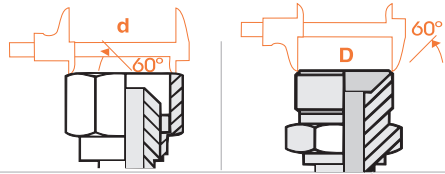
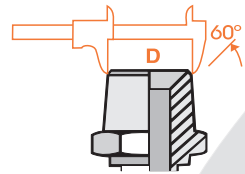


ROSCA BSP



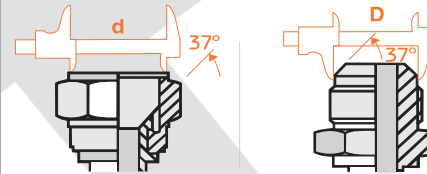
ROSCA	d (mm)	D (mm)	FIOS
1/8"	8.60	9.73	28
1/4"	11.60	13.16	19
3/8"	15.10	16.66	19
1/2"	18.90	20.96	14
5/8"	20.90	22.91	14
3/4"	24.40	26.44	14
1"	30.60	33.25	11
1.1/4"	39.30	41.91	11
1.1/2"	45.10	47.80	11
2"	56.70	59.60	11
2.1/2"	72.70	75.00	11
3"	85.50	88.00	11
4"	110.00	113.00	11

ROSCA NPT



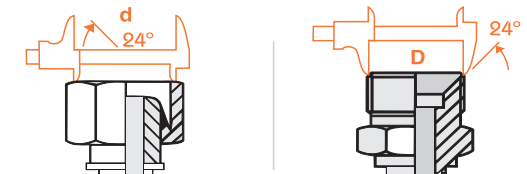
ROSCA	D (mm)	FIOS
1/8"	10.00	27
1/4"	13.60	18
3/8"	17.00	18
1/2"	21.00	14
3/4"	26.00	14
1"	33.50	11 1/2"
1.1/4"	42.10	11 1/2"
1.1/2"	47.80	11 1/2"
2"	59.60	11 1/2"

ROSCA JIC/SAE



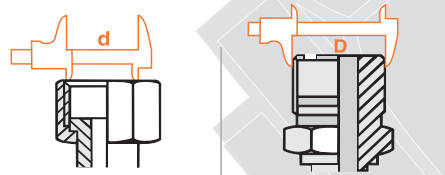
ROSCA	d (mm)	D (mm)	FIOS
7/16"	10.00	11.07	20
1/2"	11.60	12.70	20
9/16"	13.00	14.25	18
5/8"	14.70	15.85	18
3/4"	17.60	19.00	16
7/8"	20.50	22.17	14
1.1/16"	25.00	26.95	12
1.3/16"	27.95	30.12	12
1.5/16"	31.30	33.30	12
1.5/8"	39.20	41.22	12
1.7/8"	45.00	47.27	12
2.1/2"	61.50	63.45	12

ROSCA MÉTRICA



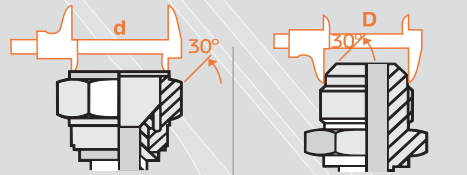
ROSCA	d (mm)	D (mm)	Ø Tubo L (mm)	Ø Tubo S (mm)
M10 x 1.0	9.00	10.00	4	-
M12 x 1.5	10.50	12.00	6	-
M14 x 1.5	12.50	14.00	8	6
M16 x 1.5	14.50	16.00	10	8
M18 x 1.5	16.50	18.00	12	10
M20 x 1.5	18.50	20.00	-	12
M22 x 1.5	20.50	22.00	15	14
M24 x 1.5	22.50	24.00	-	16
M26 x 1.5	24.50	26.00	18	-
M30 x 2.0	28.00	30.00	22	20
M36 x 2.0	34.00	36.00	28	25
M42 x 2.0	40.00	42.00	-	30
M45 x 2.0	43.00	45.00	35	-
M52 x 2.0	50.00	52.00	42	38

ROSCA ORFS



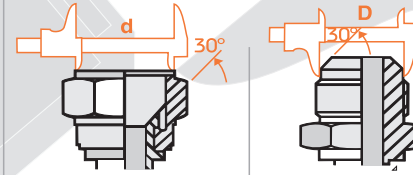
ROSCA	d (mm)	D (mm)	FIOS
9/16"	12.70	14.28	18
11/16"	15.87	17.46	16
13/16"	19.05	20.63	16
1"	23.81	25.40	14
1.3/16"	27.78	30.16	12
1.7/16"	34.13	36.51	12
1.11/16"	40.48	42.86	12
2"	48.41	50.80	12

ROSCA JIS (BSP)



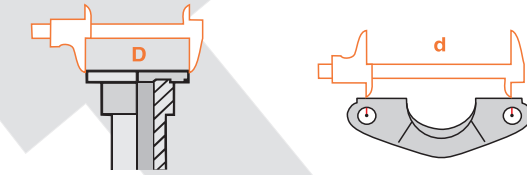
ROSCA	d (mm)	D (mm)	FIOS
1/8"	8.70	9.72	28
1/4"	11.70	13.20	19
3/8"	15.50	16.70	19
1/2"	18.80	21.00	14
5/8"	20.90	22.90	14
3/4"	24.30	26.40	14
1"	30.60	33.24	11
1.1/4"	39.30	41.90	11
1.1/2"	45.15	47.80	11
2"	57.00	59.60	11

ROSCA JIS (MÉTRICA)



ROSCA	d (mm)	D (mm)	PASSO
M14 x 1.5	12.5	14	1.5
M16 x 1.5	14.5	16	1.5
M18 x 1.5	16.4	18	1.5
M22 x 1.5	20.5	22	1.5
M24 x 1.5	22.5	24	1.5
M30 x 1.5	28.5	30	1.5
M33 x 1.5	31.5	33	1.5
M42 x 1.5	40.5	42	1.5

FLANGES



3000 PSI		6000 PSI	
D (mm)	d (mm)	D (mm)	d (mm)
1/2" - 30.16	38.18	1/2" - 31.75	40.48
5/8" - 34.00			
3/4" - 38.10	47.62	3/4" - 41.27	50.80
1" - 44.45	52.38	1" - 47.62	57.15
1.1/4" - 50.80	58.73	1.1/4" - 53.97	66.67
1.1/2" - 60.32	69.85	1.1/2" - 63.50	79.37
2" - 71.43	77.78	2" - 79.37	96.83