

CONVERSIONES

pulgs.	mm.
1/64	0,397
1/32	0,794
3/64	1,191
1/16	1,588
5/64	1,984
3/32	2,381
7/64	2,778
1/8	3,175
9/64	3,572
5/32	3,969
11/64	4,366
3/16	4,763
13/64	5,159
7/32	5,556
15/64	5,953
1/4	6,350
17/64	6,747
9/32	7,144
19/64	7,541
5/16	7,938
21/64	8,334
11/32	8,731
23/64	9,128
3/8	9,525
25/64	9,922
13/32	10,319
27/64	10,716
7/16	11,113
29/64	11,509
15/32	11,906
31/64	12,303
1/2	12,700
33/64	13,097
17/32	13,494
35/64	13,891
9/16	14,288
37/64	14,684
19/32	15,081
39/64	15,478
5/8	15,875
41/64	16,272
21/32	16,669
43/64	17,066
11/16	17,463
45/64	17,859
23/32	18,256
47/64	18,653
3/4	19,050
49/64	19,447
25/32	19,844
51/64	20,241
13/16	20,638
53/64	21,034
27/32	21,431
55/64	21,828
7/8	22,225
57/64	22,622
29/32	23,019
59/64	23,416
15/16	23,813
61/64	24,209
31/32	24,606
63/64	25,003
1"	25,400

BROCAS ALFABETICAS

mm.	Letra	mm.
5,944	A	N 7,671
6,045	B	O 8,026
6,147	C	P 8,204
6,248	D	Q 8,433
6,350	E	R 8,611
6,528	F	S 8,839
6,629	G	T 9,093
6,756	H	U 9,347
6,909	I	V 9,576
7,036	J	W 9,804
7,137	K	X 10,084
7,366	L	Y 10,262
7,493	M	Z 10,490

BROCAS NUMERICAS

No.	mm.
1	5,791
2	5,613
3	5,410
4	5,309
5	5,220
6	5,182
7	5,105
8	5,055
9	4,978
10	4,915
11	4,851
12	4,801
13	4,699
14	4,623
15	4,572
16	4,496
17	4,394
18	4,305
19	4,216
20	4,089
21	4,039
22	3,988
23	3,912
24	3,861
25	3,797
26	3,734
27	3,658
28	3,569
29	3,454
30	3,264
31	3,084
32	2,946
33	2,870
34	2,819
35	2,794
36	2,705
37	2,642
38	2,578
39	2,527
40	2,489
41	2,438
42	2,375
43	2,261
44	2,184
45	2,083
46	2,057
47	1,994
48	1,930
49	1,854
50	1,778
51	1,702
52	1,613
53	1,511
54	1,397
55	1,321
56	1,181
57	1,092
58	1,067
59	1,041
60	1,016
61	0,991
62	0,965
63	0,940
64	0,914
65	0,889
66	0,838
67	0,813
68	0,787
69	0,742
70	0,711
71	0,660
72	0,635
73	0,610
74	0,572
75	0,533
76	0,508
77	0,457
78	0,406
79	0,368
80	0,343

DIAMETROS DE BARRENO PARA ROSCAS

D x paso H.P.P.	Diámetro de Barreno (mm)		Diámetro de Broca (mm)
	Máximo	Mínimo	

M Rosca ISO Métrica Estándar			
2x0,40	1,679	1,567	1,6
2,2x0,45	1,838	1,713	1,75
2,5x0,45	2,138	2,013	2,05
3x0,50	2,599	2,459	2,5
3,5x0,60	3,010	2,850	2,9
4x0,70	3,422	3,242	3,3
4,5x0,75	3,878	3,688	3,7
5x0,80	4,334	4,134	4,2
6x1,00	5,153	4,917	5,0
7x1,00	6,153	5,917	6,0
8x1,25	6,912	6,647	6,8
9x1,25	7,912	7,647	7,8
10x1,50	8,676	8,376	8,5
11x1,50	9,676	9,376	9,5
12x1,75	10,441	10,106	10,2
14x2,00	12,210	11,835	12,0
16x2,00	14,210	13,835	14,0
18x2,50	15,744	15,294	15,5
20x2,50	17,744	17,294	17,5
22x2,50	19,744	19,294	19,5
24x3,00	21,252	20,752	21,0
27x3,00	24,252	23,752	24,0
30x3,50	26,771	26,211	26,5
33x3,50	29,771	29,211	29,5
36x4,00	32,270	31,670	32,0
39x4,00	35,270	34,670	35,0
42x4,50	37,799	37,129	37,5
45x4,50	40,799	40,129	40,5
48x5,00	43,297	42,587	43,0
52x5,00	47,297	46,587	47,0
56x5,50	50,796	50,046	50,5

MF Rosca ISO Métrica Fina

3x0,35	2,721	2,621	2,65
3,5x0,35	3,221	3,121	3,15
4x0,50	3,599	3,459	3,5
4,5x0,50	4,099	3,959	4,0
5x0,50	4,599	4,459	4,5
5,5x0,50	5,099	4,959	5,0
6x0,75	5,378	5,188	5,2
7x0,75	6,378	6,188	6,2
8x0,75	7,378	7,188	7,2
8x1,00	7,153	6,917	7,0
9x0,75	8,378	8,188	8,2
9x1,00	8,153	7,917	8,0
10x0,75	9,378	9,188	9,2
10x1,00	9,153	8,917	9,0
10x1,25	8,912	8,647	8,8
11x0,75	10,378	10,188	10,2
11x1,00	10,153	9,917	10,0
12x1,00	11,153	10,917	10,8
12x1,25	10,912	10,647	10,6
12x1,50	10,676	10,376	10,5
14x1,00	13,153	12,917	13,0
14x1,25	12,912	12,647	12,8
14x1,50	12,676	12,376	12,5
15x1,00	14,153	13,917	14,0
15x1,50	15,676	15,376	15,5
16x1,00	15,153	14,917	15,0
16x1,50	16,676	16,376	16,5
17x1,00	16,153	15,917	16,0
17x1,50	17,676	17,376	17,5
18x1,00	17,153	16,917	17,0
18x1,50	18,676	18,376	18,5
18x2,00	18,210	17,835	18,0
22x1,00	21,153	20,917	21,0
22x1,50	20,676	20,376	20,5
22x2,00	20,210	19,835	20,0
24x1,00	23,153	22,917	23,0
24x1,50	22,676	22,376	22,5
24x2,00	22,210	21,835	22,0
25x1,00	24,153	23,917	24,0
25x1,50	23,676	23,376	23,5
25x2,00	23,210	22,835	23,0
26x1,50	24,676	24,376	24,5
27x1,00	26,153	25,835	26,0
27x1,50	25,676	25,376	25,5
27x2,00	25,210	24,835	25,0
28x1,00	27,153	26,917	27,0
28x1,50	26,676	26,376	26,5
28x2,00	26,210	25,835	26,0
30x1,00	29,153	28,917	29,0
30x1,50	28,676	28,376	28,5
30x2,00	28,210	27,835	28,0
30x3,00	27,252	26,752	27,0
32x1,50	30,676	30,376	30,5
32x2,00	30,210	29,835	30,0
33x1,50	31,676	31,376	31,5
33x2,00	31,210	30,835	31,0
33x3,00	30,252	29,752	30,0
35x1,50	33,676	33,376	33,5
36x1,50	34,676	34,376	34,5
36x2,00	34,210	33,835	34,0
36x3,00	33,252	32,752	33,0
38x1,50	36,676	36,376	36,5
39x1,50	37,676	37,376	37,5
39x2,00	37,210	36,835	37,0
39x3,00	36,252	35,752	36,0
40x1,50	38,676	38,376	38,5
40x2,00	38,210	37,835	38,0
40x3,00	37,252	36,376	37,0
42x1,50	40,676	40,376	40,5
42x2,00	40,210	39,835	40,0
42x3,00	39,252	38,376	39,0
42x4,00	38,270	37,835	38,0
45x1,50	43,676	43,376	43,5
45x2,00	43,210	42,835	43,0
45x3,00	42,252	41,752	42,0
45x4,00	41,270	40,670	41,0
48x1,50	46,676	46,376	46,5

UNC Rosca Unificada Estándar

D x paso H.P.P.	Diámetro de Barreno (mm)		Diámetro de Broca (mm)
	Máximo	Mínimo	
No. 5-40	2,697	2,593	2,6
No. 6-32	2,895	2,768	2,85
No. 8-32	3,530	3,403	3,5
No.10-24	3,962	3,810	3,9
No.12-24	4,597	4,470	4,5
1/4 -20	5,257	5,130	5,2
5/16 -18	6,731	6,578	6,6
3/8 -16	8,153	7,975	8,0
7/16 14	9,550	9,345	9,4
1/2 -13	10,871	10,515	10,8
9/16 -12	12,446	12,090	12,2
5/8 -11	13,868	13,614	13,5
3/4 -10	16,840	16,586	16,5
7/8 -9	19,761	19,481	19,5
1" -8	22,606	22,301	22,25
1 1/8 -7	25,350	24,993	25,0
1 1/4 -7	28,524	28,168	28,25
1 3/8 -6	31,115	30,734	30,75
1 1/2 -6	34,300	33,910	34,0
1 3/4 -5	39,827	39,395	39,5
2" -4 1/2	45,593	45,136	45,0
2 1/4 -4 1/2	51,943	51,485	51,5
2 1/2 -4	57,581	57,099	57,25
2 3/4 -4	63,931	63,450	63,5
3" -4	70,281	69,800	70,0

UNF Rosca Unificada Fina

No. 5-44	2,741	2,646	2,7
No. 6-40	3,022	2,921	3,0
No. 8-36	3,606	3,505	3,5
No.10-32	4,166	4,064	4,1
No.12-28	4,724	4,623	4,7
1/4 -28	5,588	5,486	5,5
5/16 -24	7,036	6,908	6,9
3/8 -24	8,636	8,510	8,5
7/16 -20	10,033	9,880	9,9
1/2 -20	11,607	11,480	11,5
9/16 -18	13,081	12,930	12,9
5/8 -18	14,681	14,530	14,5
3/4 -16	17,687	17,500	17,5
7/8 -14	20,675	20,472	20,5
1" -12	23,571	23,342	23,25
1 1/8 -12	26,746	26,517	26,5
1 1/4 -12	29,921	29,692	29,5
1 3/8 -12	33,096	32,867	32,75
1 1/2 -12	36,271	36,042	36,0

BSW Rosca Whitworth Estándar

1/8 -40	2,590	2,468	2,5
5/32 -32	3,211	3,058	3,1
3/16 -24	3,744	3,540	3,6
7/32 -24	4,538	4,334	4,4
1/4 -20	5,224	4,980	5,1
5/16 -18	6,661	6,398	6,5
3/8 -16	8,052	7,747	7,9
7/16 -14	9,379	9,030	9,2
1/2 -12	10,610		