



SOMTA
World Class Cutting Tools

OSG GROUP COMPANY



shaping your dreams

Metric Guide

	0" mm	1" mm	2" mm	3" mm	4" mm	5" mm
0	-	25.400	50.800	76.200	101.600	127.000
1/64	0.397	25.797	51.197	76.597	101.997	127.397
1/32	0.794	26.194	51.594	76.994	102.394	127.794
3/64	1.191	26.591	51.991	77.391	102.791	128.191
1/16	1.588	26.988	52.388	77.788	103.188	128.588
5/64	1.984	27.384	52.784	78.184	103.584	128.984
3/32	2.381	27.781	53.181	78.581	103.981	129.381
7/64	2.778	28.178	53.578	78.978	104.378	129.778
1/8	3.175	28.575	53.975	79.375	104.775	130.175
9/64	3.572	28.972	54.372	79.772	105.172	130.572
5/32	3.969	29.369	54.769	80.169	105.569	130.969
11/64	4.366	29.766	55.166	80.566	105.966	131.366
3/16	4.763	30.163	55.563	80.963	106.363	131.763
13/64	5.159	30.559	55.959	81.359	106.759	132.159
7/32	5.556	30.956	56.356	81.756	107.156	132.556
15/64	5.953	31.353	56.753	82.153	107.553	132.953
1/4	6.350	31.750	57.150	82.550	107.950	133.350
17/64	6.747	32.147	57.547	82.947	108.347	133.747
9/32	7.144	32.544	57.944	83.344	108.744	134.144
19/64	7.541	32.941	58.341	83.741	109.141	134.541
5/16	7.938	33.338	58.738	84.138	109.538	134.938
21/64	8.334	33.734	59.134	84.534	109.934	135.334
11/32	8.731	34.131	59.531	84.931	110.331	135.731
23/64	9.128	34.528	59.928	85.328	110.728	136.128
3/8	9.525	34.925	60.325	85.725	111.125	136.525
25/64	9.922	35.322	60.722	86.122	111.522	136.922
13/32	10.319	35.719	61.119	86.519	111.919	137.319
27/64	10.716	36.116	61.516	86.916	112.316	137.716
7/16	11.113	36.513	61.913	87.313	112.713	138.113
29/64	11.509	36.909	62.309	87.709	113.109	138.509
15/32	11.906	37.306	62.706	88.106	113.506	138.906
31/64	12.303	37.703	63.103	88.503	113.903	139.303
1/2	12.700	38.100	63.500	88.900	114.300	139.700
33/64	13.097	38.497	63.897	89.297	114.697	140.097
17/32	13.494	38.894	64.294	89.694	115.094	140.494
35/64	13.891	39.291	64.691	90.091	115.491	140.891
9/16	14.288	39.688	65.088	90.488	115.888	141.288
37/64	14.684	40.084	65.484	90.884	116.284	141.684
19/32	15.081	40.481	65.881	91.281	116.681	142.081
39/64	15.478	40.878	66.278	91.678	117.078	142.478
5/8	15.875	41.275	66.675	92.075	117.475	142.875
41/64	16.272	41.672	67.072	92.472	117.872	143.272
21/32	16.669	42.069	67.469	92.869	118.269	143.669
43/64	17.066	42.466	67.866	93.266	118.666	144.066
11/16	17.463	42.863	68.263	93.663	119.063	144.463
45/64	17.859	43.259	68.659	94.059	119.459	144.859
23/32	18.256	43.656	69.056	94.456	119.856	145.256
47/64	18.653	44.053	69.453	94.853	120.253	145.653
3/4	19.050	44.450	69.850	95.250	120.650	146.050
49/64	19.447	44.847	70.247	95.647	121.047	146.447
25/32	19.844	45.244	70.644	96.044	121.444	146.844
51/64	20.241	45.641	71.041	96.441	121.841	147.241
13/16	20.638	46.038	71.438	96.838	122.238	147.638
53/64	21.034	46.434	71.834	97.234	122.634	148.034
27/32	21.431	46.831	72.231	97.631	123.031	148.431
55/64	21.828	47.228	72.628	98.028	123.428	148.828
7/8	22.225	47.625	73.025	98.425	123.825	149.225
57/64	22.622	48.022	73.422	98.822	124.222	149.622
29/32	23.019	48.419	73.819	99.219	124.619	150.019
59/64	23.416	48.816	74.216	99.616	125.016	150.416
15/16	23.813	49.213	74.613	100.013	125.413	150.813
61/64	24.209	49.609	75.009	100.409	125.809	151.209
31/32	24.606	50.006	75.406	100.806	126.206	151.606
63/64	25.003	50.403	75.803	101.203	126.603	152.003

NUMBER AND LETTER DRILL SIZES					
	inch	mm		inch	mm
No.80	0.0135	0.343	No.27	0.1440	3.658
No.79	0.0145	0.368	No.26	0.1470	3.734
No.78	0.0160	0.406	No.25	0.1495	3.797
No.77	0.0180	0.457	No.24	0.1520	3.861
No.76	0.0200	0.508	No.23	0.1540	3.912
No.75	0.0210	0.533	No.22	0.1570	3.988
No.74	0.0225	0.572	No.21	0.1590	4.039
No.73	0.0240	0.610	No.20	0.1610	4.089
No.72	0.0250	0.635	No.19	0.1660	4.216
No.71	0.0260	0.660	No.18	0.1695	4.305
No.70	0.0280	0.711	No.17	0.1730	4.394
No.69	0.0292	0.742	No.16	0.1770	4.496
No.68	0.0310	0.787	No.15	0.1800	4.572
No.67	0.0320	0.813	No.14	0.1820	4.623
No.66	0.0330	0.838	No.13	0.1850	4.699
No.65	0.0350	0.889	No.12	0.1890	4.801
No.64	0.0360	0.914	No.11	0.1910	4.851
No.63	0.0370	0.940	No.10	0.1935	4.915
No.62	0.0380	0.965	No.9	0.1960	4.978
No.61	0.0390	0.991	No.8	0.1990	5.055
No.60	0.0400	1.016	No.7	0.2010	5.105
No.59	0.0410	1.041	No.6	0.2040	5.182
No.58	0.0420	1.067	No.5	0.2055	5.220
No.57	0.0430	1.092	No.4	0.2090	5.309
No.56	0.0465	1.181	No.3	0.2130	5.410
No.55	0.0520	1.321	No.2	0.2210	5.613
No.54	0.0550	1.397	No.1	0.2280	5.791
No.53	0.0595	1.511	LTR.A	0.2340	5.944
No.52	0.0635	1.613	LTR.B	0.2380	6.045
No.51	0.0670	1.702	LTR.C	0.2420	6.147
No.50	0.0700	1.778	LTR.D	0.2460	6.248
No.49	0.0730	1.854	LTR.E	0.2500	6.350
No.48	0.0760	1.930	LTR.F	0.2570	6.528
No.47	0.0785	1.994	LTR.G	0.2610	6.629
No.46	0.0810	2.057	LTR.H	0.2660	6.756
No.45	0.0820	2.083	LTR.I	0.2720	6.909
No.44	0.0860	2.184	LTR.J	0.2770	7.036
No.43	0.0890	2.261	LTR.K	0.2810	7.137
No.42	0.0935	2.375	LTR.L	0.2900	7.366
No.41	0.0960	2.438	LTR.M	0.2950	7.493
No.40	0.0980	2.489	LTR.N	0.3020	7.671
No.39	0.0995	2.527	LTR.O	0.3160	8.026
No.38	0.1015	2.578	LTR.P	0.3230	8.204
No.37	0.1040	2.642	LTR.Q	0.3320	8.433
No.36	0.1065	2.705	LTR.R	0.3390	8.611
No.35	0.1100	2.794	LTR.S	0.3480	8.839
No.34	0.1110	2.819	LTR.T	0.3580	9.093
No.33	0.1130	2.870	LTR.U	0.3680	9.347
No.32	0.1160	2.946	LTR.V	0.3770	9.576
No.31	0.1200	3.048	LTR.W	0.3860	9.804
No.30	0.1285	3.264	LTR.X	0.3970	10.084
No.29	0.1360	3.454	LTR.Y	0.4040	10.262
No.28	0.1405	3.569	LTR.Z	0.4130	10.490

USEFUL CONVERSION FACTORS

British - Metric

Metric - British

To convert	Multiply by	To convert	Multiply by
Inches to millimetres	25.40	Millimetres to inches	0.0393701
Feet to metres	0.3048	Metres to feet	3.28084
Yards to metres	0.9144	Metres to yards	1.09361
Miles to kilometres	1.60934	Kilometres to miles	0.621371
Square inches to square centimetres	6.4516	Square centimetres to square inches	0.1550
Square feet to square metres	0.092903	Square metres to square feet	10.76391
Square yards to square metres	0.836127	Square metres to square yards	1.19599
Square miles to square kilometres	2.58999	Square kilometres to square miles	0.3861
Cubic inches to cubic centimetres	16.3871	Cubic centimetres to cubic inches	0.061024
Cubic feet to cubic metres	0.028317	Cubic metres to cubic feet	35.3147
Cubic yards to cubic metres	0.764555	Cubic metres to cubic yards	1.30795
Pints to litres	0.568261	Litres to pints	1.76
Gallons to litres	4.54609	Litres to gallons	0.22
Ounces to grams	28.3495	Grams to ounces	0.035274
Pounds to kilograms	0.453592	Kilograms to pounds	2.20462
Tons to tonnes (1,000kg)	1.01605	Tonnes to tons	0.984207
Lb/sq.in. to kg/sq.m	703.070	Kg/sq.m to lb/sq.in.	0.001422
Fahrenheit = (9/5 x C°) + 32		Centigrade (Celsius) = (F° - 32) x 5/9	