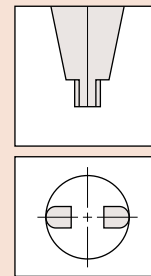
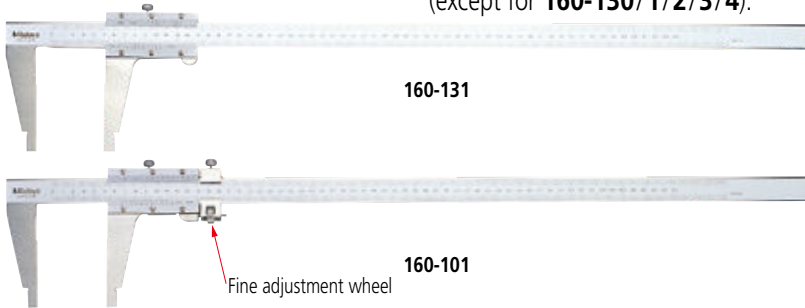


# Calipers

An industry standard measuring tool

## Vernier Caliper SERIES 160 — with Nib Style Jaws and Fine Adjustment

- Inside and outside measurements can be read directly from the upper and lower vernier scales.
- The jaws have radiused measuring faces for accurate inside diameter (ID) measurement.
- With fine adjustment (except for **160-130/1/2/3/4**).



Radiused jaws for accurate ID measurement

### SPECIFICATIONS

**Metric** \_\_\_\_\_ with inside measurement vernier scale

Order No.	Range (mm)*	Accuracy (mm)	Minimum reading (mm)	Remarks
<b>160-130</b>	0 (20.1) - 450	±0.10	0.05	without fine adjustment
<b>160-131</b>	0 (20.1) - 600			
<b>160-132</b>	0 (20.1) - 1000	±0.15		
<b>160-133</b>	0 (20.1) - 1500	±0.22		
<b>160-134</b>	0 (20.1) - 2000	±0.28		

\* ( ) : Minimum dimension in ID measurement

**Metric** \_\_\_\_\_ with inside measurement vernier scale

Order No.	Range (mm)*	Accuracy (mm)	Minimum reading (mm)	Remarks
<b>160-127</b>	0 (10.1) - 300	±0.04	0.02	with fine adjustment
<b>160-128</b>	0 (20.1) - 450	±0.05		
<b>160-101</b>	0 (20.1) - 600	±0.05		
<b>160-104</b>	0 (20.1) - 1000	±0.07		
<b>160-110</b>	0 (20.1) - 1500	±0.1		
<b>160-113</b>	0 (20.1) - 2000	±0.12		

\* ( ) : Minimum dimension in ID measurement

**Metric/Inch** \_\_\_\_\_ with metric/inch double scale

Order No.	Range (mm)*	Accuracy (mm)	Minimum reading	Remarks
<b>160-150</b>	0 (10.1) - 300	±0.04	0.02 mm/0.001 in	+10 mm/0.394 inch to reading in inside measurement
<b>160-151</b>	0 (20.1) - 450	±0.05		
<b>160-153</b>	0 (20.1) - 600	±0.05		
<b>160-155</b>	0 (20.1) - 1000	±0.07		
<b>160-157</b>	0 (20.1) - 1500	±0.1		
<b>160-159</b>	0 (20.1) - 2000	±0.12		

\* ( ) : Minimum dimension in ID measurement

**Inch** \_\_\_\_\_ with inside measurement vernier scale

Order No.	Range (in)*	Accuracy (in)	Minimum reading (in)	Remarks
<b>160-124</b>	0 (0.304) - 12	±0.0015	0.001	—
<b>160-116</b>	0 (0.504) - 18	±0.002		
<b>160-102</b>	0 (0.504) - 24			
<b>160-105</b>	0 (1.004) - 40	±0.003		
<b>160-111</b>	0 (1.004) - 60	±0.004		
<b>160-114</b>	0 (1.004) - 80	±0.005		

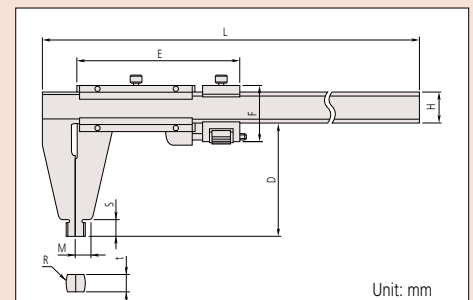
\* ( ) : Minimum dimension in ID measurement

**Inch/Metric** \_\_\_\_\_ with inch/metric double scale

Order No.	Range (in)*	Accuracy (in)	Minimum reading	Remarks
<b>160-125</b>	0 (0.304) - 12	±0.0015	0.001 in/0.02 mm	+0.3 in/7.62 mm to reading in inside measurement
<b>160-119</b>	0 (0.504) - 18	±0.002		
<b>160-103</b>	0 (0.504) - 24	±0.002		
<b>160-106</b>	0 (1.004) - 40	±0.003		
<b>160-112</b>	0 (1.004) - 60	±0.004		
<b>160-115</b>	0 (1.004) - 80	±0.005		

\* ( ) : Minimum dimension in ID measurement

### DIMENSIONS



Unit: mm

Range	D	E	F	H	L	M	R	S	t
0-300 mm/0-12 in	75	103	38	20	445	10	R5	12	3.8
0-450 mm*	100	89	—	25	630	14.8	R10	18	6
0-450 mm/0-18 in		112	51				R10	6	
0-600 mm*	100	89	—	25	780	14.8	R10	18	6
0-600 mm/0-24 in		112	51				R10	6	
0-1000 mm*	140	111	—	32	1240	17	R10	24	8
0-1000 mm/0-40 in		150	62.5				R10	8	
0-1500 mm*	180	129	—	32	1800	19	R10	30	8
0-1500 mm/0-60 in		170	62.5				R10	12	
0-2000 mm*	180	129	—	40	2300	23	R10	30	12
0-2000 mm/0-80 in		180	78				R10	12	

\* Without fine adjustment