

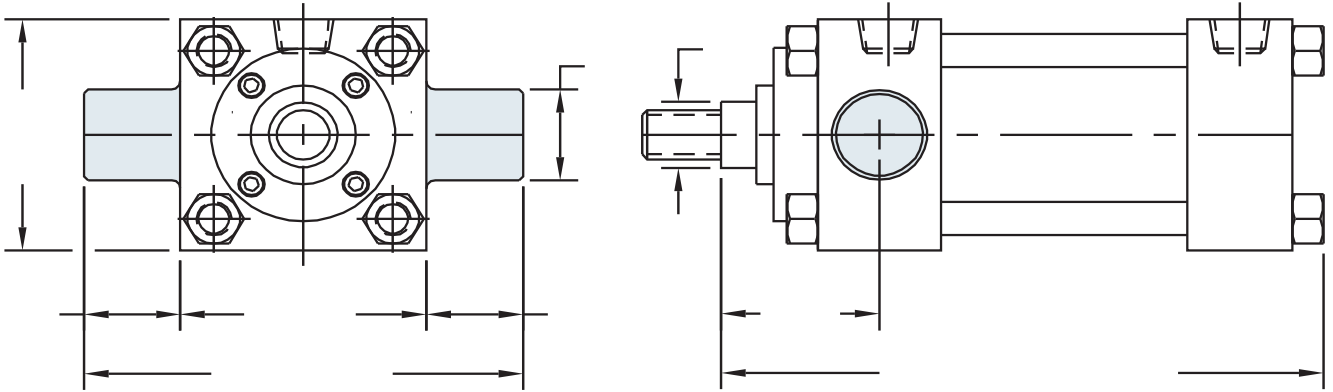


SERIES 'M' DIMENSIONS | BASIC CYLINDERS

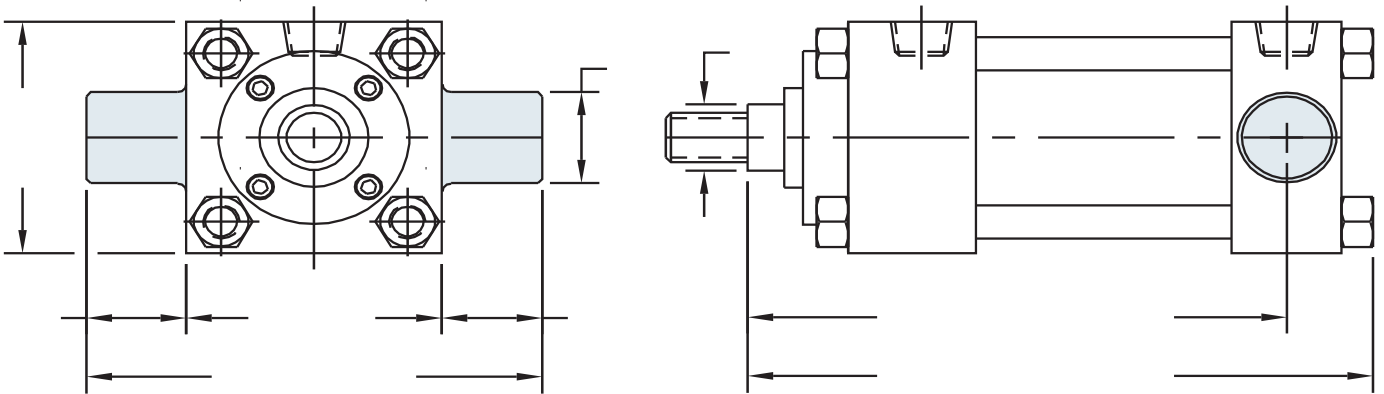
BORE	ROD DIA. (MM)	MAX PSI RATING	E	A	B	C	EE		F	G	J	K	KK	R	RD	V	Y	ADD TO STROKE		
							NPTF	SAE										LB	P	ZB
1.50	0.625	1500	2.000	0.750	1.124	0.375	3/8	#6	0.375	1.500	1.000	0.250		1.430	SQ	0.250	1.875	3.625	2.375	4.875
	1.000	1500		1.125	1.499	0.500									SQ	0.500	2.250			5.250
2.00	0.625	1500	2.500	0.750	1.124	0.375	3/8	#6	0.375	1.500	1.000	0.313		1.840	2.000	0.250	1.875	3.625	2.375	4.938
	1.000	1500		1.125	1.499	0.500									SQ	0.500	2.250			5.313
	1.375	1500		1.625	1.999	0.625									SQ	0.625	2.500			5.563
2.50	0.625	1000	3.000	0.750	1.124	0.375	3/8	#6	0.375	1.500	1.000	0.313		2.190	2.000	0.250	1.875	3.750	2.500	5.063
	1.000	1500		1.125	1.499	0.500									SQ	0.500	2.250			5.438
	1.375	1500		1.625	1.999	0.625									SQ	0.625	2.500			5.688
	1.750	1500		2.000	2.374	0.750									SQ	0.750	2.750			5.938
3.25	1.000	1500	3.750	1.125	1.499	0.500	1/2	#10	0.625	1.750	1.250	0.375		2.760	2.750	0.250	2.375	4.250	2.750	6.000
	1.375	1500		1.625	1.999	0.625									SQ	0.375	2.625			6.250
	1.750	1500		2.000	2.374	0.750									SQ	0.500	2.875			6.500
	2.000	1500		2.250	2.624	0.875									SQ	0.500	3.000			6.625
4.00	1.000	1000	4.500	1.125	1.499	0.500	1/2	#10	0.625	1.750	1.250	0.375		3.320	2.750	0.250	2.375	4.250	2.750	6.000
	1.375	1000		1.625	1.999	0.625									3.500	0.375	2.625			6.250
	1.750	1000		2.000	2.374	0.750									3.500	0.500	2.875			6.500
	2.000	1000		2.250	2.624	0.875									SQ	0.500	3.000			6.625
	2.500	1000		3.000	3.124	1.000									SQ	0.625	3.250			6.875
5.00	1.000	750	5.500	1.125	1.499	0.500	1/2	#10	0.625	1.750	1.250	0.438		4.100	2.750	0.250	2.375	4.500	3.000	6.313
	1.375	1000		1.625	1.999	0.625									3.500	0.375	2.625			6.563
	1.750	1000		2.000	2.374	0.750									3.500	0.500	2.875			6.813
	2.000	1000		2.250	2.624	0.875									4.250	0.500	3.000			6.983
	2.500	1000		3.000	3.124	1.000									SQ	0.625	3.250			7.188
	3.000	1000		3.500	3.749	1.000									SQ	0.625	3.250			7.188
	3.500	1000		3.500	4.249	1.000									SQ	0.625	3.250			7.188
6.00	1.375	750	6.500	1.625	1.999	0.625	3/4	#12	0.750	2.000	1.500	0.438		4.880	3.500	0.250	2.750	5.000	3.250	7.063
	1.750	750		2.000	2.374	0.750									3.875	0.375	3.000			7.313
	2.000	750		2.250	2.624	0.875									4.250	0.375	3.125			7.438
	2.500	750		3.000	3.124	1.000									4.625	0.500	3.375			7.688
	3.000	750		3.500	3.749	1.000									5.250	0.500	3.375			7.688
	3.500	750		3.500	4.249	1.000									5.750	0.500	3.375			7.688
	4.000	750		4.000	4.749	1.000									SQ	0.500	3.375			7.688
8.00	1.375	500	8.500	1.625	1.999	0.625	3/4	#12	0.750	2.000	1.500	0.563		6.440	3.500	0.250	2.750	5.125	3.375	7.313
	1.750	500		2.000	2.374	0.750									3.875	0.375	3.000			7.563
	2.000	675		2.250	2.624	0.875									4.250	0.375	3.125			7.688
	2.500	675		3.000	3.124	1.000									4.625	0.500	3.375			7.938
	3.000	675		3.500	3.749	1.000									5.250	0.500	3.375			7.938
	3.500	675		3.500	4.249	1.000									5.750	0.500	3.375			7.938
	4.000	675		4.000	4.749	1.000									6.500	0.500	3.375			7.938
	4.500	675		4.500	5.249	1.000									7.250	0.500	3.375			7.938
	5.000	675		5.000	5.749	1.000									7.500	0.500	3.375			7.938
	5.500	675		5.500	6.249	1.000									7.500	0.500	3.375			7.938

SEE ROD END DETAIL CHART ON PREVIOUS PAGE

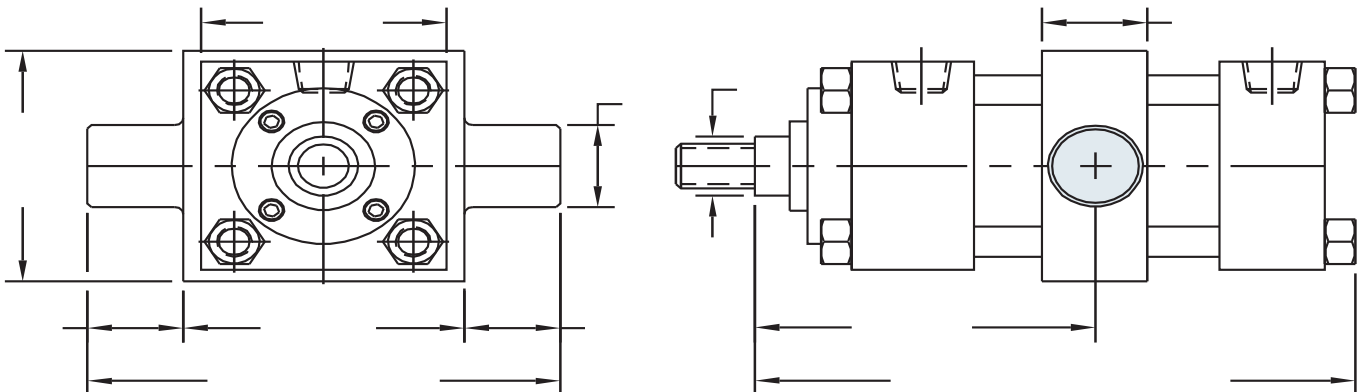
MT1: HEAD TRUNNION



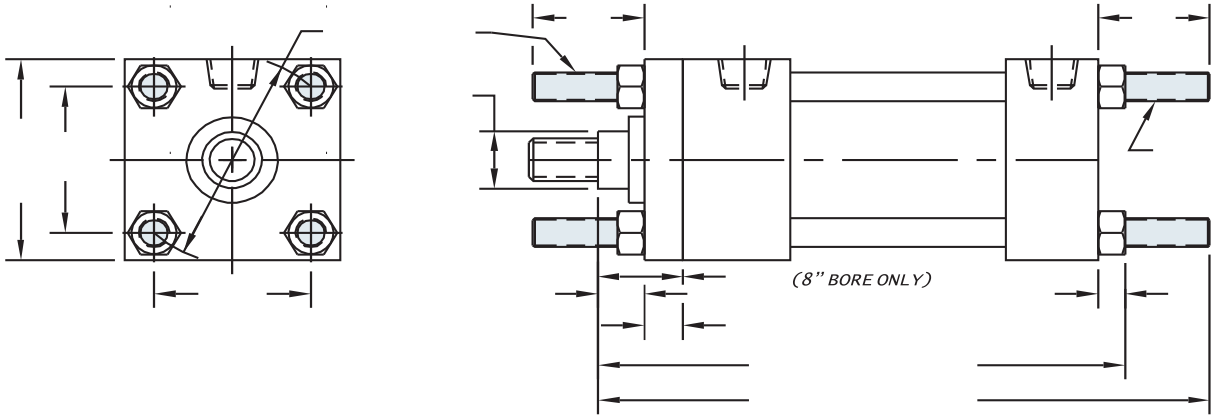
MT2: CAP TRUNNION



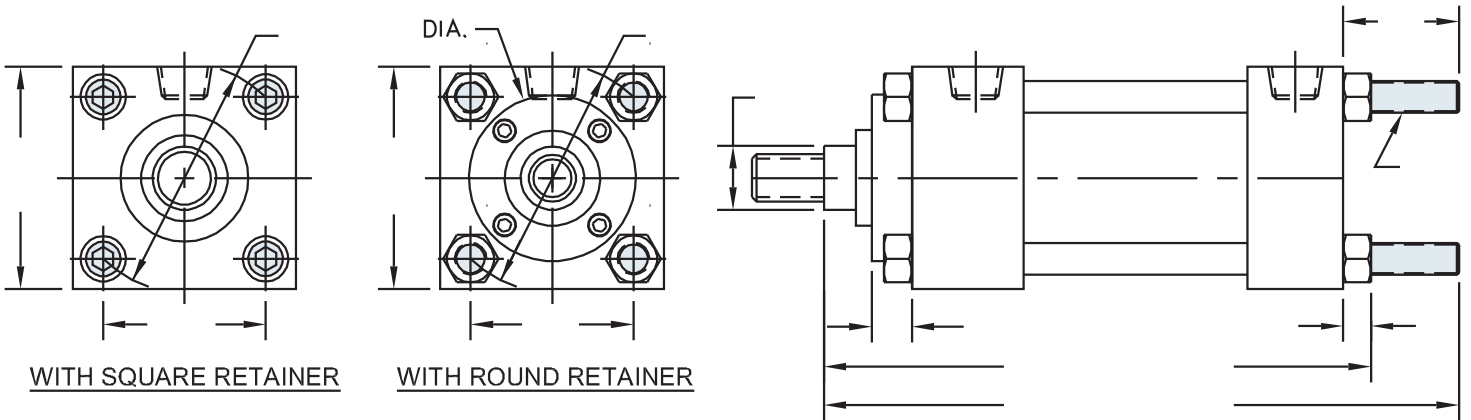
MT4: INTERMEDIATE TRUNNION



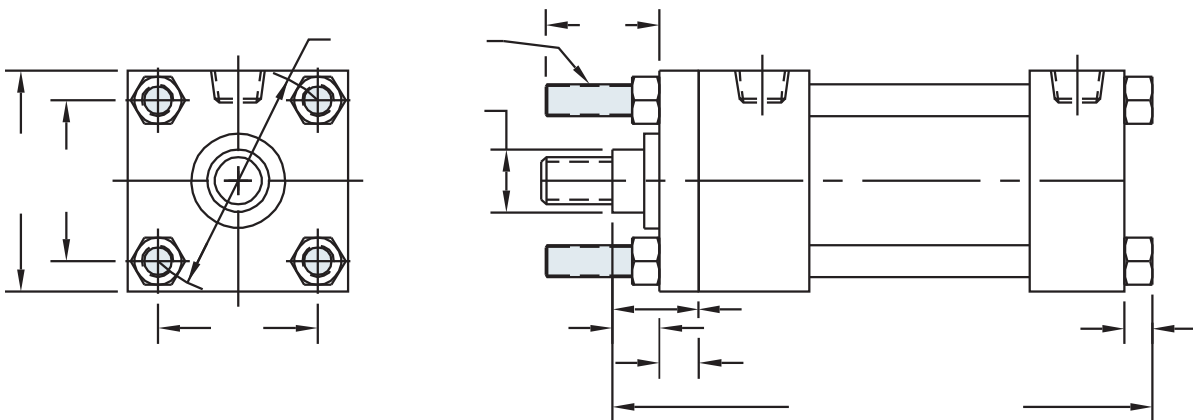
MX1: EXTENDED TIE-RODS - HEAD & CAP



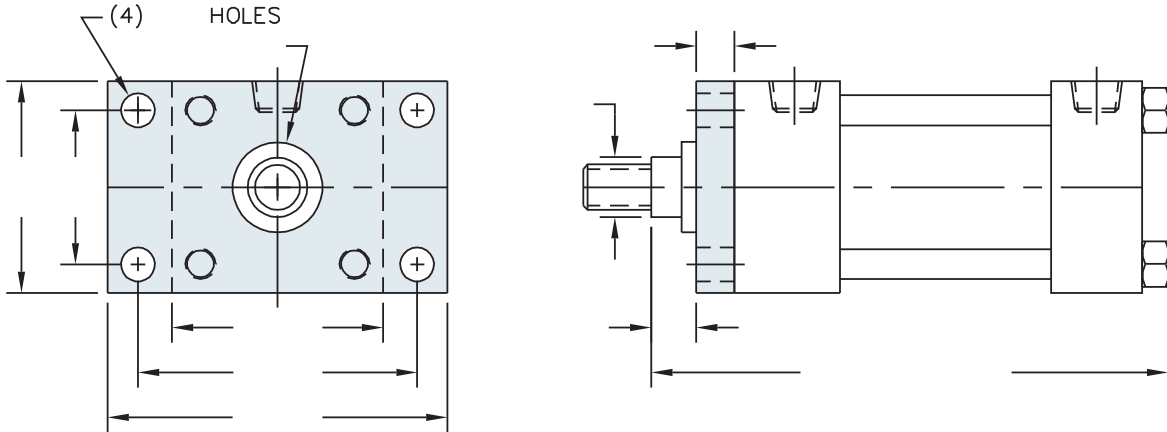
MX2: EXTENDED TIE-RODS - CAP END



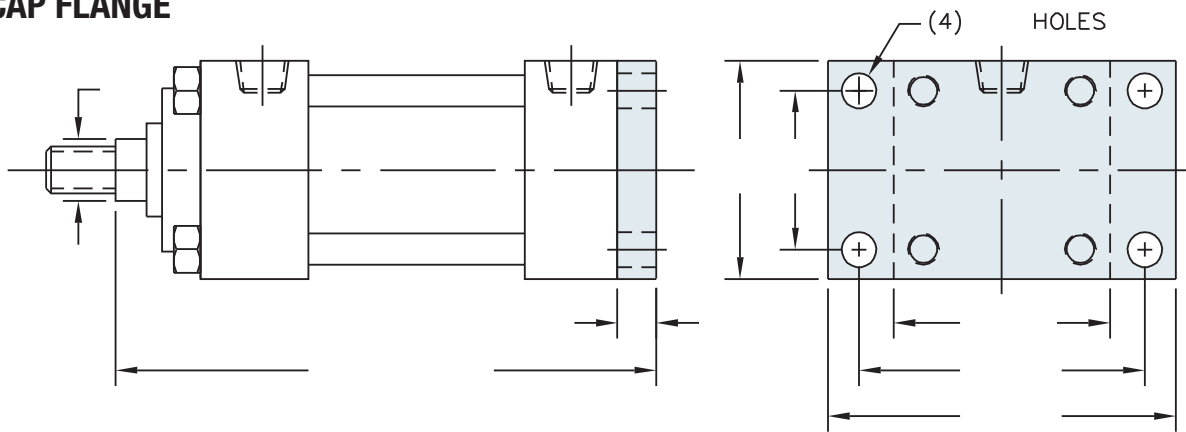
MX3: EXTENDED TIE-RODS - HEAD END



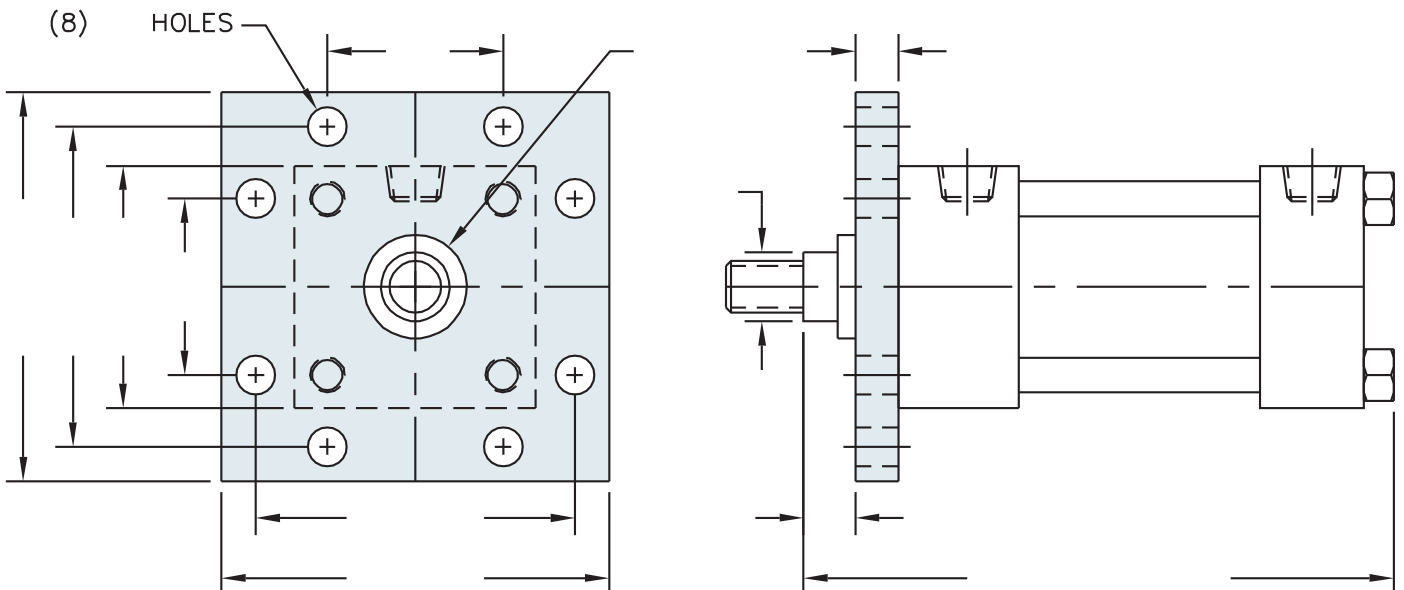
MF1: HEAD FLANGE



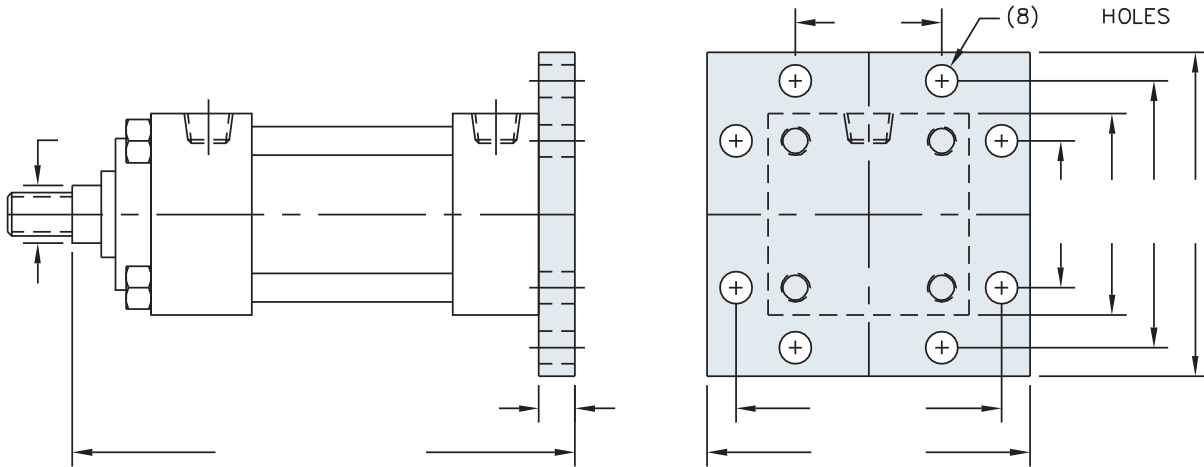
MF2: CAP FLANGE



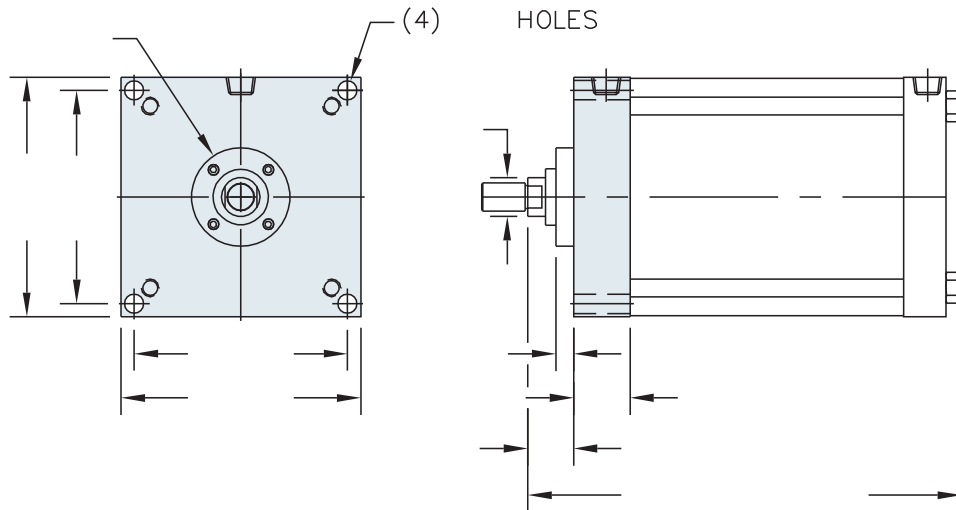
MF5: HEAD SQUARE FLANGE



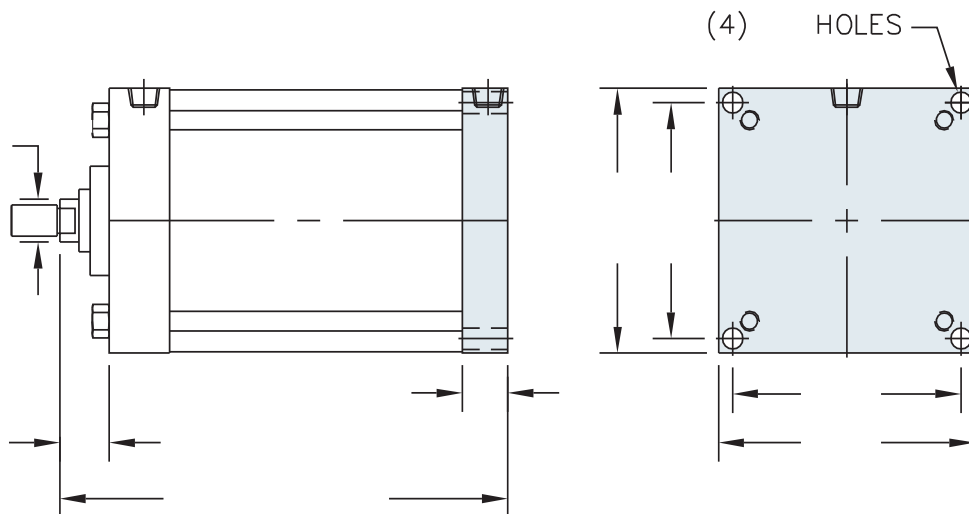
MF6: CAP SQUARE FLANGE



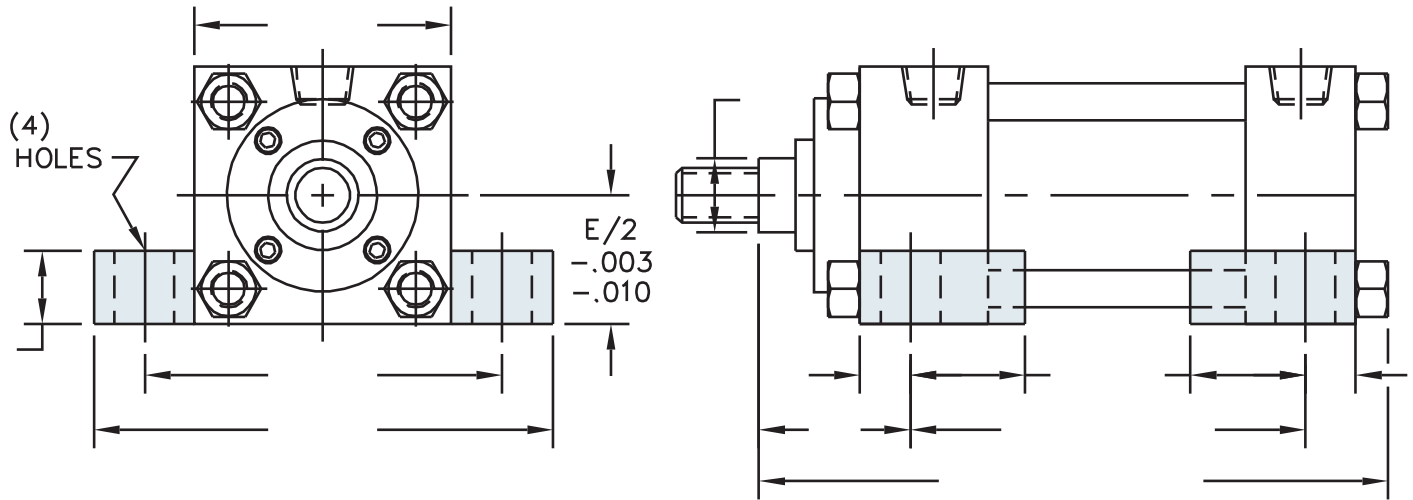
ME3: HEAD SQUARE MOUNTING HOLES



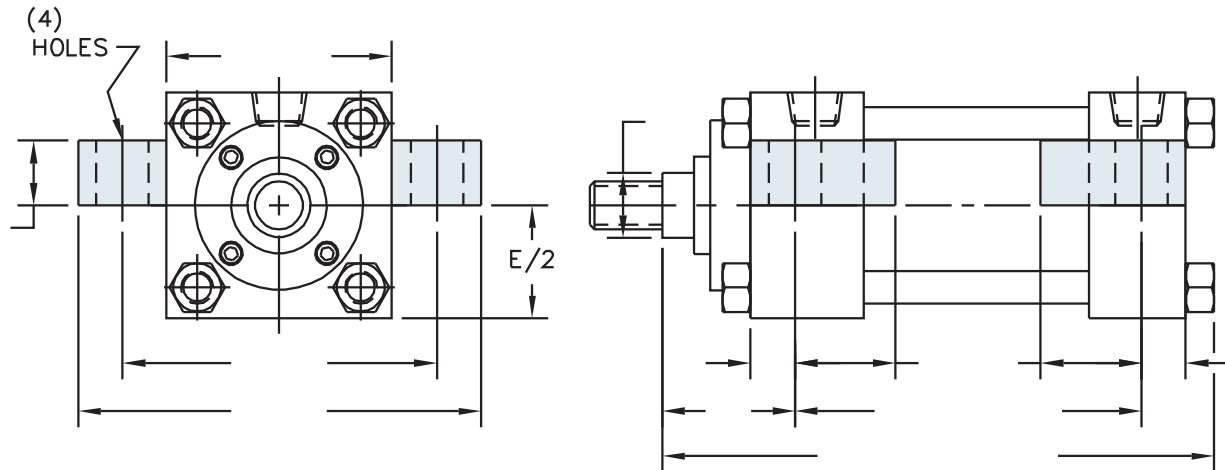
ME4: CAP SQUARE MOUNTING HOLES



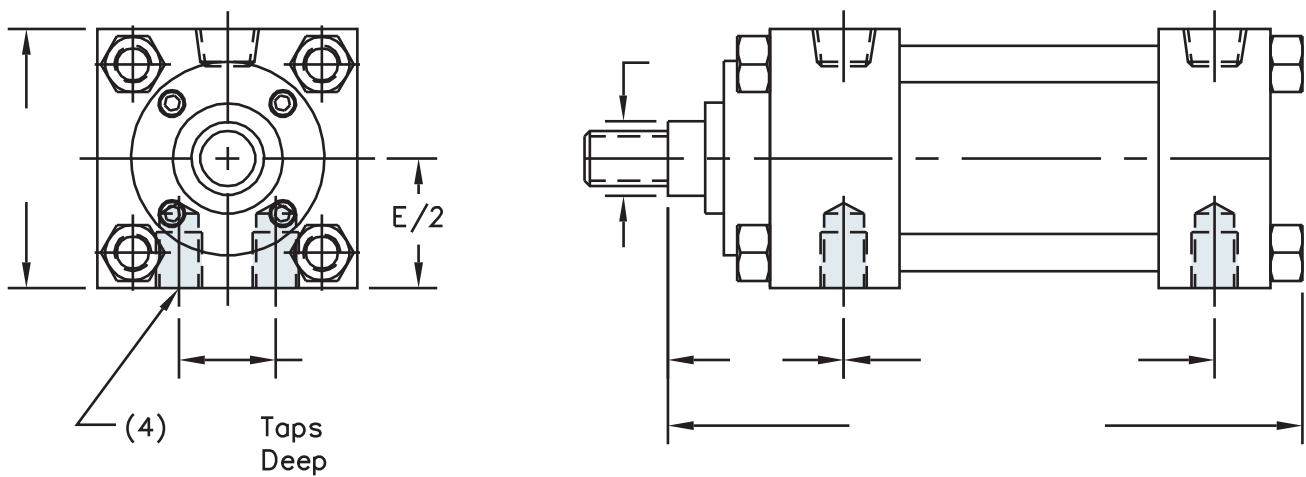
MS2: SIDE LUGS



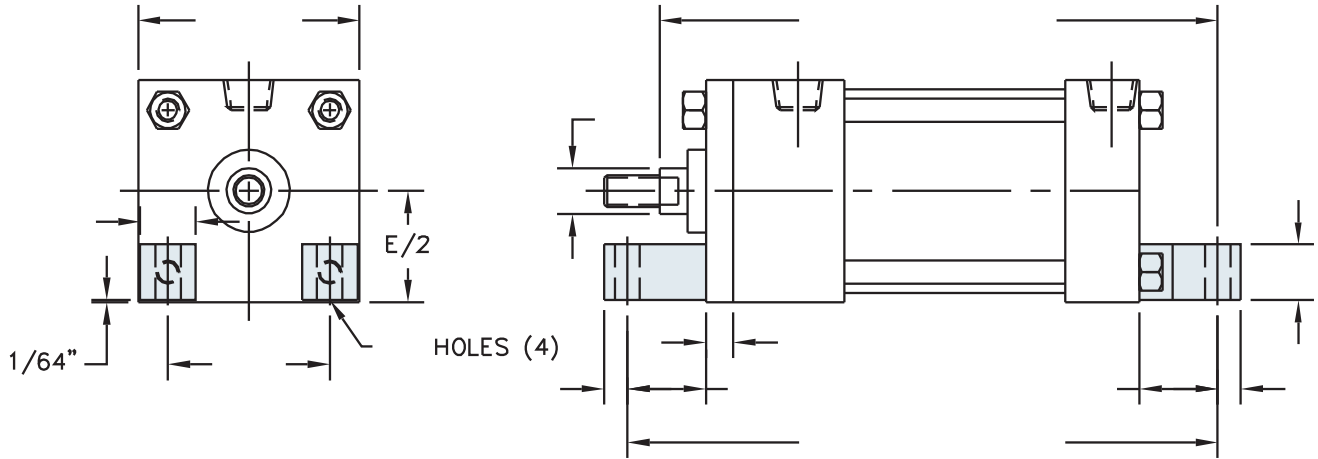
MS3: CENTER LINE LUGS



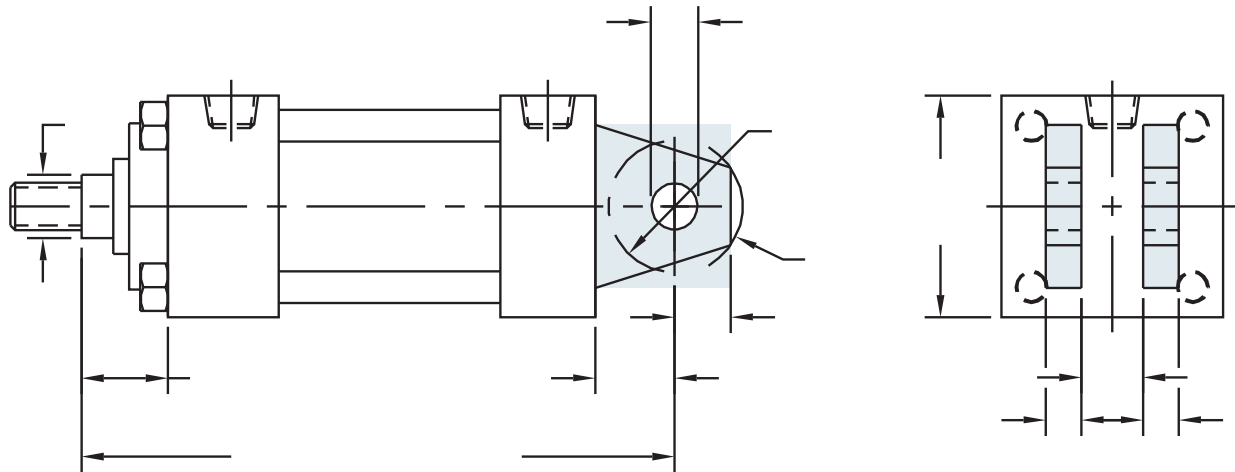
MS4: BOTTOM TAPPED HOLES



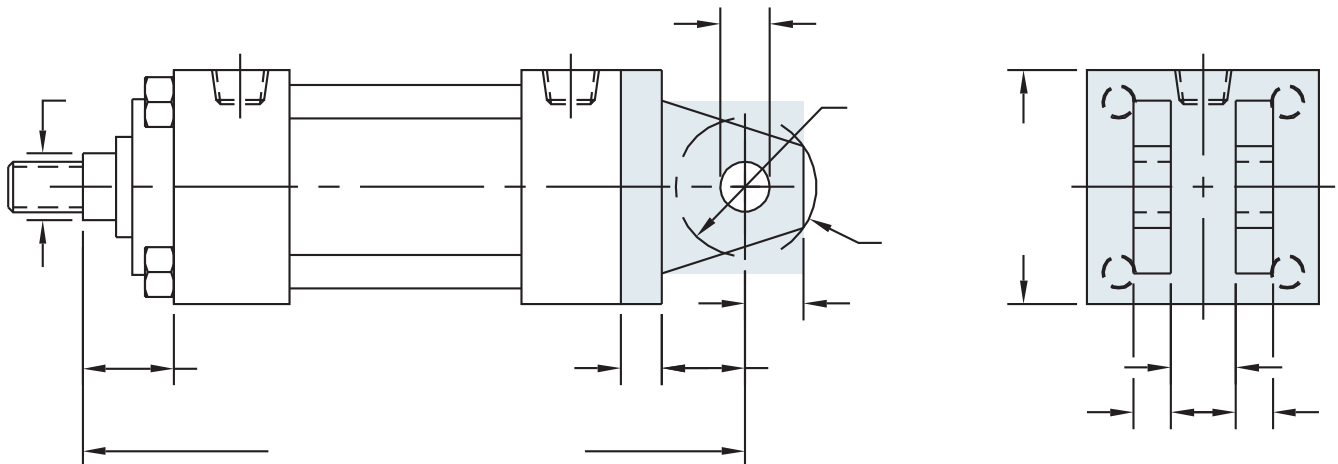
MS7: END LUGS



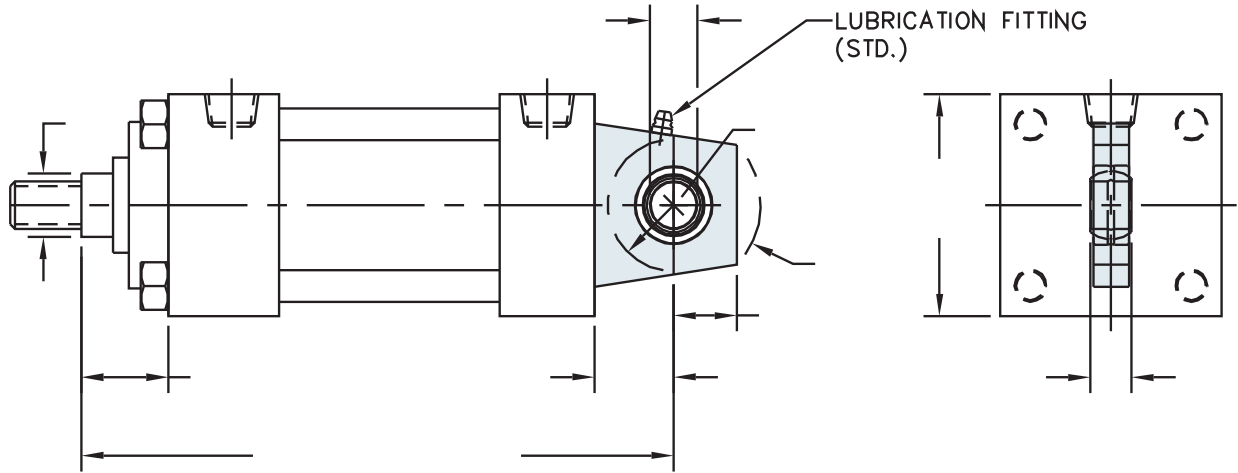
MP1: REAR PIVOT CLEVIS



MP2: REAR PIVOT DETACHABLE CLEVIS



SB: SPHERICAL BEARING





SKETCH
(INCLUDE DIMENSIONS)

A large, empty grid of small squares, intended for sketching a hydraulic cylinder. The grid consists of 30 columns and 30 rows of squares, providing a structured area for technical drawing.

