

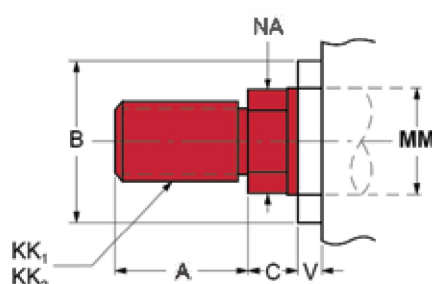
METRIC Piston Rod End Styles (Series MA)

Bore Ø	Rod MM						Rod End Styles					
		B	V	C	*D	NA	KK ₁	A	KK ₂	A	KK ₃	A
25	12	24	6	9	10	11	M10 X 1.25	14	—	—	M8 X 1	14
	18	30			15	17	M14 X 1.5	18	M10 X 1.25	14	M12 X 1.25	18
32	14	26	12	13	12	13	M12 X 1.25	16	—	—	M10 X 1.25	16
	22	34			18	21	M16 X 1.5	22	M12 X 1.25	16	M16 X 1.5	22
40	18	30	6	19	15	17	M14 X 1.5	18	—	—	M12 X 1.25	18
	28	42			22	26	M20 X 1.5	28	M14 X 1.5	18	M20 X 1.5	28
50	22	34	6	19	18	21	M16 X 1.5	22	—	—	M16 X 1.5	22
	28	42			22	16	M20 X 1.5	28	M16 X 1.5	22	M20 X 1.5	28
	36	50	9	16	30	34	M27 X 2	36	M16 X 1.5	22	M27 X 2	36
63	28	42	6	26	22	26	M20 X 1.5	28	—	—	M20 X 1.5	28
	36	50			30	34	M27 X 2	36	M20 X 1.5	28	M27 X 2	36
	45	60	13	19	39	43	M33 X 2	45	M20 X 1.5	28	M33 X 2	45
80	36	50	5	26	30	34	M27 X 2	36	—	—	M27 X 2	36
	45	60			39	43	M33 X 2	45	M27 X 2	36	M33 X 2	45
	56	72	9	22	48	54	M42 X 2	56	M27 X 2	36	M42 X 2	56
100	45	60	7	28	39	43	M33 X 2	45	—	—	M33 X 2	45
	56	72			48	54	M42 X 2	56	M33 X 2	45	M42 X 2	56
	70	88	10	25	62	68	M48 X 2	63	M33 X 2	45	M48 X 2	63
125	56	72	7	28	48	54	M42 X 2	56	—	—	M42 X 2	56
	70	88			62	68	M48 X 2	63	M42 X 2	56	M48 X 2	63
	90	108	10	25	80	88	M64 X 3	85	M42 X 2	56	M64 X 3	85
160	70	88	7	25	62	68	M48 X 2	63	—	—	M48 X 2	63
	90	108			80	88	M64 X 3	85	M48 X 2	63	M64 X 3	85
	110	133			**	108	M80 X 3	95	M48 X 2	63	M80 X 3	95
200	90	108	7	25	80	88	M64 X 3	85	—	—	M64 X 3	85
	110	133			**	108	M80 X 3	95	M64 X 3	85	M80 X 3	95
	140	163			**	138	M100 X 3	112	M64 X 3	85	M100 X 3	112

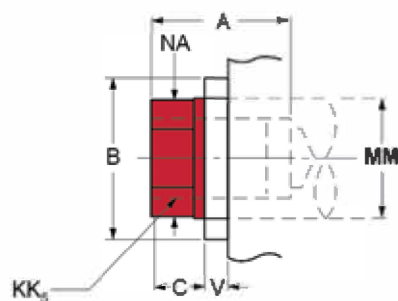
* Distance across wrench flats.

** (4) Spanner holes 13mm x 13mm deep.

Note: Other rod sizes available. Consult factory.



ROD END STYLE
CODE NO. 1 (KK₁)
CODE NO. 2 (KK₂)



ROD END STYLE
CODE NO. 5 (KK₅)