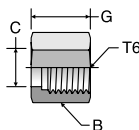


BL

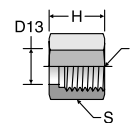
Tube Nut
ORFS

SAE 520110

**BML**

Tube Nut – mm Hex
ORFS

ISO 8434-3 NA
SAE 52M0110A



TUBE FITTING PART #	END SIZE (in.)	T6 UNF/UNF-2B	B HEX (in.)	C (in.)	G (in.)	STANDARD MATERIAL FROM STOCK	
						-S	-SS
4 BL	1/4	9/16-18	11/16	0.41	0.58	•	•
6 BL	3/8	11/16-16	13/16	0.53	0.67	•	•
8 BL	1/2	13/16-16	15/16	0.65	0.83	•	•
10 BL	5/8	1-14	1 1/8	0.83	0.93	•	•
12 BL	3/4	1 3/16-12	1 3/8	0.95	1.02	•	•
12-14 BL	7/8	1 3/16-12	1 3/8	0.99	1.22	•	•
14 BL*	7/8	1 5/16-12	1 1/2	1.08	1.04	•	•
16 BL	1	1 7/16-12	1 5/8	1.14	1.10	•	•
20 BL	1 1/4	1 11/16-12	1 7/8	1.42	1.10	•	•
24 BL	1 1/2	2-12	2 1/4	1.73	1.10	•	•
32 BL*	2	2 1/2-2	2 7/8	2.22	1.30	•	•

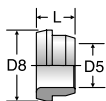
* Sizes 14 and 32 are not included in SAE J1453.

** These tube nuts should not be exposed to annealing temperatures, such as furnace brazing. [Contact the Tube Fittings Division](#) for information on special nuts.

TUBE FITTING PART #	END SIZE		D THREAD UN/UNF-2B	D13 DRILL (mm)	H (mm)	S HEX (mm)	STANDARD MATERIAL FROM STOCK	
	(mm)	(in.)					S	SS
4BML	6	1/4	9/16-18	10.5	15	17	•	•
6BML	8,10	3/8	11/16-16	13.55	17	22	•	•
8BML	12	1/2	13/16-16	16.6	20	24	•	•
10BML	14,15,16	5/8	1-14	21.1	24	30	•	•
12BML	18,20	3/4	1 3/16-12	24.15	26.5	36	•	•
16BML	22,25	1	1 7/16-12	29.1	27.5	41	•	•
20BML	28,30,32	1 1/4	1 11/16-12	36	27.5	50	•	•
24BML	35,38	1 1/2	2-12	44	27.5	60	•	•

TPL

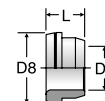
Parflange Sleeve
for Inch Tubing
ORFS Mechanically
Attachable Sleeve



TUBE FITTING PART #	D5 END SIZE (in.)	D8 DIA (in.)	L (in.)	STANDARD MATERIAL FROM STOCK	
				-S	-SS
4 TPL	1/4	0.50	0.30	•	•
6 TPL	3/8	0.62	0.34	•	•
8 TPL	1/2	0.74	0.42	•	•
10 TPL	5/8	0.92	0.42	•	•
12 TPL	3/4	1.09	0.47	•	•
16 TPL	1	1.34	0.53	•	•
20 TPL	1 1/4	1.59	0.52	•	•
24 TPL	1 1/2	1.91	0.49	•	•
32 TPL	2	2.39	0.54	•	•

TPL (Metric)

Parflange Sleeve for
Metric Tubing
ORFS Mechanically
Attachable Sleeve



TUBE FITTING PART #	USED WITH FITTING SIZE	D5 END SIZE (mm)	D8 DIA (mm)	L (mm)	STANDARD MATERIAL FROM STOCK	
					-S	-SS
TPLS6	-4	6	13	7.5	•	•
TPLS8	-6	8	16	8.5	•	•
TPLS10	-6	10	16	8.5	•	•
TPLS12	-8	12	19	10.5	•	•
TPLS14	-10	14	21	10.5	•	•
TPLS15	-10	15	23.5	10.5	•	•
TPLS16	-10	16	23.5	10.5	•	•
TPLS18	-12	18	28	12	•	•
TPLS20	-12	20	28	12	•	•
TPLS22	-16	22	34	13.5	•	•
TPLS25	-16	25	34	13.5	•	•
TPLS28	-20	28	40.5	13	•	•
TPLS30	-20	30	40.5	13	•	•
TPLS32	-20	32	40.5	13	•	•
TPLS35	-24	35	48.5	12.5	•	•
TPLS38	-24	38	48.5	12.5	•	•

Dimensions and pressures for reference only, subject to change.

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