTL-330 can measure force up to 330lbf (1500N, 150kgf)
- Ideal for tensile and compression testing applications and spring testing
- Optional digital scale can determine spring rates, initial tension and more
- Easily mounted to your workbench for secure testing
- Optional gage adapter kits are available for use with Non-Starrett force gages

Features:

- Compact design is ideal for Lean Manufacturing Environments
- Lever-type, Quick-action Crosshead Movement
- Precision Rack and Pinion
- Excellent Position Resolution: Single Rotation for 3" (76mm)
- Adjustable Gage Mounting



Model No.	Force Capacity (Resolution/Newtons)	Force Capacity (Resolution/Kilograms)	Force Capacity (Resolution/Pounds)	Thread Size	Style	Type	Order No.	Price
MTL-330	1500	150	330	M6	Stands, Manual, Lever	Test Frame	**MV7073149**	Price
MTL-SCALE330	-	-	-	-	Accessories, Force	Digital Scale Assembly	**MV7073716**	Price

Mechanical Force Gage - Series FB

- FB Ranges (Resolution) Accuracy: FB ±0.3% F.S
- Ergonomic, heavy-duty metal case
- 165 lbf Overload capacity
- Real time and peak mode
- Tare ring
- No batteries needed
- Mountable to test fixtures
- Intrinsically safe
- Carrying case and standard attachments included






Capacity (Resolution/ Pounds)	Order No.	Price
5 lbf (.05 lbf)	**NA43FB5**	Price
50 lbf (.2 lbf)	**NA43FB50**	Price
100 lbf (1 lbf)	**NA43FB100**	Price
150 lbf (1 lbf)	**NA43FB150**	Price

Capacity (Resolution/ Kilograms)	Order No.	Price
1 kgf (10gf)	**NA43FB1KG**	Price
50 kgf (500 gf)	**NA43FB50KG**	Price

Capacity (Resolution/ Newtons)	Order No.	Price
20 N (.2 N)	**NA43FB20N**	Price
300 N (2.5 N)	**NA43FB300N**	Price

NOTE: Reverse display units available (for use on vertical test stands, for tension applications)

High Capacity Mechanical Force Gage - Series ESH

- Capacity up to 500 lbs
- Rugged design for heavy usage
- Heavy-duty metal construction
- 135% Overload capacity
- Tare ring
- Real time and peak mode
- Mountable to test fixtures
- Carrying case and standard accessories Included (as shown)

ESH Ranges (Resolution) Accuracy: ESH ±0.5% F.S




Capacity (Resolution/Pounds)	Order No.	Price
200 lbf (2 lbf)	**NA43ESH200**	Price
300 lbf (2.5 lbf)	**NA43ESH300**	Price
400 lbf (4 lbf)	**NA43ESH400**	Price
500 lbf (5 lbf)	**NA43ESH500**	Price

NOTE: Reverse display units available (for use on vertical test stands, for tension applications)

Vertical Lever Stand

- Standard compression model easily converted to tension
- Optional distance meter
- Operates with a single downward lever stroke
- Maximum load 220 lbs
- Stroke 4”
- Maximum clearance 5” (10” with optional AP003 extender plate)



Description	Order No.	Price
Vertical Compression Stand for Force Gauges	**NA43LV220C**	Price
Vertical Compression Stand with Distance Meter for Force Gauges	**NA43LV220SC**	Price
Vertical Tension Stand for Force Gauges	**NA43LV220T**	Price
Vertical Tension Stand with Distance Meter for Force Gauges	**NA43LV220ST**	Price

Digital Force Gage with Outputs - Series DS2 Series DS2

DS2 Ranges (Resolution)

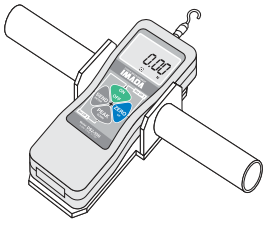
- Accuracy: ±0.2% F.S. ±1 LSD
- Ergonomic, durable, heavy-duty metal construction
- Push-button selectable lbf, kgf, and Newton units
- RS-232C, Digimatic and analog outputs
- Programmable high/low setpoints with LCD indicators
- Overload capacity 200% F.S.
- Overload alarm, display flashes at overload limit
- Low battery icon
- Runs on internal NI-MH batteries or AC adapter
- Selectable real time or peak mode operation
- Push-button tare function
- Reversible display
- Set of 6 attachments, AC charger/adapter and carrying case

Capacity (Resolution) Pounds (Ounces)	Capacity (Resolution) Kilograms (Grams)	Capacity (Resolution) Model Newtons	Order No.	Price
7.0 ozf (.01 ozf)	200.0 gf (.1 gf)	2.000 N (.001 N)	**NA43DPS05**	Price
18.0 ozf (.01 ozf)	500.0 gf (.1 gf)	5.000 N (.001 N)	**NA43DPS1**	Price
4.400 lbf (.001 lbf)	2.0 kgf (.001 kgf)	20.00 N (.01 N)	**NA43DPS4**	Price
11.00 lbf (.01 lbf)	5 kgf (.001 kgf)	50.00 N (.01 N)	**NA43DPS11**	Price
44.00 lbf (.01 lbf)	20 kgf (.01 kgf)	200.0 N (.1 N)	**NA43DPS44**	Price
110.0 lbf (.1 lbf)	50 kgf (.01 kgf)	500.0 N (0.1 N)	**NA43DPS110**	Price
220.0 lbf (.1 lbf)	100.0 kgf (.1 kgf)	1000.0 N (1 N)	**NA43DPS220**	Price

Note: Use an "R" suffix for reverse display units (for use on vertical test stands)









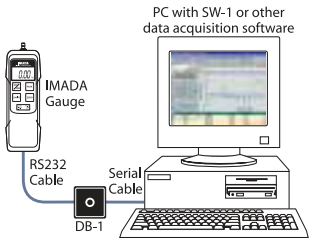
Data Acquisition Software

Use SW-1 to capture and display the current value and calculate max/min, average, and standard deviation. Use buttons on the spreadsheet to operate the gauge from your computer.
The optional DB-1 data button works with SW-1 software to further automate data acquisition. Enter peak measurements into the spreadsheet and 'zero' the gauge with just a touch of the button. Save unnecessary time at the computer and gauge for more efficient testing.

- Full SPC and graphing capabilities
- Designed for Imada Gauges
- Automates your data collection
- PC with SW-1 or other data acquistion software







Description	Order No.	Price
SW-1 Data Acquisition Software	**NA43SW1**	Price

Horizontal Lever Stand

- Both tension and compression testing
- Optional distance meter
- Stroke 4"
- Maximum load 220 lbs
- Lever action allows rapid testing
- Large work area accommodates a wide variety of samples



Description	Order No.	Price
Horizontal Lever Stand with Distance Meter for Force Gauges	**NA43LH220S**	Price

PROCHECK Rockwell Type Hardness Tester
with Automatic Weight Selection

Standard Accessories:
- 5-3/4″ Testing table
- 2-3/16″ Testing table
- 2-3/16″ Testing table with “V” groove
- 120° Diamond penetrator
- 1/16″ Steel ball penetrator
- Rockwell A test block (1 pc.)
- Rockwell B test blocks (2 pcs.)
- Rockwell C test blocks (3 pcs.)
- Screwdrivers (2 pcs.)
- Complete instruction manual
- Dustproof plastic cover
- Maximum load (kgf): 150
- Load range (kgf): 60, 100, 150
- Initial range load: 10
- Maximum test height: 4-1/4″
- Depth of throat: 5-1/4″
- Below base: 2″
- Size of base: 7″ × 18″
- Machine height: 24-1/2″
- Approximate net weight: 150 lbs

Order No.	Price
NR50900330	Price



PROCHECK 3-R Hardness Tester
Equal in Quality to Finest Testers Made

Complete list of accessories included:
- Diamond penetrator
- 1/16″ Ball penetrator 10 replacement balls for same
- 3 Anvils; 1 large V-block anvil, 1 small V-block anvil, 1 flat anvil
- 2 Hardness test pieces. 1 each scale “B” and “C”
- 3 Weights (60-50-40kg)
- Dust cover
- Storage case for accessories
- Test height: 8″
- Depth from center to column: 5-11/16″
- Overall height: 24″
- Length: 17-1/2″
- Width: 8″
- Weight: 240 lbs



Order No.	Price
NR50PCHT3	Price

Accessories for Rockwell Type Hardness Testers

Description	Order No.	Price
“B” Scale Testing Block	NR60RTBB†	Price
“C” Scale Testing Block	NR60RTBC†	Price
1/16" Steel Ball	NR60BP116	Price

Description	Order No.	Price
1/8" Steel Ball	NR60BP118	Price
Diamond Tip	NR60EPDN	Price

† Must specify hardness at time of order.

Hardness Coversion Charts

Hardness Tester Information

Hardness Tester Set Up

Make sure all surfaces are free of dust and oil. Wipe penetrator, spindle mount, anvil surface, anvil base and mount, test piece and items to be tested with clean lint free cloth to insure good contact on all surfaces.

Selecting the type of test to perform, penetrator and weight setting used

A scale: Used for testing hardness of metals such as tungsten carbide alloy, etc. over 70 Rockwell hardness on the C scale. Also to be used when testing hard sheet materials and surface quenched (case hardened) materials. Use diamond penetrator and set weight selector to 60kg.

B scale: Used for testing hardness of softer or mild hardened metals and unquenched steel part. : Use 1/16” steel ball penetrator and set weight selector to 100kg.

C scale: Used for testing hardness of heat-treated steel parts. Use diamond penetrator and set weight selector to 150kg.

Seating the penetrator to eliminate clearance between the penetrator and the mounting spindle.
- Seating procedure: Place the penetrator in the spindle and turn mounting screw slightly to hold penetrator in place. DO NOT TIGHTEN AT THIS TIME
- Place on flat anvil and appropriate test block to correspond with penetrator and the scale test to be preformed (A, B or C)
- Pull front load lever forward to apply test weight (Load)
- In the load position tighten the screw to hold penetrator firmly
- Swing back lever to lock position (unload) to release test weight

Checking Hardness Tester Calibration

Price	The repeatability of the testblock readings shall be not greater than:
Rockwell C Scale:	
Price	0.5
Below 60	1.0
Rockwell B Scale:	
Price	1.0
Below 45 to 1.5, inclusive	1.5
Rockwell A Scale:	
Price	0.5
Below 80 to 60.5, inclusive	1.0
Rockwell 30 N Scale:	
Price	0.7
Below 77.5 to 41.5, inclusive	1.0
Rockwell 30 T C Scale:	
Price	1.0
Below 46.2 to 15.0, inclusive	1.5

If a tester is in constant use, checking the tester with test blocks should done daily to see if tester is out of calibration or if the penetrator is damaged.

If used throughout a given scale, the recommended practice is to check it at the high, low and middle range of this scale. For example C scale: the tester should be checked at C63, C45 and C25.

If only one or two ranges are used, test blocks should be chosen which fall within ±5 hardness numbers on any scale using the diamond penetrator and ±10 numbers on any scale using the ball penetrator.

Running a minimum of 5 tests, the average must fall within the tolerances indicated on the block for the tester to be considered in calibration. In addition, the difference between the highest and lowest reading on the 5 tests must not be greater than the value specified in table shown for the hardness range of the test block. If the average of the five readings is outside of test block limits, the recommended practice is to clean and examine the tester according to the instruction manual. Before assuming that the tester is the prime cause of readings outside of test block limits, replace the ball in the ball penetrator or examine the diamond point of the diamond penetrator. Replace the penetrator if it is damaged.

Spacing of indentations on the test block is also important. The same rule applies as when testing any material: the distance from center to center of indentations must be at least three diameters. The readings, usually higher, from any indentations spaced too closely together should be disregarded.

INSIZE Manual Rockwell Hardness Tester



- Hardness scale: HRA, HRB, HRC, HRD, HRF, HRG
- Preliminary test force 98N/10kgf
- Test force: 588N/60kgf, 980N/100kgf, 1471N/150kgf
- Display analogue
- Stage elevation manual
- Load control manual
- Min. reading 0.5HR
- Results Dipslay: HLD
- Size: 25.59” L x 17.13” W x 35.63” H
- Weight: 231 lbs

Order No.	Price
SZ20ISHR150	Price

Starrett Twin Analog Bench Hardness Tester

Model 3815



- Direct analog dial reading
- Advanced design provides Rockwll and Rockwell Superficial testing
- Engineered to provide sensitive and accurate readings
- Conforms to ASTM E-18
- Tests Rockwell scales A, B, C, D E, F G H, K, L, M
- Tests Superficial Rockwell Scales: HR15N, HR15T, HR30N, HR30T, HR45N, HR45T
- Includes a diamond conical indentor, 1/16” ball indentor, HRC, HRB, HR15N, HR30N, and HR45T test blocks, 5.87” (150mm) test table, 2.5: (63mm) flat anvil, standard vee anvil, accessory case and dust cover

Order No.	Price
MV7012800	Price

Starrett 3814 Analog Hardness Tester



Analog Features:

- Ability to handle Rockwell Scales A through H and K
- Stable cast iron construction
- Ideal basic hardness testing for many typical applications
- Test force control - hydraulic dashpot system
- Results display - analog - dial gage
- 30”H x 8.5”W x 20”D
- Economically priced

Digital Features:

- Automated routines reduce operator involvement and speed measurement
- LED panel displays proper load setting
- Programmable scale conversions, dwell times and tester counter
- Sample averaging is automatically calculated
- RS-232C output
- Test force control - motoized
- Results display - digital readout
- 28”H x 8.9”W x 19.6” D
- Convenient mini printer for outputting readings

Technical Specifications:

- Minor load - 10Kgf
- Major load - A:60Kgf, B:100Kgf, C:150Kgf
- Test force application - (Dead weight applies test force)
- Throat depth - 6.6” (168mm)
- Maximum test height - 6.69” (169.9mm)
- Unit weight - 187 lbs (85kg)

Results Display	Order No.	Price
Analog - Dial Gage	**MV7067754**	Price

GENERAL Hardness Meter

- Measure the surface and coating hardness of installed machines and components, die molding surfaces and bearings
- Console stores up to 1250 tests
- Measurement accuracy: +/- 0.5%
- Display size and type: 112 x 64 pixel LCD
- Auto power off after 3 minutes of inactivity
- Power source: 2 AAA batteries (not included)
- Includes: console, D type impact device, standard hardness test block with a nominal hardness value of 797 HLD, cleaning brush and support ring, hard plastic carrying case
- Limited 2 year warranty



Order No.	Price
NB49UTEMHT20	Price

INSIZE Portable LEEB Hardness Tester

- Min. reading: 1HLD, 1HV, 1HB, 0.1HRC, 0.1HRB, 1HS, 1MPa
- Accuracy ±6HLD (when HLD=800)
- Display: Leeb(HLD), converted hardness, material, impact direction, test times, average value, date
- Output bluetooth
- Supplied with impact device D
- Set measurement times (1~9) to have average value
- Based on Leeb(HLD), converted to Vickers(HV), Brinell(HB), Rockwell(HRC and HRB), Shore(HS) and tensile strength(MPA)
- Memory of 99 measurement values for browsing
- Connected with printer via bluetooth
- Automatic power off. According to ASTM A 956
- Results Display: HRA, B, C, D, F, G
- Size: 12.99" L x 11.42" W x 3.74" H



Order No.	Price
SZ20ISHPHB	Price

FLEXBAR Portable Quick-Check Rockwell Hardness Tester

A quick & easy checking gage for flat workpieces. Ideal for spot or production checking

- Pocket size — length is 9-1/4″, weight is 4 oz
- Minimum size of workpiece: 1" square x 1/2 thick
- Precise reading in Rockwell C scale — pretested for positive release and dependable accuracy
- 20 Rc to 65 Rc hardness of the Rockwell C scale
- Will not mar the surface of heat treated parts
- Includes carrying case

MADE IN THE USA



Order No.	Price
GG4517295	Price

GENERAL Hardness Tester ASTM Rated - Pen Style

Check hardness on most metals - True hand held compact model.

Features and Specifications:

- Quick and reliable check on most metals
- Wide measuring range: direct display of converted hardness values in Rockwell HRB, HRC, Vickers HV, Brinell HB and Shore HS (Min/Max/Avg)
- Impact device provides testing at any angle, even upside down
- 1250 readings memory with data output USB
- High accuracy ±0.5%
- Hardness parameter HL, HRC, HRB, HV, HB, HS
- Battery life: 16 hours continuous (Auto Power Off)
- Display functions: Hardness scale, hardness value, average indicator and average value, impact direction, type of impact device connected, memory reference
- Overall dimensions: 6.2"L x 1.6"W x 1"D (158 x 41 x 26mm) Weight: 4.2 oz (120g)
- Conforming to ASTM A 956

Includes: Main unit with impact device, cleaning brush, software & cable, certificate, manual and carrying case





Order No.	Price
NB49EMHT40	Price

Hardness Testing Files

Consists of 6 different special files, color coded for hardness assessment.
A unique set of six specially shaped files, each with a nonslip grip, color-coded handle. The Rockwell value is printed on each handle and the files range from HRc 40 through HRc 65.
Testing files have specially curved tips which can reach into internal slots, grooves and bores. Large surface-hardened gears, large printing cylinders or weld zones of heat affected pipe lines which cannot be moved to a stationary tester.



Order No.	Price
NR50FHC6	Price

Durometers

ISO 9001

For Use on Rubbers and Plastics



Vest Pocket Features
- Ultra lightweight, 5 x 4.5″H
- Excellent for hard-to-reach places
- Virtually unbreakable, superior accuracy
- Precision construction
- Easy to read, holds reading until reset
- Furnished with a leather pouch

MADE IN THE USA

Standard Dial Features
- Large dial, full 360° sweep, 2.25″ x 6.125″H
- Superior 1/2 point accuracy
- Custom made carrying case

Note:
Shore “A” for soft material and Shore “D” is for harder material

Shore Scale	Type	Order No.	Price
A	Standard Dial Durometer	**NR551600A**	Price
A	Vest Pocket Durometer	**NR551500A**	Price
D	Standard Dial Durometer	**NR551600D**	Price
D	Vest Pocket Durometer	**NR551500D**	Price

Test Block Kits



MADE IN THE USA

- Color coded specimens (approx. 2 × 2″)
- 1/4” Thickness
- Rubber material
- Various durometer hardness values ranging from 30 to 90 durometers
- Size 5.5L × 4.687W × 2.562″H
- TBKA: 7 Specimens
- TBKD: 3 Specimens

Shore Scale	Order No.	Price
A	**NR55TBKA**	Price
D	**NR55TBKD**	Price

Portable Durometers



Applications:
35° blunt taper Durometers are suitable for testing soft and natural rubber products, neoprene, polyesters, soft P.V.C., leather, thiokol, nitrile rubbers, wax, felt.
Sharp 30°: testing hard rubber, hard synthetic materials, e.g. acrylics, glass, polystyrol, thermoplastics, printing rolls, vinyl sheets, cellulose acetates, densified wood, etc.

- Manufactured in accordance with DIN, ASTM, ISO and JIS specifications
- Test pieces should have a thickness of at least .20″ (5mm) to provide accurate readings that conform to Shore A hardness scales and .12″ (3mm) for Shore D hardness scales
- The test piece size should extend .47″ (12mm) from each side
- Includes reference test block, operating instructions and fitted case

Shore Scale	Penetrator	Order No.	Price
A	Blunt Taper 35°	**NA5553762101**	Price
D	Sharp Point 30°	**NA5553762102**	Price

Portable Shore Durometers



Fowler’s Portable Shore Durometers are just the right gage for testing the hardness of flexible materials such as rubber and plastics

Applications:
Durometers with the 35° blunt taper are suitable for testing soft and natural rubber products, neoprene, polyesters, soft P.V.C., leather, thiokol, nitrile rubbers, wax, felt and more
Durometers with the sharp 30° point are ideal for testing hard rubber, hard synthetic materials, e.g. acrylics, glass, polystyrol, thermoplastics, printing rolls, vinyl sheets, cellulose acetates, densified wood, etc.

Made in ENGLAND



- Manufactured in accordance with DIN, ASTM, ISO & JIS specifications, two styles available in analog and digital readout
- Both Shore A and B scale units are available to fit a wide variety of applications
- Price includes reference test block, operating instructions & wooden box

Description	Penetrator	Shore Scale	Order No.	Price
Digital Shore Durometer	Blunt Taper 35°	A	**NA5554762001**	Price
Digital Shore Durometer	Sharp Point 30°	D	**NA5554762002**	Price
Portable Shore Durometer	Blunt Taper 35°	A	**NA5553762001**	Price

Hardmatic Durometers



Applications:
- Suitable for testing of natural rubber, neoprene, polyesters, P.V.C., leather, nitrite rubber, wax, vinyl, cellulose acetates and glass polystyrene
- Designed in accordance with the ASTM D 2240, ISO868, ISO 7619, DIN 53 505, JIS K 6253, and JIS K 7215 specifications
- Units are available in both Shore A and Shore D scales, and will test a wide variety of applications
- Provided with data hold function, permitting the operator to make an error-free reading on the LCD screen
- Provided with a peak retaining hand for error-free reading
- Tip Angle: 30°±0.5°
- Digital: Data hold, Zero-setting, SPC output, Power ON/OFF (Power supply: SR44 x 1pc.) Analog Durometer: Peak retaining hand
- Dimensions: 2.3 x 1.3 x 5.7in 56 x 33.5 x 144mm

Model No.	Shore Scale	Penetrator	Order No.	Price
HH-335-10	A	Blunt Taper (Tip Dia. .79mm)	**MT80811-335-10**	Price
HH-336-10	A	Blunt Taper (Tip Dia. .79mm)	**MT80811-336-10**	Price
HH-337-10	D	Sharp Point (Tip Curvature 0.1±0.01mm	**MT80811-337-10**	Price
HH-338-10	D	Sharp Point (Tip Curvature 0.1±0.01mm	**MT80811-338-10**	Price

Hardmatic Durometer Accessories for HH-300 Series



Type	Order No.	Price
HH-300 "A" Scale Durometer Stand	**MT8064AAA962**	Price
HH-300 Combination "D" & "A" Scale Durometer Stand	**MT8064AAA796**	Price
HH-300 Moticam 1080	**MT8064AAB526**	Price

INSIZE Roughness Testers

- 21 roughness parameters
- Connected with printer via bluetooth
- Display roughness values
- Profile and curve
- Memory of maximum 100 results
- Automatic power off



Model No.	Measuring Range	Order No.	Price
ISR-C002	6299 µin	**SZ20ISRC002**	Price
ISR-C003	Rq: 2~590µin, Rz, Rt: 4~1968µin	**SZ20ISRC003**	Price

Starrett Surface Roughness Testers

SR Series

- Uses Li-Poly rechargeable batteries
- Filter: 2CR/Gaussian (Gaussian on SR160)
- Operates in 41-104° F (5-40°C), 0-80% non-condensing humidity
- Able to calibrate to ISO 4287 standards
- SR300 and SR400 have USB Type A
- Skidded measurement type
- Full line of accessories are available



SR300



SR160

Starrett No.	Resolution	Traversing Length	Measuring Range	Evaluation Length	Order No.	Price
SR160	0.4µin (10nm)	.2" (5mm)	200µm	-	**MV7072584**	Price
SR300	100nm. 20nm, 10nm	17.5mm	200µm, 100µm, 10µm	.01 - .48" (0.25-17.5mm)	**MV7021000**	Price
SR400	50nm, 10nm, 5nm	25.6mm	400µm, 100µm, 10µm	.01 - .89" (0.25-25.6mm)	**MV7021001**	Price

Starrett Electronic Durometer

Model 3805B



- Compact, easy to use and accurate
- Measures Shore A values for a wide variety of soft materials including rubber, soft vulcanized (i.e. tire), natural nitrile, elastomeretric materials (rubber and rubber-like); GR-S, GR-1, neoprene, thiokol, flexible polyacrylic esters, other soft materials including wax, felt, leather, etc. (materials that would normally yield under fingernail pressure)

Features & Specifications:

- Extra large LED display
- Simple 3-button control
- Auto hold feature
- Measuring range: 0-100 HSA
- Deviation: <1% H
- Resolution : 0.5 H
- Accurate and repetitive deviation = 20~90HSA
- HSA <+/-1 grade
- Custom carrying case



Order No.	Price
MV7069882	Price

Fowler Portable Roughness Tester

- Small compact size
- 2 Selectable parameters: Ra andRz
- Large LCD display
- Meets ISO and DIN standards
- NIST traceable specimen included
- Uses 9 volt battery (approx. 3000 measurements)
- Includes fitted case



Description	Order No.	Price
X-Pro Portable Roughness Tester, .0002" Probe	**NA5554410600**	Price
X-Pro Portable Roughness Tester, .0004" Probe	**NA5554410500**	Price

Mahr Pocket Surf® IV Portable Surface Roughness Gages



- Traverse speed: 5.08mm / .2” per second
- Probe type: Piezoelectric
- Maximum stylus force: 150.0 mN / 1500 mgf
- Power: consumer type alkaline battery, 9 volt
- Operating temperature: 10° to 45° C / 50° to 113° F
- Storage temperature: -20° to 65° C / -4° to 149° F
- Kit is furnished complete with fitted case, and included a Pocket Surf unit with a general purpose probe and a 3.2µm/125µinch (nominal) reference speciman, 9 volt battery, and riser plate

Description	Order No.	Price
10 µm Radius	**NA652191800**	Price
5 µm Radius	**NA652191802**	Price

Mitutoyo Portable Surftest SJ-210P



This Surftest is designed to be hand carried for portable use anywhere. Power is supplied by either AC or the unit’s own rechargeable batteries. Data is presented in micro-inches on a large LCD screen. An upper control limit may be set for GO/NO-GO inspection. For hard copy printout the Surftest may be connected to Mitutoyo’s Surftest printer. SPC processing is also possible by connection to any of the Mitutoyo data processors.

Easy to use: 2.4-inch color graphic LCD with backlight
The color LCD provides excellent readability and an intuitive display that’s easy to negotiate. The LCD also includes a backlight for improved visibility in dark environments.

Simple key layout
The surfest SJ-210 can be operated easily using the keys on the front of the unit and under the sliding cover.

Highly functional:
Advanced data storage capabilities
Up to 10 measurement conditions and one measured profile can be stored in the internal memory.

Optional memory card
An optional memory card can be used as an extended memory to store large quantities of measured profiles and conditions.

Password protection
Access to each feature can be password-protected, which prevents unintended operations and allows you to protect your settings.

Multilingual support
The display interface supports 16 languages, which can be freely switched.

Stylus alarm (patent pending in Japan)
An alarm warns you when the cumulative measurement distance exceeds a preset limit.

Features:
Compact and easy-to-use surface roughness testers for high-accuracy measurement on the shop floor.



- Auto-calibration for simple gain adjustment
- The detector/drive unit can be detached from the display unit to tacillate measurement
- Largest measuring range in its class 300um (1200uin)
- Digimatic and RS-232 data output is avalable for SPC operation
- 2-Way power system (AC adapter and recharageable built-in battery)
- Portable for easy measurement anywhere
- 39 Analysis parameters are provided
- Compatible with JIS 82, JIS 94, JIS 01, ISO, ANSI, and VDA standards
- Larage color LCD can be dislayed horizontally or vertically
- 10 Sets of measurement conditions and 1 set of measurement results can be stored in display unit.

Parameters:
- Ra, Rq, Rz, Ry, Rp, Rv, R1, R3z, Rsk, Rku, Rc, RPc, RSm, Rmax, Rz1maxS, HSC, RzJIS, Rppl, Rir, Rmr, Rmr(c), Rx, Rpk, Mr1, Mr2, A1, A2, Vo, Rpm, tp, Htp, R, Rx

Order No.	Price
MT80178-561-02A	Price

Conventional Machining Microfinish Comparator

MADE IN THE USA

- Twenty-two surface finish specimens from six different machining processes: lapped, ground, blanchard ground, shape-turned, milled and profiled — ranging from 2 to 500 microinches



Order No.	Price
NB61S22	Price

Conventional Machining Microfinish Comparator

MADE IN THE USA

- Twelve surface finish specimens from five different machining processes: lapped, ground profiled, shape-turned and milled — ranging from 4 to 125 microinches



Order No.	Price
NB61G60	Price

Conventional Machining Microfinish Comparator

MADE IN THE USA

- Twelve surface finish specimens from four different machining processes: shape-turned, ground, profiled, milled — ranging from 250 to 2,000 microinches



Order No.	Price
NB61G61	Price

Cylindrical Ground Microfinish Comparator

MADE IN THE USA

- Ten surface finish specimens, 5-ID and 5-OD with a range of 4 to 63 microinches



Order No.	Price
NB61G62	Price

Cylindrical Turned Microfinish Comparator

MADE IN THE USA

- Ten surface finish specimens, 5-ID and 5-OD with a range of 16 to 250 microinches



Order No.	Price
NB61G63	Price

Cast Microfinish Comparator

- Nine surface finish specimens ranging from 20 to 900 microinches

MADE IN THE USA



Order No.	Price
NB61C9	Price

Grit Blast Microfinish Comparator

MADE IN THE USA

- Six surface finish specimens ranging from 32 to 1000 microinches



Order No.	Price
NB61G6	Price

Shot Blast Microfinish Comparator

- Six surface finish specimens ranging from 32 to 1000 microinches

MADE IN THE USA



Order No.	Price
NB61SH6	Price

EDM Microfinish Comparator

MADE IN THE USA

- Nine surface finish specimens ranging from 16 to 250 microinches



Order No.	Price
NB61E9	Price

Master Visual Tactual Set

MADE IN THE USA

- Eight individual blocks with fifteen replicated machined surface finish specimens ranging from 2 to 125 microinches



Order No.	Price
NB61M15	Price

Pak Kit

MADE IN THE USA

- Contains order no. S-22, G-6, SH-6 and E-9 surface finish comparators



Order No.	Price
NB61G4	Price

Precision Reference Standard

MADE IN THE USA

For Surface Analyzing Equipment

- An economical calibration standard for surface analyzing equipment
- Ra values 119.5 and 16.1; includes certification traceable to NIST



Order No.	Price
NB61PRS2	Price

Economy Surface Roughness Comparator

Features:

- 16 to 500 micro finish
- 18 Exact reproductions of milled, turned, shaped ground surfaces and flame cutting
- Black unbreakable plastic
- 3-1/2 × 5″ pocket size
- Scratch resistant and has a hang-up hole
- Complete with plastic case



Order No.	Price
NB6216007	Price

Surface Roughness Comparator

WORLD CLASS QUALITY

- Helps avoid costly under or over-finishing
- Pocket-size gage has 22 precision surfaces from 2 to 500 micro-inches
- Lapped, ground, blanched, turned, milled and profiled surfaces
- Complete with leather case

Order No.	Price
NB62RG1	Price

Master Surface Roughness Comparator

30 specimens from 2 to 500 micro finish with graph which correlates CLA, AA and RA values plus ISO “N” scale

- (3) spec. flat lapping
- (3) spec. reaming
- (6) spec. grinding
- (6) spec. horizontal milling
- (6) spec. vertical milling
- (6) spec. turning
- Wallet Style Case.

This scale conforms to SAE and Military Specifications for visual and tactile inspections



Order No.	Price
NB6216008	Price

Reversible Gage Handles

MADE IN THE USA

Double End

All reversible pin gage handles are made to the American Gage design standards. These handles are made from aluminum, with collets anodized red for the "No Go" gaging member, green for the "Go" gaging member, and with a polished hexagon center, bushings NOT included.



- Bushings not included
- Handles – Go/No Go Gages

Double-end handle with collet shown
Gage pins not included.

Size to Range	Order No.	Price
.0040 to .0750	**JR511WDE**	Price
.075 to .1800	**JR512WDE**	Price
.1801 to .2810	**JR513WDE**	Price
.2811 to .4060	**JR514WDE**	Price
.4061 to .5100	**JR515WDE**	Price
.5101 to .6350	**JR516WDE**	Price
.6351 to .7600	**JR517WDE**	Price
.7601 to 1.010	**JR518WDE**	Price

Reversible Gage Handles

Single End

MADE IN THE USA

	Green		Red	
Size Range	Order No.	Price	Order No.	Price
.0040 to .0750	**JR511WSG**	Price	**JR511WSR**	Price
.0751 to .1800	**JR512WSG**	Price	**JR512WSR**	Price
.1801 to .2810	**JR513WSG**	Price	**JR513WSR**	Price
.2811 to .4060	**JR514WSG**	Price	**JR514WSR**	Price
.4061 to .5100	**JR515WSG**	Price	**JR515WSR**	Price
.5101 to .6350	**JR516WSG**	Price	**JR516WSR**	Price
.6351 to .7600	**JR517WSG**	Price	**JR517WSR**	Price
.7601 to 1.010	**JR518WSG**	Price	**JR518WSR**	Price

Bushings for Reversible Handles

Reversible, Wire Type, Plain Pin Gage

- Split design allows 1 bushing to hold pins within a .005″ range
- Material: 1W and 2W are brass, 3W thru 8W are aluminium



Size Range (Above to Thru)	Order No.	Price
.0111 to .0130	**JR511W013**	Price
.0131 to .0150	**JR511W016**	Price
.0151 to .0200	**JR511W020**	Price
.0201 to .0250	**JR511W025**	Price
.0251 to .0300	**JR511W030**	Price
.0301 to .0350	**JR511W035**	Price
.0351 to .0400	**JR511W040**	Price
.0401 to .0450	**JR511W045**	Price
.0451 to .0500	**JR511W050**	Price
.0501 to .0550	**JR511W055**	Price

Size Range (Above to Thru)	Order No.	Price
.0551 to .0600	**JR511W060**	Price
.0601 to .0650	**JR511W065**	Price
.0651 to .0700	**JR511W070**	Price
.0701 to .0750	**JR511W075**	Price
.0751 to .0820	**JR512W082**	Price
.0821 to .0890	**JR512W089**	Price
.0891 to .0960	**JR512W096**	Price
.0961 to .1030	**JR512W103**	Price
.1031 to .1100	**JR512W110**	Price
.1101 to .1170	**JR512W117**	Price
.1171 to .1240	**JR512W124**	Price
.1241 to .1310	**JR512W131**	Price
.1311 to .1380	**JR512W138**	Price
.1381 to .1450	**JR512W145**	Price
.1451 to .1520	**JR512W152**	Price
.1521 to .1590	**JR512W159**	Price
.1591 to .1660	**JR512W166**	Price
.1661 to .1730	**JR512W173**	Price
.1731 to .1800	**JR512W180**	Price
.1801 to .1880	**JR513W188**	Price
.1881 to .1960	**JR513W196**	Price
.1961 to .2040	**JR513W204**	Price
.2041 to .2120	**JR513W212**	Price
.2121 to .2200	**JR513W220**	Price
.2201 to .2280	**JR513W228**	Price

Size Range (Above to Thru)	Order No.	Price
.2281 to .2360	**JR513W236**	Price
.2361 to .2440	**JR513W244**	Price
.2441 to .2520	**JR513W252**	Price
.2521 to .2610	**JR513W261**	Price
.2611 to .2710	**JR513W271**	Price
.2711 to .2810	**JR513W281**	Price
.2811 to .2910	**JR514W291**	Price
.2911 to .3010	**JR514W301**	Price
.3011 to .3110	**JR514W311**	Price
.3111 to .3210	**JR514W321**	Price
.3211 to .3310	**JR514W331**	Price
.3311 to .3410	**JR514W341**	Price
.3411 to .3510	**JR514W351**	Price
.3511 to .3610	**JR514W361**	Price
.3611 to .3710	**JR514W371**	Price
.3711 to .3820	**JR514W382**	Price
.3821 to .3940	**JR514W394**	Price
.3941 to .4060	**JR514W406**	Price
.4061 to .4200	**JR515W420**	Price
.4201 to .4350	**JR515W435**	Price
.4351 to .4500	**JR515W450**	Price
.4501 to .4650	**JR515W465**	Price
.4651 to .4800	**JR515W480**	Price
.4801 to .4950	**JR515W495**	Price
.4951 to .5100	**JR515W510**	Price

Size Range (Above to Thru)	Order No.	Price
.5101 to .5320	**JR516W532**	Price
.5321 to .5470	**JR516W547**	Price
.5471 to .5630	**JR516W563**	Price
.5631 to .5790	**JR516W579**	Price
.5791 to .5940	**JR516W594**	Price
.5941 to .6100	**JR516W610**	Price
.6101 to .6250	**JR516W625**	Price
.6251 to .6350	**JR516W635**	Price
.6351 to .6560	**JR517W656**	Price
.6561 to .6720	**JR517W672**	Price
.6721 to .6880	**JR517W688**	Price
.6881 to .7040	**JR517W704**	Price
.7041 to .7190	**JR517W719**	Price
.7191 to .7350	**JR517W735**	Price
.7351 to .7500	**JR517W750**	Price
.7501 to .7600	**JR517W760**	Price
.7601 to .7810	**JR518W781**	Price
.7811 to .8120	**JR518W812**	Price
.8121 to .8430	**JR518W843**	Price
.8431 to .8750	**JR518W875**	Price
.8751 to .9060	**JR518W906**	Price
.9061 to .9370	**JR518W937**	Price
.9371 to .9680	**JR518W968**	Price
.9681 to 1.000	**JR518W1000**	Price

PROCHECK Universal Gage Pin Handles

- Unique spring chuck design eliminates multi-collet system
- One handle can cover the range of a single standard gage pin set



Range (in.)	Order No.	Price
.011 to .060	**JR608000**	Price
.061 to .250	**JR608001**	Price
.251 to .500	**JR608002**	Price
.501 to .625	**JR608003**	Price
.626 to .750	**JR608004**	Price

Range (in.)	Order No.	Price
.751 to .832	**JR608005**	Price
.833 to .916	**JR608006**	Price
.917 to 1.000	**JR608007**	Price

PROCHECK 3 Pc. Universal Gage Pin Handle Set

.011" to .500" Range

Covers the most popular sizes.



Order No.	Price
JR608012	Price

PROCHECK Gage Handle

- Suitable for handling all plug gages from 1/32 through 1/2" (0.79-12.7mm)
- Go and no-go clearly marked
- Made from aluminum



Order No.	Price
NE60GPH13212	Price

Gage Pin Handle

MADE IN THE USA

- Cover the most used pins with one handle and no bushings
- Handles all plug gage sizes from 1/32″ thru 1/2″ diameter
- Go and No Go clearly marked



Order No.	Price
NB75Z2800	Price

PROCHECK Class ZZ Gage Pin Sets

Certified and Non-Certified (+/-.0002" Tol.)

- Check locations
- Check gage slots
- Check hole size and depth between holes
- Ground edges
- Centerless lapped with A10 micro finish or better
- Heat treated to 60/63 RC
- Uniform 2" length
- Furnished with case



			Gage Pin Set		Gage Pin Set (Certified)	
Size Range	Tolerance Type	No. of Pieces	Order No.	Price	Order No.	Price
.011 to .060	Minus (No Go)	50	**JR60H0M**	Price	**JR60H0CM**	Price
.011 to .060	Plus (Go)	50	**JR60H0P**	Price	**JR60H0CP**	Price
.061 to .250	Minus (No Go)	190	**JR60H1M**	Price	**JR60H1CM**	Price
.061 to .250	Plus (Go)	190	**JR60H1P**	Price	**JR60H1CP**	Price
.251 to .500	Minus (No Go)	250	**JR60H2M**	Price	**JR60H2CM**	Price
.251 to .500	Plus (Go)	250	**JR60H2P**	Price	**JR60H2CP**	Price
.501 to .625	Minus (No Go)	125	**JR60H3M**	Price	**JR60H3CM**	Price
.501 to .625	Plus (Go)	125	**JR60H3P**	Price	**JR60H3CP**	Price
.626 to .750	Minus (No Go)	125	**JR60H4M**	Price	**JR60H4CM**	Price
.626 to .750	Plus (Go)	125	**JR60H4P**	Price	**JR60H4CP**	Price
.751 to .832	Minus (No Go)	82	**JR60H5M**	Price	**JR60H5CM**	Price
.751 to .832	Plus (Go)	82	**JR60H5P**	Price	**JR60H5CP**	Price
.833 to .916	Minus (No Go)	84	**JR60H6M**	Price	**JR60H6CM**	Price
.833 to .916	Plus (Go)	84	**JR60H6P**	Price	**JR60H6CP**	Price
.917 to 1.000	Minus (No Go)	84	**JR60H7M**	Price	**JR60H7CM**	Price
.917 to 1.000	Plus (Go)	84	**JR60H7P**	Price	**JR60H7CP**	Price

PROCHECK Class ZZ Gage Pin Sets

Large Range, Non-Certified (+/-.0002" Tol.)



Fit - Minus (No Go)		
Size Range	Order No.	Price
.061 to .500	**JR60H12M**	Price

Fit - Plus (Go)		
Size Range	Order No.	Price
.061 to .500	**JR60H12P**	Price

Black Guard Class ZZ Gage Pin Sets (+/-.0002" Tol.)

Typically penetrating .00004" to .00006", black oxide gives you a visual wear indication to wear patterns allowing inspector to calibrate or replace gage pins more effectively.

- Class ZZ tolerance (+/-.0002")
- Prevents rust and corrosion
- Visible wear indication
- Longer gage life
- Certificate of accuracy included

MADE IN THE USA







Starrett Gage Pin Sets

- Color coded, fully adjustable, go/no-go gage handle furnished with each set
- Sets are supplied in rugged, high impact protective cases with each space marked for the appropriate gage
- Full inspection report with every set, on each individual gage pin
- .001" Increment sets
- Each pin is centerless lapped to a 10 RA micro-inch finish and is clearly etched with the stated size
- All gages are 2 inches long, centerless lapped, and hardened to RC 60/62
- All sharp corners are broken
- Manufactured to .0002" tolerance



			Minus (No Go)		Plus (Go)	
Size Range	No. of Pieces	Weight	Order No.	Price	Order No.	Price
.011 to .060	50	3 lbs	**MV7067481**	Price	**MV7067480**	Price
.061 to .250	190	8 lbs	**MV7067483**	Price	**MV7067482**	Price
.251 to .500	250	22 lbs	**MV7067485**	Price	**MV7067484**	Price

			Minus (No Go)		Plus (Go)	
Size Range	No. of Pieces	Weight	Order No.	Price	Order No.	Price
.011 to .060	50	2 lbs	**JR50AGM**	Price	**JR50AGP**	Price
.061 to .250	190	6 lbs	**JR50BGM**	Price	**JR50BGP**	Price
.251 to .500	250	20 lbs	**JR50CGM**	Price	**JR50CGP**	Price
.501 to .625	125	21 lbs	**JR50DGM**	Price	**JR50DGP**	Price
.626 to .750	125	31 lbs	**JR50EGM**	Price	**JR50EGP**	Price
.751 to .832	82	27 lbs	**JR50FGM**	Price	**JR50FGP**	Price
.833 to .916	84	33 lbs	**JR50GGM**	Price	**JR50GGP**	Price
.917 to 1.000	84	38 lbs	**JR50HGM**	Price	**JR50HGP**	Price

Vermont Gage Class ZZ Gage Pin Sets (+/-.0002" Tol.)



MADE IN THE USA

			Minus (No Go)		Plus (Go)	
Size Range	No. of Pieces	Weight	Order No.	Price	Order No.	Price
.011 to .060	50	2 lbs	**JR50AM**	Price	**JR50AP**	Price
.0115 to .0605	50	2 lbs	**JR50AAM**	Price	**JR50AAP**	Price
.061 to .250	190	6 lbs	**JR50BM**	Price	**JR50BP**	Price
.0615 to .2505	190	6 lbs	**JR50BBM**	Price	**JR50BBP**	Price
.251 to .500	250	20 lbs	**JR50CM**	Price	**JR50CP**	Price
.2515 to .5005	250	20 lbs	**JR50CCM**	Price	**JR50CCP**	Price
.501 to .625	125	21 lbs	**JR50DM**	Price	**JR50DP**	Price
.626 to .750	125	31 lbs	**JR50EM**	Price	**JR50EP**	Price
.751 to .832	82	27 lbs	**JR50FM**	Price	**JR50FP**	Price
.833 to .916	84	33 lbs	**JR50GM**	Price	**JR50GP**	Price
.917 to 1.000	84	38 lbs	**JR50HM**	Price	**JR50HP**	Price

Metric Class ZZ Gage Pin Sets

Size Range	Tolerance Type	No. of Pieces	Weight	Order No.	Price
.20 to 1.28mm	Minus (No Go)	50	.45 kg	**JR50AMM**	Price
.20 to 1.28mm	Plus (Go)	50	.45 kg	**JR50AMP**	Price
1.30 to 4.98mm	Minus (No Go)	190	3.62 kg	**JR50BMM**	Price
1.30 to 4.98mm	Plus (Go)	190	3.62 kg	**JR50BMP**	Price
5.00 to 9.98mm	Minus (No Go)	250	10 kg	**JR50CMM**	Price
5.00 to 9.98mm	Plus (Go)	250	10 kg	**JR50CMP**	Price
10.00 to 13.98mm	Minus (No Go)	200	9.0 kg	**JR50DMM**	Price
10.00 to 13.98mm	Plus (Go)	200	9.0 kg	**JR50DMP**	Price

Vermont Gage

MADE IN THE USA

Gage Pin Custom Drawer System - Class ZZ (+/-.0002" Tol.)



Drawer units can be made up from any standard gage sets.
Also available from Vermont Gage:

- Class X, Y, Z gage pins
- Extra long gage pin
- Chrome plated and carbide gage pins
- Steel and carbide ring gages
- Tri-lock and taper lock gages

Type - Gage Pin 4-Drawer Unit (.0005" Increments)					
	No. of Pieces	Minus (No Go)		Plus (Go)	
Size Range	Drawer Holds	Order No.	Price	Order No.	Price
.061 to .5005	880	**JR50CD5M**	Price	**JR50CD5P**	Price

Type - Gage Pin 4-Drawer Unit (.001" Increments)					
	No. of Pieces	Minus (No Go)		Plus (Go)	
Size Range	Drawer Holds	Order No.	Price	Order No.	Price
.061 to .750	690	**JR50CD1M**	Price	**JR50CD1P**	Price
.251 to .832	582	**JR50CD2M**	Price	**JR50CD2P**	Price
.501 to .916	416	**JR50CD3M**	Price	**JR50CD3P**	Price
.626 to 1.000	375	**JR50CD4M**	Price	**JR50CD4P**	Price

Type - Gage Pin 8-Drawer Unit (.001" Increments)					
	No. of Pieces	Minus (No Go)		Plus (Go)	
Size Range	Drawer Holds	Order No.	Price	Order No.	Price
.061 to 1.000	940	**JR50CD6M**	Price	**JR50CD6P**	Price

Above consists of 2 (two) 4-drawer units (stacked). 1 drawer is empty and can be used to store handles, bushings, mikes.

Individual Gage Pins Available:

Class ZZ Steel, Series JR50 –Class ZZ Steel Black Guard, Series JR52 –Class X Steel, Series JR53

Class ZZ Steel (JR50) and Black Guard (JR52) Gage Pins	
Size Range	Price
.011 - .060	Price
.0115 - .0605	Price
.061 - .500	Price
.0615 - .5005	Price
.501 - .625	Price
.626 - .750	Price
.751 - .832	Price
.833 - .916	Price

Class X (JR53) Gage Pins	
Size Range	Price
.0040 - .0250	Price
.0251 - .0750	Price
.0751 - .2810	Price
.2811 - .4060	Price
.4061 - .5100	Price
.5101 - .6350	Price
.6351 - .7600	Price
.7601 - 1.000	Price

Class "ZZ" (+/-.0002" Tol.) and "X" (.00004" up to .8250 and .00006" from .8251 to 1"

To order Individual Gage Pins Specify Series, Size and Tolerance (Plus, Minus for Class ZZ and Go, No-Go for Class X) when ordering:

Ordering Example Sizes:
Class ZZ Steel Pin Gage .125" Plus Tolerance: JR50125P or JR501255P if ordering in .0005 increments.
Class ZZ Black Guard Pin Gage .125" Plus Tolerance: JR52125P or JR521255P if ordering in .0005 increments.
Class X Steel .125" Go Tolerance: JR53125GO or JR531251GO if ordering in .0001 increments.

Metric Gage Pins also Available in Class ZZ Steel (JR50) and Steel Black Guard (JR52). Specify Series (JR50 or JR52) Size (Example 3.17mm) and Tolerance (Plus or Minus). Order as: JR50317MMP - Call for Price

Fowler 240 Pc. X-Tended Range Pin Gage Sets

Ideal for checking hole size, location, gage slots, distance between holes, go/no-go gaging and setting other gages and micrometers.

- Class ZZ
- Black oxide finish offers extra protection against corrosion and rust, promoting longer life, also highlights wear trends that enables calibration to be performed more effectively
- Range: .011" - .250" in .001" increments
- Set includes: 2 handles in case and our X-Glide all purpose teflon lubricant
- Certificate of accuracy traceable to NIST and registered ISO 9001



Fit	Tolerance	Order No.	Price
Minus	+.0000"/-.0002"	**NA5553880833**	Price
Plus	+.0002"/-.0000"	**NA5553880823**	Price

LANO-LUBE by Flexbar

Multi-Purpose Pure Lanolin AAA

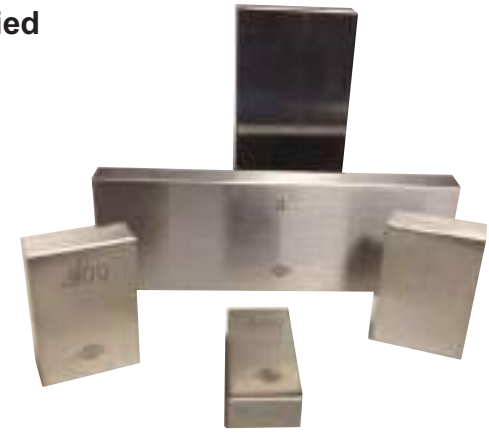


- 2 oz. Size
- Good for inspection
- Gaging
- Drilling centers
- Tapping
- Turning
- Moisture free
- Stops rust
- No odor
- Anti-seize properties
- Hazard Code: 58

Order No.	Price
JR5111152	Price

PROCHECK Rectangular Steel Gage Blocks - Grade 0, Certified

- Meets or exceeds the latest Federal Spec ASME B89.1.9-2002
- All blocks are supplied with certificate of calibration traceable to NIST
- All blocks are also supplied with long form ISO certificate showing deviation of each block, signed by an inspector from a US 17025 Lab
- Metric sizes available- call for quote



Size	Grade	Material	Order No.	Price
.03125	0	Steel	**NB600I03125RS0C**	Price
.050	0	Steel	**NB600I05000RS0C**	Price
.060	0	Steel	**NB600I06000RS0C**	Price
.0625	0	Steel	**NB600I06250RS0C**	Price
.070	0	Steel	**NB600I07000RS0C**	Price
.080	0	Steel	**NB600I08000RS0C**	Price
.090	0	Steel	**NB600I09000RS0C**	Price
.09375	0	Steel	**NB600I09375RS0C**	Price
.1000	0	Steel	**NB600I10000RS0C**	Price
.1001	0	Steel	**NB600I10010RS0C**	Price
.1002	0	Steel	**NB600I10020RS0C**	Price
.1003	0	Steel	**NB600I10030RS0C**	Price
.1004	0	Steel	**NB600I10040RS0C**	Price
.1005	0	Steel	**NB600I10050RS0C**	Price
.1006	0	Steel	**NB600I10060RS0C**	Price
.1007	0	Steel	**NB600I10070RS0C**	Price
.1008	0	Steel	**NB600I10080RS0C**	Price
.1009	0	Steel	**NB600I10090RS0C**	Price
.101	0	Steel	**NB600I10100RS0C**	Price
.102	0	Steel	**NB600I10200RS0C**	Price
.103	0	Steel	**NB600I10300RS0C**	Price
.104	0	Steel	**NB600I10400RS0C**	Price
.105	0	Steel	**NB600I10500RS0C**	Price
.106	0	Steel	**NB600I10600RS0C**	Price
.107	0	Steel	**NB600I10700RS0C**	Price
.108	0	Steel	**NB600I10800RS0C**	Price
.109	0	Steel	**NB600I10900RS0C**	Price
.110	0	Steel	**NB600I11000RS0C**	Price
.111	0	Steel	**NB600I11100RS0C**	Price
.112	0	Steel	**NB600I11200RS0C**	Price
.113	0	Steel	**NB600I11300RS0C**	Price
.114	0	Steel	**NB600I11400RS0C**	Price
.115	0	Steel	**NB600I11500RS0C**	Price
.116	0	Steel	**NB600I11600RS0C**	Price
.117	0	Steel	**NB600I11700RS0C**	Price
.118	0	Steel	**NB600I11800RS0C**	Price
.119	0	Steel	**NB600I11900RS0C**	Price
.120	0	Steel	**NB600I12000RS0C**	Price
.121	0	Steel	**NB600I12100RS0C**	Price
.122	0	Steel	**NB600I12200RS0C**	Price
.123	0	Steel	**NB600I12300RS0C**	Price
.124	0	Steel	**NB600I12400RS0C**	Price
.125	0	Steel	**NB600I12500RS0C**	Price
.126	0	Steel	**NB600I12600RS0C**	Price
.127	0	Steel	**NB600I12700RS0C**	Price
.128	0	Steel	**NB600I12800RS0C**	Price
.129	0	Steel	**NB600I12900RS0C**	Price
.130	0	Steel	**NB600I13000RS0C**	Price
.131	0	Steel	**NB600I13100RS0C**	Price
.132	0	Steel	**NB600I13200RS0C**	Price
.133	0	Steel	**NB600I13300RS0C**	Price
.134	0	Steel	**NB600I13400RS0C**	Price

Size	Grade	Material	Order No.	Price
.135	0	Steel	**NB600I13500RS0C**	Price
.136	0	Steel	**NB600I13600RS0C**	Price
.137	0	Steel	**NB600I13700RS0C**	Price
.138	0	Steel	**NB600I13800RS0C**	Price
.139	0	Steel	**NB600I13900RS0C**	Price
.140	0	Steel	**NB600I14000RS0C**	Price
.141	0	Steel	**NB600I14100RS0C**	Price
.142	0	Steel	**NB600I14200RS0C**	Price
.143	0	Steel	**NB600I14300RS0C**	Price
.144	0	Steel	**NB600I14400RS0C**	Price
.145	0	Steel	**NB600I14500RS0C**	Price
.146	0	Steel	**NB600I14600RS0C**	Price
.147	0	Steel	**NB600I14700RS0C**	Price
.148	0	Steel	**NB600I14800RS0C**	Price
.149	0	Steel	**NB600I14900RS0C**	Price
.150	0	Steel	**NB600I15000RS0C**	Price
.160	0	Steel	**NB600I16000RS0C**	Price
.170	0	Steel	**NB600I17000RS0C**	Price
.180	0	Steel	**NB600I18000RS0C**	Price
.190	0	Steel	**NB600I19000RS0C**	Price
.200	0	Steel	**NB600I20000RS0C**	Price
.210	0	Steel	**NB600I21000RS0C**	Price
.250	0	Steel	**NB600I25000RS0C**	Price
.300	0	Steel	**NB600I30000RS0C**	Price
.315	0	Steel	**NB600I31500RS0C**	Price
.350	0	Steel	**NB600I35000RS0C**	Price
.400	0	Steel	**NB600I40000RS0C**	Price
.450	0	Steel	**NB600I45000RS0C**	Price
.500	0	Steel	**NB600I50000RS0C**	Price
.550	0	Steel	**NB600I55000RS0C**	Price
.600	0	Steel	**NB600I60000RS0C**	Price
.650	0	Steel	**NB600I65000RS0C**	Price
.700	0	Steel	**NB600I70000RS0C**	Price
.750	0	Steel	**NB600I75000RS0C**	Price
.800	0	Steel	**NB600I80000RS0C**	Price
.850	0	Steel	**NB600I85000RS0C**	Price
.900	0	Steel	**NB600I90000RS0C**	Price
.950	0	Steel	**NB600I95000RS0C**	Price
1.00	0	Steel	**NB601I00000RS0C**	Price
2.00	0	Steel	**NB602I00000RS0C**	Price
3.00	0	Steel	**NB603I00000RS0C**	Price
4.00	0	Steel	**NB604I00000RS0C**	Price
5.00	0	Steel	**NB605I00000RS0C**	Price
6.00	0	Steel	**NB606I00000RS0C**	Price
7.00	0	Steel	**NB607I00000RS0C**	Price
8.00	0	Steel	**NB608I00000RS0C**	Price
9.00	0	Steel	**NB609I00000RS0C**	Price
10.00	0	Steel	**NB6010I0000RS0C**	Price
12.0	0	Steel	**NB6012I0000RS0C**	Price
16.0	0	Steel	**NB6016I0000RS0C**	Price
20.00	0	Steel	**NB6020I0000RS0C**	Price

PROCHECK Certified Rectangular Block Sets

All gage block sets are assigned serial numbers and certificate of grades and tolerances

- **Premium certified sets** come with Long form certifications from an ISO 17025 certified U.S. Laboratory and will meet all of your ISO requirements
- **Economy set** comes with non-traceable certificate only

36 Pc. Sets Include:



- 2 Blocks – .1000″ and .1005″
- 9 Blocks – .1001″ thru .1009” step of .0001″
- 9 Blocks – .101″ thru .109″ step of .001″
- 9 Blocks – .110″ thru .190″ step of .01″
- 3 Blocks – .200″ thru .300″ and .500″
- 3 Blocks – 1.000″, 2.000″ and 4.000″
- 1 Block – .10005″
- 1 Fitted wooden case

81 Pc. Sets Include:

- 9 Blocks – .1001″ thru .1009″ step of .0001″
- 49 Blocks – .101″ thru .149″ step of .001″
- 19 Blocks – .150″ thru .950″ step of .050″
- 4 Blocks – 1.000″ thru 4.000″ step of 1.000″
- 1 Fitted wooden case

Type - Economy Rectangular Gage Block Set				
Material	No. of Pieces	Grade	Order No.	Price
Steel	36	0	**NB602672062**	Price
Steel	36	B	**NB602672060**	Price
Steel	81	0	**NB602672066**	Price
Steel	81	B	**NB602672065**	Price
Ceramic	81	0	**NB602672CER2**	Price

Type - Premier Certified Rectangular Gage Block Set				
Material	No. of Pieces	Grade	Order No.	Price
Steel	36	0	**NB602672062CT**	Price
Steel	36	B	**NB602672060CT**	Price
Steel	81	0	**NB602672066CT**	Price
Steel	81	B	**NB602672065CT**	Price

PROCHECK Square Gage Block Sets

All gage block sets are assigned serial numbers and certificate of grades and tolerances



- **Premium certified sets** come with Long form certifications from an ISO 17025 certified U.S. Laboratory and will meet all of your ISO requirements
- **Economy set** comes with non-traceable certificate only

81 Pc. sets include:

- 1 Block – .050″
- 10 Blocks – .100″ thru .1009″ by .0001″
- 49 Blocks – .101″ thru .149″ by .001″
- 17 Blocks – 150″ thru .950″ by .05″
- 4 Blocks – 1.000″ thru 4.000″ by 1.000″

Type - Economy Square Gage Block Set				
Material	No. of Pieces	Grade	Order No.	Price
Steel	81	B	**NB602672SQ**	Price

Type - Premier Certified Square Gage Block Set				
Material	No. of Pieces	Grade	Order No.	Price
Steel	81	2	**NB602672SQ2CT**	Price
Steel	81	B	**NB602672SQCT**	Price

PROCHECK Long Rectangular Block Set



- Premium certified sets come with long form certifications from an ISO 17025 certified U.S. Laboratory and will meet all of your ISO requirements
- 8 Piece set includes: 1 of each – 5″, 6″, 7″, 8″, 10″, 12″, 16″ and 20”

Order No.	Price
NB602672LONGCT	Price

Fowler SPACE-BLOX



- Tolerances to .00005″
- Certificate of inspection included
- Inspected according to meet NIST Federal Specification ASME B89. 1.9 - 2002 tolerances on length for inch gage blocks
- 36 blocks
- Ground hardened and tapped
- 4 Connection screws included
- Includes shop hardened fitted case

Order No.	Price
NA5553680050	Price

PROCHECK 36 Pc. Millionths Space Block Set

3/4″ Diameter with 1/4-28 ID thread, ground, hardened and lapped. 4 Connecting screws included to form any length desired.. Accuracy: ±.0002”.



Consists of the following sizes:

- 9 Blocks – .101″ thru .109″ by .001″
- 15 Blocks – .050″ thru .190″ by .010″
- 9 Blocks – .200″ thru 1.000″ by .100″
- 1 Block – .0625″
- 1 Block – .125″
- 1 Block – 1.000″

Order No.	Price
NF80PR1	Price

Fowler Bore Gage Setting Master Kits

Use Fowler’s Bore Gage Setting Master Kit for accurately setting any bore gage up to 6” in diameter to an accuracy of .0001”



Each Set Includes Setting Device

- Base anvil: 2.750” x .80”
- Adjustable anvil 2.375” x .375” (two each)
- Internal capacity: 6”
- Depth capacity: 1”
- Centralizer capacity width: 2.625”
- Quick release holder for fast adjustment



36 Pc. Economy Gage Block Set Included

- Tolerances to .00005”
- Certificate of Calibration to NIST
- High quality aluminum case!

Range	Order No.	Price
0 - 150mm	**NA5553646010**	Price
0 - 6"	**NA5553646000**	Price

Mitutoyo Precision Inch and Metric Rectangular Gage Block Sets



Type - Inch Rectangular Gage Block Set				
Blocks Per Set	Grade	Blocks Included in Sets	Order No.	Price
9	AS1	.625",.100",.125",.200",.250",.500",1.00", and 2.000"	**MT80516-935-26+**	242.00
81	0	9 Blocks, .1001-.1009", .0001" steps; 49 Blocks, .101-.149", .001" steps; 19 Blocks, .050-.950", .050" steps; 4 Blocks, 1.000-4.000", 1.000" steps	**MT80516-902-26**	Price
81	AS1	9 Blocks, .1001-.1009", .0001" steps; 49 Blocks, .101-.149", .001" steps; 19 Blocks, .050-.950", .050" steps; 4 Blocks, 1.000-4.000", 1.000" steps	**MT80516-903-26**	Price
81	AS2	9 Blocks, .1001-.1009", .0001" steps; 49 Blocks, .101-.149", .001" steps; 19 Blocks, .050-.950", .050" steps; 4 Blocks, 1.000-4.000", 1.000" steps	**MT80516-904-26**	Price

Type - Metric Rectangular Gage Block Set				
Blocks Per Set	Grade	Blocks Included in Sets	Order No.	Price
35	AS1	2 Blocks, .1000 & .10005"; 9 Blocks, .1001-.1009", .0001" steps; 9 Blocks, .101-.109", .001" steps; 9 Blocks, .110-.190", .01" steps; 3 Blocks, .200, .300 and .500"; 3 Blocks, 1.000, 2.000 and 4.000"	**MT80516-915-26**	Price
47	0	1 Block, 1.005mm; 9 Blocks, 1.01-1.09", .01mm steps; 9 Blocks, 1-1.9", .01mm steps; 24 Blocks, 1-24", 1mm steps; 4 Blocks, 25-100", 25mm steps	**MT80516-958-26**	Price
47	AS1	1 Block, 1.005mm; 9 Blocks, 1.01-1.09", .01mm steps; 9 Blocks, 1-1.9", .01mm steps; 24 Blocks, 1-24", 1mm steps; 4 Blocks, 25-100", 25mm steps	**MT80516-959-26**	Price
87	0	9 Blocks, 1.001-1.009mm; 49 Blocks, 1.01-1.49", .01mm steps; 19 Blocks, 0.5-9.5", .5mm steps; 10 Blocks, 10-100", 10mm steps	**MT80516-946-26**	Price
103	0	1 Block, 1.005mm; 49 Blocks, 1.01-1.49", .01mm steps; 49 Blocks, 0.5-24.5", .5mm steps; 4 Blocks, 25-100", .25mm steps	**MT80516-942-26**	Price
103	AS1	1 Block, 1.005mm; 49 Blocks, 1.01-1.49", .01mm steps; 49 Blocks, 0.5-24.5", .5mm steps; 4 Blocks, 25-100", .25mm steps	**MT80516-943-26**	Price
112	AS1	1 Block, 1.0005mm; 1 Block, 0.5mm; 9 Blocks, 1.001-1.009", .001mm steps; 49 Blocks, 1.01-1.49", .01mm steps; 48 Blocks, 1-24.5", 0.5mm steps; 4 Blocks, 25-100", 25mm steps	**MT80516-939-26**	Price
112	AS2	1 Block, 1.0005mm; 1 Block, 0.5mm; 9 Blocks, 1.001-1.009", .001mm steps; 49 Blocks, 1.01-1.49", .01mm steps; 48 Blocks, 1-24.5", 0.5mm steps; 4 Blocks, 25-100", 25mm steps	**MT80516-940-26**	Price

Type - Steel Thin Rectangular Gage Block Set				
Blocks Per Set	Grade	Blocks Included in Sets	Order No.	Price
10	AS2	10 Blocks, .005-.050", .005" steps	**MT80516-926-26**	Price

+ No Optical Flat

Fowler Micrometer Calibration Set

- 9 Pc. rectangular sets including two optical flats
- Assists in meeting both Federal specification GGG-C-105c and ISO 9000 requirements
- Contains one block of each of the following sizes: .0625, .100, .125, .200, .250, .300, .500, 1.000, & 2.000″
- Two optical flats that vary in size by .0125″ which allows checking anvil faces at half rotations of spindle for measuring flatness
- Supplied with fitted wooden case and certification to NIST on each block
- Meets specifications for grades shown in chart



Material	Grade	Order No.	Price
Steel	0	**NA5553670002**	Price

Mitutoyo Square Gage Block Sets

Call us for carbide gage block sets and other gage accessories



Type - Accessory Kit for Square Gage Block Set		
Blocks Per Set	Order No.	Price
27	**MT80516-612**	Price

Type - Square Gage Block Set				
Blocks Per Set	Grade	Blocks Included in Sets	Order No.	Price
36	0	1 Block .05", 10 Blocks .1001-.1009", 9 Blocks .101-.109", 5 Blocks .1-.5", 3 Blocks 1,2 and 3"	**MT80516-422-26**	Price
36	AS1	1 Block .05", 10 Blocks .1001-.1009", 9 Blocks .101-.109", 5 Blocks .1-.5", 3 Blocks 1,2 and 3"	**MT80516-423-26**	Price
81	0	9 Blocks, .1001-.1009, .0001 steps; 49 Blocks, .101-.149, .001" steps; 19 Blocks, .050-.950, .050" steps; 4 Blocks, 1.000-4.000, 1.000" steps	**MT80516-402-26**	Price
81	AS1	9 Blocks, .1001-.1009, .0001 steps; 49 Blocks, .101-.149, .001" steps; 19 Blocks, .050-.950, .050" steps; 4 Blocks, 1.000-4.000, 1.000" steps	**MT80516-403-26**	Price

Fowler Rectangular Gage Blocks

Each block is rectangular steel, hardened to 65 RC, stress relieved, tapped to accurate size, parallelism and flatness, then carefully inspected and marked for size

- All blocks are individually serialized and calibrated, with individual certification traceable to the National Institute of Standards and Technology.
- Grade 2 tolerance = +4, -2 millionths for sizes up to 1″
- Grade 3 tolerance = +8, -4 millionths for sizes up to 1″
- Economy / Shop Grade tolerance = ±50 mil

Block sizes included in 36 Pc. sets:
- 9 Blocks .1001″ thru .1009″ steps of .001″
- 9 Blocks .101″ thru .109″ steps of .001″
- 9 Blocks .110″ thru .190″ steps of .010″
- 5 Blocks .100″ thru .500″ steps of .100″
- 3 Blocks 1″, 2″ 4″1 Block .050″



Block sizes included in 81 Pc. sets:
- 9 Blocks .1001″ thru .1009″ steps of .0001″
- 49 Blocks .101″ thru .149″ steps of .001″
- 19 Blocks .050″ thru .950″ steps of .05″
- 4 Blocks 1.000″ thru 4.000″ steps of 1.000″

Description	Order No.	Price
36 Pc. Grade 2	**NA5553670038**	Price
36 Pc. Grade 3	**NA5553670036**	Price
36 Pc. Shop-Blox	**NA5553672036**	Price
81 Pc. Grade 0	**NA5553670080**	Price
81 Pc. Grade 3	**NA5553670081**	Price
81 Pc. Shop-Blox	**NA5553672081**	Price

Starrett Gage Block Sets

MADE IN THE USA

Rectangular Croblox Carbide Gage Block Set in Case





- The world's most complete gage block selection
- Rectangle, square & heavy duty styles from .010″ thru 20.000″
- All sets available with certificate of inspection & etched serial number
- Greatest range — .100″ to 12.000″ in .001″ steps
- Greater efficiency — allows two men to work from the set at the same time
- Greater accuracy on build-ups — allows using a minimum number of blocks

Type - Rectangular Croblox® Carbide Gage Block Set in Case				
Blocks Per Set	**Range**	**Blocks Included in Sets**	**Order No.**	**Price**
81	Grade 2+4 — 2 Microinches.100" to 12.000" in steps of .001".200" to 12.000" in steps of .0001"	9 blocks .1001 thru .1009 (steps of .0001); 49 blocks .101 thru .149 (steps of .001); 19 blocks .050 thru .950 (steps of .050); 4 blocks 1.000 thru 4.000 (steps of 1")	**MV75RC81A1**	Price

Type - Rectangular Steel Gage Block Set in Case				
Blocks Per Set	**Range**	**Blocks Included in Sets**	**Order No.**	**Price**
9	Grade 2+4 — 2 Microinches.0625" to 4.000" in steps of .0625".100" to 4.000" in steps of .100"	1 block ea. size: .0625, .100, .125, .300, .500; 2 blocks .200 & .250; 2 blocks 1.000 & 2.000	**MV75RS9A1**	Price

Type - Square Croblox® Gage Block Sets in Case				
Blocks Per Set	**Range**	**Blocks Included in Sets**	**Order No.**	**Price**
36	Grade 2+4 — 2 Microinches.200" to 8.000" in steps of .001".300" to 8.000" in steps of .0001"	1 block ea. size: .050, .400, .500, 1.000, 2.000 & 4.000; 9 blocks .1001 thru .1009 (steps of .0001); 9 blocks .101 thru .109 (steps of .001); 9 blocks .110 thru .190 (steps of .010); 3 blocks .100, .200, .300 (steps of .100)	**MV75SC36A1**	Price
81	Grade 2+4 — 2 Microinches.100" to 12.000" in steps of .001".200" to 12.000" in steps of .0001"	9 blocks .1001 thru .1009 (steps of .0001); 49 blocks .101 thru .149 (steps of .001); 19 blocks .050 thru .950 (steps of .050); 4 blocks 1.000 thru 4.000 (steps of 1")	**MV75SC81A1**	Price

Type - Square Steel Gage Block Sets in Case				
Blocks Per Set	**Range**	**Blocks Included in Sets**	**Order No.**	**Price**
36	Grade 2+4 — 2 Microinches.200" to 8.000" in steps of .001".300" to 8.000" in steps of .0001"	1 block ea. size: .050, .400, .500, 1.000; 9 blocks .1001 thru .1009 (steps of .0001); 9 blocks .101 thru .109 (steps of .001); 9 blocks .110 thru .190 (steps of .010); 3 blocks .100, .200, .300 (steps of .100); 2 blocks 2.000, 4.000	**MV75SS36A1**	Price
81	Grade 2+4 — 2 Microinches.100" to 12.000" in steps of .001".200" to 12.000" in steps of .0001"	9 blocks .1001 thru .1009 (steps of .0001); 49 blocks .101 thru .149 (steps of .001); 19 blocks .050 thru .950 (steps of .050); 4 blocks 1.000 thru 4.000 (steps of 1")	**MV75SS81A1**	Price

Starrett Gage Block Accessories for Rectangular Sets

Material - Clamps		
Description	**Order No.**	**Price**
1-1/2" Capacity Clamp	**MV75RA5**	Price
4" Capacity Clamp	**MV75RA6**	Price
6 1/2" Capacity Clamp	**MV75RA7**	Price
12" Capacity Clamp	**MV75RA8**	Price
Base Block - 1" Thickness	**MV75RA13**	Price
Case	**MV75CS9111**	Price
Center Point	**MV75RA12**	Price
Scriber Point	**MV75RA11**	Price

Material - Jaws (Sold Individually)		
Description	**Order No.**	**Price**
Half Round Jaw .250 Radius	**MV75RA1†**	155.00
Straight Gage Block Jaw - 2" Long; .250" Thick	**MV75RA4†**	99.00

†Item Needs Pair of Jaws

Starrett Standard Rectangular Gage Block Accessory Set



Includes:

- 1 of each 1-1/2", 4", 6-1/2", 12" capacity clamps
- .250 Radius half round jaw (2 required)
- 2" Long x .250" thick straight straight jaw (2 required)
- 1 each base block-1" thickness
- Center point
- Scriber

Order No.	Price
MV75AC11A	Price

Starrett Standard Square Gage Block Accessory Set



Includes:

- 1 of Each .125" radius and .250 radius half round jaw, .500" thick straight jaw (pair required)
- 2 of Each long flat head screws, short flat head screws, and slotted nuts
- 1 of Each 3/4", 1-1/2", 2-1/4". 3" solid tie rod
- 1 of Each 4-1/2" , 16" adjustable tie rod
- Case

Order No.	Price
MV75SA25A	Price

Starrett Gage Block Accessories for Square Sets

Material - Jaws (Sold Individually)		
Description	**Order No.**	**Price**
Half Round Jaw .125 Radius	**MV75SA1†**	170.00
Half Round Jaw .250 Radius	**MV75SA2†**	170.00

Material - Screws		
Description	**Order No.**	**Price**
2 Long Flat Head Screw	**MV75SA9**	Price
2 Short Flat Head Screw	**MV75SA10**	Price
2 Slotted Nuts	**MV75SA11**	Price

Material - Straight		
Description	**Order No.**	**Price**
.500 Thick	**MV75SA3†**	100.00
1 Center Point	**MV75SA5**	Price
1 Scriber Point	**MV75SA4**	Price
2 Knurled Screws	**MV75SA7**	Price
2 Studs	**MV75SA8**	Price
Base Block	**MV75SA6**	Price

Material - Tie Rods		
Description	**Order No.**	**Price**
1 1-1/2" Long Solid Tie Rod	**MV75SA13**	Price
1 2-1/4" Long Solid Tie Rod	**MV75SA14**	Price
1 3" Long Solid Tie Rod	**MV75SA15**	Price
1 3/4" Long Solid Tie Rod	**MV75SA12**	Price
1 4-1/2" Long Adjustable Tie Rod	**MV75SA16**	Price
16" Long Adjustable Tie Rod	**MV75SA17**	Price
Case	**MV75CS9168**	Price

†Item Needs Pair of Jaws

Note: 4-pc minimum order in special size gage blocks. Any Sets or Individual Gage Blocks, Purchased with Certifications and/or Etched S/N ARE NON-Cancelable or Returnable

Starrett® Crystal Pink Granite Surface Plates



Grade AA - Laboratory Grade
This is typically specified for precision operations in constant temperature gaging rooms and metrology departments.

Grade A - Inspection Grade
This is typically specified for general work in quality control.

Grade B - Toolroom Grade
This is typically specified for production checking work throughout the shop.

Unilateral Flatness Tolerance
Overall flatness tolerance is based on unilateral measurement. All points on the work surface shall be contained between two parallel planes separated at a distance no greater than the amount specified for each particular grade and size as shown in our listings.

Repeat Reading Tolerance
In addition to the overall flatness tolerance referred to above, Starrett provides repeat reading tolerances as specified in U.S. Federal Specification GGG-P-463C.

MADE IN THE USA

- Meets or exceeds U.S. Federal Specification GGG-P-463C for flatness
- Great surface hardness and wear resistance — the highest percentage of quartz crystals of any granite plate
- Smooth, jewel-like quartz bearing points protect accuracy and finish of both the surface and the tools used on it
- Quality and economy combined
- Comparable to black granite plates while outwearing them as much as 5 to 1
- Meets or exceeds 50 lbs per square foot (24kg per 1,000 sq. cm) load bearing specifications. Available in 100 lb (45 kg) test series

Grade - A - Inspection Ledge - No Ledge

Surface Size (in.)	Unilateral Flatness Tolerance	Thickness (in.)	Weight (lbs.)	Order No.	Price
12 x 12	.0001	4	55 lbs	**NS6080604**	Price
12 x 18	.0001	4	85 lbs	**NS6080613**	Price
18 x 18	.0001	4	125 lbs	**NS6080622**	Price
18 x 24	.00013	6	248 lbs	**NS6080631**	Price
24 x 24	.00014	6	330 lbs	**NS6080649**	Price
24 x 36	.00017	6	495 lbs	**NS6080658**	Price
36 x 36	.0002	6	745 lbs	**NS6080704**	Price
36 x 48	.0003	8	1320 lbs	**NS6080713**	Price
36 x 60	.0004	10	2065 lbs	**NS6080722**	Price
36 x 72	.0005	10	2475 lbs	**NS6080731**	Price
48 x 72	.0006	10	3300 lbs	**NS6080758**	Price
48 x 96	.0008	12	5280 lbs	**NS6080776**	Price

Grade - B - Toolroom Ledge - No Ledge

Surface Size (in.)	Unilateral Flatness Tolerance	Thickness (in.)	Weight (lbs.)	Order No.	Price
12 x 12	.0002	4	55 lbs	**NS6080607**	Price
12 x 18	.0002	4	85 lbs	**NS6080616**	Price
18 x 18	.0002	4	125 lbs	**NS6080625**	Price
18 x 24	.00026	4	165 lbs	**NS6080634**	Price
24 x 24	.00028	4	220 lbs	**NS6080652**	Price
24 x 36	.00034	6	495 lbs	**NS6080661**	Price
36 x 36	.0004	6	745 lbs	**NS6080707**	Price
36 x 48	.0005	6	990 lbs	**NS6080716**	Price
36 x 60	.0007	8	1650 lbs	**NS6080725**	Price
36 x 72	.001	8	1980 lbs	**NS6080734**	Price
48 x 72	.001	8	2640 lbs	**NS6080761**	Price
48 x 96	.0015	10	4400 lbs	**NS6080779**	Price

Grade - A - Inspection Ledge - Two Ledge

Surface Size (in.)	Unilateral Flatness Tolerance	Thickness (in.)	Weight (lbs.)	Order No.	Price
12 x 12	.0001	4	50 lbs	**NS6080605**	Price
12 x 18	.0001	4	78 lbs	**NS6080614**	Price
18 x 18	.0001	4	120 lbs	**NS6080623**	Price
18 x 24	.00013	6	224 lbs	**NS6080632**	Price
24 x 24	.00014	6	306 lbs	**NS6080650**	Price
24 x 36	.00017	6	460 lbs	**NS6080659**	Price
36 x 36	.0002	6	710 lbs	**NS6080705**	Price
36 x 48	.0003	8	1250 lbs	**NS6080714**	Price
36 x 60	.0004	10	1950 lbs	**NS6080723**	Price
36 x 72	.0005	10	2340 lbs	**NS6080732**	Price
48 x 72	.0006	10	3165 lbs	**NS6080759**	Price
48 x 96	.0008	12	5060 lbs	**NS6080777**	Price

Grade - B - Toolroom Ledge - Two Ledge

Surface Size (in.)	Unilateral Flatness Tolerance	Thickness (in.)	Weight (lbs.)	Order No.	Price
12 x 12	.0002	4	50 lbs	**NS6080608**	Price
12 x 18	.0002	4	76 lbs	**NS6080617**	Price
18 x 18	.0002	4	118 lbs	**NS6080626**	Price
18 x 24	.00026	4	155 lbs	**NS6080635**	Price
24 x 24	.00028	4	210 lbs	**NS6080653**	Price
24 x 36	.00034	6	460 lbs	**NS6080662**	Price
36 x 36	.0005	6	710 lbs	**NS6080708**	Price
36 x 48	.0005	6	955 lbs	**NS6080717**	Price
36 x 60	.0007	8	1560 lbs	**NS6080726**	Price
36 x 72	.001	8	1870 lbs	**NS6080735**	Price
48 x 72	.001	8	2530 lbs	**NS6080762**	Price
48 x 96	.0015	10	4215 lbs	**NS6080780**	Price

PRO-CHECK® Precision Toolroom Black Granite Surface Plates



- Granite surface plates meet or exceed Federal Specification GGG-P-463c
- Does not rust or corrode
- Does not nick or burr tools
- Harder than steel
- Retains accuracy for years
- Guaranteed repeat reading
- Autocollimator checked for overall accuracy
- Certificate of accuracy not included
- All plates are 0-ledge with grade B accuracy.

Width (in.)	Length (in.)	Thickness (in.)	Overall Accuracy	Weight (lbs.)	Order No.	Price
9	12	3	±.0001	38 lbs	**NS50C09120**	Price
12	12	3	±.0001	60 lbs	**NS50C12120**	Price
12	18	3	±.0001	75 lbs	**NS50C12180**	Price
18	24	3	±.00015	147 lbs	**NS50C18240**	Price
24	36	4	±.0002	418 lbs	**NS50C24360**	Price
36	48	6	±.0004	1258 lbs	**NS50C36480**	Price
36	72	6	±.0007	1850 lbs	**NS50C36720**	Price

Three Point Steel Surface Plates

- **Applications:** three point surface plates provide a precise reference surface for toolmaking, layout or checking the accuracy of other surfaces. The three point bearing pads and rigid ribbed construction permit support by less accurate surfaces without disturbing the surface accuracy. Wooden cover supplied with each plate.
- **Tolerances:** available precision ground flat within .0005” (0.0125mm) or hand scraped flat within .0002” (0.005mm)
- **Options:** wheeled and stationary stands are available to provide a working height of approximately 36” for plates 18” x 24” and larger
- **Optional steel handles available**



W (in.)	L (in.)	Weight	Hand Scraped Three Point Surface Plate Order No.	Price	Precision Ground Three Point Surface Plate Order No.	Price
8	12	29 lbs	**NL30TP0812SC**	Price	**NL30TP0812GR**	Price
12	12	45 lbs	**NL30TP1212SC**	Price	**NL30TP1212GR**	Price
12	18	80 lbs	**NL30TP1218SC**	Price	**NL30TP1218GR**	Price
12	24	150 lbs	**NL30TP1224SC**	Price	**NL30TP1224GR**	Price
18	24	235 lbs	**NL30TP1824SC**	Price	**NL30TP1824GR**	Price
24	24	325 lbs	**NL30TP2424SC**	Price	**NL30TP2424GR**	Price
24	36	475 lbs	**NL30TP2436SC**	Price	**NL30TP2436GR**	Price
36	48	950 lbs	-	-	**NL30TP3648GR**	Price

PROCHECK Surface Plate Stands With Leveling Screws



- Designed for use with Procheck O-Ledge surface plates these stands are constructed from angle iron and are easy to assemble
- Working height 36”

Width (in.)	Length (in.)	Weight (lbs.)	Order No.	Price
18	24	54 lbs	**NS50C1824S**	Price
24	36	110 lbs	**NS50C2436S**	Price
18	24	54 lbs	**NS50C1824S**	Price
24	36	110 lbs	**NS50C2436S**	Price
36	48	150 lbs	**NS50C3648S**	Price
36	48	150 lbs	**NS50C3648S**	Price

For larger size plates use NT50 series

Surface Plate Stands

Stands with Level Screws or Casters and Floor Lock.

MADE IN THE USA



- Heavy gage reinforced angle iron
- Built to hold six times the weight of the surface plates
- Overall working height 36″
- Specify the amount of “lips” or “ledgers” and brand of plate when ordering your stand. Other sizes available

Surface plate not included

			Surface Plate Stand 0-Ledge with Casters		Surface Plate Stand 0-Ledge with Leveling Screws	
Width (in.)	Length (in.)	Weight (lbs.)	Order No.	Price	Order No.	Price
12	18	77 lbs	**NT5112180**	Price	**NT5012180**	Price
18	24	93 lbs	**NT5118240**	Price	**NT5018240**	Price
24	24	102 lbs	**NT5124240**	Price	**NT5024240**	Price
24	36	115 lbs	**NT5124360**	Price	**NT5024360**	Price
24	48	128 lbs	**NT5124480**	Price	**NT5024480**	Price
36	48	166 lbs	**-**	-	**NT5036480**	Price
36	60	225 lbs	**-**	-	**NT5036600**	Price
36	72	245 lbs	**-**	-	**NT5036720**	Price
48	48	235 lbs	**-**	-	**NT5048480**	Price
48	60	255 lbs	**-**	-	**NT5048600**	Price
48	72	265 lbs	**-**	-	**NT5048720**	Price
48	96	300 lbs	**-**	-	**NT5048960**	Price

†Larger sizes with casters available call for price and delivery. USA Stands are made to order.

Starrett Surface Plate Covers

MADE IN THE USA

- Strong vinyl material with soft cloth lining
- Protects surface plate from dust
- Fits snugly over top of standard size surface plates

Width (in.)	Length (in.)	Order No.	Price
12	18	**NS6083002**	Price
18	18	**NS6083003**	Price
18	24	**NS6083004**	Price
24	24	**NS6083005**	Price
24	36	**NS6083006**	Price
30	48	**NS6083007**	Price
36	36	**NS6083009**	Price
36	48	**NS6083008**	Price
36	60	**NS6083012**	Price
36	72	**NS6083013**	Price
48	72	**NS6083010**	Price
48	96	**NS6083011**	Price



Starrett Surface Plate Stands Stationary & Rolling

They are structurally engineered to support twice the weight of the plate with ample safety factor—yet are shipped knocked down for easy on-site assembly with carriage bolts (included) and a single wrench.

Steel stand for surface plates 24” x 36” and smaller
Steel stand for surface plates 30” x 48” and larger



NS6082005



NS6082004

		Surface Plate Stand-Rolling			Surface Plate Stand-Stationary		
Width (in.)	Length (in.)	Weight (lbs.)	Order No.	Price	Weight (lbs.)	Order No.	Price
18	24	75 lbs	**NS6082001**	Price	70 lbs	**NS6082000**	Price
24	24	85 lbs	**NS6082005**	Price	80 lbs	**NS6082004**	Price
24	36	110 lbs	**NS6082007**	Price	100 lbs	**NS6082006**	Price
36	36	135 lbs	**NS6082017**	Price	130 lbs	**NS6082016**	Price
36	48	127 lbs	**NS6082019**	Price	116 lbs	**NS6082018**	Price
36	60	153 lbs	**NS6082021**	Price	124 lbs	**NS6082020**	Price
36	72	200 lbs	**NS6082023**	Price	175 lbs	**NS6082022**	Price
48	72	310 lbs	**NS6082029**	Price	200 lbs	**NS6082028**	Price
48	96	-	**-**	-	220 lbs	**NS6082032**	Price

F.O.B. Factory

Starrett Toolmaker's Flats

MADE IN THE USA

Sturdy Felt Lined Case for Surface Plate Covers

12″L x 8″W x 2″H



Type	Order No.	Price
Black Toolmakers Flat	**NS6081802**	Price
Case	**NS6081804**	Price
Crystal Pink Toolmakers Flat	**NS6081803**	Price

Granite Surface Plate Cleaner

- Special formulation designed to work in all QC environments
- Hazard Code: 58

Brand Name - Generic USA		
Size	Order No.	Price
1/2 Gallon	**NB75Z9408**	Price
1 Pint	**NB75Z9406†**	4.75
1 Pint	**NB75Z9412**	Price
1 Quart	**NB75Z9407**	Price
1 Gallon	**NB75Z9409**	Price
5 Gallon	**NB75Z9410**	Price

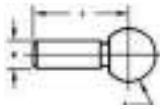
Brand Name - Starrett		
Size	Order No.	Price
1 Gallon	**NS6081823**	Price



† Spray Pump Bottle

VALTRA Standard Tooling Balls

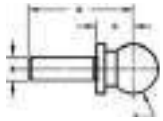




			Press Fit		Slip Fit	
A (in.)	B (in.)	C (in.)	Order No.	Price	Order No.	Price
.2500	.1250	9/16	**MA62826706**	Price	**MA62826705**	Price
.3750	.1875	3/4	**MA62826711**	Price	**MA62826710**	Price
.5000	.2500	1-1/2	**MA62826721**	Price	**MA62826720**	Price
.5000	.2500	15/16	**MA62826716**	Price	**MA62826715**	Price
.5000	.3125	1-1/2	**MA62826726**	Price	**MA62826725**	Price
.5000	.3750	1-1/2	**MA62826731**	Price	**MA62826730**	Price

VALTRA Shoulder Tooling Balls





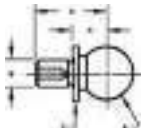
				Press Fit		Slip Fit	
A (in.)	B (in.)	C (in.)	D (in.)	Order No.	Price	Order No.	Price
.2500	.1250	.2000	9/16	**MA62826806**	Price	**MA62826805**	Price
.3750	.1875	.3000	3/4	**MA62826811**	Price	**MA62826810**	Price
.5000	.2500	.4000	15/16	**MA62826816**	Price	**MA62826815**	Price
.5000	.2500	.5000	1-3/8	**MA62826821**	Price	**MA62826820**	Price
.5000	.3125	.5000	1-1/2	**MA62826826**	Price	**MA62826825**	Price
.7500	.3750	.5000	1-1/4	**MA62826831**	Price	**MA62826830**	Price
6mm	3mm	6mm	12mm	**MA62826808**	Price	-	-

Slip-fit shank tolerance is plus 0.0000, minus 0.0004. Press-fit shank tolerance is plus 0.0003, minus 0.0000. Ball and shank are concentric within 0.0002 T.I.R.

VALTRA Toolmaker's Construction Balls

- Available with tapped hole for screw mounting
- Shoulder provides precise base to centerline dimension to facilitate locating ball center





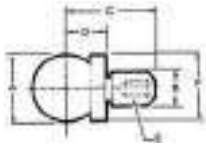
					No-Hole		Tapped†	
A	B	C	D	E	Order No.	Price	Order No.	Price
.5000	.2500	.3125	5/8	.490	**MA62826877**	21.25	**MA62826875**	Price
12mm	6mm	12mm	22mm	12.5mm	**MA62826887**	27.80	**MA62826885**	Price

†Thread hole #6-32x1/4" deep.

TE-CO Premium Short Shank Inspection Balls

- Concentricity of ball to shank .0001" T.I.R.
- One piece construction
- Designed for inspection applications such as coordinate measuring machines

MADE IN THE USA





A (in.)	B (in.)	C (in.)	D (in.)	E Thread	F (in.)	Order No.	Price
.2500	.1247	.58	.2000	-	.250	**SG5510601**	Price
.3750	.1872	.74	.3000	-	.375	**SG5510602**	Price
.3750	.3125	.74	.3000	8-32	.500	**SG5510603**	Price
.5000	.2497	.63	.3125	6-32	.500	**SG5510604**	Price
.5000	.2497	.88	.5000	6-32	.500	**SG5510606**	Price
.5000	.2497	.93	.4000	6-32	.500	**SG5510605**	Price
.5000	.3750	1.31	.3750	10-24	.625	**SG5510607**	Price
.6250	.3122	1.08	.4500	8-32	.625	**SG5510608**	Price
.6250	.3750	1.42	.4500	10-24	.625	**SG5510609**	Price
.6875	.3750	1.47	.5000	10-24	.750	**SG5510610**	Price
.7500	.3750	1.53	.5625	10-24	.750	**SG5510611**	Price
1.0000	.5000	1.64	.7000	10-24	1.000	**SG5510612**	Price

TE-CO Precision Tooling Balls

- Ball diameter = ±.00005"
- Shank diameter = ±.0000, –.0002"
- Concentricity of ball to shank = .0002" T.I.R.
- Hardened & ground steel (440 stainless)
- Two piece construction



Ball Dia. (in.)	Shank Dia. (in.)	Order No.	Price
.2500	.1247	**SG5510850**	Price
.3750	.1872	**SG5510851**	Price
.5000	.2497	**SG5510852**	Price
.6250	.3122	**SG5510853**	Price
.7500	.3747	**SG5510854**	Price
.8750	.4372	**SG5510855**	Price
1.0000	.4997	**SG5510856**	Price

52 Pc. Precision Gage Ball Sets

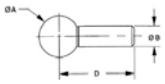
- 26 Pairs of Precision Balls – 1 Pair of each size: 1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 13/32, 7/16, 15/32, 1/2, 17/32, 9/16, 19/32, 5/8, 21/32, 11/16, 23/32, 3/4, 13/16, 7/8, 15/16, 1″
- Chrome steel hardened to 63RC
- Ground and lapped
- Grade 24 accuracy — AFBMA Certified
- Provided in a sturdy case



Brand Name	Order No.	Price
Fowler	**NA5552438766**	Price

Tooling Balls, Standard Tolerance



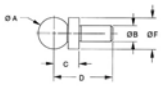


- One piece construction
- Close tolerances - .0002 T.I.R.
- 86290 Steel hardened Rc 58-62

A (in.)	B (in.)	D (in.)	Order No.	Price
.2500	.1250	9/16	**SG6629031**	Price
.3750	.1875	3/4	**SG6629032**	Price
.5000	.2500	1-1/2	**SG6629034**	Price
.5000	.2500	15/16	**SG6629033**	Price
.5000	.3750	1-1/2	**SG6629035**	Price

Slip Fit & Press Fit Inspection Balls





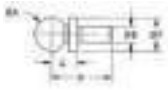
- One piece construction
- .0002 T.I.R.
- 8620 Steel hardened Rc58-62

Type - Press Fit Inspection Ball			
C (in.)	D (in.)	Order No.	Price
.2000	9/16	**SG6629085**	Price
.3000	3/4	**SG6629086**	Price
.4000	1-5/16	**SG6629087**	Price
.5000	1-1/4	**SG6629089**	Price
.5000	1-3/8	**SG6629088**	Price

Type - Split Fit Inspection Ball			
C (in.)	D (in.)	Order No.	Price
.2000	9/16	**SG6629041**	Price
.3000	3/4	**SG6629042**	Price
.4000	15/16	**SG6629043**	Price
.5000	1-1/4	**SG6629045**	Price
.5000	1-3/8	**SG6629044**	Price

Precision Slip Fit Inspection Balls



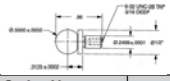


- Used as reference points for inspection applications in conjunction with Coordinate Measuring Machines to accurately measure the workpiece
- Concentricity of ball to shank - .0002 T.I.R.
- Hardened and ground steel (440 Stainless)
- Two-piece construction

A (in.)	B (in.)	C (in.)	D (in.)	F (in.)	Order No.	Price
.2500	.1247	.2000	9/16	1/4	**SG6629075**	38.65
.3750	.1872	.3000	3/4	3/8	**SG6629076**	43.20
.5000	.2497	.4000	15/16	1/2	**SG6629077**	43.20
.6250	.3122	.4500	1-1/16	5/8	**SG6629078**	46.25
.7500	.3747	.5000	1-1/4	3/4	**SG6629079**	57.05
1.0000	.4997	.7000	1-5/8	1	**SG6629081**	80.00

Fixture Balls

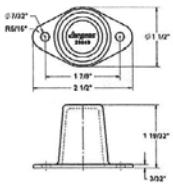




- Assembled by a welding technique that retains the initial high percision and fine finish of the balls
- Material: type 440-C stainless steel hardened to Rc 58-62
- Eccentricity, ball to shank, .0002 T.I.R. maximum
- Two piece welded construction

A (in.)	B (in.)	D (in.)	Order No.	Price
.2500	.1247	.5600	**SG6629001**	Price
.3750	.1872	.7500	**SG6629002**	Price
.5000	.2497	.9400	**SG6629003**	Price
.6250	.3122	1.0600	**SG6629004**	Price
.7500	.3747	1.2500	**SG6629005**	Price
.8750	.4372	1.4400	**SG6629006**	Price
1.000	.4997	1.6200	**SG6629007**	Price

Tooling/Inspection Ball Cover

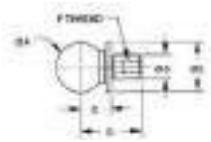


- Mounts directly to the fixture with two number 10 (M4) screws
- Fits most tooling balls up to 3/4”

Order No.	Price
SG6629049	Price

Construction Balls



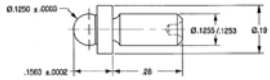


- Heavy duty, resists lateral forces
- Material: 8620 steel hardened Rc58-62
- Close tolerances - .0002 T.I.R.
- One piece construction

A (in/mm)	B (in/mm)	C (in/mm)	D (in/mm)	E (in/mm)	Thread	Order No.	Price
.5000	.2500	.3125	5/8	1/2	Not Tapped	**SG6629052**	Price
.5000	.2500	.3125	5/8	1/2	6-32 x 1/4	**SG6629051**	Price
10mm	5mm	10mm	20mm	10mm	Not Tapped	**SG6629091**	Price
12mm	6mm	12mm	22mm	12mm	Not Tapped	**SG6629092**	Price
6mm	3mm	6mm	16mm	6mm	Not Tapped	**SG6629090**	Price

Carbide Construction Ball





- Two piece construction
- Used as reference points for inspection applications in conjunction with Coordinate Measuring Machines to accurately measure the workpiece
- Concentricity of ball to shank - .0002 T.I.R.
- Hardened and ground
- Material: ball - carbide; shank - 440 stainless

Order No.	Price
SG6629099	Price

Checking Balls



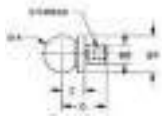


- High precision stainless steel checking balls are made to closer tolerances and avoid excessive side forces
- The accurately located shoulder provides for positive positioning, repositioning, or replacement
- Materal: type 440-C stainless steel hardened to Rc 58-26
- Eccentricity, ball to shank, .0002 T.I.R. maximum
- Two piece welded construction

A (in.)	B (in.)	C (in.)	D (in.)	Order No.	Price
.1250	.1255	.0938	.3750	**SG6629010**	Price
.2500	.1247	.2000	.5600	**SG6629011**	Price
.3750	.1872	.3000	.7500	**SG6629012**	Price
.5000	.2497	.4000	.9400	**SG6629013**	Price
.5000	.2500	.3125	.2500	**SG6629021**	Price
.6250	.3122	.4500	1.0600	**SG6629014**	Price
.7500	.3747	.5000	.12500	**SG6629015**	Price
.8750	.4372	.6000	1.4400	**SG6629016**	Price
1.000	.4997	.7000	1.6200	**SG6629017**	Price

Inspection Balls





- Material: 8620 steel
- Case hardened
- Used as reference points for inspection applications in conjunction with Coordinate Measuring Machines to accurately measure the workpiece
- Concentricity of ball to shank - .0001 T.I.R.
- One-piece construction

A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	F (in.)	Order No.	Price
.2500	.1247	.2000	.5800	-	1/4	**SG6629060**	Price
.3750	.1872	.3000	.7500	-	3/8	**SG6629061**	Price
.3750	.3125	.3000	.7400	8-32	1/2	**SG6629062**	Price
.5000	.2497	.3125	.6300	6-32	1/2	**SG6629063**	Price
.5000	.2497	.4000	.9300	6-32	1/2	**SG6629064**	Price
.5000	.2497	.5000	.8800	6-32	1/2	**SG6629065**	Price
.5000	.3750	.3750	1.3100	10-24	5/8	**SG6629066**	Price
.6250	.3750	.4500	1.4200	10-24	5/8	**SG6629068**	Price
.6875	.3750	.5000	1.4700	10-24	3/4	**SG6629069**	Price
.7500	.3750	.5625	1.5300	10-24	3/4	**SG6629070**	Price
1.0000	.5000	.7000	1.6400	10-24	1	**SG6629071**	Price

Quick Setting Compound Kits

MADE IN THE USA

"Facsimile" is a special plastic compound kit which is used for duplicating surface flats, roughness and for dimensional transfer of inaccessible locations. Many other applications are listed below and many more in our free 20 page applications booklet

- Make duplicates for measuring, such as gages, etc
- Test surface geometry, flatness, microfinish, etc
- Make permanent records of surface geometry, etc
- Make custom holding and nesting fixtures
- Make quick jigs
- Make excellent stylus patterns
- Make instant molds and patterns
- Cast small run parts and prototypes
- Mask, fill in and seal
- Fretting depth of blade dovetails in jet engines
- Makes potting, bonding and repairing easy
- Closer inspection can be performed by allowing the casting to cure in a pressure vessel (15 psi)
- FACSIMILE - will not affect the surface of ferrous or non-ferrous materials to which it is applied
- When casting in a "Confined" area, it is better to cast 1/2 of the internal shape
- Remember - when casting without releasing agent, an ACETONE soak removes FACSIMILE
- Hazard Code: 04
- Class 3 UN#1247

Introductory Kit
One lb Kit order No. GG4516000
Complete Kit Contains:
FACSIMILE Powder, 1 lb Troy
1 — 120 cc FACSIMILE liquid
1 — 60cc Flexbar Release Agent
1 — Powder scoop
1 — Molding clay
10 — Wooden spatulas
1 — 1 oz Polypropylene measuring cup



Size	Order No.	Price
1 lb	**GG4516000**	Price
25 lb	**GG4516025**	Price
3 lb	**GG4516003**	Price

Refills for Kits

TECHNICAL DATA

MADE IN THE USA

A test submitted by E. I. Dupont DeNemour & Company to an independent test lab showed the following properties of "Facsimile."
TEST PIECE: Approximately 1" round by 1/4" thickness
COMPRESSION TEST: Maximum load 6,800 lbs
Compression strength 9,650 PSI
MECHANICAL PROPERTIES: Ultimate tensile 3,415 PSI
WATER ABSORPTION: (24 hours at 73°) 0.31 by weight
The kit contains all material and instructions. The "Facsimile" can be diluted from putty consistency to a watery to best suit your job needs. If larger quantities of "Facsimile" are desired, they can be ordered 3 lb, 25 lb, 50 lb and 100 lb kits at proportionate lower prices per pound

Type - Refill for Facsimile Kit		
Description	**Order No.**	**Price**
1 lb Bar Molding Clay	**GG4516213**	Price
1 lb Jar Facsimile Powder•	**GG4516202**	Price
100 ea. 1 oz. Plastic Cups Graduated	**GG4516210**	Price
100 ea. 3 oz. Paper Cups Graduated	**GG4516209**	Price
100 ea. Sticks, Mixing, Narrow	**GG4516212**	Price
100 ea. Sticks, Mixing, Wide	**GG4516214**	Price
120cc Bottle Facsimile Liquid†	**GG4516205**	Price
20 pk. 6-1/2 oz. Plastic Cups Graduated	**GG4516211**	Price
25 lb Drum Facsimile Powder•	**GG4516204**	Price
3 lb Jar Facsimile Powder•	**GG4516203**	Price

Type - Refill for Facsimile Kit		
Description	**Order No.**	**Price**
60cc Release Agent, oil based•	**GG4516914**	Price
60cc Release Agent, soap based•	**GG4516200**	Price
Gallon Can Facsimile Liquid‡	**GG4516208**	Price
Pint Can Facsimile Liquid†	**GG4516206**	Price
Pint Release Agent, oil based•	**GG4516915**	Price
Pint Release Agent, soap based•	**GG4516201**	Price
Quart Can Facsimile Liquid†	**GG4516207**	Price

Type - Special Release Agent		
Description	**Order No.**	**Price**
Epoxy Parfilm (20oz. Spray Can)	**GG4516136**	Price

Thin Pour Metrology

Casting Material

MADE IN THE USA

THIN POUR (No. 16135)
Final Color — LIGHT GREEN
For internal-shape applications where a thin pour will completely fill the cavity without voids. Hazard Code: 58
A complete replica casting is quickly formed
- Manipulation time is 2 minutes and cure time is 12 minutes
- Start to finish: 14 minutes

You Can Take Impressions Of:
- All metals non-metals paper or cardboard items
- All plastics, rubber,ceramic, glass items,wood, marble, etc



Other Uses Include:
- Fixturing where semi-rigid structure is desired
- Making joints where flexibility is required
- Prototypes of rubber type components such as gaskets, washers, etc
- As a mask for high temperature plasma spray of metallic coatings

Physical Advantages Over the Hard-Copy Replicas:
- Replica is easy to remove — even if there are under cuts or grooves
- Cross-sectioning of replica is easily accomplished with a knife or razor
- It can then be checked on an optical comparator or microscope
- Surface finish replication is exact with excellent optical properties
- Reprorubber copies can be recopied (copy from a "female mould" yields a male-shaped replica)
- Replicas are permanent — will not leach or ooze out nor out gas
- No more 16 hour cure times as with RTV SILICONES
- More accurate than all other RTV COMPOUNDS
- REPRORUBBER putty will withstand up to 300° F (or more)

Order No.	Price
GG4516135	Price

Quicksetting Putty Metrology

Casting Material

MADE IN THE USA

QUICK SETTING PUTTY (No. 16130)
Final Color — LIGHT BLUE
Roll two equal-sized balls of catalyst putty and base putty and simply knead them together like dough. Excellent for external shapes. Simply spread over master pushing down with fingers and wait for cure 8-10 minutes. You have 2-3 minutes of manipulation time. Therefore 13 minutes start to finish. You can also cast internal shapes and cavities but some pressure should be applied such as a weighted object on top



Exotic Metrology-Grade Rubber — Self-Curing in Minutes Virtually Perfect Replica Castings of Internal and External Forms Non-Toxic — Easy to Use — 100 Times Faster Than RTV Silicones - No Release Agent is Ever Needed
Hazard Code: 58

PHYSICAL PROPERTIES and APPLICATIONS

	REPRORUBBER THIN POUR	REPRORUBBER QUICK SETTING PUTTY
Mix Time (Stirring in a cup)	30″-45″	30″-45″
Working Time (Manipulation Time)	2'00″	2'00″ (from beginning of mix)
Setting Time (at room temperature)	10'-12'	6'00″
Permanent Deformation	0.2%	0.3%
Dimensional Stability	less than 0.50	less than -0.25
Tear Strength	44 pounds per sq. in.	105 pounds per sq. inch
Elongation	6.0 at break	6.3 at break
Durometer (Shore A-2)	30-15 minutes	50-7 minutes
Temperature Stability	1 Week @ 72° C	1 Week@ 72° C
Detail Reproduction	EXCELLENT	EXCELLENT

Order No.	Price
GG4516130	Price

Machineable Wax

You can easily machine Flexbar Machinable Wax without the need for costly and messy coolants or lubricants, because MACHINABLE WAX is “self-lubricating”, “non-abrasive” and it will not fuse when machined at high-end spindle rpm’s and feed rates. Unlike wood or plastic, MACHINABLE WAX will not “gum up” on tool bits. As illustrated by the machined and assembled prototype on the front of this bulletin, sharp edges can be maintained, accurate threads can be cut and thin wall sections maintained with the quality of surface finish capable of being produced by your cutting tools and machine. MACHINABLE WAX is not cellular, grainy, or abrasive so “voids” in machined surfaces (common with plastics and wood) and “tool wear” are negligible. Flexbar Machinable Wax will also machine “within designated tolerances” to provide you with a dimensionally accurate prototype that can be assembled for checking.



- Hardness: 50-55 (Shore “D” scale)
- Specific gravity: 92
- Flash point: 575°F
- Softening point: 226°F
- Volumetric shrinkage @ room temperature: 7%
- Coloring: permanent, oil base, blue dye

Size	Description	Order No.	Price
1.5 Dia x 12	Cylinder	**GG4515170**	Price
2 Dia x 12	Cylinder	**GG4515165**	Price
3" Dia x 12	Cylinder	**GG4515166**	Price
4" Dia x 14	Cylinder	**GG4515167**	Price
6" Dia x 18	Cylinder	**GG4515168**	Price
3 x 7 x 1.5	Rectangular Block	**GG4515160**	Price
3 x 7 x 3	Rectangular Block	**GG4515161**	Price
5 x 10 x 3	Rectangular Block	**GG4515162**	Price
6 x 12 x 3	Rectangular Block	**GG4515163**	Price
24 x 24 x 2	Rectangular Block	**GG4515164**	Price

Fine Proofing Alloy

Uses of NO. 16117
PROOFING VIA REPLICATION OF:
Dies • Moulding • Internal and External Thread Forms • Texture Check • Groove Slots • O-Ring Grooves • Gear Teeth • Splines • Surface Finish Replication • Extra-Fine Fixturing • Checking Undercuts

OTHER USES:
1. Precision holding of irregular work pieces during machining.
2. Dental-type model making.
3. Drill bushings for drill jigs.
4. Checks for lens buffing—gem cutting.
5. Transfer templates in contour jigs.
6. Cores for electroforming.
7. Compound wax patterns—lost wax patterns.
8. Duplicating plastic. Facsimile or Plaster patterns.



Flexbar No. 16117 Fine Proofing Alloy can be used in conjunction with our facsimile Measure-Image Replicating Material.
Accordingly—you can clone or reproduce original parts for prototypes, small production runs, etc.

Physical Properties No. 15158

Melting Temperature or Range °F	158	• Latent Heat of Fusion BTU/lb.	14	Composition %		Growth-Shrinkage Time After Casting	
Weight lb./in.³	.339	Brinell Hardness No.	9.2	Bismuth	50.0	6 Minutes	+.0027
• Specific Heat—		Tensile Strength		Lead	Price	30 Minutes	+.0045
Liquid	.040	—Lbs./in.²	5990	Tin	13.3	1 Hour	+.0051
Solid	.040	• % Elongation in Slow Loading	200	Price	10.0	5 Hours	+.0051
		Loading, Lbs./in.²		Indium	None	24 Hours	+.0051
		• Max. Load 30 Sec.	10,000			21 Days	+.0057
		• Max. Load 5 Min.	4,000				
		• Safe Sustained Load	300				

Order No.	Price
GG4516117	Price

Fixturing Alloy



Uses of No. 15158
CHUCKS, JIGS AND FIXTURES:
1. Spinning metal into re-entrant or bottle neck shapes.
2. Holding irregular shaped work pieces during machining.
3. Bushings anchored in drill jigs.
4. Cast ref. surfaces in assembly, checking, die spotting, drilling, inspection fixtures.
5. Transfer templates in contour jigs.

MODELS AND PATTERNS:
1. Duplicate patterns for foundry match plates, ceramics, plastics and pottery
2. Patterns compensated for shrinkages

- Reusable low-temperature melting alloy (158°F) for supporting thin-walled sections which require machining. Does not shrink upon solidification. After machining you simply melt it out in hot water.
- Melts at 54° F below boiling point of water. Simply put it in a cast iron, stainless steel or porcelain lined pot and into hot water bath to melt it.
- Reusable many times.
- No drosses created owing to low heat required prior to pouring it.

Order No.	Price
GG4515158	Price

Melting Temperature or Range °F	117	• Latent Heat of Fusion BTU/lb.	6	Composition %		Growth-Shrinkage Time After Casting	
Weight lb./in.³	.32	Brinell Hardness No.	12	Bismuth	44.7	6 Minutes	+.0002
• Specific Heat—		Tensile Strength		Lead	22.6	30 Minutes	.0000
Liquid	.035	—Lbs./in.²	5400	Tin	8.3	1 Hour	-.0001
Solid	.035	• % Elongation in Slow Loading	1.5	Cadmium	5.3	5 Hours	-.0002
				Indium	19.1	24 Hours	-.0002
						21 Days	
-.0002							

Fault Finder Inspection Kit 1070

Group 1

- **Kit Contains:** 4 - #1071 Cleaner; 2 - #1072 Penetrant; 2 - #1073 Developer
  Advantages: portability, accuracy, versatility, simplicity, availability
- Group 1 is Certified
- Kit contains no chlorine or sulfur-bearing solvents
- Because of its carrier solvents, Group 1 is our least flammable system
- Hazard Code: 3



Description	Size	Order No.	Price
Fault Finder Inspection Kit	Kit	**LP501070**	Price
Developer for Fault Finder Kit	7.5 oz	**LP501073**	Price
Penetrant for Fault Finder Kit	7.5 oz	**LP501072**	Price
Cleaner for Fault Finder Kit	8.5 oz	**LP501071**	Price

Starrett® HE400 Horizontal Benchtop Optical Comparator

- HE400 horizontal benchtop optical comparator offers a 16” screen, 10” fast traverse X-axis travel, 4” Y-axis travel, quick change bayonet fitting lenses, Q-axis digital protractor with angular measurements to 1” resolution and MetLogix software control systems
- Simple to use, yet have great capacity and performance to satisfy an exceptionally wide range of dimensional inspection applications and complex measuring requirements
- Precision optics, superb lighting and a highly accurate workstage which combine to ensure bright, sharp images and exceptional accuracy



Model No.	Screen Size (in.)	Measuring Range	Description	Order No.	Price
HE400-M1E-SP	16	10" x 4" X - Y Axis	With MetLogix M1E & Optical Edge Detection	**MV85HE400M1ESP**	Price
HE400-M1-SP	16	10" x 4" X - Y Axis	With Metlogix M1	**MV85HE400M1SP**	Price

Suburban MASTER-VIEW™ Line of Optical Comparators Complete and Ready to Use Complete and Ready to Use

On all Master-View™ Optical Comparators

- Surface illumination through duplex fiber optics
- High capacity 4”x8” travel stage with 4.5”x19” work surface
- 10X Lens system
- Overlay chart clips
- Vernier reading to 5 minutes of arc
- Ball way construction handles loads to 100 lbs
- 3-Position rotary switch selects profile, surface, or combination surface and profile illuminations modes
- Rotary frosted glass screen with 90° crossline and 360° protractor rim
- Heavy-duty monorail type welded steel frame

Suburban Master-View Plus™ 14" Optical Comparator

Model MV-14-P-FAGOR Readout

Master-View Plus™ includes all the standard features of our standard Master-View™

Plus:
FAGOR NV-20

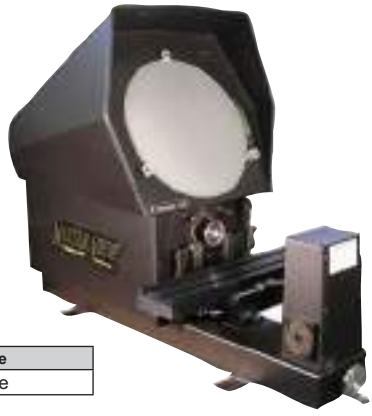
- 2-Axis digital readout
- Linear comp
- Inch/mm conversion
- Absolute/incremental swtich
- 5 Micron glass scales
- .0002″ Resolution



Order No.	Price
MS55MV14P	Price

Suburban Master-View™ Basic MV-14

- All the standard features of the Master-View™ line plus LCD digital scales on the X and Y axis providing .0005” reading.



Order No.	Price
MS55MV14	Price

Suburban The Original MASTER-VIEW™ and MASTERVIEW II™ Optical Comparator

Master-View™ Basic MV-14 all the standard features of the Master-View™ line plus LCD digital scales on the X and Y axis providing .0005″ reading.

Master-View with Quadra-Check® 200 series readout
Standard features plus Quadra-Check® 200 series readout and Acu-Rite® glass scales, .0001″ reading on X and Y scales.
Four models are available.
MV-14-Q with Quadra-Check® 200 series readout
MV-14-QR Series 200 readout plus digital protractor
MV-14-QE Series 200 readout plus fiber optic edge detection
MV-14-QRE Series 200 readout with both digital protractor and fiber optic edge detection



Model Number	Order No.	Price
MV14Q	**MS55MV14Q**	Price
MV14QE	**MS55MV14QE**	Price
MV14QR	**MS55MV14QR**	Price
MV14QRE	**MS55MV14QRE**	Price

Mitutoyo PH-A14 Horizontal Profile Projectors

- Mitutoyo's lens technology and workmanship combine to provide a bright, crisp image for error-free inspection
- 8" x 4" floating-type workstage incorporates linear scales for fast, accurate measurement
- The workstage provides high accuracy and can handle a workload of up to 100 lbs
- 10X objective lens and fiber illuminator are standard accessories



Model No.	Description	Order No.	Price
64PKA087	PH-A14 Profile Projector w/QM Data (Arm Mount)	**MT8064PKA087**	Price
64AAA129B	Optional Stand for PH-A14 Projectors	**MT8064AAA129B**	Price

Mitutoyo PH-3515F Horizontal Profile Projectors

- Heavy-duty bench top model with horizontal optical system
- Erect image on day-bright screen
- 14" (356mm) diameter protractor screen with crosshair line for easy alignment
- Floating-type workstage incorporates linear scales for fast, easy measurement
- Suitable for thread pitch measurements - free from blurred or distorted images when the workpiece is angled



Model No.	Description	Order No.	Price
64PKA088A	PH-3515F Profile Projector w/QM Data (Arm Mount)	**MT8064PKA088A**	Price
64AAB176	Optional Stand for PH-3515F Projector	**MT8064AAB176**	Price

Mitutoyo PV-5110 Profile Projector

Model No. 304-919A



- Large 500mm screen
- Floor model uses a downward illumination system
- Digital readout protractor screen (including zero-setting, ABS/INC coordinate switching functions) for easy and error-free angle measurement
- Angled screen allows projected images to be easily traced or compared with a template
- Oblique surface illumination system provided clear and bright images, allowing easy inspection of non-reflective workpieces such as plastic parts or printed materials
- **Includes**: 8"x4" stage, 10X projection lens set, surface illumination unit, counter stand for KA counter, power cord, halogen bulb, fuse, grounding wire, allen wrench, vinyl cover

Order No.	Price
MT80304-919A	Price

Mitutoyo ABSOLUTE Vertical Digimatic Scale Units



- The ORIGIN key allows setting of an absolute zero point to be used as reference in subsequent measurements. Once set, the ABS Digimatic Scale Unit is ready to show its true position whenever turned on rather than 0.00" as with standard models
- The ZERO/ABS key allows the display to be zero-set at any slider position along the beam for incremental comparison measurements. This key will also allow return to the absolute coordinate with a display of the true position from the origin point
- No rack, no pinion, no glass scale
- Safely embedded in the hardened stainless steel blade
- Horizontal or vertical face according to the scale mounting direction
- Special type that is provided with diameter displaying function is available for lathes
- All units come with two mounting brackets, each located at either end of the scale
- With SPC data output

Range (in/mm)	Accuracy (in/mm)	Resolution (in/mm)	Order No.	Price
0 - 6 / 0 - 150mm	.001 / 0.03mm	.0005 / 0.01mm	**MT80572-311-10**	Price
0 - 8 / 0 - 200mm	.001 / 0.03mm	.0005 / 0.01mm	**MT80572-312-10**	Price

Mitutoyo Working Standard Scales Series 182

- High precision glass scales manufactured under Mitutoyo's leading-edge Linear scale production technology
- Ideal for checking magnification accuracy of profile projectors and microscopes, and the table feeding accuracy of measuring equipment
- Graduation 0.1mm (thickness: 20µm), 0.5mm (thickness: 50µm), 1mm (thickness: 100µm)

Range	Graduation (in.)	Width	Order No.	Price
100mm	0.1	125mm	**MT80182-512-10**	Price
100mm	0.5	130mm	**MT80182-521-10**	Price
150mm	0.1	175mm	**MT80182-513-10**	Price
200mm	0.5	230mm	**MT80182-522-10**	Price
250mm	1	280mm	**MT80182-531-10**	Price
300mm	0.5	330mm	**MT80182-523-10**	Price
400mm	0.5	430mm	**MT80182-524-10**	Price
500mm	1	530mm	**MT80182-532-10**	Price
750mm	1	780mm	**MT80182-533-10**	Price

Fowler 12" Basic Bench Top Optical Comparator

with Digital Indicators

12” Basic Bench Top Optical Comparator Standard with Profile and Surface illumination. A must for all tool room applications this bench top comparator is lightweight, portable and economical.

- Featuring the basics for comparative/absolute measurements.
- 1 quadrant protractor screen graduated to 10X, 20X & 40X
- 2 each, AGD Group 2,0 - 1″/25mm electronic digital indicators with .0005″/.01mm resolution
- 10X lens is included with the unit and other lenses are available
- T-slot stage with a travel of 6″ horizontally and 2-1/2″ vertically make the unit universal for many different types of set-ups
- Uses a standard 110 power source so no expensive special electrical supply is needed



Order No.	Price
NA5553900000	Price

PRO-CHECK Large Capacity Bench Centers

Heavy base provides extra stability for large workpieces

- Accuracy: less than .00015” runout
- Chart supplied with each instrument
- Adjustable gibs
- Adjustable indicator holder included
- Made by one of the world’s largest manufacturers
- Includes 2MT center
- Indicator NOT included



Center Distance (in.)	Max. Dia. (in.)	OAL (in.)	Order No.	Price
20	12	27-1/2	**MV501**	Price
40	19	47	**MV502**	Price

O.C. White Co. Super-Scope® HD Integrated Inspection

Standard Features

- 5MP Hybrid HDMI/USB camera with advanced onboard imaging controls
- Unlimited working distance 6” to infinity
- Up to 80x magnification with options
- 24” Tall heavy duty double ball bearing base
- ∞ - 9mm Field of view
- 100-240V (50/60hz) autoswitchable
- 1-40x Scale Range
- Integrated 12” screen with 300 DPI resolution

Onboard Software Features (No PC Required)

- Image & video capture
- Browse saved images
- Split-screen compare
- Calibrated measurement
- Digital zoom with H/V image invert
- Region of interest cropping
- Crosshair overlay
- Calibration bar
- Data export to excel or txt file



Model Number	Field of View	Power	Scale Range	Comments	Order No.	Price
TKSS	∞ - 9mm	100-240V (50/60hz) autoswitchable	1-40x	No Light Source	**KC54TKSS**	Price
TKSS-F	∞ - 9mm	100-240V (50/60hz) autoswitchable	1-40x	FL1000 Fluorescent Ring Light	**KC54TKSSF**	Price
TKSS-LV2	∞ - 9mm	100-240V (50/60hz) autoswitchable	1-40x	LV2000-B LED Ring Light	**KC54TKSSLV2**	Price

O.C. White Co. ProZoom® 6.5 Microscopes

Standard Features

- 5 - 65x Standard magnification range (up to 390x w/options)
- Super wide 28mm high eye point and wide field eyepieces
- 45° Eyepiece angle
- 90mm of working distance with 0.5x objective lens
- Interpupillary distance adjustment on eyepiece tubes
- Built with ESD safety construction and materials
- Trinocular package includes 0.3x CCD adapter
- 100-240V (50/60hz) autoswitchable
- LV2000-B LED light ring included
- 5 Year mechanical warranty (1 year electrical)

Onboard Software Features (No PC Required)

- Image & video capture
- Browse saved images
- Split-screen compare
- Calibrated measurement
- Digital zoom with H/V image invert
- Region of interest cropping
- Crosshair overlay
- Calibration bar
- Data export to excel or text file



Model No.	Field of View	Scale Range	Comments	Order No.	Price
TKPZ-L-LV2	58-5.5mm	10-65x	Binocular Style, Lab Base	**KC54TKPZLLV2**	Price
TKPZ-LV2	46-3.5mm	5-65x	Binocular Style, 0.5 Aux Lens, Ball Bearing Arm Base	**KC54TKPZLV2**	Price
TKPZT-HU-LV2	46-3.5mm	5-65x	Trinocular Style, 12" "Heads-Up" Screen, Ball Bearing Arm Base	**KC54TKPZTHULV2**	Price
TKPZT-LV2	46-3.5mm	5-65x	Trinocular Style, 22" LED Screen, Ball Bearing Arm Base	**KC54TKPZTLV2**	Price

Fowler Microscope

XTRA-RANGE

- 10X eyepiece with adjustable centers and rubber eyecups
- 2X objective lens
- Top swiveling light source - 12 volt lamp, 110V supply
- Positive rack and pinion focusing
- Articulated 12″ long extension arm
- Heavy base plate insures stability and houses transformer which measures 5″ x 8″ x 2.5″
- Overall column with a height of 12″



Order No.	Price
NA5553640280	Price

Fowler Stereo Microscope

- Includes 1X and 3X objectives, 10X eyepiece and 12 volt incident (top) illuminator with an on/off switch
- Wide field eyepieces are mounted in 45° inclined eyetube with interpupilary distance adjustable from 2 to 3″ (50 to 75mm)
- Objectives are mounted in 180° revolving turret with positive click stop - parfocal and parcentered
- Optional eyepieces available to increase magnification to 60X
- 2.5″ (60mm) reversible white/black stage plate provided
- Pair of rubber eye cups included



Order No.	Price
NA5553640320	Price

PROCHECK 200X Digital Microscope with Stand

- Magnification 10x - 200x @ 17” montitor full screen view
- Optical format: 1/3” CMOS Sensor (4:3)
- Field of View: Min: 2.5mm x 1.9mm @ 17mm working distance (200x), Max: 100mm x 75mm @ 300mm working distance (10x)
- Image sensor: 2.0 Mega Pixels
- Video Capture Resolution 1600 x 1200, 1280 x 1960, 640 x 480
- Color: 24 bit RGB or YUV or MJPG
- Lens: High precision microscope lens
- Focus Range: Manual from 8mm to 300mm
- White balance: Auto
- Exposue Time: Auto
- Light Source: Integrated adjustable LED illumination
- Length: 122mm
- Diameter: 36mm
- Output: USB streaming video
- Power supply: from USB
- Software included
- Microscope stand included
- 1 Year Warrant
- Laptop not included



Order No.	Price
PC22DM200S	Price

Fowler Deluxe Stereo Microscope

- Includes 2X and 4X objectives, 10X eyepiece,eyecups and dust cover, top & bottom illumination
- Wide field eyepieces are mounted in 45° inclined eyetube with interpupillary distance adjustable from 2 to 3″ (50 to 75mm)
- Sharp image definition
- Optional eyepieces available to increase magnification to 80X
- Objectives are mounted in 180° revolving turret with positive click stop - parfocal and parcentered
- Two 3.5″ (95mm) stage plates provided
- Rack and pinion focusing



Order No.	Price
NA5553640902	Price

Fowler Deluxe Stereo Zoom Microscope

- Binocular head can be rotated a full 360° and locked into any position desired
- Includes 10x eyepieces and eyecups
- 7-45x Magnifications
- Field of view: 33–5mm
- Sharp image definition
- Rack and pinion focusing
- Top and bottom illumination
- Illumination can be adjusted separately



Order No.	Price
NA5553640777	Price

INSIZE Digital Measuring Microscope

10X - 200X Power

- Short focus distance type
- Illumination built in adjustable LED
- Power supply USB
- Can take pictures and videos
- Supplied with software
- Class 2B
- Standard ANSI B1.2
- Laptop not included



Order No.	Price
SZ20ISMPM200SB	Price

INSIZE Digital Measuring Microscope

- Connected to TV and computer
- Take pictures and videos, saved to memory card
- Measurement on computer with accuracy ±.0004”
- Large working distance because focus distance of camera is adjustable
- Automatic white balance and exposure, white-black display mode
- Automatic power off



Model No.	Power	Order No.	Price
ISM-DM40	15X - 205X	**SZ20ISMDM40**	Price

GENERAL Live Video Wireless Data-Logging Video Inspection Systems



- Big, bright color LCD for crystal-clear real-time video imaging
- Probes are water, oil, and dust resistant to IP67
- DCS280's grip and monitor are IP54 splash-proof
- 2.4" Diagonal TFT color LCD
- Batteries are included
- 3 Year limited manufacturer warranty

Probe & Tip Size	Display Size	Live/Recording	Interface	Power Source	Order No.	Price
9mm x 3' (1m) length	2.4	Live Only	Live Only	4 AA Batteries	**NB49DCS280**	Price

Hawkeye® Precision Borescopes

See the Places You Always Needed to See… But Couldn't

- See inside of pipes, tubes, valves, meters, bores, cross-holes, castings and injection molds
- Magnification of up to 25 times or more
- Portable and ready to use
- Built-in light source
- Bright clear images, straight-on or 90° view

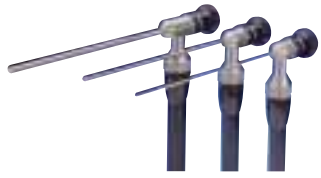
Hawkeye Precision Borescope Kit Includes:

- Hawkeye Precision Borescope
- Hawkeye SideWays 90° adapter
- Mini-Maglite® flashlight with batteries
- Keyed aluminum & ABS carrying case

Specifications:

- Working length: 7" & 12" & 17"
- Tube diameter: Super Slim.109", Slim .188", Hardy .313"
- Tube material: type 304 stainless steel
- Field of view: 40º
- Direction of view: 0º from primary axis of borescope
- Actual view: 6.5mm @ 7mm distance, 41mm @ 50mm distance
- Range of focus: .04" (1mm)
- Resolution: 45 line pairs per mm @ 5mm subject distance
- Kit weight (12" Slim): 4 lbs 6 oz













Description	Order No.	Price
Hardy 12" Kit	**MS4680812**	Price
Hardy 17" Kit	**MS4680817**	Price
Hardy 7" Kit	**MS4680807**	Price
Nova Light Source†	**MS4681412**	Price

Description	Order No.	Price
Slim 12" Kit	**MS4681912**	Price
Slim 17" Kit	**MS4681917**	Price
Slim 7" Kit	**MS4681907**	Price
Slim 7" with 90° Adaptor	**MS4681906**	Price

†The Hawkeye Nova is a portable, rechargeable Xenon light source 10 times as bright as our standard light. Great for use in large cavities and bores, such as pipes and engine cylinders.

Hawkeye® Flexible Borescopes

The Hawkeye Flexible Borescope fits into places with restricted access, can be flexed into places with tight access, and has "memory" to retain its working set. The Hawkeye Flexible Borescope brings illumination from a powerful, portable Nova Light, through glass fibers to the subject. A clear, bright image is returned to the eyepiece through 18,000 optical glass fibers, revealing burrs, contaminants, or flaws in weld joints.

- Outside diameter Borescope: .310″, mirror tip: .375″
- Working length: 39.4″
- Direction of view: 0° & 90° (with included mirror tip)
- Field of view: 40°
- Focal distance: .500″ to infinity
- Light source: Nova light with Xenon lamp and NiCd battery (charger included)
- Includes lockable metal case with die-cut foam



Order No.	Price
MS46HFB2A	Price





GENERAL DCS1600 High Preformance Data Logging Video Borescope System

Portable hand held complete borescope system with monitor, camera and video

Features:

- Compact, palm-sized unit includes LED light source, 3.5” (89mm) extra wide TFT (Thin Film Transistor) display, camera and recorder
- Takes still photos and video (Multiple video formats compatible with most software including Windows media player, no special software required
- Internal SD memory allows user to save a whole video and output later
- TV monitor output, computer USB output, data logging function
- Multiple mirrored viewing tips and extra wide view angle
- Comes with a 3.3 ft (1m) long flexible probe with 0.2” (5.5mm) diameter camera tip
- Insert tube is resistant to water, oil, dust, gasoline, and scratches



Specifications:

- Light source: white LED
- Field of view: horizontal field angle: 46º, vertical field angle: 34º, diagonal field angle: 56º
- Depth of field (DOF): 1cm ~ 6cm
- Working temperature: 0º to 55ºC
- Power: rechargeable Li-Polymer battery 3.7V, AC 100-240V 50-60Hz power consumption DC5.5 1.8A (up to 4 hours record time)
- Recording medium: 1G SD CARD (up to 2G)
- Video out format: NTSC & PAL

Complete kit includes : Charger, lens module cable 3.3ft (1m), SD 512M memory card, 30°, 45° and 60° mirrors, USB to 5-pin mini-B cable, cleaning cloth, cotton swab, instructions, hard blowmolded case

Order No.	Price
NB49DCS1600	Price

GENERAL Recording Video Inspection Camera/Borescope

With High-Performance Articulating Probe

- Ideal for aircraft inspection, machinery, and production line
- Display: 3.5” (89mm) diagonal TFT color LCD
- Display resolution: 320 x 240 pixels (QVGA)
- Camera and recording resolution: 640 x 480 pixels (VGA)
- 2X zoom and horizontal mirroring controls on front panel
- Recording medium, standard size SD card
- Power source: rechargable 3.7V Li-ion battery or AC2 adaptor / charger (included)
- Includes: H16 console, P18HPART high performance wireless articulating probe, 70° mirrored probe viewing tip, 4GB SD memory card, AC2 adaptor/battery charger, USB and A/V cables, hard plastic carrying case
- Limited 1 year warranty



Order No.	Price
NB49DCS16HPART	Price

GENERAL Wet / Dry Video Scopes

- Standard probes are 1m long
- Monitors include 3.5” (89mm) diagonally color LCD with 320 x 240 pixel resolution
- Video shown on monitor can be inverted 180°
- IP67 rating eliminates concerns about accidentally dropping or dunking grip or monitor into water, makes it possible to inspect sewer and water lines carrying running water
- Grip, probe, and monitor are guaranteed leakproof to depth of 1m





Description	Order No.	Price
Non-recording with 8mm probe	**NB49DCS600A**	Price
Recording with 8mm probe	**NB49DCS660A**	Price

GENERAL Wireless Recording Video Inspection Camera/Borescope

With High Performance Articulating Probe

- Ideal for aircraft inspection, machinery, and production line
- Display: 3.5” (89mm) diagonal TFT color LCD
- Display resolution: 320 x 240 pixels (QVGA)
- Recording rsolution: 640 x 480 pixels (VGA)
- Wireless frequency / range: 2.4 GHz / 33 ft. (10m)
- Recording medium, standard size SD card (4GB card included)
- Power source: rechargable 3.7V Li-ion battery or AC2 adaptor / charger (included)
- Includes: DCS1800 console, P18HPART high performance wireless articulating probe, 110° mirrored probe viewing tip, 4GB SD memory card, AC2 adaptor/battery charger, A/V cable, hard plastic carrying case
- Limited 1 year warranty



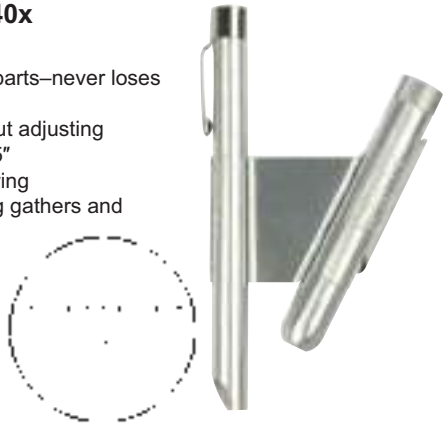
Order No.	Price
NB49DCS18HPART	Price

Fowler Pocket Scope and Micro-Lite

Available in 20x or 40x

Pocket Scope Features:
- Fixed focus, no moving parts–never loses focus
- Accurate readings without adjusting
- Compact in size, under 5″
- Provides on-the-job viewing
- Special bevelled opening gathers and focuses light
- .002” Reticle View

Micro-Lite Features:
- Invaluable for inspection and measurement of hard-to-see and reach places



Power	Description	Field of View	Scale Range	Order No.	Price
-	Micro-Light uses AAA Battery (not included)	-	-	**NA5552662045**	Price
20X	Pocket Scope & Micro Light Set	.190	0-.18	**NA5552662050**	Price
20X	Scope w/.002" reticle	.190	0-.18	**NA5552662020**	Price
40X	Pocket Scope & Micro-Light Set	.082	0-.07	**NA5552662055**	Price
40X	Scope w/.001" reticle	.082	0-.07	**NA5552662040**	Price

Fowler Deep Hole Light Kit

- Permits viewing in deep holes, around corners, under grooves, etc
- Includes battery case for 2 penlight batteries and a battery case for one battery for use where space is limited, batteries not included
- Features a positive switch
- Curved and straight light conveying devices place intense illumination at their ends directly on the bottom of the hole being viewed
- A small mirror permits viewing in a manner similar to a dentist examining teeth
- Includes plastic case



Order No.	Price
NA5552270000	Price

PROCHECK Deluxe Shop Microscopes

with Adjustment Focal Wheel

- Designed for very distinct, sharp and no color distortion magnified images
- Features illumination torch with 2 AAA batteries



Power	Order No.	Price
40X	**NL51DSM40**	Price
80X	**NL51DSM80**	Price

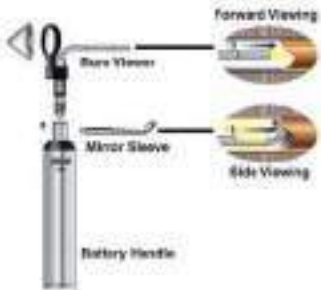
Fowler BoreView Inspection Set

Compact size and built-in illumination makes this bore viewer fully portable. Top quality internal inspection viewer that can be used anywhere!

Each Kit Includes:
- Battery-holding handle
- Batteries
- Illuminated probe (3″ long × 120″ dia.)
- 3X magnifier (3/4” dia.)
- Mirror (3/8” dia.)
- Spare bulb
- Shop hardened case
- Views bores from 1/8” in diameter and up
- Stainless steel construction
- Perfect for inspection, maintenance and mold makers







Order No.	Price
NA5552660777	Price

Fowler Economy Inspecto-Scope

- Economically priced, medical Otoscope ideal for magnifying and illuminating hard to see areas
- Packaged complete with three specula, and soft plastic carrying pouch
- Uses convenient “C” batteries



Type	Description	Order No.	Price
Inspecto-Scope	With Light	**GG4512280**	Price
Inspecto-Scope Bulb	Fits 12280	**GG4512281**	Price

One Piece Airflow Volume Anemometer-Thermometer



- Ideal for measuring the airflow speed and volume output of exhaust fans and blowers
- Airspeed measurement range/accuracy 80 to 5900 ft./min (0.4 to 30 m/sec, 1.4 to 126 km/hr., 0.9 to 78.3 mph, 0.8 to 68 knots) +/- 2%
- Airspeed measurement resolutions: 1 fpm, 0.01 m/sec, 0.1 km/hr, 0.1mph, 0.1 knots
- Ambient temperature measurement range/accuracy/resolution: 14° to 122°F (-10° to 50° C)/ +/- 8° F (+/- 1° C)/0.1°
- LCD size 1.5 x 1.3" (38 x 33mm)
- Power source: 9V battery (included)
- Comes with hard plastic carrying case
- 1 Year limited warranty

Order No.	Price
NB49DCFM8906	Price

Ultrasonic Thickness Gage

- Measure the thickness of metals, plastics, ceramics, glass and other ultrasonic wave-conducting materials with two parallel surfaces
- Thickness measurement range: .026 to 9.843" (0.65 to 250mm)
- Thickness measurement accuracy: +/-0.04mm from 0.65 to 9.99mm; +/- 1% +0.04mm from 10 to 99.99mm; +/- 0.3% from 100 to 250mm
- Thickness measurement resolutions: .01" / 0.1mm and .001" / 0.01mm
- Working frequency range: 2.0 to 7.5 MHz
- Sound velocity measurement range: 37 to 373 miles/min (1000 to 9999 m/s)
- Auto power off after 2 minutes of inactivity
- Power source: 2 AAA batteries (included)
- Ultrasonic couplant
- Hard plastic carrying case
- 1 Year limited warranty



Order No.	Price
NB49UTEGEMTT2	Price

Vibration Meter



- Selectable units of in/s or mm/s for Velocity and ft/s squared or m/s squared for acceleration
- Remote vibration sensor on 39" (1m) cable
- Wide frequency range of 10Hz to 1kHz
- Max/min record values for later recall
- Data hold
- Auto power off
- RMS or peak value measurement
- Includes: Instructions, magnetic mount, hard case

Order No.	Price
NB49VB8201HA	Price

Carbon Monoxide Detector



- Adjustable CO warning level
- LCD dual digital display
- Bright backlight
- Self test
- Low battery indication
- Fahrenheit/Celsius selectable
- Auto power off
- Auto zero
- CO range: 0~999ppm
- Resolution: 1ppm
- 3AAA alkaline batteries, operation manual, wrist strap & carrying pouch

Order No.	Price
NB49DCO1001	Price

Portable Gas Leak Detector



- Highly sensitive wide range gas detector
- Detect methane, natural gases, coal gases, hexane, propane, ethane, butane, pentane, isopropyl alcohol, halogenation hydrocarbon, (methanol, ethanol, butanol) aether, ketone (butone, protone), hydrogen, toluene, and other compounds, (gasoline, industrial solvent, lacquer, refrigerant, sulfur dioxide, ammonia, sulfured hydrogen, acetic acid, etc)
- Quick response
- 3-Color leak indication
- LED & audio indication
- Gas concentration alarm
- Adjustable sensitivity
- Includes batteries

Order No.	Price
NB49NGD268	Price

Digital Moisture Meter



- Measures moisture content over the range 8% to 30%
- Built-in low battery indicator
- Decay condition direct
- Resolution: 0.1% moisture content
- Accuracy: ±2%
- Operating Temperature: 32 to 122°F (0 to 50°C)
- Operating Humidity: Less than 90% R.H.
- LCD with display
- Display will show the moisture content directly in "% moisture Content"
- Protective cover

Order No.	Price
NB49MMD4E	Price

Water Alarm



- Detects water leaks from plumbing & appliances
- Alarm sounds when water is detected
- Helps reduce water damage
- Low battery indicator
- Size: 4.3" x 4.3" x 1"
- Power: (1) 9V battery

Order No.	Price
NB49WA500	Price

GENERAL Three-Range Light Meter



- Has the range and accuaracy needed to make meaningful measurementsof indoor and outdoor light levels
- Measurement range: 0 to 200/2000/20,000 lux (0 to 20/200/2000 foot-candles)
- Measurement accuracy: +/- 3% of reading in two narrowest ranges; +/- 5% in reading of widest range
- Measurement resolution (max): 1ft-cd (10 lux)
- Probe cord length: 5 feet (1.5m)
- Power source: 9V battery (included)
- Includes: light probe with protective cover, battery, hard plastic carrying case
- Limited 1 year warranty

Order No.	Price
NB49DLM2000	Price

GENERAL Industrial Heat Index Monitor

- Displays heat index, temperature, humidity & dew point
- Outdoor monitoring
- Danger icon with audible beep
- Min/max memory with reset
- Data hold
- °F/°C
- Large digital display
- Auto off with low battery indicator
- Battery included



Order No.	Price
NB49SAM800IND	Price

GENERAL Contact/Non Contact Tachometer



- Measurement types: Rotation speed (RPM); Total revolutions (REV); Surface speed (I/M, M/M, Y/M, F/M) and Length (M, YD, FT)
- Non-contact RPM measurements up to 100cm from target
- Laser diode detection
- Laser sighting
- LCD display
- Auto power off
- 40 point memory: 10 selectable MAX, 10 selectable MIN, 10 selectable AVG, and 10 selectable DATA measurements
- Ultra low power consumption in shutdown mode 9V Battery, Cone adapter, Funnel adapter, Contact adapter, Master wheel (10cm)
- Reflective tape 0.59"x20.67" (15x525mm)
- Hard carrying case

Order No.	Price
NB49PCT900	Price

GENERAL Mini Digital Contact and Non-Contact Tachometer



- Auto range function
- Two operating buttons for easy use, low battery icon
- Auto power off
- Hold function
- Displays ft./min., meter/min., and yards/min
- Range: 10.0 to 99,999 RPM
- Power supply: AA battery (included)
- Sampling time: 1 second

Order No.	Price
NB49PCT2236	Price

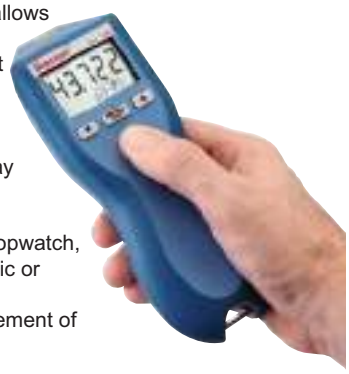
GENERAL Temperature Humidity Pen

- Humidity range: 5 to 95RH
- Temperature: 14° to 122°F
- Fast response
- High accuracy
- Auto power OFF (20 minutes)
- Memory (Min./Max.)
- °F/°C Switch
- On/Off switch
- Belt or pocket clip
- Reset switch
- Battery included



Order No.	Price
NB49PHT8708	Price

Starrett® Digital Tachometer



- Powerful 30-function tachometer allows up to 20,000 contact optical RPM or up to 100,000 RPM non-contact measurement
- Can measure in revs, inches, feet, yards, centimeters and meters
- Allows viewing of target and display simultaneously
- Totalizer acts as optical counter, accumulates input, operates as stopwatch, and can be used in either automatic or manual mode
- Ergonomic design makes measurement of speed and RPM safe and simple

Order No.	Price
MV7068930	Price

Tempil® Tempilstik® Temperature Indicating Sticks



- Stick instantly melts at desired temperature for easy and immediate inspection
- Calibration free with 100% reliability at +/- 1% of desired temperature
- Easy to use aluminum holder, imprinted part number and temperature on each stick

Temperature Range	Order No.	Price
66°C / 150°F	LH5228006	Price
93°C / 200°F	LH5228012	Price
149°C / 300°F	LH5228026	Price
149°C / 300°F	LH5228031	Price

Temperature Range	Order No.	Price
204°C / 400°F	LH5228035	Price
232°C / 450°F	LH5228039	Price
260°C / 500°F	LH5228043	Price
288°C / 550°F	LH5228045	Price

Digital Stem Thermometer

- °F/°C switch
- Data hold
- Stainless steel piercing probe
- Pocket clip
- Drop resistant
- Measurement range: -58° to 302°F (-50° to 150°C)
- Measurement accuracy: ±1.8°F (±1°C) from -22° to 302°F (-30° to 150°C); ±4°F (±2°C) elsewhere
- Response time: 0.5 seconds
- Probe length: 3.8”
- Auto power off after 1 hour of inactivity
- Power source 1 LR44 battery (included)



Order No.	Price
NB49HDT304K	Price

Tempil® Non-Contact Infrared Measurement Device

Model IRT-16



- Engineered to provide instant, superior accuracy and consistency in surface temperature measurement for a wide range of applications
- Lightweight and compact design
- Laser pointer with 16:1 distance to spot ratio
- 4 Digit blacklit dual display
- °C or °F selectable readout
- Min/Max/Ave and differential temperature mode available
- Built-in jack for K-type thermocouple probe to allow direct contact measurement

Description	Measurement Range	Order No.	Price
IRT16 Infrared Thermometer	-76°F(-60°C)-1157°F(-625°C)	**LH5224200**	Price
IRT16 Infrared Thermometer-NIST Certified	-76°F(-60°C)-1157°F(-625°C)	**LH5224202**	Price
K-Probe Thermocouple	-76°F(-60°C)-1157°F(-625°C)	**LH5224201**	Price

Heat Seeker™ 8:1 Mid-Range Infrared Thermometer



Features & Benefits:

- Rugged and ergonomic design
- Backlit LCD display
- Sighting laser can be turned off
- °F/°C selectable
- CE, RoHS, WEEE approved

Specifications:

- Distance to spot (D:S) Ratio: 8:1
- Measurement range: -4° to 604°F (-20° to 317°C)
- Measurement accuracy: ±4°F or 2% of reading, whichever is greater
- Emissivity: fixed at 0.95
- Resolution: 0.5°F / 0.5°C
- Operating temperature: 32° to 122°F (0° to 50°C) @ 10 to 90% RH
- Storage temperature: 14° to 140°F (-10° to 60°C)
- Dimensions: 6.14 x 3.95 x 1.26 in (156 x 100 x 32 mm)
- Weight: 6 oz (135g)
- Power source: (1) 9V battery (included)

Order No.	Price
NB49IRT206	Price

Tempil® ESTIK® Electronic Surface Thermometer

MADE IN THE USA

- Incorporated with the latest micro-thermocouple technology
- Advanced accuracy of +/- 2%
- Improves accuracy by eliminating errors due to reflection and other surface conditions
- Ergonomic hand grip with one-button operation
- Instant measurement read-out
- 3 Digit bright LED display
- Durable heat-resistant housing with rubberized grip
- °C or °F selectable readout



Description	Measurement Range	Order No.	Price
Estik Tempilstik Kit	32°F (0°C) to 999°F (537°C)	**LH5224290**	Price
Estik Tempilstik Kit-NIST Certified	32°F (0°C) to 999°F (537°C)	**LH5224251**	Price
Estik Thermocouple Band Replacement	-	**LH5224252**	Price

12:1 Wide-Range Infrared Thermometer

Features & Benefits:

- Sighting laser can be turned off
- Large 4-digit backlit LCD
- Selectable temperature unit
- Fast response time
- Auto power off
- CE, RoHS, WEEE approved

Specifications:

- Distance to spot (D:S) Ratio: 12:1
- Measurement range: -25° to 999°F (-32° to 535°C)
- Measurement accuracy: ±5°F (±3°C) from -25° to -4°F (-32° to -20°C); ±3°F (±2°C) from -4° to 212°F (-20° to 100°C); ±2°F from 212° to 999°F (100° to 535°C)
- Resolution: 0.1°F (0.1°C)
- Emissivity: fixed at 0.95
- Response time: 0.5 seconds
- Operating temperature: 32° to 122°F (0° to 50°C) @ 10 to 90% RH



- Auto power off after 6 seconds of inactivity
- Battery life: 16 hours
- Dimensions: 6.69 x 5.23 x 1.77 in (170 x 133 x 45 mm)
- Weight: 5.8 oz (163g)
- Power source: (1) 9V battery (included)
- Soft carrying case

Order No.	Price
NB49IRT650	Price

GENERAL Analog Multi-Meter

- Fuse & diode protected
- AC/DC volts to 500V
- 0-250mA Resistance
- 0-100 Ohms, 18 ranges
- Self-storing leads
- Dimensions: 4″ × 2.5″ × .75″
- Single knob function
- Battery included



Order No.	Price
NB49AM35UL	Price

GENERAL Digital Multimeter

True RMS

- With NCV detection and Lo-Z mode
- 19 Functions
- 48 Ranges
- Measures AC/DC voltage, AC/DC current, resistance, capacitance, frequency, duty cycle, continuity, diode integrity
- Maximum voltage resolution 10µV
- Overvoltage protection level 1000V
- Backlit dual readout LCD
- Auto power off after 30 minutes of non-use



Order No.	Price
NB49DMM570	Price

GENERAL Digital Multimeter

Auto Ranging

- CAT III 600V
- 8 Functions
- 25 Ranges
- Measures AC/DC voltage, AC/DC current, resistance, diode integrity
- Maximum voltage resolution 0.5mV
- Backlit LCD



Order No.	Price
NB49DMM45	Price

LANG CAT III Digital Multimeter Kit

- 600V AC/DC, 10A AC/DC
- 32MΩ resistance
- Frequency to 32kHz
- Continuity and diode test
- Temperature to 1400° F
- RPM for 1-8 cylinders
- Digital display and analog bargraph
- Protective rubber boot
- Tilt stand for hands-free operation
- Dual fuse protection
- Kit includes meter, temperature adapter, thermocoupler, inductive pickup, test leads, fabric pouch



Order No.	Price
KL4013803	108.11

LANG Digital Multimeter Kit

- Designed to withstand a 10' drop
- Measures 1000V DC 10A DC
- RPM, temperature, resistance, continuity, diode test
- Millisecond pulse width
- Frequency to 200kHz
- 10MΩ input impedence
- 250µs min/max recording
- Kit includes meter, inductive pickup, temperature probe, test leads, alligator clips, and fabric pouch



Order No.	Price
KL4013804	270.36

Santronics Voltage Testers

Ultimate AC Sensor

- Sense voltage without metallic contact
- Audible and visual
- 50-1000V AC



Order No.	Price
RX313000	Price

AC Sensor

- Sense voltage without metallic contact
- 50-1000V AC
- Visual only alert



Order No.	Price
RX313115	Price

Low AC Sensor

- Sense voltage without metallic contact
- 24-90V AC
- Visual only alert



Order No.	Price
RX313215	Price

DC Detector

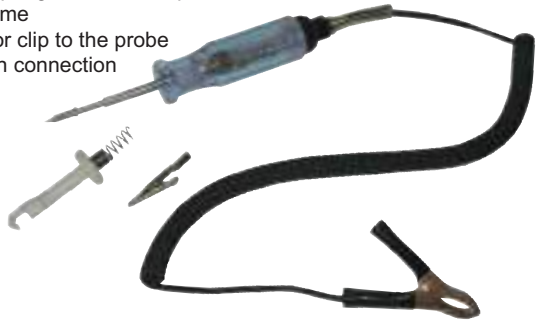
- 6-50V DC



Order No.	Price
RX313315	Price

Lisle Circuit Tester Kit

- Heavy duty tester signals with a light & buzzer
- Test low voltage up to 28 volts
- Finds electrical shorts, checks polarity, detects battery drain & checks circuits from a distance
- Heavy duty coil cord extends over 8 ft
- Detachable, spring-loaded hook pulls the center of the wire into the probe every time
- Attach alligator clip to the probe when a clip-on connection is needed



Order No.	Price
KN6528640	47.30

Lisle Low Circuit Tester

- Quick check both AC & DC current up to 28 volts with power on
- Helps locate shorts or breaks in wiring
- Complete with insulated grounding clip



Order No.	Price
KN6526250	7.65

STEELMAN PRO Thermal Leak Detector

- Infrared thermometer with 2-inch multicolor LDS screen that changes color to show fluctuations and help identify leaks
- Measures temperatures ranging from -40° F to 986° F (-40° C to 530° C)
- High accuracy thermal sensor measures temperature with less than 2% error range
- Distance spot ratio means you can get accurate measurements while remaining at a safe distance
- Automatic shutoff feature saves battery life when not in use
- Built-in laser so you know exactly where you're measuring
- Powered by a single 9-volt battery (included)



Order No.	Price
KE5379186	55.30

LANG Retractable Test Lead

- 2 x 10 Retractable
- Easily wind up into plastic housing



Order No.	Price
KL401140	16.61

General Screwdriver Tester

- Bright red LED
- Self-test
- AC voltage test 70 to 250VAC
- Continuity test
- Polarity check
- Checks fuses
- When tip is in contact with live (HOT) part of AC voltage, red LED lights
- Battery included



Order No.	Price
NB49ST600LED	Price

Lisle Circuit Tester Pliers

- Fits 16 gauge and smaller wire
- Safe for use on 12 volt automotive computer circuits
- Operating range of 6-28 volts, draws less than 19 mA. at 12 volts DC
- Dual probes and polarity indicator
- The 1st probe flips out enabling you to check hard-to reach connections and can be flipped back when not in use
- The 2nd probe with centering V design allows you to penetrate the center of the wire every time



Order No.	Price
KN6528850	27.35

VERSA-HOOK™

MADE IN THE USA

- Versatile hook on a heavy duty 2-1/2″ dia. magnet
- Great for blo-guns, hand tools, work lights and more
- Assembles up or down
- Patent pending



Order No.	Price
NL8020301	Price

GENERAL Digital Stop Watch

- Normal time shows: hour, minute, second, AM/PM indicator, month, date, day
- 12/24 Hour user selectable
- 1/100 Second chronograph
- 8 Recallable lap memories
- Count-down timer with one second ews



Order No.	Price
NB49SW269	Price

GENERAL 100 Minute Count-up & Count-down Timer

- Timer and stopwatch
- Count-down from 99:59
- Count-up to 99:59
- Displays min. and sec.
- Automatic memory
- Loud alarm
- Large display
- Includes: battery, magnet, stand & clip on back



Order No.	Price
NB49TI170	Price

GENERAL Count-up & Count-down Timer/Stopwatch

- Timer and stopwatch
- Displays hours, minutes and seconds
- Split & lap function
- Automatically counts-up after reaching zero
- Memory function
- Extra loud alarm
- Large display
- Power source: 1 “LR44” battery



Order No.	Price
NB49TI150	Price

GENERAL Temperature-Humidity Monitor With Clock

- Displays the ambient temperature above the relative humidity (RH) above the current or alarm time on a triple readout LCD
- 12/24 hour alarm clock with 8 minute snooze option
- °F/°C switch
- Flip-up stand for table or desk placement plus hanger hole for wall mounting
- Power source: AAA battery (included)
- Limited 1 year warranty



Order No.	Price
NB49DTH800	Price

GENERAL Digital 45° Read pH Pen

- Total push button operation
- Automatic calibration at the touch of a button
- Simultaneous displays pH and temperature
- °F or °C Temperature
- Replaceable pH electrode module
- Data hold, durable waterproof housing
- Auto power off & low battery indicator, handy pocket clip
- pH range: 0.00 to 14.00 pH
- 4 Digit LCD at an easy-to-read 45° angle
- Includes: carrying case & batteries



Order No.	Price
NB49DPH8690	Price

GENERAL Jumbo Display Wide Range Digital Light Meter

- 3-1/2″ digit LCD displays LUX, FC, low battery, MAX & HOLD indication
- Accurately displays light level in foot candles (FC) or LUX over a wide range
- Max hold and data hold
- Auto power off
- Range: 200, 2000, 20,000, 50,000 FC/LUX
- Accuracy: ±5% rdg ±10dgts (<10,000 FC/LUX)
- Accuracy: ±10% rdg ±10dgts (>10,000 FC/LUX)
- Resolution: 0.1 FC/LUX
- Power source: 1 “12-volt” battery included
- Weight: 5.6 oz.



Order No.	
NB49DLM1337	Price

Flexible & Wide Rigid Rules

- Made of the finest quality steel
- Hardened and tempered
- Satin chrome finish



Type - Flexible				
Length	Style	Width	Order No.	Price
6	3R	1/2	**MZ80006301**	Price
6	4R	1/2	**MZ80006401**	Price
6	5R	1/2	**MZ80006501**	Price
6	16R	1/2	**MZ80006161**	Price
6	D/M	1/2	**MZ80006561**	Price
6	E/M	1/2	**MZ80006261**	Price
12	3R	1/2	**MZ80012301**	Price
12	4R	1/2	**MZ80012401**	Price
12	5R	1/2	**MZ80012501**	Price
12	16R	1/2	**MZ80012161**	Price
12	D/M	1/2	**MZ80012561**	Price
12	E/M	1/2	**MZ80012261**	Price
18	3R	3/4	**MZ80018301**	Price
18	4R	3/4	**MZ80018401**	Price
18	5R	3/4	**MZ80018501**	Price
18	16R	3/4	**MZ80018161**	Price
18	D/M	3/4	**MZ80018561**	Price
18	E/M	3/4	**MZ80018261**	Price
24	3R	3/4	**MZ80024301**	Price
24	4R	3/4	**MZ80024401**	Price
24	5R	3/4	**MZ80024501**	Price
24	16R	3/4	**MZ80024161**	Price
24	D/M	3/4	**MZ80024561**	Price
24	E/M	3/4	**MZ80024261**	Price
150mm	Metric	1/2	**MZ80150751**	Price
300mm	Metric	1/2	**MZ80300751**	Price
450mm	Metric	3/4	**MZ80450751**	Price
600mm	Metric	3/4	**MZ80600751**	Price

Type - Wide Rigid				
Length	Style	Width	Order No.	Price
6	16R	3/4	**MZ80006162**	Price
6	3R	3/4	**MZ80006302**	Price
6	4R	3/4	**MZ80006402**	Price
6	5R	3/4	**MZ80006502**	Price
6	D/M	3/4	**MZ80006562**	Price
6	E/M	3/4	**MZ80006262**	Price
12	16R	1	**MZ80012162**	Price
12	3R	1	**MZ80012302**	Price
12	4R	1	**MZ80012402**	Price
12	5R	1	**MZ80012502**	Price
12	D/M	1	**MZ80012562**	Price
12	E/M	1	**MZ80012262**	Price
18	16R	1-1/8	**MZ80018162**	Price
18	3R	1-1/8	**MZ80018302**	Price
18	4R	1-1/8	**MZ80018402**	Price
18	5R	1-1/8	**MZ80018502**	Price
18	D/M	1-1/8	**MZ80018562**	Price
18	E/M	1-1/8	**MZ80018262**	Price
24	16R	1-1/8	**MZ80024162**	Price
24	3R	1-1/8	**MZ80024302**	Price
24	4R	1-1/8	**MZ80024402**	Price
24	5R	1-1/8	**MZ80024502**	Price
24	D/M	1-1/8	**MZ80024562**	Price
24	E/M	1-1/8	**MZ80024262**	Price
150mm	Metric	3/4	**MZ80150752**	Price
300mm	Metric	1	**MZ80300752**	Price
450mm	Metric	1-1/8	**MZ80450752**	Price
600mm	Metric	1-1/8	**MZ80600752**	Price

EZ Read Black Chrome Scales



Type - Flexible				
Size (in.)	Style	Width (in.)	Order No.	Price
6	3R	1/2	**NB35EZ63F**	Price
6	4R	1/2	**NB35EZ64F**	Price
6	5R	1/2	**NB35EZ65F**	Price
6	16R	1/2	**NB35EZ616F**	Price
6	E/M	1/2	**NB35EZ6EMF**	Price
12	4R	1/2	**NB35EZ124F**	Price
12	5R	1/2	**NB35EZ125F**	Price
12	16R	1/2	**NB35EZ1216F**	Price
12	E/M	1/2	**NB35EZ12EMF**	Price
18	4R	3/4	**NB35EZ184F**	Price
18	5R	3/4	**NB35EZ185F**	Price
18	16R	3/4	**NB35EZ1816F**	Price
24	4R	3/4	**NB35EZ244F**	Price
24	5R	3/4	**NB35EZ245F**	Price
24	16R	3/4	**NB35EZ2416F**	Price

Type - Wide Rigid				
Size (in.)	Style	Width (in.)	Order No.	Price
6	16R	3/4	**NB35EZ616C**	Price
6	3R	3/4	**NB35EZ63C**	Price
6	4R	3/4	**NB35EZ64C**	Price
6	5R	3/4	**NB35EZ65C**	Price
6	E/M	3/4	**NB35EZ6EMC**	Price
12	16R	1	**NB35EZ1216C**	Price
12	4R	1	**NB35EZ124C**	Price
12	5R	1	**NB35EZ125C**	Price
12	E/M	1	**NB35EZ12EMC**	Price
18	16R	1-1/8	**NB35EZ1816C**	Price
18	4R	1-1/8	**NB35EZ184C**	Price
18	5R	1-1/8	**NB35EZ185C**	Price
24	16R	1-1/8	**NB35EZ2416C**	Price
24	4R	1-1/8	**NB35EZ244C**	Price
24	5R	1-1/8	**NB35EZ245C**	Price

Graduation Chart

3R: 32nds, 64ths, 10ths, 50ths
4R: 8ths, 16ths, 32nds, 64ths
5R: 32nds, 64ths, 10ths, 100ths
16R: 32nds, 64ths, 50ths, 100ths
E/M: 32nds, 64ths, mm, 0.5mm
D/M: 10ths, 100ths, mm, 0.5mm
Metric: mm, 0.5mm, mm, 0.5mm

Hook Rules



Length (in.)	Style	Width (in.)	Order No.	Price
6	4R	3/4	**MZ80402H06**	Price
12	4R	1	**MZ80402H12**	Price
18	4R	1-1/8	**MZ80402H18**	Price
24	4R	1-1/8	**MZ80402H24**	Price

Magnet Rules



- High powered magnets set into rule for hands free use (magnet every 6″)
- Stick to top of tool box or side of machine
- Available in rigid style only

	4R		5R		E/M	
Size (in.)	Order No.	Price	Order No.	Price	Order No.	Price
6	**MZ80402006MG**	Price	**MZ80502006MG**	Price	**MZ80262006MG**	Price
12	**MZ80402012MG**	Price	**MZ80502012MG**	Price	**MZ80262012MG**	Price
18	**MZ80402018MG**	Price	**MZ80502018MG**	Price	**MZ80262018MG**	Price
24	**MZ80402024MG**	Price	**MZ80502024MG**	Price	**MZ80262024MG**	Price
36	**MZ80402036MG**	Price	**MZ80502036MG**	Price	**MZ80262036MG**	Price
48	**MZ80402048MG**	Price	**MZ80502048MG**	Price	**MZ80262048MG**	Price

Certified Steel Rules

- Includes certification for all ISO applications



Type - Flexible					
		4R		5R	
Size (in.)	Width (in.)	Order No.	Price	Order No.	Price
6	1/2	**MZ80401006CT**	Price	**MZ80501006CT**	Price
12	1/2	**MZ80401012CT**	Price	**MZ80501012CT**	Price
18	3/4	**MZ80401018CT**	Price	**MZ80501018CT**	Price
24	3/4	**MZ80401024CT**	Price	**MZ80501024CT**	Price
36	3/4	**MZ80401036CT**	Price	**MZ80501036CT**	Price
48	3/4	**MZ80401048CT**	Price	**MZ80501048CT**	Price

Type - Rigid					
		4R		5R	
Size (in.)	Width (in.)	Order No.	Price	Order No.	Price
6	3/4	**MZ80402006CT**	38.10	**MZ80502006CT**	38.10
12	1	**MZ80402012CT**	63.10	**MZ80502012CT**	63.10
18	1-1/8	**MZ80402018CT**	90.15	**MZ80502018CT**	90.15
24	1-1/8	**MZ80402024CT**	106.15	**MZ80502024CT**	106.15
36	1-1/4	**MZ80402036CT**	207.70	**MZ80502036CT**	207.70
48	1-1/4	**MZ80402048CT**	299.45	**MZ80502048CT**	299.45

Also available in E/M grad. To order use: MZ80-2610, then size (06, 12, 24 etc.) then, CT to order flexible models. To order rigid models use MZ80-2620, then size, then CT.
Example: 6" flexible certified rule with E/M graduation is MZ80-261006CT

Round End Rules



Length (in.)	Front Side	Width (in.)	Order No.	Price
6	32nds, 64ths	15/32	**MZ807202SS6†**	4.10
6	Metric and 64ths	15/32	**MZ807203SS6†**	4.10

†Equivalent chart on back.

Extra Long Steel Scales

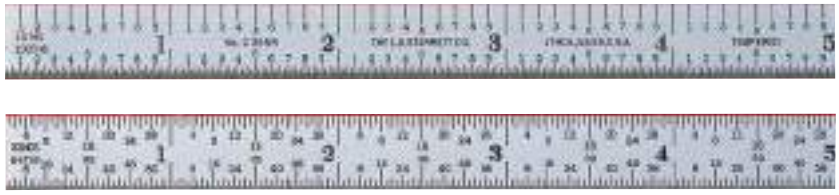


Size (in.)	Graduation	Approx. Width (in.)	Thickness	Order No.	Price
36	16R	1-1/4	.050	**MZ80300036**	Price
36	4R	1-1/4	.050	**MZ80300032**	Price
36	5R	1-1/4	.050	**MZ80300034**	Price
48	16R	1-1/4	.050	**MZ80300042**	Price
48	4R	1-1/4	.050	**MZ80300038**	Price
48	5R	1-1/4	.050	**MZ80300040**	Price

Starrett® Steel Rules

- 4 Styles available Full-Flex (1/64th thick) Semi-Flex (1/50th thick) Spring-Tempered (3/64th thick)
- 2 Hook styles available - adjustable hook and adjustable double hook
- Staggered graduation
- All rules are machine divided and tempered for accuracy and long wear
- Rule Graduation
  - 3R: 1/32, 1/64, 1/10 and 1/50ths
  - 4R: 1/8, 1/16, 1/32, and 1/64ths
  - 5R: 1/32, 1/64, 1/10, and 1/100ths
  - 16R: 1/32, 1/64, 1/50 and 1/100ths
  - 30: 1/2mm one side, mm 1/2mm other
  - 31: 1/32, 1/64, 1/2mm
  - 34: mm, 1/2mm. 10ths. 50ths
  - 35/37: mm, 1/2mm both sides (E-mm End)
  - 36: 1/32, 1/2mm, 1/64, mm

MADE IN THE USA



Type - Chrome Single Hook Scale

Size (in./mm)	Graduation	Width (in.)	Order No.	Price
6	4R	3/4	**MV7052673**	Price
12	4R	1	**MV7052674**	Price
18	4R	1-1/8	**MV7052675**	Price
24	4R	1-1/4	**MV7052676**	Price
36	4R	1-1/4	**MV7052677**	Price

Type - Double Hook Scales (Regular Finish)

Size (in./mm)	Graduation	Width (in.)	Order No.	Price
6	4R	3/4	**MV7052662**	Price
12	4R	1	**MV7052664**	Price

Type - Full-Flexible

Size (in./mm)	Graduation	Width (in.)	Order No.	Price
6 x 150mm	31	1/2	**MV7051331**	Price
6 x 150mm	34	1/2	**MV7056262**	Price
11-3/4 x 300mm	31	1/2	**MV7051332**	Price
11-3/4 x 300mm	34	1/2	**MV7056696**	Price
19-1/2 x 500mm	34	3/4	**MV7056697**	Price
150mm	30	1/2	**MV7051329**	Price
300mm	30	1/2	**MV7051330**	Price

Type - Heavy Spring Tempered Chrome Scale

Size (in./mm)	Graduation	Width (in.)	Order No.	Price
24	4R	1-1/4	**MV7051484**	Price
24	16R	1-1/4	**MV7051509**	Price
36	4R	1-1/2	**MV7051485**	Price
36	16R	1-1/2	**MV7051510**	Price
48	4R	1-1/2	**MV7051486**	Price
48	16R	1-1/2	**MV7051511**	Price
72	4R	1-1/2	**MV7051488**	Price
72	16R	1-1/2	**MV7051513**	Price

Type - Heavy Spring Tempered Chrome Scale with Certification

Size (in./mm)	Graduation	Width (in.)	Order No.	Price
36	4R	1-1/2	**MV7066888**	Price
48	4R	1-1/2	**MV7066889**	Price

Type - Satin Chrome Finish Flexible Steel Rule

Size (in./mm)	Graduation	Width (in.)	Order No.	Price
6	3R	1/2	**MV7051334**	Price
6	4R	1/2	**MV7066008**	Price
6	5R	1/2	**MV7051347**	Price
6	6R	1/2	**MV7051352**	Price
6	9R	1/2	**MV7051357**	Price
6	16R	1/2	**MV7051374**	Price
12	4R	1/2	**MV7066009**	Price
12	5R	1/2	**MV7051348**	Price
12	16R	1/2	**MV7051375**	Price
18	5R	3/4	**MV7051349**	Price
18	16R	3/4	**MV7051376**	Price
24	4R	3/4	**MV7056645**	Price
24	5R	3/4	**MV7051350**	Price
24	16R	3/4	**MV7051377**	Price

Type - Satin Chrome Finish Flexible Steel Rule with Certification

Size (in./mm)	Graduation	Width (in.)	Order No.	Price
6	5R	1/2	**MV7066880**	Price
12	5R	1/2	**MV7066881**	Price

Type - Satin Chrome Finish Semi-Flexible Steel Rule

Size (in./mm)	Graduation	Width (in.)	Order No.	Price
6	3R	3/4	**MV7051335**	Price
12	3R	3/4	**MV7051336**	Price
24	3R	1	**MV7051338**	Price
6	4R	3/4	**MV7051343**	Price
12	4R	3/4	**MV7051344**	Price

Type - Semi-Flexible

Size (in./mm)	Graduation	Width (in.)	Order No.	Price
300mm	35	1	**MV7056048**	Price

Type - Spring Tempered Chrome Scale

Size (in./mm)	Graduation	Width (in.)	Order No.	Price
6	4R	3/4	**MV7052678**	Price
6	6R	3/4	**MV7052652**	Price
6	16R	3/4	**MV7052701**	Price
12	4R	1	**MV7052679**	Price
12	16R	1	**MV7052702**	Price
18	4R	1-1/8	**MV7052680**	Price
24	4R	1-1/4	**MV7052681**	Price
36	4R	1-1/4	**MV7052682**	Price
48	4R	1-1/4	**MV7052683**	Price

Type - Spring Tempered Chrome Scale with Certification

Size (in./mm)	Graduation	Width (in.)	Order No.	Price
6	4R	3/4	**MV7066884**	Price
12	4R	1	**MV7066885**	Price
18	4R	1-1/8	**MV7066886**	Price
24	4R	1-1/4	**MV7066887**	Price

Type - Spring-Tempered

Size (in./mm)	Graduation	Width (in.)	Order No.	Price
5-3/4 x 150mm	36	3/4	**MV7052634**	Price
6 x 150mm	36	3/4	**MV7057064**	Price
11-3/4 x 300mm	36	1	**MV7052635**	Price
150mm	35	3/4	**MV7052630**	Price
150mm	35E	3/4	**MV7055968**	Price
150mm	37	3/4	**MV7056049**	Price
300mm	35	1	**MV7052631**	Price
500mm	35	1-1/8	**MV7052632**	Price
1000mm	35	1-1/4	**MV7052633**	Price

Type - Spring-Tempered with Certification

Size (in./mm)	Graduation	Width (in.)	Order No.	Price
5-3/4 x 150mm	36	3/4	**MV7066890**	Price
11-3/4 x 300mm	36	1	**MV7066891**	Price
150mm	35	3/4	**MV7066893**	Price
300mm	35	1	**MV7066894**	Price

Mitutoyo Precision Scales

- Hardened & tempered
- Satin chrome finish



Type - Full Flexible Rules			
Size (in.)	Width (in.)	Order No.	Price
6 (3R)	1/2	**MT80182-204**	Price
6 (4R)	1/2	**MT80182-201**	Price
6 (5R)	1/2	**MT80182-203**	Price
6 (16R)	1/2	**MT80182-202**	Price
6 x 150mm	1/2	**MT80182-205†**	Price
6 x 150mm	1/2	**MT80182-206•**	Price
6 x 150mm	1/2	**MT80182-207♦**	Price
6 x 150mm	1/2	**MT80182-208‡**	Price
150mm	1/2	**MT80182-211♦**	Price
12 (3R)	1/2	**MT80182-224**	Price
12 (4R)	1/2	**MT80182-221**	Price
12 (5R)	1/2	**MT80182-223**	Price
12 (16R)	1/2	**MT80182-222**	Price
12 x 300mm	1/2	**MT80182-225†**	Price
12 x 300mm	1/2	**MT80182-226•**	Price
300mm	1/2	**MT80182-231♦**	Price
18 (4R)	3/4	**MT80182-141**	Price
18 (5R)	3/4	**MT80182-243**	Price
18 (16R)	3/4	**MT80182-242**	Price
18 x 450mm	3/4	**MT80182-245†**	Price
450mm	3/4	**MT80182-251♦**	Price
24 (3R)	3/4	**MT80182-264**	Price
24 (4R)	3/4	**MT80182-261**	Price
24 (5R)	3/4	**MT80182-263**	Price
24 (16R)	3/4	**MT80182-262**	Price
24 x 600mm	3/4	**MT80182-265†**	Price
60mm	3/4	**MT80182-271♦**	Price

Type - Wide Rigid Rules			
Size (in.)	Width (in.)	Order No.	Price
6 (3R)	3/4	**MT80182-104**	Price
6 (4R)	3/4	**MT80182-101**	Price
6 (5R)	3/4	**MT80182-103**	Price
6 (16R)	3/4	**MT80182-102**	Price
6 x 150mm	3/4	**MT80182-105†**	Price
6 x 150mm	3/4	**MT80182-106•**	Price
6 x 150mm	3/4	**MT80182-107♦**	Price
6 x 150mm	3/4	**MT80182-108‡**	Price
150mm	3/4	**MT80182-111♦**	Price
12 (3R)	1	**MT80182-124**	Price
12 (4R)	1	**MT80182-121**	Price
12 (5R)	1	**MT80182-123**	Price
12 (16R)	1	**MT80182-122**	Price
12 x 300mm	1	**MT80182-125†**	Price
12 x 300mm	1	**MT80182-126•**	Price
300mm	1	**MT80182-131♦**	Price
18 (3R)	1-3/16	**MT80182-144**	Price
18 (4R)	1-3/16	**MT80182-241**	Price
18 (5R)	1-3/16	**MT80182-143**	Price
18 (16R)	1-3/16	**MT80182-142**	Price
18 x 450mm	1-3/16	**MT80182-145†**	Price
450mm	1-3/16	**MT80182-151♦**	Price
24 (4R)	1-3/16	**MT80182-161**	Price
24 (5R)	1-3/16	**MT80182-163**	Price
24 (16R)	1-3/16	**MT80182-162**	Price
24 x 600mm	1-3/16	**MT80182-165†**	Price
60mm	1-3/16	**MT80182-171♦**	Price

†, •, ‡, ♦ - See Graduation Chart

Graduation Chart

Inch			Metric		
Graduation	One Side	Opposite Side	Graduation	One Side	Opposite Side
3R	1/32-1/64	1/10-1/50	mm only †	1mm–1/2mm	1mm–1/2mm
4R	1/16-1/8	1/32-1/64	em ★	1/32-1/64	1/2mm–1mm
5R	1/32-1/64	1/10-1/100	em ♦	1/10-1/100	1/2mm–1mm
16R	1/32-1/64	1/50-1/100	em ‡	1/10-1/50	1/2mm–1mm
			em •	1/50-1/100	1/2mm–1mm

Starrett 6" Rule Cases with Clip

MADE IN THE USA

- Leather-like case with pocket clip for 6″ steel rules
- Rounded metal-bound edges prevent pocket from becoming worn and torn by rule corners



Starret No.	Description	Order No.	Price
1612	for 1/2" wide ruler	**MV7055433**	Price
1634	for 3/4" wide ruler	**MV7055434**	Price

INSIZE Ruler

- 6”/150mm
- Graduations 1/64, 1/32, 1/16, 0.5mm, 1mm
- Stainless steel
- Non-glare surface



Order No.	Price
SZ207110150	Price

Mitutoyo Pocket Steel Rule with Clip

- 6″ × 150mm
- 1/64 & 1mm Graduation



Order No.	Price
MT80950-300	Price

GENERAL 6" Flexible Economy Steel Rules - Stainless Steel and Satin Chrome

- Precision made, with etched fine black graduations
- Stainless steel or satin chrome finish



Type - Satin Chrome Finish Precision Rules					
Size (in./mm)	Side 1	Side 2	Width (in.)	Order No.	Price
6	10ths, 100ths	32nds, 64ths	15/32	**NE50CF616**	Price

Type - Stainless Steel Flexible Rule					
Size (in./mm)	Side 1	Side 2	Width (in.)	Order No.	Price
6	1mm, 16ths	-	15/32	**NE50305ME**	Price
6	32nds, 64ths	-	1/4	**NE503011†**	Price
6	32nds, 64ths	Dec. Equiv.	15/32	**NE503001†**	Price
6	8ths, 16ths	w/32nds End Grad.	3/4	**NE50307**	Price
6	32nds, 64ths	Dec. Equiv.	3/4	**NE50308**	Price
150mm	1mm, .5mm	-	15/32	**NE50300MM†**	Price
6 x 150mm	1mm, 64ths	Metric Equiv.	15/32	**NE50300ME†**	Price

PROCHECK PREMIUM 2 Pc. Combination Square Set

- Cast & ground square
- Hardened and tempered satin chrome ruler
- Graduated in 8ths, 16ths, 32nds and 64ths
- Protractor moves 180° in both directions
- Square / miter head features a level vial and a hardened scribe tool
- Fitted case included
- 1 Year Warranty



Order No.	Price
PC23CS1224	Price

PROCHECK PREMIUM 4 Pc. 12" Combination Square Set

- Precision cast & ground square, center and protractor
- Hardened and tempered satin chrome ruler
- Graduated in 8ths, 16ths, 32nds and 64ths
- Protractor moves 180° in both directions
- Square/miter head features a level vial and a hardened scribe tool
- Fitted case included
- 1 Year Warranty



Order No.	Price
PC23CS1244	Price

PROCHECK PREMIUM Combination Square Heads

- Precision cast & ground centre head
- 1 Year Warranty



Head	Order No.	Price
Center	**PC23CH12**	Price
Square	**PC23SH12**	Price

PROCHECK PREMIUM 12" Combination Square Protractor Head

- Precision cast & ground
- Protractor head moves 180° in both directions
- 1 Year Warranty



Order No.	Price
PC23PH12	Price

PROCHECK Combination Square Blades - 4R

- Hardened and tempered satin chrome ruler
- Graduated in 8ths, 16ths, 32nds and 64ths



Size (in.)	Order No.	Price
12	**PC23B124C**	Price
18	**PC23B184C**	Price
24	**PC23B244C**	Price

PROCHECK PREMIUM 6" Combination Squares

- Fully hardened and tempered steel blade
- Satin chrome finish
- Etched, machine divided 4R graduations - 8ths, 16ths, 32nds and 64ths
- Fitted case
- 1 Year Warranty



Includes	Order No.	Price
4R Blade	**PC23CS0624**	Price
4R Blade, Center Head	**PC23CS0634**	Price

PROCHECK PREMIUM Double Squares with 4R Chrome

- Blades: Heavy duty hardened, precision ground satin chrome
- Easy to read marked increments
- Made to US Standard Accuracy and Squareness
- Comes with storage case with foam insert
- 1 Year Warranty



Size (in.)	Fits	Order No.	Price
4	2-1/2" Base	**PC23DS44**	Price
6	3-3/4" Base	**PC23DS64**	Price

PROCHECK PREMIUM 4" & 6" Precision Double Square Set

- 4” 4R blade with 2.5” base
- 6” 4R blade with 3.75” base
- Blades: Heavy duty hardened, precision ground satin chrome blade
- Easy to read marked increments
- Made to US Standard Accuracy and Squareness
- Comes with storage case with foam insert
- 1 Year Warranty



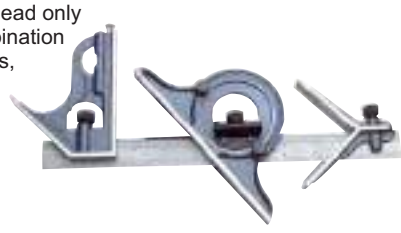
Order No.	Price
PC23DSS46	Price

PROCHECK 12" Combination Square Sets

Sets consist of:

- 4 Pc set: 12” blade, square head, center head and protractor head
- 3 Pc set: 12” blade, square head and center head
- 2 Pc set: 12” blade, square head only

All sets supplied with 12” combination square blade, graduated in 8ths, 16ths, 32nds and 64ths



Pieces Per Set	Order No.	Price
2 Pcs.	**NB60CS122**	Price
3 Pcs.	**NB60CS123**	Price
4 Pcs.	**NB60CS124**	Price

PROCHECK Double Square

- Used for precision layout work
- All blades are hardened and tempered with easy to read markings



Size	Graduation	Order No.	Price
4	4R (8ths, 16ths, 32nds & 64ths)	**NB60DS404R**	Price
4	16R (32nds, 64ths, 50ths, 100ths)	**NB60DS416R**	Price
4	E/M (0.5mm, 32nds, mm, 64ths)	**NB60DS4EM**	Price
6	4R (8ths, 16ths, 32nds & 64ths)	**NB60DS604R**	Price
6	16R (32nds, 64ths, 50ths, 100ths)	**NB60DS616R**	Price
6	E/M (0.5mm, 32nds, mm, 64ths)	**NB60DS6EM**	Price
100mm	Metric (mm, 0.5mm both sides)	**NB60DS100FM**	Price
150mm	Metric (mm, 0.5mm both sides)	**NB60DS150FM**	Price

2 Pc. Combination Square Sets

- Contains square head and blade



MADE IN THE USA

Blade Length	Graduation	Cast Iron		Hardened	
		Order No.	Price	Order No.	Price
12	4R	**NB40S12112**	Price	**NB40H12112**	Price
12	16R	**NB40S14112**	Price	**NB40H14112**	Price

3 Pc. Combination Square Sets

- Contains square head, center head and blade

MADE IN THE USA



Blade Length	Graduation	Cast Iron		Hardened	
		Order No.	Price	Order No.	Price
12	4R	**NB40S12212**	Price	**NB40H12212**	Price
12	16R	**NB40S14212**	Price	**NB40H14212**	Price
18	4R	**NB40S12218**	Price	**NB40H12218**	Price
18	16R	**NB40S14218**	Price	**NB40H14218**	Price
24	4R	**NB40S12224**	Price	**NB40H12224**	Price
24	16R	**NB40S14224**	Price	**NB40H14224**	Price

4 Pc. Combination Square Sets

MADE IN THE USA

- Hardened sets contain square head, center head, reversible protractor and blade



Blade Length	Graduation	Order No.	Price
12	-	**NB40H11812**	Price
12	16R	**NB40H11612**	Price
12	E/M	**NB40H12712**	Price
12	Metric	**NB40H12812**	Price
18	4R	**NB40H11818**	Price
18	16R	**NB40H11618**	Price
-	-	**NB40H11824**	Price
24	16R	**NB40H11624**	Price

Combination Square Components

MADE IN THE USA

Size	Description	Assembly		Cast Iron		Hardened	
		Order No.	Price	Order No.	Price	Order No.	Price
6	Center Head	-	-	**NB40S122B**	Price	**NB40H122B**	Price
6	Locking Device for 6" Square & Center Heads	**NB40006LB**	Price	-	-	-	-
6	Square Head	-	-	**NB40S121B**	Price	**NB40H121B**	Price
12	Center Head	-	-	**NB40S122A**	Price	**NB40H122A**	Price
12	Locking Device for 12" Square & Center Heads	**NB40012LB**	Price	-	-	-	-
12	Reversible Protractor Head	-	-	**NB40S188A**	Price	-	-
12	Square Head	-	-	**NB40S121A**	Price	**NB40H121A**	Price



NB40S188A



NB40S121A



NB40S122A

Double Squares

MADE IN THE USA



Length	Graduations	Order No.	Price
4	4R (8ths, 16ths, 32nds, 64ths)	**NB40S1044**	Price
4	16R (32nds, 64ths, 50ths, 100ths)	**NB40S10416**	Price
4	E/M (0.5mm, 32nds, mm, 64ths)	**NB40S104EM**	Price
6	4R (8ths, 16ths, 32nds, 64ths)	**NB40S1054**	Price
6	16R (32nds, 64ths, 50ths, 100ths)	**NB40S10516**	Price
6	E/M (0.5mm, 32nds, mm, 64ths)	**NB40S105EM**	Price
100mm	Metric (mm, 0.5mm both sides)	**NB40S104MM**	Price
150mm	Metric (mm, 0.5mm both sides)	**NB40S105MM**	Price

Combination Square Blades

MADE IN THE USA



Length	Graduation	Order No.	Price
6	4R	**NB40B181**	Price
6	16R	**NB40B182**	Price
6	E/M	**NB40B183**	Price
12	4R	**NB40B185**	Price
12	16R	**NB40B186**	Price
12	E/M	**NB40B187**	Price
18	4R	**NB40B189**	Price
18	16R	**NB40B190**	Price
18	E/M	**NB40B193**	Price
24	4R	**NB40B191**	Price
24	16R	**NB40B192**	Price
24	E/M	**NB40B194**	Price
150mm	Metric	**NB40B184**	Price
300mm	Metric	**NB40B188**	Price
450mm	Metric	**NB40B195**	Price
600mm	Metric	**NB40B196**	Price

6" Combination Square Sets

MADE IN THE USA



Length	Graduation	Description	Cast Iron		Hardened	
			Order No.	Price	Order No.	Price
6	4R	2 Piece	**NB40S1216**	Price	**NB40H1216**	Price
6	4R	3 Piece	**NB40S1226**	Price	**NB40H1226**	Price
6	16R	2 Piece	**NB40S1416**	Price	**NB40H1416**	Price
6	16R	3 Piece	**NB40S1426**	Price	**NB40H1426**	Price
6	E/M	2 Piece	**NB40S1446**	Price	**NB40H1446**	Price
6	E/M	3 Piece	**NB40S1246**	Price	**NB40H1246**	Price
150mm	Metric	2 Piece	**NB40S1456**	Price	**NB40H1456**	Price
150mm	Metric	3 Piece	**NB40S1256**	Price	**NB40H1256**	Price

Starrett® 2 Pc. Combination Squares with Square Head & Blade

- Reversible lock bolts
- Spirit level in square & protractor head
- Tempered steel machine divided blade
- Direct reading 180° protractor scale

MADE IN THE USA



Size	Grad.	Blade Finish	Cast Head Black Wrinkle Finish		Forged & Hardened Head Smooth Black Enamel Finish	
			Order No.	Price	Order No.	Price
6	4R	Chrome	**MV7056362**	Price	**MV7056392**	Price
6	4R	Regular	**MV7050051**	Price	**MV7050205**	Price
6	16R	Chrome	**MV7056364**	Price	**MV7056394**	Price
6	16R	Regular	**MV7050053**	Price	**MV7050207**	Price
12	4R	Chrome	**MV7056366**	Price	**MV7056396**	Price
12	4R	Regular	**MV7050055**	Price	**MV7050209**	Price
12	16R	Chrome	**MV7056368**	Price	**MV7056398**	Price
12	16R	Regular	**MV7050057**	Price	**MV7050211**	Price
18	4R	Chrome	**MV7056370**	Price	**MV7056400**	Price
18	4R	Regular	**MV7050059**	Price	**MV7050213**	Price
18	16R	Chrome	**MV7056372**	Price	**MV7056402**	Price
18	16R	Regular	**MV7050061**	Price	**MV7050215**	Price
24	4R	Chrome	**MV7056374**	Price	**MV7056404**	Price
24	4R	Regular	**MV7050063**	Price	**MV7050217**	Price
24	16R	Chrome	**MV7056376**	Price	**MV7056406**	Price
24	16R	Regular	**MV7050065**	Price	**MV7050219**	Price

Starrett® 3 Pc. Combination Squares with Square Head, Center Head & Blade

- Reversible lock bolts
- Spirit level in square & protractor head
- Tempered steel machine divided blade
- Direct reading 180° protractor scale

MADE IN THE USA



Size	Grad.	Blade Finish	Cast Head Black Wrinkle Finish		Forged & Hardened Head Smooth Black Enamel Finish	
			Order No.	Price	Order No.	Price
6	4R	Chrome	**MV7056363**	Price	**MV7056393**	Price
6	4R	Regular	**MV7050052**	Price	**MV7050206**	Price
6	16R	Chrome	**MV7056365**	Price	**MV7056395**	Price
6	16R	Regular	**MV7050054**	Price	**MV7050208**	Price
12	4R	Chrome	**MV7056367**	Price	**MV7056397**	Price
12	4R	Regular	**MV7050056**	Price	**MV7050210**	Price
12	16R	Chrome	**MV7056369**	Price	**MV7056399**	Price
12	16R	Regular	**MV7050058**	Price	**MV7050212**	Price
18	4R	Chrome	**MV7056371**	Price	**MV7056401**	Price
18	4R	Regular	**MV7050060**	Price	**MV7050214**	Price
18	16R	Chrome	**MV7056373**	Price	**MV7056403**	Price
18	16R	Regular	**MV7050062**	Price	**MV7050216**	Price
24	4R	Chrome	**MV7056375**	Price	**MV7056405**	Price
24	4R	Regular	**MV7050064**	Price	**MV7050218**	Price
24	16R	Chrome	**MV7056377**	Price	**MV7056407**	Price
24	16R	Regular	**MV7050066**	Price	**MV7050220**	Price

Starrett® 2 Pc. Combination Squares with Square Head & Blade

with Standard Letter of Certification

MADE IN THE USA

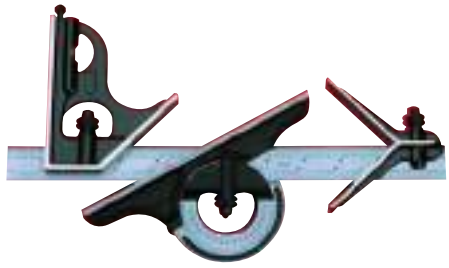


Size	Grad.	Blade Finish	Cast Head Black Wrinkle Finish		Forged & Hardened Head Smooth Black Enamel Finish	
			Order No.	Price	Order No.	Price
12	4R	Chrome	**MV7066896**	Price	**MV7066897**	Price

Starrett® 4 Pc. Combination Squares with Square Head, Center Head, Protractor Heads & Blade

- Reversible lock bolts
- Spirit level in square & protractor head
- Tempered steel machine divided blade
- Direct reading 180° protractor scale

MADE IN THE USA



Head - Cast Head Black Wrinkle Finish				
Size	Grad.	Blade Finish	Order No.	Price
12	4R	Regular	**MV7051556**	Price
12	16R	Regular	**MV7051557**	Price

Head - Forged & Hardened Head Smooth Black Enamel Finish				
Size	Grad.	Blade Finish	Order No.	Price
12	4R	Chrome	**MV7051548**	Price
12	16R	Chrome	**MV7051549**	Price
18	4R	Chrome	**MV7051550**	Price
18	4R	Regular	**MV7051544**	Price
12	16R	Regular	**MV7051543**	Price
12	4R	Regular	**MV7051542**	Price

Head - Non-Reversing Protractor Head available in Cast Iron Heads only.				
Size	Grad.	Blade Finish	Order No.	Price
12	4R	Chrome	**MV7050046**	Price
12	4R	Regular	**MV7050042**	Price

Graduation Chart

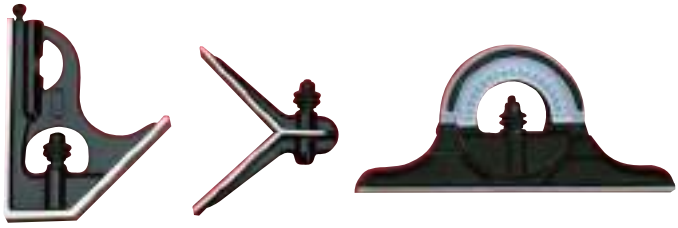
3R: 32nds, 64ths, 10ths, 50ths
4R: 8ths, 16ths, 32nds, 64ths
5R: 32nds, 64ths, 10ths, 100ths
16R: 32nds, 64ths, 50ths, 100ths

E/M: 32nds, 64ths, mm, 0.5mm
D/M: 10ths, 100ths, mm, 0.5mm
Metric: mm, 0.5mm, mm, 0.5mm

Starrett® Combination Square Components

MADE IN THE USA

- Square heads, center heads and protractor heads only for combination squares, combination sets and bevel protractors



Type - Center Head				
Size	Starrett No.	Head	Order No.	Price
4	C11-4	Cast Black Wrinkle Finish	**MV7050072**	Price
4	C33-4	Forged and Hardened Smooth Black Enamel Finish	**MV7050226**	Price
6	C11-6	Cast Black Wrinkle Finish	**MV7050073**	Price
6	C33-6	Forged and Hardened Smooth Black Enamel Finish	**MV7050227**	Price
12, 18, 24"	C11-1224	Cast Black Wrinkle Finish	**MV7050074**	Price
12, 18, 24"	C33-1224	Forged and Hardened Smooth Black Enamel Finish	**MV7050228**	Price

Type - Non Reversible Protractor Head				
Size	Starrett No.	Head	Order No.	Price
12, 18, 24"	PNR1224W	Cast Black Wrinkle Finish	**MV7050107**	Price

Type - Reversible Protractor Head				
Size	Starrett No.	Head	Order No.	Price
12, 18, 24"	PR-1224S	Smooth Black Enamel Finish	**MV7052515**	Price
12, 18, 24"	PR-1224W	Cast Black Wrinkle Finish	**MV7052525**	Price

Type - Square Head				
Size	Starrett No.	Head	Order No.	Price
4	H11-4	Cast Black Wrinkle Finish	**MV7050069**	Price
4	H33-4	Forged and Hardened Smooth Black Enamel Finish	**MV7050223**	Price
6	H11-6	Cast Black Wrinkle Finish	**MV7050070**	Price
6	H33-6	Forged and Hardened Smooth Black Enamel Finish	**MV7050224**	Price
12, 18, 24"	H11-1224	Cast Black Wrinkle Finish	**MV7050071**	Price
12, 18, 24"	H33-1224	Forged and Hardened Smooth Black Enamel Finish	**MV7050225**	Price

Starrett® Blades

MADE IN THE USA

Only for Combination Squares, Sets and Bevel Protractors.

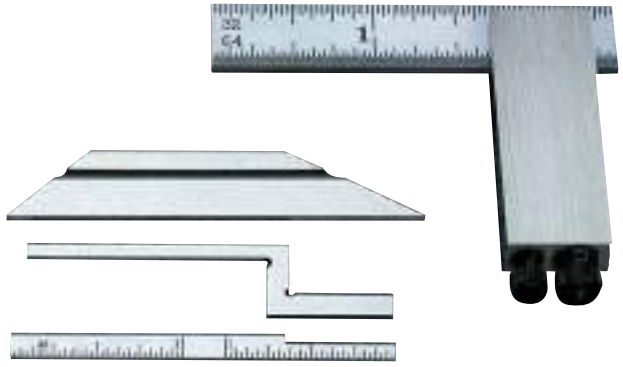


Size	Graduation	Blade Finish	Order No.	Price
4	4R	Chrome	**MV7050077**	Price
4	16R	Chrome	**MV7050078**	Price
4	4R	Regular	**MV7050076**	Price
6	4R	Chrome	**MV7050080**	Price
6	4R	Regular	**MV7050079**	Price
6	16R	Chrome	**MV7050082**	Price
6	16R	Regular	**MV7050081**	Price
12	4R	Chrome	**MV7050084**	Price
12	4R	Regular	**MV7050083**	Price
12	6R	Chrome	**MV7050085**	Price
12	16R	Chrome	**MV7050087**	Price
12	16R	Regular	**MV7050086**	Price
18	4R	Chrome	**MV7050089**	Price
18	4R	Regular	**MV7050088**	Price
18	16R	Chrome	**MV7050091**	Price
18	16R	Regular	**MV7050090**	Price
24	4R	Regular	**MV7050092**	Price
24	4R	Chrome	**MV7050093**	Price
24	6R	Chrome	**MV7050094**	Price
24	16R	Chrome	**MV7050096**	Price
24	16R	Regular	**MV7050095**	Price

Additional square heads, center heads and protractor heads available. 36" and 48" blade available. Call with your requirements.

Starrett® Die Makers' Squares

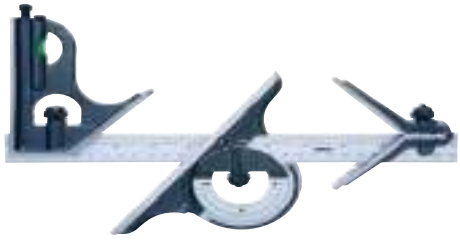
- Larger knurled thumb screw locks sliding blades at any position, and smaller one tilts blades at angle; to set blades, release blade clamp screw, and tilt blade to desired angle by turning small knurled screw
- Blade held in position by tightening clamping screw
- Head and blades are hardened and ground
- Offset blade, used where it would be impossible to sight straight blade, protrudes from square about 1-1/2" and is 1/8" wide
- Both sides of each edge are beveled to give line contact



LSS No.	Size (in.)	Graduations	Order No.	Price
453A	2-1/2	32nds, 64ths	**MV7052345**	Price
453C	2-1/2	32nds, 64ths	**MV7052347**	Price
453E	2-1/2	32nds, 64ths	**MV7052349**	Price
453EZ	2-1/2	32nds, 64ths	**MV7052351**	Price

INSIZE Combination Square Set

- Graduation 1/8ths, 1/16ths, 1/32nds 1/64ths (4R)
- Can be used to measure angles 0-180°
- Includes center head, protractor head, square head, and rule



Model No.	Order No.	Price
2278-180E	**SZ202278180E**	Price

Mitutoyo Combination Square Sets

- 4R Graduation: 1/8”, 1/16”, 1/32”, 1/64”
- 16R Graduation: 1/32”, 1/64”, 1/50”, 1/100



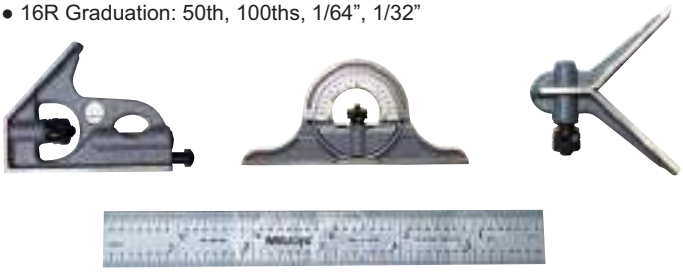
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Description - [[NULL]]				
Type	**Head**	**Blade**	**Order No.**	**Price**
3 Piece Combination Square Set	Square Head, Center Head	12", 4R Blade	**MT80180-903B**	Price

Description - 12” 16R Graduation Regular Blade 4 Piece Combinatioin Square Set				
Type	**Head**	**Blade**	**Order No.**	**Price**
4 Piece Combination Square Set	Square Head, Center Head, Protractor Head	12", 16R Blade	**MT80180-906B**	Price

Mitutoyo Combination Square Components

- 4R Graduation: 1/64”, 1/32”, 1/16”, 1/8”
- 16R Graduation: 50th, 100ths, 1/64”, 1/32”



Description - Blade Only			
Size	**Graduation**	**Order No.**	**Price**
6"	16R	**MT80180-402U**	Price
12"	Inch/mm	**MT80180-503B**	Price
18	16R	**MT80180-702U**	Price
18"	4R	**MT80180-701B**	Price
150mm	1/2, 1", 1/2mm, 1mm	**MT80180-405U**	Price
300mm	1/2mm, 1mm	**MT80180-505**	Price

Description - Head Only		
Size	**Order No.**	**Price**
Fits 12" to 24" Blades	**MT80180-202B**	Price

TESA / Brown & Sharpe Combination Square Sets

Combination squares are commonly used for layout, set-up, checking heights and depths and setting angles. They are also often used as try squares, center gages, bevel protractors and rules.
Square Heads and Protractors are supplied with levels. Square Heads also include a hardened steel scriber.
Square Heads and Center Heads are available in hardened and non-hardened models.
Inch, metric, or inch/metric reading Combination Squares are available in complete sets or components may be purchased separately.

Type of Head Listing:

1-Square Head (Not Hardened)
2-Square Head (Hardened)
3-Center Head (Not Hardened)
4-Center Head (Hardened)
5-Protractor (Non-Reversible)
6-Protractor (Reversible)

2 Pc. Combination Square Sets

Blade and Square Head

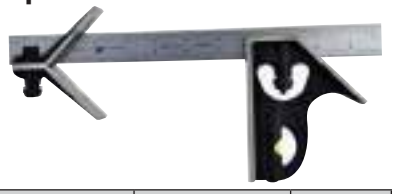


Blade Size (in.)	Type of Head in Set	Blade No.	Order No.	Price
12	1	599-9400-1204	**MV4544180**	Price
12	2	599-9400-1204	**MV4544168**	Price
12	2	599-9400-1204-1	**MV4544169†**	Price
12	5	599-9400-1204	**MV4544204**	Price
24	1	599-9400-2404	**MV4544181**	Price
24	2	599-9400-2404	**MV4544172**	Price
24	6	599-9400-2404	**MV4544205**	Price

†Satin-chrome blade

3 Pc. Combination Square Sets

Blade, Square Head, Center Head



Blade Size (in.)	Type of Head in Set	Blade No.	Order No.	Price
12	1 & 3	599-9400-1204	**MV4544158**	Price
12	1 & 3	599-9400-1204	**MV4544177**	Price
12	3 & 5	599-9400-1204-1	**MV4544159†**	Price
24	1 & 3	599-9400-2404	**MV4544178**	Price
24	2 & 4	599-9400-2404	**MV4544162**	Price
24	2 & 4	599-9400-2404-1	**MV4544163†**	Price

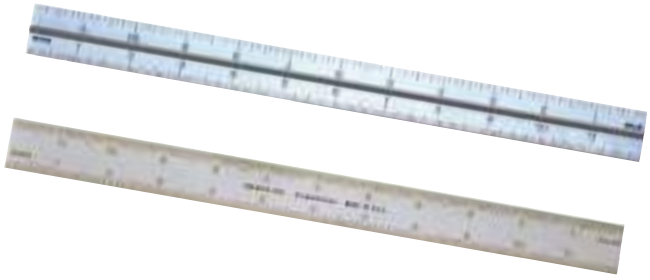
4 Pc. Combination Square Sets

Blade, Square, Center, and Protractor Heads



Blade Size (in.)	Type of Head in Set	Blade No.	Order No.	Price
12	1, 3, & 6	599-9400-1204	**MV4544200**	Price
12	2, 4, & 6	599-9400-1204-1	**MV4544193†**	Price
24	1, 3, & 6	599-9400-2404	**MV4544201**	Price
24	2, 4, & 6	599-9400-2404	**MV4544196**	Price
24	2, 4, & 6	599-9400-2404-1	**MV4544197†**	Price

TESA | brown & sharpe Combination Square Blades



- Inch-Reading Blades			
Length (in.)	Graduations	Order No.	Price
12	1/8, 1/16, 1/32, 1/64	**MV4545081**	Price
12	1/8, 1/16, 1/32, 1/64	**MV4545082**	Price
18	1/32, 1/64, 1/10, 1/100	**MV4550418†**	Price
18	1/8, 1/16, 1/32, 1/64	**MV4551070†**	Price
24	1/8, 1/16, 1/32, 1/64	**MV4545091**	Price
24	1/8, 1/16, 1/32, 1/64	**MV4545092†**	Price

- Inch/Metric Blades			
Length (in.)	Graduations	Order No.	Price
300mm	1mm, 1/64, 0.5mm, 1/32	**MV4545085†**	Price
300mm	1mm, 1/64, 0.5mm, 1/32	**MV4545399**	Price

- Metric Blades			
Length (in.)	Graduations	Order No.	Price
300mm	1 mm & 0.5mm (Front and Back)	**MV4545398†**	Price

†Satin-chrome finish

TESA | brown & sharpe Tempered Steel Conversion & Hook Rules



Description - Inch Reading Narrow Tempered Chrome Finish Hook Rule								
L (in.)	W (in.)	T (in.)	1st	2nd	3rd	4th	Order No.	Price
6	7/32	3/64	-	32nds	-	64ths	**MV4550406**	Price
12	7/32	3/64	-	32nds	1	64ths	**MV4550409**	Price

Description - Inch Reading Tempered Chrome Finish Hook Rule								
L (in.)	W (in.)	T (in.)	1st	2nd	3rd	4th	Order No.	Price
6	3/4	3/64	8ths	16ths	32nds†	64ths†	**MV4550134**	Price
6	3/4	3/64	10ths	100ths	32nds†	64ths†	**MV4546485**	Price
12	1	3/64	8ths	16ths	32nds†	64ths†	**MV4545378**	Price
18	1	3/64	8ths	16ths	32nds†	64ths†	**MV4551072**	Price
24	1	3/64	8ths	16ths	32nds†	64ths†	**MV4551071**	Price

Description - Inch Reading Tempered Steel Hook Rules								
L (in.)	W (in.)	T (in.)	1st	2nd	3rd	4th	Order No.	Price
12	1	3/64	8ths	16ths	32nds	64ths	**MV4545568**	Price

Description - Inch/Metric Conversion Rule-Chrome Tempered Flexible Steel								
L (in.)	W (in.)	T (in.)	1st	2nd	3rd	4th	Order No.	Price
127mm	19mm	.45mm	1/32	1mm	1/10	1mm	**MV4544150**	Price

Values for W(width) and T(thickness) are approximate.
† Indicates Bull's Eye and numbered graduations.
‡ Stainless Tempered Steel
*** Available while supplies last**

TESA | brown & sharpe Combination Square Components



Square Head



Center Head



Protracttor

Individual Components	Order No.	Price
2-Square Head (Hardened)	**MV4545072**	Price
4-Center Head (Hardened)	**MV4545088**	Price
6-Protractor (Reversible)	**MV4545102**	Price

TESA | brown & sharpe Adjustable Double Square

- Chrome finished blade, hardened and ground square head provide means for laying out and measuring with a single tool
- Blade locks securely in set position in head

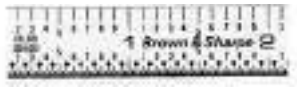


Blade Length (in.)	B&S No.	Graduations	Order No.	Price
4	599-555-1	50ths, 100ths, 32nds, 64ths	**MV4546308**	Price
4	599-555-3	64ths, 32nds, 16ths, 8ths	**MV4526995**	Price

TESA | brown & sharpe Tempered Flexible Steel Rules

Inch, Chrome Finish





L (in.)	W• (in.)	T• (in.)	1st	2nd	3rd	4th	Order No.	Price
6	1/2	1/64	8ths‡	16ths	32nds†	64ths†	**MV4544140**	Price
6	1/2	1/64	10ths‡	50ths‡	32nds†	64ths†	**MV4544139**	Price
6	1/2	1/64	10ths‡	100ths‡	32nds†	64ths†	**MV4544141**	Price
6	1/2	1/64	50ths	100ths	32nds	64ths	**MV4550133**	Price
12	1/2	1/64	8ths	16ths	32nds	64ths	**MV4545990**	Price
12	1/2	1/64	10ths‡	100ths‡	32nds	64ths	**MV4545380**	Price
18	3/4	3/64	8ths	16ths	32nds	64ths	**MV4551068**	Price
24	3/4	3/64	8ths	16ths	32nds	64ths	**MV4545992**	Price
24	3/4	3/64	10ths‡	100ths‡	32nds	64ths	**MV4545991**	Price

• Values for W (width) and T (thickness) are approximate.
† Indicates Bull's Eye and numbered graduations.
†† Indicates numbered graduations.

Fowler Combination Square Sets with Hardened Heads

Combination sets are used as height gages, depth gages, levels, marking gages, scribers, center gages, bevel protractors, steel rules and plumb.

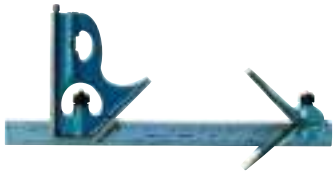
- Blades are chrome plated, fully hardened and tempered, 4R (graduated in 8ths, 16ths, 32nds and 64ths)
- Square head has level and scriber
- Finished in baked blue enamel
- Fitted case included
- Meet Fed. Specs. Type VI, Class B

2 Pc. Combination Square Sets with Hardened Heads



Fowler No.	Blade Size (in.)	Order No.	Price
52-388-012	12	**NA5552388012**	Price
52-388-018	18	**NA5552388018**	Price
52-388-024	24	**NA5552388024**	Price

3 Pc. Combination Square Sets with Hardened Heads



Fowler No.	Blade Size (in.)	Order No.	Price
52-386-006	6	**NA5552386006**	Price
52-386-012	12	**NA5552386012**	Price
52-386-018	18	**NA5552386018**	Price

4 Pc. Combination Square Sets with Hardened Heads



Fowler No.	Blade Size (in.)	Order No.	Price
52-370-012	12	**NA5552370012†**	Price
52-385-012	12	**NA5552385012**	Price
52-385-024	24	**NA5552385024**	Price

† NA5552370012 with etch pen

Fowler Double Squares

- Hardened and tempered precision ground satin chrome blades
- Can also be used as parallel
- Cast head
- Supplied in 4R graduations (8ths, 16ths, 32nds, and 64ths)



Blade Length	Model No.	Order No.	Price
4	52-435-000	**NA5552435000**	Price
6	52-435-006	**NA5552435006**	Price

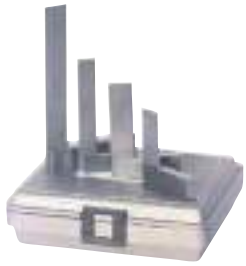
Workshop Square Sets

- Complete in a shop-hardened protective molded case
- Squareness of the blade edge to the working face of stock is .0006″

Blade Size 2”; Beam Size 1-1/2”
Blade Size 3”; Beam Size 2-1/2”
Blade Size 4”; Beam Size 3”
Blade Size 7”; Beam Size 4”

TESA | Fowler

Description	Blades (in.)	Brown & Sharpe		Fowler	
		Order No.	Price	Order No.	Price
3 Piece Combination Square Set	2, 4, & 6	**MV4527061**	Price	**NA5552432444**	Price
4 Piece Precision Square Set	2, 3, 4, & 6	**MV4527060**	Price	**NA5552432246**	Price
4 Piece Precision Square Set	4, 6, 9, & 12	**-**	-	**NA5552432469**	Price



Fowler Fixed Tip Scriber

- Heavy duty
- Fixed carbide tip
- Pencil-like design
- Pocket clip



Order No.	Price
NA5552500090	Price

Fowler Carbide Tipped Scriber with Magnetic End Cap

- Heavy duty
- Replaceable carbide tip
- Knurled grip
- Pocket clip
- Magnetic end cap



Description	Order No.	Price
Replaceable Tip Carbide Scriber with Magnetic End Cap	**NA5552500080**	Price
Replacement Carbide Scriber Tip	**NA5552500085**	Price

Fowler Carbide Tipped Super Scriber

- Lightweight
- Retractable carbide tip
- Knurled grip
- Machined aluminum body
- Pocket clip



Description	Order No.	Price
Carbide Super Scriber	**NA5552500050**	Price
Carbide Scriber Refill	**NA5552500055**	Price

Fowler Pocket Carbide Scriber

- Lightweight
- Retractable carbide tip
- Fluted grip
- Blue anodized aluminum body
- Pocket clip



Description	Order No.	Price
Carbide Scriber Refill	**NA5552515046**	Price
Pocket Carbide Scriber	**NA5552500000**	Price

Metal Etching Pen

- Use any place metals, hardened as well as thin walled, have to be marked or identified
- Effective on heavy metals, stainless steel, iron, copper, brass, nickel, tin, lead
- Special acid solution flows like ink in a felt-tip pen and a permanent etch is produced on the metal
- Leaves distinctive, smudge-proof, black markings
- Ideal for toolroom use and marking in the machine shop
- Apply on clean surface - after application wipe dry with oily cloth



Order No.	Price
NB45MEP1	Price

Starrett 3020 Series Toolmakers' Grade Stainless Steel Solid Squares

Global Series

- This high quality toolmakers' square offers squareness accuracy to .00020" (0.005mm) for every 6.0" (150mm)
- Length of blade from the inner edge of the beam to the end of the blade



Description	Blade Length (mm)	Beam Length (mm)	Cat No.	Order No.	Price
3" Square †	75mm	50mm	3020-3	**MV7012225**	Price
4" Square †	100mm	75mm	3020-4	**MV7012226**	Price
6" Square †	150mm	100mm	3020-6	**MV7012227**	Price
12" Square † †	300mm	175mm	3020-12	**MV7012228**	Price
Complete Set of All Squares †			S3020Z	**MV7012229**	Price

† 3", 4" and 6" Squares are packed one in a plastic case unless otherwise ordered.
† † 12" Square and set of 4 squares shipped in box with fitted foam insert. Wood cases may be purchased separately

Starrett Hardened Steel Squares

- Hardened, ground and lapped to insure parallelism and straightness
- Beam is grooved at inside corner for clearance
- 6" and 12" available with standard letter of certification
- Wood cases available



Length of Blade (in.)	Length of Beam (in.)	Order No.	Price
1-1/2	1-1/2	**MV7050128**	Price
3	2-3/8	**MV7050130**	Price
4-1/2	3-1/2	**MV7050132**	Price
6	4-5/16	**MV7050134**	Price
12	7	**MV7050136**	Price

Starrett Beveled Edge Squares

MADE IN THE USA

- Blades beveled on both edges of each side
- Beams grooved at inside corner for clearance
- Available in 1-1/2:", 3" and 4-1/2" blade lengths



Length of Blade (in.)	Length of Beam (in.)	Type	Order No.	Price
6	4-5/16	Beveled Edge Square	**MV7050283**	Price
6	-	Wood Case Only for Square	**MV7055155**	Price

Fowler Bevel Edge Squares

- Ground and lapped for staightness and parallelism
- Hardened to Rockwell 55C
- Accuracy: .00008″ + length/100,000



Blade Size (in.)	Beam Length (in.)	Order No.	Price
4	3	**NA5552426004**	Price
6-3/4	4	**NA5552426006**	Price
8-1/2	5-1/8	**NA5552426008**	Price
10-1/2	6-3/8	**NA5552426010**	Price

PROCHECK 3 Pc. Precision Engineer Square Set

- 2", 4" & 6"
- Hardened steel
- True squares and right angles both inside and outside
- Beams and blades are ground and lapped for parallelism
- Length of blade is measured from corner edge of beam to end of blades
- DIN-1 standard
- Protective case included
- 1 Year Warranty



Order No.	Price
PC23ESS246	Price

Solid Squares

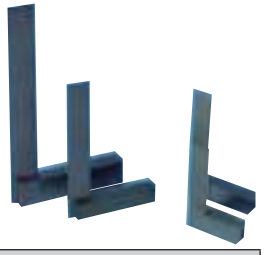
- Made from high quality tool steel
- Have true right angles inside and outside
- Beams and blades are precision ground
- Blade is hardened
- Length of blade is measured from inner edge of beam to end of blade



Blade Length (in.)	Beam Length (in.)	Order No.	Price
2	1-1/2	**NB4070002**	Price
3	2-1/2	**NB4070003**	Price
4	3	**NB4070004**	Price
6	4	**NB4070006**	Price
9	6	**NB4070009**	Price
12	8	**NB4070012**	Price
2, 3, 4, & 6	4 Pc. Set	**NE60ES4**	Price
4, 6, 9, & 12	Large 4 Pc. Set	**NE60ES4L**	Price

PROCHECK Machinist Squares

- Made of finest quality ground steel with heavy thick stock
- Blade is hardened and ground for straightness and parallelism
- Squares are accurate both inside and outside



- Precision Square			
Blade Size (in.)	Beam Length (in.)	Order No.	Price
2	2	**NE6002**	Price
3	3	**NE6003**	Price
4	3	**NE6004**	Price
6	4	**NE6006**	Price
9	5-1/2	**NE6009**	Price
12	7	**NE6012**	Price
18	10	**NE6018**	Price
24	13	**NE6024**	Price

- 4 Piece Precision Square Set			
Blade Size (in.)	Beam Length (in.)	Order No.	Price
2, 3, 4, & 6	4 Pc. Set	**NE60ES4**	Price
4, 6, 9, & 12	Large 4 Pc. Set	**NE60ES4L**	Price

PROCHECK 4 Pc. Diemakers Square Set

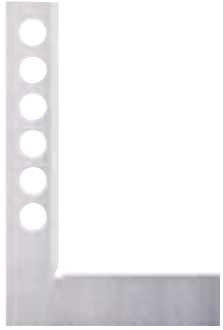
- All tools are hardened and ground, very finely finished and extremely accurate
- 1-1/2" triangular straight edge with a removable hardle (length 2-1/2")
- Beam is grooved at inner corner for clearance of bur and dirt



Order No.	Price
PC23DMS4PS	Price

Fowler mini-COMBO SQUARE Bevel & Magnetic Base Squares

- Made of hardened chrome steel
- Bores in blade reduces weight and provides fixturing locaitons
- Embedded magnets in base models (52-434-Sereis) holds square in position vertically or horizontally
- Designed for layout and measurement work
- 52-434 Series has graduated scales in 16ths on front and rear of blade
- Ground and lapped to meet DIN 875 standards



Type - Bevel Edge Square w/Bores		
Size (in.)	Order No.	Price
4	**NA55524380040**	Price
6	**NA55524380060**	Price
8	**NA55524380080**	Price

Type - Straight Edge		
Size (in.)	Order No.	Price
4	**NA55524340040**	Price
6	**NA55524340060**	Price
8	**NA55524340080**	Price

Type - Straight Edge w/Bores		
Size (in.)	Order No.	Price
4	**NA55524330040**	Price
6	**NA55524330060**	Price
8	**NA55524330080**	Price

Empire 6" Pocket Square

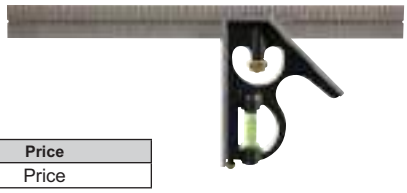
- 6″ Etched stainless steel blade with inch grads
- Accuracy guaranteed square to .001″ per inch
- True Blue® vial for accuracy



Order No.	Price
KP75255	Price

Empire 12" Combination Square

- 12″ Steel blade with inch graduations
- Machined square head
- Self-aligning drawbolt, hardened scriber



Order No.	Price
KP75230	Price

Empire 12" Polysquare™ Combination Square

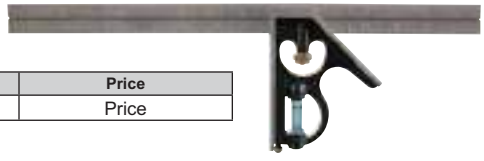
- 12″ Satin steel blade with inch graduations
- Durable Polycast™ head, full view acrylic vial
- Self-aligning drawbolt



Order No.	Price
KP75220	Price

Empire 16" Heavy Duty Professional

- 16″ Etched stainless steel blade with inch grads
- Accuracy guaranteed square to .001″ per inch
- True Blue® vial for accuracy



Order No.	Price
KP75280	Price

STANLEY 12" Combination Squares

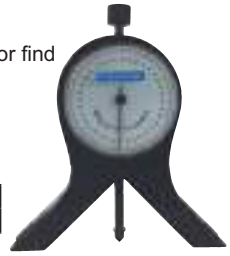
- Hard chrome blade graduated in 8ths, 16ths and 32nds is coated to resist rust
- Level vial positioned for maximum visibility
- KP442300 has precision machined working surfaces for improved accuracy



Model No.	Description	Order No.	Price
46-123	Yellow Handle	KP442300	Price
46-222	Die-Cast Handle	KP442365	Price

PROCHECK Magnetic Dial Protractor With Replaceable Center Punch

- Used to determine angles on machine setup or find and mark center of square or round stock
- 0 - 90°
- 4-Quad



Order No.	Price
PC23MP490V	Price

PROCHECK Magnetic Dial Protractor with Punch

- Range: 360° (90° x 4)
- Resolution: 1°
- Magnet insert on both inside and bottom of the legs
- Hardened steel center punch
- Mark center of flat, square, or round stock
- 1 Year Warranty



Order No.	Price
PC23MP490VO	Price

Starrett Angle Meter-AM2

- Sturdy high-impact plastic
- Scale readings from 0° to 90° in any quadrant
- Measures any angle for pitch or slope
- Pitch/angle calculator finds rise, run, angle, pitch on 12″ or rafter lumber lengths

MADE IN THE USA



Order No.	Price
MV8036080	Price

Empire Small Angle Magnetic Protractor

- Magnetic base
- Full view acrylic vial protractor dial is graduated in 5° increments
- Durable Polycast® construction



Order No.	Price
KP75361	Price

Empire Magnetic Polycast® Protractor

- Magnetic base and back
- Easy reading dial with adjustable angle pointer
- Built-in angle pitch calculator on back
- Polycast® construction



Order No.	Price
KP7536	Price

Starrett Steel Straight Edges

- Precision made of fine tool steel to rigid Starrett standards
- Ground all over and finely finished
- Unexcelled for drawing or scribing straight lines and checking surfaces for straightness
- 12 to 72 Inch • 380-385-387 Type
- 380 Type: not beveled, not graduated
- 385 Type: beveled one edge only, not graduated
- 387 Type: beveled one edge only, graduated



Description - 380-No Bevel, No Grad.					
Size	Approx. Width (in.)	Approx. Thickness (in.)	LSS No.	Order No.	Price
12	1-13/32	11/64	380-12	**MV7051438**	Price
18	1-13/32	11/64	380-18	**MV7051439**	Price
24	1-13/32	11/64	380-24	**MV7051440**	Price
36	2-13/32	7/32	380-36	**MV7051441**	Price
48	2-13/32	7/32	380-48	**MV7051442**	Price
72	3-5/32	9/32	380-72	**MV7051444**	Price

Description - 385-Bevel, No Grad.					
Size	Approx. Width (in.)	Approx. Thickness (in.)	LSS No.	Order No.	Price
12	1-13/32	11/64	385-12	**MV7051455**	Price
18	1-13/32	11/64	385-18	**MV7051456**	Price
24	1-13/32	11/64	385-24	**MV7051457**	Price

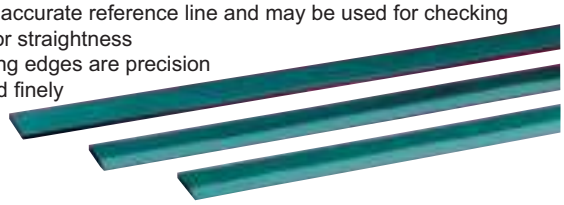
Description - 385-Bevel, No Grad.					
Size	Approx. Width (in.)	Approx. Thickness (in.)	LSS No.	Order No.	Price
36	2-13/32	7/32	385-36	**MV7051458**	Price
48	2-13/32	7/32	385-48	**MV7051459**	Price
72	3-5/32	9/32	385-72	**MV7051461**	Price

Description - 387-Bevel, 32nd Grad.					
Size	Approx. Width (in.)	Approx. Thickness (in.)	LSS No.	Order No.	Price
12	1-13/32	11/64	387-12	**MV7051468**	Price
18	1-13/32	11/64	387-18	**MV7051469**	Price
24	1-13/32	11/64	387-24	**MV7051470**	Price
36	2-13/32	7/32	387-36	**MV7051471**	Price
48	2-13/32	7/32	387-48	**MV7051472**	Price

Suburban Straight Edges

MADE IN THE USA

- Perfect for drawing or scribing straight lines
- Graduated and non-graduated models available
- Working edges are straight within .0005" per foot
- Extremely accurate reference line and may be used for checking surfaces for straightness
- Two working edges are precision ground and finely finished



Type - Steel Square Edge-No Bevel, No Graduations					
Length (in.)	Width (in.)	Thickness (in.)	Weight	Order No.	Price
12	1-13/32	11/64	2 lbs	**NJ51SE12TS**	Price
24	1-13/32	11/64	4 lbs	**NJ51SE24TS**	Price
36	2-13/32	7/32	8 lbs	**NJ51SE36TS**	Price
48	2-13/32	7/32	11 lbs	**NJ51SE48TS**	Price
72	3-5/32	9/32	36 lbs	**NJ51SE72TS**	Price

Type - Steel Straight Edge-With Bevel and Graduations					
Length (in.)	Width (in.)	Thickness (in.)	Weight	Order No.	Price
24	1-13/32	11/64	4 lbs	**NJ51SE24TSBG**	Price
36	2-13/32	7/32	8 lbs	**NJ51SE36TSBG**	Price
48	2-13/32	7/32	11 lbs	**NJ51SE48TSBG**	Price

Type - Steel Straight Edge-With Bevel, No Graduations					
Length (in.)	Width (in.)	Thickness (in.)	Weight	Order No.	Price
12	1-13/32	11/64	2 lbs	**NJ51SE12TSB**	Price
24	1-13/32	11/64	4 lbs	**NJ51SE24TSB**	Price
36	2-13/32	7/32	8 lbs	**NJ51SE36TSB**	Price
48	2-13/32	7/32	11 lbs	**NJ51SE48TSB**	Price
72	3-5/32	9/32	36 lbs	**NJ51SE72TSB**	Price
96	3-1/4	5/16	42 lbs	**NJ51SE96TSB**	Price
120	3-1/4	5/16	64 lbs	**NJ51SE120TSB**	Price

Suburban Cast Iron Straight Edges

MADE IN THE USA

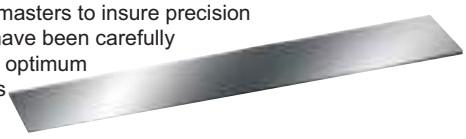
- Made of stress-relieved cast iron for maximum stability
- Cored & ribbed for increased rigidity and reduced weight
- Top & bottom faces are precision ground parallel and straight to within .0001" per 12"
- Use for setting up and leveling machinery & equipment and for checking the flatness of surfaces or scribing
- Also can be used for positioning above & parallel to a surface



Length (in.)	Width (in.)	Height (in.)	Weight	Order No.	Price
24	1	2	10 lbs	**NJ51SE24CI**	Price
36	1-1/2	3	27 lbs	**NJ51SE36CI**	Price
48	1-1/2	3	36 lbs	**NJ51SE48CI**	Price
60	2	4	95 lbs	**NJ51SE6024CI**	Price
72	2	4	110 lbs	**NJ51SE72CI**	Price

Fowler Straight Edges

- Use for basic accuracy applications including scribing, drafting, and straightness inspection
- Made of selected steels
- Hardened for superior wear resistance
- Matched to precision masters to insure precision
- Width and thickness have been carefully determined to provide optimum rigidity-to-weight ratios



Length (in.)	Width (in.)	Thickness (in.)	Straightness (in.)	Order No.	Price
18	1.32	.150	.0003	**NA5552480050**	Price
24	2	5/16	.0003	**NA5552480055**	Price
36	2-1/2	1/4	.0004	**NA5552480060**	Price

PROCHECK Precision Straight Edges with Inch Scale

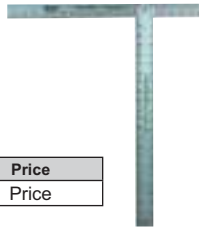
- Made of hardened steel
- Accuracy: 0.001"
- Thickness: 3/16"
- Width: 1-9/16"
- Satin Chrome finish
- All edges have true right angles
- Bevel edge has 1/64" precision scale is US standard
- Protective pouch included
- 1 Year Warranty



Length (in.)	Order No.	Price
12	**PC23SE12**	Price
24	**PC23SE24**	Price
36	**PC23SE36**	Price

Starrett® Giant Aluminum Square

No. DS Series



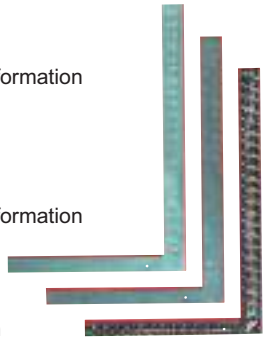
- The offset head is 22″ x 1-1/2″
- The standard square is 1/8″ thick
- Graduations or inches, 8ths and 16ths

Size	Description	Order No.	Price
48 x 2	Assembled	**MV8036119**	Price

Starrett® 24" Rafter Squares

No. RS Series

- 24″ Long and 2″ wide body, 16″ long and 1-1/2″ wide tongue
- 1/8″ and 1/16″ face side, 1/10, 1/12″, 1/16″ back side



No. RSS-24 Professional Rafter Square
- Tempered steel
- Permanently stamped graduations and information
- Scale for tenths measurements
- Clear coating for rust resistance

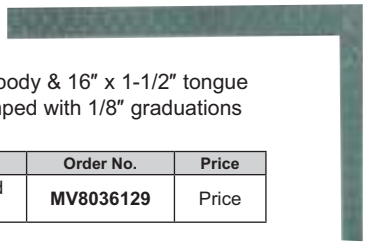
No. RSA-24 Professional Rafter Square
- Lightweight aluminum
- Permanently stamped graduations and information

No. RS-24 Rafter Square
- Tempered steel
- Black enamel finish
- White printed graduations and information

Model No.	Description	Order No.	Price
RS24	Steel, Printed Scale	**MV8036128**	Price
RSA24	Aluminum, Stamped Scale	**MV8036131**	Price
RSS24	Steel, Stamped Scale	**MV8036130**	Price

Starrett® 24" Exact® Professional Framing Square

No. FS-24

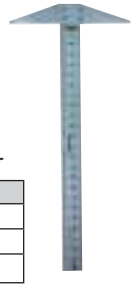


- 1 Pc. tempered steel, 24″ x 2″ body & 16″ x 1-1/2″ tongue
- Face & back permanently stamped with 1/8″ graduations

Size	Description	Order No.	Price
24	Framing Square, Stamped Steel Scale	**MV8036129**	Price

Starrett® Aluminum T-Square

No. T 24-48”



- 2″ Wide, .081″ thick anodized aluminum
- Large, easy-to-read numbers
- Graduations are 1/8″ on one edge and 1/16″ on the other

Length (in.)	Order No.	Price
24	**MV8036134**	Price
36	**MV8036136**	Price
48	**MV8036138**	Price

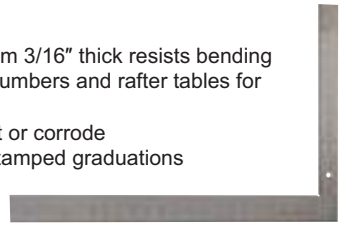
Empire® Heavy Duty MAGNUM™ Rafter Square



- Solid aluminum extruded square will not bend or break
- Aluminum will not rust or corrode
- Stamped conversion tables

Order No.	Price
KP752990	7.70

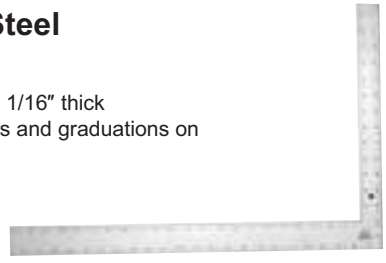
Empire® 16" x 24" "Fat Boy" Aluminum Framing Square



- 50% thicker, heavy-gauge aluminum 3/16″ thick resists bending
- Deep stamped inch graduations, numbers and rafter tables for long life
- Aluminum construction will not rust or corrode
- Includes 1/8″, 1/10”, 1/12”, 1/16″ stamped graduations

Order No.	Price
KP751240	Price

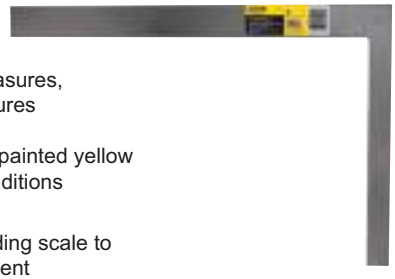
Empire® 16" x 24" Steel Tradesman Square



- 24″ x 2″ body, 16″ x 1″ tongue, 1/16″ thick
- Permanently stamped numbers and graduations on satin steel finish
- Durable epoxy finish

Order No.	Price
KP751110	Price

STANLEY® Rafter & Carpenter's Squares



- Embossed graduations
- Protective finish resists rust and corrosion

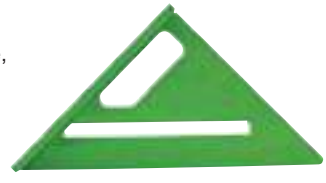
Rafter:
- Markings include brace measures, octagon scale, board measures and rafter table
- KP442350 graduations are painted yellow for readability in all light conditions

Carpenter:
- KP442345 has reverse reading scale to make measuring more efficient

Type - Carpenters Square					
Model No.	**Size (in.)**	**Graduation (in.)**	**Description**	**Order No.**	**Price**
45-300	16 x 24	1/8 Back; 1/8 Face	Aluminum, Buffed	**KP441100**	Price
45-500	16 x 14	1/8 Back; 1/8 Face	Steel, Buffed	**KP442345**	Price

Type - Rafter Square					
Model No.	**Size (in.)**	**Graduation (in.)**	**Description**	**Order No.**	**Price**
45-011	16 x 24	1/10, 1/12, 1/16	Aluminum, Black	**KP442350**	Price
45-910	16 x 24	1/10 Back, 1/12 Back, 1/16 Back; 1/16 Face, 1/8 Face	Steel, Buffed	**KP442360**	Price

STANLEY® Pocket Square



- Lightweight and compact to fit into pocket or tool belt
- Works as a rafter square, try square, protractor and power saw guide
- 6-7/8” Blade
- 10-1/4” Base Length
- 0 to 90° Graduation
- ABS Plastic

Model No.	Order No.	Price
46-060	**KP441150**	Price

Starrett® Measure Stix™ Steel Measuring Tapes

Adhesive Backing

MADE IN THE USA

- Mount on work benches, saw tables, drafting tables, etc.



Blade Width	Length	Order No.	Price
1/2	12'	**MV8063170**	Price
1/2	4'	**MV8063168**	Price
3/4	6'	**MV8063169**	Price
1/2 (13mm)	4' (1.2m)	**MV8063171**	Price

Starrett® Aluminum Straight Edge Rules

- English measure
- Flexible anodized aluminum
- 2″ Width
- 1/8″ and 1/16″ Graduation

MADE IN THE USA



Starrett No.	Length (in.)	Thickness (in.)	Order No.	Price
ASE48	48	.125	**MV8036092**	Price
ASE24	24	.081	**MV8036090**	Price
ASE36	36	.081	**MV8036091**	Price
ASE60	60	.125	**MV8036093**	Price

Empire® Polysteel™ T-Bevel

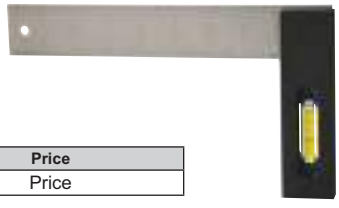
- Durable Polycast® handle
- Adjustable 9″ stainless steel blade
- Low profile locking nut for left or right hand use



Order No.	Price
KP75130	Price

Empire® Polysteel™ Tri-Square

- Stainless steel blade has 1/8″ graduations
- Durable Polycast® handle with acrylic vial
- Use for plumb, level, and 45° work

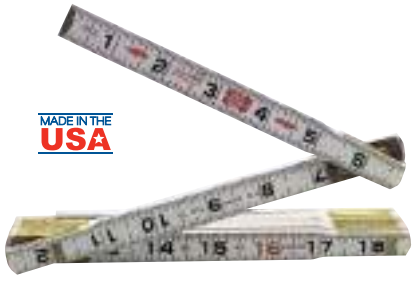


Order No.	Price
KP75120	Price

Lufkin® Red End® Folding Wood Rule

- Marked both sides, both edges to 16ths, 16 stud centers in red
- Numbering begins on inside of rule
- Marked both sides, both edges to 16ths, 16 stud centers in red
- Numbering begins on inside of rule

MADE IN THE USA



Blade Dimension (in.)	Order No.	Price
5/8 x 6	**MZ50066F**	Price

Fowler Digi-Pro Electronic Protractor

The Digi-Pro electronic protractor includes embedded magnets for unique measurement areas. On/Off, Zero, Hold and Reverse features to invert the display for easier reading in certain situations.

- Embedded 25 lb pull magnets
- Full, 360° measuring range
- Accuracy: ±.2°
- Repeatability: ±.05°
- Resolution: .05°
- Invertible display feature
- Voltage: Standard 3V lithium battery

Use the Digi-Pro to make fast and accurate angular measurements. Ideal for fabrication applications.



Length (in.)	Order No.	Price
4	**NA5554440740**	Price
12	**NA5554440775**	Price

PROCHECK 10" Digital Protractor with Inch/Metric Scale

- 8” (10” on back) Stainless steel rule blade with inch and metric scales
- Reversible reading, hold function and locking feature
- Measure inside and outside angles
- Lightweight, easy to use
- Measuring range: 0-360°, resolution: .05°
- Accuracy: ±0.2°, repeatability: .05°
- Battery: 3V CR2032 battery included (replacement part number KA56ECR2032)
- 1 Year Warranty



Resolution	Sensitivity	Accuracy	Reading	Order No.	Price
.05°	+/- .2°	+/- .2°	360°	**PC23EP10EM**	Price

Starrett® Prosite™ Protractors

- Perfect miter joints every time
- Direct reading - no calculations required
- Durable aluminum construction



Length	Model No.	Order No.	Price
7	505A-7	**MV7011677**	Price
12	505A-12	**MV7067752**	Price

Starrett® Electronic Protractor

Model CP505E-12

- Large LED display
- 3 Button control with modes clearly designated on the display
- Full 360° swing
- Horizontal and vertical level vials
- Locking knob
- Comes with storage pouch



Order No.	Price
MV7020939	Price

STANLEY IntelliTools™ Distance Estimator & Sensor



Distance Estimator:
- Operates on 9V battery
- Automatic shut-off for longer battery life
- Large, easy-to-read LCD screen
- Accuracy: ±5%
- One person measuring distances up to 40°
- Calculates area and volume
- Manual addition mode for unique applications
- Last three measurements are displayed

Pro Stud Sensor:
- Directs and locates studs and joists
- Ergonomic styling
- Large, patented LCD screen for visual detection warning
- Quick response ASIC technology
- High impact ABS housing
- Multi-read depths

Model No.	Type	Order No.	Price
77-018	Distance Estimatoer	**KP441600**	Price
77-050	Stud Sensor 50	**KP442415**	Price
STHT77406	Stud Sensor 200	**KP442410**	Price

STANLEY Alignment Lasers

- Raised bubble vials
- Wall laser
- 360° Rotating wall attachment



Model No.	Description	Beam Color	Range	Beams	Accuracy	Battery	Order No.	Price
STHT77148	Manual	Red	15'	1	1/8 @ 10'	(2) AA	**KP441140**	Price
STHT77149	Self-Leveling	Red	25'	2	1/8 @ 10'	(2) AAA	**KP441155**	Price

STANLEY Self-Leveling Combination Lasers

FatMAX SLP5 & SCL-D:
- Self-leveling spot beams and horizontal line
- Project down beam with raised clearance
- Integrated magnetic pivoting base
- Locking pendulum



Model No.	Description	Beam Color	Range	Beams	Accuracy	Battery	Order No.	Price
FMHT77321	FatMax SCL-D	Red	165'	4	1/4 @ 30'	(3) AA	**KP444195**	Price

STANLEY Self-Leveling Dot Laser Level

- Projects 3 beams - up, down, horizontal
- Locking pendulum
- Over-molded grips for comfort and control
- QuickLink bracket and mounting system



Model No.	Description	Beam Color	Range	Beams	Accuracy	Battery	Order No.	Price
STHT77342	SPL3	Red	100'	3	1/4 @ 50'	(2) AA	**KP441040**	Price

STANLEY Self-Leveling Lasers

FatMAX 360 LASER:
- Self-leveling 360° line and vertical line
- 1/4" thread mounts and wall mount bracket
- Locking pendulum



CUBIX:
Range: 50'
- Accuracy ± 1/4"
- Self-leveling cross lines
- QuickLink™ bracket and mounting system
- Locking pendulum

CROSS90:
- Self-leveling cross line and plumb spots
- 1/4 and 5/8" thread
- Optional pulse mode allows use with detector
- Locking pendulum

Model No.	Description	Beam Color	Range	Beams	Accuracy	Battery	Order No.	Price
FMHT77137	FatMax 360	Red	165'	3	1/8 @ 30'	(3) AA	**KP444000**	Price
STHT77340	Cubix	Red	50'	2	1/4 @ 30'	(2) AA	**KP441340**	Price
STHT77341	Cross90	Red	50'	3	1/4 @ 30'	(2) AA	**KP441335**	Price

STANLEY Self-Leveling Rotary Lasers

- Bright, high power beam delivers maximum visibility for 2000' diameter working range
- Multiple scanning mode 10°, 45°, 90°
- Anti-drift system



Model No.	Description	Beam Color	Range	Accuracy	Battery	Order No.	Price
FMHT77427	FatMax RL HVPW	Red	2000'	1/16 @ 100'	NiCd	**KP444185**	Price
FMHT77429	FatMax RL HW + Rotary Laser	Red	2000'	1/16 @ 100'	NiCd	**KP444190**	Price
FMHT77439	Digital	Red	2000'	1/16 @ 100'	NiCd	**KP444095**	Price

PROTO Tethered Tape Rule Sleeve

- Tethered tape measure sleeve with D-ring securely keeps tape measure attached
- Made from durable material to withstand heavy wear



Max. Tool Weight (lbs.)	Model No.	Order No.	Price
2	JTAPESLV	**KP4274210**	Price

STANLEY FatMax® Tape Measures

FATMAX® WITH BLADE ARMOR®:
Blade Armor® is a thermoplastic industrial coating on the first 6" of the blade to reduce blade breakage

- Entire blade coated in Mylar® for maximum strength
- 3-Rivet end-hook grabs side, top or bottom for easy measuring
- Stud markings at 16" and 19.2"
- Forward blade lock
- Rubber cushion grip and high-impact yellow ABS case
- 11' Standout
- Belt clip



FATMAX® STAINLESS LONG:

- 3:1 Gear ratio rewinds tape 3x faster
- Tru-Zero end hook for inside and outside measurements
- Rubber cushion grip and high-impact yellow ABS case
- Steel roller cage protects case from being cut by blade retraction

FATMAX® AUTO-LOCK:

- Made for control and long blade life
- Manual mode for the ability to disengage lock for speed marking
- Detachable hook allows users to work efficiently in different conditions
- 11' Blade standout for reach and efficiency
- Blade Armor® coating for 10x blade life
- Hook storage securely stores hook when not in use

Style - FatMax Auto-Lock 11' Stand Out					
Model No.	Length	Width (in.)	Graduation (in.)	Order No.	Price
FMHT33316S	16'	1-1/4	1/16	**KP444015**	Price
FMHT33338L	25'	1-1/4	1/16	**KP444020**	Price
FMHT33348	30'	1-1/4	1/16	**KP444025**	Price

Style - FatMax Magnetic 11' Stand Out					
Model No.	Length	Width (in.)	Graduation (in.)	Order No.	Price
FMHT33865S	25'	1-1/4	1/16	**KP444120**	Price
FMHT33866	26' / 8mm	1-1/4	1/16; 1mm	**KP444125**	Price

Style - FatMax Premium 13' Stand Out					
Model No.	Length	Width (in.)	Graduation (in.)	Order No.	Price
FMHT33509S	35'	1-1/4	1/16	**KP444220**	Price
FMHT33969S	16'	1-1/4	1/16	**KP444210**	Price

Style - FatMax Stainless Long					
Model No.	Length	Width (in.)	Graduation (in.)	Order No.	Price
34-130	100'	3/8	1/8	**KP444090**	Price

Style - FatMax w/Blade Armor					
Model No.	Length	Width (in.)	Graduation (in.)	Order No.	Price
33-716	16'	1-1/4	1/16	**KP444235**	Price
33-725	25'	1-1/4	1/16	**KP444240**	Price
33-726	26' / 8mm	1-1/4	1/32, 1/16; 1mm	**KP444260**	Price
33-730	30'	1-1/4	1/16	**KP444245**	Price
33-735	35'	1-1/4	1/16	**KP444250**	Price

STANLEY Standard Tape Measures

- Polymer coating for long life
- Corrosion resistant hook
- 1" Wide blades feature hook that moves to allow inside and outside measure
- Forward blade lock
- Hi-visibility yellow, high-impact plastic
- Blade returns automatically once blade lock is released
- 1" Wide blades have 7" standout



Model No.	Length	Width (in.)	Graduation (in.)	Order No.	Price
30-454	25'	1	1/16, 1/8	**KP441510**	Price
30-455	25'	1	1/16	**KP442200**	Price
30-456	26' / 8mm	1	1/32, 1/16; 1mm	**KP442210**	Price
30-464	30	1	1/16	**KP442205**	Price
30-485	12'	1/2	1/32, 1/16	**KP442215**	Price
30-495	16'	3/4	1/32, 1/16	**KP442220**	Price
30-496	16' / 5mm	3/4	1/32, 1/16; 1mm	**KP442225**	Price

STANLEY Rubber Overmold Tape Measures

- Rugged rubber overmold for impact resistance
- 10' Blade standout for reach and efficiency
- Tylon blade coating for durability and long blade life
- Tru-Zero™ end hook for accurate measurements
- High impact case design for durability



Model No.	Length	Width (in.)	Graduation	Order No.	Price
STHT33569LW	26' / 8mm	1-1/8	1/16; 1mm	**KP442245**	Price
STHT33594S	16'	1-1/8	1/16	**KP442230**	Price
STHT33596LW	25'	1-1/8	1/16	**KP442235**	Price
STHT33597S	30'	1-1/8	1/16	**KP442240**	Price

STANLEY Powerlock® Tape Measures

- Entire blade coated in Mylar® for maximum strength
- 3-Rivet end-hook on Powerlock with Blade Armor and 1" blades
- Stud markings at 16" and 19.2"
- Blade returns automatically once blade lock is released
- Belt clip

POWERLOCK® WITH BLADER ARMOR®:

- Blade Armor® is a thermoplastic industrial coating on the first 6" of the blade to reduce blade breakage
- 10% smaller case than standard powerlocks
- Chrome plated case
- 8" standout

POWERLOCK® HEAVY DUTY:

- Heavy-duty contractor grade tape rule
- Yellow die cast metal case
- Stud markings on 33-312 only



POWERLOCK 1/2" & 3/4" BLADES:

- Chrome plated case

Style - Heavy Duty Powerlock					
Model No.	Length	Width (in.)	Graduation (in.)	Order No.	Price
33-272	12'	1/2	1/16, 1/10	**KP441920**	Price
33-312	12'	3/4	1/32, 1/16	**KP441980**	Price

Style - Heavy Duty Powerlock 1/2"					
Model No.	Length	Width (in.)	Graduation (in.)	Order No.	Price
33-212	12'	1/2	1/32, 1/16	**KP441970**	Price
33-215	12'/3.5mm	1/2	1/32, 1/16; 1mm	**KP441975**	Price

Style - Heavy Duty Powerlock 3/4"					
Model No.	Length	Width (in.)	Graduation (in.)	Order No.	Price
33-116	16'	3/4	1/32, 1/16	**KP441945**	Price
33-158	16' / 5mm	3/4	1/32, 1/16; 1mm	**KP441950**	Price

Style - Powerlock					
Model No.	Length	Width (in.)	Graduation (in.)	Order No.	Price
33-835	35'	1	1/16	**KP441910**	Price

Style - Powerlock 1"					
Model No.	Length	Width (in.)	Graduation (in.)	Order No.	Price
33-425	25'	1	1/16	**KP441900**	Price
33-428	26' / 8mm	1	1/32, 1/16; 1mm	**KP441915**	Price
33-430	30'	1	1/16	**KP441905**	Price

Style - Powerlock w/Blade Armor					
Model No.	Length	Width (in.)	Graduation (in.)	Order No.	Price
33-516	16'	1	1/16	**KP441955**	Price
33-525	25'	1	1/16	**KP441960**	Price

STANLEY LeverLock® Tape Measures

- Automatic blade lock holds blade securely in position
- Write-on label for repeated use with carpenter's pencil
- Non-marring frictionless base to help protect work surface
- Easy inside/outside measurements
- 1.5x stronger anti-glare blade



Style - Leverlock					
Model No.	Length	Width (in.)	Graduation (in.)	Order No.	Price
STHT30810	12'	1/2	1/32	**KP441825**	Price
STHT30812	16'	3/4	1/32	**KP441830**	Price
STHT30825	25'	1	1/16	**KP441800**	Price
STHT30830	30	1	1/16	**KP441805**	Price

Style - Leverlock Center Read					
Model No.	Length	Width (in.)	Graduation (in.)	Order No.	Price
STHT30758L	25'	1	1/16	**KP441605**	Price

Style - Leverlock Engineers					
Model No.	Length	Width (in.)	Graduation (in.)	Order No.	Price
STHT30759L	25'	1	1/16	**KP441610**	Price

Style - Leverlock Magnetic Tip					
Model No.	Length	Width (in.)	Graduation (in.)	Order No.	Price
STHT33281L	25'	1	1/16	**KP441620**	Price

Lufkin Series 1000 Power Tapes

- Toggle lock button
- Four rivet Quad-Hook™ on 1″ wide blades
- Graduated 1/16″ top edge
- Graduated to 1/16″ bottom edge, first 12″ to 1/32″ (except 1 blades)
- Hi-Viz® orange case



Blade Dimension	Replacement Blade	Order No.	Price
1/2 x 10'	-	**MZ50PHV1023CME**	Price
1/2 x 10'	-	**MZ50PHV1010**	Price
1/2 x 12'	-	**MZ50PHV1012**	Price
3/4 x 12'	R1312	**MZ50PHV1312**	Price
3/4 x 16'	RW325	**MZ50PHV1316**	Price
1 x 25'	-	**MZ50PHV1425**	Price
1 x 26'	-	**MZ50PHV1048CME**	Price
1 x 30'	-	**MZ50PHV1430**	Price

Lufkin Control Series Tape Measures

- The Drag Strip™ access opening on the bottom of the tape allows users to regulate blade feed and return with their fingertip for greater control
- Rigid extra wide blade provides 10' of standout
- Wide end hook holds better and makes marking easier
- D-ring for tether strap or easy hanging storage
- Durable molded case allows for added control and grip



Size	Type	Order No.	Price
3/4 x 16'	English	**MZ50CS8516**	Price
1-3/16 x 25'	English	**MZ50CS8525**	Price
1-3/16 x 26' (8M)	Metric/English	**MZ50CS8525CME**	Price

Lufkin Economy Tapes

- Contour grip case
- Hi-Viz® Orange
- Graduated to 1/16″ bottom edge, first 12″ to 1/32″ (standard read)

† Quickread tape in blue



Blade Dimension	Order No.	Price
1/2 x 10'	**MZ50L610**	Price
3/4 x 16'	**MZ50L616**	Price
1 x 25'	**MZ50L625**	Price
1 x 25'	**MZ50QRL625MP†**	Price

Lufkin Autolock 25' Measuring Tape

- Non-slip rubber grip & Hi-Viz® ABS plastic body
- Automatic blade lock
- Recessed lock release to reduce accidental retraction



Type	Order No.	Price
Standard Autolock	**MZ50AL725**	Price
Autolock with Magnetic Tip	**MZ50AL725MAG**	Price

Lufkin Magnetic Tip 25' Measuring Tape

- Non-slip rubber blade lock button
- Magnetic end hook features powerful dual magnets
- Non-slip co-molded rubber grip & tough Hi-Viz® orange ABS plastic body



Order No.	Price
MZ50L725MAG	Price

Lufkin Self Centering Tape

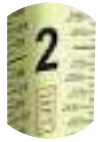
- The top edge is standard measurement, bottom edge is exactly half
- Measure on the top edge of the blade and look at the lower edge for the center



Order No.	Price
MZ50L625SCTMP	Price

Lufkin Quickread Tapes

- Toggle lock button
- Marked with fractions to 1/8″ and decimal equivalents
- Graduated feet and inches to 1/16″ top edge
- Graduated to 1/16″ bottom edge, first 12″ to 1/32″ (except 1″ blade)



Blade Dimension	Order No.	Price
3/4	**MZ50PQR1312**	Price
3/4	**MZ50PQR1316**	Price
1	**MZ50PQR1425**	Price

Lufkin XL Power Return Tape, Hi-Viz® Case, Cushion Grip

1-3/16" x 25'

- New blade designed to achieve 10' stand-out
- Soft touch lock button
- Rubber cushion absorbs impact and improved grip
- Clearcoat blade protection and 4-rivet end hook
- Easy on/off belt clip



Order No.	Price
MZ50XL8525	Price

Lufkin Mezurall®

- Graduated to 1/16″ on top and bottom edge; bottom edge to 1/32″ for the first 12″ bottom edge
- Metric/english version graduated to 1/16″ top edge, mm lower edge, decimeters in red



Blade Dimension	Case Color	Order No.	Price
1/2 x 8'	Chrome	**MZ50W928**	Price
1/2 x 10'	Black	**MZ50Y8210**	Price
1/2 x 10'	Chrome	**MZ50W9210**	Price
1/2 x 12'	Black	**MZ50Y8212**	Price
1/2 x 12'	Chrome	**MZ50W9212**	Price
1/2 (13mm) x 10' (3mm)	Chrome	**MZ50W9210ME**	Price
3/4 x 12'	Chrome	**MZ50W9312**	Price

Lufkin Chrome Clad Mezurall®

- Graduated to 1/16″ on top and bottom edge; bottom edge to 1/32″ for the first 12″ bottom edge
- Metric/english version graduated to 1/16″ top edge, mm lower edge, decimeters in red
- Chrome clad blade



Blade Dimension	Case Color	Order No.	Price
1/2 x 12'	Chrome	**MZ50C9212**	Price
1/2 x 12'	Chrome	**MZ50C9212X†**	Price

†Graduated to 1/10' in (Engineers Scale)

Lufkin Executive® Thinline Pocket Tapes

- 1/4″ Wide yellow clad blade
- Graduated to 1/16″, first 12″ to 1/32″
- 16″ Centers designated by diamonds, every 12″ in red
- Metric/english version graduated to 1/16″ inch top edge, mm lower edge



Blade Dimension	Order No.	Price
1/4 x 6'	**MZ50W606**	Price
1/4 x 8'	**MZ50W608**	Price
1/4 (6mm) x 6' (2mm)	**MZ50W606ME**	Price

Lufkin Pee Wee Pocket Tapes

- 1/4″ Wide yellow clad blade
- Graduated to 1/16″, first 1/2″ to 1/32″
- 1/16″ Centers designated by diamonds, every 12″ in red



Blade Dimension	Order No.	Price
1/4 x 6'	**MZ50W616**	Price
1/4 x 10'	**MZ50W6110**	Price

Lufkin Series 2000 Tapes

- Toggle lock button
- Four rivet Quad-Hook™ on 1″ wide blades
- Graduated to 1/16″ top edge
- Bottom edge graduated to 1/16″, first 12″ to 1/32nd inch (except 1″ blade)
- Metric/english blades upper edge graduated to 1/16″, lower edge graduated in mm
- Decimal blade upper edge to mm, lower edge to 1/10″
- Chrome finished case



- English		
Blade Dimension	**Order No.**	**Price**
1/2 x 10'	**MZ50P2210**	Price
1/2 x 12'	**MZ50P2212**	Price
3/4 x 12'	**MZ50P2312**	Price
3/4 x 16'	**MZ50P2316**	Price
1 x 25'	**MZ50P2125**	Price
1 x 33'	**MZ50P2133**	Price

- Metric/Decimal		
Blade Dimension	**Order No.**	**Price**
13mm (1/2) x 3mm (10')	**MZ50P2210MEX**	Price

- Metric/English		
Blade Dimension	**Order No.**	**Price**
13mm (1/2) x 3mm (10')	**MZ50P2223CME**	Price
19mm (3/4) x 5mm (16')	**MZ50P2335ME**	Price

Lufkin Hi-Viz® Universal Lightweight Tapes

- Hi-Viz® orange case
- Yellow clad blade with hook ring
- Graduated to 1/8″ with instantaneous foot reading, 16″ centers indicated by a diamond
- Replacement blade for 50' - OY50
- Replacement blade for 100' - OY100



Blade Dimension	Order No.	Price
3/8 x 50'	**MZ5050**	Price
3/8 x 100'	**MZ50100**	Price

Lufkin 3/8" x 100' ProSeries 3:1 Ratio Long Steel Tape

- 3:1 Gear ratio for fast blade retrieval
- Precise, easy to read black and red blade markings
- Premium steel blade resists kinks



Order No.	Price
MZ50PS100S	Price

Lufkin Speedwinder Tapes

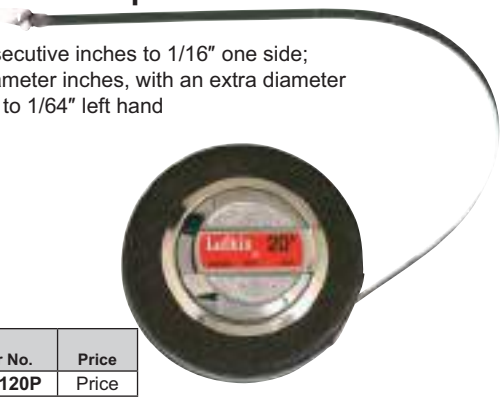
- Impact-resistant self-standing orange/black case
- Heavy-duty yellow clad blade protected by an abrasion resistant coating (.008" / 0.02mm thick)
- Extends and rewinds in less time than conventional long steel tapes
- Easy-to-read bold black markings



Size	Graduation	Order No.	Price
3/8 x 50'	8ths & 16ths	**MZ50HYT50**	Price
3/8 x 50'	8ths front, mm & cm back	**MZ50HYT15CME**	Price
3/8 x 100'	8ths & 16ths	**MZ50HYT100**	Price
3/8 x 100'	10ths & 100ths	**MZ50HYT100D**	Price
3/8 x 100'	8ths front, mm & cm back	**MZ50HYT30CME**	Price
3/8 x 164'	8ths front, mm & cm back	**MZ50HYT50CME**	Price

Lufkin Artisan Diameter Tape

- Nubian® blade
- Graduated consecutive inches to 1/16" one side; other side to diameter inches, with an extra diameter inch subdivided to 1/64" left hand



Blade Dimension	Order No.	Price
3/8 x 240'	**MZ50120P**	Price

Lufkin Banner Diameter Tape

- Rugged, vinyl-covered steel case
- Large easy winding drum with a nylon roller guide
- Yellow clad blade with folding hook ring (banner only)
- Graduated to 1/8" with instantaneous foot reading, 1/16" centers indicated by a diamond



Fits - English		
Blade Dimension	Order No.	Price
3/8 x 50'	**MZ50HW223**	Price
3/8 x 100'	**MZ50HW226**	Price

Fits - Metric/English		
Blade Dimension	Order No.	Price
3/8 (10mm) x 50' (15m)	**MZ50HW223ME**	Price
3/8 (10mm) x 100' (30m)	**MZ50HW226ME**	Price

Lufkin Home Shop Tape



Blade Dimension	Order No.	Price
3/8 x 50'	**MZ50HW50**	Price
3/8 x 100'	**MZ50HW100**	Price

Empire Power Grip Tapes

- Molded thick rubber boot fits comfortably in hand for better control, absorbs impact
- Rubber boot
- Bold, clear numbers on bright yellow blades
- Rigid blade provides excellent stand-out, with protective acrylic coating



	Fractional Read			Standard Read		
Length	Color	Order No.	Price	Color	Order No.	Price
16'	Gray	**KP757517**	Price	Black	**KP757516**	Price
25'	Gray	**KP757526**	Price	Black	**KP757525**	Price
30'	Gray	**KP757531**	Price	-	**-**	

Empire Open Reel Fiberglass Tapes

- Heavy-duty construction
- High impact resistant ABS body
- Printed two sides, inch and engineer's 1/10th foot scale.
- Fiberglass tape will not rot, corrode, or distort
- Numbers and graduations are printed in black on white blade
- Yellow case with comfortable rubber hand grip



Length	Width	Order No.	Price
100'	1/2 Open Reel	**KP756799**	Price
200'	1/2 Open Reel	**KP756820**	Price
300'	1/2 Open Reel	**KP756830**	Price

KOMELON The Professional™ Power Tapes

- Impact resistant case construction designed for comfort and strength
- Nylon coated blade for maximum durability
- Inch/metric scale



Model No.	Width	Length	Order No.	Price
4912IM	5/8	12'/3.5m	**MZ554912IM**	Price
4916IM	3/4	16'/5m	**MZ554916IM**	Price
4925IM	1	25'/7.5m	**MZ554925IM**	Price
4930IM	1	30'/9m	**MZ554930IM**	Price

KOMELON Self Lock™ Evolution Power Tapes

- Automatic blade lock
- Easy to work thumb puch button retrieval
- Nylon coated blade for maximum durability
- Ergonomically designed case
- Hi-viz blade color
- Dual end hook
- Printed on both sides of blade



Model No.	Width	Length	Order No.	Price
EV28116	1	16'	**MZ55EV28116**	Price
EV2825	1	25'	**MZ55EV2825**	Price
EV2830	1	30'	**MZ55EV2830**	Price

KOMELON Monster MagGrip™ Magnetic Tapes

- Magnetic dual end hook for easier one-person measurement
- Double-sided printing provides precise marking and line drawing
- Rubberized case protects end hook and button
- Nylon coated blade for maximum durability



Model No.	Width	Length	Order No.	Price
7116	1	16'	**MZ557116**	Price
7125	1	25'	**MZ557125**	Price
7130	1	30'	**MZ557130**	Price

KOMELON Power Blade™ II Power Tapes

- Super compact wide blade tape
- High viz color on chrome color case
- Large read numbers
- Printing on both sizes of blade



Model No.	Width (in.)	Length	Order No.	Price
81416	1-1/16	16'	**MZ5581416**	Price
81425	1-1/16	25'	**MZ5581425**	Price
81430	1-1/16	30'	**MZ5581430**	Price

KOMELON Flat Tape Adhesive Back

- Flat steel measuring tape with adhesive back
- Apply to any clean surface
- Tape is 1/2” wide and 12’ in length



Order No.	Price
MZ55F12	Price

KOMELON Measuring Wheel

- Lightweight, durable and comfortable to use
- Wheel is made of corrosion resistant ABS, PVC
- 5-Digit counter with telescoping handle
- Protective outer jacket
- Measures in feet/inches
- 14” Diameter wheel
- Counter measures to 10,000 feet

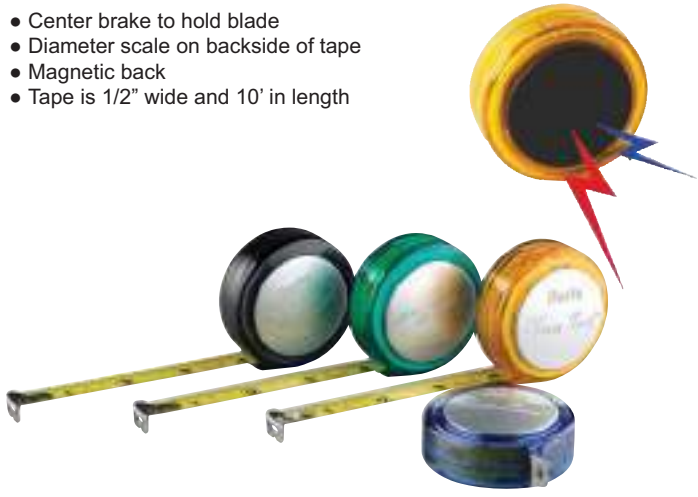




Order No.	Price
MZ55MK4512	Price

KOMELON Touch Lock™ Power Tape

- Center brake to hold blade
- Diameter scale on backside of tape
- Magnetic back
- Tape is 1/2” wide and 10’ in length



Order No.	Price
MZ553110	Price

Starrett® Exact® Tape Measures

- Graduated in 16ths
- Nylon coated blade provides twice the abrasion resistance as other tapes
- High impact resistant ABS plastic case and rubber plastic overmolding
- Includes steel belt clip



Blade Width	Order No.	Price
1/2" x 12'	**MV8030649**	Price
3/4" x 16'	**MV8060400**	Price
1" x 25'	**MV8030654**	Price
1" x 30'	**MV8030657**	Price
1" x 35'	**MV8030658**	Price

Starrett® Exact® Plus Tape Measures

- Graduated in 16ths
- Wider blade providing a 9' standout
- Nylon coated blade provides 6X abrasion resistance
- PC-ABS plastic case and heavy overmolding
- Positive lock holds blade firmly in place
- Black anodized steel belt clip



Size	Model No.	Order No.	Price
1.06" x 16'	KTXP106-16N	**MV8030636**	Price
1.06" x 25'	KTXP106-25N	**MV8030638**	Price
1.06" x 30'	KTXP106-30N	**MV8030641**	Price
1.06" x 35'	KTXP106-35N	**MV8030645**	Price

Starrett® Steel Blade Long Tapes

510 Series • Closed Reel

- High visibility ABS plastic case
- Steel blade provides precise measurement up to 100'
- Easy to read 1/8" graduations
- Included folding hook



Size	Model No.	Order No.	Price
3/8" x 50'	KTS510-50-N	**MV8030618**	Price
3/8" x 100'	KTS510-100-N	**MV8030622**	Price

Starrett® Exact® Plus Steel Blade Long Tape

511 Series • Closed Reel

- Features 4X faster blade retraction
- 1/8" Graduations
- Easy-to-read aluminum colored nylon clad rigid blade
- Folding hook with snap for storage



Size	Model No.	Order No.	Price
1/2" x 100'	KTXP511-100-N	**MV8030601**	Price

Starrett® Exact® Steel Blade Long Tapes

530 Series • Closed Reel

- Vinyl clad steel case
- Nylon rollers to reduce blade wear
- Easy to read 1/8" graduations
- Folding ring hook



Size	Model No.	Order No.	Price
3/8" x 50'	530-50	**MV8065945**	Price
3/8" x 100'	530-100	**MV8065946**	Price

Starrett® Fiberglass Blade Long Tape

538 Series • Closed Reel

- Features 4X faster blade retraction
- 1/8" and 1/100" Graduations
- Rubber plastic overmolded on ABS plastic case
- Folding hook ring with snap for storage



Order No.	Price
MV8030615	Price

Starrett® Exact® Torpedo Level

Magnetic Frame

- Measures 9-1/2" (240mm)
- Finished with an aluminum frame and red high visibility paint
- Impact resistant ABS plastic end caps
- Vertical, horizontal, and 45° vials
- Milled top surface finished with a V-groove
- Magnetic bottom surface



Order No.	Price
MV8030727	Price

Starrett® Exact® Plus Torpedo Level

Magnetic Frame

- Measures 10" (250mm)
- Manufactured with a sturdy die cast enclosed aluminum frame with durable powder coat paint
- Vertical, horizontal and 45° vials
- Includes milled top surface finished with a V-groove
- Magnetic bottom surface



Order No.	Price
MV8030726	Price

Starrett® Torpedo Level

Aluminum and Plastic Frame

- Measures 9" (225mm)
- Manufactured with extruded aluminum frame with high visibility yellow and red ABS plastic construction for impact resistance
- Vertical, horizontal and 45° vials
- V-grooved top surface and magnetic bottom surface



Order No.	Price
MV8030728	Price

Bullseye™ Circular Levels

- All purpose, 360° vial level in all directions
- Sturdy plastic construction
- Large sight for ease of reading
- Use on ranges, refrigerators, washers, dryers, stereos, RV's



Item	Description	Order No.	Price
Empire	1-3/4 Diameter	**KP753604**	Price
Starrett	1-3/4 Diameter	**MV8036078**	Price

STANLEY Torpedo Levels

- Top Reading Vials; 9" - 3 Vials (1 Plumb, 1 level, 1-45°)



Model No.	Description	Order No.	Price
42-264	Magnetic Base - Plastic Frame; Black	**KP441540**	Price
42-465	Magnetic Base - Cast Aluminum Frame	**KP443100**	Price

STANLEY FatMax® Xtreme® Torpedo Level

- Die cast aluminum body
- Rare earth magnets for ultimate holding power
- 180° Rotating vial to duplicate angles
- Pipe groove for use on rounded surfaces
- 3 Solid acrylic block vials
- Length: 11-3/4"



Model No.	Order No.	Price
43-609M	**KP444135**	Price

Empire 9" Heavy Duty Magnetic Torpedo Level

- True Blue® vials are accurate to within .0005″ per inch in all 10 level and plumb working positions
- Heavy duty extruded aluminum frame, top read window
- Vials read plumb, level and 45°
- Strong-holding magnetic edge
- V-grooved working edge fits on pipe or conduit



Order No.	Price
KP759919	Price

Empire Pocket Level

- Strong molded frame
- Top read window
- Overall length 5″
- Durable pocket clip



Order No.	Price
KP75845	Price

Empire 9" Magnetic Torpedo Level

- Durable acrylic vials read plumb, level and 45°
- Solid aluminum frame, 9″ overall length, top read window
- Magnetic edge frees hands



Order No.	Price
KP755819	Price

Empire 9" Magnetic Torpedo Level

- Strong, accurate 9″ POLYCAST™ frame
- Non-conductive frame insulates from heat, cold and electrically
- Strong holding magnetic edge
- Vials read plumb, level and 45°



Order No.	Price
KP753319	Price

Empire 12" Magnetic Tool Box Level

- True Blue® vials are accurate to within .0005″ per inch in all 10 level and plumb working positions
- Heavy duty 12″ extruded aluminum frame, top read windows
- 4 Vials read plumb, level, 45°, and VARI-PITCH™
- Powerful, full-length magnetic edge
- VARI-PITCH™ vial reads slope in 1/8″ increments



Order No.	Price
KP7599112	Price

Fowler 9" Electronic Level

XTRA-VALUE

Fowler's 9" Laser Level provides instant 4 x 90° digital inclination display. With embedded magnets on its measuring surface, a beamsplitter projects a 90° laser cross hair for leveling at a distance. It also includes a 1/4-20 mount for tripod use.



- Measuring range: 4 x 90°
- Resolution: .05°
- Accuracy: ±.2°
- Repeatability: ±.05°
- Standard 9 volt battery (250 hours life)
- Dimensions: 9"L x 1"W x 2-1/4"H
- Includes two way level and plumb vials
- Reversible reading for inverted use
- Bar not included

Order No.	Price
NA5554440600	Price

360° Digital Level/Protractors

- Instant LCD display of level, tilt, true vertical or any angle in between to highest accuracy, 1/10 of a degree reading
- Deviation from true plane is measurable through full 360° (4×90°)
- Floating zero-provides zero selection anywhere within its 360° range
- Hold button
- Reset plus Superset self-calibration modes
- Battery (included)
- Low battery indicator
- Automatic shut-off

SPECIFICATIONS
Measuring Range . 360° (4×90°)
Resolution . . . . . 0.1°
Accuracy . . . . . 0-10° ±0.1°
11-79° ±0.2° 80-90° ±0.1°
Repeatability 05
Cross Axis Error . . . . Less than 2° up to 20°
Operating Temperature
Range . . . . . –5° to +50°C
Storage Temperature
Range . . . . . –20° to +60°C
Size . . . . . 6.0×1.2×1.9″ high
Weight . . . . . 10.2 oz.



Brand	Description	Order No.	Price
Mitutoyo	Digital Protractor w/o SPC	**MT80950-317**	Price
	Digital Protractor w/ SPC Output	**MT80950-318**	Price
md	Digital Level w/o SPC	**NA42360**	Price

Starrett Pocket Levels

- Available in 2-1/2” and 3-1/2” sizes made from hexagonal stock 3/8” and 1/2” inch wide respectively
- Made with convex ends



Starrett No.	Size (in.)	Description	Order No.	Price
135A	2-1/2	With Main Vial	**MV7050570**	Price
135B	3-1/2	With Main Vial	**MV7050571**	Price

Empire Line Level Set

- Lightweight construction minimizes line sag
- Unbendable open hooks allow level to slide freely
- Pocket clip helps prevent loss
- Use for landscaping, plumbing, masonry work, gutters, and sheet metal work
- VARI-PITCH™ vial reads from level to 1/2″ ptich in 1/8″ increments



Order No.	Price
KP7583038	Price

Empire 580/581 Series Aluminum Levels

- Advanced frame design assures accuracy
- Top read window
- Beveled end plates protect vials from shock
- 581 Series feature full length magnetic strips



Description	Order No.	Price
24" Aluminum	**KP7558024**	Price
24" Magnetic Aluminum	**KP7558124**	Price
48" Aluminum	**KP7558048**	Price
48" Magnetic Aluminum	**KP7558148**	Price
72" Aluminum	**KP7558072**	Price
72" Magnetic Aluminum	**KP7558172**	Price

Empire e70/em71 Series Levels

- True Blue® vials are accurate to within .0005″ per inch in all ten level and plumb working positions
- 300° View top-reading level vial
- Solid block acrylic vials won’t break, leak or fog
- Milled edges for accuracy
- Dual molded rubber endcaps for extreme shock resistance
- Ergonomic rubber hand grips
- em71 Series magnetic levels have rare earth magnets for super-strong holding onto ferrous surfaces



Description	Order No.	Price
24" e70 Level	**KP75E7024**	Price
24" Magnetic em71 Level	**KP75EM7124**	Price
48" e70 Level	**KP75E7048**	Price
72" Magnetic em71 Level	**KP75EM7178**	Price

Empire e80/em81 Series Heavy Duty Aluminum Levels

- True Blue® vials are accurate to within .0005″ per inch in all ten level and plumb working positions
- Super strong anodize I-beam frame
- Shock-absorbing end plates
- Top read window
- em81 Series levels feature strong holding magnetic edges



Description	Order No.	Price
24" Heavy Duty Aluminum Level	**KP7588024**	Price
24" Heavy Duty Magnetic Aluminum Level	**KP7588124**	Price
48" Heavy Duty Aluminum Level	**KP7588048**	Price
48" Heavy Duty Magnetic Aluminum Level	**KP7588148**	Price

md Macklanburg-Duncan Levels

SMARTTOOL The Only Level That Reads All Angles

- **SMARTTOOL™** SmartTool™ digitally displays degrees, percent slope and pitch to 1/10 degree accuracy
- Extremely durable, it will keep its accuracy for years with push button calibration
- Features audio sound at level and plumb
- Comes with standard 9 Volt battery
- NA4292346 Module can be used alone or with NA4292288 and NA4242296



Description	Order No.	Price
Magnetic Bracket for NA4292346	**NA4292395**	Price
Module	**NA4292346**	Price
Sensor Module in a 24" Rail	**NA4292288**	Price
Sensor Module in a 48" Rail	**NA4292296**	Price

PROCHECK PREMIUM 360° Digital Level / Protractor



- IP65 Water & dust resistance
- Military grade alloy surfaces
- Alloy contracted body
- V groove surfaces
- Strong magnetic base
- Digital Level Sensor
- Anodized finish
- Precision lapping
- Micro USB Charging
- Rechargeable Battery
- Tilt Range: 0°-90° x 4
- Resolotuion: 0.05°
- Repeatability: 0.1°
- Size 6 x 2.4 x 1.2”
- HAZ05
- 1 Year Warranty

IP65

Model No.	Accuracy	Type	Order No.	Price
06LP360R	0.2°	360° Digital Level Protractor	**PC2306LP360R**	Price
06LP360RW	0.2°	360° Digital Level Protractor with Wireless Connect	**PC2306LP360RW**	Price

Suburban Magnetic Cylinder Squares

Checks Squareness to 50 Millionths Inch

- Designed to easily check squareness
  4-1/2 to 4-1/4”
  1-1/2 to 1-7/16”
  3-1/2 to 3-3/8”
- From steel selected and normalized to insure stability and uniformity

MADE IN THE USA



Length (in.)	Base Dia. (in.)	Shaft Dia. (in.)	Order No.	Price
4-1/4	1-7/16	1/2	**NJ50MCS4**	Price
6-1/2	3-3/8	1	**NJ50MCS6**	Price

PROCHECK Cylinder Squares

- The squares are hardened and ends are lapped to 90° angular accuracy with the cylinders as follows:
  6″ square to ±.00010”
  12″ square to ±.00015”
- Includes fitted case
- These cylindrical squares are used in surface plates as a 90° reference angle
- Can be used for checking squares, height gages and many other instruments



Dia. Sq. x Ht. (in.)	Weight	Order No.	Price
3 x 6	15 lbs	**NN852750006**	Price
4 x 12	44 lbs	**NN852750012**	Price

PROCHECK Master Precision Levels

This is a Master Precision Level for accurately checking the work of machinists and toolmakers, the setting up of machinery, and other work that requires extreme leveling accuracy.

- The main level vial is graduated to 10 second accuracy (1 division equals .0005″ per foot)
- This is an auxiliary level which enables the user to check side declinations
- The body of the level is of cast iron and the base is hand scraped for extreme accuracy
- There are plastic knobs on the frame to insulate the instrument from the heat of the hand
- Includes fitted case



Size (in.)	Order No.	Price
8	**NN952422008**	Price
12	**NN952422012**	Price

PROCHECK Mini Magnetic Level / Protractor

- 2-in-1 Digital level & protractor
- 4-Side measuring with magnets on 3 side
- Aluminum alloy body
- Large clear LCD display, reversible reading
- Measuring range: 4 X 90°, repeatability: 0.1°
- Resolution: .05°, accuracy: ± 0.2°
- Standard 9V battery included
- 1 Year Warranty



Resolution	Sensitivity	Accuracy	Reading	Order No.	Price
.05°	+/- .1°	+/- .1°	360° (4x90°)	**PC23MLP360**	Price

Starrett Machinist Levels

- Main vials are ground and graduated and adjustable to a positive setting
- V-groove running the length of the level base
- Cross test vial (except 4” model)
- Main level vials have graduations that are approximately 80-90 seconds or .005”/foot(0.42mm/meter)



Description - Without Certification			
Starrett No.	Size (in.)	Order No.	Price
98-4	4	**MV7050440**	Price
98-6	6	**MV7050441**	Price
98-8	8	**MV7050442**	Price
98-12	12	**MV7050443**	Price
98Z-12	12 w/case	**MV7050444**	Price
98-18	18	**MV7050445**	Price
98Z-18	18 w/case	**MV7050446**	Price

Description - With Standard Letter of Certification			
Starrett No.	Size (in.)	Order No.	Price
98-6W/SLC	6	**MV7066935**	Price
98-12W/SLC	12	**MV7066934**	Price
98Z-12W/SLC	12 w/case	**MV7066933**	Price

Starrett Master Precision Levels

- Ground and graduated main vial of 10 second accuracy–one division equals .0005″ per foot
- Auxiliary level vial shows lateral position as guide to horizontal setting
- Insulated from handling by non-conductive top plate
- Level vials positioned to reduce breakage
- Made of seasoned cast iron
- Base carefully machined and scraped
- Black wrinkled finish on non-working surfaces
- Length of base 15”, width of base 1-5/8”, height of level 3”



Starrett No.	Order No.	Price
199Z	**MV7050719**	Price
199ZW/SLC	**MV7066932†**	Price

Sent in finished wood case
†With Standard Letter of Certification

Fowler Mini-Mag Protractor

The mini-MAG Protractor provides instant 360° digital inclination display of any angle with the additional unique feature of embedded magnets on two sides.



- Embedded magnets with 35 lb. pull
- Measuring range: 360° (4 x 90°)
- Resolution: .05°
- Accuracy: ± .1°
- Repeatability: ± .1°
- Voltage: standard 9V battery (250 hrs.)

Order No.	Price
NA55544224501	Price

Fowler Mini-Mag Plus Protractor

- IP54 protection against debris and fluids
- USB rechargeable battery with status light (cable included)
- Backlit display
- Tilt % function
- Auto-off after 5 minutes
- Embedded magnets on sides and bottom (3.5 lbs pull)
- Measuring range 360° (4 x 90)
- Display automatically inverts
- Resolution: 0.05°
- Accuracy: ±0.2°
- Repeatability: 0.05°
- Hold feature
- Zero function
- Smaller size (2.12 x 2.12 x 0.9")
- Light weight: 2.7 oz.
- Anodized alloy housing



Order No.	Price
NA5554422500	Price

Fowler Digi-Level

XTRA-VALUE

- Provides instant 360° digital inclination display of any angle, aluminum housing, with large LCD, reading hold, absolute 0° at sea level
- Measuring range: 360° (4 x 90°)
- Resolution: .05°
- Accuracy: ± .2° maximum error
- Repeatability: ±.1°
- Dimension: 4" L x 1" W x 3" H
- Voltage: standard 9V battery
- Battery life: up to 250 hrs
- Operating temp: -5°C to 50°C (23°F to 122°F)
- Storage temp: -20°C to 65°C (-4°F to 17°F)
- Weight: 1.1 lbs
- Supplied in vinyl pouch



Order No.	Price
NA5554422444	Price

Fowler Clinotronic Plus

WYLER

- Resolution of 0.01° (selectable)
- Adjustable base depth
- Display: use any units common to inclination measurements
- Desired units selected by push button
- Automatic setting of zero by push button command.
- Absolute or relative measuring mode selectable by push button
- Built-in calibration program
- Seal-tec technology for excellent performance in difficult environmental conditions
- Interface connection RS-232 is integrated. Special purpose cables available.
- Low battery indication
- No loss of calibration data by power failure
- Price includes calibration cable and case

Technical Specifications



- Measuring range/capacity: ±45°/0-360°
- Response time: Value available within 5 seconds
- Sensitivity: Depending on units set -.01°
- Repeatability: <.01°
- Linearity: Within 3 min. of arc
- Temp. coefficient: Less than 0.01°/°C
- Data output: Serial
- Battery: Standard AA 1.5V alkaline/130hrs or AA 3.0V Mn02-lithium (for longer operation - 300 hrs.)
- Housing: Aluminum hard anodized
- Dimensions: 4 x 3 x 1" (100 x 75 x 30mm)
- Weight: 13 oz. (380 grams)
- Temp. range: Operational 0 to 4°C

Order No.	Price
NA5554635601	Price

Fowler Magnetic Precision Spirit Level

WYLER

- Sensitivity: 4 sec., .0002"/ 10", .02mm/m
- Overall Dimensions: 5-7/8" x 1-9/16" x 5-7/8"
- Checks and levels cylinder, horizontal and verticle surfaces
- One prismatic and one flat measuring surface
- Magnets insure complete adherance to vertical surfaces of parts and vertical arbors or shafts. Operators on milling and boring units, inspectors and fitters work with free hands
- Includes fitted case



Order No.	Price
NA5553422048	Price

Fowler Spirit Level

WYLER

- Sensitivity: 10 sec., .0005"/ 10", 0.05mm/m
- Overall dimensions: 4" x 1-3/8" x 4"
- Two prismatic sides
- Insulated handle
- Ultra high quality
- Handscraped by Swiss craftsmen
- Clear view of the main vial can be observed not only from above but also from both sides-this full view allows position of the bubble to be read easily
- Includes fitted case



Order No.	Price
NA5553422058	Price

Fowler Cross Spirit Levels

- Used for leveling machines & other apparatus
- Screw-on type
- Fluid resistant
- Light weight



WYLER

Length (in.)	Width	Thickness	Sensitivity	Order No.	Price
3.15	2.64	.667	.001 / 10 (.1mm/m 20 sec)	NA5552422078	Price
6	2.64	1.18	.0002 /10 (.02mm/m, 4 sec)	NA5552422079	Price

Starrett® Key Caddy

- Heavy duty die cast case
- 21" Stainless steel chain
- Large key ring
- Belt clip
- Returns keys and other articles automatically
- Great for welders to carry torch ignitors

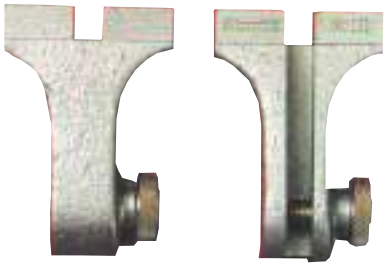


Order No.	Price
MV8063135	Price

Starrett® Stair Gage Fixture Attachments

For rafter and framing squares

- A pair of these fixtures clamped to a carpenter's framing or rafter square forms a handy gage for laying out stair stringers, hip, valley and other rafter cuts plus many other unusual cuts
- Furnished in pairs — one right and one left hand



MADE IN THE USA

Width Slot (in.)	Length (in.)	Order No.	Price
3/16	1-7/8	**MV7050476**	Price

PROCHECK® Mechanical Production Counters

Hand Tally Type:

- Each time thumb lever is depressed a unit appears on dial
- Chrome finish
- Registers 0 to 9999

Machine Type:

- Arm and spring actuate counter
- Knob resets to zero
- 4 flange holes for rigid mounting
- Arm may be in any position
- Registers 0 to 99999



Type	Digit	Order No.	Price
Hand	4	**MB50251**	Price
Machine	5	**MB50250**	Price

Brass Plumb Bobs

- Lacquered finish to resist corrosion
- Ties easily to any string or line
- Extra hardened steel tip included
- Used for installing deck posts, support beams, plumbing, etc



Empire GENERAL

Weight (oz.)	Empire		General	
	Order No.	Price	Order No.	Price
8 oz	**KP75908BR**	Price	**NE508008**	Price
12 oz	**KP75912BR**	Price	**NE5080012**	Price
16 oz	**KP75916BR**	Price	**-**	-
24 oz	**KP75924BR**	Price	**-**	-

KEY-BAK® Key Reels and Holders

- A secure way to manage frequently used keys, tools, and devices
- These retractors and holders offer various mounting options for ease of use and security
- Each retractor is tested in excess of 100,000 pulls



RP650003011 RP650005005 RP650005011 RP650007023 RP650308201 RP650485821 RP650487022 RP650488803 RP650S48803

Description	Retraction Force	Attachment Type	Application	Includes	Order No.	Price
24" (Extended) Stainless Steel Chain Reel w/Belt Clip for Torch Striker or Similar (Tool not included)	8 to 10 oz	Belt Clip	Holds torch striker (Not Included) and other Small Tools	Split Ring	**RP650005005**	Price
24" (Extended) Stainless Steel Chain Tool Reel w/Bracket Mount (Chuck Key not Included)	8 to 10 oz	Bracket Mount	For Holding Drill Chuck Keys (Chuck Key not Included)	Plastic Clamp	**RP650007023**	Price
24" (Extended) Stainless Steel Chain Key Reel w/Belt Clip	8 to 10 oz	Belt Clip	For Holding Keys	Split Ring	**RP650005011**	Price
24" (Extended) Stainless Steel Chain Key Reel w/Belt Loop	9 to 10 oz	Belt Loop	For Holding Keys, Flash Light And Small Hand Tools	Split Ring	**RP650003011**	Price
48" (Extended) Kevlar Cord Key Reel w/Belt Clip	8 to 10 oz	Belt Clip	For Holding Keys, Flash Light And Small Hand Tools	Split Ring	**RP650485821**	Price
Bracket Mount, 48" (Extended) Stainless Steel chain Tool Reel w/ Bracket Mount, Large swivel	8 to 10 oz	Bracket Mount	Gauge And Tool Holder, Theft Deterrent	Large Yoke	**RP650487022**	Price
Carabineer Clip with Split Ring	-	Caribeener and Split Ring	For Holding Keys, Flash Light And Small Hand Tools	Split Ring	**RP650308201**	Price
Securit 48" (Extended) Kevlar Cord Retractor w/ Carabineer Clip	8 to 10 oz	Caribeener	For Holding Keys, Flash Light And Small Hand Tools	Split Ring	**RP650488803**	Price
Super 48" (Extended) Kevlar Cord Key Reel w/Belt Clip	8 to 10 oz	Belt Clip	For Holding Keys, Flash Light And Small Hand Tools	Split Ring	**RP650S48803**	Price

MAG-MATE Extended Reach Pocket Mirrors

- Each rotates 360˚, swivel 180˚, slim profile for tight spots
- Non-slip, solvent-resistant comfort grip
- NE70321S-A can be bent to a permanent position or remove inside stiffening wire to snake into position, NE70306TR has a pocket clip handle, NE70316M is a glass 3x magnifier, NE703714SW is a large, dolly mounted, inspection mirror with swivel wheels, 3" clearance, and a flashlight clip on handle



Style	Mirror (in.)	Ln. (in.)	Extended (in.)	Material	Wt. (lbs.)	Order No.	Price
A	1-1/2	4-1/2	24	Glass	.07	**NE70306TR**	13.66
B	2 x 2	7	29	Acrylic	.21	**NE70312A**	12.29
C	2-1/2 x 2	7-1/4	36-1/2	Magnifier	.18	**NE70316M**	19.11
D	2 x 1-1/4	6-1/2	36-1/2	Glass	.17	**NE70315**	10.04
E	3 x 2-1/4	7-1/2	36-1/2	Glass	.15	**NE70316**	16.81
F	3-1/2 x 2-1/2	7-1/4	32-3/4	Glass	.21	**NE70318**	17.91
G	3-7/8	15-3/4	32-1/2	Glass	.51	**NE70375**	37.22
H	2-1/2 x 1-7/8	25	25	Acrylic	.35	**NE70321SA**	25.77
J	2-1/4	7-1/16	14-1/4	Glass	.25	**NE70309TR**	18.52
K	1 x 1-1/2	11	-	Glass	.18	**NE70311**	22.10
L	1-3/4 x 2-1/2	16-1/4	-	Glass	.20	**NE70317**	23.81
M	7 x 14	49	74	Glass	5.25	**NE703714SW**	183.85
O	7/8	8	8	Glass	-	**NE70302**	11.68

MAG-MATE Inspection Tool Kits

- Telescoping tools, mirror or magnifier, and Rare Earth magnetic retriever in a kit!
- Non-slip, solvent resistant grips
- Foam-lined snap-lock case
- Magnet diameter is 5/8" except as noted below

Note: NE70MMK200 is non-conduction nylon construction, including the grip, and does not come in a case, magnet is 5/16" dia.. NE70MMK301 contains a lighted magnetic pick-up tool, 4-jaw, 7/16" dia., 8-3/4" mechanical finger retriever and round magnifying inspection mirror, and magnet is 11/16" dia..



NE70MMK201

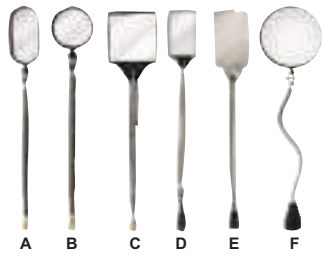


NE70MMK204

Mirror or Magnifier (in.)	Description	Lift (lbs.)	Shaft	Style	Length (in.)	Extended Length (in.)	Order No.	Price
1-1/2	Glass Mirror	1	Nylon	Swivel Magnet Head	8-1/4	8-1/4	**NE70MMK200**	17.58
2-1/2 x 1-3/4	Acrylic Mirror	14	Stainless Steel	Fixed Magnet Head	7-1/2	34	**NE70MMK201**	46.56
2-1/2 x 1-3/4	3X Magnifier	14	Stainless Steel	Fixed Magnet Head	7-1/2	34	**NE70MMK202**	46.56
2-1/2 x 1-3/4	Acrylic Mirror	14	Stainless Steel	Swivel Magnet Head	7-1/2	34	**NE70MMK203**	50.76
2-1/2 x 1-3/4	3X Magnifier	14	Stainless Steel	Swivel Magnet Head	7-1/2	34	**NE70MMK204**	50.76
2-1/2	3X Magnifying Mirror	22	Stainless Steel	Fixed Magnet Head	7	36	**NE70MMK301**	66.72

MAG-MATE Inspection Mirror/Magnet Combination Tools

- Ideal to see behind, underneath or around machinery
- These telescoping inspection mirrors have powerful Rare Earth magnets on the opposite end, use the magnet to retrieve metal items or as a magnetic base to hold the inspection mirror in place



A B C D E F

Style	Mirror (in)	Material	Lift (Lbs.)	Dia. (in.)	Ln. (in)	Ext Ln. (in.)	Order No.	Price
A	2 x 1-1/4	Glass	2	5/16	6	24-1/4	**NE70315G240**	14.34
B	1-1/2	Glass	2	5/16	6	23-1/2	**NE70306G240**	13.01
C	2 x 2	Glass	2	5/16	6-1/4	28	**NE70301G240**	13.82
D	1-7/8 x 2-1/2	Acrylic	12	1/2	7-3/4	34-1/2	**NE70321A931**	38.14
E	2 x 3	Stainless	7	1/2	8-1/4	38	**NE70314S925**	37.49
F	3-7/8	Glass	20	-	14-1/4	14-1/4	**NE70375G990**	67.46

MAG-MATE Stainless Steel Inspection Mirrors

- Ideal for use in critical areas where foreign objects cannot be left behind
- FOD free and great for high heat areas
- Telescoping shafts and non-slip solvent resistant grips on all models except NE70IMS103 and NE70IMS105 which have knurled handles and bendable shafts



A1 A2 B1 B2 C D E

Style	Shape	Mirror Size (in.)	Handle	Minimum Length (in.)	Extended Length (in.)	Order No.	Price
A1	Round	3/8	Copper	11-1/2	11-1/2	**NE70IMS103**	21.56
A2	Round	1/2	Copper	12	12	**NE70IMS105**	21.63
B1	Round	1-1/4	Stainless Steel	7	35	**NE70IMS115**	21.94
B2	Round	2-1/4	Stainless Steel	7	36	**NE70IMS123**	22.19
C	Oval	2 x 1	Stainless Steel	7	36	**NE70IMS210**	22.64
D	Rectangular	2 x 2	Stainless Steel	7	35-1/2	**NE70IMS223**	22.46
E	Rectangular	3 x 2	Stainless Steel	7	37	**NE70IMS234**	22.53

MAG-MATE Read Rite™ Inspection Mirror

- Allows the user to see a non-inverted image in difficult viewing locations
- The Read Rite™ mirror shows the numbers as they would be if they were visually accessible with the eye thereby virtually eliminating deciphering and transcription errors
- Stainless steel mirror-no glass to break
- Telescoping hex rod shaft prevents mirror from swinging while in use
- Double ball hinge with adjustable tension, 360° rotation
- Dual sided- has Read Rite™ mirror on one side, regular inspection mirror on the other
- Non-slip and solvent resistant
- Mirror measures 3-1/2 x 2"
- Extendable handle reaches 15-1/2 to 28-1/2"



Order No.	Price
NE70390SS	23.85

GENERAL Glass Inspection Mirrors

- These mirrors facilitate inspection of inaccessible workpieces and machines by tool makers, inspectors and mechanics
- All glass mirrors adjust to any angle and offer chrome plated brass handles, some with cushioned grip

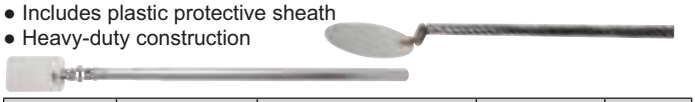


Type - Inspection Mirror				
Model	Mirror Size	Handle Length	Order No.	Price
555	1-1/4	8-1/2 (fixed)	**NE50555**	Price
557	2-1/4	10-1/2 (extends to 15")	**NE50557**	Price
558	1 x 2	9 (fixed)	**NE50558**	Price
560	3-1/2 x 2	11-1/2 (extends to 16")	**NE50560**	Price

Type - Replacement Inspection Mirror (No Handle)			
Model	Mirror Size	Order No.	Price
Replacement mirror with frame, for No.557	2-1/4	**NE50557RMF**	Price
Replacement mirror with frame, for No.560	3-1/2 x 2	**NE50560RMF**	Price

GENERAL Metal Inspection Mirrors

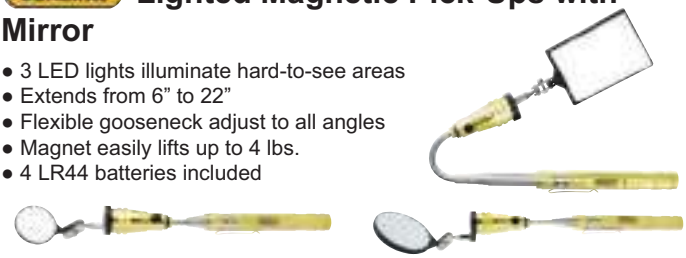
- Includes plastic protective sheath
- Heavy-duty construction



Size (in.)	Shape	OAL (in.)	Order No.	Price
1-1/4 x 2	Rectangular	9-3/4 (extends to 26")	**NE505561**	Price
3-3/4	Round	9-3/4 (extends to 26")	**NE505563**	Price

GENERAL Lighted Magnetic Pick-Ups with Mirror

- 3 LED lights illuminate hard-to-see areas
- Extends from 6" to 22"
- Flexible gooseneck adjust to all angles
- Magnet easily lifts up to 4 lbs.
- 4 LR44 batteries included



Size (in.)	Shape	Order No.	Price
1-1/2	Round	**NE5091555**	Price
2-1/2	Round	**NE5091557**	Price
2 x 3"	Rectangular	**NE5091560**	Price

GENERAL Lighted Telescoping Inspection Mirror

- 2 LED lights illuminate hard-to-see areas
- Extend to over 20"
- Flexible gooseneck adjusts to all angles
- 2 CR2032 batteries included



Size (in.)	Shape	Overall Length	Order No.	Price
2	Round	8 (extends to 23")	**NE5092557**	Price
2 x 3"	Rectangular	9 (extends to 24")	**NE5092560**	Price

GENERAL Mini Light with Magnetic Pick-up

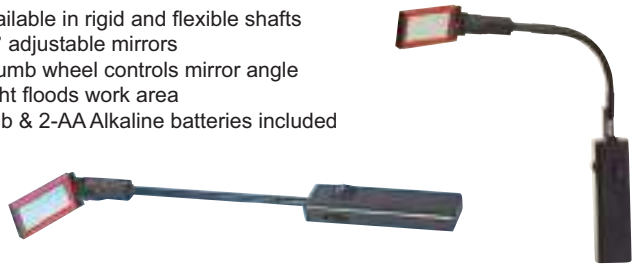
- Mini Light is fastened to a stainless steel telescoping wand molded into a rugged high-impact ABS plastic handle
- Telescope from 7-3/4" - 28-3/4" (197mm - 720mm)
- 4 "LR41" batteries



Order No.	Price
NE50759582	Price

STEELMAN Inspector Mirrors

- Available in rigid and flexible shafts
- 90° adjustable mirrors
- Thumb wheel controls mirror angle
- Light floods work area
- Bulb & 2-AA Alkaline batteries included



Length	Description	Order No.	Price
18" Flexible	Lighted inspectors mirror, 90 degree adj. Mirrors	**KE5305180A**	42.80
18" Rigid	Lighted inspectors mirror, 90 degree adj. Mirrors	**KE5305100A**	35.10

STREAMLIGHT Stylus Reach 18" Flexible Light with LED Bulb

- Includes flexible 18.75" extension cable that allows for 25.5" reach
- High-intensity LED lasts 100,000 hrs
- Powered by 3 AAAA alkaline batteries
- Runs up to 60 continuous hours
- Arctic white LED (10 lumens)
- 25.5" Extended; 13" folded
- 3.5 oz



Order No.	Price
KA5765418	37.88

GENERAL 3-1/2" x 2" Inspection Mirror with Magnetic Base



Order No.	Price
NE50MB560	Price

2 Pc. Telescopic Inspection Mirror & Magnetic Pick-up Set

- Ball joint swivel on mirror holds at any angle
- Powerful magnet picks up 2 lbs.
- 2" Inspection mirror for viewing hard-to-see areas
- Mirror telescopes from 11" to 16-1/2"



Length (in.)	Order No.	Price
7 - 21-/12	**KP8349200**	9.40

MADE IN THE USA

PROTO Inspection Mirrors

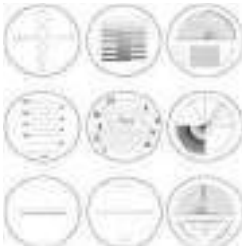
- Versatile all-angle ball joint
- Features telescoping handle (J2372 and J2373)
- With pocket clip (J2373)



Model No.	Size (in.)	Shape	OAL (in.)	Order No.	Price
J2371	1 x 2	Oval	8-3/4	**KP4270310**	7.68
J2370	7/8	Round	7-1/2	**KP4270305**	7.68
J2372	2-1/4	Round	10 - 14	**KP4270315**	11.22
J2373	2-1/8 x 3-1/2	Rectangular	11-1/4 - 15-1/2	**KP4270320**	11.22
J2374	1-1/4	Round	8	**KP4270325**	7.92

PROCHECK LED 10X Optical Comparator

With 9 Reticles





- LED lighted scale maginifer with 9 reticles
- 7 Ultra bright LEDs
- Distortion free with 10X high resolution
- View area: 1-1/4”
- Recticle diameter: 34mm
- Includes fitted case
- 1 Year Warranty

Order No.	Price
PC22L10XLED9PCS	Price

PROCHECK LED Lighted 10X Optical Comparator - Multi Scale Lens

- 8 LED ring illumination
- Multiple read reticule included*
- Knurled focus ring with cover
- Storage case included
- Supplied with (4) AG9 button type batteries



Multi read reticule includes the following scales and templates*:

- 0-90° angle and 0.01 to 10mm radius
- 10mm-0-10mm center scale
- 1/2” by 1/10th and 1/8” by 1/64th scales
- 0.1 to 1.0mm, .005” to .050” and 1/64th to 1/16th diameter templates
- 29°, 55°, 60° and 118° included angle
- 1 Year Warranty

Power	Order No.	Price
10X	**PC22L10XLED**	Price

PROCHECK 10X Optical Comparator Set

- Easy-to-use, precision focusing measuring magnifier
- Makes instant, on-the-spot measurements of linear dimensions... angles, radii and diameter
- Comes complete with R1, R5, R6, R8 and R12, 1-1/2″ replaceable reticles
- Can double as a high power magnifier



Order No.	Price
KA5210XS	Price

PROCHECK 10X Optical Comparator

- Comes with reticle R8
- In an attractive leather case



Order No.	Price
KA5210X	Price

PROCHECK 7X Optical Comparator

- Comes with reticle R8
- Leather case



Order No.	Price
KA527X	Price

PROCHECK 7X Optical Comparator Set

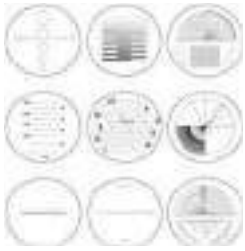
- Easy to use, precision focusing measuring magnifier
- Makes instant, on-the-spot measurements of linear dimensions... angles, radii and diameter
- Comes complete with R1, R5, R6, R8 and R12, 1-1/2” replaceable reticles
- Can double as a high power magnifier



Order No.	Price
KA527XS	Price

Fowler 10X Pocket Optical Comparator Set With Illuminator





- Magnifies images which are sharp, undistorted and aberration free
- Convenient for checking angles, thread measurements, hole sizes, as well as photo engraving, etching and many more applications
- The illuminator attachment assists where additional light is required
- The optical comparator, illuminator and the nine reticles are packaged in a durable wooden case

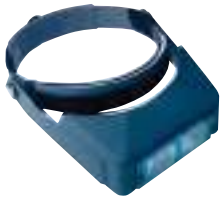
Order No.	Price
NA5552664609	Price

Opti-Visor – Magnification plus Comfort

Improve Vision, Work Faster Precision Work Made Easier with New Dial-Adjustment

MADE IN THE USA

- Optically correct precision glass prismatic lenses
- Genuine leather comfort band
- Unique dial adjustment fits anyone
- Wear over regular or safety glasses
- Tilts upward when not in use (no tunnel vision)
- **Note:** Opti-Loupe is also available and easily attaches to any Opti-Visor lens plate adds extra power - for monocular use only - Order No. JZ50LP1



		Opti-Visor Magnifying Visor		Opti-Visor Replacement Lens	
Magnifies	Focal Length (in.)	Order No.	Price	Order No.	Price
1.5X	20	JZ50DA2	Price	JZ50LP2	Price
1.75X	14	JZ50DA3	Price	JZ50LP3	Price
2.5X	8	JZ50DA5	Price	JZ50LP5	Price
2.75X	6	JZ50DA7	Price	JZ50LP7	Price
2X	10	JZ50DA4	Price	JZ50LP4	Price
3.5X	4	JZ50DA10	Price	JZ50LP10	Price

Donegan Visorlight®

- Hands-free light with Xenon Laserbeam bulb
- 4 to 5 Hours battery life, continuous use
- Operates on 2 AA batteries (not included)

Visor NOT included





Type	Order No.	Price
Visorlight Magnifier with 10" Cord	JZ50LT06	Price
Visorlight Magnifier with 42"Cord	JZ50LT42	Price

BAUSCH + LOMB Illuminated Coddington Magnifier

- 10X Magnification
- 1″ Focal distance
- Corrected lens
- Requires two AA batteries (not included)



Order No.	Price
KA4083434	Price

Donegan Eyeglass Loupe

- Designed with maximum comfort and utility
- High quality optical grade materials from precision ground and polished molds
- Lightweight and tough materials provide superior durability
- Lens pivots out of the way for normal viewing
- Easily aligns when magnification is needed
- Eyeglass loupes are available in single or double lens combinations with a variety of focal length and powers
- Changeable cams are included to fit eyeglass frames from 1/16″ to 1/4″ temple width
- Eyeglass clamp easily converts from right to left temple mounting



Type - Double Loupe Magnifier				
Focal Length (in.)	Magnification	Size	Order No.	Price
2	4X to 7X	24mm	JZ50ELD2515	Price
1-1/2	5X to 7X	24mm	JZ50ELD215	Price

Type - Single Loupe Magnifier				
Focal Length (in.)	Magnification	Size	Order No.	Price
2	5X	24mm	JZ50ELS2	Price
2-1/2	4X	24mm	JZ50ELS25	Price
3-1/2	3X	24mm	JZ50ELS35	Price

PROCHECK Triplet Jewel Magnifiers

- Hastings triplet glass lens system-three separate lenses bonded together
- Handle type swing case
- Coated lens



Power	Order No.	Price
10X	PC228310	Price
15X	PC228315	Price
20X	PC228320	Price
30X	PC228330	Price

PROCHECK 20X Magnifier with LED & UV Light

- Metal frame body
- Distortion free lenses
- LED and UV lighted lens
- 20X lenses
- Leather case included
- 1 Year Warranty



Order No.	Price
PC22L20XLUV	Price

PROCHECK Aspheric Magnifier



- These fixed focus, all plastic magnifiers are very useful in the industrial field
- The lenses are of aspheric type that give a clear non-distorted image across the diameter of the lens
- 1″ Diameter 5X & 10X magnification
- Folds neatly into case

Order No.	Price
KA53V341D	Price

PROCHECK Magnifiers

Magnify small type, prints or parts

Item	Size	Power	Order No.	Price
	Loupe	4.5X	NE60130	Price
	-	3X	PC221348	Price
	-	5X, 10X	PC223061	Price
	2"	2X	PC221850	Price
	3"	2X	PC221875	Price
	4"	2X	PC221800	Price
	4	2X, 4X	KA531150P	Price
	2 x 4"	3X	PC223011	Price
	2 x 4"	2X, 8X	PC223012	Price

PROCHECK Illuminated Magnifiers

- Handy magnifier with 5X and 10X power lens and light



Power	Order No.	Price
5X, 10X	PC223061	Price

Illuminated Flashlight Magnifiers

WORLD CLASS QUALITY

- Graduated bottom scale for visual checking
- (2) “C” Batteries required (not included)
- Operates same as a flashlight



Power	Order No.	Price
10X	KA5310X1M	Price
5X	KA535X1M	Price

GENERAL Magnifiers





Power	Size (in.)	Type	Order No.	Price
2.5X to 5X	2 x 4 Rect	Illuminated Magnifier	NE50565	Price
3X	4 Dia	Illuminated Magnifier	NE50554	Price
4X	1" Cube	Illuminated Pocket Magnifier	NE50553	Price
4X	2 Dia.	Reading Glass Magnifier	NE50538	Price
5X	1 Dia	Eye Loupe	NE50527	Price
5X	2-1/4 Long	Magnifying Tweezers	NE50425	Price
6X	1-1/4 Dia	Pocket Magnifier with Case	NE50537	Price
8X	1 Dia	Pocket Magnifier with Case	NE50536	Price
2.5X	-	Pocket Magnifier with Case	NE50532	Price

Opti-Pak Handy Pocket Magnifiers

- These offer a unique design compact in size that is convenient to carry in pocket or purse
- The durable plastic case slides open for use as a handle and snaps shut to protect the magnifier when not in use
- Three different powers are available to provide the right magnification for the right job
- Magnifiers are color coded by magnification



Power	Type	Order No.	Price
3X	Light Gray Pocket Magnifier	JZ50P703	Price
4X	Medium Gray Pocket Magnifier	JZ50P704	Price
5X	Dark Gray Pocket Magnifier	JZ50P705	Price

TITAN Magnifying Glass with LED Light

2.2X

New!

- 4.4x Magnification
- LED light
- Non-distorting optical grade glass lens
- Comfortable TPR rubber grip handle
- TPR rubber framing for extra protection
- Slide on/off switch to control light
- Lens measures 2-7/8”
- 7-1/4” overall length
- Includes (3) LR44 batteries



Order No.	Price
KP8215029	Price

BAUSCH + LOMB Inspection Eye Loupes

- Optical quality glass lens
- Considered the standard in industry for many years
- Rests comfortably in the eye socket



Focal Power	Lens Distance (in.)	Size (in.)	Order No.	Price
4X	2.5	1	**KA40814173**	Price
5X	2	1	**KA40814172**	Price
7X	1.5	1	**KA40814171**	Price
10X	1	1	**KA40814170**	Price

BAUSCH + LOMB Hastings Triplet Magnifiers



- Highly corrected magnifiers-Bausch & Lomb's finest
- Three separate lenses, bonded together to form a compound lens, provide sharp, very distinct images
- No color distortion even under 14-20X power
- A swingaway, nickel-plated case protects lens and serves as a handle

Power	Focal Distance (in.)	Lens Size	Order No.	Price
7X	1-1/2	19.8mm	**KA40816168**	Price
10X	1	15.8mm	**KA40816171**	Price
14X	.8	12.5mm	**KA40816175**	Price
20X	1/2	8.3mm	**KA40816181**	Price

BAUSCH + LOMB Folding Pocket Magnifiers



- Wide range of powers: 3 - 20X
- By combining lenses, three powers are available with 2-lens models, seven different powers with the 3-lens model
- Swing-away case of durable plastic serves both as handle and as protective case

Power	Focal Distance (in.)	Lens Size	Order No.	Price
4X	2-1/2	36mm	**KA40812354**	Price
4X to 9X	2.5 to 1.1	23mm	**KA40812364**	Price
5X to 20X	2 to .5	20.3mm	**KA40812367**	Price

BAUSCH + LOMB Compact Lighted Magnifier



- Ideal for inspecting or reading in low light conditions
- Convenient size, perfect for tool box or pocket
- Rugged, take it anywhere
- Stores in its own protective case
- Push buttons first to release large (2″) 2X lens; again to light the lamp
- Batteries included (2AAA)

Order No.	Price
KA40819008	Price

BAUSCH + LOMB Bar Magnifiers

These bar magnifiers lie flat on the page, doubling the height of letters, while magnifying two lines of type at a time without any need to focus.

- **Magna-Bar™:** The 5-1/4″ Magna-Bar easily covers the full-page width of most books
- **Magna-Rule®:** The 10″ overall length Magna-Rule offers an 8″ scale in both inches and centimeters, making it very useful with tabulated data. It also serves as a linear guide
- **Both have 2X magnification.**





Type	Order No.	Price
Magna Bar Magnifier	**KA40812617**	Price
Magna Rule Magnifier	**KA40812618**	Price

BAUSCH + LOMB Measuring Magnifiers

Valuable tool wherever precision work is performed. Available in "stand" style or illuminated Lenscope model. Both use B&L's Hastings Triplet lens. Adjustable for individual focus, providing a flat, distortion-free image. Both usable with photo-metallic glass measuring scales; order separately.





- 813435: 7X power Transparent body allows natural light to fall on magnified area. Leather storage case included
- 813442: 10X
  Two illumination lamps, 45° or 90° from the viewing angle. 2 AA batteries not included. Ergonomic plastic body. Fits easily in a pocket. Hinged-top storage case included

Power	Focal Distance (in.)	Lens Size	Order No.	Price
7X	1.5	19.8mm	**KA40813435**	Price

BAUSCH + LOMB Measuring Scales



Description	Order No.	Price
General purpose. Radii from 1/8" to 5/8" in 1/32nd inch. angles in single degrees to 90°. 10mm scale in 0.1 increments. 1/2" scale in 0.005" increments. Line widths of 0.001", 0.002" and 0.003"	**KA40813436**	Price
Inch. 3/4" in 0.005" intervals	**KA40813437**	Price
Protractor. 360° in single degrees	**KA40813439**	Price
mm. 20mm in 0.1mm intervals	**KA40813438**	Price

BAUSCH + LOMB Pre-Moistened Lens Cleaning Tissues



- Non-silicone based, anti-fog, anti-static, individually-packaged tissues treated with special surfactants clean all glass and plastic lenses.
- Easy, convenient to use. Perfect for home, light industrial, office, toolbox, glove box, car or truck
- Excellent for computer screens, automobile mirrors and more
- 100 Tissues per box

Order No.	Price
KA408574GM	Price

BAUSCH + LOMB Lens Cleaning Station - Wet



- With 16 oz silicone anti-fog lens cleaning fluid and 1520 large tissues
- Box size: 8-1/2″ x 4-1/2″ x 8-1/8″

Order No.	Price
KA408565	Price

Fisher Machine V-Blocks & Clamps

MADE IN THE USA

- 1-1/4″ x 1-1/4″ x 1-5/8″ long
- Capacity: Large vee 1″ dia. Small vee 1/2″
- Hardened and match ground
- Square and parallel within .0002″
- Two serial numbered vee block with clamps



Order No.	Price
NG49VB2	Price

Starrett® V-Blocks and Clamps

MADE IN THE USA

- Can be used on base, end, and either side
- Clamp is provided with an adjustable side screw/caps to support block
- Groove at stepped end at right angle to base and is handy for holding shouldered studs, round pins, etc
- Hole clearance for drilling and remove dowel pins provided
- Block has four 3/8-16 tapped holes, two in base and one on each side to attach angle iron for face plate or magnetic chuck mounting
- Block made of hardened steel
- Sides are ground parallel and the groove central and parallel to sides and base
- Size is 1-7/8” square, base length about 3-1/2”

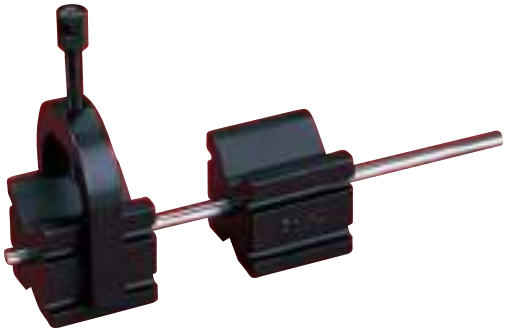


Starrett No.	Description	Order No.	Price
567	Set Complete, with One V Block and One Clamp	**MV7052588**	Price
567B	Clamp, Only	**MV7070885**	Price

Starrett® Small V-Blocks

MADE IN THE USA

- Case hardened and may be used singly or in pairs
- A removable 6” steel rod keeps blocks in alignment and under work
- Blocks are furnished in pairs each 1-1/4” square
- Large V about 13/16” and small V about 13/32” across the mouth

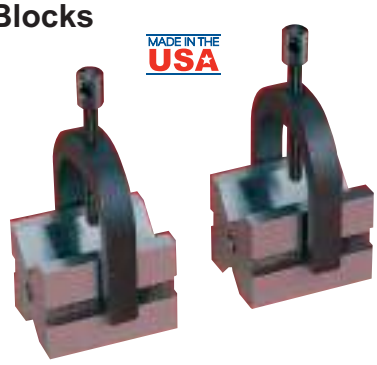


Starrett No.	Description	Order No.	Price
271A	Two V Blocks (one pair)	**MV7051293**	Price
271B	Clamp, Only	**MV7051294**	Price
271C	Set Complete, Two V-Blocks (one pair) and Clamp	**MV7051295**	Price

Starrett® Small V-Blocks

MADE IN THE USA

- V’s are ground central, parallel and square with ends and sides
- Made of tool steel and hardened
- Manufactured and numbered in pairs, so that V’s in each blocks are always in alignment
- Tapped hole 1/4-20 through sides
- Angle iron and blocks can then be attached to lathe face-plate or held by magnetic chuck
- Each block about 1-1/4” square and 1-5/8” long



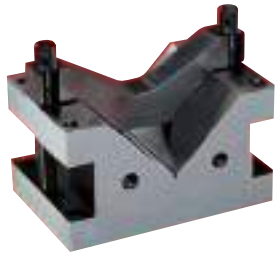
Starrett No.	Description	Order No.	Price
278	Set Complete, Two V Blocks (one pair) and Two Clamps	**MV7051312**	Price
278B	Clamp Only	**MV7051313**	Price

Many more levels are available from the STARRETT line from cross test to bench levels. Call us with your requirements.

Starrett® V-Blocks and Clamps

MADE IN THE USA

- Handles round work up to a diameter of 4″
- Can be used on its side or on its end with no interference from the clamp
- A reversible swing-away style clamp
- Clamp can be positioned at either end or at the center of the V-block
- Two tapped holes in one end of the V-block provide for mounting it perpendicular to a face plate.
- Clearance holes in the bottom provide for mounting the V-block to angle plates or other fixturing
- 5-1/4″ wide, 3″, high and 3-3/8″ long and is precision ground
- V-Block and clamp are also made from hardened steel and each V-block is furnished with two clamp screws

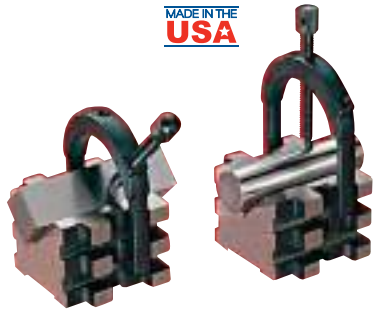


Starrett No.	Description	Capacity	Order No.	Price
578A	V-Block and Clamp	Max. Dia. 4" Min. Dia. 9/16"	**MV7064960**	Price
578B	Clamp Only	-	**MV7064988**	Price

Starrett® Wide Range V-Blocks

MADE IN THE USA

- 2 Position clamping for large or small work
- Block can be used on base, ends or sides
- Block holds round work up to 2″ diameter and square work up to 1-7/16″ (or 1-9/16″ square with screw at top)
- Tapped holes for mounting the V block on face plates or angle irons
- V-block is made of hardened steel and all sides are precision ground parallel and square and V-groove ground central and parallel to sides and base



Starrett No.	Description	Order No.	Price
568A	V-Block and Clamp	**MV7052590**	Price
568B	Clamp Only	**MV7052591**	Price
568C	V-Block and Clamps (Matched Pair)	**MV7052592**	Price

Ultra Wee-Vee Set & Mini-Vee Combo Set

Unique universal holding tool for small, miniature, or intricate parts. Ideal holding fixture for grinding/indexing punches and pins, drilling, milling, EDM, inspection on optical comparators.



Features:
- Capacity .030″ to 9/32”
- Furnished with bridges to straddle long workpieces, allowing top hold-down screw of V-Block clamp to be utilized
- Hardened and high precision ground Wee Blocks, squareness and parallelism within .0002″
- Set contains 2 Ultra Wee-Vee Blocks, size A .030″ - 5/32″ cap, and size B .050″ - 9/32″ cap., Bridge A and B, plus 5 Upper Prisms, 1/8″, 5/32″, and 3/16″ cap., all in a fitted case

V-Block Specifications:
- Size: 1-5/8″W x 1-3/4″H x 2-3/4″T
- Capacity: 1-1/2″

Item	Brand Name	Order No.	Price
TESA / Brown & Sharpe	Brown & Sharpe	**MV4526913**	Price
Fowler	Fowler	**NA5552475110**	Price

Fowler V-Block Set

2 Each @:
- Dimensions: 1-1/2″L x 1-1/4″W x 1-1/4″H
- Work capacity: approximately 1″
- 2 Clamps

2 Each @:
- Dimensions: 2″L x 1-1/2″W x 1-1/2″H
- Work capacity: 1-1/2″
- 2 Clamps

All Feature:
- Surfaces are square and parallel within .0005″
- V-grooves are square and parallel with all surfaces within .0005″
- Corresponding dimensions for each pair are alike within .0005″
- All enclosed in shop-hardened case



Order No.	Price
NA5552475500	Price

TESA / Brown & Sharpe No. 749 V-Blocks & Clamps

Made in numbered pairs from mild steel. Surfaces (except V) are square and parallel with each other within .002″. V grooves square and parallel with all surfaces within .0035″.



Dimensions:
- Size: 1-1/2″ square x 2″ long
- Capacity: approx. 1-1/2″ (40 mm) diameter

B&S No.	Description	Order No.	Price
599-749	V-Block & Clamp Set	**MV4544532**	Price
599-749-12	Extra V-Block Clamp Only	**MV4551890**	Price

Fowler X-BLOX Jr. V-Block Set

- Mini Vee: Use this universal holding tool for small, miniature or intricate parts.
  Dimensions: 1-3/8″ x 1-3/8″ x 1-3/16″
- Reversible swing-away clamps
- Versatile clamp, plus unique offset hole pattern in top of blocks, offers a large variety of clamping possibilities
- All blox are hardened and ground, squareness and parallelism within .0003″
- Set capacity: .030″- 1.285″
- Includes shop hardened case



Order No.	Price
NA5552475025	Price

TESA / Brown & Sharpe No. 749-1 V-Blocks & Clamps

For larger and heavier work. Made in numbered pairs from mild steel. Set consists of two blocks and one clamp. Blocks feature two clamping grooves. Lower grooves permit blocks to be clamped to table.

Accuracy:
Sides are square with each other within .003″. Ends are square with sides within .003″. V groove is parallel and central with sides within .002″. V groove is 90° ±1/2°. V's of pairs are central and parallel to each other within .004″.



Dimensions:
- Size: 2-1/2″ square x 3″ long
- Capacity: approx. 1/2″ to 2-1/2″ diameter

B&S No.	Description	Order No.	Price
599-749-1	V-Block & Clamp Set	**MV4544533**	Price
599-9749-12	Extra V-Block Clamp Only	**MV4545210**	Price

Micro-Rise V-Blocks

Features:
- Hardened and ground anvils support up to 1,000 lbs
- Wide angle “V” accepts 3/16″ to 5″ diameters
- Insures solid support without deflection



Dimensions:
- Base - 1-3/4 x 4”
- ‘V Section’ - 13/16” wide
- Height closed - 3”
- Height open - 3-1/2”
- Standard ‘V’ angle - 120°
- Special ‘V’ angle - 90°

Type	Order No.	Price
Micro-Rise V-Block	**GG4516505**	Price
Micro-Rise V-Block with Clamps	**GG4516507**	Price

Fowler V-Block Set

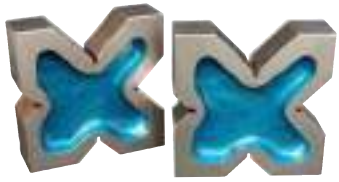
Universal Type



- Two clamps with screw hole at 90° included
- 2" Clamping capacity
- Constructed with stepped grooves allowing the clamps to be inserted without protrusion, thus allowing the V-block to be used on base, ends or sides
- Hardened steel
- Measures 2-3/4 x 2 x 2"
- Matched pair of V-blocks are perfectly aligned with 90° V-grooves ground central and parallel to the sides and base within .0004" accuracy

Fowler No.	Order No.	Price
52-475-555-0	**NA5552475555**	Price

PROCHECK Quadruple V-Blocks



- Made from seasoned closed grained cast iron
- Universal V-block consisting of four different sized grooves
- Supplied in pairs

Size	Width of Vee (in.)	Order No.	Price
3-3/4 x 2-3/4 x 1-3/8	3/4, 1-3/16, 1-9/16, 2	**NG54QVB1**	Price
4 x 4 x 1-3/16	3/4, 1-3/16, 1-9/16, 2	**NG54QVB2**	Price
4-3/4 x 4-3/4 x 1-3/8	1-3/16, 1-9/16, 2, 3-3/8	**NG54QVB3**	Price
4-3/4 x 4-3/4 x 2-3/8	1-3/16, 1-9/16, 2, 3-3/8	**NG54QVB4**	Price

Fowler V-Block Set



- Parallel and square within .0003"
- Measures 1-3/8 L x 1-3/8 W x 1-3/16" H
- Reversible swing-away clamps
- Ø Capacity: .030" to 1.285"
- Offset hole pattern on top of blocks for large variety of clamping possibilities

Fowler No.	Order No.	Price
52-475-001-1	**NA5552475001**	Price

PROCHECK Versa Block Set



- 2 Pc. set - 1-3/8 x 1-3/8
- V-blocks are parallel, square and centered within .0002"
- Completely hardened and ground tool steel
- Storage case included

Size	Order No.	Price
1-3/8 x 1-3/8	**PC24NVB111**	Price

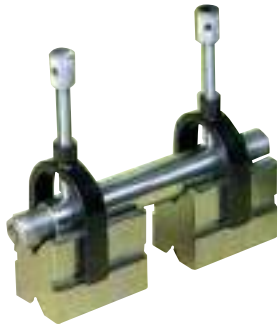
PROCHECK Mini V-Blocks



- A unique & universal holding tool for small, miniature or intricate parts used in conjunction with larger V-blocks
- Capacity .030 to 9/32"
- Ideal holding fixture for grinding/indexing punches & pins - drilling - milling - EDM - inspection on optical comparators
- Furnished with bridges to straddle long workpieces allowing top holddown screw for V-blocks clamp to be utilized
- Hardened & high precision ground for squareness and parallelism to within .0002"
- Attractive case

Order No.	Price
NB75Z1000	Price

PROCHECK V-Block Sets



- A precision set for toolmakers & machinists
- Made of hardened tool steel machined and ground in pairs to close tolerances
- Clamping capacity 1"
- Two V-blocks and two clamps are included in the set

Capacity (in.)	Size (in.)	Order No.	Price
1	1-1/4 x 1-1/4 x 1-5/8	**NG52NVB117**	Price
1-1/2	1-5/8 x 1-3/4 x 2-3/4	**NG52NVB150**	Price

PROCHECK All Angle V-Blocks & Clamp



- Can be used on base, on end, also flat on either side
- Clamp provided with adjustable side screw to prevent tilting when drilling, grinding, or milling
- Holding capacity: 1-5/16"
- Measures 1-7/8 x 1-7/8 x 3-1/2"

Order No.	Price
NG52NVB567	Price

Fowler All Angle V-Blocks & Clamp



- For grinding, milling or drilling
- Made of hardened and precision ground tool steel
- Sides are parallel and vee is central and ground
- Central hole is provided for drilling and removing pins
- V-block has four 3/8-16 tapped holes, two on the bottom and one on each side
- Can be used on base, on end, also flat on either side
- Holding capacity: 1-5/16"
- Measures 1-7/8 x 1-7/8 x 3-5/8"

Order No.	Price
NA5552475050	Price

PROCHECK Multi-Use V-Block and Clamp Set

- Stepped groove construction permits low or high clamping
- Holds square or round work
- Hardened steel
- All sides precision ground parallel and square
- Size: 2-1/2" x 2-3/4" x 2"
- Capacity: 2" round - 1-7/16" square



Order No.	Price
NG52NVB7502	Price

PROCHECK Precision V-Block

- All sides are ground square and parallel to each other
- Matched accuracy .0002" 90° vee's are ground central, parallel, and square with the ends precision ground
- Hardened and ground chrome steel
- Sold in precision matched pairs only



- **NG5352475015** and **NG5352475020** (shown) are designed so the clamps do not protrude over the sides; thus the tool can be used on its sides

Max. Vee Cap. (in.)	Dim. W x H x L (in.)	Order No.	Price
1	1-3/8 x 1-5/8 x 1-3/4	**NG5352475005**	Price
1-1/2	1-3/4 x 2-1/2 x 2-7/8	**NG5352475015**	Price
1-1/2	1-5/8 x 1-3/4 x 2-3/4	**NG5352475010**	Price
2-1/8	2-3/4 x 3-1/2 x 4-7/8	**NG5352475020**	Price

Suburban Precision Ground V-Blocks

- All vee blocks are parallel, square and central within .0002" except VB466, VB466S2 & VB666 which are within .0003"
- SineSet® models bolt directly to SineSet® sine plate or compound sine plate of the same series. S1 models also bolt to AP-664-S1 90° conversion plate



Type - 60° V-Block & Clamp Set				
Dimensions (in.)	Capacity (in.)	Weight	Order No.	Price
2-1/2 x 2-1/2 x 2	1-3/8	3 lbs	**NJ50VB602**	Price
2-1/2 x 2-1/2 x 2	1-3/8	3 lbs	**NJ50VB602S0**	Price
3 x 4 x 3	2-1/4	8 lbs	**NJ50VB604**	Price
3 x 4 x 3	2-1/4	9 lbs	**NJ50VB604S1**	Price

Type - 90° V-Block & Clamp Set				
Dimensions (in.)	Capacity (in.)	Weight	Order No.	Price
2-1/2 x 2-1/2 x 2	1-3/8	3 lbs	**NJ50VB222**	Price
2-1/2 x 2-1/2 x 2	1-3/8	3 lbs	**NJ50VB222S0**	Price
3 x 4 x 3	2-1/4	9 lbs	**NJ50VB334**	Price
3 x 4 x 3	2-1/4	9 lbs	**NJ50VB334S1**	Price
6 x 6 x 4	4-3/8	33 lbs	**NJ50VB466**	Price
6 x 6 x 4	4-3/8	33 lbs	**NJ50VB466S2**	Price
6 x 6 x 6	4-3/8	50 lbs	**NJ50VB666**	Price

PROCHECK Precision Steel V-Blocks

- Precision made tool steel completely hardened and ground
- Reversible swing-away clamp, combined with offset hole pattern, provides a variety of clamping possibilities
- Blocks are slotted on sides to allow easy clamping to any surface
- Sold individually or in matched sets



Max./Min. Vee Cap. (in.)	Dim. W x H x L (in.)	No. of Blocks	Order No.	Price
13/64 to 1-3/16	2-1/2 x 2 x 2-1/2	1	**NG52NVB222I**	Price
13/64 to 1-3/16	2-1/2 x 2 x 2-1/2	2	**NG52NVB222**	Price
9/32 to 1-9/16	3 x 3 x 4	1	**NG52NVB334I**	Price
9/32 to 1-9/16	3 x 3 x 4	2	**NG52NVB334**	Price

PROCHECK Cast Iron V-Blocks

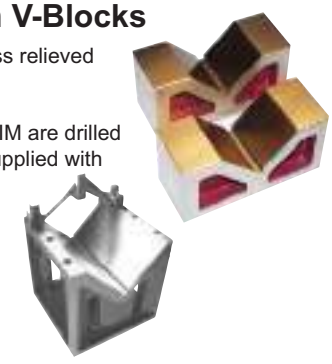
- Manufactured from high quality close-grained gray iron castings seasoned as a precaution against distortion and accurately machined to very close tolerances
- Supplied in matched pairs, each block having a truly centered 90° vee



Max. Vee Cap. (in.)	Dim. W x H x L (in.)	Order No.	Price
1	2 x 1-1/4 x 1	**NG54VEB2**	Price
1-3/4	3 x 2-3/8 x 1-5/16	**NG54VEB3**	Price
2	4 x 2-5/8 x 1-5/8	**NG54VEB4**	Price
2	5 x 3-1/8 x 2	**NG54VEB5**	Price
3-1/4	6 x 3-1/2 x 2-1/2	**NG54VEB6**	Price
3-1/2	7 x 4-1/2 x 3	**NG54VEB7**	Price
4	8 x 5-1/2 x 4	**NG54VEB8**	Price
5	10 x 6-5/8 x 5	**NG54VEB10**	Price
6-1/2	12 x 8 x 7	**NG54VEB12**	Price

Suburban Cast Iron V-Blocks

- Made from class 40 cast iron, stress relieved and annealed
- All have 90° Vee's
- Models VB888CIM and VB1-1-1-CIM are drilled and tapped on the top face, and supplied with one clamp and two clamp screws per v-block
- Ground square, paraleel and central within .0005"
- Type A shown



Type - V-Block & Clamp Set			
Dim. W x H x L (in.)	Dia. Capacity (in.)	Order No.	Price
8 x 8 x 8	6-3/8	**NJ50VB888CIM**	Price
10 x 10 x 10	8-3/8	**NJ50VB101010CIM**	Price

Type - V-Blocks (No Clamps)			
Dim. W x H x L (in.)	Dia. Capacity (in.)	Order No.	Price
5 x 2-1/2 x 2	3-1/2	**NJ50VB225MCI**	Price
6 x 3-1/2 x 3	4-3/4	**NJ50VB336MCI**	Price
7 x 6 x 6	5-1/2	**NJ50VB667MCI**	Price
8 x 8 x 6	7	**NJ50VB688MCI**	Price
12 x 12 x 12	11-3/4	**NJ50VB121212MCI**	Price

PROCHECK Magnetic V-Block - Single Vee

- For round or odd-shaped pieces
- Grinding-machining
- Scribing-measuring
- Lifetime magnets
- Usable on 4 surfaces
- Size: 2-3/8" x 2-7/8" x 4-7/8"



Order No.	Price
NG50KVH2	Price

V-Block Clamp Assemblies

- Size fits "C" dimension of V-blocks
- V-blocks not included



Size (in.)	Order No.	Price
8	**NL30VTA08**	Price
12	**NL30VTA12**	Price

Slotted V-Blocks with Clamp

- Easily machinable for adding mounting, workholding or measuring features
- Guaranteed accurate to the tolerances shown
- Made of meehanite or equivalent- it's qualities include strength, toughness and wear resistance
- V-blocks slotted with clamp



Size (in.)	Approx. Shipping Weight	Order No.	Price
3 x 3-1/2 x 6	32 lbs	**NL30VC0303E06**	Price
6 x 6 x 7	96 lbs	**NL30VC060607**	Price

V-Blocks

- For supporting and holding cylindrical work for layout, machining, inspection or as fixture components
- A relief is provided in the center of the V for drill clearance
- Furnished in matched pairs
- Base, sides and V are precision ground-the V is central, square with the sides and parallel to the base within .0005" (.013mm)
- Ends are machine finished (ends can be special ordered precision ground-call for price and availability)



Size (in.)	Approx. Shipping Weight	Order No.	Price
2 x 2-1/2 x 5	12 lbs	**NL30VS0202E05**	Price
3 x 3-1/2 x 6	26 lbs	**NL30VS0303E06**	Price
6 x 6 x 7	84 lbs	**NL30VS060607**	Price
6 x 8 x 8	130 lbs	**NL30VS060808**	Price
12 x 12 x 12	420 lbs	**NL30VS121212**	Price

PROCHECK Magnetic V-Block

- Holds both itself and the works on any flat ferrous surface, including a permanent magnet chuck (without energizing the chuck)
- There are two vees, the smaller for workpiece up to 3/4" diameter, and the larger for workpieces up to 2-1/2" diameter
- Vees and faces are energized or de-energized simultaneously by turning the control handle
- The vee block can be used either way; up or standing on end



Dim. W x H X L (in.)	Weight (lbs.)	Order No.	Price
2-3/4 x 3-3/4 x 4	9.5 lbs	**NH50E934**	Price

PROCHECK Planer & Shaper Gage

With Level

- All working surfaces are precision ground and held to close tolerances
- Well balanced base helps avoid tipping
- Has 3" extension with knurled grip
- A level is provided in the base for machine setups and gage work
- Range: 1/4 to 9-1/4"
- Base size: 5-1/4" long x 3/4" wide



Order No.	Price
NC52NPG599	Price

Suburban Planer Gage

- Body and slide are hardened and ground alloy steel castings
- Wide body for stable operation
- Beveled construction eliminates side play and provides accurate alignment and parallelism
- Multiple tapped holes in the slide allow for attachment of extension rib or other accessories
- 3" Extension nib and fitted wooden case included
- Base dimensions: 6-3/16" x 1-1/8" x 3-1/2"
- Range: 7/16" to 10"
- Weight: 6 lbs



Order No.	Price
NJ50PG613	Price

PROCHECK Precision Angle Plates

- Hardened steel
- Precision ground angles
- Each block is 1/4" thick



Size	Order No.	Price
30-60-90 Degree	**PC24SAP369**	Price
45-45-90 Degree	**PC24SAP449**	Price
1 of each Above	**PC24SAP2PS**	Price

5" Sine Bar Set

Set Includes:
(1) 5" Sine bar hardened and ground and parallel top to bottom of rolls within .0002"
(18) Blocks with a range of 1/2° to 15° resulting angle, including two blocks providing "Taper-per-foot" of 1/4° and 1/2°
- Exact constant within .0001"



Comments - Sine Bar Only			
Item	Brand Name	Order No.	Price
TESA / Brown & Sharpe	Brown & Sharpe	**MV4526986**	Price
Fowler	Fowler	**NA5552455035**	Price

Comments - Sine Bar Set			
Item	Brand Name	Order No.	Price
TESA / Brown & Sharpe	Brown & Sharpe	**MV4527264**	Price
Fowler	Fowler	**NA5552455050**	Price

Ultra Precision 12 Pc. Angle Block Set

Ideal for Production and Inspection Applications

Features:
- Made from hardened steel, precision ground
- Angular accuracy .0001" per inch ±30 arc seconds
- 3" long × 1/4" thick
- Simple, quick angle set-ups
- Includes a shop hardened molded case
- Avoid errors by eliminating calculations
- Complete set of 12 blocks: 1/4°, 1/2°, 1°, 2°, 3°, 4°, 5°, 10°, 15°, 20°, 25°, 30°



Item	Brand Name	Order No.	Price
TESA / Brown & Sharpe	Brown & Sharpe	**MV4526883**	Price
Fowler	Fowler	**NA5552666777**	Price

TESA / Brown & Sharpe 17 Pc. Precision Angle Block Set

Get quick set-ups for grinding various angles from 1/4° to 45°. Just load on vise and rest the workpiece at any angle you choose. Eliminates time wasted dressing an angle in a grinding wheel - then dressing it flat again later! Made from hardened steel and supplied in a fitted wooden case.

- **Accuracy: .0003"**
- Complete Set of 17 Blocks: 1/4°, 1/2°, 1°, 2°, 3°, 4°, 5°, 10°, 15°, 20°, 25°, 30°, 35°, 40°, 45° and 2 riser blocks



B&S No.	Description	Order No.	Price
599-921-17	1/4° to 45°	**MV4526693**	Price

PROCHECK Precision Ground Sine Bars

- Center to center distance between center of rolls is accurate within .0002"
- Top surface is accurate to .00003"
- Parallelism .00004"



Dim. (in.)	Order No.	Price
15/16 x 5	**NB5052455010**	Price
1 x 10	**NB5052455015**	Price
2 x 5	**NB5052455020**	Price

Suburban Precision Sine Bars

- Hardened to Rc 58-62
- Ground square and parallel within .0002"
- The body size is 1" x 1" on the 5" model and is 1-1/8" x 1-1/4" on the 10" model
- Rail, can be mounted at either end



Dim. (in.)	Center Distance of Rolls	Weight	Order No.	Price
1 x 1-11/16 x 6	5.000 within .0001	2 lbs	**NJ50SB111**	Price
1-1/8 x 2-1/16 x 11	10.000 within .0001	5 lbs	**NJ50SB1110**	Price

Precision Economy Sine Bars

2-1/2" and 5" Sine Bar



- 5/8" Diameter rolls
- Furnished with back plate
- Hardened and ground
- Used with Jo-blocks (gage blocks) these sine bars far exceed the accuracy that you would expect in this low priced precision instrument
- Accuracy range of parallelism. 0002", center distance of .0003"
- Fisher Machine brand is made is the USA

	Fisher Machine		Procheck	
Dim. (in.)	Order No.	Price	Order No.	Price
1 x 2-1/2	**NG4925SB**	Price	**NB5225SB**	Price
1 x 5	**NG4950SB**	Price	**NB5250SB**	Price

Fowler Adjustable V Block

- Hardened and precision ground
- 3.75″ L x 1.75″ W x 2″ H and offers approximately 1.75″ work space
- Ideal for setup, milling, grinding and drilling applications
- Angle accuracy ±10 sec.
- Squareness within .0002″
- Comes complete in deluxe fitted wooden case



Order No.	Price
NA5552585090	Price

60° Precision Angle Blocks

Fast. Simple. Easy To Use For: Drilling, Milling, Grinding & Set Up Applications



- 0-60° Adjustable angle by locking the hex screw on the bottom
- Squareness .0002″
- Angle Accuracy ±10″ HRC 50-55°
- 1-3/16”W x 1-13/16”H x 4”L

Item	Order No.	Price
PROCHECK	NG52AP2	Price
TESA	MV4527397	Price

PROCHECK 60° Precision Sine Angle Block

- Diameter of rolls 5/8″
- Height of block including rolls 2-3/4″
- 1-3/16”W x 2-3/8”H x 4”L



Order No.	Price
NG52APS2	Price

PROCHECK Universal Angle Block Set

- V-Block — 10°, 15°, 30°
- Angle plate — 1°, 2°, 3°, 4°, 5°
- ±10 Second tolerance
- Hardness— HRC 45-50
- All ground finish
- No sine vise, sine plate, angle vise, angle chart or block gage needed



Order No.	Price
NG52UAB8	Price

Precision Angle Blocks

A simplified, accurate and quick method for angle set-ups in tooling, production and inspection.

- Furnished in 1° increments to 5° and in 5° increments to 30°
- Hardened and precision ground
- Accuracy ±.0001″ per inch
- Size 3″ long x 1/4” thick
- Ten block set in fitted case



Item	Order No.	Price
PROCHECK	NM51PAB10	Price
Suburban	NJ50AB10ST	Price

PROCHECK Thin Angles Thin Angle

- **#1 Set - 1/2° thru 5°:** By using two angles, this set will span 1/2° thru 5° in half-degree increments, or 1° thru 9° in one degree increments.
- **#2 Set - 6° thru 10°:** By combining #1 Set and #2 set 1/2° thru 10° in half-degree increments can be obtained; or 1° thru 19° can be obtained.



Pieces per Set	Order No.	Price
5	NM51TA2	Price
6	NM51TA1	Price

PROCHECK 3" Sine Bar

- Fits in bottom of vise to accurately set work at desired angle
- Can be used to set milling machine head, set work accurately to T-slots of milling tables, set swivel vise or angle vise
- Sine bar can be mounted on side of vise



Order No.	Price
NM51TPS	Price

PROCHECK Thin Pair Parallel Set

Milling and Drilling Parallels

- Set work pieces to needed height in vise jaws in seconds
- Complete set of 8 parallels in 1/8” increments
- 5/32” Thickness allows drilling thru work near edges without hitting parallels



Order No.	Price
NM51TPP	Price

Ultra Precision Parallel

1/4” Wide 9 Pair Set



- Set includes 9 pairs with 1/4” widths of: 3/4″, 7/8″, 1″,1-1/8″, 1-1/4″, 1-3/8″, 1-1/2″, 1-5/8″, 1-3/4″

Features:
- Parallel to ±.0001″
- Paired ±.0001 in height†
- Hardened to 50 HRC
- Includes shop hardened protective molded case
- Size: 6″ long by 1/32″ wide

† Height specifications relate to consistency within each pair; absolute height is nominal.

Item	Order No.	Price
TESA	MV4526882	Price
Fowler	NA5552437250	Price

Ultra Precision Parallels

1/8” Wide 10 Pair Set



- Set includes 10 pairs with 1/8″ widths of: 1/2″, 5/8″, 3/4″, 7/8″, 1″, 1-1/8″, 1-1/4″, 1-3/8″, 1-1/2″, and 1-5/8”
- Parallel within .0002″
- Variation in height† of matched parallels ±.00015″
- 58-63 HRc hardness
- High grade alloy steel
- Includes sturdy storage & carrying case

†Height specifications relate to consistency within each pair; absolute height is nominal.

Item	Order No.	Price
TESA	MV4586615	Price
Fowler	NA5552437000	Price

Ultra Precision Parallels

1/32” Wide 10 Pair Set



Features:
- Set includes 10 pairs with 1/32″ widths of: 1/2″, 5/8″, 3/4″, 7/8″, 1″,1-1/8″, 1-1/4″, 1-3/8″, 1-1/2″, 1-5/8″
- Parallel to ± .0001″
- Paired ±.0001 in height†
- Hardened to 50 HRC
- Includes shop hardened protective molded case
- Size: 6″ long by 1/32″ wide

† Height specifications relate to consistency within each pair; absolute height is nominal.

Item	Order No.	Price
TESA	MV4526884	Price
Fowler	NA5552437031	Price

Fowler Machinist Set Up Kit

1-2-3 Block Set
- Tolerance: .0001″ (squareness per inch)
- Dimensions: 1″ x 2″ x 3″
- Hardened to 58-60 Rockwell C
- Matched accuracy within .0002″ per inch

Angle Block Set
- Precision ground
- Accuracy ±30 seconds
- All blocks 3″ long and 1/4″ thick
- Each set includes 1° thru 5° blocks in 1° increments and 5° thru 30° blocks in 5° increments as well as 1/4″ and 1/2″ blocks

Spacer Blocks
- 3/4″ diameter, 1/4-28 ID thread
- Ground hardened and tapped
- 4 connection screws included
- Accuracy ±.0001″

Jack Stand Set
- Up to 1000 lbs
- Range: 2-1/4″ to 3-3/8″
- Jack base diameter: 1-1/4″
- 1″ and 2″ extension bases
- Extensions may be combined

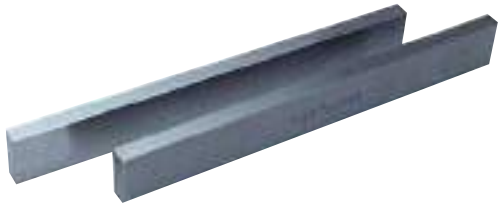
Set supplied with individual cases



Order No.	Price
NA5553666100	Price

PROCHECK Precision Ground Steel Parallels

- Made of high grade tool steel, hardened and precision ground
- Sold in pairs
- 4-faces accuracy within .00015” per 6 inches



Length (in.)	Size (in.)	Order No.	Price
6	1/4 x 1/2	NM60001	Price
6	1/4 x 5/8	NM60002	Price
6	1/4 x 3/4	NM60003	Price
6	3/8 x 1/2	NM60004	Price
6	3/8 x 3/4	NM60005	Price
6	1/2 x 5/8	NM60006	Price
6	1/2 x 3/4	NM60007	Price
6	1/2 x 1	NM60008	Price
6	5/8 x 7/8	NM60009	Price
9	1/2 x 3/4	NM60010	Price
9	1/2 x 1	NM60011	Price

Length (in.)	Size (in.)	Order No.	Price
9	3/4 x 1	NM60012	Price
9	3/4 x 1-1/2	NM60013	Price
12	3/4 x 1	NM60014	Price
12	3/4 x 1-1/4	NM60015	Price
12	1 x 1-1/4	NM60016	Price
12	1 x 1-1/2	NM60017	Price
12	1 x 2	NM60018	Price
12	1-1/4 x 1-1/2	NM60019	Price
12	1-1/4 x 2	NM60020	Price
12	1-1/2 x 2	NM60021	Price

PROCHECK Precision Parallel Set

4 Matched Pairs of 3/16" & 1/2" Width



- Set of 4 matched pairs of hardened and ground parallels for use in set-up for drilling, milling and layout work
- Tolerance: parallel to .0003" on 2 sides, top and bottom dimensions within .001" allowances
- Hardness: case hardened to RC 55 to 62 on 2 sides, top and bottom only
- Includes sizes: 3/16 x 1.000 x 6", 3/16 x 1.250 x 6", 1/2 x 1.500 x 6", 1/2 x 1.750 x 6"

Order No.	Price
NM50CP31612	Price

PROCHECK 3/16" & 1/2" Precision Parallels Individual Pairs



Width (in.)	Dimensions (in.)	Order No.	Price
3/16	1.000 x 6	**NM50CP1**	Price
1/2	1.000 x 6	**NM50CPH1**	Price
3/16	1.250 x 6	**NM50CP2**	Price
1/2	1.250 x 6	**NM50CPH2**	Price
3/16	1.500 x 6	**NM50CP3**	Price
1/2	1.500 x 6	**NM50CPH3**	Price
3/16	1.750 x 6	**NM50CP4**	Price
1/2	1.750 x 6	**NM50CPH4**	Price

PROCHECK 1/8" Steel Parallel Set

Thin Styled, Matched Pairs - 10 Pair in Fitted Box



- Made of high grade alloy steel, hardened and ground from 1/8" stock
- Two holes in each parallel
- Accuracy: ±.0002" parallelism in height ±.001" to size in height

Order No.	Price
NM55TPS11	Price

PROCHECK 1/8" Individual Parallels



Size (in.)	Order No.	Price
1/8 x 1/2 x 6	**NM55TP1**	Price
1/8 x 5/8 x 6	**NM55TP2**	Price
1/8 x 3/4 x 6	**NM55TP3**	Price
1/8 x 7/8 x 6	**NM55TP4**	Price
1/8 x 1 x 6	**NM55TP5**	Price
1/8 x 1-1/8 x 6	**NM55TP6**	Price
1/8 x 1-1/4 x 6	**NM55TP7**	Price
1/8 x 1-3/8 x 6	**NM55TP8**	Price
1/8 x 1-1/2 x 6	**NM55TP9**	Price
1/8 x 1-5/8 x 6	**NM55TP10**	Price

PROCHECK Precision Parallel Sets

3/16" or 1/2" Thickness
4 Matched Pairs in Hardwood Storage Box



- Made from fine quality tool steel stress relieved against distortion
- Precision ground and hardened
- Recommended for layout work, standards and setups
- The holes are designed for easier handling and setups
- Tolerance: parallel to .0003" on 2 sides, top and bottom
- Dimensions: within .001" allowance
- Hardness: case hardened to HRC 55 to 62 on 2 sides, top and bottom only
- Supplied in matched pairs
- All are 6" overall length

Size (in.)	Width (in.)	Order No.	Price
1 to 1-3/4	1/2	**NM50CP12**	Price
1 to 1-3/4	3/16	**NM50CP316**	Price

PROCHECK 1/4" Precision Parallel Set



- 9 Pairs — 1/4" thick, 6" long
- 2 Pc. each: 3/4, 7/8, 1, 1-1/8, 1-1/4, 1-3/8, 1-1/2, 1-5/8, & 1-3/4"
- Accuracy ±.0002"
- Made of high grade tool steel
- Hardened and precision ground

Order No.	Price
NM55TPS9	Price

PROCHECK Ultra Thin Style Steel Parallels

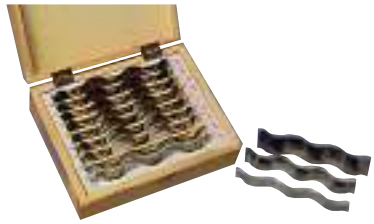
20 Pair Set



- Hardened to 50RC
- Parallelism .0001"
- Height .001" accuracy
- Includes fitted case
- 1/32" Thick
- Range of sizes include 1/2" thru 1-11/16" in 1/16" increments

Order No.	Price
NM55UTPS20	Price

Wavy Parallel Sets



- 9 Pairs - 1/2" to 1-1/2" in 1/8" height increments - 4-1/4" overall length
- Guaranteed to size in height and parallelism ±.0002"
- For use on: precision clamping of parts in drilling, boring, milling, grinding, assembly work, etc
- Can be used as elastic shims
- Thin and fragile workpieces can be secured without damage
- Made of high quality spring steel, hardened, stress relieved and precision ground

Item	Order No.	Price
TESA	**MV4527279**	Price

Ball Bearing V-Blocks

Enables you to inspect and detect out-of-round conditions and lobes with no damage to parts and no damage to blocks.

MADE IN THE USA

V-Block with Clamp & Balls in Pairs



Special Features:
- Accuracy of Balls: 25 Millionth of an inch sphericity on small and medium set. 50 Millionths of an inch on large set
- Overall accuracy of matched pairs ±5 microns
- Balls Rockwell C-62 — Surface finish 0.2 microinch

Size (in.)	Inspection Capacity (in.)	Dia. of Balls	Wt. Capacity of Pair	Work Capacity W/Clamps	Order No.	Price
2 x 2 x 1	3/64 to 2-1/2" Dia.	1/2	220 lbs	1-1/4	**GG4516093**	Price
3-3/8 x 3-3/8 x 1-3/8	3/32 to 5" Dia.	15/16	1100 lbs	2-1/2	**GG4516094**	Price
4-3/4 x 4-3/4 x 2-3/8	3/16 to 15" Dia.	1-1/2	2000 lbs	3	**GG4516095**	Price

Important note: Balls are fixed in blocks and are not designed to rotate in use. Block with clamp and balls in pairs.

TESA / brown & sharpe Adjustable Parallel Sets

- Quickly adjusted to size using just a micrometer
- Clamp screws lock parallels to size
- Each parallel has a generous range, eliminating the need for stocking many solid parallels

MADE IN THE USA



B&S No.	Size	Pieces	Order No.	Price
599-673-10	3/8 to 1-5/16 (10-33mm)	4	**MV4544515**	Price
599-673-20	3/8 to 2-1/4 (10-57mm)	6	**MV4544516**	Price

Fowler Adjustable Parallels

- Each parallel has two dovetailed pieces that slide on each other and lock in position with set screws
- Easily adjusted and set up to size with a micrometer
- Can be quickly inserted in slots and expanded to size
- Sizes: 3/8 - 1/2", 1/2 - 11/16", 11/16 - 15/16". 15/16 - 1-5/16", 1-5/16 - 1-3/4", 1-3/4 - 2-1/4"
- Slot size determined by measuring the parallels externally with a micrometer



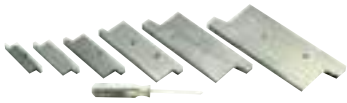
New!

Order No.	Price
NA5552437006	Price

Adjustable Parallels

MADE IN THE USA

- Consists of two precision ground pieces which slide smoothly on each other
- Locked into position by set screws
- Can be quickly inserted into openings and expanded to exact size, then measured with a micrometer



Description	Capacity (in.)	Order No.	Price
Individual	3/8 to 1/2	**NB40112A**	Price
Individual	1/2 to 11/16	**NB40112B**	Price
Individual	11/16 to 15/16	**NB40112C**	Price
Individual	15/16 to 1-5/16	**NB40112D**	Price
Individual	1-5/16 to 1-3/4	**NB40112E**	Price
Individual	1-3/4 to 2-1/4	**NB40112F**	Price
4 Pc. Set	3/8 to 1-5/16	**NB40S1124**	Price
6 Pc. Set	3/8 to 2-1/4	**NB40S1126**	Price

PROCHECK Adjustable Parallel Sets

- Ideal for layout work, for gauging and for various set-ups in milling machines and grinders
- Made of tool steel, precision ground
- Each parallel consists of two ground pieces which slide smoothly on each other and can be locked in position by set screws provided
- Desired size can be set accurately with micrometer
- Set is furnished in fitted plastic case with size range markings



Description	Order No.	Price
3/8 to 1-5/16 - 4 pc.	**NM51AP4**	Price
3/8 to 2-1/4 - 6 pc.	**NM51AP6**	Price

Starrett Adjustable Parallels

- Can be inserted in openings and expanded to size, Size of opening can then be determined by measuring parallels with micrometer
- Parallels consist of two dovetailed pieces that slide smoothly and can be easily adjusted
- Smaller sizes, A, B, and C are locked by one screw while larger sizes, D, E, F, have two lock screws
- All parallels are 9/32″ thick

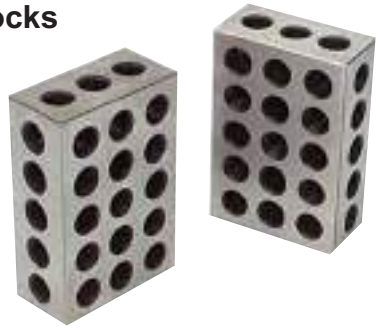
MADE IN THE USA

Starrett No.	Range (in./mm)	Description	Order No.	Price
154A	3/8 to 1/2 (9.5-12.7mm)	-	**MV7050578**	Price
154B	1/2 to 11/16 (12.7-17.5mm)	-	**MV7050579**	Price
154C	11/16 to 15/16 (17.5-24mm)	-	**MV7050580**	Price
154D	15/16 to 1-5/16 (24-33mm)	-	**MV7050581**	Price
154E	1-5/16 to 1-3/4 (33.3-44.4mm)	-	**MV7050582**	Price
154F	1-3/4 to 2-1/4 (44.4-57.1mm)	-	**MV7050583**	Price
S154LZ	3/8 to 2-1/4	6 pc Set A Thru F in Case	**MV7050586**	Price
S154LZZ	-	Case Only for 6 Pc. Set	**MV7055195**	Price
S154SZ	3/8 to 1-5/16	4 pc Set A Thru D In Case	**MV7050584**	Price
S154SZZ	-	Case Only for 4 Pc. Set	**MV7055194**	Price



PROCHECK Tri-Blocks

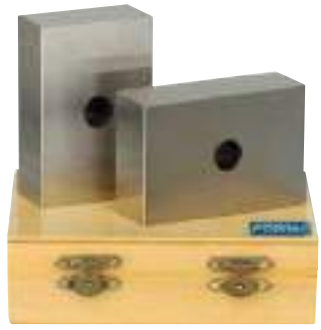
- Hardened 55 to 62 HRC
- Tolerance .0003″ to .0005″/0.005mm to 0.010mm



Size (in.)	Order No.	Price
1 x 2 x 3	**NM52E123**	Price
2 x 4 x 6	**NM52PR246**	Price
25 x 50 x 75mm	**NM52E25M**	Price

Fowler One Hole Steel 1-2-3 Blocks

- Tolerance: .0001″ (squareness per inch)
- Dimensions: 1″ x 2″ x 3″
- Hardened to 58-60 Rockwell C
- Matched accuracy within .0002″ per inch



Order No.	Price
NA5552439001	Price

Ultra Precision Ground 1-2-3 Blocks

Ideal for Precision Layout & Setup

- Each block precision ground on all six surfaces
- Case hardened (HRC 55–60)
- Surface finish from 6 to 16 microinches
- Squareness on all sides to within .0001″
- 23 holes: 5 tapped 3/8-16; 18 untapped thru holes
- The cross drilling is designed to give minimum weight yet maximum strength
- Oversized to allow for nominal .0001–.0003″
- Each set consists of a matched pair of 1 x 2 x 3″ blocks, five 3/8-16 stainless steel socket head cap screws, hex key, and shop-hard-molded case



Item	Order No.	Price
PROCHECK	**NM52PR123**	Price
TESA	**MV4526764**	Price
Fowler	**NA5552439032**	Price

TESA Universal 1-2-3 Block Set

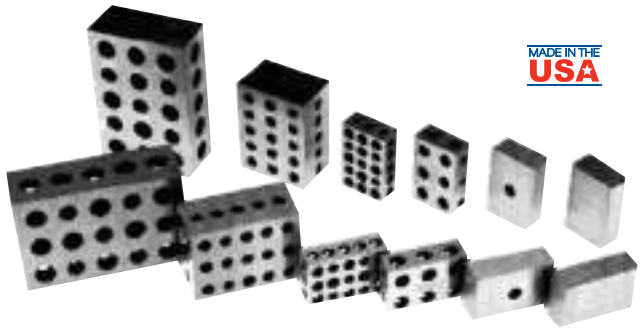
- Each block precision ground/case hardened on all six sides
- Surface finish from 6 to 16 microinches
- Squareness on all sides to within .0001″
- 11 holes on three faces: 5 holes tapped for holding down or conversion to an angle plate. 6 holes drilled through with deep recesses for easy clamping
- Oversized to allow for nominal lapping up to .0003″
- Complete with protective shop hardened molded case
- Set consists of a matched pair of 1 x 2 x 3″ blocks, five zinc plated 5/16-18 socket head cap screws and a hex key wrench



B&S No.	Order No.	Price
599-750-50	**MV4527396**	Price

Suburban Precision Tri-Blocks

- Made of hardened steel, ground on all six sides
- Available as single blocks or in matched pairs, per chart
- NJ50B123H1M has one 1/2″ through hole in 2″ x 3″ face
- 11-Hole models have 5/16-18 tapped holes
- 23-Hole models have 3/8-16 tapped holes
- All models except NJ50PB123 are furnished in fitted wooden boxes
- NJ50B123H11M, NJ50B123H23M, NJ50B234H23M & NJ50B246H23N have drilled, counterbored & tapped holes to allow screw mounting and conversion into angle plates & other precision set-ups



Size (Inches)	Pair or Single	No. of Holes	Square	Weight	Order No.	Price
1 x 2 x 3 .0001	Single	No	.0002 total	2 lbs	**NJ50PB123**	Price
1 x 2 x 3 .0001 / .0003	Pair	11	.0001 per in.	3 lbs	**NJ50BB123H11M**	Price
1 x 2 x 3 .0001 / .0003	Pair	23	.0001 per in.	3 lbs	**NJ50B123H23M**	Price
1 x 2 x 3 .0001 / .0003	Pair	No	.0001 per in.	3 lbs	**NJ50B123NHM**	Price
1 x 2 x 3 .0002	Pair	1	.0001 per in.	3 lbs	**NJ50BB123H1M**	Price
2 x 3 x 4 .0001 / .0003	Pair	23	.0001 per in.	12 lbs	**NJ50B234H23M**	Price
2 x 4 x 6 .0001 / .0003	Pair	23	.0001 per in.	24 lbs	**NJ50B246H23M**	Price

Fowler Heavy Duty Screw Jack MAX-JACK

- Simplify set-up applications on all machine and inspection operations
- Adjustable from 4.5” to 8”
- Quick-acting height adjustment
- Fine adjust ring for easy leveling
- Height locking ring
- Lifting capacity 2000 lbs (approx.)



Order No.	Price
NA5552104050	Price

Starrett "Little Giant" Jack Screws

- For leveling work on planer beds, upright drills and setting up machinery
- The versatility of this tool is greatly increased by the number of attachments available

MADE IN THE USA



Range - 1-1/2 to 2-1/4		
Description	**Order No.**	**Price**
191A Jack only	**MV7050688**	Price
191B Extension base	**MV7050689**	Price
191C Extension base	**MV7050690**	Price
191D Auxiliary Pointed Screw	**MV7050691**	Price
191E Extension base	**MV7050692**	Price
191D Extension V base	**MV7050693**	Price
S191 Set complete with all attachments	**MV7050687†**	Price

Range - 2-1/4 to 3-1/8		
Description	**Order No.**	**Price**
190A Jack only	**MV7050681**	Price
190B Extension base	**MV7050682**	Price
190C Extension base	**MV7050683**	Price
190D Auxiliary Pointed Screw	**MV7050684**	Price
190E Extension base	**MV7050685**	Price
190F Extension V base	**MV7050686**	Price
S190 Set complete with all attachments	**MV7050680†**	Price

† Maximum height with attachments: S190, 6-1/8”; S191, 3-3/4”

Fowler Machinist Jack Set

- Set consists of 2 machinists jacks in a shop-hardened case.
- Individual jacks consist of a heavy, steel cast 1-1/2″ base with adjustable steel screw and tilting swivel head, with a lock nut for permanent positioning
- Range: Min. 3″; Max: 4″, capacity: 1000 lbs



Order No.	Price
NA5552104025	Price

Screw Jack Sets

- Up to 1000 lbs
- Range: 2.25″ to 3.37″
- 1″ and 2″ extension bases
- Extensions may be combined
- Includes shop hardened case



Item	Order No.	Price
TESA	**MV4527421**	Price
Fowler	**NA5552104000**	Price

PROCHECK Jackscrew Set

- For leveling and adjusting machinery
- Easily fits into tight locations
- Total screw travel: 1”
- Minimum height: 2-3/8”
- Maximum body diameter is 1-1/4”
- Interchangeable parts have ringed shoulders and recesses for perfect alignment
- Set includes body, pivoting screw pad, conical screwpoint, 2” body extension, 1” body extension, Vee cap, knife edge cap and wrench, shop hardened case
- Black oxide finish



Order No.	Price
PC24JS7PS	Price

NATIONAL Machinist's Jack

- Base is made of a heavy cast steel with 1″ adjustable screw and tilting swivel head; lock nut for permanent positioning
- Lifting capacity approximately 1,000 lbs
- Range: Minimum 3″, maximum 4″



Order No.	Price
NE60193	Price

NATIONAL 2 Pc. All Purpose Clamp Set

- Made of stainless steel
- Serrated jaws provide a vise like grip when clamp is locked
- Has many applications
- 7″ Curved, & 4-1/2″ straight

WORLD CLASS QUALITY



Order No.	Price
NE60GPS	Price

PROCHECK 3 Pc. Drill Gage Set



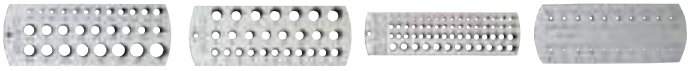
- Consists of 3 gages for checking drill bit sizes #1 thru #60, letter sizes A thru Z, and fractional sizes 1/16-1/2" x 64ths
- Chromed

Order No.	Price
NE60HMC958	Price

Starrett Drill Gages

MADE IN THE USA

- Drill gages are used to quickly and conveniently identify drill bit sizes
- Made of heavy gage steel, machined and ground to close tolerances
- Hole sizes and decimal equivalents are permanently etched on the face



MV7050677 MV7050718 MV7050676 MV7051320

Drill Range	Size (W X L) (in.)	Order No.	Price
#1 to 60	1-1/2 x 5-1/2	MV7050676	Price
#61 to 80	3/4 x 2	MV7051320	Price
1/16 to 1/2 by 64ths	2-5/16 x 6-1/4	MV7050677	Price
A to Z	2-5/16 x 6-1/4	MV7050718	Price

GENERAL Drill Gages

- General's drill gages are used to quickly and conveniently identify drill bit sizes
- Hole sizes and decimal equivalents are permanently etched on the face
- No. 13 is 3″ x 1-1/8″ wide; Nos. 14 & 15 are 5″ x 2″ wide

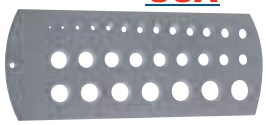


NE5014 NE5015

Description	Order No.	Price
1/16 to 1/2 by 64ths	NE5014	Price
#1 to 60	NE5015	Price

1/16" to 1/2" Fractional Size Drill Gage

MADE IN THE USA



- Gage has 29 measuring holes for determining twist drill sizes from 1/16" to 1/2" in 1/64" increments
- Shows drill sizes in inches and decimal equivalents

Order No.	Price
NB405052	Price

1.5 to 12.5mm Metric Twist Drill & Drill Rod Gage

MADE IN THE USA



- Gages 30 sizes from 1.5 to 12.5mm
- Gage shows metric sizes with decimal equivalents

Order No.	Price
NB405076	Price

1.0 to 5.9mm Metric Twist Drill & Drill Rod Gage

MADE IN THE USA

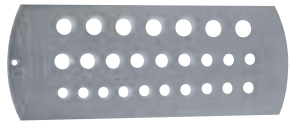


- Gages 57 sizes from 1.0 to 5.9mm
- Gage shows metric sizes with decimal equivalents

Order No.	Price
NB405075	Price

1-60 Twist Drill & Machine Screw Tap Gage

MADE IN THE USA

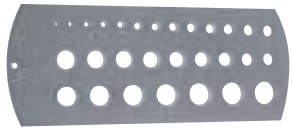


- Tells at a glance the correct size tap drill for machine screw tap in "NF" National Fine or "NC" National Coarse thread series
- Shows the correct body size drill to use
- 60 Sizes shown with number and decimal equivalent of drill at each hole

Order No.	Price
NB405051	Price

61-80 Twist Drill & Drill Rod Gage

MADE IN THE USA

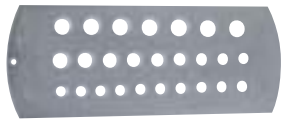


- Used to gage and select the correct twist drill and steel drill rod in the small size range from 61 through 80
- Each hole shows the size number and the corresponding decimal equivalent

Order No.	Price
NB405054	Price

A to Z Alphabet Drill Gage

MADE IN THE USA



- Used to select or check drill sizes from "A" to "Z"
- Each gage hole is marked by letter and its decimal equivalent from .234 inch diameter through .413 inch diameter

Order No.	Price
NB405053	Price

Starrett Tap and Drill Gage



- Show correct size tap drill for any National Coarse or National Fine tap from #2-56NC to 1/4-28NF to produce 75% full thread
- Gage also shows correct body size drill and provides 60 holes marked with number, size and decimal equivalent of drills from No.1 through No. 60
- Hardened, ground, polished and tested for accuracy
- Gage is 5/64" thick by 2-5/16" wide by 6-1/4" long

Model No.	Range of Tap Drill	Range of Body Drill	Order No.	Price
185	50 to 3	44 to 1/4	MV7050675	Price

GENERAL Reference Table



- Essential tap drill and decimal equivalents reference table for toolmakers, machinists and mechanics
- Front has machine screw size tap drill chart for recommended 75 depth thread
- Back has decimal equivalents table in 64ths from 1/64″ to 63/64″
- For National Fine and National Special series of machine screws
- Convenient 6″ rule is graduated in 64ths

Order No.	Price
NE50715	Price

GENERAL Sheet Metal Gage



- For gaging uncoated sheet metal, plate iron and steel
- Gage numbers are U.S. Standard 0 to 36, based on weights in ounces per square in.
- Decimal equivalents are on reverse side
- Chrome finished is hardened & tempered
- 3-1/4″ Diameter, 3/32″ thick

Order No.	Price
NE5021	Price

American Standard Wire Gage for Non-Ferrous Metals

- Gage sheets, plates and wire made of non-ferrous metals such as copper, brass, aluminum, etc.
- Sizes range from 0 to 36
- Decimal equivalents shown on reverse side

MADE IN THE USA



Order No.	Price
NB405056	Price

U.S. Standard Wire Gage for Sheet, Plate-Iron & Steel

- Gage is made to the recognized commercial standard in the United States for uncoated sheet metal, plate iron and steel, based on weights in ounces per square foot
- Gage provides measurements from 0 to 36 on one face; decimal equivalents on reverse side



Item	Order No.	Price
	NB405058	Price
PRO-CHECK	NE60RGW1	Price

Drill Point Gage

MADE IN THE USA

- Ensures correct drill point angle of 59° for better, faster cutting
- Accurately measures drill lip lengths
- An all-around tool — also can be used as plain rule, hook rule, depth gage, try square and slide caliper



Item	Head Bevel/ Grad.	Hook Rule Length	Hook Rule Graduations	Order No.	Price
	Bevel 59° Grad. 32nds	6	8ths, 16ths, 32nds, 64ths	NB405070	Price
Starrett	Bevel 59° Grad. 32nds	6	8ths, 16ths, Quick Reading 32nds, 64ths	MV7050150	Price

Starrett U.S. Standard Gage-Hardened Sheet

- Made to the United States standard for uncoated sheet, plate iron and steel based on weights in ounce per square foot
- Range: .3125" - .007"
- Satin chrome finish
- Decimal equivalents on reverse side
- Carefully tested after hardening

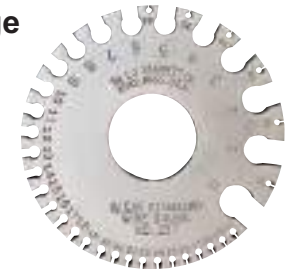


Order No.	Price
MV7051318	Price

Starrett Steel Wire Gage

- For gaging steel wire and drill rod to the American Steel & Wire Company (Washburn & Moen) standard and checks sizes from 0 to 36
- Also known as United States steel wire gage
- Decimal equivalents on back
- Satin finish
- Carefully tested for accuracy after hardening

MADE IN THE USA



Range Gage No.	Order No.	Price
0 to 36	MV7051321	Price

Starrett English Standard Wire Gage

- For gaging iron wire, hot and cold rolled sheet steel and in some cases sheet iron by the English Standard Wire system also known as Birmingham or Stubs
- Satin finish
- Tested after hardening

MADE IN THE USA



Range Gage No.	Order No.	Price
1 to 36	MV7050678	Price

Fowler Drill and Wire Gages



Type - Drill Gage		
Description	Order No.	Price
1/16 to 1/2 Jobber Drill-29 Holes	NA5552480005	Price
A to Z Letter Drill-26 Holes	NA5552480020	Price
#1 to #60 Number Drill-60 Holes	NA5552480010	Price
#61 to #80 Number Drill-20 Holes	NA5552480015	Price
1 to 5.9 mm Jobber Drill-57 Holes	NA5552480006	Price
1.5 to 12.5mm Drill Gage-30 Holes	NA5552480008	Price

Type - Wire Gage		
Description	Order No.	Price
American Standard: 0 to 36 Gauge	NA5552480040	Price
US Standard: 0 to 36 Gauge	NA5552480030	Price

General Quick Check Screw Gage

- Quick way to identify machine screws, bolts, wood screws, self tapping screws, standard size rivets, and common cotter pin sizes up to 5/16" (8mm)
- 3" scale to check screw lengths
- Checker gives required drill size for corresponding tap size and proper drill size for like hole
- Threaded holes indicate threads per inch while unthreaded indicate size by number and fractions of an inch
- Durable engineering plastic



Order No.	Price
NE50714	Price

PROCHECK 5/16"-6" Telescoping Gage Sets

- Uniform contact pressure
- Self centering plungers
- Locks on any setting
- Rounded contacts
- Knurled knob on handle
- Available individually or in sets
- Bore size obtained by measuring over gage contacts with a micrometer



Style	Order No.	Price
Economy	**NN40290100**	Price
Premium	**PC24TSG6PS**	Price
TiN Coated	**PC24TGS6PST**	Price

PROCHECK Telescoping Gages

- Measure inside diameter
- Spring loaded plunger expands within the bore
- Knurled end clamp



Range (in.)	Order No.	Price
5/16 to 1/2	**PC24TSG1P**	Price
1/2 to 3/4	**PC24TSG2P**	Price
3/4 to 1-1/4	**PC24TSG3P**	Price
1-1/4 to 2-1/8	**PC24TSG4P**	Price
2-1/8 to 3-1/2	**PC24TSG5P**	Price
3-1/2 to 6	**PC24TSG6P**	Price

PROCHECK 12" Telescoping Gages

- Measure inside diameter
- Long handles for extra depth applications
- Spring loaded plunger expands within the bore
- Knurled clamp



Range (in.)	Order No.	Price
5/16 to 1/2	**PC24TSG1P12**	Price
1/2 to 3/4	**PC24TSG2P12**	Price
3/4 to 1-1/4	**PC24TSG3P12**	Price
1-1/4 to 2-1/8	**PC24TSG4P12**	Price
2-1/8 to 3-1/2	**PC24TSG5P12**	Price
3-1/2 to 6	**PC24TSG6P12**	Price

Telescoping Hole Gages

- Uniform contact pressure
- Self centering plungers
- Locks on any setting
- Rounded contacts
- Knurled knob on handle
- Available individually or in sets
- Bore size obtained by measuring over gage contacts with a micrometer



Item	Description	Model No.	Order No.	Price
	Set of 4 Gages, including sizes 5/16" - 2&1/8"	3S-4	**NB40T134**	Price
	Set of 5 Gages, including sizes 5/16" - 6"	3S-5	**NB40T135**	Price
	Complete set of all six sizes	3S-6	**NB40T136**	Price
	4 Pc. Set 5/16 - 2-1/8" with 6" Arm	599-591-10	**MV4545368**	Price
	6 Pc. Set 5/16 - 6" with 6" Arm	599-591-20	**MV4545369**	Price
Fowler	6 Pc. Set 5/16 - 6" with 6" Arm	52-470-006	**NA5552470006**	Price
	6 Pc. Set 5/16 - 6" with 12" Arm	52-470-007	**NA5552470007**	Price

Starrett Telescoping Gages

MADE IN THE USA

- 5/16" to 6" Range
- Uniform contact pressure
- Self centering plungers
- Locks on any setting
- Rounded contacts
- Knurled knob on handle
- Available individually or in sets
- Bore size obtained by measuring over gage contacts with a micrometer



Type - Set of four, No. 579A,B,C,D, in case				
Starrett No.	English Range (in.)	Metric Range	Order No.	Price
S579GZ	5/16 to 2-1/8 (8-54mm)	4	**MV7052616**	Price

Type - Set of six, No. 579A,B,C,D,E,F, in case				
Starrett No.	English Range (in.)	Metric Range	Order No.	Price
S579HZ	5/16 to 6 (8-150mm)	6	**MV7052617**	Price

Type - Telescoping Gage			
Starrett No.	English Range (in.)	Order No.	Price
579A	5/16 to 1/2 (8-12.7mm)	**MV7052610**	Price
579A-8	5/16 to 1/2 (8-12.7mm)	**MV7063192**	Price
579A-12	5/16 to 1/2 (8-12.7mm)	**MV7063195**	Price
579B	1/2 to 3/4 (12.7mm-19mm)	**MV7052611**	Price
579B-8	1/2 to 3/4 (12.7mm-19mm)	**MV7063193**	Price
579B-12	1/2 to 3/4 (12.7mm-19mm)	**MV7063196**	Price
579C	3/4- to 1-1/4 (19-32mm)	**MV7052612**	Price
579C-8	3/4- to 1-1/4 (19-32mm)	**MV7063194**	Price
579C-12	3/4- to 1-1/4 (19-32mm)	**MV7063197**	Price
579D	1-1/4 to 2-1/8 (32-54mm)	**MV7052613**	Price
579D-12	1-1/4 to 2-1/8 (32-54mm)	**MV7063198**	Price
579E	2-1/8 to 3-1/2 (54-90mm)	**MV7052614**	Price
579E-12	2-1/8 to 3-1/2 (54-90mm)	**MV7063199**	Price
579F	3-1/2 to 6 (90-150mm)	**MV7052615**	Price
579F-12	3-1/2 to 6 (90-150mm)	**MV7063200**	Price

Note: -8 on Starrett No, means the handle is 8"; -12 means the handle is 12"

Mitutoyo Telescope Gage Sets

- 5/16" to 6" Range
- Uniform contact pressure
- Self centering plungers
- Locks on any setting
- Rounded contacts
- Knurled knob on handle
- Available individually or in cets
- Bore size obtained by measuring over gage contacts with a micrometer



Range (in./mm)	OAL	Order No.	Price
1/2 to 6 (12.7-150mm)	5	**MT80155-904**	Price
5/16 to 2-1/8 (8-54mm)	4	**MT80155-907**	Price
5/16 to 6 (8-150mm)	6	**MT80155-903**	Price

Individual Telescoping Gages Available

Fowler 5/16" to 6" Range Telescoping Gage Set with Titanium Coated Contact Points

- Contact points are Titanium coated for accuracy and durability
- Double action rigid handle with self-centering contacts
- Constant spring tension for uniform feel
- Includes fitted vinyl case



Order No.	Price
NA5552470000	Price

PROCHECK Small Hole Gage Set

1/8"-1/2" Range



- Range: .125 - .500"
- Knurled knob for size adjustment
- Gaging surface fully hardened for long life
- Extra long for gaging deep & shallow holes
- Hole size obtained by measuring over contact points with micrometer
- Case included

Order No.	Price
NN40290200	Price

Mitutoyo Small Hole Gages





- (.125″ to .500″) Extra long for gaging deep and shallow holes, slots and similar work
- Gaging surface is a full-round with a flat bottom; permits use in smallest of shallow holes, slots and grooves, etc
- Knurled knob at end of handle is used for size adjustment. Hole size is obtained by measuring over the contact points with a micrometer
- Gaging surface is fully hardened to insure long tool life
- Supplied 4 gages in a fitted case

Type - Extra Long Small Hole Gages			
Range (in./mm)	Probe Depth (L in.)	Order No.	Price
.125 to .200 (3-5mm)	.880	**MT80154-105**	Price
.200 to .300 (5-7.5mm)	1.200	**MT80154-106**	Price
.300 to .400 (7.5-10mm)	1.600	**MT80154-107**	Price
.400 to .500 (10-13mm)	1.600	**MT80154-108**	Price

Type - Set of 4 Gages			
Range (in./mm)	Overall Length (in.)	Order No.	Price
.125 to .500 (3-13mm)	4	**MT80154-901**	Price

Starrett Small Hole Gages Full-Ball, Short Style

- Knurled knob for adjusting contacts
- Hardened contacts

MADE IN THE USA



Type - Small Hole Gages				
Starrett No.	English Range (in.)	Metric Range (mm)	Order No.	Price
830A	.125 to .150	3.2 to 3.8mm	**MV7053076**	Price
830B	.150 to .200	3.8 to 5.1mm	**MV7053077**	Price
830C	.200 to .300	5.1 to 7.6mm	**MV7053078**	Price
830D	.300 to .400	7.6 to 10.2mm	**MV7053079**	Price
830E	.400 to .500	10.2 to 12.7mm	**MV7053080**	Price

Type - Full Ball Short Small Hole Gage Set				
Starrett No.	English Range (in.)	Metric Range (mm)	Order No.	Price
S830FZ	.125 to .500	3.2 to 12.7	**MV7053081**	Price

Type - Small Hole Gage Set Case Only				
Starrett No.	English Range (in.)	Metric Range (mm)	Order No.	Price
S830FZZ	-	-	**MV7055392**	Price

Starrett Small Hole Gages Full-Ball Style

- Regulate by turning knurled knob at end of handle
- Accurately measures holes, slots, grooves and recesses
- Measurements obtained by measuring ball contact with micrometer

MADE IN THE USA



Type - Full Ball Small Hole Gage Set				
Starrett No.	English Range (in.)	Metric Range (mm)	Order No.	Price
S829EZ	.125 to .500	3.2 to 12.7	**MV7053074**	Price

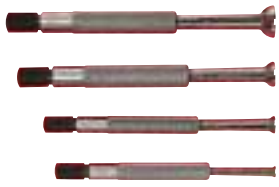
Type - Small Hole Gage Set Case Only				
Starrett No.	English Range (in.)	Metric Range (mm)	Order No.	Price
S829EZZ	-	-	**MV7055391**	Price

Type - Small Hole Gages				
Starrett No.	English Range (in.)	Metric Range (mm)	Order No.	Price
829A	.125 to .200	3.2 to 5.1mm	**MV7053070**	Price
829B	.200 to .300	5.1 to 7.6mm	**MV7053071**	Price
829C	.300 to .400	7.6 to 10.2mm	**MV7053072**	Price
829D	.400 to .500	10.2 to 12.7mm	**MV7053073**	Price

Starrett Small Hole Gages Half-Ball Style

- Long length
- Knurled knob for adjusting contacts
- Hardened contacts

MADE IN THE USA



Type - Small Hole Gages				
Starrett No.	English Range (in.)	Metric Range (mm)	Order No.	Price
831A	.125 to .200	3.2 to 5.1mm	**MV7053083**	Price
831B	.200 to .300	5.1 to 7.6mm	**MV7053084**	Price
831C	.300 to .400	7.6 to 10.2mm	**MV7053085**	Price
831D	.400 to .500	10.2 to 12.7mm	**MV7053086**	Price

Type - Small Hole Gage Set				
Starrett No.	English Range (in.)	Metric Range (mm)	Order No.	Price
S831EZ	.125 to .500	3.2 to 12.7	**MV7053087**	Price

Type - Small Hole Gage Set Case Only				
Starrett No.	English Range (in.)	Metric Range (mm)	Order No.	Price
S831EZZ	-	-	**MV7055393**	Price

Small Hole Gages

- Gaging surface is fully hardened
- Satin chrome finish
- Set supplied in fitted case

MADE IN THE USA



Capacity (in.)	Order No.	Price
4 Pc. Set-Sizes A-D	**NB404S4**	Price
Size A-.125 to .200	**NB404A**	Price
Size B-.200 to .300	**NB404B**	Price
Size C-.300 to .400	**NB404C**	Price
Size D-.400 to .500	**NB404D**	Price

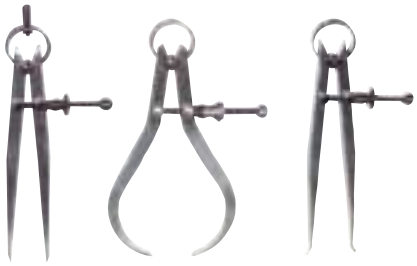
Small Hole Gage Set

Range: .125″ to .500″ (3.18 to 12.7mm)



Item	Order No.	Price
TESA	**MV4551885**	Price
Fowler	**NA5552472104**	Price

PROCHECK Flat Leg Pattern Dividers & Calipers



- Flat leg dividers and caliper legs are forged of special caliper steel
- Hardened and tempered bow springs and fulcrum spools assure uniform tension without side play
- Adjusting screw has a self-seating washer and nut to permit quick and positive adjustment
- Dividers have hardened points
- Calipers have hardened measurement faces

	Divider		Inside Caliper		Outside Caliper	
Size (in.)	Order No.	Price	Order No.	Price	Order No.	Price
4	**NE60D4**	Price	**NE60IC4**	Price	**NE60OC4**	Price
6	**NE60D6**	Price	**NE60IC6**	Price	**NE60OC6**	Price
8	**NE60D8**	Price	**NE60IC8**	Price	**NE60OC8**	Price
10	**NE60D10**	Price	**NE60IC10**	Price	**NE60OC10**	Price
12	**NE60D12**	Price	**NE60IC12**	Price	**NE60OC12**	Price
18	**NE60D18**	Price	**NE60IC18**	Price	**NE60OC18**	Price
24	**NE60D24**	Price	**NE60IC24**	Price	**NE60OC24**	Price
36	**NE60D36**	Price	**NE60IC36**	Price	**NE60OC36**	Price
4, 6, 8	**NE603DS†**	15.25	**NE603ICS†**	15.25	**NE603OCS†**	Price

† 3 piece set

PROCHECK Spring Caliper Sets



- Consists of 1 each: inside, outside and divider
- 4″, 6″, 8″ and 12″ sets

Size (in.)	Order No.	Price
4	**NE604CS**	Price
6	**NE606CS**	Price
8	**NE608CS**	Price
12	**NE6012CS**	Price

GENERAL All American Pocket Protector Kit



- This handy pocketsize toolkit is designed for the mechanic, machinist or hobbyist
- The kit contains four of General's best-selling tools: No. 300, 6″ rule; No. 383X, telescoping magnetic pickup; No. 87, automatic center punch and No. 88, scriber
- All tools packaged in vinyl pocket protector which can be snapped closed.
- Pocket flap is imprinted with full color American flag

Order No.	Price
NE50S008	Price

Mitutoyo Spring Dividers, Outside Spring Calipers, Inside Spring Calipers

- **Spring dividers:** fully hardened and tempered joints, spring, washers and divider points, high carbon steel legs deeply heat treated for lifetime service and has a brushed, natural steel finish
- **Outside spring calipers:** contact ends fully rounded to give accurate dimension and has a brushed, natural finish
- **Inside spring calipers:** ends fully rounded to give accurate contact with work and has a brushed, natural steel finish



Description	Order No.	Price
6" Inside Spring Caliper	**MT80950-232**	Price
6" Outside Spring Caliper	**MT80950-222**	Price
6" Spring Divider	**MT80950-212**	Price
8" Inside Spring Caliper	**MT80950-233**	Price
8" Outside Spring Caliper	**MT80950-223**	Price
8" Spring Divider	**MT80950-213**	Price

Dividers & Calipers

MADE IN THE USA



- Easy adjustment over entire range
- Centrally located adjustment screw
- Balanced legs, uniform tension
- Polished natural steel finish
- Hardened tips on all dividers

	Inside Caliper		Outside Caliper		Spring Divider	
Size (in.)	Order No.	Price	Order No.	Price	Order No.	Price
4	**NB408200004**	Price	**NB408300004**	Price	**NB408100004**	Price
6	**NB408200006**	Price	**NB408300006**	Price	**NB408100006**	Price
8	**NB408200008**	Price	**NB408300008**	Price	**NB408100008**	Price
12	**NB408200012**	Price	**NB408300012**	Price	**NB408100012**	Price

PROCHECK 4" & 6" Hermaphrodite Calipers



Size (in.)	Order No.	Price
4	**NE60HC4**	Price
6	**NE60HC6**	Price

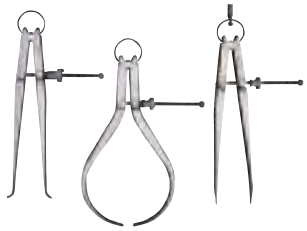
Precision Adjustable Trammels



- Draw large circles and measure sizable distances with the accuracy of a divider
- Fine adjusting screw sets points accurately
- Points are removable & may be replaced with the pencil holder
- Die cast bodies with hardened & ground 3″ needlepoint legs
- Clamp opening for beam is 3/8″× 3/4″

Item	Order No.	Price
GENERAL	**NE50520**	Price
Starrett	**MV7050268**	Price

Starrett® Flat "Yankee" Calipers and Dividers



Type - Divider (Solid Nut)			
Starrett No.	Size (in.)	Order No.	Price
83A-4	4	**MV7050376**	Price
83A-6	6	**MV7050378**	Price
83A-8	8	**MV7050380**	Price
83A-12	12	**MV7050384**	Price

Type - Divider (Spring Nut)			
Starrett No.	Size (in.)	Order No.	Price
83B-4	4	**MV7050377**	Price
83B-6	6	**MV7050379**	Price
83B-8	8	**MV7050381**	Price
83B-12	12	**MV7050385**	Price

Type - Inside Caliper (Solid Nut)			
Starrett No.	Size (in.)	Order No.	Price
73A-4	4	**MV7050334**	Price
73A-6	6	**MV7050336**	Price
73A-8	8	**MV7050338**	Price
73A-12	12	**MV7050342**	Price

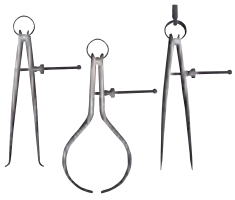
Type - Inside Caliper (Spring Nut)			
Starrett No.	Size (in.)	Order No.	Price
73B-4	4	**MV7050335**	Price
73B-6	6	**MV7050337**	Price
73B-8	8	**MV7050339**	Price
73B-12	12	**MV7050343**	Price

Type - Outside Caliper (Solid Nut)			
Starrett No.	Size (in.)	Order No.	Price
79A-4	4	**MV7050364**	Price
79A-6	6	**MV7050366**	Price
79A-8	8	**MV7050368**	Price
79A-12	12	**MV7050372**	Price

Type - Outside Caliper (Spring Nut)			
Starrett No.	Size (in.)	Order No.	Price
79B-4	4	**MV7050365**	Price
79B-6	6	**MV7050367**	Price
79B-8	8	**MV7050369**	Price
79B-12	12	**MV7050373**	Price

Starrett® Toolmaker's Calipers and Dividers

With Round Legs - Solid Nut



- Legs are made from round stock drawn down to a smooth taper
- Fulcrum stud is hardened, bearing surfaces of legs are sufficiently large to prevent any side deflection
- Bow spring is strong and flexible, with adjustment centrally located in legs to assure smooth action

MADE IN THE USA

Type - Divider			
Starrett No.	Size (in.)	Order No.	Price
277-3	3	**MV7051309**	Price
277-6	6	**MV7051311**	Price

Type - Inside Caliper			
Starrett No.	Size (in.)	Order No.	Price
274-3	3	**MV7051301**	Price
274-6	6	**MV7051303**	Price

Type - Outside Caliper			
Starrett No.	Size (in.)	Order No.	Price
275-3	3	**MV7051305**	Price
275-6	6	**MV7051307**	Price

Starrett® Firm Joint Inside & Outside Calipers

MADE IN THE USA



Type - Inside Caliper			
Starrett No.	Size (in.)	Order No.	Price
27-6	6	**MV7050193**	Price
27-12	12	**MV7050196**	Price
27-18	18	**MV7050197**	Price
27-24	24	**MV7050198**	Price



Type - Outside Caliper			
Starrett No.	Size (in.)	Order No.	Price
26-6	6	**MV7050186**	Price
26-12	12	**MV7050189**	Price
26-18	18	**MV7050190**	Price
26-24	24	**MV7050191**	Price
26-36	36	**MV7050192**	Price

Starrett® 6" Firm Joint Hermaphrodite Calipers

MADE IN THE USA



Model 243-6

- Improved firm joint and a round adjustable point
- The leg holding the adjustable point is offset

Order No.	Price
MV7051143	Price

Starrett® Dividers



- Quadrant adjusting nut provides fine adjustment for close measurements
- Lock nut
- Adjustable points

Starrett No.	Size (in.)	Order No.	Price
92-6	6	**MV7050423**	Price
92-9	9	**MV7050426**	Price

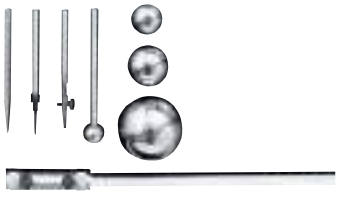
Starrett® Steel Beam Trammels



MADE IN THE USA

Starrett No.	Beam Size	Scribe Circle Dia. (in.)	Order No.	Price
C251A	10-1/2	18	**MV7051205**	Price
C251AZZ	Case Only	-	**MV7055243**	Price
C251B	14-1/2	26	**MV7051207**	Price
C251BZZ	Case Only	-	**MV7055244**	Price
C251C	20	36	**MV7051209**	Price
C251CZZ	Case Only	-	**MV7055245**	Price

Starrett® Steel Beam Trammels Attachments



MADE IN THE USA

Starrett No.	Attachments	Order No.	Price
C251D	Coupling, with extra 20" beam (when used with No. C251C will scribe circle 72" diam.)	**MV7051211**	Price
C251E	Trammel Ball Points & Holder	**MV7051212**	Price

PROCHECK Inch Radius Gage Sets



- All sets have stainless steel, hardened, satin chrome clad finish
- Each blade marked with size
- Plastic case included

Gages Per Set	Range	Order No.	Price
8	9/16 to 1 by 16ths	**NB67L300E**	Price
25	1/64 to 17/64 by 64ths and 9/32 to 1/2 by 32nds	**NB67L300CX**	Price

PROCHECK Angle Gage Set



- 18 Individual gages for easy use
- 8 Gaging surfaces per gage
- Each gage checks primary, 1/2 primary and complementary angles
- Quick and accurate inspection of angles and ID or OD chamfers
- Inspect angles on ground form tools and cutters

Order No.	Price
NB67L300AG	Price

Starrett Radius Gage Sets



MADE IN THE USA

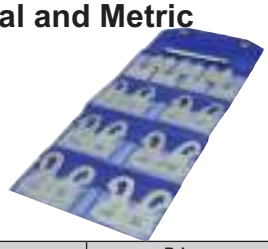
- Made of stainless steel with no-glare satin finish
- Individual gages permit each gage to be used separately for greatest accuracy and convenience
- Each gage is marked with its radius and has five different gaging surfaces for both convex and concave radii
- Available with handy gageholder for checking radii in hard-to-reach locations.
- All sets furnished in attractive, protective case

Individual gages with or without holder are available - price on application

Type - Radius Gage Sets				
Starrett No.	**Gages Per Set**	**Range (in.)**	**Order No.**	**Price**
S167AHZ	17	1/64 to 17/64 by 64ths	**MV7050616**	Price
S167AZ	16	1/32 to 17/64 by 64ths	**MV7050615**	Price
S167BZ	8	9/32 to 1/2 by 32nds	**MV7050617**	Price
S167CHZ	25	1/64 to 17/64 by 64ths and 9/32 to 1/2 by 32nds	**MV7050619**	Price
S167CZ	24	1/32 to 17/64 by 64ths and 9/32 to 1/2 by 32nds	**MV7050618**	Price
S167DZ	16	1/32 to 1/2 by 32nds	**MV7050620**	Price
S167MAHZ	14	.5 to 7mm by 0.5mm	**MV7055818**	Price
S167MAZ	13	1mm to 7mm by 0.5mm	**MV7055817**	Price
S167MCHZ	22	.5 to 7mm by .5 and 8mm to 15mm by 1mm	**MV7055821**	Price
S167MCZ	21	1mm to 7mm by 0.5mm and 8mm to 15mm by 1mm	**MV7055820**	Price
S167MDZ	15	1mm to 15mm by 1mm	**MV7055822**	Price
SD167FHZ	19	.020 to .500	**MV7063460**	Price
SD167GZ	26	.010 to .500	**MV7063433**	Price
110	-	Holder Only	**MV7050475**	Price

Type - Radius Gage Set with Certification				
Starrett No.	**Gages Per Set**	**Range (in.)**	**Order No.**	**Price**
S167CHZW/SLC	25	1/64 to 17/64 by 64ths and 9/32 to 1/2 by 32nds	**MV7066876**	Price

PROCHECK 26 Pc. Decimal and Metric Radius Gage Sets



- Used for inspection, layout, pattern making and all other machining jobs
- Satin chrome finish
- Each gage is marked with its size
- Each gage has five measuring surfaces for convex and concave radii

Size	Order No.	Price
.010 - .500	**PC24L300D**	Price
0.5 - 13mm	**PC24L300M**	Price

Mitutoyo Radius Gage Sets



No. of Leaves	Size (in.)	Order No.	Price
8	9/32 to 1/2 by 32nds	**MT80186-904**	Price
10	.550 to 1 by .050	**MT80186-907**	Price
17	1/64 to 17/64 by 64ths	**MT80186-903**	Price
25	1/64 to 17/64 by 64ths & 9/32 to 1/2 by 32nds	**MT80186-901**	Price
26	.010-.030 by .005, .040-.100 by .010, .120-.300 by .020, .350-.500 by .050	**MT80186-906**	Price

Fowler Radius Gages



- Check radius, concave and convex work
- Non-rust steel, precision ground
- Used for inspection, layout, pattern making and other machining jobs
- Holders accommodate gages at 30° and 45°
- 26 piece set with holder. Ranges 1/64″ - 17/64″ by 64ths and 9/32″ - 1/2″ by 32nds in vinyl case

Order No.	Price
NA5552470010	Price

PROCHECK Fillet and Radius Gages



Range by 64ths	No. of Leaves	Order No.	Price
1/32 to 1/4	30	**NE60RG30**	Price
17/64 to 1/2	32	**NE60RG32**	Price

Starrett Radius Gage

MADE IN THE USA



Has 20 leaves as follows:

- (9) With concave and convex radii from .020″ to .100″ by .010″
- (4) With concave and convex radii from .125″ to .200″ by .025″
- (1) With concave and convex radii of .250″
- (3) With concave radii only from .300″ to .400 by .050″
- (3) With convex radii only from .300″ to .400″ by .050″

Starrett No.	No. of Leaves	Range	Order No.	Price
279	20	.020 to .400	**MV7051314**	Price

Radius Gages

MADE IN THE USA

- Used for measuring concave and convex surfaces
- Each blade clearly marked with radius size
- Blades protected in sturdy steel case
- Locking device at each end to secure all blades for storage or position an individual blade for use
- Concave and convex surfaces may be measured with the external and internal radius on each leaf



No. of Leaves	Range	Order No.	Price
16	1/32 to 17/64 by 64ths	**NB405041**	Price
16	9/32 to 33/64 by 64ths	**NB405042**	Price
32	17/64 to 1/2 by 64ths	**NB405044**	Price

PROTO Master Feeler Gauge Sets

MADE IN THE USA



Thickness	No. of Blades	Model No.	Order No.	Price
Sizes: 003", 004", 005", 006", 008", 010", 012", 015", 018"	9	J000A	**KP4272425**	Price
Sizes: 0015" thru 040" except 019"	25	J000AA	**KP4272430**	Price
Sizes: 006mm, 007mm, 008mm, 010mm, 015mm, 020mm, 025mm, 030mm, 035mm, 040mm, 045mm, 050mm, 055mm, 060mm, 070mm	15	J00MM15	**KP4272435**	Price
004mm, 005mm, 006mm, 007mm, 008mm, 009mm, 010mm, 015mm, 020mm, 025mm, 030mm, 035mm, 040mm, 045mm, 050mm, 055mm, 060mm, 065mm, 070mm, 075mm, 080mm, 085mm, 090mm, 095mm, 100mm	25	J00MM25	**KP4272440**	Price

PROTO 6 Blade Non-Magnetic Feeler Gauge Set

MADE IN THE USA

- Contains non-magnetic brass feeler blades for checking the air gap in electronic ignition systems for all weather conditions
- 1/2" x 3" Blades in steel holder
- Sizes: .006", .008", .010", .012", .014", .016"
- Blades etched with both decimal size and metric equivalent



Model No.	Order No.	Price
J000BR	**KP4272470**	Price

PROTO Long Blade Feeler Gauges

MADE IN THE USA

- Individual sizes



Thickness (in.)	Model No.	Order No.	Price
.0015	J0015L	**KP4272315**	Price
.002	J002L	**KP4272325**	Price
.003	J003L	**KP4272335**	Price
.004	J004L	**KP4272345**	Price
.005	J005L	**KP4272355**	Price
.006	J006L	**KP4272365**	Price

PROTO Bent Feeler Gauge Set

MADE IN THE USA

11 Blades

- 1/2" x 4-3/16" Blades with a 1" bend in steel holder
- Sizes: .006", .008", .010", .011", .012", .013", .014", .015", .018", .019", .020"
- Blades etched with both decimal size and metric equivalent



Model No.	Order No.	Price
J000M	**KP4272450**	Price

PROTO Blade Step Cut Feeler Gauge Set

MADE IN THE USA

22 Blades

- Go / No-Go 1/2 x 3-5/16" blades in steel holder
- Each blade has two different thicknesses
- Sizes: .004/.006", .005/.007", .006/.008", .007/.009", .008/.010, .009/.011", .010/.012", .011/.013", .012/.014", .013/.015", .014/.016", .015/.017", .016/.018", .017/.019", .018/.020", .019/.021", .020/.022", .021/.023", .022/.024", .023/.025", .024/.026", .025/.027"
- Blades etched with both decimal size and metric equivalent



Model No.	Order No.	Price
J000N	**KP4272455**	Price

PROTO Short Blade Feeler Gauges

MADE IN THE USA

- Short blade feeler gauge



Thickness (in.)	Model No.	Order No.	Price
.002	J002	**KP4272320**	Price
.003	J003	**KP4272330**	Price
.004	J004	**KP4272340**	Price
.005	J005	**KP4272350**	Price
.006	J006	**KP4272360**	Price
.009	J009	**KP4272385**	Price
.010	J010	**KP4272390**	Price

PROTO Long Feeler Gauge Sets

MADE IN THE USA

- 1/2" x 12" Blades in steel holder
- Sizes: .0015", .002", .003", .004", .005", .006", .008", .010", .012", .014", .015", .020"
- Blades etched with both decimal size and metric equivalent



Thickness	Model No.	Order No.	Price
Sizes: .0015", .002", .003", .004", .005", .006", .008", .010", .012", .014", .015", .020"	J000SL	**KP4272460**	Price
Sizes: 0015", 002", 003", 004", 005", 006", 007", 008", 009", 010", 011", 012", 013", 014", 015", 016", 017", 018", 019", 020", 021", 025", 027", 030", 040"	J000TL	**KP4272465**	Price

PROTO 16 Blade Overhead Valve Feeler Gauge Set

MADE IN THE USA

- 1/2" Wide bent gauges for setting overhead valves
- Sizes: .009", .010", .011", .014", .015", .016", .017", .018", .019", .020", .021", .023", .024" .025" .026", .027".
- Blades are offset at a right angle to help protect hands from a hot manifold while setting an overhead value
- Blades etched with both decimal size and metric equivalent



Model No.	Order No.	Price
J000R	**KP4272420**	Price

PROCHECK Feeler Thickness Gages

- Straight leaf thickness gage - 1/2" wide x 3" long
- Tapered leaf thickness gage - 3" long leaves taper from 1/2" to 1/4"





No. of Leaves	Style	Range	Order No.	Price
9	Straight	.0015 to .015	**NB45STG9**	Price
26	Straight	.0015 to .025	**NB45STG26**	Price
26	Tapered	.0015 to .025	**NB45TTG26**	Price

GENERAL Economy Feeler Thickness Gages

15 Leaf Economy Gage with 3" Leaves

- Gage includes: .002, .003, .004, .005, .006, .007, .008, .010, .011, .012, .013, .014 .015, .020, & .025"
- Metric range from .051 to .635mm



26 Leaf Economy Gage

General's best selling feeler gauge provides precision accuracy at a reasonable priceTT

- 3" x 1/2" leaves
- 26 leaves include the following sizes: .0015, .002, .0025, .003, .004, .005, .006, .007, .008, .009, .010, .011, .012, .013, .014, .015, .016, .017, .018, .019, .020, .021, .022, .023, .024, and .025"
- Metric range from .037 to .635mm

No. of Leaves	Range	Order No.	Price
26	.0015 to .025 (.037 to .635mm)	**NE50230**	Price

GENERAL Feeler Thickness Gages

- Made of the finest high grade precision gage steel.
- Each leaf is etched with size numbers in thousandths for quick identification.
- Knurled lock nut holds the leaves in desired position.
- Gages conform to government specifications GGG-G–17b.



		Straight Leaves	
No. of Leaves	Range	Order No.	Price
26	.0015 to .025	**NE50226**	Price

Feeler Gages

MADE IN THE USA

- Made from the finest steel feeler gage stock available, hardened and tempered
- Lock-nub securely holds one or more blades in any desired position for taking measurements
- Each blade clearly marked with thickness
- Blades easily removed or replaced
- Sturdy steel case protects blades safely and securely



Type of Blades	Width at Tip	Blade Length	No. of Blades	Thicknesses Included	Order No.	Price
Straight	1/2	3	15	.0015 to .200	**NB405015**	Price
Straight	1/2	3	26	.0015 to .025	**NB405026**	Price
Straight	1/2	3	26	.0015 to .035	**NB405027**	Price
Straight	1/2	4-1/2	13	.0015 to .200	**NB405013**	Price
Straight, 30° Bent End	1/2	3-1/4	25	.0015 to .035	**NB405012**	Price
Tapered	1/4	3	26	.0015 to .025	**NB405026T**	Price

Starrett Thickness Gages

MADE IN THE USA

- Made in a wide range of types and sizes to meet all requirements with 6 up to 26 leaves ranging from .0015" to .200" thick, straight or tapered
- Leaves made of tempered steel, carefully finished to correct thickness, individually tested and marked
- A locking device is furnished on most gages
- Leaves may be easily removed or replaced



Style - Regular				
No. of Leaves	Size of Leaves	Range	Order No.	Price
8	1/2 x 12	.002 to .015	**MV7050654**	Price
9	1/2 x 3-1/32	.0015 to .015	**MV7050649**	Price
13	1/2 x 4-1/2	.0015 to .200	**MV7052464**	Price
13	12.7mm x 114mm	0.04 to 0.50mm	**MV7052465**	Price
13	12.7mm x 77mm	0.03 to 0.50mm	**MV7057086**	Price
20	12.7mm x 77mm	0.05 to 1mm	**MV7055974**	Price
22	1/2 x 3-1/2	.0015 to .035	**MV7057099**	Price
22	1/2	Spark Plugs	**MV7057098**	Price
26	1/2 x 3-1/32	.0015 to .025	**MV7050314**	Price
31	1/2 x 3-1/32	.0015 to .035	**MV7057097**	Price

Style - Tapered				
No. of Leaves	Size of Leaves	Range	Order No.	Price
8	1/2-1/4 x 3-1/32	.002 to .015	**MV7050652**	Price
9	1/2-1/4 x 3-1/32	.0015 to .015	**MV7050650**	Price
9	12.7-7mm x 114mm	0.04 to 0.30mm	**MV7050656**	Price
13	12 - 7.7mm x 152mm	0.03 to 0.50mm	**MV7057088**	Price
26	1/2-1/4 x 3-1/32	.0015 to .025	**MV7050315**	Price

Fowler Thickness Gages



Type	No. of Leaves	Range	Length	Order No.	Price
Inch	10	.0015 to .025	4	**NA5552485005**	Price
Inch	26	.0015 to .025	3	**NA5552485006**	Price
Metric	13	0.05 to 1mm	100mm	**NA5552485008**	Price
Metric	20	0.05 to 1mm	100mm	**NA5552485010**	Price

LANG Feeler Gages

- Equipped with knurled lock-nut which released the blades instantly for rapid selction and when tightened locks the individual blade into working position
- Sizes are permanently etched on each blade



No. of Leaves	Range	Length (in.)	Order No.	Price
25	0.04mm to 1.00mm	3	**KL40FG30**	7.35
25	.0015 to .040	12	**KL4012025**	31.35

LANG Go-No-Go Step Ground Feeler Gauge

- Contains twenty-two 3" x 1/2" step ground blades with thicknesses: .004-.006, .005-.007, .006-.008, .007-.009, .008-.010, .009-.011, .010-.012, .011-.013, .012-.014, .013-.015, .014-.016, .015-.017, .016-.018, .017-.019, .018-.020,.019-.021, .020.-.022, .021-.023, .022-.024, .023.-.025, .024-.026, .025-.027
- Step ground blades are ground at the tip .002" less than the normal blade thickness to permit a quick check for proper setting or clearance
- Equipped with a knurled lock-nut for instant blade release and when tightened locks the individual blade into working position
- Both decimal and metric sizes are permanently etched on each blade

Order No.	Price
KL403013A	13.50

BAKER Double End Plug Thread Gages With Handle



Available in Unified Inch Coarse, Unified Inch Fine and ISO Metric Threads

Class of Fit:
Fractional & machine sizes 2B
- Metric sizes 6H



Thread Type - UNC		
Size	Order No.	Price
4-40	**NB7304402B**	Price
6-32	**NB7306322B**	Price
8-32	**NB7308322B**	Price
10-24	**NB7310242B**	Price
1/4-20	**NB7316202B**	Price
5/16-18	**NB7320182B**	Price
3/8-16	**NB7324162B**	Price
7/16-14	**NB7328142B**	Price
1/2-13	**NB7332132B**	Price

Thread Type - UNF		
Size	Order No.	Price
4-48	**NB7304482B**	Price
6-40	**NB7306402B**	Price
8-36	**NB7308362B**	Price
10-32	**NB7310322B**	Price
1/4-28	**NB7316282B**	Price
5/16-24	**NB7320242B**	Price
3/8-24	**NB7324242B**	Price
7/16-20	**NB7328202B**	Price
1/2-20	**NB7332202B**	Price

Thread Type - Metric		
Size	Order No.	Price
M2 x .4	**NB73020406H**	Price
M2.5 x .45	**NB73025456H**	Price
M3 x .5	**NB73030506H**	Price
M4 x .7	**NB73040706H**	Price
M5 x .8	**NB73050806H**	Price

Thread Type - Metric		
Size	Order No.	Price
M6 x 1	**NB73060106H**	Price
M8 x 1.25	**NB73081256H**	Price
M10 x 1.5	**NB73101506H**	Price
M12 x 1.75	**NB73121756H**	Price

Flynn English or Metric Thread Measuring Sets



- Consists of 16 sets of (3) stainless steel wires, 3 inches long
- Accurate to tolerance of plus or minus .001"
- Supplied in handy leatherette case with chart showing dimensions for measuring threads 40 to 3 TPI

Type	Order No.	Price
60 Degrees-English	**GE5011**	100.00
60 Degrees-Metric	**GE5011M**	120.00

Thread Measuring Wire Sets



- 48 wires — 16 different sizes
- Measures all threads from 3 - 48 threads per inch
- Measures all metric threads from 0.5 mm to 6 mm
- Laminated chart included
- Furnished in fitted vinyl case

Item	Order No.	Price
Fowler	**NA5552485048**	Price
PROCHECK	**NB5316**	Price
Pee Dee	**NG4916**	Price

P.D. Check Set & Thread Measuring Wire Set

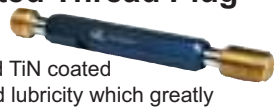
Value Package



- Set consists of (1) GG4516707 & (1) NB5316

Order No.	Price
NB6516707W	Price

Van Keuren Double End TiN Coated Thread Plug Gage With Handle



- Manufactured from High Speed Steel and TiN coated
- TiN coating provides added hardness and lubricity which greatly increases gage life and provides greater surface hardness as well as corrosion and abrasion resistance
- Ideal for severe gaging applications

Thread Type - UNC				
	2B		3B	
Size	Order No.	Price	Order No.	Price
1/2-13	**VK10500132BSTIN**	Price	**VK10500133BSTIN**	Price
1/4-20	**VK10250202BSTIN**	Price	**VK10250203BSTIN**	Price
10-24	**VK10190242BSTIN**	Price	**VK10190243BSTIN**	Price
12-24	**VK10216242BSTIN**	Price	**VK10216243BSTIN**	Price
2-56	**VK10086562BSTIN**	Price	**VK10086563BSTIN**	Price
3/4-10	**VK10750102BSTIN**	Price	**VK10750103BSTIN**	Price
3/8-16	**VK10375162BSTIN**	Price	**VK10375163BSTIN**	Price
3-48	**VK10099482BSTIN**	Price	**VK10099483BSTIN**	Price
4-40	**VK10112402BSTIN**	Price	**VK10112403BSTIN**	Price
5/16-18	**VK10312182BSTIN**	Price	**VK10312183BSTIN**	Price
5/8-11	**VK10625112BSTIN**	Price	**VK10625113BSTIN**	Price
5-40	**VK10125402BSTIN**	Price	**VK10125403BSTIN**	Price
6-32	**VK10138322BSTIN**	Price	**VK10138323BSTIN**	Price
7/16-14	**VK10437142BSTIN**	Price	**VK10437143BSTIN**	Price
8-32	**VK10164322BSTIN**	Price	**VK10164323BSTIN**	Price
9/16-12	**VK10562122BSTIN**	Price	**VK10562123BSTIN**	Price

Thread Type - UNF				
	2B		3B	
Size	Order No.	Price	Order No.	Price
1/2-20	**VK10500202BSTIN**	Price	**VK10500203BSTIN**	Price
1/4-28	**VK10250282BSTIN**	Price	**VK10250283BSTIN**	Price
10-32	**VK10190322BSTIN**	Price	**VK10190323BSTIN**	Price
12-28	**VK10216282BSTIN**	Price	**VK10216283BSTIN**	Price
2-64	**VK10086642BSTIN**	Price	**VK10086643BSTIN**	Price
3/4-16	**VK10750162BSTIN**	Price	**VK10750163BSTIN**	Price
3/8-24	**VK10375242BSTIN**	Price	**VK10375243BSTIN**	Price
3-56	**VK10099562BSTIN**	Price	**VK10099563BSTIN**	Price
4-48	**VK10112482BSTIN**	Price	**VK10112483BSTIN**	Price
5/16-24	**VK10312242BSTIN**	Price	**VK10312243BSTIN**	Price
5/8-18	**VK10625182BSTIN**	Price	**VK10625183BSTIN**	Price
5-44	**VK10125442BSTIN**	Price	**VK10125443BSTIN**	Price
6-40	**VK10138402BSTIN**	Price	**VK10138403BSTIN**	Price
7/16-20	**VK10437202BSTIN**	Price	**VK10437203BSTIN**	Price
8-36	**VK10164362BSTIN**	Price	**VK10164363BSTIN**	Price
9/16-18	**VK10562182BSTIN**	Price	**VK10562183BSTIN**	Price

P.D. Check™ Thread Wire Attachment System

Patented
Makes thread triangles, thread MIC's and all other current methods obsolete
- Fits all micrometers with .245 to .312 anvils
- No more lost thread wire in the chip pans
- Each part fits 2 sizes of wires



Set of 5 Color-Coded Holders includes:
.018" - .022" (Purple)
.024" - .032" (Blue)
.040" - .045" (Yellow)
.055" - .063" (Green)
.072" - .081" (Red)
Fast, Accurate Measurement
Micrometer not included

Order No.	Price
GG4516707	Price

Double End Thread Plug Gages With Handle & Short Form Certification

Gage Class: 2B

- Other sizes, pitches and classes available. Call for price and delivery
- Finest wear resistant steel — lapped finish
- Short form certification included with each gage at no additional charge
- Add $20.00 per member for long form



	NC			NF		
Size	Pitch	Order No.	Price	Pitch	Order No.	Price
#0	-	-	-	80	EY52000802B	Price
#1	64	EY52001642B	Price	72	EY52001722B	Price
#2	56	EY52002562B	Price	64	EY52002642B	Price
#3	48	EY52003482B	Price	56	EY52003562B	Price
#4	40	EY52004402B	Price	48	EY52004482B	Price
#5	40	EY52005402B	Price	44	EY52005442B	Price
#6	32	EY52006322B	Price	40	EY52006402B	Price
#8	32	EY52008322B	Price	36	EY52008362B	Price
#10	24	EY52010242B	Price	32	EY52010322B	Price
#12	24	EY52012242B	Price	28	EY52012282B	Price
1/4	20	EY52040202B	Price	28	EY52040282B	Price
5/16	18	EY52050182B	Price	24	EY52050242B	Price
3/8	16	EY52060162B	Price	24	EY52060242B	Price
7/16	14	EY52070142B	Price	20	EY52070202B	Price
1/2	13	EY52080132B	Price	20	EY52080202B	Price
9/16	12	EY52090122B	Price	18	EY52090182B	Price
5/8	11	EY52100112B	Price	18	EY52100182B	Price
3/4	10	EY52120102B	Price	16	EY52120162B	Price
7/8	9	EY52140092B	Price	14	EY52140142B	Price
1	8	EY52160082B	Price	12	EY52160122B	Price
1-1/8	7	EY52180072B	Price	12	EY52180122B	Price
1-1/4	7	EY52200072B	Price	12	EY52200122B	Price
1-3/8	6	EY52220062B	Price	12	EY52220122B	Price
1-1/2	6	EY52240062B	Price	12	EY52240122B	Price

Go/No-Go Ring Gage With Short Form Certification (Without Holder)

Gage Class: 2A

- Made by the finest gage manufacturers
- Finest wear-resistant steel — lapped finish
- Treated & processed for long life & stability



	NC			NF		
Size	Pitch	Order No.	Price	Pitch	Order No.	Price
#0	-	-	-	80	EY55000802A	Price
#1	64	EY55001642A	Price	-	-	-
#2	56	EY55002562A	Price	64	EY55002642A	Price
#3	48	EY55003482A	Price	56	EY55003562A	Price
#4	40	EY55004402A	Price	48	EY55004482A	Price
#5	40	EY55005402A	Price	44	EY55005442A	Price
#6	32	EY55006322A	Price	40	EY55006402A	Price
#8	32	EY55008322A	Price	36	EY55008362A	Price
#10	24	EY55010242A	Price	32	EY55010322A	Price
#12	24	EY55012242A	Price	28	EY55012282A	Price
1/4	20	EY55040202A	Price	28	EY55040282A	Price
5/16	18	EY55050182A	Price	24	EY55050242A	Price
3/8	16	EY55060162A	Price	24	EY55060242A	Price
7/16	14	EY55070142A	Price	20	EY55070202A	Price
1/2	13	EY55080132A	Price	20	EY55080202A	Price
9/16	12	EY55090122A	Price	18	EY55090182A	Price
5/8	11	EY55100112A	Price	18	EY55100182A	Price
3/4	10	EY55120102A	Price	16	EY55120162A	Price
7/8	9	EY55140092A	Price	14	EY55140142A	Price
1	8	EY55160082A	Price	12	EY55160122A	Price
1-1/8	7	EY55180072A	Price	12	EY55180122A	Price
1-1/4	7	EY55200072A	Price	12	EY55200122A	Price
1-3/8	6	EY55220062A	Price	12	EY55220122A	Price
1-1/2	6	EY55240062A	Price	12	EY55240122A	Price

Double End Thread Plug Gages With handle & Short Form Certification - Metric

Gage Class: 6H



Size	Pitch	Order No.	Price
M1.6	.35	EY52163506H	Price
M2	.4	EY52204006H	Price
M2.5	.45	EY52254506H	Price
M3	.5	EY52305006H	Price
M3.5	.6	EY52356006H	Price
M4	.7	EY52407006H	Price
M4.5	.75	EY52457006H	Price
M5	.8	EY52508006H	Price
M6	1	EY52601006H	Price
M7	1	EY52701006H	Price
M8	1	EY52801006H	Price
M8	1.25	EY52801256H	Price
M10	1.25	EY52101256H	Price
M10	1.5	EY52101506H	Price
M12	1.25	EY52121256H	Price
M12	1.75	EY52121756H	Price
M14	1.5	EY52141506H	Price
M14	2	EY52142006H	Price
M16	1.5	EY52161506H	Price
M16	2	EY52162006H	Price
M18	1.5	EY52181506H	Price
M18	2.5	EY52182506H	Price
M20	1.5	EY52201506H	Price
M20	2.5	EY52202506H	Price

Go/No-Go Ring Gage With Short Form Certification Metric (Without Holder)

Gage Class: 6G



Size	Pitch	Order No.	Price
M1.6	.35	EY55163506G	Price
M2	.4	EY55204006G	Price
M2.5	.45	EY55254506G	Price
M3	.5	EY55305006G	Price
M3.5	.6	EY55356006G	Price
M4	.7	EY55407006G	Price
M4.5	.7	EY55457006G	Price
M5	.8	EY55508006G	Price
M6	1	EY55601006G	Price
M7	1	EY55701006G	Price
M8	1	EY55801006G	Price
M8	1.25	EY55801256G	Price
M10	1.25	EY55101256G	Price
M10	1.5	EY55101506G	Price
M12	1.25	EY55121256G	Price
M12	1.75	EY55121756G	Price
M14	1.5	EY55141506G	Price
M14	2	EY55142006G	Price
M16	1.5	EY55161506G	Price
M16	2	EY55162006G	Price
M18	1.5	EY55181506G	Price
M18	2.5	EY55182506G	Price
M20	1.5	EY55201506G	Price
M20	2.5	EY55202506G	Price

Go Thread Plug Gages with Short Form Certification (without Handle)

MADE IN THE USA

Gage Class: 2B



- Other sizes, pitches and classes available. Call for price and delivery.
- Finest wear resistant steel lapped finish.
- Short Form Certification included with each Gage At No Additional Charge Add $20.00 per Member for Long Form

	NC			NF		
Size	Pitch	Order No.	Price	Pitch	Order No.	Price
#0	-	-	-	80	EY50000802B	Price
#1	64	EY50001642B	Price	72	EY50001722B	Price
#2	56	EY50002562B	Price	64	EY50002642B	Price
#3	48	EY50003482B	Price	56	EY50003562B	Price
#4	40	EY50004402B	Price	48	EY50004482B	Price
#5	40	EY50005402B	Price	44	EY50005442B	Price
#6	32	EY50006322B	Price	40	EY50006402B	Price
#8	32	EY50008322B	Price	36	EY50008362B	Price
#10	24	EY50010242B	Price	32	EY50010322B	Price
#12	24	EY50012242B	Price	28	EY50012282B	Price
1/4	20	EY50040202B	Price	28	EY50040282B	Price
5/16	18	EY50050182B	Price	24	EY50050242B	Price
3/8	16	EY50060162B	Price	24	EY50060242B	Price
7/16	14	EY50070142B	Price	20	EY50070202B	Price
1/2	13	EY50080132B	Price	20	EY50080202B	Price
9/16	12	EY50090122B	Price	18	EY50090182B	Price
5/8	11	EY50100112B	Price	18	EY50100182B	Price
3/4	10	EY50120102B	Price	16	EY50120162B	Price
7/8	9	EY50140092B	Price	14	EY50140142B	Price
1	8	EY50160082B	Price	12	EY50160122B	Price
1-1/8	7	EY50180072B	Price	12	EY50180122B	Price
1-1/4	7	EY50200072B	Price	12	EY50200122B	Price
1-3/8	6	EY50220062B	Price	12	EY50220122B	Price
1-1/2	6	EY50240062B	Price	12	EY50240122B	Price

Go Thread Plug Gages with Short Form Certification Metric (without Handle)

Gage Class: 6H

MADE IN THE USA



Size	Pitch	Order No.	Price
M1.6	.35	EY50163506H	Price
M2	.4	EY50204006H	Price
M2.5	.45	EY50254506H	Price
M3	.5	EY50305006H	Price
M3.5	.6	EY50356006H	Price
M4	.7	EY50407006H	Price
M4.5	.7	EY50457006H	Price
M5	.8	EY50508006H	Price
M6	1	EY50601006H	Price
M7	1	EY50701006H	Price
M8	1	EY50801006H	Price
M8	1.25	EY50801256H	Price

Size	Pitch	Order No.	Price
M10	1.25	EY50101256H	Price
M10	1.5	EY50101506H	Price
M12	1.25	EY50121256H	Price
M12	1.75	EY50121756H	Price
M14	1.5	EY50141506H	Price
M14	2	EY50142006H	Price
M16	1.5	EY50161506H	Price
M16	2	EY50162006H	Price
M18	1.5	EY50181506H	Price
M18	2.5	EY50182506H	Price
M20	1.5	EY50201506H	Price
M20	2.5	EY50202506H	Price

Plug Gage Handles Only



Range	Order No.	Price
#0 to #3 - (1.6mm to 2.5mm)	EY56000P	Price
#4 to #6 - (3.0mm to 3.5mm)	EY5600P	Price
#8 to #12 - (4.0mm to 5.0mm)	EY560P	Price
1/4 to 5/16 - (6.0mm to 8.0mm), 1/16 NPT	EY561P	Price
3/8 to 1/2 - (10.0mm to 12.0mm), 1/8 NPT	EY562P	Price
9/16 to 13/16 - (14.0mm to 20.0mm), 1/4-3/8 NPT	EY563P	Price
7/8 to 1-1/8 - (22.0mm to 27.0mm), 1/2-3/4 NPT	EY564P	Price
1-3/16 to 1-1/2 (30.0mm to 36.0mm) and 1 to 2 NTP	EY565P	Price
2-1/2 to 3 NPT	EY566P	Price

No Go Thread Plug Gages with Short Form Certification (without Handle)

MADE IN THE USA



Gage Class: 2B

	NC			NF		
Size	Pitch	Order No.	Price	Pitch	Order No.	Price
#0	-	-	-	80	EY51000802B	Price
#1	64	EY51001642B	Price	72	EY51001722B	Price
#2	56	EY51002562B	Price	64	EY51002642B	Price
#3	48	EY51003482B	Price	56	EY51003562B	Price
#4	40	EY51004402B	Price	48	EY51004482B	Price
#5	40	EY51005402B	Price	44	EY51005442B	Price
#6	32	EY51006322B	Price	40	EY51006402B	Price
#8	32	EY51008322B	Price	36	EY51008362B	Price
#10	24	EY51010242B	Price	32	EY51010322B	Price
#12	24	EY51012242B	Price	28	EY51012282B	Price
1/4	20	EY51040202B	Price	28	EY51040282B	Price
5/16	18	EY51050182B	Price	24	EY51050242B	Price
3/8	16	EY51060162B	Price	24	EY51060242B	Price
7/16	14	EY51070142B	Price	20	EY51070202B	Price
1/2	13	EY51080132B	Price	20	EY51080202B	Price
9/16	12	EY51090122B	Price	18	EY51090182B	Price
5/8	11	EY51100112B	Price	18	EY51100182B	Price
3/4	10	EY51120102B	Price	16	EY51120162B	Price
7/8	9	EY51140092B	Price	14	EY51140142B	Price
1	8	EY51160082B	Price	12	EY51160122B	Price
1-1/8	7	EY51180072B	Price	12	EY51180122B	Price
1-1/4	7	EY51200072B	Price	12	EY51200122B	Price
1-3/8	6	EY51220062B	Price	12	EY51220122B	Price
1-1/2	6	EY51240062B	Price	12	EY51240122B	Price

No Go Thread Plug Gages with Short Form Certification Metric (without Handle)

MADE IN THE USA



Gage Class: 6H

Size	Pitch	Order No.	Price
M1.6	.35	EY51163506H	Price
M2	.4	EY51204006H	Price
M2.5	.45	EY51254506H	Price
M3	.5	EY51305006H	Price
M3.5	.6	EY51356006H	Price
M4	.7	EY51407006H	Price
M4.5	.7	EY51457006H	Price
M5	.8	EY51508006H	Price
M6	1	EY51601006H	Price
M7	1	EY51701006H	Price
M8	1	EY51801006H	Price
M8	1.25	EY51801256H	Price

Size	Pitch	Order No.	Price
M10	1.25	EY51101256H	Price
M10	1.5	EY51101506H	Price
M12	1.25	EY51121256H	Price
M12	1.75	EY51121756H	Price
M14	1.5	EY51141506H	Price
M14	2	EY51142006H	Price
M16	1.5	EY51161506H	Price
M16	2	EY51162006H	Price
M18	1.5	EY51181506H	Price
M18	2.5	EY51182506H	Price
M20	1.5	EY51201506H	Price
M20	2.5	EY51202506H	Price

American National Taper Pipe Thread Plug Gages

MADE IN THE USA

Gage Class: L1



- Handle sold separately
- ANPT and six-step available - call for price and delivery
- Short form certification included with each gage at no additional charge - add $30.00 per member for long form

Size	Pitch	NPT		NPTF	
		Order No.	Price	Order No.	Price
1/16	27	EY60001NPTL1	Price	EY60001NPTFL1	Price
1/8	27	EY60002NPTL1	Price	EY60002NPTFL1	Price
1/4	18	EY60004NPTL1	Price	EY60004NPTFL1	Price
3/8	18	EY60006NPTL1	Price	EY60006NPTFL1	Price
1/2	14	EY60008NPTL1	Price	EY60008NPTFL1	Price
3/4	14	EY60012NPTL1	Price	EY60012NPTFL1	Price
1	11-1/2	EY60016NPTL1	Price	EY60016NPTFL1	Price
1-1/4	11-1/2	EY60020NPTL1	Price	EY60020NPTFL1	Price
1-1/2	11-1/2	EY60024NPTL1	Price	EY60024NPTFL1	Price
2	11-1/2	EY60032NPTL1	Price	EY60032NPTFL1	Price
2-1/2	8	EY60040NPTL1	Price	EY60040NPTFL1	Price
3	8	EY60048NPTL1	Price	EY60048NPTFL1	Price

Go Thread Ring Gages With Short Form Certification



Gage Class: 2A

- Made by the finest gage manufacturers
- Finest wear-resistant steel - lapped finish
- Treated & processed for long life & stability
- Other sizes, pitches and classes available - call for price and delivery
- Short form certification included with each gage at no additional charge, add $20.00 per member for long form

	NC			NF		
Size	Pitch	Order No.	Price	Pitch	Order No.	Price
#0	-	-	-	80	EY53000802A	Price
#1	64	EY53001642A	Price	72	EY53001722A	Price
#2	56	EY53002562A	Price	64	EY53002642A	Price
#3	48	EY53003482A	Price	56	EY53003562A	Price
#4	40	EY53004402A	Price	48	EY53004482A	Price
#5	40	EY53005402A	Price	44	EY53005442A	Price
#6	32	EY53006322A	Price	40	EY53006402A	Price
#8	32	EY53008322A	Price	36	EY53008362A	Price
#10	24	EY53010242A	Price	32	EY53010322A	Price
#12	24	EY53012242A	Price	28	EY53012282A	Price
1/4	20	EY53040202A	Price	28	EY53040282A	Price
5/16	18	EY53050182A	Price	24	EY53050242A	Price
3/8	16	EY53060162A	Price	24	EY53060242A	Price
7/16	14	EY53070142A	Price	20	EY53070202A	Price
1/2	13	EY53080132A	Price	20	EY53080202A	Price
9/16	12	EY53090122A	Price	18	EY53090182A	Price
5/8	11	EY53100112A	Price	18	EY53100182A	Price
3/4	10	EY53120102A	Price	16	EY53120162A	Price
7/8	9	EY53140092A	Price	14	EY53140142A	Price
1	8	EY53160082A	Price	12	EY53160122A	Price
1-1/8	7	EY53180072A	Price	12	EY53180122A	Price
1-1/4	7	EY53200072A	Price	12	EY53200122A	Price
1-3/8	6	EY53220062A	Price	12	EY53220122A	Price
1-1/2	6	EY53240062A	Price	12	EY53240122A	Price

No-Go Thread Ring Gage With Short Form Certification



Gage Class: 2A

	NC			NF		
Size	Pitch	Order No.	Price	Pitch	Order No.	Price
#0	-	-	-	80	EY54000802A	Price
#1	64	EY54001642A	Price	72	EY54001722A	Price
#2	56	EY54002562A	Price	64	EY54002642A	Price
#3	48	EY54003482A	Price	56	EY54003562A	Price
#4	40	EY54004402A	Price	48	EY54004482A	Price
#5	40	EY54005402A	Price	44	EY54005442A	Price
#6	32	EY54006322A	Price	40	EY54006402A	Price
#8	32	EY54008322A	Price	36	EY54008362A	Price
#10	24	EY54010242A	Price	32	EY54010322A	Price
#12	24	EY54012242A	Price	28	EY54012282A	Price
1/4	20	EY54040202A	Price	28	EY54040282A	Price
5/16	18	EY54050182A	Price	24	EY54050242A	Price
3/8	16	EY54060162A	Price	24	EY54060242A	Price
7/16	14	EY54070142A	Price	20	EY54070202A	Price
1/2	13	EY54080132A	Price	20	EY54080202A	Price
9/16	12	EY54090122A	Price	18	EY54090182A	Price
5/8	11	EY54100112A	Price	18	EY54100182A	Price
3/4	10	EY54120102A	Price	16	EY54120162A	Price
7/8	9	EY54140092A	Price	14	EY54140142A	Price
1	8	EY54160082A	Price	12	EY54160122A	Price
1-1/8	7	EY54180072A	Price	12	EY54180122A	Price
1-1/4	7	EY54200072A	Price	12	EY54200122A	Price
1-3/8	6	EY54220062A	Price	12	EY54220122A	Price
1-1/2	6	EY54240062A	Price	12	EY54240122A	Price

Go Thread Ring Gages With Short Form Certification Metric



Gage Class: 6G

Size	Pitch	Order No.	Price
M1.6	.35	EY53163506G	Price
M2	.4	EY53204006G	Price
M2.5	.45	EY53254506G	Price
M3	.5	EY53305006G	Price
M3.5	.6	EY53356006G	Price
M4	.7	EY53407006G	Price
M4.5	.75	EY53457006G	Price
M5	.8	EY53508006G	Price
M6	1	EY53601006G	Price
M7	1	EY53701006G	Price
M8	1	EY53801006G	Price
M8	1.25	EY53801256G	Price

Size	Pitch	Order No.	Price
M10	1.25	EY53101256G	Price
M10	1.5	EY53101506G	Price
M12	1.25	EY53121256G	Price
M12	1.75	EY53121756G	Price
M14	1.5	EY53141506G	Price
M14	2	EY53142006G	Price
M16	1.5	EY53161506G	Price
M16	2	EY53162006G	Price
M18	1.5	EY53181506G	Price
M18	2.5	EY53182506G	Price
M20	1.5	EY53201506G	Price
M20	2.5	EY53202506G	Price

No-Go Thread Ring Gage With Short Form Certification Metric



Gage Class: 6G

Size	Pitch	Order No.	Price
M1.6	.35	EY54163506G	Price
M2	.4	EY54204006G	Price
M2.5	.45	EY54254506G	Price
M3	.5	EY54305006G	Price
M3.5	.6	EY54356006G	Price
M4	.7	EY54407006G	Price
M4.5	.75	EY54457006G	Price
M5	.8	EY54508006G	Price
M6	1	EY54601006G	Price
M7	1	EY54701006G	Price
M8	1	EY54801006G	Price
M8	1.25	EY54801256G	Price

Size	Pitch	Order No.	Price
M10	1.25	EY54101256G	Price
M10	1.5	EY54101506G	Price
M12	1.25	EY54121256G	Price
M12	1.75	EY54121756G	Price
M14	1.5	EY54141506G	Price
M14	2	EY54142006G	Price
M16	1.5	EY54161506G	Price
M16	2	EY54162006G	Price
M18	1.5	EY54181506G	Price
M18	2.5	EY54182506G	Price
M20	1.5	EY54201506G	Price
M20	2.5	EY54202506G	Price

American National Taper Pipe Thread Ring Gages



- **Gage Class: L1**
- Short form certification included with rach gage at no additional charge
- Add $35.00 per member for long form
- ANPT and Six-Step available. Call for price and delivery

		NPT		NPTF	
Size	Pitch	Order No.	Price	Order No.	Price
1/16	27	EY61001NPTL1	Price	EY61001NPTFL1	Price
1/8	27	EY61002NPTL1	Price	EY61002NPTFL1	Price
1/4	18	EY61004NPTL1	Price	EY61004NPTFL1	Price
3/8	18	EY61006NPTL1	Price	EY61006NPTFL1	Price
1/2	14	EY61008NPTL1	Price	EY61008NPTFL1	Price
3/4	14	EY61012NPTL1	Price	EY61012NPTFL1	Price
1	11-1/2	EY61016NPTL1	Price	EY61016NPTFL1	Price
2	11-1/2	EY61032NPTL1	Price	EY61032NPTFL1	Price
3	8	EY61048NPTL1	Price	EY61048NPTFL1	Price
1-1/2	11-1/2	EY61024NPTL1	Price	EY61024NPTFL1	Price
1-1/4	11-1/2	EY61020NPTL1	Price	EY61020NPTFL1	Price
2-1/2	8	EY61040NPTL1	Price	EY61040NPTFL1	Price

Ring Gage Holder



Range	Order No.	Price
#0 to #12 - (1.6mm to 6.0mm)	EY561R	Price
1-3/16 to 1-1/2 - (30.0mm to 39.0mm)	EY566R	Price
1/4 to 5/16 - (7.0mm to 8.0mm)	EY562R	Price
3/8 to 1/2 - (9.0mm to 12.0mm)	EY563R	Price
7/8 to 1-1/8 - (20.0mm to 28.0mm)	EY565R	Price
9/16 to 13/16 - (14.0mm to 18.0mm)	EY564R	Price

PROCHECK 4 Pc. Screw Pitch and Radius Gage Set

Consists of 1 each:
- Screw pitch & center gage
- 1/32″ to 1/4″ Radius gage set
- 17/32″ to 1/2″ Radius gage set
- 51 Leaf screw pitch gage – 4 to 84 pitch



Order No.	Price
NB654PCRS	Price

PROCHECK 2" Screw Cutting Gage

- Made from ground stainless steel
- Clearly etched graduation
- Used for gaging thread profiles 47-1/2° British Association, 14-1/2° Acme, 60° American and metric, 55° Whitworth and BSF



Order No.	Price
NE60MGC2254	Price

PROCHECK Twist Drill Grinding Gage

- For twist drills with acute angle of 118° up to 2″ (50mm) diameter
- Made from stainless steel



Order No.	Price
NE60MGG2376	Price

PROCHECK Universal Grinding Gage

- Made of polished stainless steel
- Clearly etched graduations
- Combines twist drill grinding gages, thread gage
- Measures square and hexagonal angles of 120°, 118°, 90°, 60°, 55°



Order No.	Price
NE60MGG2377	Price

Tapered Bore Gage With Rule

- Stainless steel
- Fully heat treated with photographically etched graduations
- 1-15mm Tapered gage with 130mm rule



Order No.	Price
MZ75700S	Price

Starrett Taper Gages

MADE IN THE USA

- For determining hole size in dies and all kinds of other work
- Reads in thousandths of an inch
- All sizes are made from spring tempered steel approximately .012″ thick and have a locking device which makes it possible to lock any leaf in position for use



No. of Leaves	Range	Length	Order No.	Price
8	1/10 to 1/2 x .001	2-1/2	**MV7051290**	Price
10	1/2 to 1 x .001	2-3/4	**MV7051291**	Price
10	2 to 12mm	64mm	**MV7056031**	Price
13	12 to 25mm	70mm	**MV7056032**	Price

Starrett Taper Gage

MADE IN THE USA

- A highly useful tool especially valuable on bearing work and for gaging slots
- Made of quality tool steel 7/16″ wide by 6-1/4″ long
- Accurately tapered throughout its entire length for quick, convenient measuring of slot widths, etc
- One side is graduated from .010″ to .150″ in thousandths and the reverse side from 0.3mm to 4mm in one-twentieth of a mm (.05mm)



Range	Order No.	Price
.010 to .150 (0.3 to 4mm)	**MV7051292**	Price

Tapered Bore Gages

WORLD CLASS QUALITY

- 1 to 15mm Range
- Handy gage for measuring cylindrical bores, bearing work and for gaging slots
- Made from matte finished stainless steel
- Clearly etched graduations for precise measurement



Item	Brand Name	Order No.	Price
PROCHECK	Procheck	**NE60MGB0359**	Price
	Shinwa	**MZ75700A**	Price

PROCHECK Center Squares

- 1 to 15mm Range
- Handy gage for measuring cylindrical bores, bearing work and for gaging slots
- Made from matte finished stainless steel
- Clearly etched graduations for precise measurement



Size (in.)	Order No.	Price
3	**NE60MCS2257**	Price
1-1/2	**NE60MCS2256**	Price

PROCHECK Bench Block

- 3″ Diameter, 1-1/2″ height
- 7 Hole, 1/8″ to 5/8″ diameter
- Very handy for holding work when driving pins, drilling, etc
- V-groove across the face accommodates round and odd shaped stock
- Smooth finish on the face preserves the work being held
- Hardened and ground knurled body for a firm grip



Order No.	Price
NE60MBB0370	Price

Mitutoyo Pitch Gages

- Pitch size stamped on each gage
- Whitworth, Unified and Metric Pitch Gages available



MADE IN THE USA

MT80188-151

Class - Metric				
Inches Range	No. of Leaves	Description	Order No.	Price
4-42 / .4 to 7mm	51	Unified 60°	**MT80188-151**	Price
.4 to 7mm	18	.4, .5, .75, 1, 1.25, 1.5, 1.75, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7mm	**MT80188-121**	Price
.4 to 7mm	21	.4, .5, .7, .75, .8, .9, 1, 1.25, 1.5, 1.75, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7mm	**MT80188-122**	Price



MT80950-253

Class - Thread Gaging				
Inches Range	No. of Leaves	Description	Order No.	Price
4 to 42 TPI	30	Unified 60°	**MT80188-111**	Price
4-42TPI	30	Whitworth 55°	**MT80188-101**	Price
4-60TPI	28	Whitworth 55°	**MT80188-102**	Price
4 to 84 TPI	51	Unified 60°	**MT80950-253**	Price

Screw Pitch Gages

MADE IN THE USA

- Narrow designed blades permit use for internal and external screw threads
- Correct pitch is determined by matching blade teeth with threads
- Each blade made from finest quality steel available
- Each blade clearly marked with proper thread size
- Blades protected in sturdy steel case
- Locking device at each end to secure all blades for storage, or position an individual blade for use



NB405651



NB405642

Type of Blades	No. of Blades	No. of Groups	Blades Included	Order No.	Price
English Gage	22	2	9-40"	**NB405622**	Price
English Gage	28	2	2-1/4-28"	**NB405626†**	Price
English Gage	28	2	4-80"	**NB405628**	Price
English Gage	30	2	4-42"	**NB405642**	Price
English Gage	51	3	4-84"	**NB405651**	Price
English/Metric	28	2	4-56" & .50-6.00mm	**NB405629**	Price
English Gage	30	2	6-60"	**NB405660**	Price
Metric Gage	18	2	.5 to 7mm	**NB405617†**	Price
Metric Gage	28	2	.25 to 2.50mm	**NB405625**	Price

† Center Gage with coarse and fine notch included

PROCHECK Screw Pitch Gages

No. of Leaves	No. of Pitch	Order No.	Price
30	4 to 42	**NE60SP30**	Price
51	4 to 84	**NE60SP51**	Price



PROCHECK Acme Screw Pitch Gages

No. of Leaves	Type	Order No.	Price
12	Metric	**NB4530720**	Price
16	Inch	**NB4529730**	Price



Fowler Screw Pitch Gages

Features #52-470 Series

- Pressure angle 14.5°
- Involute Gear Tooth Gages easily determine pitch diameter of involute gears from 6-80 and 2-5 in inch and .5-5 and 6-12 in metric

Features #52-485-015, 020, & 051

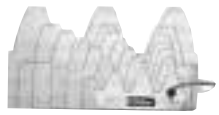
- Narrow designed blades permit use for internal and external screw threads
- Locking device at each end to secure all blades for storage or position
- Correct pitch is determined by matching blade teeth with threads
- Precisely ground and finished
- Blades marked with thread size

Features #52-485-030

- Acme Screw Pitch Gages (29° angle) made of fine stainless steel. Each blade is 3″/90mm long and .03″/.8mm thick.



NA5552485051



NA5552470141



NA5552485015



NA5552470151



NA5552485030

Description	Order No.	Price
Acme Screw Pitch Gage with 16 blades (1,1-1/3,1-1/2,1-3/4,2,2-1/2,3,3-1/2,4,5,6,7,8,9,10 & 12 pitch); 29° angle	**NA5552485030**	Price
Involute Gear Tooth Gages-Inch Series; 14 leaves w/ ring holder. Pitch range: 6, 7, 8, 9, 10, 11, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 36, 40, 48, 64, 80	**NA5552470140**	Price
Involute Gear Tooth Gages-Inch Series; 7 leaves w/ ring holder. Pitch range: 2,2-1/2,3,3-1/2,4,4-1/2,5	**NA5552470141**	Price
Involute Gear Tooth Gages-Metric Series; 13 leaves w/ring holder. Pitch range: 0.5,0.75,1.0,1.25,1.5,1.75, 2,2.5,2.75,3,3.25,3.5,3.75,4.0,4.5,5	**NA5552470150**	Price
Involute Gear Tooth Gages-Metric Series; 7 leaves w/ ring holder. Pitch range: 6,7,8,9,10,11,12	**NA5552470151**	Price
Screw Pitch Gage with 24 blades, Metric Series;0.25mm-6.0mm	**NA5552485020**	Price
Screw Pitch Gage with 30 blades, Inch Series; 4-42 pitch standard V thread	**NA5552485015**	Price
Screw Pitch Gage with 51 blades, Inch Series; 4-84 pitch standard V thread	**NA5552485051**	Price

Starrett® Screw Pitch Gages

MADE IN THE USA

- For gaging V, Unified, American National and U.S. Standard 60°, and Whitworth Standard 55° threads
- All have a locking device at both ends of case for locking any leaf of leaves in desired position
- Leaves on all gages have special narrow design for easy checking of internal threads in nuts, etc. and flatted teeth for checking both V and American National or U.S. Standard threads
- Each leaf stamped with number of threads per inch



No. of Leaves	Range of Threads	Order No.	Price
27	2-1/4 to 28 Threads per inch	**MV7050588**	Price
28	4 to 80 Threads per inch	**MV7052486**	Price
30	4 to 42 Threads per inch	**MV7050035**	Price
51	4 to 84 Threads per inch	**MV7052484**	Price

Starrett® No. 284 29° Acme Screw Thread Gage

- Standard for grinding and setting tools when cutting Acme threads
- Range from 1 to 10 threads per inch
- Angles and edges of gage are hardened, ground and carefully tested



Range Pitch	Order No.	Price
1 to 10	**MV7051319**	Price

Acme Screw Thread Gage

MADE IN THE USA

- Used for grinding and setting tools when cutting acme threads whose sides have an inclination of 14-1/2° (29° included angle)
- Angles and edges are precision ground
- Black-oxidized finish provides protection against corrosion



Order No.	Price
NB405640	Price

Mitutoyo Center Gage

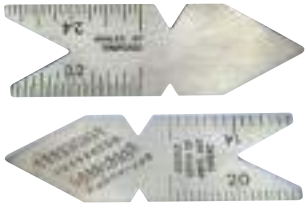
- Useful for finding the number of threads per inch
- Graduated in 14ths, 20ths, 24ths and 32nds



Order No.	Price
MT80950-201	Price

PROCHECK® Center Gage

- Useful for finding the number of threads per inch
- Graduated in 14ths, 20ths, 24ths and 32nds

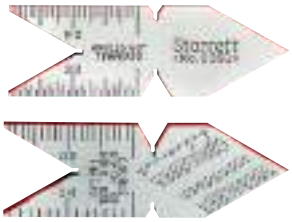


Order No.	Price
NE60CG60	Price

Starrett® Center Gages

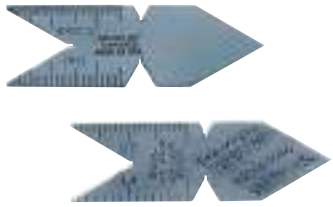
MADE IN THE USA

- Used for finding number of threads per inch
- No. C391 has table of double depths of threads for determining size of tap drills and has scale graduated in 14ths, 20ths, 24ths, and 32nds
- All gaging surfaces ground



Starrett No.	Description	Order No.	Price
C391	American Unified National Standard, 60°	**MV7051475**	Price
C396	Whitworth or English Standard, 55°	**MV7051477**	Price
C398M	Metric Standard, 60°	**MV7051478**	Price

Fowler Center Gages



Type	Graduation	Order No.	Price
Inch	14ths, 20ths, 24ths, 32nds	**NA5552505001**	Price
Metric	.5mm and 1mm	**NA5552505002**	Price

Center Gages



Type	Description	Order No.	Price
American National or U.S. Standard Center Gage	14th and 20ths graduations provided on one side, 24ths and 32nds on reverse side. Gage also features a table of double depths of threads for slecting size of tap drills.	**NB405031**	Price
Metric Center Gage	Graduated in mm and 0.5mm	**NB405032**	Price

PROCHECK® Thread Measuring Triangles

- Checks all standard 60° threads for class of thread fit
- To find out the class of thread fit, just attach the triangles to your micrometer with the rubber holders, insert into thread, and mike the distance over the thread (refer to our included chart to read the class of fit)
- Each set includes a pair of triangles, 2 rubber holders, and reference chart
- **Micrometer NOT included**



Order No.	Price
NB75Z9035	Price

Micrometer Thread Tip

Attachments for Micrometer w/.270" Diameter Anvil & Spindles

- Adapts a regular outside micrometer to measure threads
- Each tip is approximately .150" long: the set of two are approximately .300" (this dimension must be subtracted when reading is taken)
- Sold in pairs



For Threads	Order No.	Price
8 - 13 TPI	**MX5019T813**	Price

PROCHECK Z-Axis Setters



- Establish “0” reference point with built in indicator
- Positioning accuracy and repeatability .0004”/0.01mm
- 1.45”/37mm Square

Height (in.)	Style	Order No.	Price
2	-	**PC21ZAS2CNC**	Price
4	With Magnetic Base	**PC21ZAS4CNCM**	Price

PROCHECK Electronic Z Indicator



- Axial Preset Gage
- Red lamp with light up when touched
- Use vertical or horizontally
- 13.5mm Magnet Base diameter
- .56mm Probe Face diameter

Order No.	Price
PC20EZAP2M	Price

Fowler Mirage Tool Set

- Easy and affordable way to set Z depths quickly and accurately
- Slowly lower cutting tool toward Tool Set indicator will light upon contact
- Can be operated directly off table or from machine vise
- Aluminum contact face eliminates carbide chipping on cutting tools
- Repeatability: .0002”
- Block dimensions: 1” x 2” x 3”
- Batteries included



Order No.	Price
NA5554575750	Price

Fowler Electronic Edge Finders

MADE IN THE USA

- Six equally spaced light ports provide visibility at any angle
- Read off any electrically conductive metal
- Edge finder lights instantly when stylus touches work edge
- Repeatability: .0002”
- Furnished complete with LED, 12 volt battery and protective case
- **Along with light indication, model NA55-54575650 emits an audible “beep” at moment of contact.**



NA5554575600



NA5554575625



NA5554575650

Stylus	Shank	Audible	Order No.	Price
.200	1/2	No	**NA5554575600**	Price
.200 (Ball)	1/2	No	**NA5554575625**	Price
.400 (Ball)	3/4	Yes	**NA5554575650**	Price

Mitutoyo Zero-Setters



- Fast and sure establishment of “0” reference point with built-in indicator
- Spring loaded setting face to safe guard against damage from over run.
- Body diameter 1.44” (36.5mm)
- Wooden case included

Height	Graduation	Order No.	Price
1	.0005	**MT80950-111**	Price
25mm	.01mm	**MT80950-112**	Price

Electronic Edge Finder

MADE IN THE USA

1/2” Shank



- Quick, precise
- .200 x 5/8 stylus
- 4” long
- Lights instantly when touched to work surface
- Replacement bulb - Order No. GA52MM1Bulb
- Replacement battery - Order No. KA56L92BP2 (2Pack)

Order No.	Price
GA52MM1	Price

Electronic Edge Finder/Probes

- Extremely accurate, all precision ground
- Steel ball for easy coordinate calculating
- As probe, can be used to measure inside, outside, height and depth

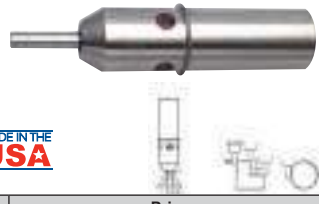


Brand Name - Quality Import			
Description	**Accuracy**	**Order No.**	**Price**
10mm Ball Diameter, 20mm Shank	.005mm TIR, 97mm OAL	**NA45EF1**	Price

Brand Name - USA			
Description	**Accuracy**	**Order No.**	**Price**
.400" Ball Diameter, 3/4 Shank	.00002 TIR, 3-7/8" OAL	**NB5150000**	Price

3-Dimensional Electronic Sensor (x,y,z)

Quick Detection of Position



- Operates in horizontal or vertical position
- Travel zone for all 3 axis .200
- Shank size .750
- Probe diameter .200
- Repeatability ±.0005

MADE IN THE USA

Order No.	Price
NB5150003	Price

Electronic Pre-Set Gage



- Designed of one-piece construction which gives strength and accuracy
- Made of high-quality tool steel hardened to 60 Rc
- Precision ground on all surfaces
- Four highly visible LED lights
- Easily replaced LED lamp and battery
- Repeatability T.I.R. within .0002” – 0.006mm

MADE IN THE USA

Order No.	Price
NB5150002	Price

Fisher Machine Edge Finders

- Gives the machine operator an audible clicking sound when the tip jumps
- Black tip on the audible edge finder is easy to see when it jumps


NG49AA


NG49AB


NG49ABB

Type - Audible Edge Finder		
Description	Order No.	Price
1/4" x .200	**NG49A250**	Price
3/8" x .200	**NG49AA**	Price
1/2" x .200	**NG49AB**	Price
1/2" x .500	**NG49ABB**	Price
3/4" x .750	**NG49A750**	Price

Type - Non-Audible Edge Finder		
Description	Order No.	Price
1/2" x .200 x Point Micro Center Finder	**NG49F**	Price
1/2" x Point Micro Center Finder	**NG49D**	Price
3/8" x .200 x Point Micro Center Finder	**NG49E**	Price
3/8" x Point Micro Center Finder	**NG49C**	Price

Fowler Edge Finder Sets

Conventional Only Contains:

- 3/8 x .200" Edge finder
- 1/2 x .200" Edge finder
- 1/4 x .200" Edge finder
- 3/4 x .750" Edge finder
- Complete in fitted case

Audible/Conventional Contains:

- 3/8" x .200" Combo edge & center finder
- 1/2 x .200" Combo edge & center finder
- 3/8 x .200" Audible edge finder
- 1/2 x .500" Audible edge finder
- Complete in fitted case



Type	Order No.	Price
Combo Audible/Conventional Edge & Center Finder Set	**NA5552575100**	Price
Conventional Edge Finder Set	**NA5552575125**	Price

TESA & Fisher Machine 4 Pc. Micro Edge Finder Sets

- Four of the most popular edge finders in one convenient set



	Brown & Sharpe		Fisher Machine	
Description	Order No.	Price	Order No.	Price
4 Pc. Audible Edge Finder Set	**MV4528448**	Price	**NG494AEF**	Price
4 Pc. Edge Finder Set	**MV4528447**	Price	**NG494EF**	Price

Fowler Edge & Center Finders

- Edge and center finders are hardened and ground all over
- Accurately locates the starting point for all types of machine work and jig boring
- Accuracy = .0002"
- Price includes fitted vinyl case


NA5552575010


NA5552575015


NA5552575020


NA5552575025


NA5552575030


NA5552575035

Description	Order No.	Price
Edge Finder 3/8" x .200"	**NA5552575010**	Price
Edge Finder 1/2" x .200"	**NA5552575015**	Price
Combo Edge & Center Finder 3/8" x .200"	**NA5552575020**	Price
Combo Edge & Center Finder 1/2" x .200"	**NA5552575025**	Price
Edge Finder 3/8" x 10mm	**NA5552575030**	Price
Edge Finder 10mm x 10mm	**NA5552575035**	Price

Individual Edge & Center Finders

- Edge finders accurately locate working edges, shoulders, grooves, center points and scribed lines
- Hardened and centerless ground to precision tolerances


Single End .500"


Double End .200" & .500"


Double End .200"/Point


Single End .200"

				Brown & Sharpe		PEC Tools		General		Procheck		Starrett	
Style	End	Shank (in.)	Tip Size (in./mm)	Order No.	Price	Order No.	Price	Order No.	Price	Order No.	Price	Order No.	Price
Center	Single End	3/8	Point	-	-	-	-	-	-	**NE60089**	Price	-	-
Center	Single End	1/2	Point	-	-	-	-	-	-	**NE60090**	Price	-	-
Center	Single End	1/2	.500	-	-	**NB40420041**	Price	-	-	-	-	-	-
Edge	Single End	1/2	.200	**MV4527031**	Price	**NB404200039**	Price	-	-	**NE60088**	Price	-	-
Edge	Single End	1/2	.500	**MV4544595**	Price	**NB404200077**	Price	**NE50260**	Price	**NE60083**	Price	-	-
Edge	Single End	3/8	.200	**MV4527030**	Price	**NB404200038**	Price	**NE50263**	Price	**NE60085**	Price	**MV7053062**	Price
Edge	Double End	1/2	.200 x .500	**MV4544596**	Price	**NB404200076**	Price	**NE50262**	Price	**NE60084**	Price	-	-
Edge/Center	Double End	3/8	.200 x Point	-	-	**NB404200073**	Price	-	-	**NE60087**	Price	-	-
Edge/Center	Double End	1/2	.200 x Point	-	-	**NB404200074**	Price	**NE50264**	Price	**NE60086**	Price	**MV7053063**	Price
Edge	Single End	10mm	6mm	-	-	-	-	-	-	-	-	**MV7056041**	Price
Edge	Single End	10mm	10mm	**MV4527037**	Price	-	-	-	-	-	-	-	-
Edge	Single End	9.5mm (.375)	10mm	**MV4527036**	Price	-	-	-	-	-	-	-	-
Edge	Double End	3/8	.200 x .375	**MV4527032**	Price	-	-	-	-	-	-	-	-
Edge	Double End Long	1/2	.200 x .500	**MV4527033**	Price	-	-	-	-	-	-	-	-
Edge	Audible	3/8	.200	**MV4527038**	Price	-	-	-	-	-	-	-	-
Edge	Audible	1/2	.200	**MV4527039**	Price	-	-	-	-	-	-	-	-
Edge	Audible	1/2	.500	**MV4527042**	Price	-	-	-	-	-	-	-	-
Edge	Audible	9.5mm (.375)	10mm	**MV4527040**	Price	-	-	-	-	-	-	-	-
Edge	Audible	10mm	10mm	**MV4527041**	Price	-	-	-	-	-	-	-	-

Fowler Optical Center Punch

- Efficient and precision punching of hole centers
- Magnified center dot and circle for accurate punching
- Used for marking, punching, stoking and riveting
- 9x acrylic lens



Order No.	Price
NA5552500075	Price

CNC Machine Set-Up Gage

- Designed especially for the CNC slant bed machine - offering a solution to a common tool setting problem previously not addressed by any other tool
- This versatility also lets it work on inverted tools on conventional machines

MADE IN THE USA



Order No.	Price
NB75Z8995	Price

5 Pc. Wiggler Sets

- For accurately locating working points on drill presses, lathes, milling and other machines
- Set consists of snap in holder, needle point attachment, ball contact attachment, disc contact attachment and offset indicator holder
- Supplied in plastic pouch



Item	Order No.	Price
PROCHECK	NE60WCFS	Price
	NB404100004	Price

TESA | Brown & Sharpe Wigglers

- Four interchangeable attachments accurately indicate tool-spindle positions relative to ground surfaces, gage blocks, buttons, holes, slots or crossed layout lines for making precise setups
- Chrome plated





Description	Order No.	Price
5 Piece Wiggler Set	MV4544597	Price
Ball Contact Attachment (.250" Diameter)	MV4544598	Price
Disc Contact Attachment (.100" Diameter)	MV4544599	Price
Needle Point Attachment	MV4544601	Price
Offset Indicator Holder	MV4544600	Price
Shank	MV4544602	Price

Starrett® Wiggler or Center Finder

MADE IN THE USA

- Furnished with offset indicator holder and new chuck design to hold all attachments
- Four attachments adapt the tool to countless applications and are snapped in chuck without removing collet nut
- Using offset indicator holder D, the mechanic can sweep holes or OD' s for checking run-out or concentricity, establish center distances, check straightness or alignment of flat surfaces
- With point A, working centers can be accurately located



Description	Order No.	Price
Ball contact only (.250" ball)	MV7053067	Price
Center Finder, and 4 attachments, Complete with Case A, B, C, D	MV7053064	Price
Center Finder, without Indiator holder without case	MV7053065	Price
Disc contact only (.100" disc.)	MV7053068	Price
Offset Indicator Holder Only	MV7053069	Price
Shank with Point Length; Closed-2-3/8", Open-4-1/8", Shank diameter-3/8"	MV7053066	Price

PROCHECK Round Bar Center Finder

- Accurately and quickly locates center on round workpiece
- For execution, place the tool in drill chuck or collet and line up pointer with the line scribed on the shaft
- 3/8" Shank diameter
- 4-1/8" Overall length



Order No.	Price
NE60RBCF38	Price

Center Finder

MADE IN THE USA

- Accurately and quickly locates center on round workpieces
- Satin chrome finish
- Place tool in drill chuck or collet and line-up pointer with line scribed on shaft



Order No.	Price
NB404200100	Price

NATIONAL Brass Handle Pin Vise



- Ideal for holding small rods & wires etc
- Heavy knurled brass body
- Overall length 3-1/8″ with holding capacity 0-.028″

Order No.	Price
KS60HMC049	Price

NATIONAL Swivel Head Pin Vise



- Two double end reversible collets are made of hardened tool steel
- 4″ overall and 5/16″ diameter body

Order No.	Price
KS60HMC048	Price

NATIONAL Double End Pin Vise



- Each end has a double end collet which may be reversed to desired size
- Nickel plated body is made of tubing to permit use of long wire or rods
- 3-3/4″ long with 5/16″ body diameter
- Range 0 - .125

Order No.	Price
KS60HMC042	Price

NATIONAL Single End Individual Pin Vises & 4 Pc. Set

- For holding small rods, wire, drills, taps, and other small tools
- Tool steel collets are hardened and grip firmly when screw chuck is tightened
- Nickel plated body is hollow to permit holding of long rods of wire

Range	Order No.	Price
0 to .040	**KS60HMC044**	Price
.032 to .059	**KS60HMC045**	Price
.052 to .122	**KS60HMC046**	Price
.118 to .188	**KS60HMC047**	Price
4 Piece Set 0 to .188"	**KS60HMC043**	Price



TESA | Brown & Sharpe Series 790 Pin Vises

- Handy, sure-grip tool holders feature a through hole in the handle for holding wires, taps, drills, files, scriber points and the like
- Reduced handle diameter easy rotation between thumb and finger
- Available individually in four sizes or as a complete set
- Provided in a chrome finish



Range Inch/Metric	B & S No.	Order No.	Price
0-.040 / 0-1.0	599-790-1	**MV4545387**	Price
.030 to .062 / 0.75 - 1.5	599-790-2	**MV4545388**	Price
.050 to .125 / 1.27 - 3.1mm	599-790-3	**MV4545389**	Price
.115 to .197 / 2.9 - 5mm	599-790-4	**MV4545390**	Price
Set of 4 Pin Vises in fitted plastic case	599-790	**MV4545386**	Price

TESA | Brown & Sharpe No. 793 Pin Chucks

- Provide convenient means for holding small work on lathes and other machines
- Set consists of a chuck and three interchangeable collets to hold work from .010″ to .100″ diameter

B&S No.	Order No.	Price
599-793	**MV4546480**	Price



GENERAL Swivel Head Pin Vise

- An exceptional pin vise for delicate work on models, instruments, and jewelry
- Single collet made of hardened tool steel
- Has large free wheeling swivel head
- 4” overall and 5/16” diameter body
- Capacity .10 to .125” (.0 to 3.2mm)



Order No.	Price
NE5092	Price

GENERAL Adjustable Pin Vise

- Use for electronic assembling, toolmaking, model making and hobbies
- Holds small drills, burrs, wires, files, reamers and other small tools
- 3 jaw hardened steel keyless chuck, sturdy plastic handle
- Overall length 6-7/8”; body diameter 1”
- Capacity .040 to .250” (1 mm to 6.4 mm)

Order No.	Price
NE5093	Price



GENERAL Double End Pin Vise

- Each end has a double end collet which may be reversed to desired size
- Nickel plated body is made of tubing to permit use of long wire or rods
- 3-3/4 long with 5/16″ body diameter
- Capacity .0 to .125″ (0 mm to 3.2 mm)



Order No.	Price
NE5090	Price

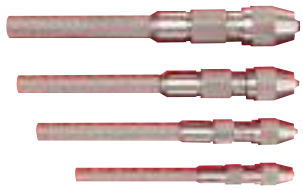
GENERAL Single End Pin Vise Set

- For holding small rods, wire, drills, taps and other small tools
- Tool steel collets are hardened and grip firmly when screw chuck is tightened
- Nickel plated body is hollow to permit holding of long rods of wire
- Available in individual sizes
- Conforms to government specs. GGG-V-412a

Range	General Model No.	Order No.	Price
0 to .055 / 0 - 1.40mm	94A	**NE5094A**	Price
.025 to .075 / 64 - 1.91mm	94B	**NE5094B**	Price
.045 to .125 / 1.14 - 3.2mm	94C	**NE5094C**	Price
.110 to .187 / 2.80 - 4.75mm	94D	**NE5094D**	Price
Set of 4 sizes, 94A-D (0-.187) packed in plastic case	S94	**NE50S94**	Price



Starrett® Pin Vises



- Smooth handle allows vise to be held in machine chucks or collets
- Hole through entire length to accommodate stock up to the full size capacity to end allows fast opening and closing
- End of the handle is knurled and has a smaller diameter than chuck to allow rapid opening and closing and rapid rotation between the thumb and finger when filing or forming small work
- All four vises have heavy nickel plated finish

Range (in./mm)	Set Complete	Order No.	Price
.010 to .055 / 0.25 - 1.4mm	Single End	**MV7051136**	Price
.025 to .075 / 0.64 - 1.9mm	Single End	**MV7051137**	Price
.045 to .135 / 1.2 - 3.4mm	Single End	**MV7051138**	Price
.110 to .200 / 2.8 - 5.1mm	Single End	**MV7051139**	Price
.010-.200 / 0.25mm - 5.1mm	4 piece set in Protective Case	**MV7051140**	Price

Drafting Compasses

Standard Friction Compass

- Solid brass legs with satin chrome finish
- Legs are jointed for increased range



MZ85211TC



MZ85212TC



MZ85213TC

Diameter	Style	Order No.	Price
1/16 to 14	Drafting Compass	MZ85211TC	Price
1/16 to 14	Drafting Compass with Pen Adapter	MZ85212TC	Price

10 Pc. Drafting Instrument Set

Set includes:

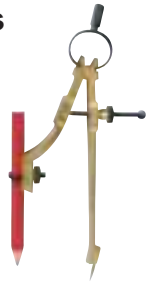
- 4-3/4" and 5-3/4" Spring blade adjustable ruling pens
- 6" Pivot compass with pen, pencil and lengthening bar
- 3-3/4" Bow pencil, 4" bow divider and 6" tfriction divider
- Screwdriver and spare lead supplied in spare parts holder



Order No.	Price
MZ854360TC	Price

Precision Pencil Compass

- Carpentry quality pencil compass is made of long lasting die cast, rust resistant metal
- Spring tension adjustment for marking up to 8″ diameters
- Scribe guide for edge marking
- For use with pencil (included) or slim ballpoint pen



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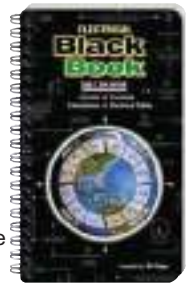


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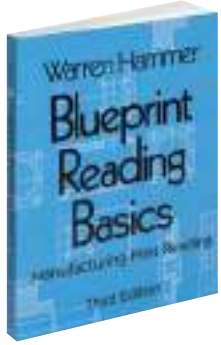
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By Warren Hammer

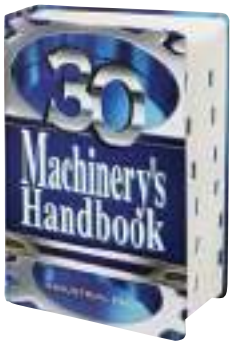
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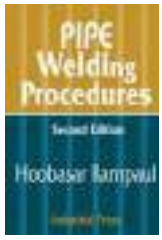


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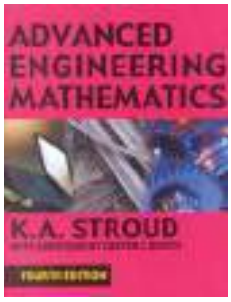


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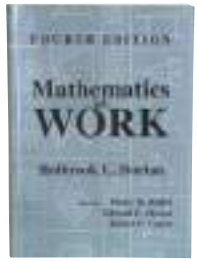


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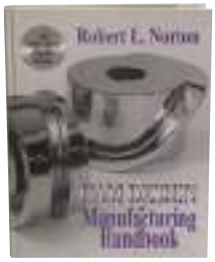


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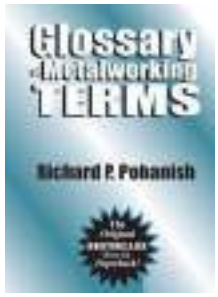
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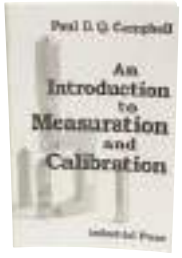


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