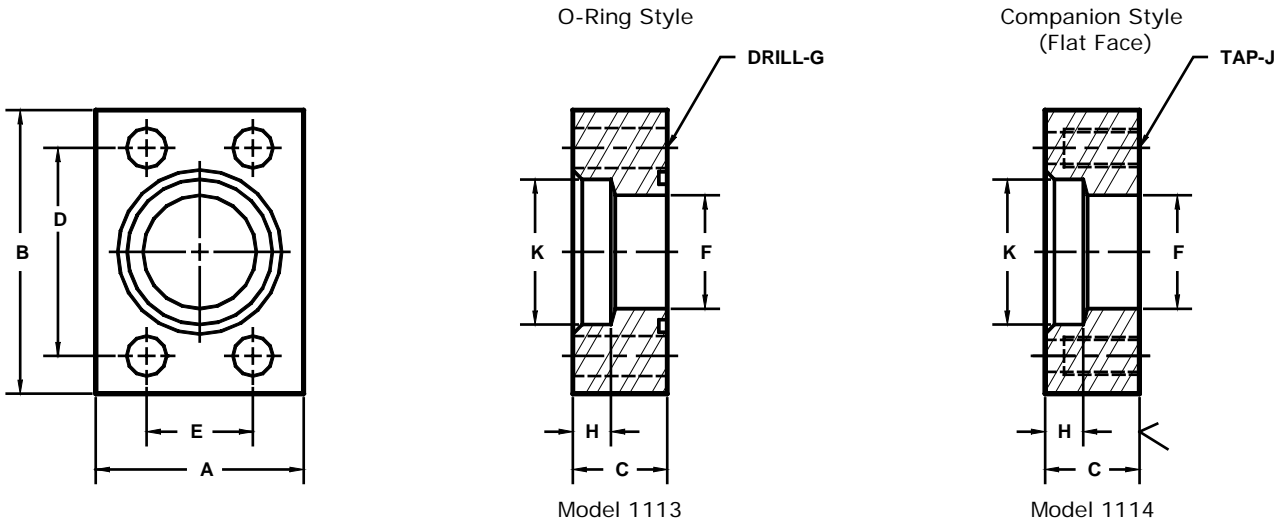


Developers and Manufacturers of
Hydraulic Flanges & Components

SOCKET WELD IN-LINE TUBE FLANGES

ISO 6162-1 PATTERN / J518 61 SERIES METRIC



FLANGE SIZE		TUBE SIZE	PART NUMBER	A	B	C	D	E	F	G	H	J	K	MOUNTING KIT ^①		
														PART NO.	BOLT SIZE	O-RING
13	1/2	1/2	1113-08-08M8	38.0	54.0	19.0	38.10	17.48	7.9	8.5	9.7	----	12.95	MKM 501	M8 x 30	210
			(1.500)				(.688)	---		M8 x 1.25		(.510)	-----	-----	---	
13	1/2	3/4	1113-08-12M8	38.0	54.0	19.0	38.10	17.48	12.5	8.5	9.7	----	19.30	MKM 501	M8 x 30	210
			(1.500)				(.688)	---		M8 x 1.25		(.760)	-----	-----	---	
19	3/4	3/4	1113-12-12M10	44.5	66.5	25.0	47.63	22.23	12.5	10.5	9.7	----	19.30	MKM 502	M10 x 40	214
			(1.875)				(.875)	---		M10 x 1.5		(.760)	-----	-----	---	
19	3/4	7/8	1113-12-14M10	44.5	66.5	25.0	47.63	22.23	19.0	10.5	12.7	----	22.48	MKM 502	M10 x 40	214
			(1.875)				(.875)	---		M10 x 1.5		(.885)	-----	-----	---	
19	3/4	1	1113-12-16M10	44.5	66.5	25.0	47.63	22.23	19.0	10.5	12.7	----	25.65	MKM 502	M10 x 40	214
			(1.875)				(.875)	---		M10 x 1.5		(1.010)	-----	-----	---	
25	1	1	1113-16-16M10	51.0	71.5	25.0	52.37	26.19	19.0	10.5	12.7	----	25.65	MKM 503	M10 x 40	219
			(2.062)				(1.031)	---		M10 x 1.5		(1.010)	-----	-----	---	
25	1	1 1/4	1113-16-20M10	51.0	71.5	25.0	52.37	26.19	25.0	10.5	12.7	----	32.00	MKM 503	M10 x 40	219
			(2.062)				(1.031)	---		M10 x 1.5		(1.260)	-----	-----	---	
32	1 1/4	1 1/4	1113-20-20M10	63.5	81.0	25.0	58.72	30.18	25.0	10.5	12.7	----	32.00	MKM 3524	M10 x 40	222
			(2.312)				(1.188)	---		M10 x 1.5		(1.260)	-----	-----	---	
32	1 1/4	1 1/4	1113-20-20M12*	63.5	81.0	25.0	58.72	30.18	25.0	12.5	12.7	----	32.00	MKM 504	M12 x 45	222
			(2.312)				(1.188)	---		M12 x 1.75		(1.260)	-----	-----	---	
32	1 1/4	1 1/2	1113-20-24M10	63.5	81.0	25.0	58.72	30.18	31.5	10.5	12.7	----	38.35	MKM 3524	M10 x 40	222
			(2.312)				(1.188)	---		M10 x 1.5		(1.510)	-----	-----	---	
32	1 1/4	1 1/2	1113-20-24M12*	63.5	81.0	25.0	58.72	30.18	31.5	12.5	12.7	----	38.35	MKM 504	M12 x 45	222
			(2.312)				(1.188)	---		M12 x 1.75		(1.510)	-----	-----	---	
38	1 1/2	1 1/2	1113-24-24M12	70.0	95.5	31.5	69.85	35.71	31.5	13.0	12.7	----	38.35	MKM 3596	M12 x 50	225
			(2.750)				(1.406)	---		M12 x 1.75		(1.510)	-----	-----	---	
38	1 1/2	1 1/2	1113-24-24M14*	70.0	95.5	31.5	69.85	35.71	31.5	15.0	12.7	----	38.35	MKM 505	M14 x 55	225
			(2.750)				(1.406)	---		M14 x 2		(1.510)	-----	-----	---	

① Order Separately

*Non Standard Bolt For This Flange Size.

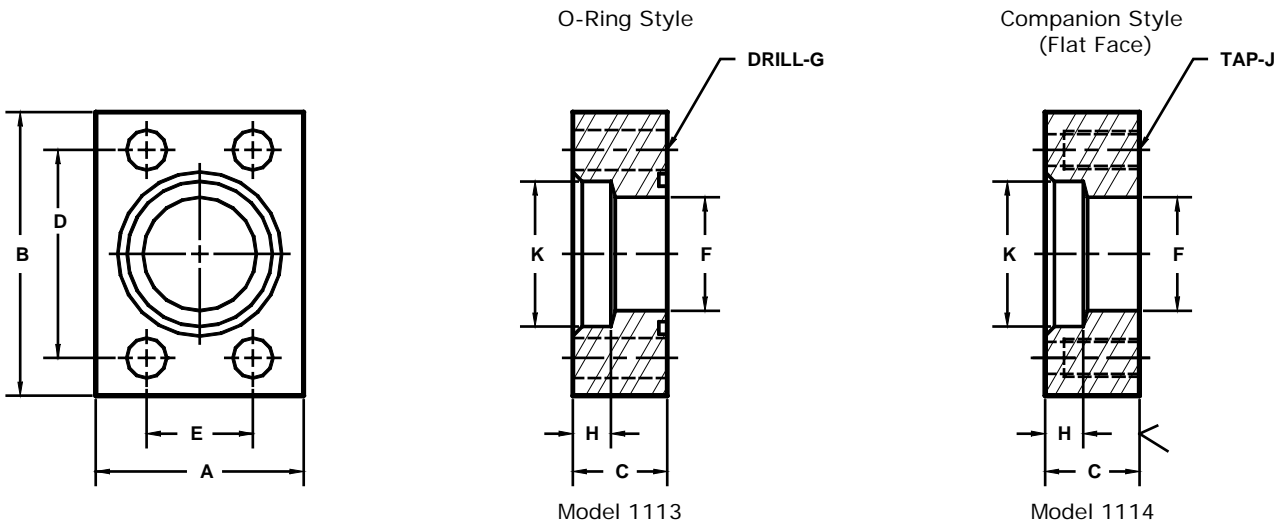
NOTE: DIMENSIONS ARE IN MILLIMETERS. INCH EQUIVALENTS IN ().

MATERIAL : STEEL
1/07

Developers and Manufacturers of Hydraulic Flanges & Components

SOCKET WELD IN-LINE TUBE FLANGES

ISO 6162-1 PATTERN / J518 61 SERIES METRIC



FLANGE SIZE		TUBE SIZE	PART NUMBER	A	B	C	D	E	F	G	H	J	K	MOUNTING KIT ^①		
														PART NO.	BOLT SIZE	O-RING
38	1½	1¾	1113-24-28M12	70.0	95.5	31.5	69.85	35.71	38.0	13.0	12.7	----	44.70	MKM 3596	M12 x 50	225
			(2.750)				(1.406)	M12 x 1.75				(1.760)	-----	-----	---	
38	1½	1¾	1113-24-28M14*	70.0	95.5	31.5	69.85	35.71	38.0	15.0	12.7	----	44.70	MKM 505	M14 x 55	225
			(2.750)				(1.406)	M14 x 2				(1.760)	-----	-----	---	
38	1½	2	1113-24-32M12	70.0	95.5	31.5	69.85	35.71	38.0	13.0	12.7	----	51.05	MKM 3596	M12 x 50	225
			(2.750)				(1.406)	M12 x 1.75				(2.010)	-----	-----	---	
38	1½	2	1113-24-32M14*	70.0	95.5	31.5	69.85	35.71	38.0	15.0	12.7	----	51.05	MKM 505	M14 x 55	225
			(2.750)				(1.406)	M14 x 2				(2.010)	-----	-----	---	
51	2	1½	1113-32-24M12	82.5	101.5	38.0	77.77	42.88	31.5	13.0	12.7	----	38.35	MKM 3501	M12 x 55	228
			(3.062)				(1.688)	M12 x 1.75				(1.510)	-----	-----	---	
51	2	1½	1113-32-24M14*	82.5	101.5	38.0	77.77	42.88	31.5	15.0	12.7	----	38.35	MKM 506	M14 x 60	228
			(3.062)				(1.688)	M14 x 2				(1.510)	-----	-----	---	
51	2	2	1113-32-32M12	82.5	101.5	38.0	77.77	42.88	38.0	13.0	12.7	----	51.05	MKM 3501	M12 x 55	228
			(3.062)				(1.688)	M12 x 1.75				(2.010)	-----	-----	---	
51	2	2	1113-32-32M14*	82.5	101.5	38.0	77.77	42.88	38.0	15.0	12.7	----	51.05	MKM 506	M14 x 60	228
			(3.062)				(1.688)	M14 x 2				(2.010)	-----	-----	---	
51	2	2¼	1113-32-36M12	82.5	101.5	38.0	77.77	42.88	49.2	13.0	15.7	----	57.40	MKM 3501	M12 x 55	228
			(3.062)				(1.688)	M12 x 1.75				(2.260)	-----	-----	---	
51	2	2¼	1113-32-36M14*	82.5	101.5	38.0	77.77	42.88	49.2	15.0	15.7	----	57.40	MKM 506	M14 x 60	228
			(3.062)				(1.688)	M14 x 2				(2.260)	-----	-----	---	
64 ^②	2½	2	1113-40-32M12	101.5	114.0	44.0	88.90	50.80	38.0	13.0	12.7	----	51.05	MKM 4511	M12 x 60	232
			(3.500)				(2.000)	M12 x 1.75				(2.010)	-----	-----	---	
64 ^②	2½	2	1113-40-32M14*	101.5	114.0	44.0	88.90	50.80	38.0	15.0	12.7	----	51.05	MKM 507	M14 x 65	232
			(3.500)				(2.000)	M14 x 2				(2.010)	-----	-----	---	

① Order Separately ② 16 MPa Max
*Non Standard Bolt For This Flange Size.

MATERIAL : STEEL
1/07

NOTE: DIMENSIONS ARE IN MILLIMETERS. INCH EQUIVALENTS IN ().