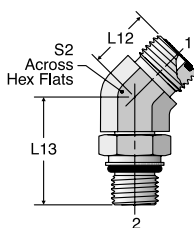


V870MLO Full Dimensions

45° Metric Straight Thread Elbow
ORFS / ISO 6149

ISO 8434-3 SDE45
SAE 52M0387



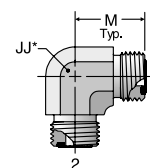
* S2 – Across
Hex Flats

TUBE FITTING PART #	END SIZE			L12 (mm)	L13 (mm)	S2 (mm)	STANDARD Dynamic Pressure (x 1,000 PSI)	
	1		2				S	SS
	(mm)	(in.)	ISO 261					
4M12V870MLO	6	1/4	M12X1.5	16	30	14	6.0	
4M14V870MLO	6	1/4	M14X1.5	18	31.5	17	6.0	
6M16V870MLO	8,10	3/8	M16X1.5	19	33.5	17	6.0	
8M18V870MLO	12	1/2	M18X1.5	20.5	37	19	6.0	
10M22V870MLO	14,15,16	5/8	M22X1.5	23.5	44	27	6.0	
12M27V870MLO	18,20	3/4	M27X2	26	50.5	27	6.0	
16M33V870MLO	22,25	1	M33X2	30	52.5	36	5.0	
20M42V870MLO	28,30,32	1 1/4	M42X2	32	54	41	4.0	
24M48V870MLO	35,38	1 1/2	M48X2	37	56.5	50	4.0	

ELO Full Dimensions

Union Elbow
ORFS / ORFS

SAE 520201



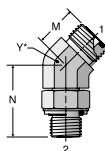
* JJ – Across
Wrench Flats

TUBE FITTING PART #	END SIZE		JJ (in.)	M (in.)	STANDARD Dynamic Pressure (x 1,000 PSI)	
	1	2			-S	-SS
	(in.)	(in.)				
4 ELO	1/4	1/4	9/16	0.85	9.2	9.2
6 ELO	3/8	3/8	3/4	0.98	9.2	9.2
8 ELO	1/2	1/2	3/4	1.10	9.2	9.2
10 ELO	5/8	5/8	1 1/16	1.31	6.0	
12 ELO	3/4	3/4	1 3/16	1.47	6.0	6.0
14 ELO**	7/8	7/8	1 5/16	1.63		
16 ELO	1	1	1 7/16	1.64	6.0	6.0
20 ELO	1 1/4	1 1/4	1 5/8	1.76	5.0	
24 ELO	1 1/2	1 1/2	1 7/8	1.92	4.0	4.0
32 ELO**	2	2	2 1/2	2.76	3.0	

** Sizes 14 and 32 are not included in SAE J1453.

V40MLO Full Dimensions

Male 45° Elbow – BSPP
(for ISO 1179-1 Port)
ORFS / BSPP-ORR



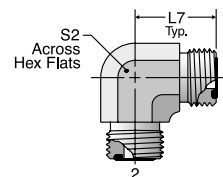
* Y – Across Hex
Flats

TUBE FITTING PART #	END SIZE			M (mm)	N (mm)	Y (mm)	STANDARD Dynamic Pressure (x 1,000 PSI)	
	1		2				S	SS
	(mm)	(in.)	BSPP					
4V4OMLO	6	1/4	1/8 - 28	16	27.5	14	4.0	
4-4V4OMLO	6	1/4	1/4 - 19	17.5	32	19	4.0	
6V4OMLO	8,10	3/8	1/4 - 19	19	32	19	4.0	
6-6V4OMLO	8,10	3/8	3/8 - 19	19	33.5	19	4.0	
6-8V4OMLO	8,10	3/8	1/2 - 14	19.5	43.5	27	4.0	
8V4OMLO	12	1/2	3/8 - 19	20.5	33.5	19	4.0	
8-8V4OMLO	12	1/2	1/2- 14	21	43.5	27	4.0	
10V4OMLO	14,15,16	5/8	1/2 - 14	23.5	43.5	27	4.0	
10-12V4OMLO	14,15,16	5/8	3/4 - 14	24.5	46.5	30	4.0	
12V4OMLO	18,20	3/4	3/4 - 14	26	46.5	30	4.0	
12-16V4OMLO	18,20	3/4	1 - 11	26	51	37	4.0	
16V4OMLO	22,25	1	1 - 11	30	51	37	4.0	

EMLO Full Dimensions

Union Elbow – mm Hex
ORFS / ORFS

ISO 8434-3 E
SAE 52M0201



TUBE FITTING PART #	END SIZE		L7 (mm)	S2 (mm)	STANDARD Dynamic Pressure (x 1,000 PSI)	
	1 & 2				S	SS
	(mm)	(in.)				
4EMLO	6	1/4	21.5	14	9.2	
6EMLO	8,10	3/8	25	19	9.2	
8EMLO	12	1/2	28	19	9.2	
10EMLO	14,15,16	5/8	33.5	27	6.0	
12EMLO	18,20	3/4	37.5	30	6.0	
16EMLO	22,25	1	41.5	36	6.0	
20EMLO	28,30,32	1 1/4	44.5	41	5.0	
24EMLO	35,38	1 1/2	49	50	4.0	

Dimensions and pressures for reference only, subject to change.