

VERNIER BORE GAGES

78XT BORE GAGES

.080-12"/1-300MM

The 78XT Bore Gages 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 .080-12" (2-300mm).

78XT Bore Gages, 2-Point Contact (.080-.250" Range)					
Cat. No.	EDP	Range (in)	Accuracy (in)	Approximate Measuring Depth (in)	Setting Ring Diameter (in)
78XTZ-100	68124	.080-.100	0.00015	3/8	.100
78XTZ-120	68125	.100-.120			
78XTZ-160	68126	.120-.160	0.00015	15/32	.160
78XTZ-200	68127	.160-.200	0.00015	3/4	.160
78XTZ-250	68128	.200-.250			.200
78XT Bore Gages, 3-Point Contact (1/4-12" Range)					
Cat. No.	EDP	Range (in)	Accuracy (in)	Approximate Measuring Depth (in)	Setting Ring Diameter (in)
78XTZ-312	68129	1/4-5/16			.3125
78XTZ-375	68130	5/16-3/8	.00015	2-1/4	.3125
78XTZ-500	68131	3/8-1/2			.500
78XTZ-625	68132	1/2-5/8	.00015	2-7/16	.500
78XTZ-750	68133	5/8-3/4			.750
78XTZ-1	68134	3/4-1	.00015	2-5/8	.750
78XTZ-138	67674	1-1-3/8			1.375
78XTZ-2	67675	1-3/8-2	.00015	3-1/16	1.375
78XTZ-258	67676	2-2-5/8	.00020	3-1/16	2.625
78XTZ-314	67677	2-5/8-3-1/4			
78XTZ-4	67678	3-1/4-4	.00020	4	3.250
78XTZ-5	67679	4-5	.00025	4	5.0
78XTZ-6	67680	5-6	.00025	4-1/2	5.0
78XTZ-7	67681	6-7			7.0
78XTZ-8	67682	7-8	.00030	4-1/2	7.0
78XTZ-9	67857	8-9			9.0
78XTZ-10	67858	9-10	.00030	4-5/8	9.0
78XTZ-11	67859	10-11			
78XTZ-12	67860	11-12	.00035	4-5/8	11.0

78XT Sets, 2-Point Contact (.250" Range)				
Cat. No.	EDP	Range (in)	Number of Heads	Number of Rings
S78XTBZ	68152	.120-.250	3	2
78XT Sets, 3-Point Contact (1/4-4" Range)				
Cat. No.	EDP	Range (in)	Number of Heads	Number of Rings
S78XTCZ	68153	1/4-3/8	2	1
S78XTDZ	68154	3/8-3/4	3	2
S78XTEZ	67683	3/4-2	3	2
S78XTFZ	67684	2-4	3	2



78XTZ-2

FEATURES

- Wide measurement range without changing anvils
- Resolution from .0001" (0.0025mm) on the 2-point contact tool up to 3/4" (20mm) and .00025" (0.005mm) on the 3-point contact tools ranging from 3/4"-12" (20mm - 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



78XTZ-138 measuring a bore.



ELECTRONIC BORE GAGES

78MXT BORE GAGES

See specifications on previous page

BORE GAGES

78MXT Bore Gages, 2-Point Contact (1-6mm Range)

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

78MXT Bore Gages, 3-Point Contact (6-300mm Range)

Cat. No.	EDP	Range (mm)	Accuracy (mm)	Approximate Measuring Depth (mm)	Setting Ring Dia (mm)
78MXTZ-8	68145	6-8mm	0.004	58	8
78MXTZ-10	68146	8-10mm			
78MXTZ-12.5	68147	10-12.5mm	0.004	58	12.5
78MXTZ-16	68148	12.5-16mm	0.004	62	12.5
78MXTZ-20	68149	16-20mm	0.004	62	20
78MXTZ-25	68150	20-25mm	0.004	66	20
78MXTZ-35	67861	25-35mm	0.004	66	35
78MXTZ-50	67862	35-50mm	0.004	80	35
78MXTZ-65	67863	50-65mm			
78MXTZ-80	68650	65-80mm	0.005	80	65
78MXTZ-100	67864	80-100mm	0.005	100	80
78MXTZ-125	67865	100-125mm			
78MXTZ-150	67866	125-150mm	0.006	115	125
78MXTZ-175	67867	150-175mm			
78MXTZ-200	67868	175-200mm	0.007	115	175
78MXTZ-225	67869	200-225mm			
78MXTZ-250	67870	225-250mm	0.008	118	225
78MXTZ-275	67871	250-275mm			
78MXTZ-300	67872	275-300mm	0.009	118	275

78MXT Sets, 2-Point Contact (2-6mm Range)

Cat. No.	EDP	Range (mm)	Number of Heads	Number of Rings
S78MXTAZ	68155	2-3	2	1
S78MXTBZ	68156	3-6	3	2

78XT Sets, 3-Point Contact (6-100mm Range)

Cat. No.	EDP	Range (mm)	Number of Heads	Number of Rings
S78MXTCZ	68157	6-10	2	1
S78MXTDZ	68158	10-20	3	2
S78MXTFZ	67873	20-50	3	2
S78MXTFZ	67874	50-100	3	2



780MXTZ-150 in case

