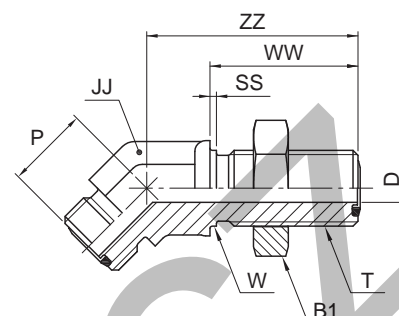


## WNLO Bulkhead union 45° elbow

O-Lok® ORFS tube ends  
SAE 520801 ISO 8434-3 BHE 45



Tube O.D.		Thread UN/UNF-2A T	B1	D	JJ*	P	SS	W	WW	ZZ	Weight (steel) g/1 piece	O-Lok® Steel	PN (bar)
mm	in.		mm	mm	mm	mm	mm	mm	mm	mm			
6	1/4	9/16-18	20.6	4.5	14	16	2	14	32	44	65	<b>4 WNLO-WLNL-S</b>	630
8, 10	5/16, 3/8	11/16-16	25.4	6.5	19	19	2	17	34	49	123	<b>6 WNLO-WLNL-S</b>	630
12	1/2	13/16-16	28.6	9.5	19	21	2	21	37	51	163	<b>8 WNLO-WLNL-S</b>	630
14, 15, 16	5/8	1-14	33.3	12.5	27	24	2	25	41	57	252	<b>10 WNLO-WLNL-S</b>	420
18, 20	3/4	1 3/16-12	38.0	15.5	30	26	2	30	42	61	386	<b>12 WNLO-WLNL-S</b>	420
22, 25	1	1 7/16-12	44.5	20.5	36	30	2	37	42	65	465	<b>16 WNLO-WLNL-S</b>	420
28, 30, 32	1 1/4	1 11/16-12	50.4	26.0	41	32	2	43	42	67	578	<b>20 WNLO-WLNL-S</b>	350
35, 38	1 1/2	2-12	60.3	32.0	48	37	2	51	42	67	770	<b>24 WNLO-WLNL-S</b>	280

Product delivered with NBR TRAP seal. Replacement of TRAP seal is with a standard NBR O-ring – see page J73-J74.

Part numbers shown are part of our current manufacturing programme.

Imperial and metric parts may vary in hexagon dimensions.

For the version without the locknut remove “WLNL” (e.g. 16 WNLO)

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.

\*JJ may vary in stainless steel

### Maximum bulkhead wallthickness

Size	Tube O.D.		Straight bulkhead union Max. thickness mm	Shape bulkhead union Max. thickness mm
	inch	metric		
4	1/4	6	13.5	13.5
6	3/8	10	13.5	13.5
8	1/2	12	13.5	13.5
10	5/8	14-16	13.2	13.2
12	3/4	18-20	12.7	12.7
16	1	22-25	13.0	13.0
20	1 1/4	28-32	13.0	13.0
24	1 1/2	35-38	13.0	13.0