

Item Νn

3YWH2

54GX50

49U606 49U608 4CGJ2

4CGJ3 4CGJ5 4LA83

27UF2

4KU74 4KU75 5RCG4

3D7R2

4KU73 1ZRR9

6XU79

4LA85

408P47

5RHK3

2ZUE9

16X243

IP Rating

IP rating indicates the level of protection an instrument offers against water, coolants and fluids, dust, and the elements

IP54-rated tools withstand splashes of water and are safe from particles, debris, and dust.

IP65-rated tools withstand iets of water and provide protection against metalworking fluids, coolants, and dust.

IP66-rated tools are dust-tight and withstand water projected from powerful jets

IP67-rated tools are the best choice for washdown enviornments or where tools are exposed to seawater, coolants, or cutting fluids.

Precision Measuring Information

Resolution—Refers to the smallest visible CALIPER TIP TYPES change in measurment.

Long Form Calibration Certificate—A long-form calibration certificate is issued with insturments that meet standards of accuracy and repeatability set by NIST (National Insitute of Standards and Technology).

SPC Output—An insturment with SPC Output is capable of transmitting measurments via a cabled or wireless connecton to a computer, mini-processor, or other compatible device.

Carbide-Tipped and Ceramic—Carbide-tipped measuring faces are harder than standard steel. Carbide tips provide more reliable readings, but may chip easier than other materials. Ceramic-tipped jaw faces are wear-resistant, nonmagnetic, and nonconductive.

Carbon Fiber and Plastic-Carbon fiber is used in the construction of long-range calipers. It is lightweight and allows tools to be used across a broad range of measurments. Plastic is nonmagnetic, nonconductive, and typically used in lab applications.

Stainless Steel and Steel-Stainless steel is the most commonly used material in the construction of calipers. It is strong, durable, and rust- and corrosion- resistant. Hardened steel is harder and more wear-resistant than stainless steel.

Plastic Jav **3YWH2**



Stainless Steel 408P47



GENERAL®)





Mitutoyo

Starrett

WESTWARD



Dial **Calipers**

Easier to read than vernier calipers and are commonly used in light and heavy manufacturing, production and machine and woodworking shops.

	Dial	Range per		Dial	Jaw		1 /	
Accuracy	Graduation	Revolution	Measurements	Color	Actuation Type	Jaw Depth	Jaw Shape	Brand
Plastic Jaw N					•	•	•	
0 to 150 mm l	Range							
+/-0.03 mm	0.1 mm	10 mm	4-Way	White	Thumb Wheel	1.5 in	Standard Blade Nibs For Inside/Outside Measurement	General
0 in to 6 in Ra	inge							
+/-0.001 in	0.001 in	0.1 in	4-Way	Black	Thumb Wheel	1.1875 in	Standard Blade Nibs For Inside/Outside Measurement	General
Stainless Ste	el Jaw Materia							
0 in to 6 in Ra								
+/-0.0008 in	0.001 in	0.1 in	4-Way	White	Slide	1.5625 in		Tesa Brown & Sh
	0.001 in	0.1 in	4-Way	Black	Slide	1.5625 in	_	Tesa Brown & Sh
	0.001 in	0.1 in	4-Way	Purple	Thumb Wheel	40 mm	_	Mitutoyo
	0.001 in	0.1 in	4-Way	Green	Thumb Wheel	40 mm		Mitutoyo
	0.001 in	0.1 in	4-Way	Orange	Thumb Wheel	40 mm	Standard Blade Nibs For	Mitutoyo
	0.001 in	0.1 in	4-Way	White	Thumb Wheel	40 mm	Inside/Outside Measurement	Mitutoyo
	0.001 in	0.1 in	4-Way	Blue	Thumb Wheel	40 mm		Mitutoyo
	0.001 in	0.1 in	4-Way	White	Thumb Wheel	1.5 in		Starrett
	0.001 in	0.1 in	4-Way	Black	Thumb Wheel	1.5 in		Starrett
	0.001 in	0.1 in	4-Way	White	Thumb Wheel	1.625 in		Westward
0 in to 8 in Ra								
+/-0.001 in	0.001 in	0.1 in	4-Way	White	Thumb Wheel	1.96875 in	Standard Blade Nibs For	Westward
+/-0.002 in	0.001 in	0.1 in	4-Way	White	Thumb Wheel	50 mm	Inside/Outside Measurement	Mitutoyo
0 in to 12 in F	Range							
+/-0.001 in	0.001 in	0.1 in	Inside, Outside, Step	White	Thumb Wheel	2.5 in	Standard Blade Nibs For	Starrett
	0.001 in	0.1 in	4-Way	White	Thumb Wheel	2.4375 in	Inside/Outside Measurement	Westward
+/-0.002 in	0.001 in	0.2 in	4-Way	White	Thumb Wheel	64 mm	- '	Mitutoyo
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Thumb Wheel

Thumb Wheel

Thumb Wheel

Thumb Wheel Thumb Wheel

Thumb Wheel

3.375 in

64 mm

5625 in

1.5 in





0 in to 24 in Range

0 to 150 mm Range 0.01 mm

0.001 in

0.001 in

0.01 mm

0.02 mm

0.02 mm

0.1 in

0.1 in

1 mm

2 mm

0 in to 12 in Range, Long Form Calibration Certificate: Yes

Inside, Outside

4-Way

4-Way

4-Wa

4-Way

4-Way

+/-0.001 in

+/-0.002 in

+/-0.03 mm

+/-0.04 mm

0 to 300 mm Range







2210

Vernier & Compact Slide Calipers

Vernier calipers take inside and outside measurements. Operators read the main and vernier scales and add the values to determine the reading. Compact slide calipers do not have a higher-precision second scale. They are small enough to fit in shop coat pockets. These calipers are commonly graduated with fractions of an inch and often used by woodworkers and for maintenance applications.

Vernier Caliper 408P35



White

White

Yellow

Yellow

Compact Slide 5UAU5

Standard Blade Nibs For

Inside/Outside Measurement

Standard Blade Nibs For

Inside/Outside Measurement

Standard Blade Nibs For

Inside/Outside Measurement

Standard Blade Nibs For Inside/Outside Measurement



Westward

Mitutoyo

Insize

Mahi

Starrett

Mitutoyo

Range	Graduations	Accuracy	Jaw Depth	Brand	No.
Vernier Calipers	uruuuutiono	nounday	ouw Dopin	Diana	140.
Knife-Edge Jaw. Slide Actuation					
0 in to 6 in, 0 mm to 150 mm	0.001 in	/ 0 004 :- / 0 00	1 ¾ in	Westward	4KU77
0 in to 12 in, 0 mm to 300 mm	0.001 in	+/-0.001 in, +/-0.03 mm	2.18 in	Westward	4KU76
Nib-Style Jaw, Fine Adjust Carriage Actuation					
0 in to 24 in, 0 mm to 600 mm	0.001 in, 0.02 mm	+/-0.002 in	3 ¹⁵ / ₁₆ in	Insize	408P39
0 in to 60 in	1/512 in	+/- 0.004 in	7 in	Mitutoyo	54GF65
Standard Jaw, Slide Actuation					
0 in to 8 in, 0 mm to 203.2 mm	0.02 mm	+/-0.001 in (0-4 in),	1 ½ in	Starrett	2ZUF5
0 in to 12 in, 0 mm to 300 mm	0.02 mm	+/-0.0015 in (4+ in)	1 ½ in	Starrett	2ZUF3
Standard Jaw, Thumb Wheel Actuation					
0 in to 5 in, 0 mm to 127 mm	0.1 mm	+/-0.001 in	2 9/16 in	General	54GX52
0 in to 6 in	0.05 mm	+/- 0.0015 in	1 ³⁷ / ₆₄ in	Mitutoyo	4CGN6
0 in to 6 in, 0 mm to 150 mm	0.001 in, 0.02 mm	+/-0.0012 in	1 37/64 in	Insize	408P35
0 in to 8 in, 0 mm to 203.2 mm	0.05 mm	+/-0.03 mm	1 31/32 in	Mitutoyo	4CGN7
Standard Jaw, Thumb Clamp Actuation					
0 in to 6 in, 0 mm to 150 mm	0.02 mm	- +/-0.03 mm	1 37/64 in	Mitutoyo	4CGN8
0 in to 8 in, 0 mm to 203.2 mm	0.02 mm	+/-0.03 11111	1 31/32 in	Mitutoyo	4CGN9
Compact Slide Calipers					
Nib-Style Jaw, Slide Actuation					
0 in to 4 in, 0 mm to 101.6 mm	1/16 in	+/-0.001 in, +/-0.03 mm	3/4 in	General	3YWP8
0 in to 4 ¾ in	1/32 in, 1/64 in	+/-0.003 in	1 % in	Starrett	5UAU5