



HANSON RIVET

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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

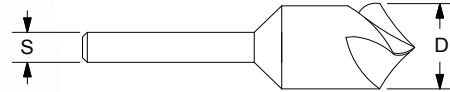
Shorter lengths, 3 flats on shank on 3/16" and larger

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				



COUNTERSINKS - SPIRAL FLUTE

100° Standard Included Angle
(82 & 90 Degree 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