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DRILL BITS & COUNTERSINKS



MAGNUM SUPER PREMIUM DRILL BITS

These bits are made of a special Hi-Molybdenum tool steel which is much tougher than cobalt steel. They have a Split-Point design that makes the bit self-centering and non-walking.

SELF-CENTERING • NO DRILL WALKING • LONGER CUTTING LIFE

**CUTS HARDER MATERIALS • HOLDS TIGHTER HOLE SIZE
RUNS COOLER • USES LESS TORQUE**



TYPE 190-AG JOBBERS LENGTH DRILLS

BIT SIZE	DECIMAL EQUIVALENT	BIT SIZE	DECIMAL EQUIVALENT	BIT SIZE	DECIMAL EQUIVALENT
1/16	.0625	A	.2340	18	.1695
5/64	.0781	B	.2380	19	.1660
3/32	.0938	C	.2420	20	.1610
7/64	.1094	D	.2460	21	.1590
1/8	.1250	E	.2500	22	.1570
9/64	.1406	F	.2570	23	.1540
5/32	.1563	G	.2610	24	.1520
11/64	.1719	H	.2660	25	.1495
3/16	.1875	I	.2720	26	.1470
13/64	.2031	J	.2770	27	.1440
7/32	.2188	K	.2810	28	.1405
15/64	.2344	L	.2900	29	.1360
1/4	.2500	M	.2950	30	.1285
17/64	.2656	N	.3020	31	.1200
9/32	.2813	O	.3160	32	.1160
19/64	.2969	P	.3230	33	.1130
5/16	.3125	Q	.3320	34	.1110
21/64	.3281	R	.3390	35	.1100
11/32	.3438	S	.3480	36	.1055
23/64	.3594	T	.3580	37	.1040
3/8	.3750	U	.3680	38	.1015
25/64	.3906	V	.3770	39	.0995
13/32	.4063	W	.3860	40	.0980
27/64	.4219	X	.3970	41	.0960
7/16	.4375	Y	.4040	42	.0935
29/64	.4531	Z	.4130	43	.0890
15/32	.4688	1	.2280	44	.0860
31/64	.4844	2	.2210	45	.0820
1/2	.5000	3	.2130	46	.0610
33/64	.5156	4	.2090	47	.0785
17/32	.5313	5	.2055	48	.0760
35/64	.5469	6	.2040	49	.0730
9/16	.5625	7	.2010	50	.0700
37/64	.5781	8	.1990	51	.0670
19/32	.5938	9	.1960	52	.0635
39/64	.6094	10	.1935	53	.0595
5/8	.6250	11	.1910	54	.0550
41/64	.6406	12	.1890	55	.0520
21/32	.6563	13	.1850	56	.0465
43/64	.6719	14	.1820	57	.0430
11/16	.6875	15	.1800	58	.0420
45/64	.7031	16	.1770	59	.0410
23/32	.7188	17	.1730	60	.0400
47/64	.7344				
3/4	.7500				

TYPE 130-AG 1/2" SHANK S & D DRILLS

6" overall length, 3 flats on shank

BIT SIZE	DECIMAL EQUIVALENT	BIT SIZE	DECIMAL EQUIVALENT	BIT SIZE	DECIMAL EQUIVALENT
33/64	.5156	3/4	.7500	63/64	.9844
17/32	.5313	49/64	.7656	1	1.0000
35/64	.5469	25/32	.7813	1-1/32	1.0313
9/16	.5625	51/64	.7969	1-1/16	1.0625
37/64	.5781	13/16	.8125	1-3/32	1.0938
19/32	.5938	53/64	.8281	1-1/8	1.1250
39/64	.6094	27/32	.8438	1-5/32	1.1563
5/8	.6250	55/64	.8594	1-3/16	1.1875
41/64	.6406	7/8	.8750	1-7/32	1.2188
21/32	.6563	57/64	.8906	1-1/4	1.2500
43/64	.6719	29/32	.9063	1-5/16	1.3125
11/16	.6875	59/64	.9219	1-3/8	1.3750
45/64	.7031	15/16	.9375	1-7/16	1.4375
23/32	.7188	61/64	.9531	1-1/2	1.5000
47/64	.7344	31/32	.9688		

TYPE 175-AG MECHANICS LENGTH DRILLS

Shorter lengths, 3 flats on shank on 3/16" and larger

BIT SIZE	DECIMAL EQUIVALENT	BIT SIZE	DECIMAL EQUIVALENT	BIT SIZE	DECIMAL EQUIVALENT
1/16	.0625	7/32	.2188	3/8	.3750
5/64	.0781	15/64	.2344	25/64	.3906
3/32	.0938	1/4	.2500	13/32	.4063
7/64	.1094	17/64	.2656	27/64	.4219
1/8	.1250	9/32	.2813	7/16	.4375
9/64	.1406	19/64	.2969	29/64	.4531
5/32	.1563	5/16	.3125	15/32	.4688
11/64	.1719	21/64	.3281	31/64	.4844
3/16	.1875	11/32	.3438	1/2	.5000
13/64	.2031	23/64	.3594		

TYPE 178-AG 3/8" SHANK MECHANICS LENGTH DRILLS

3 Flats on Shank

BIT SIZE	DECIMAL EQUIVALENT	BIT SIZE	DECIMAL EQUIVALENT	BIT SIZE	DECIMAL EQUIVALENT
13/32	.4063	29/64	.4531	31/64	.4844
27/64	.4219	15/32	.4688	1/2	.5000
7/16	.4375				



TYPE 178-AG 3/8" SHANK MECHANICS LENGTH DRILLS

3 Flats on Shank 100° Standard Included Angle
(82° & 90° Special Order)

"D"	"S"	PART NUMBER	"D"	"S"	PART NUMBER	"D"	"S"	PART NUMBER
1/4"	3/16"	CA4003-1	1/2"	1/4"	CA4003-5A	7/8"	1/2"	CA4003-8
1/4"	1/4"	CA4003-1A	1/2"	3/8"	CA4003-5A	1"	1/2"	CA4003-9
5/16"	1/4"	CA4003-2	5/8"	1/4"	CA4003-6A	1-1/8"	1/2"	CA4003-10
3/8"	1/4"	CA4003-3	5/8"	3/8"	CA4003-6A	1-1/4"	5/8"	CA4003-11
7/16"	1/4"	CA4003-4	3/4"	1/2"	CA4003-7	1-1/2"	3/4"	CA4003-12

RIVET REMOVAL DRILL-OUT GUIDE

The Hanson Rivet Drill Guide is a simple tool that makes it easy to remove installed rivets. The kit contains 5 different drill guides made of hardened steel, 5 matching Cobalt Jobber bits and Boelube.

The Hanson Drill Guide centers a drill bit "dead center" on a protruding style rivet head so you can drill through the head of the rivet every time regardless of experience. Once the head is drilled through the remaining shank can be either be drilled through or knocked out. The Drill Guide is designed to work on Round, Universal, Pan, Brazier, Oval and Truss style heads.

The Drill Guide kit includes:
5 Rivet Drill Guides with bits for: 3/32", 1/8", 5/32", 3/16" & 1/4" diameter rivets.
A canister of Boelube.



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