

SELECT MANUFACTURES

CUTTING TOOLS

Allied Machine/Ame
Alvord-Polk
Balax
Brubaker
Chicago Latrobe
Cleveland Twist Drill
Craig
Criterion
Dorian
Everede
Form Roll
Fullerton
Garr
Geometric
GI Tool
Greenfield
Grobet
Guhring
Hannibal Carbide
Irwin
Kaiser Thin Bit
Kennametal
Keo
LMT Fette
MA Ford
Manchester
Metal Removal
Metcut
Micro 100
Mitsubishi Carbide
Moon Cutter
Niagara
Nicholson
Onsrud
OSG
Precision Twist/PTD
Putnam
Quality Chaser
Regal Cutting Tools
Reiff & Nestor
Relton
Republic
Robbjack
Scientific Cutting Tools
Seco
Sevcal / Severance
SGS Carbide
Starrett-Bandsaw
Thurston
Ttex
Tool Flo
Triangle
Union Butterfield
Valenite
Walter USA
Widia

ABRASIVES

3M
Anderson Brush
Cratex
Falcon
Merit
Norton/Saint-Gobain
Osborn
Radiac
Rex Cut
Simonds
Standard Abrasives
VSM
Walter
Weiler

MRO SHOP & SAFETY SUPPLIES

3M
Ashburb
Binks
Brady
Cedarberg
Coilhouse
CRC
Crown Mats
Devcon
Dyken
Ergodyne
Eveready
First Aid Only
Gojo
Helicoil
Intertape / IPG
Justrite
Kimberly Clark
Kool-Mist
Krylon
Lockwood Loc-Line
LPS
Markal/LACO
MCR Safety / Crews / Memphis
Moldex
Pip Gloves
Precision Brand
Rayovac
Relton Cutting Fluids
Shop Vac
SPC / Sorbent Products
Sprayon
Streamlight
Tapmatic
Tennessee Mat / Wearwell
Tingley
TPI Fans
WD-40
Weller

PORTABLE, ELECTRIC & AIR TOOLS

Bosch
Bostich
CP / Chicago Pneumatic
Dewalt
Dotco
Dynabrade
Florida Pneumatic
Makita
Milwaukee
National Detroit
Porter Cable
Sioux
Suhner

HAND TOOLS

Ames
Apex
Armstrong
Bahco
Blackhawk
Bondhus
CH Hanson
Channelock
Claus
Cooper Group
Crescent
De-Sta-Co
General Tool
H.K Porter
Holokrome
Ideal
Irwin
Jackson
JH Williams
Kant-Twist
klein
Lufkin
Lutz
Milbar
Nupla
Plumb
Proto
Razorback
Reed
Ridge / Ridgig
Snapon
Stanley-Proto
Starret-Tapes
Union
Vise-Grip
Wiha
Wilton Tool Group
Wiss
Xacto

PRECISION MEASURING & INSPECTION

Bausch & Lomb
Hexagon / Brown & Sharp
Luxo
Meyer
Mitutoyo
SPI
Starret
Sturtevant
Vermont Gage

MACHINERY & ACCESS.

Albrecht
All American
Baldor
Burr King
Clausing
Dake
Delta
Everett
Graymills
Greenlee
Hardinge
Heinrich
Jacobs
Jergens
Jet Equipment
JFK
Kurt
Lyndex
Max/Tannewitz
Parlec
PBA-Atlas
Phase-a-matic
Powermatic
Reneshaw
Royal Prod.
Safety Speed Cut
Somma
Techniks
United
Wilton Machinery
Win Ware / Cribmaster

MATERIAL HANDLING

Akro-mills
Columbus Mckinnon
Edsal
Huot
Kennedy
Lift All
Louisville
Lyon
Rubbermaid
Werner Ladder
Wesco

DECIMAL EQUIVALENTS

DRILL SIZE	MM	DECIMAL INCHES	DRILL SIZE	MM	DECIMAL INCHES	DRILL SIZE	MM	DECIMAL INCHES	DRILL SIZE	MM	DECIMAL INCHES	DRILL SIZE	MM	DECIMAL INCHES
-	0.10	.0039	53	1.51	.0595	-	4.00	.1575	J	7.04	.2770	-	14.00	.5512
-	0.20	.0079	1/16	1.59	.0625	21	4.04	.1590	K	7.14	.2810	9/16	14.29	.5625
-	0.25	.0098	52	1.61	.0635	20	4.09	.1610	9/32	7.14	.2812	37/64	14.68	.5781
-	0.30	.0118	51	1.70	.0670	19	4.22	.1660	L	7.37	.2900	-	15.00	.5906
80	0.34	.0135	50	1.78	.0700	18	4.31	.1695	M	7.49	.2950	19/32	15.08	.5938
79	0.37	.0145	49	1.85	.0730	11/64	4.37	.1719	19/64	7.54	.2969	39/64	15.48	.6094
1/64	0.40	.0156	48	1.93	.0760	17	4.39	.1730	N	7.67	.3020	5/8	15.88	.6250
78	0.41	.0160	5/64	1.98	.0781	16	4.50	.1770	5/16	7.94	.3125	-	16.00	.6299
77	0.46	.0180	47	1.99	.0785	15	4.57	.1800	-	8.00	.3150	41/64	16.27	.6406
-	0.50	.0197	-	2.00	.0787	14	4.62	.1820	O	8.03	.3160	21/32	16.67	.6562
76	0.51	.0200	46	2.06	.0810	13	4.70	.1850	P	8.20	.3230	-	17.00	.6693
75	0.53	.0210	45	2.08	.0820	3/16	4.76	.1875	21/64	8.33	.3281	43/64	17.07	.6719
74	0.57	.0225	44	2.18	.0860	12	4.80	.1890	Q	8.43	.3320	11/16	17.46	.6875
-	0.60	.0236	43	2.26	.0890	11	4.85	.1910	R	8.61	.330	45/64	17.86	.7031
73	0.61	.0240	42	2.37	.0935	10	4.91	.1935	11/32	8.73	.3438	-	18.00	.7087
72	0.64	.0250	3/32	2.38	.0938	9	4.98	.1960	S	8.84	.3480	23/32	18.26	.7188
71	0.66	.0260	41	2.44	.0960	-	5.00	.1968	-	9.00	.3543	47/64	18.65	.7344
-	0.70	.0276	40	2.50	.0980	8	5.05	.1990	T	9.09	.3580	-	19.00	.7480
70	0.71	.0280	39	2.53	.0995	7	5.11	.2010	23/64	9.13	.3594	3/4	19.05	.7500
69	0.74	.0292	38	2.58	.1015	13/64	5.16	.2031	U	9.35	.3680	49/64	19.45	.7656
-	0.75	.0295	37	2.64	.1040	6	5.18	.2040	3/8	9.53	.3750	25/32	19.84	.7812
68	0.79	.0310	36	2.71	.1065	5	5.22	.2055	V	9.56	.3770	-	20.00	.7874
1/32	0.79	.0313	7/64	2.78	.1094	4	5.31	.2090	W	9.80	.3860	51/64	20.24	.7969
-	0.80	.0315	35	2.79	.1100	3	5.41	.2130	25/64	9.92	.3906	13/16	20.64	.8125
67	0.81	.0320	34	2.82	.1110	7/32	5.56	.2188	-	10.00	.3937	-	21.00	.8268
66	0.84	.0330	33	2.87	.1130	2	5.61	.2210	X	10.08	.3970	53/64	21.03	.8281
65	0.89	.0350	32	2.95	.1160	1	5.79	.2280	Y	10.26	.4040	27/32	21.43	.8438
-	0.90	.0354	-	3.00	.1181	-	5.94	.2340	13/32	10.32	.4062	55/64	21.84	.8594
64	0.91	.0360	31	3.05	.1200	15/64	5.95	.2344	Z	10.49	.4130	-	22.00	.8661
63	0.94	.0370	1/8	3.18	.1250	-	6.00	.2362	27/64	10.72	.4219	7/8	22.23	.8750
62	0.97	.0380	30	3.26	.1285	B	6.05	.2380	-	11.00	.4331	57/64	22.62	.8906
61	0.99	.0390	29	3.45	.1360	C	6.15	.2420	7/16	11.11	.4375	-	23.00	.9055
-	1.00	.0394	28	3.57	.1405	D	6.25	.2460	29/64	11.51	.4531	29/32	23.02	.9062
60	1.02	.0400	9/64	3.57	.1406	1/4	6.35	.2500	15/32	11.91	.4688	59/64	23.42	.9219
59	1.04	.0410	27	3.66	.1440	E	6.35	.2500	-	12.00	.4724	15/16	23.81	.9375
58	1.07	.0420	26	3.73	.1470	F	6.53	.2570	31/64	12.30	.4844	-	24.00	.9449
57	1.09	.0430	25	3.80	.1495	G	6.63	.2610	1/2	12.70	.5000	61/64	24.21	.9531
56	1.18	.0465	24	3.86	.1520	17/64	6.75	.2656	-	13.00	.5118	31/32	24.61	.9688
3/64	1.19	.0469	23	3.91	.1540	H	6.76	.2660	33/64	13.10	.5156	-	25.00	.9842
55	1.32	.0520	5/32	3.97	.1562	I	6.91	.2720	17/32	13.49	.5312	63/64	25.00	.9844
54	1.40	.0550	22	3.99	.1570	-	7.00	.2756	35/64	13.89	.5469	1"	25.40	1.0000

TAP DRILL SIZES

*Reaming Recommended

TAP SIZE	DRILL SIZE	PROBABLE % THREAD	TAP SIZE	DRILL SIZE	PROBABLE % THREAD	TAP SIZE	DRILL SIZE	PROBABLE % THREAD	TAP SIZE	DRILL SIZE	PROBABLE % THREAD	PIPE TAP DRILL SIZES		
												TAP SIZE	DRILL SIZE	PROBABLE % THREAD
0-80	3/64	71-81	6-40	33	69-77	3/8-24	Q	71-79	7/8-9	49/64	72-76			
M1.6 x .35	1.25 mm	69-77	M4 x .7	3.25mm	74-82	M10 x 1.5	8.4 mm	76-82	7/8-14	13/16	62-67			
1-64	53	59-67	8-32	29	62-69	7/16-14	U	70-75	M24 x 3	53/64	72-76	1/16-27	D	1/4
M2 x .4	1/16	72-79	8-36	29	70-78	7/16-20	25/64	65-72	1-8	7/8	73-77	1/8-27	R	11/32
1-72	53	67-75	10-24	25	69-75	M12 x 1.75	13/32	69-74	1-12	59/64	67-72	1/4-18	7/16	7/16
2-56	50	62-69	10-32	21	68-76	1/2-13	27/64	73-78	1-14	15/16	61-67	1/4-18	7/16	7/16
2-64	50	70-79	M5 x .8	4.2mm	69-77	1/2-20	29/64	65-72	1-1/8-7	63/64	72-79	3/8-18	37/64	37/64
M2.5 x .45	2.05 mm	69-77	12-24	16	66-72	M14 x 2	15/32	49-81	1-1/8-12	1-3/64	66-72	1/2-14	45/64	23/32
3-48	5/64	70-77	12-28	15	70-78	9/16-12	31/64	68-72	M30 x 3.5	1-3/64*	75	1/2-14	45/64	23/32
3-56	46	69-78	M6 x 1	10	76-84	9/16-18	33/64	58-65	1-1/4-7	1-7/64*	76	3/4-14	59/64	59/64
4-40	43	65-71	1/4-20	7	70-75	5/8-11	17/32	75-79	1-1/4-12	1-11/64*	72	1-11/2	1-5/32	1-5/32
4-48	42	61-68	1/4-28	3	72-80	5/8-18	37/64	58-65	1-3/8-6	1-7/32*	72	1 1/4-11 1/2	1-1/2	1-1/2
M3 x .5	40	70-79	5/13-18	F	72-77	M16 x 2	35/64	76-81	1-3/8-12	1-19/64*	72	1 1/2-11 1/2	1-47/64	1-3/4
5-40	38	65-72	5/16-24	I	67-75	3/4-10	21/32	68-72	M36 x 4	1-1/4*	82	2-11 1/2	2-7/32	2-7/32
5-44	37	63-71	M8 x 1.25	6.7 mm	74-80	3/4-16	11/16	71-77	1-1/12-6	1-11/32*	72	2-11 1/2	2-7/32	2-7/32
M3.5 x .6	33	72-81	3/8-16	5/16	72-77	M20 x 2.5	11/16	74-78	1-1/2-12	1-27/64*	72	2 1/2-8	2-41/64	2-21/32
6-32	36	71-78												

**GENERAL
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