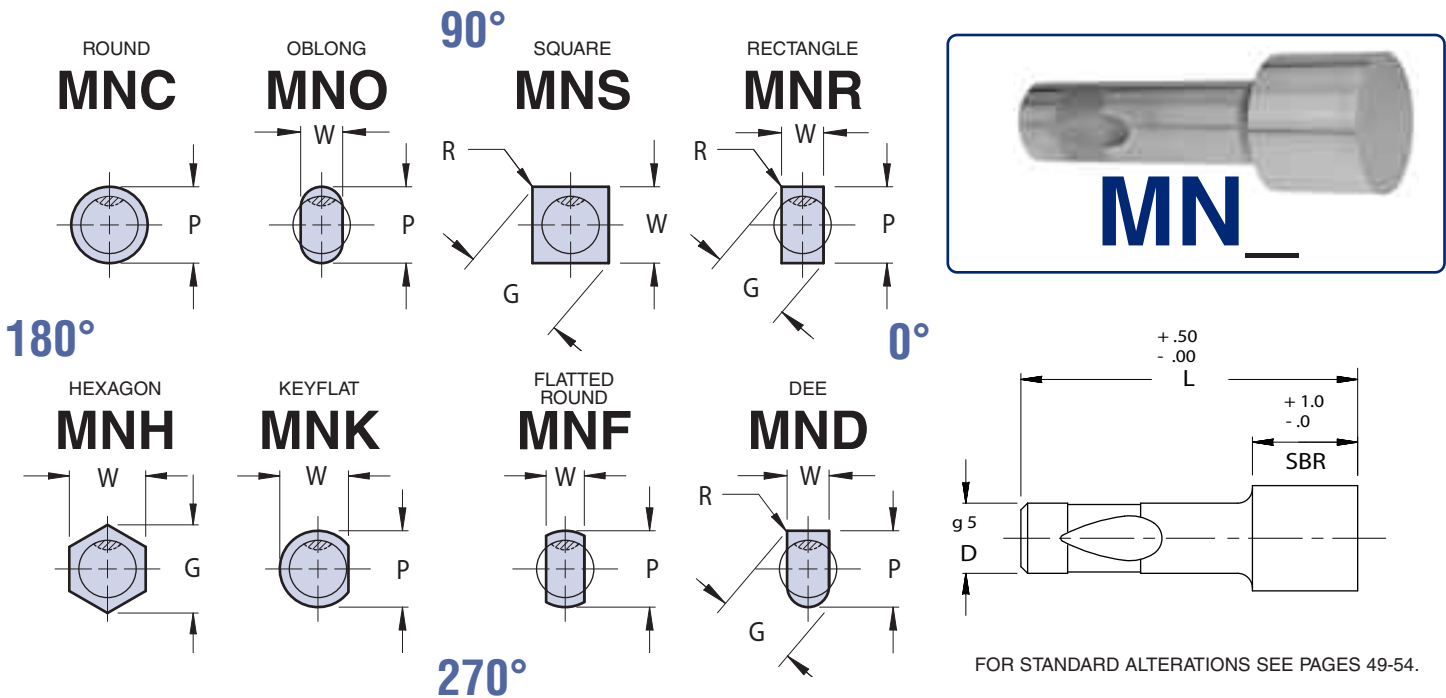


# NOSE LARGE PUNCHES

## HEAVY DUTY/SOLID



VIEWS ARE SHOWN LOOKING THROUGH THE SHANK BUT DRAWN WITH SOLID LINES FOR CLARITY.

CATALOG TYPE	SHANK DIA D	POINT LENGTH "S.B.R."	ROUND	SHAPE		LENGTH "L"		
			RANGE P	MIN W	MAX G/P	80	90	100
MN_10	10	16	10.10 - 25.00	3.00	25.00	X	X	X
MN_13	13	20	13.10 - 32.00	5.00	32.00	X	X	X
MN_16	16	25	16.10 - 38.00	6.00	38.00	X	X	X
MN_20	20	25	20.10 - 40.00	8.00	40.00	X	X	X
MN_25	25	25	25.10 - 48.00	10.00	48.00	X	X	X
MN_32	32	32	32.10 - 63.00	11.50	63.00	X	X	X
MN_40	40	32	40.10 - 63.00	14.00	63.00	X	X	X

### Material

Steel: M2, RC 60-63

### Standard Point Tolerance

Round P  $\begin{matrix} +.01 \\ -.00 \end{matrix}$

.01 P to D

Shape P, W  $\pm .01$

.02 P to D

STANDARD BALL SEAT LOCATION IS AT 90° AS SHOWN. AVAILABLE AT 0°, 180°, 270°, FOR SAME PRICE.