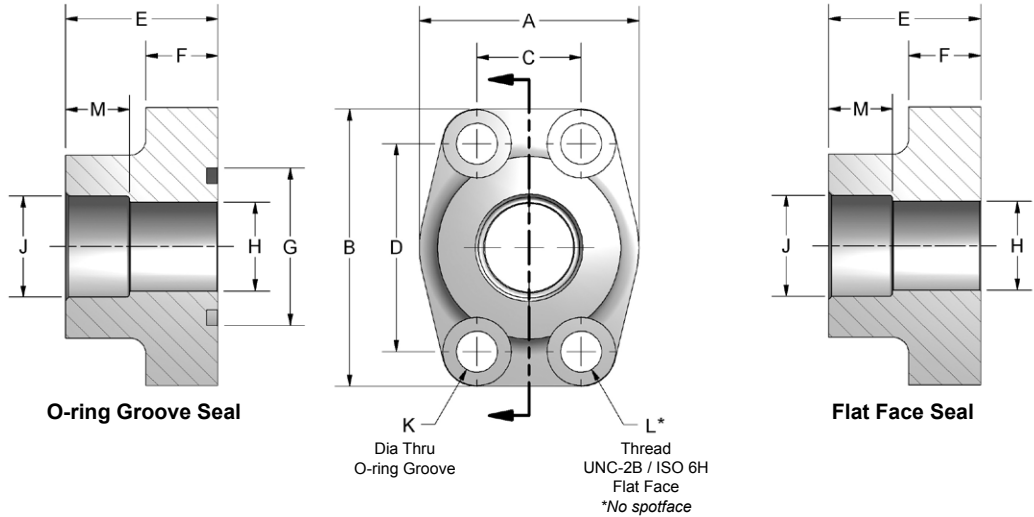
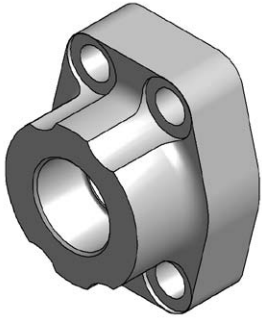


Deep Socket Weld Tube



Ordering Information

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Deep Socket Weld Tube

CODE 61 DEEP SOCKET WELD - TUBE																		
FLANGE SIZE	TUBE SIZE	A	B	C	D	E	F	G	H	J	K DIA THRU		L THREAD		M	MOUNTING HARDWARE SHCS		
											Mounting U or X	Mounting M or Y	UNC-2B U or X	ISO 6H M or Y		O-RING	Mounting U	Mounting M
0.75	0.75	1.97	2.56	.875	1.875	1.42	.71	1.250	.625	.752	.406	10.5mm	0.375-16	M10-1.5	.560	214	0.375-16x1.50	M10-1.5x40
0.75	1.00	1.97	2.56	.875	1.875	1.42	.71	1.250	.750	1.002	.406	10.5mm	0.375-16	M10-1.5	.560	214	0.375-16x1.50	M10-1.5x40
1.00	1.00	2.17	2.75	1.031	2.062	1.50	.71	1.560	.875	1.002	.406	10.5mm	0.375-16	M10-1.5	.630	219	0.375-16x1.50	M10-1.5x40
1.00	1.25	2.17	2.75	1.031	2.062	1.50	.71	1.560	1.000	1.252	.406	10.5mm	0.375-16	M10-1.5	.630	219	0.375-16x1.50	M10-1.5x40
1.25	1.25	2.68	3.12	1.188	2.312	1.61	.83	1.750	1.125	1.252	.469	10.5mm	0.438-14	M10-1.5	.690	222	0.438-14x1.75	M10-1.5x45
1.25	1.50	2.68	3.12	1.188	2.312	1.61	.83	1.750	1.250	1.502	.469	10.5mm	0.438-14	M10-1.5	.690	222	0.438-14x1.75	M10-1.5x45
1.50	1.50	3.07	3.66	1.406	2.750	1.77	.98	2.115	1.375	1.502	.531	12.5mm	0.500-13	M12-1.75	.750	225	0.500-13x1.75	M12-1.75x45
1.50	1.75	3.07	3.66	1.406	2.750	1.77	.98	2.115	1.500	1.752	.531	12.5mm	0.500-13	M12-1.75	.750	225	0.500-13x1.75	M12-1.75x45
2.00	2.00	3.54	4.00	1.688	3.062	1.77	.98	2.490	1.875	2.002	.531	12.5mm	0.500-13	M12-1.75	.870	228	0.500-13x1.75	M12-1.75x45
2.00	2.25	3.54	4.00	1.688	3.062	1.77	.98	2.490	2.000	2.252	.531	12.5mm	0.500-13	M12-1.75	.870	228	0.500-13x1.75	M12-1.75x45
2.50	2.50	4.09	4.49	2.000	3.500	1.97	.98	2.995	2.375	2.502	.531	12.5mm	0.500-13	M12-1.75	1.000	232	0.500-13x1.75	M12-1.75x45
2.50	2.75	4.09	4.49	2.000	3.500	1.97	.98	2.995	2.500	2.752	.531	12.5mm	0.500-13	M12-1.75	1.000	232	0.500-13x1.75	M12-1.75x45

Pressure Ratings and Fastener Torque Values

CODE 61 SAE J518-1 / ISO 6162-1						
Dash Size	Inch Size	Max Working Pressure		Fastener Torque Value		
		PSI	MPa	Grade 8 UNC (lb-ft)	Grade 10.9 Metric (N-m)	
-8	0.50"	5000	35.0	24	32	
-12	0.75"	5000	35.0	44	70	
-16	1.00"	4600	32.0	44	70	
-20	1.25"	4000	28.0	68	70	
-24	1.50"	3000	21.0	111	130	
-32	2.00"	3000	21.0	111	130	
-40	2.50"	2500	17.5	111	130	
-48	3.00"	2300	16.0	218	295	
-56	3.50"	500	3.5	218	295	
-64	4.00"	500	3.5	218	295	
-80	5.00"	500	3.5	218	295	

Please note that all pressure ratings in this catalog refer to the flange connection. Adapting the flange to other connections, such as braze tube, welded pipe, or threaded ports / stud ends could reduce maximum working pressure.