

# TABLA DE EQUIVALENCIAS

## Equivalentes Decimales

### Fraccional, Métrico, Numérico y Alfabético

MEDIDA	PULGADAS DECIMAL	MEDIDA	PULGADAS DECIMAL	MEDIDA	PULGADAS DECIMAL	MEDIDA	PULGADAS DECIMAL	MEDIDA	PULGADAS DECIMAL	MEDIDA	PULGADAS DECIMAL	MEDIDA	PULGADAS DECIMAL
#80	.0135	#55	.0520	#36	.1065	#15	.1800	6.5 mm	.2559	S	.3480	39/64"	.6094
.35 mm	.0138	1.35 mm	.0531	2.75 mm	.1083	4.6 mm	.1811	F	.2570	8.9 mm	.3504	15.5 mm	.6102
#79	.0145	#54	.0550	7/64"	.1094	#14	.1820	6.6 mm	.2598	9 mm	.3543	5/8"	.6250
1/64"	.0156	1.4 mm	.0551	#35	.1100	#13	.1850	G	.2610	T	.3580	16 mm	.6299
.4 mm	.0157	1.45 mm	.0571	2.8 mm	.1102	4.7 mm	.1850	6.7 mm	.2638	9.1 mm	.3583	41/64"	.6406
#78	.0160	1.5 mm	.0591	#34	.1110	4.75 mm	.1870	17/64"	.2656	23/64"	.3594	16.5 mm	.6496
.45 mm	.0177	#53	.0595	#33	.1130	3/16"	.1875	6.75 mm	.2657	9.2 mm	.3622	21/32"	.6562
#77	.0180	1.55 mm	.0610	2.9 mm	.1142	4.8 mm	.1890	H	.2660	9.25 mm	.3642	17 mm	.6693
.5 mm	.0197	1/16"	.0625	#32	.1160	#12	.1890	6.8 mm	.2677	9.3 mm	.3661	43/64"	.6719
#76	.0200	1.6 mm	.0630	3 mm	.1181	#11	.1910	6.9 mm	.2717	U	.3680	11/16"	.6875
#75	.0210	#52	.0635	#31	.1200	4.9 mm	.1929	I	.2720	9.4 mm	.3701	17.5 mm	.6890
.55 mm	.0217	1.65 mm	.0650	3.1 mm	.1220	#10	.1935	7 mm	.2756	9.5 mm	.3740	45/64"	.7031
#74	.0225	1.7 mm	.0669	1/8"	.1250	#9	.1960	J	.2770	3/8"	.3750	18 mm	.7087
.6 mm	.0236	#51	.0670	3.2 mm	.1260	5 mm	.1969	7.1 mm	.2795	V	.3770	23/32"	.7188
#73	.0240	1.75 mm	.0689	3.25 mm	.1280	#8	.1990	K	.2810	9.6 mm	.3780	18.5 mm	.7283
#72	.0250	#50	.0700	#30	.1285	5.1 mm	.2008	9/32"	.2812	9.7 mm	.3819	47/64"	.7344
.65 mm	.0256	1.8 mm	.0709	3.3 mm	.1299	#7	.2010	7.2 mm	.2835	9.75 mm	.3839	19 mm	.7480
#71	.0260	1.85 mm	.0728	3.4 mm	.1339	13/64"	.2031	7.25 mm	.2854	9.8 mm	.3858	3/4"	.7500
.7 mm	.0276	#49	.0730	#29	.1360	#6	.2040	7.3 mm	.2874	W	.3860	49/64"	.7656
#70	.0280	1.9 mm	.0748	3.5 mm	.1378	5.2 mm	.2047	L	.2900	9.9 mm	.3898	19.5 mm	.7677
#69	.0292	#48	.0760	#28	.1405	5.5	.2055	7.4 mm	.2913	25/64"	.3906	25/32"	.7812
.75 mm	.0295	1.95 mm	.0768	9/64"	.1406	5.25 mm	.2067	M	.2950	10 mm	.3937	20 mm	.7874
#68	.0310	5/64"	.0781	3.6 mm	.1417	5.3 mm	.2087	7.5 mm	.2953	X	.3970	51/64"	.7969
1/32"	.0312	#47	.0785	#27	.1440	#4	.2090	19/64"	.2969	Y	.4040	20.5 mm	.8071
.8 mm	.0315	2 mm	.0787	3.7 mm	.1457	5.4 mm	.2126	7.6 mm	.2992	13/32"	.4062	13/16"	.8125
#67	.0320	2.05 mm	.0807	#26	.1470	#3	.2130	N	.3020	Z	.4130	21 mm	.8268
#66	.0330	#46	.0810	3.75 mm	.1476	5.5 mm	.2165	7.7 mm	.3031	10.5 mm	.4134	53/64"	.8281
.85 mm	.0335	#45	.0820	#25	.1495	7/32"	.2188	7.75 mm	.3051	27/64"	.4219	27/32"	.8438
#65	.0350	2.1 mm	.0827	3.8 mm	.1496	5.6 mm	.2205	7.8 mm	.3071	11 mm	.4331	21.5 mm	.8465
.9 mm	.0354	2.15 mm	.0846	#24	.1520	#2	.2210	7.9 mm	.3110	7/16"	.4375	55/64"	.8594
#64	.0360	#44	.0860	3.9 mm	.1535	5.7 mm	.2244	5/16"	.3125	11.5 mm	.4528	22 mm	.8661
#63	.0370	2.2 mm	.0866	#23	.1540	5.75 mm	.2264	8 mm	.3150	29/64"	.4531	7/8"	.8750
.95 mm	.0374	2.25 mm	.0886	5/32"	.1562	#1	.2280	O	.3160	19/32"	.4688	22.5 mm	.8858
#62	.0380	#43	.0890	#22	.1570	5.8 mm	.2283	8.1 mm	.3189	12 mm	.4724	57/64"	.8906
#61	.0390	2.3 mm	.0906	4 mm	.1575	5.9 mm	.2323	8.2 mm	.3228	31/64"	.4844	23 mm	.9055
1 mm	.0394	2.35 mm	.0925	#21	.1590	A	.2340	P	.3230	12.5 mm	.4921	29/32"	.9062
#60	.0400	#42	.0935	#20	.1610	15/64"	.2344	8.25 mm	.3248	1/2"	.5000	59/64"	.9219
#59	.0410	3/32"	.0938	4.1 mm	.1614	6 mm	.2362	8.3 mm	.3268	13 mm	.5118	23.5 mm	.9252
1.05 mm	.0413	2.4 mm	.0945	4.2 mm	.1654	B	.2380	21/64"	.3281	33/64"	.5156	15/16"	.9375
#58	.0420	#41	.0960	#19	.1660	6.1 mm	.2402	8.4 mm	.3307	17/32"	.5312	24 mm	.9449
#57	.0430	2.45 mm	.0965	4.25 mm	.1673	C	.2420	Q	.3320	13.5 mm	.5315	61/64"	.9531
1.1 mm	.0433	#40	.0980	4.3 mm	.1693	6.2 mm	.2441	8.5 mm	.3346	35/64"	.5469	24.5 mm	.9646
1.15 mm	.0453	2.5 mm	.0984	#18	.1695	D	.2460	8.6 mm	.3386	14 mm	.5512	31/32"	.9688
#56	.0465	#39	.0995	11/64"	.1719	6.25 mm	.2461	R	.3390	9/16"	.5625	25 mm	.9843
3/64"	.0469	#38	.1015	#17	.1730	6.3 mm	.2480	8.7 mm	.3425	14.5 mm	.5709	63/64"	.9844
1.2 mm	.0472	2.6 mm	.1024	4.4 mm	.1732	E	.2500	11/32"	.3438	37/64"	.5781	1"	1.0000
1.25 mm	.0492	#37	.1040	#16	.1770	1/4"	.2500	8.75 mm	.3445	15 mm	.5906	-	-
1.3 mm	.0512	2.7 mm	.1063	4.5 mm	.1772	6.4 mm	.2520	8.8 mm	.3465	19/32"	.5938	-	-

### Acotaciones:

- Fraccional
- Numérico
- Métrico
- Alfabético

### Medidas de Brocas para Machuelos (75% de Cuerda Completa)

MEDIDA MACHUELO	MEDIDA BROCA	MEDIDA MACHUELO	MEDIDA BROCA	MEDIDA MACHUELO	MEDIDA BROCA
0-80	3/64	10-32	21	5/8-18	37/64
M1.6x.35	1.25mm	M5x.8	4.2mm	M16x2	14mm
1-64	53	12-24	16	3/4-10	21/32
M2x.4	1.6mm	12-28	14	3/4-16	11/16
1-72	53	M6x1	5mm	M20x2.5	17mm
2-56	51	1/4-20	7	7/8-9	49/64
2-64	50	1/4-28	3	7/8-14	13/16
M2.5x.45	2.05mm	5/16-18	F	M24x3	21mm
3-48	47	5/16-24	I	1-8	7/8
3-56	45	M8x1.25	6.7mm	1-12	29/32
4-40	43	3/8-16	5/16	1-14	15/16
4-48	42	3/8-24	Q	1 1/8-7	63/64
M3x.5	2.5mm	M10x1.5	8.5mm	1 1/8-12	1-3/64
5-40	38	7/16-14	U	M30x3.5	26.5mm*
5-44	37	7/16-20	25/64	1 1/4-7	1-7/64
M3.5x.6	2.9mm	M12x1.75	10mm	1 1/4-12	1-11/64
6-32	36	1/2-13	27/64	1 3/8-6	1-3/16
6-40	33	1/2-20	29/64	1 3/8-12	1-9/32
M4x.7	3.3mm	M14x2	12mm	M36x4	1-1/4
8-32	29	9/16-12	31/64	1 1/2-6	1-11/32
8-36	29	9/16-18	33/64	1 1/2-12	1-27/64
10-24	25	5/8-11	17/32		

### Machuelos para Tubos

MEDIDA MACHUELO	MEDIDA BROCA NTP Y NPTF (CONICOS)	EQUIVALENTE DECIMAL	MEDIDA BROCA npS (RECTO)	EQUIVALENTE DECIMAL
1/8 - 27	R	0.339	S	0.348
1/4 - 18	7/16	0.4375	29/64	0.4531
3/8 - 18	3/64	0.5781	19/32	0.5938
1/2 - 14	23/32	0.7188	47/64	0.7344
3/4 - 14	59/64	0.9219	15/16	0.9375
1 - 11 1/2	1 1/32	1.1562	1 1/16	1.1875
1 1/4 - 11 1/2	1 1/2	1.5	1 33/64	1.5156
1 1/2 - 1 1/2	1 47/64	1.7344	1 3/4	1.75
2 - 11 1/2	2 1/32	2.2188	2 1/32	2.2188
2 1/2 - 8	2 5/8	2.625	2 21/32	2.6562
3 - 8	3 1/4	3.25	3 9/32	3.2812
3 1/2 - 8	3 3/4	3.75	3 23/32	3.7812
4 - 8	4 1/4	4.125	4 9/32	4.2812

