

DIAL CALIPERS

PRECISION DIAL CALIPERS

Series 3202



- Sharp, clear dial graduations of 0.001"
- 1" per revolution
- Thumb-operated fine adjustment roll
- Sharp, black graduations on the satin finished bar, every .1"
- Hardened stainless steel bar, measuring surfaces, rack, gears, and depth rod
- Positive, spring-loaded double pinion anti-backlash control
- Lock screws for sliding jaw and dial bezel
- Knife-edge contacts
- Adjustable bezel
- 0-6", 0-8" and 0-12" sizes available



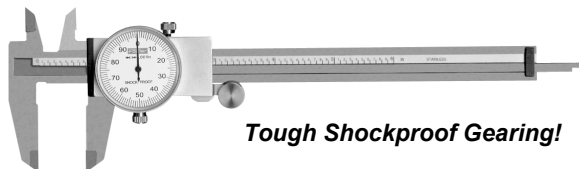
Range	Model	Part Number	Price
0-6"	3202-6	STR-61467	\$102.00
0-8"	3202-8	STR-61468	\$147.00
0-12"	3202-12	STR-61466	\$214.00

DIAL CALIPERS

Machinist Grade



C



Tough Shockproof Gearing!

- 4-way jaws
- Stainless steel construction
- Silky smooth movement throughout
- .100" range per revolution
- .001" reading dial face
- Supplied in molded case

Range	Face	Accuracy	Part Number	Price
0-6"	White	+/-0.001"	FOW-52-008-706	\$60.00
0-6"	Black	+/-0.001"	FOW-52-008-707	\$60.00
0-8"	White	+/-0.0015"	FOW-52-008-708	\$78.00

0-6" DIAL CALIPERS



C



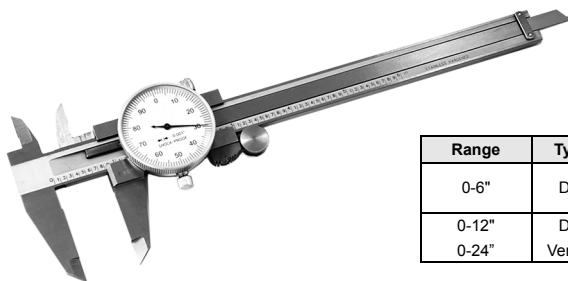
Supplied With Shop-Hardened Case

- Thumbroll for rapid setting
- Beam graduations: .100"
- 4-way jaw for outside, inside, depth and step measurements
- Hardened stainless steel throughout with measuring faces precision ground and microlapped for exceptional accuracy
- Knurled lock assures precise settings
- Adjustable dial
- Scale surface is satin chrome finished to prevent glare, reduces operator fatigue; microfine graduations read in inches

Range	Grad.	Face	Part Number	Price
0-6"	0.001"	White	FOW-52-008-007	\$85.00
0-6"	0.001"	Black	FOW-52-008-005	\$85.00

ECONOMY DIAL CALIPERS

- Standard Rack Dial Caliper
- Covered rack for longer life and chip free operation
- 4-way measurement for outside, inside, depth and step
- Adjustable dial for easy reading
- Meets DIN 862
- Positive lock
- 4-way measurements including inside, outside, depth and step
- .001" accuracy
- .100" per revolution
- Decimal to fraction conversion chart on back of caliper
- Lock screw for knurled dial (1-1/2") bezel
- Supplied in a fitted case



Range	Type	Face	Part Number	Price
0-6"	Dial	White	CAL-600	\$35.00
		Black	A-4100-0201	\$35.00
0-12"	Dial	White	CAL-1200	\$95.00
0-24"	Vernier	n/a	CAL-2400	\$99.00

PRECISION DIAL CALIPERS

Series 120A

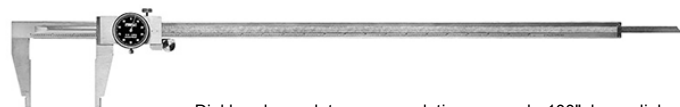


- Sharp, clear dial graduations of .001" or 0.02mm - .100" or 2mm in one revolution
- Knife-edge contacts for both inside and outside measurements
- One hand use with the thumb-operated, fine adjustment roll
- Lock screw for holding sliding jaw in position
- Hardened stainless steel bar, measuring surfaces, rack, gears and depth rod
- Positive, split-gear anti-backlash control
- Includes case

Range	Model	Face Color	Part Number	Price
0-6"	120A-6	White	STR-64514	\$203.00
0-6"	B120A-6	Black	STR-64515	\$207.00
0-9"	120AZ-9	White	STR-64520	\$381.00
0-12"	120Z-12	White	STR-56693	\$415.00

EXTENDED RANGE DIAL CALIPERS

18" & 24"



- Dial hand completes one revolution per each .100", large dial with easy to read graduations
- Inverted covered rack prevents dirt accumulation in rack gear teeth. Self-contained movement eliminates gear misalignment
- Exclusive dual pinion drive mechanism reduces wear on rack and pinion
- Beam graduated in .100" increments
- Thumbroll for rapid setting
- Hardened stainless steel throughout with measuring faces precision ground and microlapped for exceptional accuracy
- Depth rod on both models
- Knurled lock assures precise settings
- Adjustable dial reads directly to .001"

Range	Grad	Jaw Depth	Part Number	Price
0-18"	0.001"	3.125"	FOW-52-008-018	\$155.00
0-24"	0.001"	3.375"	FOW-52-008-024	\$235.00

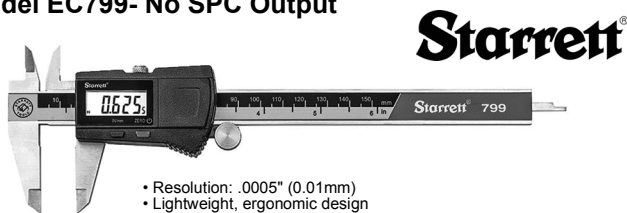
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ELECTRONIC CALIPERS

A

ELECTRONIC DIGITAL CALIPER

Model EC799- No SPC Output



- Resolution: .0005" (0.01mm)
- Lightweight, ergonomic design
- Inch/millimeter conversion reads .0005" or 0.01mm
- Easy access to the single long-life battery
- Last measuring position retained when shut off
- Hardened stainless measuring surfaces for long life
- Fine adjustment thumb wheel
- Lock screw to hold the slide in position
- Zero at any position
- Protective fitted case included

Range	Model	Part Number	Price
6" (0-150mm)	EC799A-6	STR-00142	\$158.00
8" (0-200mm)	EC799A-8/200	STR-00145	\$222.00
12" (0-300mm)	EC799A-12/300	STR-00148	\$332.00

ULTRA-CAL V ELECTRONIC CALIPERS

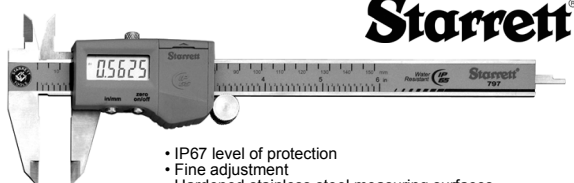


- 4-way measurement, inside, outside, depth and step on 6" & 8" models
- Direct inch/metric conversion
- Hardened stainless steel construction
- Direct RS-232 output
- Zero setting
- REL and ABS functions
- Features Absolute/Relative measuring modes
- Hold function
- Thumbroll (6" model only)

Range	Accuracy	Resolution	Part Number	Price
0-6"	.0008"	0.0005"	FOW-54-100-0671	\$160.00
0-8"	.0012"	0.0005"	FOW-54-100-0681	\$365.00
0-12"	.0012"	0.0005"	FOW-54-100-0691	\$475.00

ELECTRONIC DIGITAL CALIPER

Model 798B- IP 65

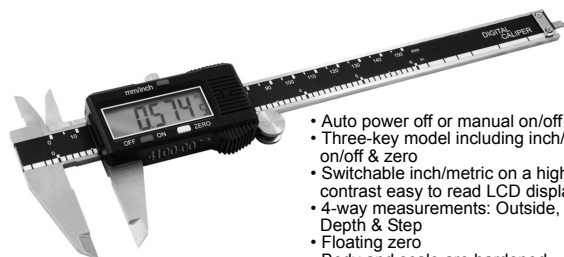


- IP67 level of protection
- Fine adjustment
- Hardened stainless steel measuring surfaces
- Large, easy-to-read, high contrast LCD digital readout
- Induction type linear encoder system
- RS232 output
- Heavy-duty bar and slide with slide lock
- One 3-volt battery for over one year of normal usage
- In/mm conversion
- Zero at any position
- Auto-Off after 30 minutes
- Reactivation of display with no loss of position



Range	Model	Part Number	Price
6" (0-150mm)	798B-6/150	STR-12521	\$256.00
8" (0-200mm)	798B-8/200	STR-12523	\$316.00
12" (0-300mm)	798B-12/300	STR-12525	\$461.00

ELECTRONIC CALIPERS



- Auto power off or manual on/off key
- Three-key model including inch/mm, on/off & zero
- Switchable inch/metric on a high contrast easy to read LCD display
- 4-way measurements: Outside, Inside, Depth & Step
- Floating zero
- Body and scale are hardened stainless steel
- Zero setting

Range	Resolution	Part Number	Price
0-6"	.0005"	A-4100-0030	\$28.00
0-8"	.0005"	A-4100-0031	\$37.00
0-12"	.0005"	A-4100-0032	\$65.00
Replacement Battery			A-4102-0030 \$3.25

ECONOMY DIGITAL CALIPERS

Absolute Reading!

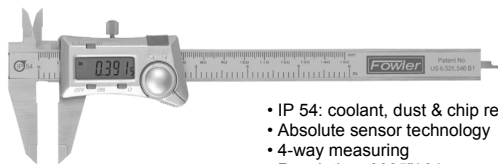


- Absolute sensor technology
- Direct inch/metric conversion
- Resolution: .0005"/.01mm
- Large easy-to-read LCD display
- Includes shop hardened case

Range	Accuracy	Part Number	Price
0-4"	.001"/.02mm	FOW-54-1000042	\$70.00
0-6"	.001"/.02mm	FOW-54-1000002	\$82.00
0-8"	.0015"/.03mm	FOW-54-1000082	\$110.00
0-12"	.0015"/.03mm	FOW-54-1001122	\$125.00
Replacement Battery			FOW-54-902-110 \$6.50

IP54 DIGITAL CALIPER

Coolant Resistant

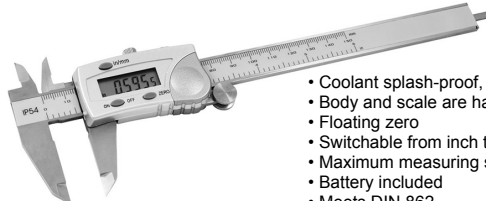


- IP 54: coolant, dust & chip resistant
- Absolute sensor technology
- 4-way measuring
- Resolution: .0005"/.01mm
- Stainless steel frame

Range	Accuracy	Part Number	Price
0-6"	.001"/.02mm	FOW-54-1007772	\$90.00
0-12"	0.0015"/.04mm	FOW-54-100-7122	\$120.00
Replacement Battery			FOW-54-902-110 \$6.50

IP54 DIGITAL CALIPER

Coolant Resistant • SPC-RS232



- Coolant splash-proof, dust-proof and chip-proof
- Body and scale are hardened stainless steel
- Floating zero
- Switchable from inch to mm
- Maximum measuring speed is 3.0m/s
- Battery included
- Meets DIN 862
- Accuracy is 0.001"/0.02mm

Range	Resolution	Part Number	Price
0-6"	.0005"	0.001"/.02mm	A-4109-0036 \$69.00
0-8"	.0005"	0.001"/.02mm	A-4109-0037 \$99.00
0-12"	.0005"	0.001"/.02mm	A-4109-0038 \$120.00

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439

LATHE CHUCKS
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COLLET HOLDERS

TAP HOLDERS
DRILL CHUCKS

CARBIDE INSERTS
THREADING/GROOVING

CUTTING TOOLS
MACHINERY

PRECISION TOOLS
DEBURRING

COOLANT/FLUIDS
TOOL STORAGE

MICROMETERS

OUTSIDE MICROMETERS



- .0001" reading
- Ratchet thimble and locking nut
- Carbide measuring faces
- Microfine graduations
- Meets or exceeds federal accuracy specs
- Sizes over 1" include standard

Range	Part Number	Price
0 - 1"	FOW-52-229-201	\$40.00
1 - 2"	FOW-52-229-202	\$47.00
2 - 3"	FOW-52-229-203	\$58.00
3 - 4"	FOW-52-229-204	\$66.00

DIGIT COUNTER MICROMETERS

.0001/.001" GRADUATION

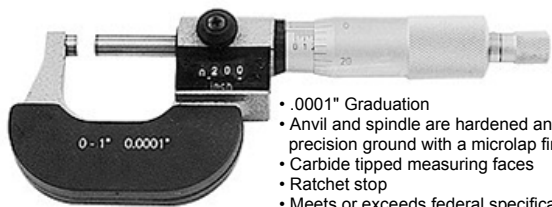
- .001" is read directly from the counter.
- .0001" is read from the vernier scale on the micrometer sleeve
- Steel measuring face
- Ratchet stop and lock nut
- Balanced frame design for comfortable, accurate measuring
- Extremely hard and stable one-piece spindle
- Micro-lapped anvil and spindle faces



Starrett

Range	Graduation	Model	Part Number	Price
0-1"	.001"	216RL-1	STR-55953	\$264.00
1-2"	.001"	216RL-2	STR-56153	\$322.00
2-3"	.001"	216RL-3	STR-56205	\$364.00
3-4"	.001"	216RL-4	STR-56208	\$408.00
4-5"	.001"	216RL-5	STR-63470	\$568.00
5-6"	.001"	216RL-6	STR-63471	\$576.00

DIGIT COUNTER MICROMETERS



- .0001" Graduation
- Anvil and spindle are hardened and precision ground with a microlap finish
- Carbide tipped measuring faces
- Ratchet stop
- Meets or exceeds federal specifications
- Standards included

Range	Grad.	Part Number	Price
0-1"	.0001"	MICDG-1	\$57.00
1-2"	.0001"	MICDG-2	\$59.00
2-3"	.0001"	MICDG-3	\$60.00
3-4"	.0001"	MICDG-4	\$81.00

OUTSIDE MICROMETERS

Solid Metal Frame



- Hardened and precision ground anvil spindle thread with microlap finish on ends
- Positive locking clamp with ratchet stop
- Solid Mitutoyo® style metal C-shape frame
- Carbide tipped face
- Meets or exceeds federal specifications
- Supplied with standards and a fitted case



Buy The Set & Save!

Range	Grad.	Part Number	Price
0-1"	.0001"	A-4200-0150	\$26.00
1-2"	.0001"	A-4200-0152	\$30.00
2-3"	.0001"	A-4200-0153	\$34.00
3-4"	.0001"	A-4200-0154	\$36.00
4-5"	.0001"	A-4200-0155	\$42.00
0-3" Set (3 pcs)		A-4200-0165	\$81.00
0-4" Set (4 pcs)		A-4200-0164	\$121.00

OUTSIDE MICROMETERS



- Hardened and ground anvil spindle thread with microlap finish on ends
- Meets or exceeds federal specifications
- Micro fine graduations
- Spindle lock
- Carbide faces
- Ratchet stop
- Standards included

Range	Grad.	Part Number	Price
0-1"	.0001"	MIC-1/C	\$25.00
1-2"	.0001"	MIC-2/C	\$28.00
2-3"	.0001"	MIC-3/C	\$31.00
3 Piece Set		A-4200-0010	\$75.00

DIGIT COUNTER MICROMETERS



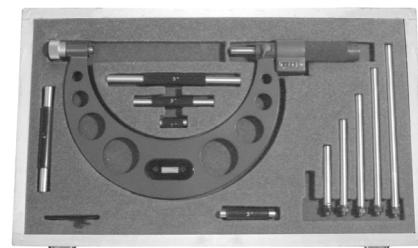
- Digital counter reads to 0.001"
- Resolution: .0001" (using vernier)
- Microfine graduations on satin chrome
- Carbide tipped measuring faces
- Positive locking nut on spindle
- Sizes over 1" include standard

Range	Part Number	Price
0-1"	FOW-52-224-001	\$79.00
1-2"	FOW-52-224-002	\$83.00
2-3"	FOW-52-224-003	\$95.00
3-4"	FOW-52-224-004	\$104.00
0-3" Set	FOW-52-224-103	\$251.00
0-4" Set	FOW-52-224-104	\$356.00

INTERCHANGEABLE ANVIL MICROMETER SETS



- Blue baked enamel frame
- Spindle and thread are hardened & ground
- Standards included with each set
- Supplied with 6 anvils
- Complete in case



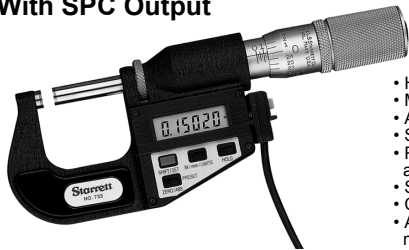
Range	Grad.	Accuracy	Part Number	Price
0-6"	0.0001"	0.00024"	FOW-52-401-2211	\$185.00
6-12"	0.0001"	0.00024"	FOW-52-401-2221	\$269.00

Call Us Today For All Of Your Machine Tool Needs!

DIGITAL MICROMETERS

DIGITAL ELECTRONIC MICROMETERS

With SPC Output



Starrett®

- High contrast LCD digital readout
- Measurement hold button
- Accuracy: +/- .0001"
- SPC Output
- Ring-type knurled lock nut for quick and sure locking
- Smooth friction thimble
- Carbide measuring faces
- Automatic OFF after 30 minutes of non-use

Range	Resolution	Model	Part Number	Price
0-1"/0-25mm	.00005"	733XFL-1	STR-64239	\$340.00
1-2"/25-50mm	.00005"	733XFLZ-2	STR-64241	\$410.00
2-3"/50-75mm	.00005"	733XFLZ-3	STR-64242	\$502.00
3-4"/75-100mm	.00005"	733XFLZ-4	STR-64243	\$541.00
4-5"/100-125mm	.0001"	733XFLZ-5	STR-64244	\$624.00

ELECTRONIC MICROMETERS

Fowler®



XTRA-VALUE

- Accuracy: +/- .00016"
- Carbide measuring faces
- Resolution: .00005"/.001mm
- Absolute and incremental modes
- IP40-dust resistant
- Ratchet thimble
- FREE ball attachment included

Supplied With Shop-Hardened Case!

Description	Range	Part Number	Price
IP 40 Electronic Micrometer	0-1"	FOW-54-870-001	\$72.00
	1-2"	FOW-54-870-002	\$79.00
	2-3"	FOW-54-870-003	\$88.00
Replacement Battery		FOW-54-100-350	\$6.00

ELECTRONIC MICROMETERS

IP 54 Coolant & Fluid Resistant

Fowler®



- IP 54 specifications
- Automatic switch off
- Absolute & incremental modes
- Resolution: .00005"/.001mm
- Accuracy: +/-0.00016"
- Large LCD display
- Carbide measuring faces
- FREE ball attachment included



Range	Part Number	Price
0-1" / 0-25 mm	FOW-54-860-0011	\$95.00
1-2" / 25mm-50mm	FOW-54-860-0021	\$109.00
2-3" / 50mm-75mm	FOW-54-860-0031	\$119.00

DIGIMATIC MICROMETERS

Series 293 MDC-Lite

Mitutoyo



Supplied In Fitted Plastic Case

- Resolution: .00005"/0.001mm
- Provided only with a zero set and inch/metric keys
- Slim design for easy access to the stepped feature
- Ratchet stop or friction thimble for constant measuring
- Measurement readout with large characters on LCD screen
- No spindle clamp or data output

Range	Description	Part Number	Price
0-1" (0-25mm)	Friction Thimble	MIT-293-832	\$120.00
	Ratchet Stop	MIT-293-831	\$130.00

ELECTRONIC MICROMETER

Pro-Series

ISO INTERNATIONAL SELECT QUALITY



- 0-1"/0-25mm Electronic Micrometer
- Graduation is .00005"/.001mm
- Extra large characters on an LCD display
- Measuring faces are carbide-tipped
- Spindle lock
- Two keys with multiple functions that include on/off, Datum set, Inch/mm, Zero reset, and absolute and relative mode
- Complete with fitted case

0-1" Micrometer

Part # A-4209-0001

\$79.00 ea

Replacement Battery

Part # A-4102-0032 \$3.00 ea

ELECTRONIC MICROMETERS

Quick-Displacement

Fowler®



World's Finest Micrometer!

- Position recall
- IP67 specifications
- Delrin quick displacement thimble
- Adjustable measuring force, 5N/10N
- Menu customizable with free software
- Non-rotating spindle, 10mm rotation
- USB output
- Carbide anvils

Range	Max Error	Part Number	Price
0-1.18"	0.00012"	FOW-54-815-030	\$435.00
1.18"-2.6"	0.00016"	FOW-54-815-060	\$710.00
2.6"-4.0"	0-00020"	FOW-54-815-100	\$960.00

IP67 ELECTRONIC MICROMETERS

- Resolution: .00005" (0.001mm)
- Large, easy-to-read LCD readout
- IP67 level of protection against coolant, water, dirt and dust
- RS232 output
- Automatic OFF
- Smooth friction thimble for uniform pressure with ratchet stop
- Zero tool at any position-retain and return to true zero
- Accuracies: Inch: +/- .0001", Metric: +/- .002mm



Starrett®

Range	Series	Description	Part Number	Price
0-1" (0-25mm)	795	IP67 with Output	STR-01100	\$277.00
	796	IP67, No Output	STR-01104	\$210.00
1-2" (25-50mm)	795	IP67 with Output	STR-01101	\$318.00
	796	IP67, No Output	STR-01105	\$279.00

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LATHE CHUCKS
LIVE CENTERS

WISE JAWS
WISE ACCESSORIES

STRAIGHT SHANK
COLLET HOLDERS

TAP HOLDERS
DRILL CHUCKS

CARBIDE INSERTS
THREADING/GROOVING

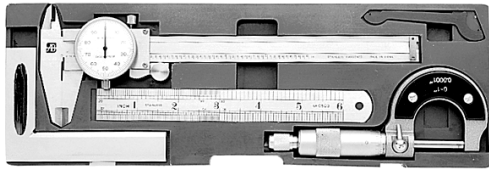
CUTTING TOOLS
MACHINERY

PRECISION TOOLS
DEBRUING

COOLANT/FLUIDS
TOOL STORAGE

MICROMETERS/MEASURING SETS

4 PIECE STUDENT KIT



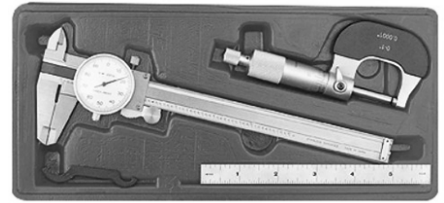
- **6" Dial Caliper**- 0.001" graduation, 4-way measurement, shockproof with large dial face
- **0-1" Outside Micrometer**- 0.0001" graduation, carbide tipped, ratchet stop, lock nut
- **4" Bevel Square**- Beam size 2-3/4", ground and lapped accuracy for straightness, parallelism and at right angles
- **6" Flex Ruler**- 4R graduation, satin chrome finish, stainless steel



4 Pc Student Kit
Part #A-4902-0004

\$69.00

3 PIECE STUDENT KIT



6" Flex Ruler:

- 4R graduation
- Stainless steel
- Satin chrome finish
- 0-1" Micrometer
- 0.0001" graduation
- Ratchet stop
- Carbide tipped

0-6" Dial Caliper:

- 0.001" graduation
- 4 way measurement
- Shock resistant
- Stainless steel

3 Pc Student Kit
Part #A-4902-0004

\$59.00

DIGIT COUNTER DEPTH MICROMETER



- Range: 0-6"
- Easy-to-read digit counter
- .001" graduation
- 4" base, hardened and ground
- Satin chrome finish
- Ratchet thimble
- Locking clamp
- Furnished with shop hardened case



Range	Base	Part Number	Price
0-6"	4"	FOW-52-225-226	\$155.00

ELECTRONIC DEPTH MICROMETER

IP54 Water, Fluid & Oil Resistant



- Range: 0-6"/150mm
- 4" Base: Hardened tool steel, precision ground & microlapped
- Protected to IP54 Standards
- Resolution: .00005"/.001mm
- Automatic switch off
- Large LCD display

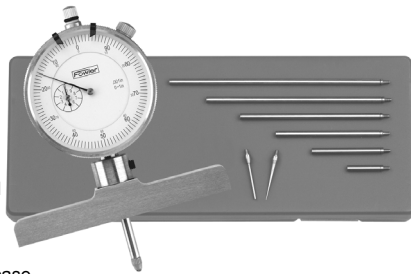


Range	Part Number	Price
0-6"/150mm	FOW-54-225-456	\$175.00

0-22" DEPTH GAGE



- Range 0-22"
- Carbide contact point
- Includes 2 extra points for small hole applications; one 0.078" dia. x 1" long and one needle point x 1" long
- 0-1" travel indicator
- .001" graduations
- Rods connect together for full 22" capacity
- Satin chrome finish
- Base size: 4"
- Complete in shop hardened case.



Description	Part Number	Price
X-Depth 22 Dial Depth Gage	FOW-52-1250061	\$135.00

ECONOMY DEPTH MICROMETERS



- 0.001" Graduation
- Interchangeable rods are fitted to the micrometer spindle against a positive stop and locked
- Base surface hardened & lapped
- Ratchet stop for consistent and repetitive measurements
- Satin chrome non-glare finish

Range	Base	No. of Rods	Part Number	Price
0-4"	2.5"	4	A-4500-0001	\$88.00
0-4"	4"	4	A-4500-0011	\$87.00
0-6"	4"	6	A-4500-0002	\$87.00

INDICATING MICROMETERS



- Anvil and spindle hardened and precision ground
- Fully insulated frame, satin chrome finish
- Carbide tipped anvil & spindle
- Retracting button conveniently located in relation to operator's hand
- Head graduated .001"
- Flatness: .000012"
- Dial graduated in .00005"
- Diameter of spindle: .256"

Range	Accuracy	Part Number	Price
0-1"	0.00016"	FOW-52-245-501	\$275.00
1-2"	0.00016"	FOW-52-245-502	\$330.00

INSIDE MICROMETER



- Spindle threads are hardened and ground
- Ratchet stop
- Satin chrome finish on barrel and thimble
- Measuring faces are fully hardened and precision ground on a radius for accurate feel without cramping
- .001" graduation
- Supplied in a fitted case

Range	Part Number	Price
.2-1.2"	A-4200-0201	\$69.00
.2-2.2"	A-4200-0202	\$55.00

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CHUCK JAWS
LATHE WORKHOLDING

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RETENTION KNOBS
ER, DA, TG COLLETS

TOOLHOLDERS
TAP HOLDERS

INDEXABLE DRILLS
TURNING & BORING

ENDMILLS, DRILLS
TAPS & REAMERS

ABRASIVES
MEASURING TOOLS

MRO & SAFETY
FLAT STOCK/DRILL ROD