



For more information on Precision Measuring Instruments, see page 2325.



**IP67, Stainless Steel Jaw 4CGL7**



**IP66, Carbon Fiber Jaw Material 4CGN1**



**Long Form Calibration, IP67, Stainless Steel 5UAT8**

## IP66 & IP67 Digital Calipers with SPC Output for Harsh & Washdown Environments

- 0.0005 in / 0.01 mm Resolution
- For SPC processors and accessories, see page 2336



Range	Accuracy	Data Output Type	Measurements	Depth Rod Shape	Included Certification**	Jaw Depth	Jaw Actuation Type	Brand	Item No.
<b>IP67, Carbide-Tipped Jaw Material</b>									
<b>Stainless Steel Caliper Material</b>									
0 in to 6 in, 0 to 150 mm	±0.001 in	Cabled	4-Way	Rectangular	F, A	1 3/64 in	Thumb Wheel	Mitutoyo	36J721
<b>IP67, Stainless Steel Jaw Material</b>									
<b>Stainless Steel Caliper Material</b>									
0 in to 6 in, 0 to 150 mm	±0.03 mm, ±0.001 in	Cabled	4-Way	—	—	1 1/2 in	Thumb Wheel	Starrett	5UAT7
	±0.03 mm, ±0.001 in	Wireless with Transmitter	4-Way	Rectangular	D	1 3/64 in	Thumb Wheel	Mahr	45PG44
	±0.001 in	Cabled	4-Way	Rectangular	F, A	1 3/64 in	Thumb Wheel	Mitutoyo	4CGL7
<b>Stainless Steel Jaw Material</b>									
0 in to 8 in, 0 to 200 mm	±0.03 mm, ±0.001 in	Built-In Wireless	4-Way	Square	A, D	1 3/32 in	Thumb Wheel	Tesa Brown & Sharpe	38P084
<b>IP67, Stainless Steel Jaw Material</b>									
0 in to 8 in, 0 to 200 mm	±0.03 mm, ±0.001 in	Cabled	4-Way	—	—	1 1/2 in	Thumb Wheel	Starrett	5UAT9
	±0.001 in	Cabled	4-Way	Rectangular	F, A	1 3/32 in	Thumb Wheel	Mitutoyo	4CGL8
	±0.001 in	Cabled	Outside, Inside	Rectangular	F	2 3/64 in	Slide	Mitutoyo	33RK79
	±0.03 mm, ±0.001 in	Built-In Wireless	4-Way	Square	A, D	2 3/64 in	Thumb Wheel	Tesa Brown & Sharpe	38P085
	±0.03 mm, ±0.001 in	Cabled	4-Way	—	—	2 1/2 in	Thumb Wheel	Starrett	5UAU1
	±0.0015 in	Cabled	4-Way	Rectangular	F, A	2 3/64 in	Thumb Wheel	Mitutoyo	36J720
	±0.0015 in, ±0.04 mm	Wireless with Transmitter	Outside, Inside, Step	—	D	2 1/2 in	Slide	Mahr	45PG47
0 to 200 mm	±0.02 mm	Cabled	4-Way	Rectangular	A	1 3/32 in	Thumb Wheel	Mitutoyo	33RK78
<b>Steel Jaw Material</b>									
<b>Steel Caliper Material</b>									
0 in to 6 in, 0 to 150 mm	±0.25 mm, ±0.001 in	Cabled, Built-In Wireless	4-Way	Rectangular	—	1 1/2 in	Slide	Tesa Brown & Sharpe	38P082
<b>IP66, Carbon Fiber Jaw Material</b>									
<b>Carbon Fiber Caliper Material</b>									
0 in to 18 in, 0 to 450 mm	±0.002 in	Cabled	Inside	—	—	3 15/16 in	Slide	Mitutoyo	4CGN1
0 in to 24 in, 0 to 600 mm	±0.002 in	Cabled	Inside	—	—	3 15/16 in	Slide	Mitutoyo	4CGN2
0 in to 40 in, 0 to 1,000 mm	±0.002 in	Cabled	Inside	—	—	5 7/8 in	Slide	Mitutoyo	4CGN3
0 in to 60 in, 0 to 1,500 mm	±0.004 in	Cabled	Outside, Inside	—	—	5 7/8 in	Slide	Mitutoyo	4CGN4
<b>Long Form Calibration Certificate: Yes, IP67, Stainless Steel Jaw Material</b>									
<b>Stainless Steel Caliper Material</b>									
0 in to 6 in, 0 to 150 mm	±0.03 mm, ±0.001 in	Cabled	4-Way	—	C	1 1/2 in	Thumb Wheel	Starrett	5UAT8
	±0.001 in	Cabled	4-Way	Rectangular	F, C	1 3/64 in	Thumb Wheel	Mitutoyo	36J727
0 in to 8 in, 0 to 200 mm	—	Cabled	4-Way	—	C	1 1/2 in	Thumb Wheel	Starrett	5UAU0
	±0.03 mm, ±0.001 in	Cabled	4-Way	—	C	2 1/2 in	Thumb Wheel	Starrett	5UAU2
	±0.0015 in	Cabled	4-Way	Rectangular	F, C	2 3/64 in	Thumb Wheel	Mitutoyo	41T269

\*\*A=Certificate of Inspection, C=Long Form Calibration Certificate Traceable to NIST, D= Certificate of Conformance, F=TUV Rheinland Certification



**Inside Groove 408P10**



**Inside Point 54GE93**



**RTJ Ring 408P15**

**Starrett** **Mitutoyo**

## Digital Calipers for Inside Groove and RTJ Groove Diameters

- SPC Output
- 0.005 in/0.01 mm Resolution
- Steel jaw and body
- For SPC processors and accessories see page 2336

adjustable contact points for measuring narrow inside grooves. **RTJ (ring-type joint) calipers** have one set of jaws with small, 23° angled contact points that are inserted into RTG grooves to measure outer edge-to-outer edge or inner edge-to-inner edge.

**Digital calipers for inside groove diameters** have specialty jaws that project straight and parallel to each other with outward-facing

Range	Accuracy	Data Output Type	Jaw Depth	Brand	Item No.
<b>Inside Groove Digital Caliper</b>					
0 in to 14 in, 0 to 350 mm	+/-0.002 in, +/-0.05 mm	Cable	3 15/16 in	Starrett	5UAH7
0.35 in to 6 in, 9 to 150 mm (Upper Jaw), 0.59 in to 6 in, 15 to 150 mm (Lower Jaw)	+/-0.0016 in	Cable	2 3/4 in	Insize	408P10
0.43 in to 6 in, 11 to 150 mm	+/-0.0016 in	Cable	1 3/8 in	Insize	408P55
1 in to 6 in, 25 to 150 mm	+/-0.0016 in	Cable	1 3/8 in	Insize	408N53
1 in to 8 in, 25 to 200 mm	+/-0.0016 in	Cable	1 3/64 in	Insize	408N54
1.18 in to 12 in, 25 to 300 mm	+/-0.0020 in	Cable	4 1/2 in	Insize	408P13
1.2 in to 12 in, 30 to 300 mm	+/-0.0020 in	Cable	1 3/32 in	Insize	408N55
<b>Inside Point Digital Caliper</b>					
0.9 in to 6 in, 24 to 150 mm	+/-0.0016 in	Cable	1 11/64 in	Insize	408N56
1 in to 8 in, 25 to 200 mm	+/-0.0016 in	Cable	1 3/64 in	Insize	408N57
2 in to 12 in, 50 to 300 mm	+/-0.0024 in	Cable	3 9/64 in	Insize	408N58
<b>IP67 Rated</b>					
0.80 in to 6 in, 20 to 150 mm	+/-0.0015 in	Cable	1 5/8 in	Mitutoyo	54GE93
<b>RTJ Ring Groove Digital Caliper</b>					
0.4 in to 24 in, 10 to 600 mm (Inside Dia.), 1 in to 24 in, 25 to 600 mm (Outside Dia.)	+/-0.0028 in	Cable	1 5/8 in	Insize	408P15
1 in to 12 in, 25 to 300 mm (Outside Dia.), Inside Dia: 0.4 to 12 in, 10 to 300 mm (Inside Dia.)	+/-0.0024 in	Cable	2 1/2 in	Insize	408P14