

DIAL BORE GAGES

84A, 84MA DIAL BORE GAGES

1-1/2 – 12-1/8"/38-317.5MM

These fractional bore gages allow for bore measurements beyond the size range of our 82 Bore Gage.

They are comparison gages and should be set with a master ring gage, gage blocks with parallel jaws, outside micrometers or vernier calipers. Ring gages are available by request, quoted by application. Good practice is to set the gage to zero, as near to the desired dimension as possible.

Gages are well balanced, easy to use and have the following features:

- Can be easily held to inspect bores and hole sizes without removing the workpiece
- An adjustable range screw and two centralizing plungers provide accurate, three-point contact for tool alignment in larger bores
- All contacts and centralized plungers are hardened tool steel for wear and spring-loaded for sensitivity
- The housing and knurled handle are aluminum for light weight and good balance
- Dial indicators have jewel bearings for sensitivity
- Bore depths are also available up to 12" (300mm) in 1" (25mm) increments on special order
- Furnished in finished wood case
- Available with longer reach lengths, carbide contacts or electronic indicators with output capability from our special order division



BORE GAGES

84A Dial Bore Gages (1-1/2 - 12-1/2" Range)							
Cat. No.	EDP	Total Range with Extension	Ext.	Range Each Extension (inches)	Max. Bore Depth	Plunger Travel	Indicator Grad.
84AZ-111-4J	00026	1-1/2-3"	12	1.500-1.625", 1.625-1.750", 1.750-1.875", 1.875-2.000", 2.000-2.125", 2.125-2.250",	3"	.020"	.0001"
84AZ-134-4J	00030			2.250-2.375", 2.375-2.500", 2.500-2.625", 2.625-2.750", 2.750-2.875", 2.875-3.000"			.0005"
84AZ-111-5J	00027	3-5-1/16"	11	3.000-3.187", 3.187-3.375", 3.375-3.562", 3.562-3.750", 3.750-3.937", 3.937-	6"	.030"	.0001"
84AZ-134-5J	00031			4.125", 4.150-4.312", 4.312-4.500", 4.500-4.687", 4.687-4.875", 4.875-5.062"			.0005"
84AZ-111-6J	00028	5-8"	4	5.000-5.750", 5.750-6.500", 6.500-7.250", 7.250-8.000"	6"	.030"	.0001"
84AZ-134-6J	00032						.0005"
84AZ-111-7J	00029	8-12-1/2"	3	8.000-9.500", 9.500-11.000", 11.000-12.500"	7"	.030"	.0001"
84AZ-134-7J	00033						.0005"
84MA Dial Bore Gages (38.1 - 317.5mm Range)							
Catalog No.	EDP	Total Range with Extension	Ext.	Range Each Extension (mm)	Max. Bore Depth	Plunger Travel	Indicator Grad.
84MAZ-161-4J	00034	3.175-76.2mm	12	38.1-41.28mm, 41.28-44.45mm, 44.45-47.62mm, 47.62-50.8mm, 50.8 -53.98mm,	75mm	0.51mm	0.002 mm
84MAZ-181-4J	00038			53.98-57.15mm, 57.15-60.32mm, 60.32-63.5mm, 63.5-66.68mm, 66.68-69.85mm, 69.85-73.02mm, 73.02-76.2mm			0.01 mm
84MAZ-161-5J	00035	76.2-128.58mm	11	76.2-80.96mm, 80.96-85.72mm, 85.72-90.49mm, 90.49-95.25mm, 95.25-100.01mm,	150mm	0.76mm	0.002 mm
84MAZ-181-5J	00039			100.01-104.78mm, 104.78-109.54mm, 109.54- 114.3mm, 114.3-119.06mm, 119.06-123.82mm, 123.82-128.58mm			0.01 mm
84MAZ-161-6J	00036	127-203.2mm	4	127-146.05mm, 146.05-165.1mm, 165.1-184.15mm, 184.15-203.2mm	150mm	0.76mm	0.002 mm
84MAZ-181-6J	00040						0.01 mm
84MAZ-161-7J	00037	203.2-317.5mm	3	203.2 - 241.3mm, 241.3 - 279.4mm, 279.4 - 317.5mm	175mm	0.76mm	0.002 mm
84MAZ-181-7J	00041						0.01 mm

