

Tightest Tolerance Allowed, by Measuring Device, for
Shop Floor Final Acceptance Measurements

Gauge	Tightest Tolerance	Min Total Range
3 Digit Micrometer	+/- .001"	.002"
4 Digit Micrometer	+/- .0005	.001"
Caliper	+/- .005"	.010"
Protractor	+/- 1 degree	2 degrees
Height Gauge	+/- .005"	.010"
Tape Measure	+/- 1/16" (+/- .0625")	1/8" (.125")