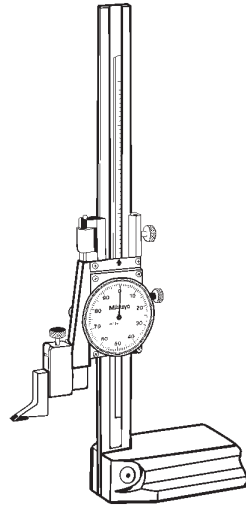
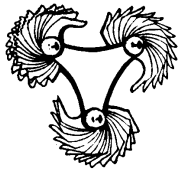
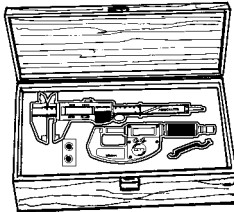
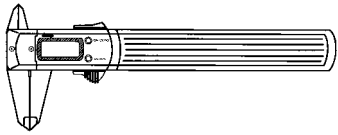
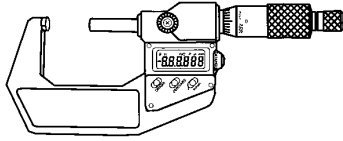


I

Precision Inspection Equipment and Shop Aids



Calipers

- Digital I 2–3
- Dial I 4

Micrometers I 5

- Electronic Digital Micrometers
- Electronic Measuring Sets

Height Gages I 6

- Dial Height Gages
- Digital Height Gages

Dial Indicators I 7

Shop Aids I 8–9

- Dividers & Calipers
- Wing Dividers
- Scribers
- Center Punches
- Protractors & Depth Gage
- Depth-Angle Gage
- Toolmaker's Surface Gage
- Stainless Steel Rule
- Black Chrome E-Z Read Steel Rule
- Starrett® Precision Level
- Universal Bevel Protractor
- Toolmaker's & Inspection Vises
- Solid Squares
- Vee Blocks
- Vee Blocks with Clamps

Gages I 10

- Feeler
- Thread Pitch
- Radius
- Sheet Metal
- Drill

PRECISION ELECTRONIC CALIPERS

PRECIMAT ELECTRONIC DIGITAL CALIPERS STAINLESS STEEL **NEW**

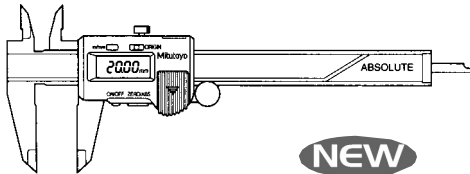


Features:

- Inch/metric conversion.
- Zero adjustment.
- Big LCD.
- Power on/off function.
- Moveable negative sign.

RANGE	STOCK #
0 - 6"	MC2006
0 - 8"	MC2008
0 - 12"	MC2012

Mitutoyo MyCAL ABSOLUTE DIGIMATIC CALIPERS



NEW

Applications:

- Allows direct measurements from power on.

Features:

- Accuracy: $\pm 0.001"$ (0-12": $\pm 0.015"$).
- LCD Resolution: .0005" (0.01mm).
- Zero-setting of the display is possible at any slider position for easy comparison measurements.
- Inch/metric conversion.
- Battery life 3.5 years.
- With or without SPC.
- Zero/ABS allows the display to be Zero-set at any point along the slider for incremental comparison measurements. This switch will also allow return to the absolute.

RANGE	OUTPUT	STOCK #
0 - 6" (0-150mm)	non SPC output	MC500196
0 - 8" (0-200mm)	non SPC output	MC500197
0 - 12" (0-300mm)	non SPC output	MC500193
0 - 6" (0-150mm)	with SPC output	MC500171
0 - 8" (0-200mm)	with SPC output	MC500172
0 - 12" (0-300mm)	with SPC output	MC500173
Optional SPC output cable		MC959149
Replacement battery		MC541980

Starrett ELECTRONIC DIGITAL CALIPERS INCH/METRIC CONVERSION **NEW**

The only American-made electronic digital caliper!



Basic Model Features:

- Inch/mm conversion.
- Zero at any position.
- Hold readout at any position.
- Automatic shutoff.

Full Function Model Features:

- Easy keyboard control by use of a shift button.
- Automatic shutoff.
- "Limits" button, enters high/low dimensional limits-out of limits readings will flash on display.
- Manual on/off.
- Inch/metric conversion.
- Zero at any position.
- Hold readout at any position.
- Output capability to Starrett computer hardware and data collection systems for SPC analysis and documentation.

Features:

- 6" Accuracy $\pm 0.001"$ (± 0.03 mm).
- Resolution .0005" (0.01mm).
- Hardened, stainless steel body.
- Fine adjustment for tighter measurement.
- Slide lock for holding position.

RANGE	STOCK #
BASIC MODEL	
0 - 6" (150mm)	MC721A
FULL FUNCTION MODEL WITH OUTPUT	
0 - 6" (150mm)	MC721B

Mitutoyo DIGIMATIC PLASTIC CALIPERS **NEW**



Plasti-Cal – our first multi-purpose, non-industrial-use digital caliper! Ideal for use in the lab, the woodshop, the classroom, the nursery, the doctor's office, any application involving delicate or unusual workpieces. Plastic construction makes for durable and light-weight use, and plastic jaws won't mar easily-damaged surfaces. Reads in inch or millimeters.

Alarm: Battery voltage low / Over speed

Response speed: 63"/s (1,600mm/s)

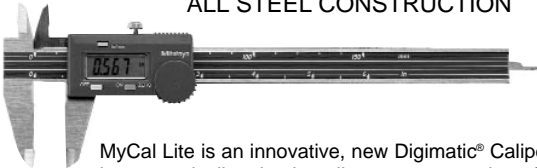
Without SPC output and Depth Bar.

RANGE	RESOLUTION	ACCURACY	COLOR	STOCK #
0 - 6" 0-150mm	.001" 0.1mm	$\pm 0.008"$ ± 0.2 mm	Green	MC700103G
0 - 6" 0-150mm	.001" 0.1mm	$\pm 0.008"$ ± 0.2 mm	Yellow	MC700103Y

Battery life: Approx. two years (under normal use)

Replacement battery: **MC541980** (1 pc.) **MC541980-10** (10 pcs./ SET)

Mitutoyo MyCAL LITE DIGIMATIC CALIPERS ALL STEEL CONSTRUCTION **NEW**



MyCal Lite is an innovative, new Digimatic® Caliper which is economically priced to allow everyone to benefit from the advantages of modern digital gages. Large LCD digits ensure error free reading in either inch or mm mode. Additionally, the zero point can be set anywhere to allow quick comparison measurements.

RANGE	RESOLUTION	ACCURACY	STOCK #
0 - 6" 0 - 150mm	.001" 0 - 1mm	$\pm 0.005"$ $\pm 0 - 2$ mm	MC700113

PRECISION ELECTRONIC CALIPERS

Mitutoyo ABSOLUTE (ABS) SOLAR POWERED CALIPERS

NEW



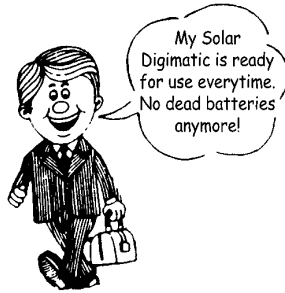
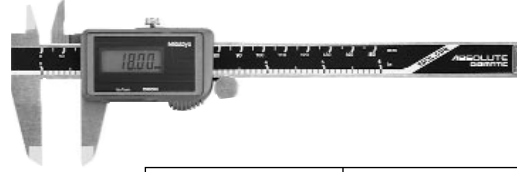
The world's first solar powered digital caliper!

Applications:

- Allows direct measurements from power on.

Features:

- Accuracy $\pm .001$ "
- LCD Resolution: $.0005$ " (0.01mm).
- Equipped with the same functions as battery-type digimatic calipers.
- Provided with or without data output port for connections with SPC system.
- Operational temperature: 5 to 40°C (41 to 104°F).
- Storage temperature: -10 to 60°C (14 to 140°F).



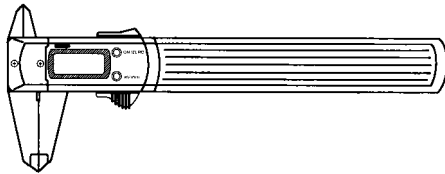
RANGE	OUTPUT	STOCK #
0 - 6" (0-150mm)	non SPC output	MC500474
0 - 6" (0-150mm)	with SPC output	MC500464
0 - 8" (0-200mm)	non SPC output	MC500475
0 - 8" (0-200mm)	with SPC output	MC500465
Optional SPC output cable		MC959149
Replacement battery		MC541980

Mitutoyo WATER RESISTANT DIGIMATIC CALIPER WITH ABSOLUTE ENCODER

NEW



This is the world's first electronic caliper to provide water and dirt protection for use in machine shop environments.



Features:

- IP-54 level protection against contaminations.
- Absolute Encoder ensures that all settings and readings are not lost when power is switched off.
- Immune to overspeed error.
- Takes OD, ID, and Step measurements.
- Auto-sleep after 20 minutes idle time to conserve battery life.
- By simply moving the measuring jaw, the LCD automatically turns on, ready for measurement.

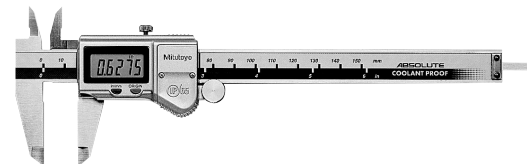
RANGE	RESOLUTION	ACCURACY	STOCK #
0 - 4"	0.0005"	$\pm .001$ "	MC500327
0 - 100mm	0 - 0.01mm	$\pm 0 - .02$ mm	

Battery: Silver Oxide SR-44 (MC541980)

LCD Display: 5 digit with - Sign

Mitutoyo COOLANT PROOF DIGIMATIC CALIPERS SEALED AGAINST FLUIDS & CONTAMINANTS

NEW



- Coolant proof.
- Dust proof.
- Chip proof.
- Can be used submerged.
- Patented "Set 'N Forget" absolute encoder.

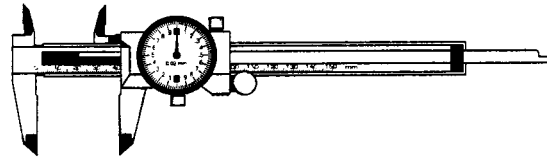
RANGE	RESOLUTION	ACCURACY	STOCK #
0 - 6"	.005"	$\pm .001$ "	MC500652
0 - 150mm	0.01mm	± 0.02 mm	
0 - 8"	.0005"	$\pm .002$ "	MC500653
0 - 200mm	0.01mm	± 0.02 mm	

I
Calipers

PRECISION DIAL CALIPERS

PRECIMAT 6" STAINLESS STEEL DIAL CALIPERS

NEW



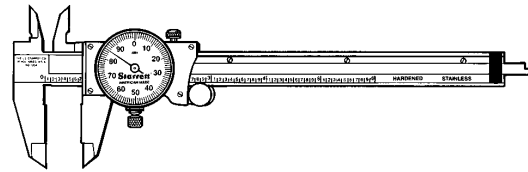
Features:

- Adjustable zero set.
- 1.25" diameter rotating dial, with lock.
- Anti-backlash, shockproof design.
- Includes depth bar.
- Inch models are graduated in .001" one dial revolution is .100".
- Metric models are graduated in 0.02mm, one dial revolution is 2mm.
- Supplied with a molded case.

ITEM	STOCK #
Inch model	MC1006
Metric model	MC1006M

Starrett® DIAL CALIPERS

NEW



Graduation - .001"

RANGE	DIAL COLOR	DESCRIPTION	STOCK #
0 - 6"	White	Caliper in Case	MC120A
		Caliper with Carbide Faces in Case	MC120X
	Black	Caliper in Case	MCB120A
			MCR120A

Graduation - 0.02mm

RANGE	DIAL COLOR	DESCRIPTION	STOCK #
0 - 150mm	Yellow	mm Caliper in Case	MC120M150
		mm Caliper with Carbide Faces in Case	MC120MX150

Accessories and Cases Only

Center Distance Attachment	PT26151
Depth Attachment for 6" Dial Calipers	PT22431
Deluxe Padded Case for 6" or 150mm Dial Calipers	120ZZ6
Leather Holster for 6" or 150mm Dial Calipers	915

Readability Features:

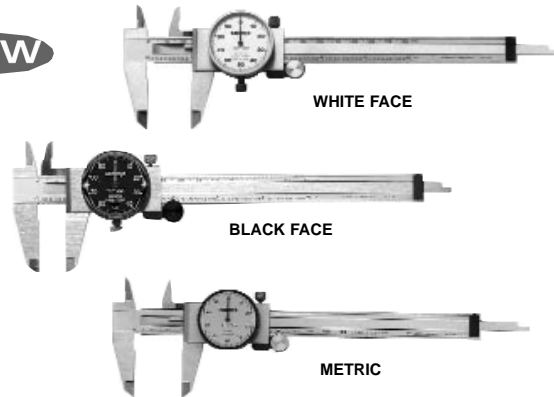
- Sharp, clear dial graduations of .001" or 0.02mm - .100" or 2mm in one revolution.
- Sharp, black graduations on the satin finished bar every .100" or 2mm.
- Choice of black, red or white inch dials; millimeter dials are yellow.

Accuracy and Long-Life Features:

- Long-wearing carbide faces on outside contacts on models MC120X-6 and MC120MX-150 only.
- Hardened stainless steel bar, measuring surfaces, rack, gears, and depth rod.
- Positive, split-gear anti-backlash control.
- Rack teeth point down to make it easy to shed foreign matter and thereby keeping the area clean.

Mitutoyo PRECISION DIAL CALIPERS WITH COVERED RACK

NEW



Inch

RANGE	GRADUATION	RANGE PER / REV.	DIAL FACE	JAW LENGTH	STOCK #
0 - 6	.001	.100	White	1-9/16	MC50563750
0 - 6	.001	.200	White	1-9/16	MC50564150
0 - 6	.001	.100	White	1-9/16	MC50565450
0 - 6	.001	.100	Black	1-9/16	MC50563756
0 - 6	.001	.100	Black	1-9/16	MC50563766
0 - 6	.001	.100	Blue	1-9/16	MC50563751
0 - 6	.001	.100	Purple	1-9/16	MC50563752
0 - 6	.001	.100	Green	1-9/16	MC50563753
0 - 6	.001	.100	Red	1-9/16	MC50563754
0 - 6	.001	.100	Orange	1-9/16	MC50563755
0 - 6	.001	.200	White	1-9/16	MC50562650
0 - 8	.001	.200	White	1-15/16	MC50562750
0 - 8	.001	.100	White	1-15/16	MC50564450
0 - 12	.001	.200	White	2-1/2	MC50562850
0 - 12	.001	.100	White	2-1/2	MC50564550

Metric

0 - 150mm	.05mm	5.0mm	White	1.58mm	MC50563350
0 - 100mm	.02mm	5.0mm	White	1.58mm	MC50563650
0 - 150mm	.02mm	2.0mm	White	1.58mm	MC50564650
0 - 200mm	.02mm	2.0mm	White	1.97mm	MC50564750
0 - 300mm	.02mm	2.0mm	White	2.51mm	MC50564850

Applications:

- Sharp jaw edges provide easy access to portions that ordinary calipers cannot measure.
- Can measure steps.

Features:

- Accuracy: 0 - 6": ±.001" 8 - 12": ±.002".
- Extra-large dial face for easy reading.
- Hardened stainless steel throughout.
- Inside, outside, depth and step measurements.
- Extra rigid main beam.
- Supplied with fitted case.

ELECTRONIC DIGITAL MICROMETERS

PRECIMAT 0 - 1" / 0 - 25mm ELECTRONIC DIGITAL OUTSIDE MICROMETER

Features:

- LCD Display: 0.0001"/0.001mm.
- Instant inch/metric conversion.
- Ratcheted.
- Set zero at any point along spindle.
- Automatic power off.
- Carbide faces.
- Locking lever.



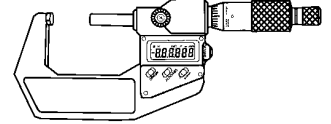
STOCK # MC2001

Mitutoyo DIGIMATIC MICROMETERS ANATOMICAL DESIGN

NEW

Features:

- Accuracy: ±.001" to .00005".
- LCD Resolution: .00005" (0.001mm).
- Instant inch/metric conversion.
- Carbide tipped measuring faces.
- High Contrast LCD display.
- Automatic power-off after two hours of idle time.
- Complete with battery, key spanner, fitted carrying case, manual and 2 year warranty.



Applications:

- Lightweight design and digital display allow measurements to be taken with the micrometer held in one hand.

Starrett® 0 - 1" ELECTRONIC DIGITAL OUTSIDE MICROMETER NON-SPC OUTPUT

Features:

- On/Off button.
- Zero at any position.
- Measurement hold button.
- Inch/metric conversion.
- Carbide tipped measuring faces.

Applications:

- This basic electronic micrometer has all the ease of handling and accuracy of the 733 series.

Range: 0-1" (0-25mm).

Resolution: .00005" (.001mm).



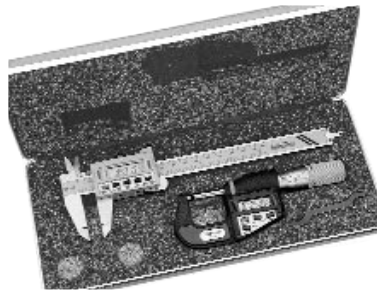
STOCK # MC734

RANGE	TYPE		STOCK #
0 - 1" (0-25mm)	Ratchet	non SPC	MC29376130
0 - 1" (0-25mm)	Ratchet	non SPC	MC29376630
0 - 1" (0-25mm)	Ratchet	with SPC	MC29372130
1 - 2" (25-50mm)	Ratchet	with SPC	MC29372230
2 - 3" (50-75mm)	Ratchet	with SPC	MC29372330
3 - 4" (75-100mm)	Ratchet	with SPC	MC29372430
0 - 1" (0-25mm)	Friction	non SPC	MC29376530
0 - 1" (0-25mm)	Friction	with SPC	MC29372530
1 - 2" (25-50mm)	Friction	with SPC	MC29372630
Replacement battery			MC541980
Optional SPC output cable			MC937387
Digimatic MDC-Lite (World's lightest micrometer)			
0 - 1" (0-25mm)	Ratchet	non SPC	MC293811
0 - 1" (0-25mm)	Friction	non SPC	MC293812

ELECTRONIC MEASURING SETS

Starrett® SETS

- Basic starter set for electronic measuring with 0 - 6" electronic caliper and 0 - 1" electronic micrometer.
- Furnished in attractive protective case.
- Set # MCS759AZ includes same tools with output.
- Set # MCS759BZ includes same tools without output.

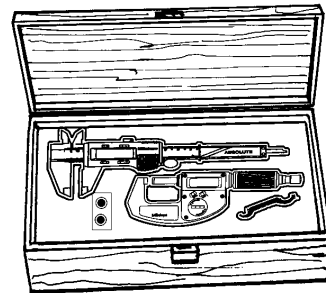


DESCRIPTION	STOCK #
0 - 6" / (0-150mm) Electronic Digital Slide Caliper	MCS759AZ
0 - 1" / (0-25mm) Electronic Outside Micrometer	
0 - 6" / (0-150mm) Electronic Digital Slide Caliper	MCS759BZ
0 - 1" / (0-25mm) Electronic Outside Micrometer	

Mitutoyo SETS

Digitmatic

- 0 - 6" Digitmatic caliper.
- 0 - 1" Digitmatic micrometer & spanner wrench.
- Batteries and 2 year warranty.



DESCRIPTION	STOCK #
0 - 1" Digitmatic Micrometer (Friction Type)	MC9509409
0 - 6" Digitmatic Caliper with Absolute Encoder (500-196) batteries; spanner	
0 - 1" Digitmatic Micrometer (Ratchet Type)	MC9509399
0 - 6" Digitmatic Caliper with Absolute Encoder (500-196) batteries; spanner	

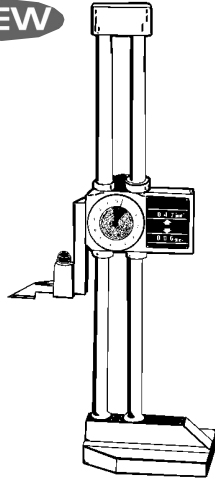
PRECISION HEIGHT GAGES

PRECIMAT DOUBLE BEAM DIAL HEIGHT GAGE

Features:

- Error-proof digital counter.
- Zero reset button.
- Base is hardened, ground and lapped for maximum flatness.
- With fine-adjusting wheel and lock.
- 0.001" graduations on indicator for fine readings.
- Carbide tipped scriber.
- Features a large feed wheel for coarse and fine vertical adjustment.
- Fitted case.

NEW



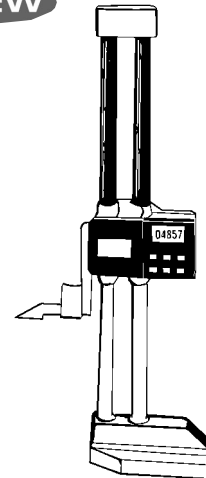
RANGE	STOCK #
0 - 12"	MC604755
0 - 18"	MC605755
0 - 24"	MC606755

PRECIMAT DOUBLE BEAM ELECTRONIC HEIGHT GAGE

Features:

- Right twin column structure.
- 6 digit LCD display & minus sign (-).
- Functions include: zero setting, inch/mm conversion, data hold.
- Plus/minus presetting.
- Large size feed wheel lock on measuring slider.
- Battery furnished.
- Carbide tipped scriber.
- Resolution 0.001" / 0.01mm.
- Fitted case.

NEW



RANGE	STOCK #
0 - 12" / 0-300mm	MC608001
0 - 20" / 0-500mm	MC608A001
0 - 24" / 0-600mm	MC608B001

Mitutoyo DIAL HEIGHT GAGES SERIES 509

NEW

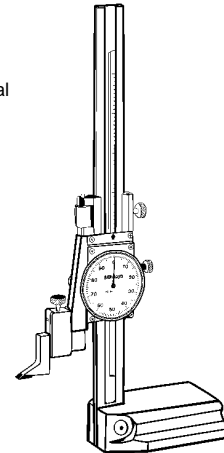
MITUTOYO Height Gages featuring .001" and 0.02mm dial readings are supplied with the fine adjustment and carbide-tipped scriber.

Features:

- Hardened stainless steel rack.
- Made of stainless steel throughout.
- Carbide-tipped scriber, **#900173**.
- Box clamp for scriber accepts Holding Bar **#9001306**. (1/4 x 1/2") for Test Indicators.
- Series 509 Height Gages are furnished without a case. For optional Wooden Cases, order **#413030** for 6" and 150mm sizes and **#413031** for 10" and 250mm sizes.

Inch Model

RANGE	DIAL READING GRADUATION	RANGE rev	ACCURACY	MASS (lbs.)	STANDARD ACCESSORIES	STOCK #
0-6"	.001"	.10"	±.001"	1.76	Scriber (#900173)	MC509313
0-10"	.001"	.10"	±.0015"	2.64	Scriber Clamp (#901338)	MC509314
Metric Model						
0-150mm	0.02mm	2.0mm	±0.03mm	1.76	Scriber (#900173)	MC509301
0-250mm	0.02mm	2.0mm	±0.04mm	2.64	Scriber Clamp (#901338)	MC509302



Mitutoyo DIGITAL COUNTER TYPE HEIGHT GAGES SERIES 192

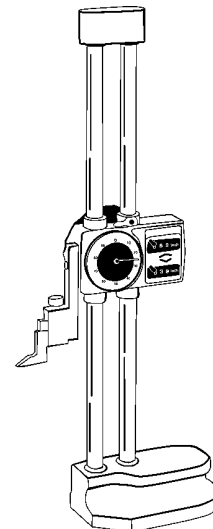
NEW

Features:

- Easy and error-free reading with both up and down digital counters as well as a dial.
- The counters and dial can be zero set at any scriber position.
- Provided with a feed wheel for easy coarse feeding.
- Carbide-tipped scriber.

Inch Model

RANGE	DIAL GRADUATION	DIGITAL COUNTER GRADUATION	ACCURACY	MASS (lbs.)	STANDARD ACCESSORIES	STOCK #
0-12"	.001"	.1" (Dual Reading)	±.0015"	9.26	Scriber (#900258) Scriber Clamp (#901385)	MC192150
0-18"	.001"	.1" (Dual Reading)	±.002"	20.28		MC192151
0-24"	.001"	.1" (Dual Reading)	±.002"	21.60		MC192152
0-40"	.001"	.1" (Dual Reading)	±.003"	37.5		MC192153
Metric Model						
0-300mm	.01mm	1.0mm (Dual Reading)	±0.03mm	9.26	Scriber (#07GZA000) Scriber Clamp (#07GZA002)	MC192130
0-450mm	.01mm	1.0mm (Dual Reading)	±0.05mm	20.28		MC192131
0-600mm	.01mm	1.0mm (Dual Reading)	±0.05mm	21.60		MC192132
0-1000mm	.01mm	1.0mm (Dual Reading)	±0.07mm	37.5		MC192133

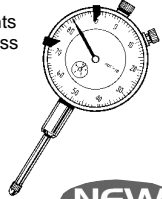


DIAL INDICATORS

PRECIMAT DIAL INDICATORS

Features:

- Spindle rack and contact points are made of hardened stainless steel for longer wear.
- Jeweled movement.
- Accuracy meets or exceeds Federal Specifications.
- Extra long springs ensure uniform pressure through entire travel of spindle.



RANGE	GRADUATION	STOCK #
0 - 1"	.001	MC301532
0 - 2"	.001	MC302451
1/4"	.001	MC304755
1/2"	.001	MC304A029

PRECIMAT DIAL TEST INDICATORS

Features:

- It includes 2 dovetail clamps (3/8 & 5/32").
- Swivels 180°.
- Has two directional functions.
- Carbide tipped.



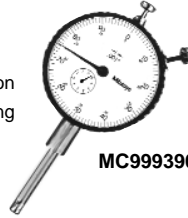
RANGE	GRADUATION	STOCK #
0 - .030"	.0005	MC303755

Mitutoyo DIAL INDICATORS

"AGD STYLE"

Features:

- 0 - 1" Travel
- .001" Graduation
- 0 - 100° Reading



0-1" Travel Dial Indicator

AGD2 2" Dial Size
Mitutoyo, USA

MC999390

Inch Dim.

DIAL SIZE	GRADUATION	TRAVEL RANGE	STYLE	READING	RANGE PER REVOLUTION	STOCK #
1-3/8	.001	.250	Short Range	0-100	.100	MC1410F
1-3/8	.001	.250	Short Range	0-50-0	.100	MC1411F
1-3/8	.0005	.125	Short Range	0-50	.050	MC1506
1-3/8	.0001	.025	Jeweled Bearings	0-5-0	.010	MC180310
2	.001	.400	Short Range	0-100	.100	MC2412F
2	.001	.500	Short Range	0-100	.100	MC2414F
2	.001	1.000	Revolution Counter	0-100	.100	MC2416F
2	.001	1.000	Revolution Counter	0-100	.100	MC999390
2	.001	1.000	Long Range	0-50-0	.100	MC2417F
2	.001	2.000	Jeweled Bearings	0-100	.100	MC242410
2	.0005	1.000	Long Travel Fine Grad.	0-50-0	.100	MC2776F
2	.0001	.010	Jeweled	0-5-0	.010	MC2803F10
2	.0001	.050	+/- Sign Reversed Jeweled	0-5-0	.010	MC2923F10
2	.0001	.050	High Acc Short Range	0-10	.010	MC2804F10
2	.0001	.500	Jeweled	0-10	.010	MC235850
2	.001	.250	Water Proof	0-100	.100	MC2410F60
3	.001	1.000	W/O Spindle Cap	0-100	.100	MC3416
3	.001	.010	Reversed Reading	100-0	.100	MC2904F
3	.0005	.075	Lug on Center Back	0-30	.030	MC3570
3	.0001	.025	Jeweled Bearing	0-50-0	.010	MC380310
4	.001	3.000	Lug on Center Back	0-100	.100	MC4887

Mitutoyo "QUICK-SET" DIAL TEST INDICATORS

SERIES 513 - WITH JEWELLED BEARINGS

Inch / Metric

GRADUATION	RANGE	DIAL READING	ACCURACY	TYPE	REMARKS	STOCK #
.0005"	.03"	0-15-0	±.0005"	Horizontal	Combitec	MC513406
0.01mm	.07mm	0-35-0	±.0005"	Horizontal	Anti-Magnetic	
Inch						
.0001"	.008"	0-4-0	±.0001"	Horizontal	Anti-Magnetic	MC513403
.0001"	.008"	0-4-0	±.0001"	Vertical	Anti-Magnetic	MC513453
.0001"	.008"	0-4-0	±.0001"	Horizontal	Mini-Dial	MC513463
.0005"	.03"	0-15-0	±.0005"	Horizontal	Anti-Magnetic	MC513402
.0005"	.03"	0-15-0	±.0005"	Vertical	Anti-Magnetic	MC513452
.0005"	.03"	0-15-0	±.0005"	Horizontal	Mini-Dial	MC513262
.0005"	.03"	0-15-0	±.0005"	Parallel	Anti-Magnetic	MC513282
.0005"	.03"	0-15-0	±.0005"	Horizontal	Long Point	MC513412
					Anti-Magnetic	

NEW



MC513402



MC513403



MC543452B

ABSOLUTE
Set 'N Forget
TECHNOLOGY



MC543252B

Mitutoyo IDC DIGIMATIC INDICATORS

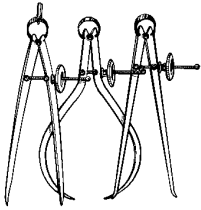
WITH ABSOLUTE ENCODER

RANGE	ACCURACY 20°C	LCD RESOLUTION	STOCK #
0 - .5"	.00012	.00005" .001mm	MC543252 (Lug-Back)
0 - .5"	.00012	.00005" .001mm	MC543252B (Flat-Back)
0 - .5" Peak Hold	.00012	.00005" .001mm	MC543262 (Lug-Back)
0 - 1"	.00012	.00005" .001mm	MC543452B (Flat-Back)
0 - 2"	.00012	.0001" .001mm	MC543463B (Flat-Back)

PRECISION SHOP AIDS

FLAT LEG DIVIDERS & CALIPERS

- Easy adjustment screw.
- Balanced legs, uniform tension.
- Polished natural steel finish.



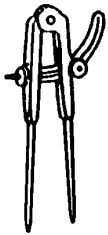
LEG SIZE	DIVIDER	OUTSIDE CALIPER	INSIDE CALIPER
4"	HT10130	HT10120	HT10110
6"	HT10132	HT10122	HT10112
8"	HT10134	HT10124	HT10114
10"	HT10136	HT10126	HT10116
12"	HT10138	HT10128	HT10118

• 1 per pack

WING DIVIDERS

Expanded Offering!

- Heavy duty divider with cast alloy body.
- Hardened steel points, fully polished and nickel plated.



LEG SIZE	STOCK #
6"	HT10142
8"	HT10143
10"	HT10144
12"	HT10145

• 1 per pack

SCRIBERS



TUNGSTEN CARBIDE SCRIBER & MAGNET

Overall length 6"

STOCK # S67612 • 1 per pack

CENTER PUNCHES

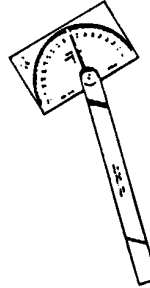
- Conforms to government specifications GGG-P-831E.
- Made of tool steel.
- Points are ground to size for maximum strength and penetration.
- Knurled body for better grip.

SIZE	BODY DIA.	OAL	STOCK #
1/16"	1/4"	3-1/8"	CP67601
5/64"	5/16"	4"	CP67602
3/32"	5/16"	4"	CP67603
9/64"	3/8"	4"	CP67604
5/32"	7/16"	4"	CP67605

• 1 per pack

STEEL PROTRACTOR

- Stainless steel satin finish.
- Permanently etched graduations from 0° to 180° in opposite directions.
- 3-3/8" x 2" head.
- 6" adjustable protractor arm locks into desired position with knurled thumb nut.

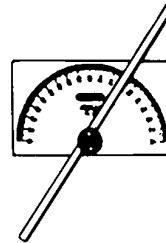


STOCK # P10165

• 1 per pack

PROTRACTOR & DEPTH GAGE

- Stainless steel.
- Graduated 0° - 180° in opposite directions.
- 6" x 1/4" depth gauge graduated in 32nds & 64ths.
- Spring loads securing nut.



STOCK # P10166

• 1 per pack

DEPTH-ANGLE GAGE

- Permits easy setting of protractor angle to 30°, 45° and 60° settings on both sides.
- 6" x 1/4" etched stainless steel rule graduated in 32nds and 64ths.
- 2-1/2" wide hardened steel base.



STOCK # P10160

• 1 per pack

TOOLMAKER'S SURFACE GAGES

- Base fully hardened.
- Knurled thumb screw for fine adjustment.
- Retractable pins in the base.
- V-groove base for mounting on round work.
- Supplied with scriber and two different length spindles.



BASE SIZE	SPINDLE LENGTHS	STOCK #
2-1/8" x 1-9/16" x 3/4"	4" and 7"	SG10151
3-1/2" x 2-1/2" x 1"	9" and 12"	SG10152

• 1 per pack



NEW

BLACK CHROME E-Z READ STEEL RULES

- Precisely etched, then white filled for readability.
- All rules fully hardened & tempered.

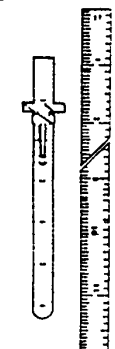
LENGTH	WIDTH	GRADUATION	STOCK #
6"	3/4"	5R: 32nds, 64ths, 10ths, 100ths	BS67380A
12"	1"	4R: 8ths, 16ths, 32nds, 64ths	BS67386A
	1"	5R: 32nds, 64ths, 10ths, 100ths	BS67387A
	1"	16R: 32nds, 64ths, 50ths, 100ths	BS67388B

• 1 per pack

STAINLESS STEEL RULES

LENGTH	WIDTH	GRADUATION	STOCK #
6" with Pocket Clip	1/2"	16ths, 32nds Decimal Equiv.	SS67380
12" Rigid	1"	3R - 32, 64 / 10, 50	SS67385
	1"	4R - 8, 16, 32, 64	SS67386
	1"	5R - 10, 100 / 32, 64	SS67387
	1"	16R - 32, 64 / 50, 100	SS67388

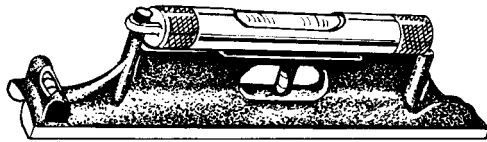
• 1 per pack



PRECISION SHOP AIDS

Starrett®

MECHANIC'S PRECISION LEVEL



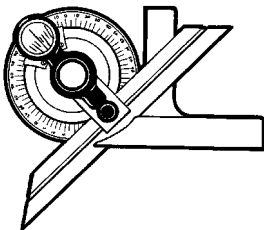
Ground & Graduated Vials

- All size levels have a cross test vial, except the 4" size. The 12" size has in addition a plumb vial, and the 18" size has a double plumb vial.
- The level bases are made of finest quality seasoned castings with black wrinkle finish, accurately machined and finished on the bearing surface.
- An involute longitudinal accurate seating on the round work.

SIZE	STOCK #
4"	ML4
6"	ML6
8"	ML8
12"	ML12
18"	ML18

• 1 per pack

UNIVERSAL BEVEL PROTRACTORS

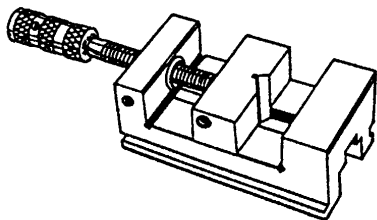


- Fine adjustment knob.
- Supplied with 6" and 12" blades and reference square.
- Full 360° graduation in 0° to 90° sectors.
- Hardened Stainless Steel.
- Dial face and vernier are finished in satin chrome to ensure easy reading.

DESCRIPTION	STOCK #
Protractor Head with magnifying lens and 6" and 12" blades	BP67615

• 1 per pack

TOOLMAKER'S & INSPECTION VISES



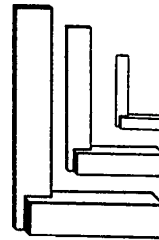
- The base and front jaw are of one-piece all steel construction.
- All surfaces are hardened and precision ground square and parallel to an accuracy of 0.0004".
- V-grooved jaw for holding round work pieces.
- Clamping slots are provided and jaws are easily replaced.
- Hardened and ground dovetail slides eliminate "lift" and ensure consistent accuracy.
- For inspection, precision jig boring, grinding and other operations where holding is necessary.

WIDTH S	OPENING A MAX.	DEPTH "h"	HEIGHT "H"	LENGTH "B"	STOCK #
2-1/2"	1.97"	.866"	1.850"	4.724"	TV67625
3-1/8"	2.44"	1.063"	2.205"	5.748"	TV67626
4"	3.35"	1.338"	2.795"	6.850"	TV67627

• 1 per pack

SOLID SQUARES

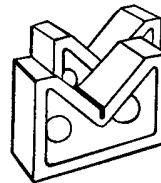
- Made from high quality tool steel.
- Squares have true right angles inside & outside.
- Beams & blades are precision ground.
- Blade is hardened.
- Length of blade is measured from inner edge of beam to end of blade.



BLADE LENGTH	BEAM LENGTH	STOCK #
2"	1-1/2"	TS10153
3"	2-1/2"	TS10154
4"	3"	TS10155
6"	4"	TS10156
9"	6"	TS10157
12"	8"	TS10158

• 1 per pack

CAST IRON VEE BLOCKS

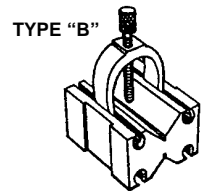
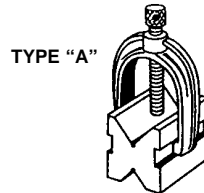


- All sets are matched and numbered.
- 90° Vee in center is true.
- Accurately machined square and parallel.
- Ideal for holding round and irregular shaped parts in drilling, machining, inspection, etc.
- High quality cast iron, stress relieved.
- Includes fitted case.

WIDTH	LENGTH	HEIGHT	THICKNESS	STOCK #
3"	1-3/4"	2-3/8"	1-5/16"	VB67633
4"	2-1/4"	2-5/8"	1-5/8"	VB67634
5"	2-1/2"	3-1/8"	2"	VB67635
6"	3-1/8"	3-1/2"	2-1/2"	VB67636
7"	3-1/2"	4-1/2"	3"	VB67637
8"	4"	5-1/2"	4"	VB67638

• 1 pair per pack

VEE BLOCKS WITH CLAMPS



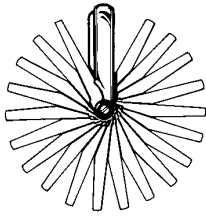
- Made of chrome steel hardened and ground.
- All sides ground square and parallel to each other.
- Models are designed so that the clamps do not protrude over the sides; thus the tool can be used on its sides.
- Sturdy and accurate for use in machining operations, and layouts and surface plate work.
- Matching accuracy 0.0002".
- 90° V's are ground central, parallel, and square to the ends.
- Precision ground, matched pairs.

TYPE	CAPACITY	DIMENSIONS	STOCK #
A	1"	1-3/8 x 1 - 5/8 x 1 - 3/4"	VB67621
A	1-1/2"	1-5/8 x 1 - 3/4 x 2 - 3/4"	VB67622
B	1-1/2"	1-3/4 x 2 - 1/2 x 2 - 3/4"	VB67623
B	2-1/8"	2-3/4" x 3 - 1/2 x 4 - 7/8"	VB67624

• 1 pair per pack

GAGES

FEELER GAGES



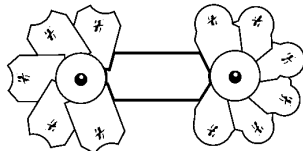
NEW

- Hardened and ground blades.
- Lock-nut securely holds one or more blades in any desired position.
- Blades easily removed / replaced.

NO. OF BLADES	BLADE LENGTH	THICKNESS RANGE	STOCK #
26	3"	Straight blade, 1/2" wide at tip .002 - .025 x .001, plus .0015	FG1
26	3"	Tapered blade, 1/4" wide at tip .002 - .025 x .001, plus .015	FG2

• 1 per pack

RADIUS GAGE SETS



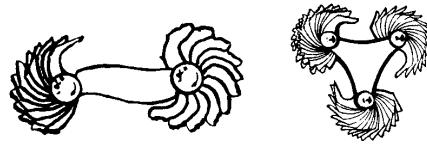
NEW

- Used for measuring concave and convex surfaces.
- Each gage has concave and convex radii.
- Size stamped on each leaf.
- Any of the leaves can be securely locked in desired position by locking screw.
- Burr-free smooth radius throughout.

NO. OF BLADES	RADIUS RANGE	STOCK #
16	1/32" to 17/64" by 64ths	RG1
16	9/32" to 33/64" by 64ths	RG2
30	1/32" to 1/4" by 64ths	RG3
32	17/64" to 1/2" by 64ths	RG4

• 1 per pack

THREAD PITCH GAGES



- Blades are of a narrow leaf design to permit their use in determining pitch for inside as well as outside screw threads.
- Each blade marked with proper thread size.
- Locking device at each end.

NO. OF BLADES	TPI RANGE	STOCK #
51	4 - 84	TPG63041
28	4 - 80	TPG63042
22	9 - 40	TPG63043
28	0.25 - 2.50 mm	TPG63044

• 1 per pack

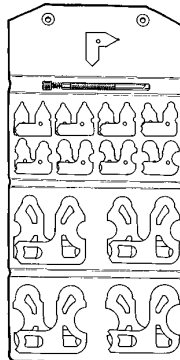
Pitch Gage Range

Unified 60°	51 Blades included: 4, 4-1/2, 5, 5-1/2, 6, 7, 8, 9, 10, 11, 11-1/2, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82 and 84
Unified 60°	28 Blades included: 4, 4-1/2, 5, 6, 7, 8, 9, 10, 11, 11-1/2, 12, 13, 14, 16, 18, 20, 24, 27, 28, 32, 36, 40, 44, 48, 56, 64, 72, and 80
Unified 60°	22 Blades included: 9, 10, 11, 11-1/2, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38 and 40
Metric Gauge	28 Blades included: .25, .30, .35, .40, .45, .50, .55, .60, .65, .70, .75, .80, .85, .90, 1.00, 1.10, 1.20, 1.25, 1.30, 1.40, 1.50, 1.60, 1.70, 1.75, 1.80, 1.90, 2.00 and 2.50

RADIUS GAGE BLADE SETS WITH HOLDER

NEW

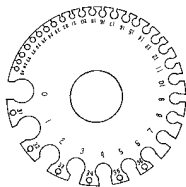
- Each gage marked with size.
- Each gage has 5 measuring surfaces for convex and concave radii.



NO. OF BLADES	DESCRIPTION	STOCK #
8	9/16" to 1" by 16ths	RG5
25	1/64" to 17/64" by 64ths 9/32" to 1/2" by 32nds	RG6
26 Metric	0.5mm - 13mm by 0.5mm	RG7
25	.010 - .100 by .050 .120 - .220 by .20 .240 - .500 by .50	RG8

• 1 per pack

SHEET METAL & WIRE GAGE



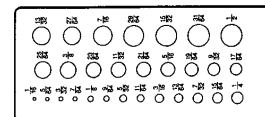
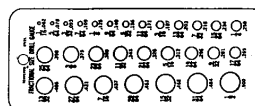
NEW

- For quick and accurate checking of rod and wire sizes.
- Made of high quality steel.
- Satin chrome finish.

SIZES	STOCK #
For non ferrous wires, sheets, i.e: Aluminum, Brass, etc.	SMG1
For steel and iron plates, wrought iron, etc.	SMG2

• 1 per pack

DRILL GAGES



- Drill gages made of high quality steel and finished.
- Offer a quick and accurate checking of drill and rod sizes.

SIZES	STOCK #
Fractional Sizes 1/16" to 1/2" by 64ths	DG63051
Fractional Sizes 1/2" to 1" by 64ths	DG63056
Number Sizes #1 - #60	DG63052
Number Sizes #61 - #80	DG63053
Letter Sizes A - Z	DG63054
Metric Sizes 1mm - 13mm x 0.5mm	DG63055

