

## METRIC STANDARDS # 7163/7163 S

Hardened Tool Steel - RC 62 - 64  
 Available from 0.25 mm to 12.95 mm - In steps of 0.01 mm  
 Also available from 13 mm to 25.6 mm - In steps of 0.1 mm

Tolerances: Class XXX (.00001" - 0.25 microns)  
 Class XX (.00002" - 0.5 microns)  
 Class X (.00004" - 1 microns) *Most Common*  
 Class Y (.00007" - 1.8 microns)  
 Class Z (.00010" - 2.5 microns)



Standards For: Exact size holes - Hole layout and spacing - Functional hole measuring  
 Setting Masters For: Micrometers - Snap Gages - Comparators - Dial Bore Gages and other uses

Metric standards are typically "made to order" with a normal lead time of 2 to 4 weeks. For Go/NoGo gaging, two standards can be joined by a handle to create a single gage set.

**For Individual Standards, order as follows:**

7163 + Size + Class  
 Example: (Item #) 7163 (Size) 7.6 mm, Class X

**For Go/NoGo Standard Sets, order as follows:**

7163 S + Size + Class/Size + Class  
 Example: (Item #) 7163 (Size) 7.6mm, Class X/7.8mm, Class X

## PRECISION END MEASURING RODS # 234

With Insulating Handle

These rods or "standards" are for checking and setting micrometers of 50 mm capacity and larger, and are also used on machine tools for comparing gages, checking precision measuring tools, for measuring parallel surfaces and many other types of work.

LENGTH mm	TOLERANCE	LENGTH mm	TOLERANCE
25	+0.0013/-0	275	+0.0038/-0
50	+0.0025/-0	300	+0.0043/-0
75	+0.0025/-0	325	+0.0043/-0
100	+0.0025/-0	350	+0.0043/-0
125	+0.0025/-0	375	+0.0043/-0
150	+0.0025/-0	400	+0.0051/-0
175	+0.0032/-0	425	+0.0051/-0
200	+0.0032/-0	450	+0.0064/-0
225	+0.0038/-0	475	+0.0064/-0
250	+0.0038/-0	500	+0.0076/-0



### How to Order

Item #: 234  
 Size: 50-150  
 Quantity: 2  
 Tel: 1-888-966-MMCC