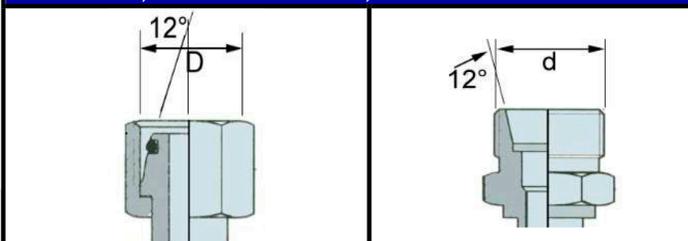


IDENTIFICACIÓN ROSCAS

Conexiones Métricas (ISO 8434-1)

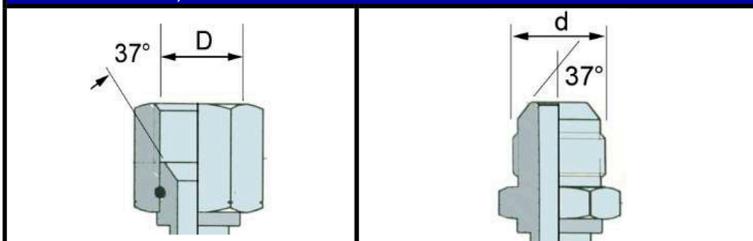
DIN 8434, Roscas Métricas, Cono 24°



Rosca	D (mm)	d (mm)	Ø L Tubo (mm)	Ø S Tubo (mm)
M10 x 1,0	9,0	10,0	4	-
M12 x 1,5	10,5	12,0	6	-
M14 x 1,5	12,5	14,0	8	6
M16 x 1,5	14,5	16,0	10	8
M18 x 1,5	16,5	18,0	12	10
M20 x 1,5	18,5	20,0	-	12
M22 x 1,5	20,5	22,0	15	14
M24 x 1,5	22,5	24,0	-	16
M26 x 1,5	24,5	26,0	18	-
M30 x 2,0	28,0	30,0	22	20
M36 x 2,0	34,0	36,0	28	25
M42 x 2,0	40,0	42,0	-	30
M45 x 2,0	43,0	45,0	35	-
M52 x 2,0	50,0	52,0	42	38

Conexiones JIC (ISO 8434-2)

Rosca ANSI, Cono 37°

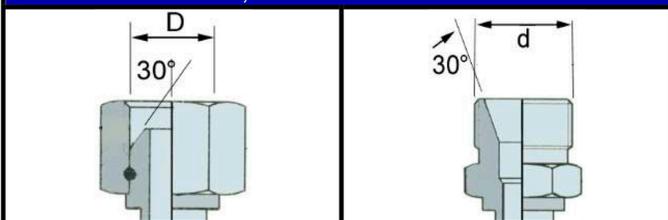


Rosca	D (mm)	d (mm)	Paso de los Hilos de rosca
7/16"	10,00	11,07	20
1/2"	11,60	12,70	20
9/16"	13,00	14,25	18
5/8"	14,70	15,85	18
3/4"	17,60	19,00	16
7/8"	20,50	22,17	14
1-1/16"	25,00	26,95	12
1-1/16"	25,30	26,95	14
1-3/16"	27,95	30,12	12
1-5/16"	31,30	33,30	12
1-5/8"	39,20	41,22	12
1-7/8"	45,60	47,57	12
2-1/2"	61,50	63,45	12

Tamaño 5/8"-18 UNF y 1-1/16"-14 UNF son asiento 45°

Conexiones BSP (BS 5200)

Rosca Whitworth, cono 60°



rosca	D (mm)	d (mm)	Paso de los Hilos de rosca
1/8"	8,60	9,73	28
1/4"	11,60	13,16	19
3/8"	15,10	16,66	19
1/2"	18,90	20,96	14
5/8"	20,90	22,91	14
3/4"	24,40	26,44	14
1"	30,60	33,25	11
1-1/4"	39,30	41,91	11
1-1/2"	45,10	47,80	11
2"	56,70	59,60	11

Conexiones NPT (SAE J476)

Rosca cónica ANSI, como 60°

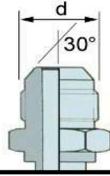
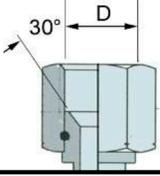


rosca	d (mm)	Paso de los Hilos de rosca
1/8"	10,00	27
1/4"	13,60	18
3/8"	17,00	18
1/2"	21,00	14
3/4"	26,00	14
1"	33,50	11-1/2"
1-1/4"	42,10	11-1/2"
1-1/2"	47,80	11-1/2"
2"	59,60	11-1/2"

IDENTIFICACIÓN ROSCAS

Conexiones Japonesas (Rosca métrica)

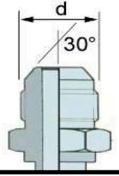
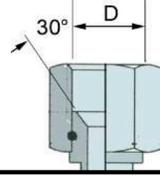
JIS B 8363, Rosca métrica , cino 60°



rosca	D (mm)	d (mm)	pitch (mm)
M14 x 1,5	12,50	14,00	1,5
M16 x 1,5	14,50	16,00	1,5
M18 x 1,5	16,50	18,00	1,5
M22 x 1,5	20,50	22,00	1,5
M24 x 1,5	22,50	24,00	1,5
M30 x 1,5	28,50	30,00	1,5
M33 x 1,5	31,50	33,00	1,5
M42 x 1,5	40,50	42,00	1,5

Conexiones Japonesas (Rosca Gas)

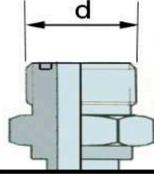
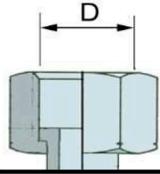
JIS B 8363, Rosca Whitworth, cono 60°



rosca	D (mm)	d (mm)	Paso de los Hilos de rosca
1/8"	8,60	9,73	28
1/4"	11,60	13,16	19
3/8"	15,10	16,66	19
1/2"	18,90	20,96	14
5/8"	20,90	22,91	14
3/4"	24,40	26,44	14
1"	30,60	33,25	11
1-1/4"	39,30	41,91	11
1-1/2"	45,10	47,80	11
2"	56,70	59,60	11

Conexiones ORFS (ISO 8434-3)

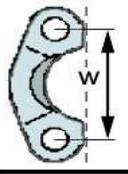
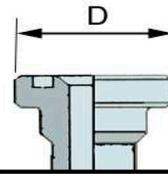
Rosca ANSI, asiento plano (macho alojamiento de junta)



rosca	d (mm)	D (mm)	rosca per pulgadas
9/16"	12,70	14,28	18
11/16"	15,87	17,46	16
13/16"	19,05	20,63	16
1"	23,81	25,40	14
1.3/16"	27,78	30,16	12
1.7/16"	34,13	36,51	12
1.11/16"	40,48	42,86	12
2"	48,41	50,80	12

Bridas y Bidas idas (SAE J518)

código 61 (3000 PSI) y 62 (6000 PSI)



DN	D (mm)	w (mm)	SAE J518	
			código 61 - 3000 PSI	código 62 - 6000 PSI
1/2"	30,16	38,10	31,75	40,48
3/4"	38,10	47,62	41,27	50,80
1"	44,45	52,38	47,62	57,15
1-1/4"	50,80	58,73	53,97	66,67
1-1/2"	60,32	69,85	63,50	79,37
2"	71,43	77,78	79,37	96,83

IDENTIFICACIÓN ROSCAS

Códigos de rosca

Códigos de rosca	NPT	ORFS	JIC / SAE UN / UNF	METRICO	BSP
02	1/8" - 27				1/8" - 28
04	1/4" - 18	9/16" - 18	7/16" - 20		1/4" - 19
05			1/2" - 20		
06	3/8" - 18	11/16" - 16	9/16" - 18		3/8" - 19
07			5/8" - 18		
08	1/2" - 14	13/16" - 16	3/4" - 16		1/2" - 14
10		1" - 14	7/8" - 14	M10 x 1,0	5/8" - 14
12	3/4" - 14	1.3/16" - 14	1.1/16" - 12	M12 x 1,5	3/4" - 14
14			1.3/16" - 12	M14 x 1,5	
16	1" - 11.1/2	1.7/16" - 12	1.5/16" - 12	M16 x 1,5	1" - 11
18				M18 x 1,5	
20	1.1/4" - 11.1/2	1.11/16" - 12	1.5/8" - 12	M20 x 1,5	1.1/4" - 11
22				M22 x 1,5	
24	1.1/2" - 11.1/2	2" - 12	1.7/8" - 12	M24 x 1,5	1.1/2" - 11
26				M26 x 1,5	
30				M30 x 2,0	
32	2" - 11.1/2		2.1/2" - 12		2" - 11
36				M36 x 2,0	
42				M42 x 2,0	
45				M45 x 2,0	
52				M52 x 2,0	

Códigos de Bridas

código brida	Código brida 61 3000 PSI	Código brida 62 6000 PSI
08	1/2" - 30,2 mm	1/2" - 31,7 mm
10	5/8" - 34,0 mm	
12	3/4" - 38,1 mm	3/4" - 41,3 mm
16	1" - 44,5 mm	1" - 47,6 mm
20	1.1/4" - 50,8 mm	1.1/4" - 54,0 mm
24	1.1/2" - 60,3 mm	1.1/2" - 63,5 mm
32	2" - 71,4 mm	2" - 79,4 mm