

Tabela de Dimensionais de Rosca

ROSCA MÉTRICA					
Rosca	PASSO		DIÂMETRO (mm)		
	Normal	Fina	Nominal	Efetivo	Menor
M4	0,70		4,000	3,545	3,141
M5	0,80		5,000	4,480	4,019
M6	1,00		6,000	5,350	4,773
M8	1,25		8,000	7,188	6,466
M8		1,00	8,000	7,350	6,773
M10	1,50		10,000	9,026	8,160
M10		1,25	10,000	9,188	8,467
M12	1,75		12,000	10,863	9,853
M12		1,25	12,000	11,128	10,466
M14	2,00		14,000	12,701	11,546
M14		1,50	14,000	13,026	12,160
M16	2,00		16,000	14,701	13,546
M16		1,50	16,000	15,026	14,160
M18	2,50		18,000	16,376	14,933
M18		1,50	18,000	17,026	16,160
M20	2,50		20,000	18,376	16,933
M20		1,50	20,000	19,026	18,160
M22	2,50		22,000	20,376	18,933
M22		1,50	22,000	21,026	20,160
M24	3,00		24,000	22,051	20,319
M24		2,00	24,000	22,701	21,546
M27	3,00		27,000	25,051	23,319
M27		2,00	27,000	25,701	24,546
M30	3,50		30,000	27,727	25,706
M30		2,00	30,000	28,701	27,546
M33	3,50		33,000	30,727	28,706
M33		2,00	33,000	31,701	30,546
M36	4,00		36,000	33,402	31,093
M36		3,00	36,000	34,051	32,319
M39	4,00		39,000	36,402	34,093
M39		3,00	39,000	37,051	35,319
M42	4,50		42,000	39,077	36,479
M42		3,00	42,000	40,051	38,319
M45	4,50		45,000	42,077	39,479
M45		3,00	45,000	43,051	41,319

ROSCA GÁS (BSP-ISO)				
Rosca	Fios para Polegada	DIÂMETRO (mm)		
		Maior*	Efetivo	Menor
G 1/8"	28	9,728	9,147	8,566
G 1/4"	19	13,157	12,301	11,445
G 3/8"	19	16,682	15,806	14,950
G 1/2"	14	20,955	19,793	18,631
G 3/4"	14	26,441	25,279	24,117
G 1"	11	33,249	31,770	30,291
G 1.1/4"	11	41,910	40,431	38,952
G 1.1/2"	11	47,803	46,324	44,845
G 2"	11	59,614	58,135	56,656
G 2.1/2"	11	75,184	73,705	72,226
G 3"	11	87,884	86,405	84,926
G 3.1/2"	11	100,33	98,851	97,372
G 4"	11	113,03	111,55	110,07
G 5"	11	138,43	136,95	135,47
G 6"	11	163,83	162,35	160,87
*Diâmetro maior de calibração				

ROSCA CÔNICA PARA TUBOS (NPT)				
Rosca	Fios para Polegada	DIÂMETRO (mm)		
		Maior*	Efetivo	Menor
1/8"	27	10,287	9,519	9,233
1/4"	18	13,716	12,443	12,126
3/8"	18	17,145	15,926	15,545
1/2"	14	21,336	19,772	19,264
3/4"	14	26,670	25,117	24,579
1"	11,5	33,401	31,461	30,826
1.1/4"	11,5	42,164	40,218	39,551
1.1/2"	11,5	48,260	46,287	45,621
2"	11,5	60,325	58,325	57,633
2.1/2"	8	73,025	70,159	69,076
3"	8	88,900	86,068	84,852
3.1/2"	8	101,60	98,766	97,473
4"	8	114,30	111,43	110,09
5"	8	141,30	138,41	136,93
6"	8	168,28	165,25	163,73
*Diâmetro maior de calibração				

ROSCA UNIFICADA FINA (UNF)				
Rosca	Fios para Polegada	DIÂMETRO (mm)		
		Maior*	Efetivo	Menor
1/4"	28	6,350	5,761	5,237
5/16"	24	7,937	7,249	6,639
3/8"	24	9,525	8,836	8,227
7/16"	20	11,112	10,287	9,555
1/2"	20	12,700	11,874	11,143
9/16"	18	14,287	13,370	12,555
5/8"	18	15,875	14,958	14,143
3/4"	16	19,050	18,019	17,102
7/8"	14	22,225	21,046	20,000
1"	12	25,400	24,026	22,804
1"	14	25,400	24,221	23,175
1.1/8"	12	28,575	27,201	25,979
1.1/4"	12	31,750	30,376	29,154
1.3/8"	12	34,925	33,551	32,329
1.1/2"	12	38,100	36,726	35,504
1.3/4"	12	44,450	43,070	42,150
1.7/8"	12	47,625	46,230	45,310
2"	12	50,800	49,430	48,510
*Diâmetro maior de calibração				

ROSCA UNIFICADA GROSSA (UNC)				
Rosca	Fios para Polegada	DIÂMETRO (mm)		
		Maior*	Efetivo	Menor
1/4"	20	6,350	5,524	4,793
5/16"	18	7,937	7,020	6,205
3/8"	16	9,525	8,494	7,570
1/2"	13	12,700	11,326	10,104
9/16"	12	14,287	12,913	11,691
5/8"	11	15,875	14,376	13,043
3/4"	10	19,050	17,399	15,933
1"	8	25,400	23,337	21,503
1.1/2"	6	38,100	35,349	32,906
2"	4,5	50,800	47,135	43,876
2.1/2"	4	63,500	59,375	55,710
3"	4	76,200	72,075	68,410
*Diâmetro maior de calibração				