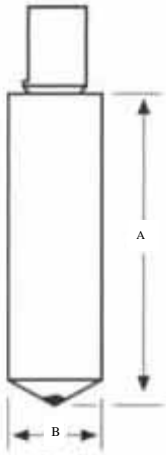


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Long Body Brale



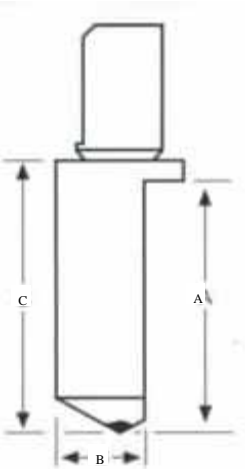
Part Number	Scale	A Dimension	B Dimension
9100-507	C	1.0 in (25.4 mm)	0.375 in (9.5 mm)
9100-509	C	2.0 in (50.8 mm)	0.375 in (9.5 mm)
9100-519	C	1.625 in (41.3 mm)	0.375 in (9.5 mm)
900001334	N	1.0 in (25.4 mm)	0.375 in (9.5 mm)
900001401	N	2.0 in (50.8 mm)	0.375 in (9.5 mm)
900001421	N	1.625 in (41.3 mm)	0.375 in (9.5 mm)

These are designed to reach testing areas inaccessible by the standard indenter

Side Cut Brales

Part Number	Scale	A Dimension	B Dimension	C Dimension
900001437	A	1.1875 in (47.6 mm)	0.238 in (6.0 mm)	1.250 in (31.7 mm)
900001703	A	0.500 in (12.7 mm)	0.238 in (6.0 mm)	0.875 in (22.2 mm)
900001754	A	1.531 in (38.9 mm)	0.238 in (6.0 mm)	1.594 in (40.5 mm)
900001763	A	2.062 in (52.4 mm)	0.238 in (6.0 mm)	2.125 in (53.9 mm)
900001792	A	2.875 in (85.7 mm)	0.238 in (6.0 mm)	3.000 in (76.2 mm)
900001793	A	3.375 in (85.7 mm)	0.238 in (6.0 mm)	3.500 in (80.9 mm)
900001802	A	.0812 in (20.6 mm)	0.238 in (6.0 mm)	0.875 in (22.2 mm)
900001405	N	0.500 in (12.7 mm)	0.238 in (6.0 mm)	0.875 in (22.2 mm)
900001475	N	1.531 in (38.9 mm)	0.238 in (6.0 mm)	1.594 in (40.5 mm)
900001747	N	.0812 in (20.6 mm)	0.238 in (6.0 mm)	0.875 in (22.2 mm)
900001784	N	2.062 in (52.4 mm)	0.238 in (6.0 mm)	2.125 in (53.9 mm)
900001790	N	3.375 in (85.7 mm)	0.238 in (6.0 mm)	3.500 in (80.9 mm)
900001791	N	2.875 in (85.7 mm)	0.238 in (6.0 mm)	3.000 in (76.2 mm)
900002017	N	1.1875 in (47.6 mm)	0.238 in (6.0 mm)	1.250 in (31.7 mm)

These are used primarily for testing gear teeth. The cutaway also allows for testing slots or close to a raised shoulder. Because of the cutaway the load is limited to 60 kgf



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Self-Holding Brale Testing Gear Teeth and Grooves

Part Number	P.D.	D.P	Maximum Load
900001706	8.00	11-16	15 kg
900001738	12.00	5-12	30 kg
900001782	12.00	5-10	30 kg
900001783	14.00	4-6	30 kg

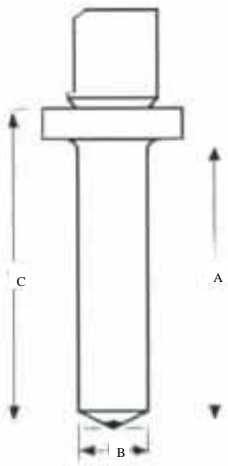
Pitch Diameter (P.D.)

Pitch Diameter is the gear diameter, in inches at the point where gear meshing forces are applied

Diametral Pitch (D.P.)

Diametral Pitch is the number of gear teeth per inch of pitch diameter (25.4mm)

Thin Point Brale

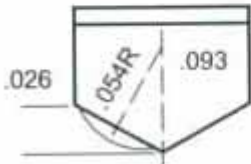
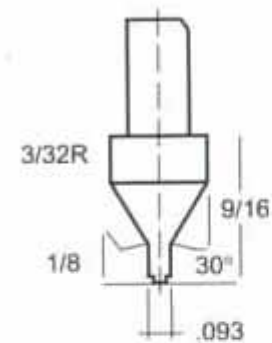


Part Number	Scale	A Dimension	B Dimension	C Dimension
900001480	A	0.4372 in (11.1 mm)	0.108 in (2.7 mm)	0.5265 in (13.4 mm)
900001478	A	0.4375 in (11.1 mm)	0.125 in (3.2 mm)	0.5265 in (13.4 mm)
9100-515	C	0.875 in (22.2 mm)	0.187 in (4.4 mm)	1.00 in (25.4 mm)
9100-517	C	1.125 in (28.6 mm)	0.187 in (4.4 mm)	1.25 in (31.8 mm)
900001702	N	0.4375 in (11.1 mm)	0.108 in (2.7 mm)	0.5265 in (13.4 mm)
900001794	N	0.875 in (22.2 mm)	0.187 in (4.37 mm)	1.00 in (25.4 mm)
900001796	N	1.125 in (28.6 mm)	0.187 in (4.7 mm)	1.25 in (31.8 mm)
900003407	N	0.4375 in (11.1 mm)	0.125 in (3.2 mm)	0.5265 in (13.4 mm)

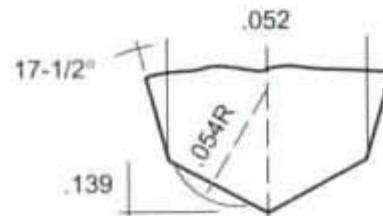
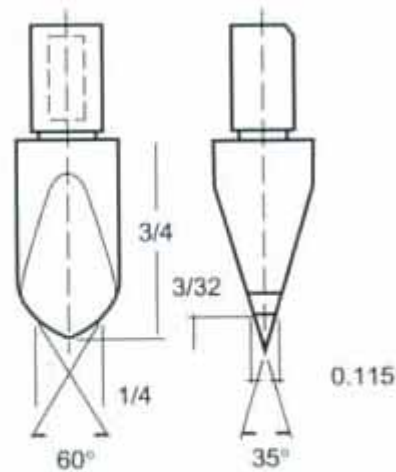
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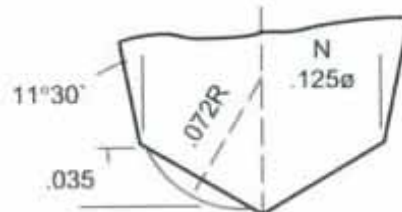
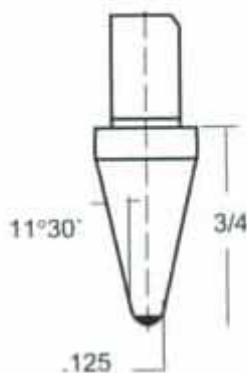
1357-N
1780-A



1709-N
(15kg only)



9100-516
1795-N



1768-N
(30kg only)

