

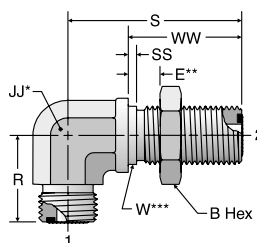
WELO Full Dimensions

Bulkhead Union Elbow
ORFS / ORFS

SAE 520701

WELO-WLNL - Body with Locknut

(See [page A12](#) for WLNL)



TUBE FITTING PART #	END SIZE		B HEX (in.)	E MAX (in.)	JJ (in.)	R (in.)	S (in.)	SS (in.)	W (in.)	WW (in.)	STANDARD Dynamic Pressure (x 1,000 PSI)	
	1 (in.)	2 (in.)									-S	-SS
4 WELO	1/4	1/4	13/16	0.53	9/16	0.89	1.85	0.06	0.56	1.24	9.2	
6 WELO	3/8	3/8	1	0.53	3/4	1.02	2.05	0.06	0.69	1.34	9.2	
8 WELO	1/2	1/2	1 1/8	0.53	3/4	1.14	2.18	0.06	0.81	1.44	9.2	
10 WELO	5/8	5/8	1 5/16	0.52	1 1/16	1.36	2.48	0.06	1.00	1.60	6.0	
12 WELO	3/4	3/4	1 1/2	0.50	1 3/16	1.52	2.65	0.06	1.19	1.64	6.0	
14 WELO****	7/8	7/8	1 5/8	0.51	1 7/16	1.67	2.80	0.06	1.31	1.66		
16 WELO	1	1	1 3/4	0.51	1 7/16	1.67	2.80	0.06	1.44	1.66	6.0	
20 WELO	1 1/4	1 1/4	2	0.51	1 5/8	1.79	2.97	0.06	1.69	1.66	5.0	
24 WELO	1 1/2	1 1/2	2 3/8	0.51	1 7/8	1.95	3.13	0.06	2.00	1.66	4.0	

* JJ – Across wrench flats.

** E – Maximum bulkhead thickness.

*** W – Bulkhead pilot diameter. Recommended clearance hole is W + 0.015".

**** Size 14 is not included in SAE J1453.

WEMLO Full Dimensions

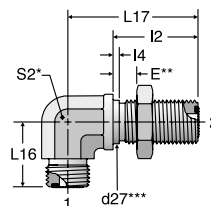
Bulkhead Union Elbow – mm Hex
ORFS / ORFS

ISO 8434-3 BHE

SAE 52M0701

WEMLOWLNL - Body with Locknut

(See [page A12](#) for WLNL)



TUBE FITTING PART #	END SIZE		d27 (mm)	E (mm)	I2 (mm)	I4 (mm)	L16 (mm)	L17 (mm)	S2 (mm)	STANDARD Dynamic Pressure (x 1,000 PSI)	
	1 & 2 (mm)	(in.)								S	SS
4WEMLO	6	1/4	14.3	14	31.5	1.5	22.5	47	14	9.2	
6WEMLO	8,10	3/8	17.5	14	34	1.5	26	52	19		
8WEMLO	12	1/2	20.6	14	36.5	2.5	29	55.5	19	9.2	
10WEMLO	14,15,16	5/8	25.4	14	40.5	2.5	34.5	63	27	6.0	
12WEMLO	18,20	3/4	30.2	14	41.5	3	38.5	67	30	6.0	
16WEMLO	22,25	1	36.5	14	42	3	42.5	71	36	6.0	
20WEMLO	28,30,32	1 1/4	42.9	14	42	3	45.5	75.5	41	5.0	
24WEMLO	35,38	1 1/2	50.8	14	42	3	49.5	79.5	50	4.0	

* S2 – Across wrench flats.

** E – Maximum bulkhead thickness.

***d27 - Bulkhead pilot diameter. Recommended clearance is d27 + 0.4 mm.

Dimensions and pressures for reference only, subject to change.

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