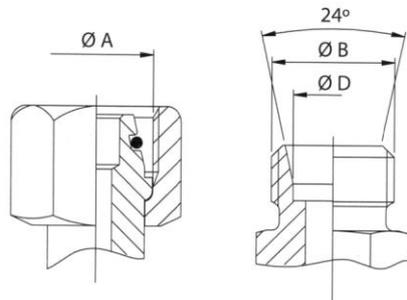


Technical Information

DIN 24° light (L) and heavy series (S) with O-ring

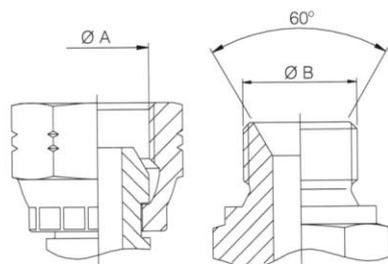


The male has a 24° sealing angle cone seat with straight metric threads. The female has a 24° convex cone with O-ring and a swivel straight metric threaded nut.

Tube O.D.	Size	Thread Metric	ØA (mm)	ØB (mm)	ØD (mm)
6,00	6L	M12x1.5	10,50	12,00	6,20
6,00	6S	M14x1.5	12,50	14,00	6,20
8,00	8L	M14x1.5	12,50	14,00	8,20
8,00	8S	M16x1.5	14,50	16,00	8,20
10,00	10L	M16x1.5	14,50	16,00	10,20
10,00	10S	M18x1.5	16,50	18,00	10,20
12,00	12L	M18x1.5	16,50	18,00	12,20
12,00	12S	M20x1.5	18,50	20,00	12,20
14,00	14S	M22x1.5	20,50	22,00	14,20
15,00	15L	M22x1.5	20,50	22,00	15,20
16,00	16S	M24x1.5	22,50	24,00	16,20
18,00	18L	M26x1.5	24,50	26,00	18,20
20,00	20S	M30x2.0	27,90	30,00	20,20
22,00	22L	M30x2.0	27,90	30,00	22,20
25,00	25S	M36x2.0	33,90	36,00	25,20
28,00	28L	M36x2.0	33,90	36,00	28,20
30,00	30S	M42x2.0	39,90	42,00	30,20
35,00	35L	M45x2.0	42,90	45,00	35,30
38,00	38S	M52x2.0	49,90	52,00	38,30
42,00	42L	M52x2.0	49,90	52,00	42,30

Technical Information

BSP metal-to-metal without O-ring

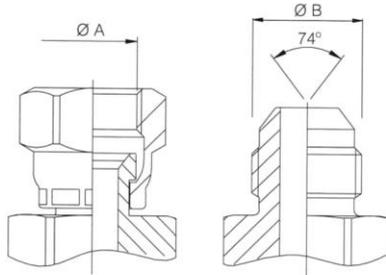


BSP thread type fittings seal use metal-to-metal angled surfaces or a combination of metal-to-metal. The angle of the sealing surfaces is 60° for both forms.

Size	Thread BSP	ØA (mm)	ØB (mm)
-2	1/8x28	8,60	9,70
-4	1/4x19	11,50	13,20
-6	3/8x19	14,90	16,70
-8	1/2x14	18,60	20,90
-10	5/8x14	20,60	22,90
-12	3/4x14	24,10	26,40
-16	1x11	30,30	33,20
-20	1-1/4x11	38,90	41,90
-24	1-1/2x11	44,90	47,80
-32	2x11	56,70	59,60

Technical Information

SAE JIC 37°

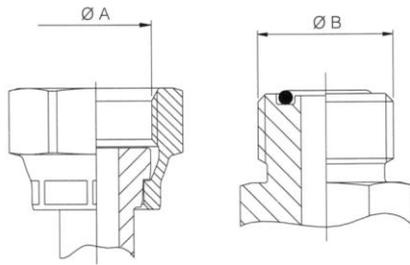


Commonly referred to as JIC fittings, these metal-to-metal sealing type fittings have a 37° flare (sealing surface angle) and straight United National Fine Threads (UNF).

Tube O.D. (inch)	Tube O.D. (mm)	Thread UNF	Size	ØA (mm)	ØB (mm)
3/16"		3/8x24	-3	8,60	9,50
1/4"	6	7/16x20	-4	10,00	11,10
5/16"	8	1/2x20	-5	11,60	12,70
3/8"	10	9/16x18	-6	13,00	14,30
1/2"	12	3/4x16	-8	17,60	19,10
5/8"	14-15-16	7/8x14	-10	20,50	22,20
3/4"	18-20	1-1/16x12	-12	24,60	27,00
7/8"	22	1-3/16x12	-14	28,30	30,10
1"	25	1-5/16x12	-16	31,30	33,30
1-1/4"	30-32	1-5/8x12	-20	39,20	41,30
1-1/2"	38	1-7/8x12	-24	45,60	47,60
2"		2-1/2x12	-32	61,50	63,50

Technical Information

O-ring face seal (ORFS)



The female fittings have flat faces and straight threaded UNF swivel nuts. The male fittings have the O-ring in a groove in the flat face.

Tube O.D. (inch)	Tube O.D. (mm)	Thread UNF	Size	ØA (mm)	ØB (mm)
1/4"	6	9/16x18	-4	13,00	14,20
3/8"	10	11/16x16	-6	15,90	17,50
1/2"	12	13/16x16	-8	19,10	20,60
5/8"	16	1x14	-10	23,80	25,40
3/4"	20	1-3/16x12	-12	28,20	30,10
1"	25	1-7/16x12	-16	34,15	36,50
1-1/4"	32	1-11/16x12	-20	40,50	42,90
1-1/2"	38	2x12	-24	48,80	50,80