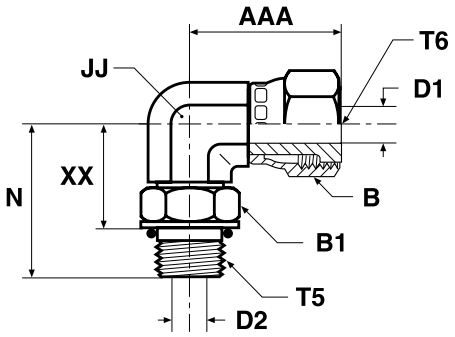
AOEL6 Swivel nut stud elbow

ORFS Female swivel end / Male UN/UNF thread – O-ring (ISO 11926)
SAE 520281



Tube O.D. mm	Tube O.D. in.	Thread UN/UNF-2A T5	Thread UN/UNF-2B T6	AAA mm	B mm	B1 mm	D1 mm	D2 mm	JJ* mm	N mm	XX mm	Weight (steel) g/1 piece	Steel	Stainless Steel	PN (bar) S	PN (bar) SS
6	1/4	7/16-20	9/16-18	26	18	14	4	4.5	14	33	22	47	**4 AOEL6-S**	**4 AOEL6-SS**	420	420
8, 10	5/16, 3/8	9/16-18	11/16-16	30	21	19	6.5	7.5	19	37	25	97	**6 AOEL6-S**	**6 AOEL6-SS**	420	420
12	1/2	3/4-16	13/16-16	38	24	24	9	10	19	41	27	104	**8 AOEL6-S**	**8 AOEL6-SS**	420	420
14, 15, 16	5/8	7/8-14	1-14	42	29	27	11.5	12.5	27	50	34	199	**10 AOEL6-S**	**10 AOEL6-SS**	420	420
18, 20	3/4	1 1/16-12	1 3/16-12	46	35	35	14	15.5	27	55	37	162	**12 AOEL6-S**	**12 AOEL6-SS**	420	420
22, 25	1	1 5/16-12	1 7/16-12	53	41	41	20	21.5	33	60	42	365	**16 AOEL6-S**	**16 AOEL6-SS**	380	380
28, 30, 32	1 1/4	1 5/8-12	1 11/16-12	58	48	48	26	27.5	41	62	44	480	**20 AOEL6-S**	**20 AOEL6-SS**	280	280
35, 38	1 1/2	1 7/8-12	2-12	61	57	54	32	33.5	50	66	47	933	**24 AOEL6-S**	**24 AOEL6-SS**	280	280

O-Lok® is delivered with NBR elastomeric seals as standard. For more details on other seal materials see page J74–J75.

Part numbers shown are part of our current manufacturing programme.

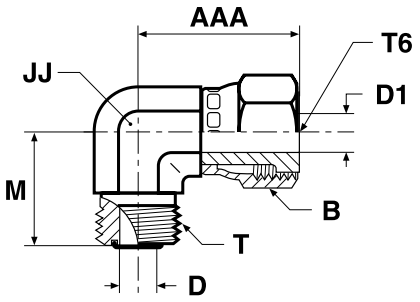
Imperial and metric parts may vary in hexagon dimensions.

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

Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.
*JJ may vary in stainless steel

C6MLO Swivel nut elbow

ORFS Female swivel end / O-Lok® ORFS tube end
SAE 52M0221 ISO 8434-3 SWE



Tube O.D. mm	Tube O.D. in.	Thread UN/UNF-2A T	Thread UN/UNF-2B T6	AAA mm	B mm	D mm	D1 mm	JJ* mm	M mm	Weight (steel) g/1 piece	Steel	Stainless Steel	PN (bar) S	PN (bar) SS
6	1/4	9/16-18	9/16-18	26	17	4.5	4	14	22	45	**4C6MLOS**	**4C6MLOSS**	500	420
8, 10	5/16, 3/8	11/16-16	11/16-16	29	22	6.5	6.5	19	25	84	**6C6MLOS**	**6C6MLOSS**	630	420
12	1/2	13/16-16	13/16-16	38	24	9.5	9	19	28	126	**8C6MLOS**	**8C6MLOSS**	630	420
14, 15, 16	5/8	1-14	1-14	41	30	12.5	11.5	27	33	221	**10C6MLOS**	**10C6MLOSS**	420	420
18, 20	3/4	1 3/16-12	1 3/16-12	46	36	15.5	14	30	37	284	**12C6MLOS**	**12C6MLOSS**	420	420
22, 25	1	1 7/16-12	1 7/16-12	53	41	20.5	20	36	42	541	**16C6MLOS**	**16C6MLOSS**	420	420
28, 30, 32	1 1/4	1 11/16-12	1 11/16-12	58	48	26	26	41	45	557	**20 C6LO-S**	**20C6MLOSS**	350	280
35, 38	1 1/2	2-12	2-12	61	57	32	32	48	49	706	**24 C6LO-S**	**24C6MLOSS**	280	280

Product delivered with NBR TRAP seal. Replacement of TRAP seal is with a standard NBR O-ring – see page J74–J75.

Part numbers shown are part of our current manufacturing programme.

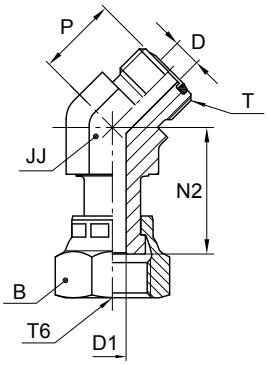
Imperial and metric parts may vary in hexagon dimensions.

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

Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.
*JJ may vary in stainless steel

V6LO 45° Swivel nut elbow

ORFS female swivel end / ORFS tube end



*JJ – Across wrench flats

Tube O.D. mm	Tube O.D. in.	Thread UN/UNF-2A T	Thread UN/UNF-2B T6	B mm	D mm	D1 mm	JJ* mm	N2 mm	P mm	Weight (steel) g/1 piece	Steel	PN (bar)
6	1/4	9/16-18	9/16-18	18	4.5	4	14	25	16	44	**4 V6LO-S**	500
8, 10	5/16, 3/8	11/16-16	11/16-16	22	6.5	6.5	19	30	19	96	**6V6MLOS**	630
12	1/2	13/16-16	13/16-16	24	9.5	9	19	38	20	110	**8 V6LO-S**	630
14, 15, 16	5/8	1-14	1-14	30	12.5	11.5	27	42	23	235	**10V6MLOS**	420
18, 20	3/4	1 3/16-12	1 3/16-12	36	15.5	14	30	46	26	349	**12V6MLOS**	420
22, 25	1	1 7/16-12	1 7/16-12	41	20.5	20	36	48	30	300	**16 V6LO-S**	420
28, 30, 32	1 1/4	1 11/16-12	1 11/16-12	48	26	26	41	50	32	444	**20 V6LO-S**	350
35, 38	1 1/2	2-12	2-12	57	32	32	48	52	37	568	**24 V6LO-S**	280

Product delivered with NBR TRAP seal. Replacement of TRAP seal is with a standard NBR O-ring – see page J74–J75.

Part numbers shown are part of our current manufacturing programme.

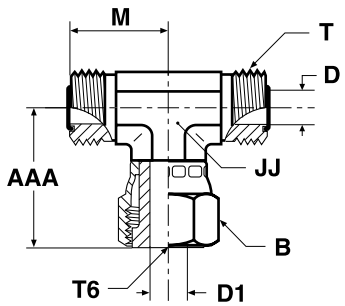
Imperial and metric parts may vary in hexagon dimensions.

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

Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.
*JJ may vary in stainless steel

S6MLO Swivel nut branch tee

ORFS female swivel end / ORFS tube ends
SAE 52M0433 ISO 8434-3 SWBT



Tube O.D. mm	Tube O.D. in.	Thread UN/UNF-2A T	Thread UN/UNF-2B T6	AAA mm	B mm	D mm	D1 mm	JJ* mm	M mm	Weight (steel) g/1 piece	Steel	Stainless Steel	PN (bar) S	PN (bar) SS
6	1/4	9/16-18	9/16-18	26	17	4.5	4	14	22	66	**4S6MLOS**	**4S6MLOSS**	500	420
8, 10	5/16, 3/8	11/16-16	11/16-16	29	22	6.5	6.5	19	25	125	**6S6MLOS**	**6S6MLOSS**	630	420
12	1/2	13/16-16	13/16-16	38	24	9.5	9	19	28	150	**8S6MLOS**	**8S6MLOSS**	630	420
14, 15, 16	5/8	1-14	1-14	41	30	12.5	11.5	27	33	233	**10S6MLOS**	**10S6MLOSS**	420	420
18, 20	3/4	1 3/16-12	1 3/16-12	47	35	15.5	14	30	38	383	**12 S6LO-S**	**12S6MLOSS**	420	420
22, 25	1	1 7/16-12	1 7/16-12	54	41	20.5	20	36	42	518	**16 S6LO-S**	**16S6MLOSS**	420	420
28, 30, 32	1 1/4	1 11/16-12	1 11/16-12	58	48	26	26	41	45	775	**20 S6LO-S**	**20S6MLOSS**	350	280
35, 38	1 1/2	2-12	2-12	61	57	32	32	48	49	933	**24 S6LO-S**	**24S6MLOSS**	280	280

Product delivered with NBR TRAP seal. Replacement of TRAP seal is with a standard NBR O-ring – see page J74–J75.

Part numbers shown are part of our current manufacturing programme.

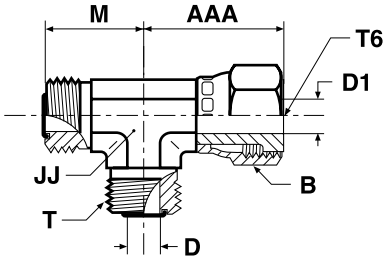
Imperial and metric parts may vary in hexagon dimensions.

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

Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.
*JJ may vary in stainless steel

R6MLO Swivel nut run tee

ORFS female swivel end / ORFS tube ends
SAE 52M0432 ISO 8434-3 SWRT



Tube O.D. mm	Tube O.D. in.	Thread UN/UNF-2A T	Thread UN/UNF-2B T6	AAA mm	B mm	D mm	D1 mm	JJ* mm	M mm	Weight (steel) g/1 piece	Steel	Stainless Steel	PN (bar) S	PN (bar) SS
6	1/4	9/16-18	9/16-18	26	17	4.5	4	14	22	66	**4R6MLOS**	**4R6MLOSS**	500	420
8, 10	5/16, 3/8	11/16-16	11/16-16	29	22	6.5	6.5	19	25	125	**6R6MLOS**	**6R6MLOSS**	630	420
12	1/2	13/16-16	13/16-16	38	24	9.5	9	19	28	150	**8R6MLOS**	**8R6MLOSS**	630	420
14, 15, 16	5/8	1-14	1-14	41	30	12.5	11.5	27	33	233	**10R6MLOS**	**10R6MLOSS**	420	420
18, 20	3/4	1 3/16-12	1 3/16-12	47	35	15.5	14	30	38	383	**12 R6LO-S**	**12R6MLOSS**	420	420
22, 25	1	1 7/16-12	1 7/16-12	54	41	20.5	20	36	42	518	**16 R6LO-S**	**16R6MLOSS**	420	420
28, 30, 32	1 1/4	1 11/16-12	1 11/16-12	58	48	26	26	41	45	775	**20 R6LO-S**	**20R6MLOSS**	350	280
35, 38	1 1/2	2-12	2-12	61	57	32	32	48	49	933	**24 R6LO-S**	**24R6MLOSS**	280	280

Product delivered with NBR TRAP seal. Replacement of TRAP seal is with a standard NBR O-ring – see page J74–J75.

Part numbers shown are part of our current manufacturing programme.

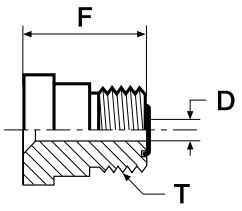
Imperial and metric parts may vary in hexagon dimensions.

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

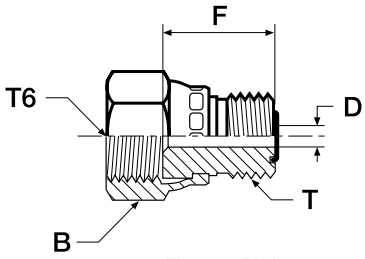
Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.
*JJ may vary in stainless steel

TRMLO Tube end reducer

ORFS tube end / ORFS swivel female end
SAE 520123 /A



Form A



Form B**

Tube O.D. mm	Tube O.D. in.	Thread UN/UNF-2A T	Thread UN/UNF-2B T6	B mm	D mm	F mm	Weight (steel) g/1 piece	Form	Steel	Stainless Steel	PN (bar) S	PN (bar) SS
10	3/8	9/16-18	11/16-16	22	4.5	20	21	B	**6-4TRMLONS**	**6-4TRMLONSS**	630	420
12	1/2	9/16-18	—	—	4.5	22	30	A	**8-4 TRLO-S**	**8-4TRMLOSS**	630	420
12	1/2	11/16-16	13/16-16	24	6.5	22	33	B	**8-6TRMLONS**	**8-6TRMLONSS**	630	420
16	5/8	9/16-18	—	—	4.5	23	37	A	**10-4 TRLO-S**	**10-4TRMLOSS**	420	420
16	5/8	11/16-16	—	—	6.5	24	48	A	**10-6 TRLO-S**	**10-6TRMLOSS**	420	420
16	5/8	13/16-16	—	—	9.5	26	50	A	**10-8 TRLO-S**	**10-8TRMLOSS**	420	420
20	3/4	9/16-18	—	—	4.5	25	63	A	**12-4 TRLO-S**	**12-4TRMLOSS**	420	420
20	3/4	11/16-16	—	—	6.5	26	66	A	**12-6 TRLO-S**	**12-6TRMLOSS**	420	420
20	3/4	13/16-16	—	—	9.5	28	71	A	**12-8 TRLO-S**	**12-8TRMLOSS**	420	420
20	3/4	1-14	1 3/16-12	36	12.5	30	85	B	**12-10TRMLONS**	**12-10TRMLONSS**	420	420
25	1	13/16-16	—	—	9.5	29	103	A	**16-8 TRLO-S**	**16-8TRMLOSS**	420	420
25	1	1-14	—	—	12.5	32	118	A	**16-10 TRLO-S**	**16-10TRMLOSS**	420	420
25	1	1 3/16-12	1 7/16-12	41	15.5	33	133	B	**16-12 TRLON-S**	**16-12TRMLONSS**	420	420
32	1 1/4	1-14	—	—	12.5	32	163	A	**20-10TRLOS**	**20-10TRMOLSS**	420	420
32	1 1/4	1 3/16-12	—	—	15.5	34	169	A	**20-12 TRLO-S**	**20-12TRMLOSS**	420	280
32	1 1/4	1 7/16-12	1 11/16-12	48	20.5	38	183	B	**20-16 TRLON-S**	**20-16TRMLONSS**	350	280
38	1 1/2	1 7/16-12	—	—	20.5	34	205	A	**24-16 TRLO-S**	**24-16TRMLOSS**	350	280
38	1 1/2	1 11/16-12	—	—	26	34	209	A	**24-20 TRLO-S**	**24-20TRMLOSS**	350	280
50	2	1 11/16-12	—	—	26	36	420	A	**32-20 TRLO-S**	**32-20TRMLOSS**	200	200
50	2	2-12	—	—	32	36	420	A	**32-24 TRLO-S**	**32-24TRMLOSS**	200	200

Product delivered with NBR TRAP seal. Replacement of TRAP seal is with a standard NBR O-ring – see page J74–J75.

Part numbers shown are part of our current manufacturing programme.

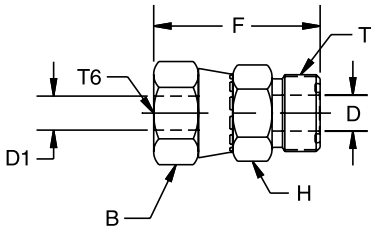
Imperial and metric parts may vary in hexagon dimensions.

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

Do not create drawings from these dimensions, they are subject to change and ISO manufacturing allowances.
**These size come assembled with a crimp style nut (Form B).

LOHL6 Tube end expander

ORFS tube end / ORFS female swivel end



Tube O.D. mm	Tube O.D. in.	Thread UN/UNF-2A T	Thread UN/UNF-2B T6	B mm	D mm	D1 mm	H mm	F mm	Weight (steel) g/1 piece	Steel	PN (bar)
8, 10	5/16, 3/8	11/16-16	9/16-18	18	4	4	19	35	33	**6-4 LOHL6-S**	630
12	1/2	13/16-16	11/16-16	21	9.5	6.5	22	41	52	**8-6 LOHL6-S**	630
14, 15, 16	5/8	1-14	13/16-16	24	12.5	9	27	46	92	**10-8 LOHL6-S**	420
18, 20	3/4	1 3/16-12	1-14	29	15.5	11.5	32	51	146	**12-10 LOHL6-S**	420
22, 25	1	1 7/16-12	1 3/16-12	35	20.5	14	38	55	205	**16-12 LOHL6-S**	420
28, 30, 32	1 1/4	1 11/16-12	1 7/16-12	42	26	20	45	58	260	**20-16 LOHL6-S**	350
35, 38	1 1/2	2-12	1 11/16-12	48	32	26	54	60	315	**24-20 LOHL6-S**	280

Product delivered with NBR TRAP seal. Replacement of TRAP seal is with a standard NBR O-ring – see page J74–J75.

Part numbers shown are part of our current manufacturing programme.

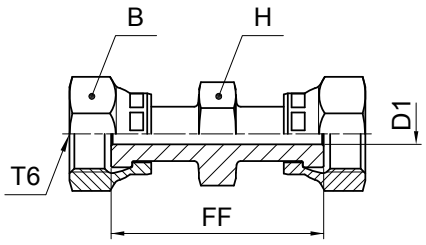
Imperial and metric parts may vary in hexagon dimensions.

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

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

HL6 Swivel nut union

ORFS female swivel ends



Tube O.D. mm	Tube O.D. in.	Thread UN/UNF-2B T6	B mm	D1 mm	FF mm	H mm	Weight (steel) g/1 piece	Steel	PN (bar)
6	1/4	9/16-18	18	4	40	16	53	**4 HL6-S**	500
8, 10	5/16, 3/8	11/16-16	21	6.5	45	19	66	**6 HL6-S**	630
12	1/2	13/16-16	24	9	54	22	110	**8 HL6-S**	630
14, 15, 16	5/8	1-14	29	11.5	62	27	173	**10 HL6-S**	420
18, 20	3/4	1 3/16-12	35	14	70	32	275	**12 HL6-S**	420
22, 25	1	1 7/16-12	41	20	75	37	499	**16 HL6-S**	420

Part numbers shown are part of our current manufacturing programme.

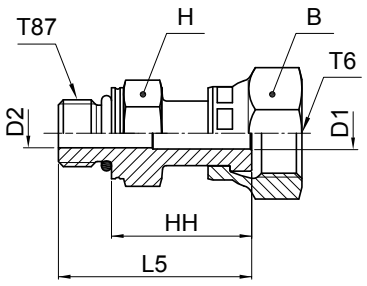
Imperial and metric parts may vary in hexagon dimensions.

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

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

F687OML Swivel male stud

ORFS Female swivel end / Male metric thread – O-ring (ISO 6149-2)



Tube O.D. mm	Tube O.D. in.	Thread metric T87	Thread UN/UNF-2B T6	B mm	H mm	D1 mm	D2 mm	L5 mm	HH mm	Weight (steel) g/1 piece	Steel	Stainless Steel	PN (bar) S	PN (bar) SS
6	1/4	M 12×1.5	9/16-18	17	17	4	4	38	27	53	**4M12F687OMLS**	**4M12F687OMLSS**	500	420
8, 10	3/8	M 14×1.5	11/16-16	22	19	6.5	6	40	29	72	**6M14F687OMLS**	**6M14F687OMLSS**	630	420
8, 10	3/8	M 16×1.5	11/16-16	22	22	7	7	42	29	85	**6M16F687OMLS**	**6M16F687OMLSS**	630	420
12	1/2	M 16×1.5	13/16-16	24	22	9	7	49	36	110	**8M16F687OMLS**	**8M16F687OMLSS**	630	420
14, 15, 16	5/8	M 22×1.5	1-14	30	27	11.5	11.5	53	38	173	**10M22F687OMLS**	**10M22F687OMLSS**	420	400
18, 20	3/4	M 22×1.5	1 3/16-12	36	30	14	12	57	42	230	**12M22F687OMLS**	**12M22F687OMLSS**	420	400
18, 20	3/4	M 27×2.0	1 3/16-12	36	32	14	14	61	42	275	**12M27F687OMLS**	**12M27F687OMLSS**	420	400
22, 25	1	M 33×2.0	1 7/16-12	41	41	20	20	68	49	462	**16M33F687OMLS**	**16M33F687OMLSS**	420	400
28, 30, 32	1 1/4	M 42×2.0	1 11/16-12	50	50	26	26	71	52	622	**20M42F687OMLS**	**20M42F687OMLSS**	350	280
35, 38	1 1/2	M 48×2.0	2-12	60	55	32	32	71	50	885	**24M48F687OMLS**	**24M48F687OMLSS**	280	280

O-Lok® is delivered with NBR elastomeric seals as standard. For more details on other seal materials see page J74–J75.

Part numbers shown are part of our current manufacturing programme.

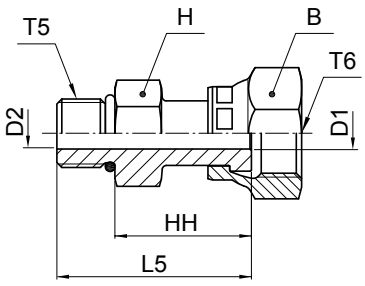
Imperial and metric parts may vary in hexagon dimensions.

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

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

F65OL Swivel male stud

ORFS female swivel end / Male UN/UNF thread – O-ring (ISO 11926)
SAE 520181



Tube O.D. mm	Tube O.D. in.	Thread UN/UNF-2A T5	Thread UN/UNF-2B T6	B mm	D1 mm	D2 mm	H mm	HH mm	L5 mm	Weight (steel) g/1 piece	Steel	PN (bar)
6	1/4	7/16-20	9/16-18	18	4	4	16	26	37	53	**4 F65OL-S**	500
8, 10	5/16, 3/8	9/16-18	11/16-16	21	6.5	6.5	19	28	40	66	**6 F65OL-S**	630
12	1/2	3/4-16	13/16-16	24	9	9	22	36	50	110	**8 F65OL-S**	630
14, 15, 16	5/8	7/8-14	1-14	29	11.5	12.5	27	38	54	173	**10 F65OL-S**	420
18, 20	3/4	1 1/16-12	1 3/16-12	35	14	15.5	32	41	59	275	**12 F65OL-S**	420
22, 25	1	1 5/16-12	1 7/16-12	41	20	20	38	49	68	462	**16 F65OL-S**	420
28, 30, 32	1 1/4	1 5/8-12	1 11/16-12	48	26	26	48	49	68	622	**20 F65OL-S**	350

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Part numbers shown are part of our current manufacturing programme.

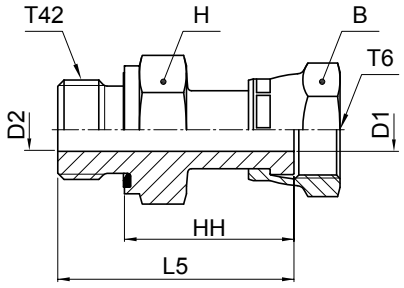
Imperial and metric parts may vary in hexagon dimensions.

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

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F642EDML Swivel male stud

ORFS Swivel female end / Male BSPP thread – ED seal (ISO 1179)



Tube O.D. mm	Tube O.D. in.	Thread BSPP T42	Thread UN/UNF-2B T6	B mm	H mm	D1 mm	D2 mm	L5 mm	HH mm	Weight (steel) g/1 piece	Steel	Stainless Steel	PN (bar) S	PN (bar) SS
6	1/4	1/8-28	9/16-18	17	14	4	4	35	27	43	**4F642EDMLS**	**4F642EDMLSS**	500	420
6	1/4	1/4-19	9/16-18	17	19	4	4	39	27	59	**4-4F642EDMLS**	**4-4F642EDMLSS**	500	420
8, 10	5/16, 3/8	1/4-19	11/16-16	22	19	6.5	5	41	29	72	**6F642EDMLS**	**6F642EDMLSS**	630	420
8, 10	5/16, 3/8	3/8-19	11/16-16	22	22	6.5	6.5	41	29	86	**6-6F642EDMLS**	**6-6F642EDMLSS**	630	420
8, 10	5/16, 3/8	1/2-14	11/16-16	22	27	6.5	6.5	43	29	92	**6-8F642EDMLS**	**6-8F642EDMLSS**	420	420
12	1/2	3/8-19	13/16-16	24	22	9	8	48	36	104	**8F642EDMLS**	**8F642EDMLSS**	630	420
12	1/2	1/4-19	13/16-16	24	22	9	5	48	36	98	**8-4F642EDMLS**	**8-4F642EDMLSS**	630	420
12	1/2	1/2-14	13/16-16	24	27	9	9	50	36	142	**8-8F642EDMLS**	**8-8F642EDMLSS**	420	420
14, 15, 16	5/8	1/2-14	1-14	30	27	11.5	11.5	52	38	165	**10F642EDMLS**	**10F642EDMLSS**	420	420
14, 15, 16	5/8	3/4-14	1-14	30	32	11.5	11.5	54	38	185	**10-12F642EDMLS**	**10-12F642EDMLSS**	420	420
18, 20	3/4	3/4-14	1 3/16-12	36	32	14	14	58	42	266	**12F642EDMLS**	**12F642EDMLSS**	420	420
18, 20	3/4	1/2-14	1 3/16-12	36	30	14	12	56	42	220	**12-8F642EDMLS**	**12-8F642EDMLSS**	420	420
22, 25	1	1-11	1 7/16-12	41	41	20	20	67	49	414	**16F642EDMLS**	**16F642EDMLSS**	420	420
28, 30, 32	1 1/4	1-11	1 11/16-12	50	46	26	20	67	49	655	**20-16F642EDMLS**	**20-16F642EDMLSS**	350	280
28, 30, 32	1 1/4	1 1/4-11	1 11/16-12	50	50	26	25	69	49	623	**20F642EDMLS**	**20F642EDMLSS**	350	280
35, 38	1 1/2	1 1/2-11	2-12	60	55	32	32	72	50	885	**24F642EDMLS**	**24F642EDMLSS**	280	280

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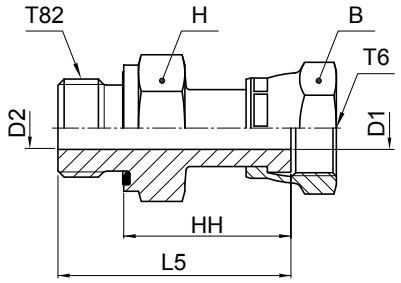
Imperial and metric parts may vary in hexagon dimensions.

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

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F682EDML Swivel male stud

ORFS Swivel female end / Male metric thread – ED seal (ISO 9974)



Tube O.D. mm	Tube O.D. in.	Thread metric T82	Thread UN/UNF-2B T6	B mm	H mm	D1 mm	D2 mm	L5 mm	HH mm	Weight (steel) g/1 piece	Steel	Stainless Steel	PN (bar) S	PN (bar) SS
6	1/4	M 12×1.5	9/16-18	17	17	4	4	39	27	56	**4M12F682EDMLS**	**4M12F682EDMLSS**	500	420
8, 10	5/16, 3/8	M 12×1.5	11/16-16	22	19	6.5	4	41	29	70	**6M12F682EDMLS**	**6M12F682EDMLSS**	500	420
8, 10	5/16, 3/8	M 14×1.5	11/16-16	22	19	6.5	5	41	29	73	**6M14F682EDMLS**	**6M14F682EDMLSS**	630	420
8, 10	5/16, 3/8	M 16×1.5	11/16-16	22	22	6.5	6.5	41	29	85	**6M16F682EDMLS**	**6M16F682EDMLSS**	630	420
12	1/2	M 16×1.5	13/16-16	24	22	9	7	48	36	109	**8M16F682EDMLS**	**8M16F682EDMLSS**	630	420
14, 15, 16	5/8	M 22×1.5	1-14	30	27	11.5	11.5	53	39	165	**10M22F682EDMLS**	**10M22F682EDMLSS**	420	420
18, 20	3/4	M 27×2.0	1 3/16-12	36	32	14	14	58	42	282	**12M27F682EDMLS**	**12M27F682EDMLSS**	420	420
22, 25	1	M 33×2.0	1 7/16-12	41	41	20	20	68	50	467	**16M33F682EDMLS**	**16M33F682EDMLSS**	420	420
28, 30, 32	1 1/4	M 42×2.0	1 11/16-12	50	50	26	26	70	50	635	**20M42F682EDMLS**	**20M42F682EDMLSS**	350	280
35, 38	1 1/2	M 48×2.0	2-12	60	55	32	32	72	50	885	**24M48F682EDMLS**	**24M48F682EDMLSS**	280	280

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

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