english to metric measurement conversion guide

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CONVERSION TABLE: US TO METRIC TO US

EXAMPLE: Multiply inches by 2.54 to get centimeters; multiply centimeters by 0.394 to get inches.

MULT	Х	=	Х	=
		,		
IN	2.54	CM	0.394	IN
FT	0.305	М	3.280	FT
YDS	0.914	M	1.094	YDS
MI	1.609	KM	0.621	MI
QTS	0.946	LTR	1.057	QTS
GAL	3.785	LTR	0.264	GAL
oz	28.349	GMS	0.035	ΟZ
LBS	0.454	KG	2.205	LBS
MPG	0.245	KM/LTR	2.354	MPG
MPH	1.609	KM/HR	0.621	MPH
1				

Fahrenheit to Celsius = $(F - 32) \times 5/9$

Celsius to Fahrenheit = (C x 9/5) + 32

CUSTOMPART.NET

rill size	Diameter (in)	Diameter (mm)	Drill size	Diameter (in)	Diameter (mm)	Drill size	Diameter (in)	Diameter (mn
#107	0.0019	0.0483	#36	0.1065	2.7051	W	0.3860	9.80
#106	0.0023	0.0584	7/64 in	0.1094	2.7781	25/64 in	0.3906	9.92
#105	0.0027	0.0686	#35	0.1100	2.7940	X	0.3970	10.083
#104	0.0031	0.0787	#34	0.1110	2.8194	Υ	0.4040	10.26
#103	0.0035	0.0889	#33	0.1130	2.8702	13/32 in	0.4063	10.318
#102	0.0039	0.0991	#32	0.1160	2.9464	Z	0.4130	10.490
#101	0.0043	0.1092	#31	0.1200	3.0480	27/64 in	0.4219	10.715
#100	0.0047	0.1194	1/8 in	0.1250	3.1750	7/16 in	0.4375	11.113
#99	0.0051	0.1295	#30	0.1285	3.2639	29/64 in	0.4531	11.509
#98	0.0055	0.1397	#29	0.1360	3.4544	15/32 in	0.4688	11.906
#97	0.0059	0.1499	#28	0.1405	3.5687	31/64 in	0.4844	12.300
#96	0.0063	0.1600	9/64 in	0.1406	3.5719	1/2 in	0.5000	12.700
#95	0.0067	0.1702	#27	0.1440	3.6576	33/64 in	0.5156	13.096
#94	0.0071	0.1803	#26	0.1470	3.7338	17/32 in	0.5313	13.490
#93	0.0075	0.1905	#25	0.1495	3.7973	35/64 in	0.5469	13.89
#92	0.0079	0.2007	#24	0.1520	3.8608	9/16 in	0.5625	14.287
#91	0.0083	0.2108	#23	0.1540	3.9116	37/64 in	0.5781	14.68
#90	0.0087	0.2210	5/32 in	0.1563	3.9688	19/32 in	0.5938	15.08
#89	0.0091	0.2311	#22	0.1570	3.9878	39/64 in	0.6094	15.478
#88	0.0095	0.2413	#21	0.1590	4.0386	5/8 in	0.6250	15.875
#87	0.0100	0.2540	#20	0.1610	4.0894	41/64 in	0.6406	16.27
#86	0.0105	0.2667	#19	0.1660	4.2164	43/64 in	0.6719	17.06
#85	0.0110	0.2794	#18	0.1695	4.3053	11/16 in	0.6875	17.46
#84	0.0115	0.2921	11/64 in	0.1719	4.3656	45/64 in	0.7031	17.85
#83	0.0120	0.3048	#17	0.1730	4.3942	23/32 in	0.7188	18.25
#82	0.0125	0.3175	#16	0.1770	4.4958	47/64 in	0.7344	18.65
#81	0.0130	0.3302	#15	0.1800	4.5720	3/4 in	0.7500	19.05
#80	0.0135	0.3429	#14	0.1820	4.6228	49/64 in	0.7656	19.44
#79	0.0145	0.3680	#13	0.1850	4.6990	25/32 in	0.7813	19.84
1/64 in	0.0156	0.3969	3/16 in	0.1875	4.7625	51/64 in	0.7969	20.24
#78	0.0160	0.4064	#12	0.1890	4.8006	13/16 in	0.8125	20.63
#77	0.0180	0.4572	#11	0.1910	4.8514	53/64 in	0.8281	21.03
#76	0.0200	0.5080	#10	0.1935	4.9149	27/32 in	0.8438	21.43
#75	0.0210	0.5334	#9	0.1960	4.9784	55/64 in	0.8594	21.82
#74	0.0225	0.5715	#8	0.1990	5.0546	7/8 in	0.8750	22.22
#73	0.0240	0.6096	#7	0.2010	5.1054	57/64 in	0.8906	22.62
#72	0.0250	0.6350	13/64 in	0.2031	5.1594	29/32 in	0.9063	23.01
#71	0.0260	0.6604	#6	0.2040	5.1816	21/23 in	0.9130	23.19
#70	0.0280	0.7112	#5	0.2055	5.2197	59/64 in	0.9219	23.41
#69	0.0292	0.7417	#4	0.2090	5.3086	15/16 in	0.9375	23.81
#68	0.0310	0.7874	#3	0.2130	5.4102	61/64 in	0.9531	24.20
1/32 in	0.0313	0.7938	7/32 in	0.2188	5.5563	31/32 in	0.9688	24.60
#67	0.0320	0.8128	#2	0.2210	5.6134	63/64 in	0.9844	25.00
#66	0.0330	0.8382	#1	0.2280	5.7912	1 in	1.0000	25.40
#65	0.0350	0.8890	А	0.2340	5.9436	1 1/64 in	1.0156	25.79
#64	0.0360	0.9144	15/64 in	0.2344	5.9531	1 1/32 in	1.0313	26.19
#63	0.0370	0.9398	В	0.2380	6.0452	1 3/64 in	1.0469	26.59
#62	0.0380	0.9652	С	0.2420	6.1468	1 1/16 in	1.0625	26.9
#61	0.0390	0.9906	D	0.2460	6.2484	1 5/64 in	1.0781	27.38
#60	0.0400	1.0160	1/4 in	0.2500	6.3500	1 3/32 in	1.0938	27.71
#59	0.0410	1.0414	Е	0.2500	6.3500	1 7/64 in	1.1094	28.17
#58	0.0420	1.0668	F	0.2570	6.5278	1 1/8 in	1.1250	28.57
#57	0.0430	1.0922	G	0.2610	6.6294	1 9/64 in	1.1406	28.97
#56	0.0465	1.1811	17/64 in	0.2656	6.7469	1 5/32 in	1.1563	29.36
3/64 in	0.0469	1.1906	Н	0.2660	6.7564	1 11/64 in	1.1719	29.76
#55	0.0520	1.3208	- 1	0.2720	6.9088	1 3/16 in	1.1875	30.18
#54	0.0550	1.3970	J	0.2770	7.0358	1 13/64 in	1.2031	30.56
#53	0.0595	1.5113	K	0.2810	7.1374	1 7/32 in	1.2188	30.98
1/16 in	0.0625	1.5875	9/32 in	0.2813	7.1438	1 15/64 in	1.2344	31.3
#52	0.0635	1.6129	L	0.2900	7.3660	1 1/4 in	1.2500	31.7
#51	0.0670	1.7018	М	0.2950	7.4930	1 17/64 in	1.2656	32.1-
#50	0.0700	1.7780	19/64 in	0.2969	7.5406	1 9/32 in	1.2813	32.5
#49	0.0730	1.8542	N	0.3020	7.6708	1 19/64 in	1.2969	32.9
5/64 in	0.0781	1.9844	5/16 in	0.3125	7.9375	1 5/16 in	1.3125	33.3
#47	0.0785	1.9939	0	0.3160	8.0264	1 21/64 in	1.3281	33.7
#46	0.0810	2.0574	Р	0.3230	8.2042	1 11/32 in	1.3438	34.10
#45	0.0820	2.0828	21/64 in	0.3281	8.3344	1 23/64 in	1.3594	34.52
#44	0.0860	2.1844	Q	0.3320	8.4328	1 3/8 in	1.3750	34.92
#43	0.0890	2.2606	R	0.3390	8.6106	1 25/64 in	1.3906	35.33
#42	0.0935	2.3749	11/32 in	0.3438	8.7313	1 13/32 in	1.4063	35.7
3/32 in	0.0938	2.3813	S	0.3480	8.8392	1 27/64 in	1.4219	36.1
#41	0.0960	2.4384	Т	0.3580	9.0932	1 7/16 in	1.4375	36.5
#40	0.0980	2.4892	23/64 in	0.3594	9.1281	1 29/64 in	1.4531	36.90
#39	0.0995	2.5273	23/04 III	0.3680	9.3472	1 15/32 in	1.4688	37.30
#38	0.1015	2.5781	3/8 in	0.3750	9.5250	1 31/64 in	1.4844	37.70
muu	0.1015	2.5761	3/0 III	0.3750	9.5758	1 1/2 in	1.5000	38.10

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