

DRILL SIZES - FOR SILLY OLD BUGGERS WHO BUGGER ABOUT WITH SILLY OLD CARS AND MOTORBIKES

#Number drills and # Letter drills are not used very much these days but they can be purchased, and some older engineering shops still have them

DRILL NAME			DIAMETER	
Fraction	#	Metric	Inches	mm
1/16			0.625	1.588
	#52		0.063	1.588
	#51		0.067	1.702
	#50		0.070	1.778
	#49		0.073	1.854
	#48		0.076	1.930
	#47		0.078	1.981
5/64			0.078	1.984
		2.0mm	0.079	2.000
	#46		0.081	2.057
	#45		0.082	2.083
	#44		0.086	2.184
	#43		0.089	2.261
	#42		0.093	2.362
3/32			0.094	2.388
	#41		0.096	2.438
	#40		0.098	2.489
		2.5mm	0.098	2.500
	#39		0.100	2.540
	#38		0.102	2.591
	#37		0.104	2.642
	#36		0.106	2.692
7/64			0.109	2.769
	#35		0.110	2.794
	#34		0.111	2.819
	#33		0.113	2.870
	#32		0.116	2.946
		3.0mm	0.118	3.000
	#31		0.120	3.048
1/8			0.125	3.175
	#30		0.129	3.264
	#29		0.136	3.454
		3.5mm	0.138	3.500
	#28		0.140	3.556
9/64			0.141	3.581
	#27		0.144	3.658
	#26		0.147	3.734
	#25		0.150	3.810
	#24		0.152	3.861
	#23		0.154	3.912
5/32			0.156	3.962
	#22		0.157	3.988
		4.0mm	0.158	4.000
	#21		0.159	4.039
	#20		0.160	4.064
	#19		0.166	4.216
	#18		0.170	4.318
11/64			0.172	4.369
	#17		0.173	4.394
	#16		0.177	4.496
		4.5mm	0.177	4.500
	#15		0.180	4.572

Continued in next column

DRILL NAME			DIAMETER	
Fraction	# Letter	Metric	Inches	mm
	#14		0.182	4.623
	#13		0.185	4.699
3/16			0.188	4.763
	#12		0.189	4.801
	#11		0.191	4.851
	#10		0.194	4.928
	#9		0.196	4.978
		5.0mm	0.197	5.000
	#8		0.199	5.055
	#7		0.201	5.105
13/64			0.203	5.156
	#6		0.204	5.182
	#5		0.206	5.232
	#4		0.209	5.309
	#3		0.213	5.410
		5.5mm	0.217	5.500
7/32			0.219	5.563
	#2		0.221	5.613
	#1		0.228	5.791
	#A		0.234	5.944
15/64			0.234	5.944
		6.0mm	0.236	6.000
	#B		0.238	6.045
	#C		0.242	6.147
	#D		0.246	6.248
	#E		0.250	6.350
1/4			0.250	6.350
		6.5mm	0.256	6.500
	#F		0.257	6.528
	#G		0.261	6.629
17/64			0.266	6.756
	#H		0.266	6.756
	#I		0.272	6.909
		7.0mm	0.276	7.000
	#J		0.277	7.036
	#K		0.281	7.137
9/32			0.281	7.137
	#L		0.290	7.366
	#M		0.295	7.493
		7.5mm	0.295	7.500
19/64			0.297	7.544
	#N		0.302	7.671
5/16			0.312	7.925
		8.0mm	0.315	8.000
	#O		0.316	8.026
	#P		0.323	8.204
21/64			0.328	8.331
	#Q		0.332	8.433
		8.5mm	0.335	8.500
	#R		0.339	8.611
11/32			0.344	8.738
	#S		0.348	8.839

Continued in next column

DRILL NAME			DIAMETER	
Fraction	Letter	Metric	Inches	mm
		9.0mm	0.354	9.000
	#T		0.358	9.093
23/64			0.359	9.119
	#U		0.368	9.347
		9.5mm	0.374	9.500
3/8			0.375	9.525
	#V		0.377	9.576
	#W		0.386	9.804
25/64			0.391	9.931
		10.0mm	0.394	10.000
	#X		0.397	10.084
	#Y		0.404	10.262
13/32			0.406	10.312
	#Z		0.413	10.490
		10.5mm	0.413	10.500
27/64			0.422	10.716
		11.0mm	0.433	11.000
7/16			0.438	11.113
		11.5mm	0.453	11.500
29/64			0.453	11.509
15/32			0.469	11.906
		12.0mm	0.472	12.000
31/64			0.484	12.303
		12.5mm	0.492	12.500
1/2			0.500	12.700
		13.0mm	0.512	13.000
33/64			0.516	13.097
17/32			0.531	13.494
		13.5mm	0.531	13.500
35/64			0.547	13.891
		14.0mm	0.551	14.000
9/16			0.563	14.288
		14.5mm	0.571	14.500
37/64			0.578	14.684
		15.0mm	0.591	15.000
19/32			0.594	15.081
39/64			0.609	15.478
		15.5mm	0.610	15.500
5/8			0.625	15.875
		16.0mm	0.630	16.000
41/64			0.641	16.272
		16.5mm	0.650	16.500
21/32			0.656	16.669
		17.0mm	0.669	17.000
43/64			0.672	17.066
11/16			0.688	17.463
		17.5mm	0.689	17.500
45/64			0.703	17.859
		18.0mm	0.709	18.000
23/32			0.719	18.256
47/64			0.734	18.653
		19.0mm	0.748	19.000
3/4			0.750	19.050

(Tip: If you have to drill a lot of holes for inserting 1/8" pop-rivets use a #30 drill. It's 0.004 over-size makes inserting the rivets much easier.)

This chart is not copyright so feel free to give copies to any other silly old buggers you know.