



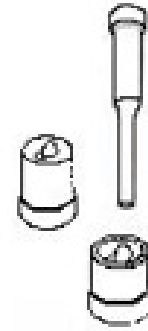
# Punches & Dies

## DESIGNER LINE > Punches > Oblong Punches

- Available in M2 or A2 Tool Steel\*
- Hardened and drawn to RC 60-63. Heads redrawn to RC 40-55.
- Concentricity .0003 T.I.R.(Round & Shaped)

Dimensions shown are catalog guidelines-exceptions available at additional cost

\*Other Steels available upon request at additional cost



Designer Oblong Catalog Information

Body Diameter	Point Length	Cat. No.	W Min +.0002 -.0000
1 .1250	.25	1PO1	.031
	.50	2PO1	.062
	.75	3PO1	.062
	1.00	4PO1	.093
1A .1875	.25	1PO1A	.062
	.50	2PO1A	.062
	.75	3PO1A	.062
	1.00	4PO1A	.093
	1.25	5PO1A	.125
2 .2500	.25	1PO2	.062
	.50	2PO2	.062
	.75	3PO2	.062
	1.00	4PO2	.093
	1.25	5PO2	.125
2A .3125	.25	1PO2A	.093
	.50	2PO2A	.093
	.75	3PO2A	.093
	1.00	4PO2A	.093
	1.25	5PO2A	.125
3 .375	.25	1PO3	.125
	.50	2PO3	.125
	.75	3PO3	.125
	1.00	4PO3	.125
	1.25	5PO3	.125
3A .4375	.50	2PO3A	.187
	.75	3PO3A	.187
	1.00	4PO3A	.187
	1.25	5PO3A	.187
.5000	.50	2PO4	.225
	.75	3PO4	.225
	1.00	4PO4	.225
	1.25	5PO4	.225
5 .625	.50	2PO5	.310
	.75	3PO5	.310
	1.00	4PO5	.310
	1.25	5PO5	.310
6 .750	.75	3PO6	.390
	1.00	4PO6	.390
	1.25	5PO6	.390
8 1.000	.75	3PO8	.485
	1.00	4PO8	.485
	1.25	5PO8	.485