



### No. 78XT Series .080-12"

### No. 78MXT Series 1-300mm

The No. 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 .0002" (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

.080-12" / 1-300mm Ranges



No. 78XTZ-2 (inch model).

## No. 78XT Series

### 2-Point Contact .080-.250" range

Range	Accuracy	Approximate Measuring Depth	Setting Ring Diameter	Catalog No.	EDP No.
Inches	Inches	Inches	Inches		
.080-.100	.00010"	3/8	.100	<b>78XTZ-100</b>	68124
.100-.120		3/8	.100	<b>78XTZ-120</b>	68125
.120-.160		15/32	.160	<b>78XTZ-160</b>	68126
.160-.200		3/4	.160	<b>78XTZ-200</b>	68127
.200-.250		3/4	.200	<b>78XTZ-250</b>	68128



78XTZ-138 Measuring a bore.

### 3-Point Contact 1/4-12" range

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

Each micrometer is furnished in a case, complete with setting ring, contacts, wrenches, and instructions.

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**No. 78XT Series Sets****2-Point Contact .250" range**

Range	No. of Heads	No. of Rings	Catalog No.	EDP No.
.080-.250"	5	3	S78XTBZ	68152

**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

**No. 78MXT Series****2-Point Contact 1-6mm range**

Range mm	Accuracy mm	Approximate Measuring Depth mm	Setting Ring Dia. mm	Catalog No.	EDP No.
1-1.15	0.003mm	6	1	78MXTZ-1.15	68135
1.15-1.3		6	1.3	78MXTZ-1.3	68136
1.3-1.5		6	1.3	78MXTZ-1.5	68137
1.5-1.75		8	1.75	78MXTZ-1.75	68138
1.75-2		8	1.75	78MXTZ-2	68139
2-2.5	0.004mm	9	2.5	78MXTZ-2.5	68140
2.5-3		9	2.5	78MXTZ-3	68141
3-4		12	4	78MXTZ-4	68142
4-5		18	4	78MXTZ-5	68143
5-6		18	5	78MXTZ-6	68144

**3-Point Contact 6-300mm range**

6-8	0.004mm	58	8	78MXTZ-8	68145
8-10		58	8	78MXTZ-10	68146
10-12.5		58	12.5	78MXTZ-12.5	68147
12.5-16		62	12.5	78MXTZ-16	68148
16-20		62	20	78MXTZ-20	68149
20-25		66	20	78MXTZ-25	68150
25-35		66	35	78MXTZ-35	67861
35-50	80	35	78MXTZ-50	67862	
50-65	0.005mm	80	65	78MXTZ-65	67863
65-80		80	65	78MXTZ-80	68650
80-100		100	80	78MXTZ-100	67864
100-125	0.006mm	115	125	78MXTZ-125	67865
125-150		115	125	78MXTZ-150	67866
150-175	0.007mm	115	175	78MXTZ-175	67867
175-200		115	175	78MXTZ-200	67868
200-225	0.008mm	118	225	78MXTZ-225	67869
225-250		118	225	78MXTZ-250	67870
250-275	0.009mm	118	275	78MXTZ-275	67871
275-300		118	275	78MXTZ-300	67872

**No. 78MXT Series Sets****2-Point Contact 2-6mm range**

Range	No. of Heads	No. of Rings	Catalog No.	EDP No.
2-3 mm	2	1	S78MXTAZ	68155
3-6 mm	3	2	S78MXTBZ	68156

**3-Point Contact 6-100mm range**

6-10mm	2	1	S78MXTCZ	68157
10-20mm	3	2	S78MXTDZ	68158
20-50mm	3	2	S78MXTFZ	67873
50-100mm	3	2	S78MXTFZ	67874