



78XT Series Bore Gages

.080-12" / 1-300mm

The 78XT Series Internal Micrometers feature extended travel, reducing the need to exchange anvils. The ground contact points seat the internal micrometer faster and more accurately than the spherical contacts found in other gages. These rugged and accurate internal micrometers are available individually or in economical sets from .040-12" (1-300mm).

Features

- Wide measurement range without changing anvils
- Resolution from .0001" (0.0025mm) on the 2-point contact tools ranging up to 1/4" (6mm) and .00025" (0.005mm) on the 3-point contact tools ranging from 1/4"-12" (6mm - 300mm)
- Tungsten carbide measuring faces on all 3-point heads above 1/2" (12.5mm)
- Ratchet stop ensures consistent measurements
- Self-centering contacts for true readings
- Blind bore measuring capability above 1/2" (12.5mm) diameter
- Extensions available up to 6" (150mm) for deep hole measuring
- Setting rings included
- Depth stop/collar also available for .080"-.250" (1-6mm) range
- Each micrometer bore gage is furnished in a case, complete with setting ring, contacts, wrenches, and instructions.



78XT Bore Gages, 2-Point Contact (.080-.250" Range)

Range Inches	Accuracy Inches	Approximate Measuring Depth Inches	Setting Ring Diameter Inches	Catalog No.	EDP
.080-.100	.00010"	3/8	.100	78XTZ-100	68124
.100-.120				78XTZ-120	68125
.120-.160	.00010"	15/32	.160	78XTZ-160	68126
.160-.200				78XTZ-200	68127
.200-.250				78XTZ-250	68128

78XT Bore Gages, 3-Point Contact (1/4-12" Range)

1/4 - 5/16	.00015"	2-1/4	.3125	78XTZ-312	68129
5/16 - 3/8			.3125	78XTZ-375	68130
3/8 - 1/2			.500	78XTZ-500	68131
1/2 - 5/8	.00015"	2-7/16	.500	78XTZ-625	68132
5/8 - 3/4			.750	78XTZ-750	68133
3/4 - 1	.00015"	2-5/8	.750	78XTZ-1	68134
1 - 1-3/8			1.375	78XTZ-138	67674
1-3/8 - 2			1.375	78XTZ-2	67675
2 - 2-5/8	.00020"	3-1/16	2.625	78XTZ-258	67676
2-5/8 - 3-1/4			3.250	78XTZ-314	67677
3-1/4 - 4	.00025"	4	3.250	78XTZ-4	67678
4 - 5			5.0	78XTZ-5	67679
5 - 6			5.0	78XTZ-6	67680
6 - 7	.00030"	4-1/2	7.0	78XTZ-7	67681
7 - 8			7.0	78XTZ-8	67682
8 - 9			9.0	78XTZ-9	67857
9 - 10	.00035"	4-5/8	9.0	78XTZ-10	67858
10 - 11			11.0	78XTZ-11	67859
11 - 12			11.0	78XTZ-12	67860

78XT Sets, 2-Point Contact (.250" Range)

Range	No. of Heads	No. of Rings	Catalog No.	EDP
.120-.250"	3	2	S78XTBZ	68152

78XT Sets, 3-Point Contact (1/4-4" Range)

1/4-3/8"	2	1	S78XTCZ	68153
3/8-3/4"	3	2	S78XTDZ	68154
3/4-2"	3	2	S78XTEZ	67683
2-4"	3	2	S78XTFZ	67684

78XTZ-138
Measuring a bore