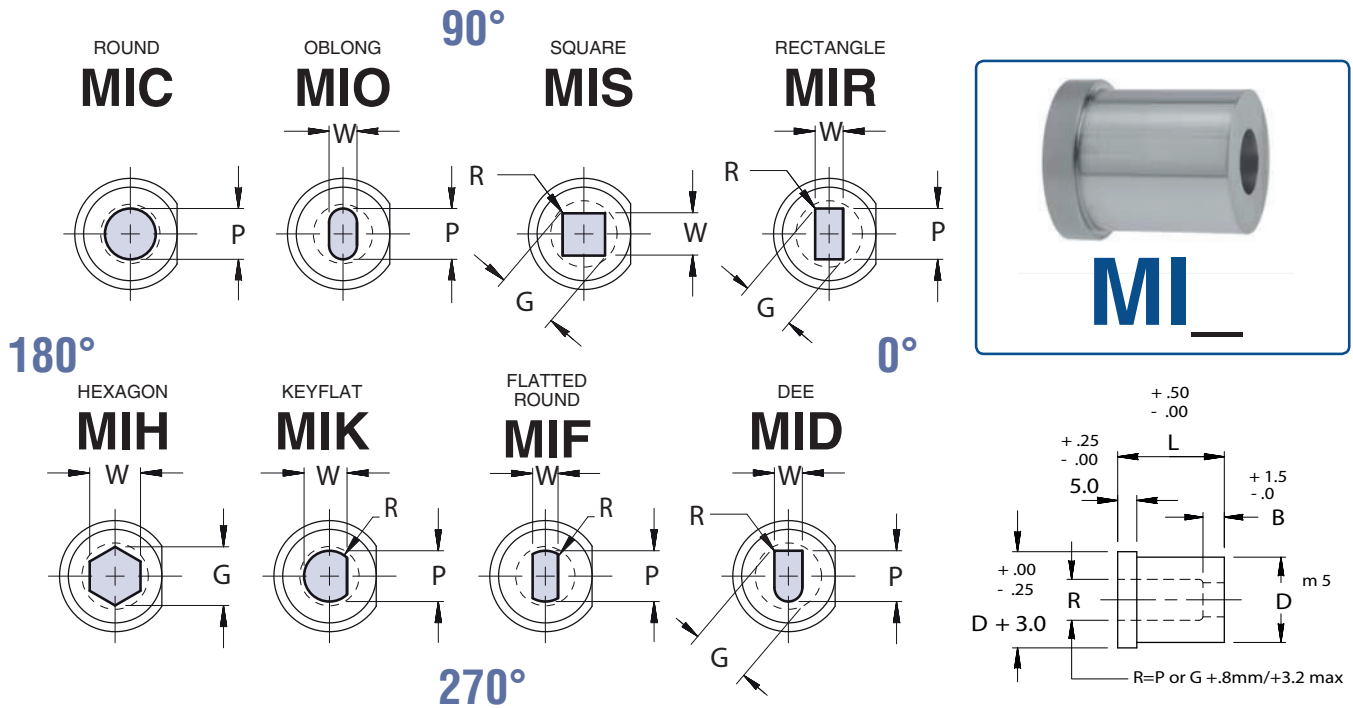


# SHOULDER BUTTONS

## COUNTER BORE RELIEF



VIEWS ARE SHOWN LOOKING AT TOP FACE OF BUTTON.

Complete design & CAD files visit [WWW.MOELLERMCAD.COM](http://WWW.MOELLERMCAD.COM)

CATALOG TYPE	BODY DIA D	LAND LENGTH "B"		DIA R	ROUND RANGE P	SHAPE		OVERALL LENGTH "L"							
		STD	ALT A			MIN W	MAX G/P	20	22	25	28	30	32	35	
MI_08	8	4.0	8.0	4.0	1.50 - 3.20	1.50	3.20	X	X	X	X	X	X	X	X
MI_10	10	4.0	8.0	5.6	1.60 - 5.00	1.60	5.00	X	X	X	X	X	X	X	X
MI_13	13	5.0	8.0	8.0	1.80 - 7.20	1.80	7.20	X	X	X	X	X	X	X	X
MI_16	16	5.0	8.0	9.5	5.00 - 8.80	2.50	8.80	X	X	X	X	X	X	X	X
MI_20	20	5.0	12.0	12.0	5.50 - 11.00	3.20	11.00	X	X	X	X	X	X	X	X
MI_22	22	6.0	12.0	15.0	7.50 - 14.00	4.00	14.00	X	X	X	X	X	X	X	X
MI_25	25	6.0	12.0	17.5	9.50 - 16.50	4.80	16.50	X	X	X	X	X	X	X	X
MI_32	32	6.0	12.0	21.0	13.00 - 20.00	5.50	20.00	X	X	X	X	X	X	X	X
MI_38	38	8.0	12.0	27.0	16.00 - 26.00	6.40	26.00	X	X	X	X	X	X	X	X
MI_40	40	8.0	12.0	27.0	16.00 - 26.00	6.50	26.30	X	X	X	X	X	X	X	X

**Material**  
 Steel: A2, HRC 58-60  
 Alternate M2, HRC 60-63

**Standard Point Tolerance**

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

Shape P, W  $\begin{matrix} +.02 \\ -.0 \end{matrix}$  .02 P to D

**ORDER EXAMPLE:**  
 (Reference page 4)

SPECIFY:	QTY:	TYPE	"D"	"L"	"B"	P (OR P&W)	ALTERATION	STEEL
					DIMENSIONS		CODE	
EXAMPLE:	6	MIC	13	25	A	6.0	F-1	M-2
EXAMPLE:	6	MIO	20	25	STD	9.0 x 4.0	F-1	A-2

Note: When ordering, standard quantity breaks are: 1, 2-3, 4-11, 12-23, 24-49, 50-99

FOR SLUG CONTROL AND STANDARD ALTERATIONS SEE PAGES 59-63.

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