

DECIMAL CHART

Size	Decimal Equivalent	Size	Decimal Equivalent	Size	Decimal Equivalent	Size	Decimal Equivalent	Size	Decimal Equivalent	Size	Decimal Equivalent	Size	Decimal Equivalent
#85	.0110"	#59	.0410"	#41	.0960"	4.30 mm	.1693"	6.25 mm	.2461"	11/32	.3438"	19/32	.5938"
#84	.0115"	1.05 mm	.0413"	2.45 mm	.0965"	#18	.1695"	6.30 mm	.2480"	8.75 mm	.3445"	39/64	.6094"
0.30 mm	.0118"	#58	.0420"	#40	.0980"	11/64	.1719"	E	.2500"	8.80 mm	.3465"	15.50 mm	.6102"
#83	.0120"	#57	.0430"	2.50 mm	.0984"	#17	.1730"	1/4	.2500"	S	.3480"	5/8	.6250"
#82	.0125"	1.10 mm	.0433"	#39	.0995"	4.40 mm	.1732"	6.40 mm	.2520"	8.90 mm	.3504"	16.00 mm	.6299"
0.32 mm	.0126"	1.15 mm	.0453"	#38	.1015"	#16	.1770"	6.50 mm	.2559"	9.00 mm	.3543"	41/64	.6406"
#81	.0130"	#56	.0465"	2.60 mm	.1024"	4.50 mm	.1772"	F	.2570"	T	.3580"	16.50 mm	.6496"
#80	.0135"	3/64	.0469"	#37	.1040"	#15	.1800"	6.60 mm	.2598"	9.10 mm	.3583"	21/32	.6562"
0.35 mm	.0138"	1.20 mm	.0472"	2.70 mm	.1063"	4.60 mm	.1811"	G	.2610"	23/64	.3594"	17.00 mm	.6693"
0.36 mm	.0142"	1.25 mm	.0492"	#36	.1065"	#14	.1820"	6.70 mm	.2638"	9.20 mm	.3622"	43/64	.6719"
#79	.0145"	1.30 mm	.0512"	2.75 mm	.1083"	#13	.1850"	17/64	.2656"	9.25 mm	.3642"	11/16	.6875"
0.38 mm	.0150"	#55	.0520"	7/64	.1094"	4.70 mm	.1850"	6.75 mm	.2657"	9.30 mm	.3661"	17.50 mm	.6890"
1/64	.0156"	1.35 mm	.0531"	#35	.1100"	4.75 mm	.1870"	H	.2660"	U	.3680"	45/64	.7031"
0.40 mm	.0157"	#54	.0550"	2.80 mm	.1102"	3/16	.1875"	6.80 mm	.2677"	9.40 mm	.3701"	18.00 mm	.7087"
#78	.0160"	1.40 mm	.0551"	#34	.1110"	#12	.1890"	6.90 mm	.2717"	9.50 mm	.3740"	23/32	.7188"
0.42 mm	.0165"	1.45 mm	.0571"	#33	.1130"	#11	.1910"	I	.2720"	3/8	.3750"	18.50 mm	.7283"
0.44 mm	.0173"	1.50 mm	.0591"	2.90 mm	.1142"	#10	.1929"	7.00 mm	.2756"	V	.3770"	47/64	.7344"
0.45 mm	.0177"	#53	.0595"	#32	.1160"	4.90 mm	.1929"	J	.2770"	9.60 mm	.3780"	19.00 mm	.7480"
#77	.0180"	1.55 mm	.0610"	3.00 mm	.1181"	#10	.1935"	7.10 mm	.2795"	9.70 mm	.3819"	3/4	.7500"
0.46 mm	.0181"	1/16	.0625"	#31	.1200"	#9	.1960"	K	.2810"	9.75 mm	.3839"	49/64	.7656"
0.48 mm	.0189"	1.60 mm	.0630"	3.10 mm	.1220"	5.00 mm	.1969"	9/32	.2812"	9.80 mm	.3858"	19.50 mm	.7677"
0.50 mm	.0197"	#52	.0635"	1/8	.1250"	#8	.1990"	7.20 mm	.2835"	W	.3860"	25/32	.7812"
#76	.0200"	1.65 mm	.0650"	3.20 mm	.1260"	5.10 mm	.2008"	7.25 mm	.2854"	9.90 mm	.3898"	20.00 mm	.7874"
#75	.0210"	1.70 mm	.0669"	3.25 mm	.1280"	#7	.2010"	7.30 mm	.2874"	25/64	.3906"	51/64	.7969"
0.55 mm	.0217"	#51	.0670"	#30	.1285"	13/64	.2031"	L	.2900"	10.00 mm	.3937"	20.50 mm	.8071"
#74	.0225"	1.75 mm	.0689"	3.30 mm	.1299"	#6	.2040"	7.40 mm	.2913"	X	.3970"	13/16	.8125"
0.60 mm	.0236"	#50	.0700"	3.40 mm	.1339"	5.20 mm	.2047"	M	.2950"	Y	.4040"	21.00 mm	.8268"
#73	.0240"	1.80 mm	.0709"	#29	.1360"	#5	.2055"	7.50 mm	.2953"	13/32	.4062"	53/64	.8281"
#72	.0250"	1.85 mm	.0728"	3.50 mm	.1378"	5.25 mm	.2067"	19/64	.2969"	Z	.4130"	27/32	.8438"
0.65 mm	.0256"	#49	.0730"	#28	.1405"	5.30 mm	.2087"	7.60 mm	.2992"	10.50 mm	.4134"	21.50 mm	.8465"
#71	.0260"	1.90 mm	.0748"	9/64	.1406"	#4	.2090"	N	.3020"	27/64	.4219"	55/64	.8594"
0.70 mm	.0276"	#48	.0760"	3.60 mm	.1417"	5.40 mm	.2126"	7.70 mm	.3031"	11.00 mm	.4331"	22.00 mm	.8661"
#70	.0280"	1.95 mm	.0768"	#27	.1440"	#3	.2130"	7.75 mm	.3051"	7/16	.4375"	7/8	.8750"
#69	.0292"	5/64	.0781"	3.70 mm	.1457"	5.50 mm	.2165"	7.80 mm	.3071"	11.50 mm	.4528"	22.50 mm	.8858"
0.75 mm	.0295"	#47	.0785"	#26	.1470"	7/32	.2188"	7.90 mm	.3110"	29/64	.4531"	57/64	.8906"
#68	.0310"	2.00 mm	.0787"	3.75 mm	.1476"	5.60 mm	.2205"	5/16	.3125"	15/32	.4688"	23.00 mm	.9055"
1/32	.0312"	2.05 mm	.0807"	#25	.1495"	#2	.2210"	8.00 mm	.3150"	12.00 mm	.4724"	29/32	.9062"
0.80 mm	.0315"	#46	.0810"	3.80 mm	.1496"	5.70 mm	.2244"	O	.3160"	31/64	.4844"	59/64	.9219"
#67	.0320"	#45	.0820"	#24	.1520"	5.75 mm	.2264"	8.10 mm	.3189"	12.50 mm	.4921"	23.50 mm	.9252"
#66	.0330"	2.10 mm	.0827"	3.90 mm	.1535"	#1	.2280"	8.20 mm	.3228"	1/2	.5000"	15/16	.9375"
0.85 mm	.0335"	2.15 mm	.0846"	#23	.1540"	5.80 mm	.2283"	P	.3230"	13.00 mm	.5118"	24.00 mm	.9449"
#65	.0350"	#44	.0860"	5/32	.1562"	5.90 mm	.2323"	8.25 mm	.3248"	33/64	.5156"	61/64	.9531"
0.90 mm	.0354"	2.20 mm	.0866"	#22	.1570"	A	.2340"	8.30 mm	.3268"	17/32	.5312"	24.50 mm	.9646"
#64	.0360"	2.25 mm	.0886"	4.00 mm	.1575"	15/64	.2344"	21/64	.3281"	13.50 mm	.5315"	31/32	.9688"
#63	.0370"	#43	.0890"	#21	.1590"	6.00 mm	.2362"	8.40 mm	.3307"	35/64	.5469"	25.00 mm	.9843"
0.95 mm	.0374"	2.30 mm	.0906"	#20	.1610"	B	.2380"	Q	.3320"	14.00 mm	.5512"	63/64	.9844"
#62	.0380"	2.35 mm	.0925"	4.10 mm	.1614"	6.10 mm	.2402"	8.50 mm	.3346"	9/16	.5625"	25.40 mm	1.0000"
#61	.0390"	#42	.0935"	4.20 mm	.1654"	C	.2420"	8.60 mm	.3386"	14.50 mm	.5709"		
1.00 mm	.0394"	3/32	.0938"	#19	.1660"	6.20 mm	.2441"	R	.3390"	37/64	.5781"		
#60	.0400"	2.40 mm	.0945"	4.25 mm	.1673"	D	.2460"	8.70 mm	.3425"	15.00 mm	.5906"		

Reaming Stock Allowances On Diameter

KOMET DIHART® Fullmax High Performance Solid Carbide Reamers				
Bore Diameter	2.97-6.05 mm 0.117"-0.238"	6.06-12.05 mm 0.239"-0.474"	12.06-16.05 mm 0.475"-0.632"	16.06-20.05 mm 0.633"-0.789"
All Materials	0.10-0.20 mm 0.004"-0.008"	0.20 mm 0.008"	0.20-0.30 mm 0.008"-0.012"	0.30 mm 0.012"
Hardened Steel < 48HRC	0.10-0.20 mm 0.004"-0.008"	0.20 mm 0.008"	0.20 mm 0.008"	0.20 mm 0.008"
Hardened Steel 48-62 HRC	0.10 mm 0.004"	0.10 mm 0.004"	0.20 mm 0.008"	0.20 mm 0.008"

KOMET DIHART® High Performance Tipped Reamers				
Bore Diameter	< 12 mm < 0.472"	12-25 mm 0.472"-0.984"	25-50 mm 0.984"-1.968"	> 50 mm > 1.968"
All Materials	0.10-0.20 mm 0.004"-0.008"	0.20-0.30 mm 0.008"-0.012"	0.20-0.40 mm 0.008"-0.016"	0.30-0.50 mm 0.012"-0.020"

THE CUTTING EDGE

KOMET DIHART® Fullmax



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