



**CHAMPION CUTTING TOOL**  
**29 Piece Twister Drill Sets**

- 29 Piece drill sets in durable plastic cases.
- Includes 1/16 thru 1/2 x 64ths.
- Water resistant for use in damp environments.

MBS#	Description
TWISTER-XL5	XL5 Brute Platinum Drills
TWISTER-XL28	XL28 Brute Mechanics Drills
TWISTER-XGO	XGO BlackGold Drills

**NORSEMAN DRILL**  
**Type 190 Jobbers Length Drills**  
*Fractional and Wire Sizes*

Heavy-Duty, Surface Treated. This 135° split point drill is self centering and requires less thrust in drilling harder metal than a general purpose drill. It is recommended for medium hardness metal drilling applications.



MBS#	Dia.	Decimal Equivalent	O/A Lgth (in)	Flute Lgth (in)
04490	1/16"	.0625	1-7/8	7/8
04500	5/64"	.0781	2	1
04510	3/32"	.0938	2-1/4	1-1/4
04520	7/64"	.1094	2-5/8	1-1/2
04530	1/8"	.1250	2-3/4	1-5/8
05070	#30	.1285	2-3/4	1-5/8
04540	9/64"	.1406	2-7/8	1-3/4
05040	#27	.1440	3	1-7/8
04550	5/32"	.1563	3-1/8	2
04970	#20	.1610	3-1/4	2-1/8
04560	11/64"	.1719	3-1/4	2-1/8
04570	3/16"	.1875	3-1/2	2-5/16
04850	#8	.1990	3-5/8	2-7/16
04840	#7	.2010	3-5/8	2-7/16
04580	13/64"	.2031	3-5/8	2-7/16
04590	7/32"	.2188	3-3/4	2-1/2
04780	#1	.2280	3-7/8	2-5/8
04600	15/64"	.2344	3-7/8	2-5/8
04610	1/4"	.2500	4	2-3/4
04620	17/64"	.2656	4-1/8	2-7/8
04630	9/32"	.2812	4-1/4	2-15/16
04640	19/64"	.2969	4-3/8	3-1/16
04650	5/16"	.3125	4-1/2	3-3/16
04660	21/64"	.3281	4-5/8	3-5/16
04670	11/32"	.3438	4-3/4	3-7/16
04680	23/64"	.3594	4-7/8	3-1/2
04690	3/8"	.3750	5	3-5/8
04700	25/64"	.3906	5-1/8	3-3/4
04710	13/32"	.4062	5-1/4	3-7/8
04720	27/64"	.4219	5-3/8	3-15/16
04730	7/16"	.4375	5-1/2	4-1/16
04740	29/64"	.4531	5-5/8	4-3/16
04750	15/32"	.4688	5-3/4	4-5/16
04760	31/64"	.4844	5-7/8	4-3/8
04770	1/2"	.5000	6	4-1/2

**CHAMPION CUTTING TOOL**  
**XL5 Jobber Drills**  
**Decimal Sizes**



Field tests have proven Brute Platinum XL5 drills penetrate faster than cobalt. Users state lower fatigue levels, since less force is required to drill. Less breakage is also reported due to its "toughness:hardness ratio, enabling them to flex when cobalt drills chip or snap. Precision ground 135° split point eliminates the need for pilot hole drilling. Prevents "walking" and bites right into #300 and #400 series stainless steels.

MBS#	Decimal Equivalent	Flute Lgth	O/A Lgth
XL5-1/16	.0625	7/8	1-7/8
XL5-5/64	.0781	1	2
XL5-3/32	.0938	1-1/4	2-1/4
XL5-7/64	.1094	1-1/2	2-5/8
XL5-1/8	.1250	1-5/8	2-3/4
XL5-30	.1285	1-5/8	2-3/4
XL5-29XL5-30	.1360	1-3/4	2-7/8
XL5-9/64	.1406	1-3/4	2-7/8
XL5-27	.1440	1-7/8	3
XL5-5/32	.1563	2	3-1/8
XL5-20	.1610	2-1/8	3-1/4
XL5-11/64	.1719	2-1/8	3-1/4
XL5-3/16	.1875	2-5/16	3-1/2
XL5-8	.1990	2-7/16	3-5/8
XL5-7	.2010	2-7/16	3-5/8
XL5-13/64	.2031	2-7/16	3-5/8
XL5-7/32	.2188	2-1/2	3-3/4
XL5-1	.2280	2-5/8	3-7/8
XL5-15/64	.2344	2-5/8	3-7/8
XL5-1/4/E	.2500	2-3/4	4
XL5-17/64	.2656	2-7/8	4-1/8
XL5-9/32	.2812	2-15/16	4-1/4
XL5-19/64	.2969	3-1/16	4-3/8
XL5-5/16	.3125	3-3/16	4-1/2
XL5-21/64	.3281	3-5/16	4-5/8
XL5-11/32	.3438	3-7/16	4-3/4
XL5-23/64	.3594	3-1/2	4-7/8
XL5-3/8	.3750	3-5/8	5
XL5-25/64	.3906	3-3/4	5-1/8
XL5-13/32	.4062	3-7/8	5-1/4
XL5-27/64	.4219	3-15/16	5-3/8
XL5-7/16	.4375	4-1/16	5-1/2
XL5-29/64	.4531	4-3/16	5-5/8
XL5-15/32	.4688	4-5/16	5-3/4
XL5-31/64	.4844	4-3/8	5-7/8
XL5-1/2	.5000	4-1/2	6

**Call us for all your cutting tool needs.**



DRILLCO CUTTING TOOLS

**Nitro Heavy Duty Drills**

**135° Split Point Fractional and Wire Sizes**

Manufactured from a premium grade of M-7N molybdenum high speed steel. the Nitro Heavy Duty 135 degree Split Point drill with a Nitride surface treatment, that give a hard, protective layer to the drill (increases hardness without increasing brittleness), which is measurably harder than high speed steel. Body and clearance are gold and black surface treated for maximum lubricity. Recommended for use in stainless steel and other hard metal drilling. Packaging : 1/16' thru 19/64' and 'A' thru 'L', 12 per pack. 5/16' thru 1/2' and 'M' thru 'Z', 6 per pack

**MBS# Size Flute Lgth O/A Lgth**

**400N SERIES**

MBS#	Size	Flute Lgth	O/A Lgth
400N104	1/16	7/8	1-7/8
400N105	5/64	1"	2"
400N106	3/32	1-1/4	2-1/4
400N107	7/64	1-1/2	2-5/8
400N108	1/8	1-5/8	2-3/4
400N109	9/64	1-3/4	2-7/8
400N110	5/32	2"	3-1/8
400N111	11/64	2-1/8	3-1/4
400N112	3/16	2-5/16	3-1/2
400N113	13/64	2-7/16	3-5/8
400N114	7/32	2-1/2	3-3/4
400N115	15/64	2-5/8	3-7/8
400N116	1/4	2-3/4	4"
400N117	17/64	2-7/8	4-1/8
400N118	9/32	2-15/16	4-1/4
400N119	19/64	3-1/16	4-3/8
400N120	5/16	3-3/16	4-1/2
400N121	21/64	3-5/16	4-5/8
400N122	11/32	3-7/16	4-3/4
400N123	23/64	3-1/2	4-7/8
400N124	3/8	3-5/8	5"
400N125	25/64	3-3/4	5-1/8
400N126	13/32	3-7/8	5-1/4
400N127	27/64	3-15/16	5-3/8
400N128	7/16	4-1/16	5-1/2
400N129	29/64	4-3/16	5-5/8
400N130	15/32	4-5/16	5-3/4
400N131	31/64	4-3/8	5-7/8
400N132	1/2	4-1/2	6"

**440N SERIES**

440N501	A	2-5/8	3-7/8
440N502	B	2-3/4	4"
440N503	C	2-3/4	4"
440N504	D	2-3/4	4"
440N505	E	2-3/4	4"
440N506	F	2-7/8	4-1/8
440N507	G	2-7/8	4-1/8
440N508	H	2-7/8	4-1/8
440N509	I	2-7/8	4-1/8
440N510	J	2-7/8	4-1/8
440N511	K	2-15/16	4-1/4
440N512	L	2-15/16	4-1/4
440N513	M	3-1/16	4-3/8
440N514	N	3-1/16	4-3/8
440N515	O	3-3/16	4-1/2
440N516	P	3-5/16	4-5/8
440N517	Q	3-7/16	4-3/4
440N518	R	3-7/16	4-3/4
440N519	S	3-1/2	4-7/8
440N520	T	3-1/2	4-7/8
440N521	U	3-5/8	5"
440N522	V	3-5/8	5"

**MBS# Size Flute Lgth O/A Lgth**

440N523	W	3-3/4	5-1/8
440N524	X	3-3/4	5-1/8
440N525	Y	3-7/8	5-1/4
440N526	Z	3-7/8	5-1/4

**480N SERIES**

480N001	1	2-5/8	3-7/8
480N002	2	2-1/2	3-7/8
480N003	3	2-1/2	3-3/4
480N004	4	2-1/2	3-3/4
480N005	5	2-1/2	3-3/4
480N006	6	2-1/2	3-3/4
480N007	7	2-7/16	3-5/8
480N008	8	2-7/16	3-5/8
480N009	9	2-7/16	3-5/8
480N010	10	2-7/16	3-5/8
480N011	11	2-5/16	3-1/2
480N012	12	2-5/16	3-1/2
480N013	13	2-5/16	3-1/2
480N014	14	2-3/16	3-3/8
480N015	15	2-3/16	3-3/8
480N016	16	2-3/16	3-3/8
480N017	17	2-3/16	3-3/8
480N018	18	2-1/8	3-1/4
480N019	19	2-1/8	3-1/4
480N020	20	2-1/8	3-1/4
480N021	21	2-1/8	3-1/4
480N022	22	2"	3-1/8
480N023	23	2"	3-1/8
480N024	24	2"	3-1/8
480N025	25	1-7/8	3"
480N026	26	1-7/8	3"
480N027	27	1-7/8	3"
480N028	28	1-3/4	2-7/8
480N029	29	1-3/4	2-7/8
480N030	30	1-5/8	2-3/4
480N031	31	1-5/8	2-3/4
480N032	32	1-5/8	2-3/4
480N033	33	1-1/2	2-5/8
480N034	34	1-1/2	2-5/8
480N035	35	1-1/2	2-5/8
480N036	36	1-7/16	2-1/2
480N037	37	1-7/16	2-1/2
480N038	38	1-7/16	2-1/2
480N039	39	1-3/8	2-3/8
480N040	40	1-3/8	2-3/8
480N041	41	1-3/8	2-3/8
480N042	42	1-1/4	2-1/4
480N043	43	1-1/4	2-1/4
480N044	44	1-1/8	2-1/8
480N045	45	1-1/8	2-1/8
480N046	46	1-1/8	2-1/8
480N047	47	1"	2"
480N048	48	1"	2"
480N049	49	1"	2"
480N050	50	1"	2"
480N051	51	1"	2"
480N052	52	7/8	1-7/8
480N053	53	7/8	1-7/8
480N054	54	7/8	1-7/8
480N055	55	7/8	1-7/8
480N056	56	3/4	1-3/4
480N057	57	3/4	1-3/4
480N058	58	11/16	1-5/8
480N059	59	11/16	1-5/8
480N060	60	11/16	1-5/8



**NORSEMAN DRILL**  
**Type 128 General Purpose**  
**3/8" Shank**

- The general purpose 118° point high-speed steel drill is designed for use in portable air or electric drilling equipment with 3/8" chucks. Note: Surface treated flutes on sizes larger than 1/2".



MBS#	Dia. (in)	Decimal Equivalent	O/A Lgth (in)	Flute Lgth (in)
59570	25/64	.3906	5-1/8	3-3/4
59580	13/32	.4062	5-1/4	3-7/8
59590	27/64	.4219	5-3/8	3-15/16
59500	7/16	.4375	5-1/2	4-1/16
59600	29/64	.4531	5-5/8	4-3/16
59510	15/32	.4688	5-3/4	4-5/16
59610	31/64	.4844	5-7/8	4-3/8
59520	1/2	.5000	6	4-1/2
59530	17/32	.5312	6	4-1/4
59540	9/16	.5625	6	4-1/4
59550	19/32	.5938	6	4-1/4
59560	5/8	.6250	6	4-1/4

**CHAMPION CUTTING TOOL**  
**738 3/8" shank jobber drills**

For general purpose drilling in a wide range of materials where chuck capacity is 3/8".



MBS#	Decimal Equivalent	Flute Lgth	O/A Lgth
738-25/64	.3906	3-1/4	5-1/8
738-13/32	.4062	3-7/8	5-1/4
738-27/64	.4219	3-15/16	5-3/8
738-7/16	.4375	4-1/16	5-1/2
738-29/64	.4531	4-3/16	5-5/8
738-15/32	.4687	4-5/16	5-3/4
738-31/64	.4844	4-3/8	5-7/8
738-1/2	.5000	4-1/2	6
738-17/32	.5312	3-1/8	6
738-9/16	.5625	3-1/8	6
738-19/32	.5938	3-1/8	6
738-5/8	.6250	3-1/8	6
738-21/32	.6562	3-1/8	6
738-11/16	.6875	3-1/8	6

**CHAMPION CUTTING TOOL**  
**xl38 3/8" shank drills**

135° self piloting split point to reduce drill "walking" when starting a hole, while the tapered web promotes faster penetration with less force. NOMO treatment penetrates the surface of the drill, increasing hardness, durability and tool life.



MBS#	Decimal Equivalent	Flute Lgth	O/A Lgth
XL38-25/64	.3906	3-3/4	5-1/8
XL38-13/32	.4062	3-7/8	5-1/4
XL38-27/64	.4219	3-15/16	5-3/8
XL38-7/16	.4375	4-1/16	5-1/2
XL38-29/64	.4531	4-3/16	5-5/8
XL38-15/32	.4688	4-5/16	5-3/4
XL38-31/64	.4844	4-3/8	5-7/8
XL38-1/2	.5000	4-1/2	6

**DRILLCO CUTTING TOOLS**  
**Reduced 3/8 Shank Drills**  
**135° Split Point Fractional Sizes**  
**Nitro**

Reduced shank drills are used for drilling holes larger than the capacity of a 3/8 drill chuck. Reduced shank is not as hard as the body of drill to allow more flex and less breakage.



MBS#	Size	Flute Length	Overall Length
<b>SERIES 1035N</b>			
1035N125	25/64	3-3/4	5-1/8
1035N126	13/32	3-7/8	5-1/4
1035N127	27/64	3-15/16	5-3/8
1035N128	7/16	4-1/16	5-1/2
1035N129	29/64	4-3/16	5-5/8
1035N130	15/32	4-5/16	5-3/4
1035N131	31/64	4-3/8	5-7/8
1035N132	1/2	4-1/2	6"
1035N134	17/32	4-13/16	6-5/8
1035N136	9/16	4-13/16	6-5/8
1035N140	5/8	5-3/16	7-1/8
1035N144	11/16	5-5/8	7-5/8
1035N148	3/4	6-1/16	8-1/8

**NORSEMAN DRILL**  
**Type 125 Heavy Duty Drills**  
**1/4" Shank**

Heavy Duty, 135° Split Point.

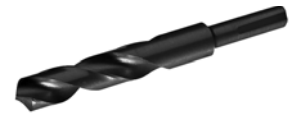
- This high speed drill is recommended for "punch" drilling in hard, tough sheet metal applications where quick and accurately located holes are required. An exclusive design of web and point, permits fast cutting at the moment of contact without walking or skidding.



MBS#	Dia. (in)	Decimal Equivalent	O/A Lgth (in)	Flute Lgth (in)
22440	5/16	.3125	2-13/16	1-5/8
22480	3/8	.3750	3-1/8	1-13/16
22520	7/16	.4375	3-7/16	2-1/16
22560	1/2	.5000	3-3/4	2-1/4

**CHAMPION CUTTING TOOL**  
**2705 1/4" shank screw machine drills**

- 135° heavy duty split point for self centering and easy penetration.
- Designed for portable drilling where chuck capacity is 9". For portable drilling of sheet metal and other thin materials.



MBS#	Decimal Equivalent	Flute Length	Overall Length
2705-5/16	.3125	1-5/8	2-13/16
2705-3/8	.3750	1-13/16	3-1/8
2705-7/16	.4375	2-1/16	3-7/16
2705-1/2	.5000	2-1/4	3-3/4



**NORSEMAN DRILL**  
**Type 135 Heavy Duty Drills**  
*Fractional and Wire Sizes*

Heavy Duty, 135° Split Point -  
 Surface Treated

- A sturdy drill for use in portable power drilling. Accurate centering, fast penetration. Ideal for sheet metal work.
- Sizes smaller than #52 are not split pointed.



MBS#	Diameter (in.)	Decimal Equivalent	Overall Length (in.)	Flute Length (in.)
<b>Fractional</b>				
25560	1/16	.0625	1-5/8	1/2
25570	5/64	.0781	1-11/16	5/8
25580	3/32	.0938	1-3/4	11/16
25590	7/64	.1094	1-13/16	3/4
25600	1/8	.1250	1-7/8	13/16
25610	9/64	.1406	1-15/16	7/8
25620	5/32	.1562	2-1/16	15/16
25630	11/64	.1719	2-1/8	1
25640	3/16	.1875	2-3/16	1-1/16
25650	13/64	.2031	2-1/4	1-1/8
25660	7/32	.2188	2-3/8	1-3/16
25670	15/64	.2344	2-7/16	1-1/4
25680	1/4	.2500	2-1/2	1-5/16
25690	17/64	.2656	2-5/8	1-3/8
25700	9/32	.2812	2-11/16	1-7/16
25710	19/64	.2969	2-3/4	1-9/16
25720	5/16	.3125	2-13/16	1-5/8
25730	21/64	.3281	2-15/16	1-11/16
25740	11/32	.3438	3	1-11/16
25750	23/64	.3594	3-1/16	1-3/4
25760	3/8	.3750	3-1/8	1-13/16
25770	25/64	.3906	3-1/4	1-7/8
25780	13/32	.4062	3-5/16	1-15/16
25790	27/64	.4219	3-3/8	2
25800	7/16	.4375	3-7/16	2-1/16
25810	29/64	.4531	3-9/16	2-1/8
25820	15/32	.4688	3-5/8	2-1/8
25830	31/64	.4844	3-11/16	2-3/16
25840	1/2	.5000	3-3/4	2-1/4
<b>Wire</b>				
25850	#1	.2280	2-7/16	1-5/16
25860	#2	.2210	2-7/16	1-5/16
25870	#3	.2130	2-3/8	1-1/4
25880	#4	.2090	2-3/8	1-1/4
25890	#5	.2055	2-3/8	1-1/4
25900	#6	.2040	2-3/8	1-1/4
25910	#7	.2010	2-1/4	1-3/16
25920	#8	.1990	2-1/4	1-3/16
25930	#9	.1960	2-1/4	1-3/16
25940	#10	.1935	2-1/4	1-3/16
25960	#11	.1910	2-1/4	1-3/16

MBS#	Diameter (in.)	Decimal Equivalent	Overall Length (in.)	Flute Length (in.)
25970	#12	.1890	2-1/4	1-3/16
25980	#13	.1850	2-3/16	1-1/8
25990	#14	.1820	2-3/16	1-1/8
26000	#15	.1800	2-3/16	1-1/8
26010	#16	.1770	2-3/16	1-1/8
26020	#17	.1730	2-3/16	1-1/8
26030	#18	.1695	2-1/8	1-1/16
26040	#19	.1660	2-1/8	1-1/16
26050	#20	.1610	2-1/8	1-1/16
26060	#21	.1590	2-1/8	1-1/16
26070	#22	.1570	2-1/8	1-1/16
26080	#23	.1540	2-1/16	1
26090	#24	.1520	2-1/16	1
26100	#25	.1495	2-1/16	1
26110	#26	.1470	2-1/16	1
26120	#27	.1440	2-1/16	1
26130	#28	.1405	1-15/16	15/16
26140	#29	.1360	1-15/16	15/16
26150	#30	.1285	1-15/16	15/16
26160	#31	.1200	1-7/8	7/8
26170	#32	.1160	1-7/8	7/8
26180	#33	.1130	1-7/8	7/8
26190	#34	.1110	1-7/8	7/8
26200	#35	.1100	1-7/8	7/8
26210	#36	.1065	1-13/16	13/16
26220	#37	.1040	1-13/16	13/16
26230	#38	.1015	1-13/16	13/16
26240	#39	.0995	1-13/16	13/16
26250	#40	.0980	1-13/16	13/16
26260	#41	.0960	1-13/16	13/16
26270	#42	.0935	1-3/4	3/4
26280	#43	.0890	1-3/4	3/4
26290	#44	.0860	1-3/4	3/4
26300	#45	.0820	1-3/4	3/4
26310	#46	.0810	1-3/4	3/4
26320	#47	.0785	1-3/4	3/4
26330	#48	.0760	1-11/16	11/16
26340	#49	.0730	1-11/16	11/16
26350	#50	.0700	1-11/16	11/16
26360	#51	.0670	1-11/16	11/16
26370	#52	.0635	1-11/16	11/16
26380	#53	.0595	1-5/8	5/8
26390	#54	.0550	1-5/8	5/8
26400	#55	.0520	1-5/8	5/8
26410	#56	.0465	1-3/8	1/2
26420	#57	.0430	1-3/8	1/2
26430	#58	.0420	1-3/8	1/2
26440	#59	.0410	1-3/8	1/2
26450	#60	.0400	1-3/8	1/2

**When only the best will do,  
 Call MBS Tool and Fastener**



**CHAMPION CUTTING TOOL**  
**1705 screw machine drills**



- Referred to as "stub drills". The short flute and overall length increase their rigidity, resulting in better hole accuracy and extended tool life.
- Recommended for the drilling of sheet metal, stainless steel, truck and mobile home bodies.

MBS#	Decimal Equivalent	Flute Lgth	O/A Lgth
1705-60	.0400	1/2	1-3/8
1705-59	.0410	1/2	1-3/8
1705-58	.0420	1/2	1-3/8
1705-57	.0430	1/2	1-3/8
1705-56	.0465	1/2	1-3/8
1705-3/64	.0469	1/2	1-3/8
1705-55	.0520	5/8	1-5/8
1705-54	.0550	5/8	1-5/8
1705-53	.0595	5/8	1-5/8
1705-1/16	.0625	5/8	1-5/8
1705-52	.0635	11/16	1-11/16
1705-51	.0670	11/16	1-11/16
1705-50	.0700	11/16	1-11/16
1705-49	.0730	11/16	1-11/16
1705-48	.0760	11/16	1-11/16
1705-5/64	.0781	11/16	1-11/16
1705-47	.0785	11/16	1-11/16
1705-46	.0810	3/4	1-3/4
1705-45	.0820	3/4	1-3/4
1705-44	.0860	3/4	1-3/4
1705-43	.0890	3/4	1-3/4
1705-42	.0935	3/4	1-3/4
1705-3/32	.0938	3/4	1-3/4
1705-41	.0960	13/16	1-13/16
1705-40	.0980	13/16	1-13/16
1705-39	.0995	13/16	1-13/16
1705-38	.1015	13/16	1-13/16
1705-37	.1040	13/16	1-13/16
1705-36	.1065	13/16	1-13/16
1705-7/64	.1094	13/16	1-13/16
1705-35	.1100	7/8	1-7/8
1705-34	.1110	7/8	1-7/8
1705-33	.1130	7/8	1-7/8
1705-31	.1160	7/8	1-7/8
1705-31	.1200	7/8	1-7/8
1705-1/8	.1250	7/8	1-7/8
1705-30	.1285	15/16	1-15/16
1705-29	.1360	15/16	1-15/16
1705-28	.1405	15/16	1-15/16
1705-9/64	.1406	15/16	1-15/16
1705-27	.1440	1	2-1/16
1705-26	.1470	1	2-1/16
1705-25	.1495	1	2-1/16
1705-24	.1520	1	2-1/16
1705-23	.1540	1	2-1/16
1705-5/32	.1562	1	2-1/16
1705-22	.1570	1-1/16	2-1/8
1705-21	.1590	1-1/16	2-1/8
1705-20	.1610	1-1/16	2-1/8
1705-19	.1660	1-1/16	2-1/8
1705-18	.1695	1-1/16	2-1/8
1705-11/64	.1719	1-1/16	2-1/8
1705-17	.1730	1-1/8	2-3/16
1705-16	.1770	1-1/8	2-3/16
1705-15	.1800	1-1/8	2-3/16
1705-14	.1820	1-1/8	2-3/16

MBS#	Decimal Equivalent	Flute Lgth	O/A Lgth
1705-13	.1850	1-1/8	2-3/16
1705-3/16	.1875	1-1/8	2-3/16
1705-12	.1890	1-3/16	2-1/4
1705-11	.1910	1-3/16	2-1/4
1705-10	.1935	1-3/16	2-1/4
1705-9	.1960	1-3/16	2-1/4
1705-8	.1990	1-3/16	2-1/4
1705-7	.2010	1-3/16	2-1/4
1705-13/64	.2031	1-3/16	2-1/4
1705-6	.2040	1-1/4	2-3/8
1705-5	.2055	1-1/4	2-3/8
1705-4	.2090	1-1/4	2-3/8
1705-3	.2130	1-1/4	2-3/8
1705-7/32	.2188	1-1/4	2-3/8
1705-2	.2210	1-5/16	2-7/16
1705-1	.2280	1-5/16	2-7/16
1705-A	.2340	1-5/16	2-7/16
1705-15/64	.2344	1-5/16	2-7/16
1705-B	.2380	1-3/8	2-1/2
1705-C	.2420	1-3/8	2-1/2
1705-D	.2460	1-3/8	2-1/2
1705-1/4/E	.2500	1-7/16	2-1/2
1705-F	.2570	1-7/16	2-5/8
1705-G	.2610	1-7/16	2-5/8
1705-17/64	.2656	1-7/16	2-5/8
1705-H	.2660	1-1/2	2-11/16
1705-I	.2720	1-1/2	2-11/16
1705-J	.2770	1-1/2	2-11/16
1705-K	.2810	1-1/2	2-11/16
1705-9/32	.2812	1-1/2	2-11/16
1705-L	.2900	1-9/16	2-3/4
1705-M	.2950	1-9/16	2-3/4
1705-19/64	.2969	1-9/16	2-3/4
1705-N	.3020	1-5/8	2-13/16
1705-5/16	.3125	1-5/8	2-13/16
1705-O	.3160	1-11/16	2-15/16
1705-P	.3230	1-11/16	2-15/16
1705-21/64	.3281	1-11/16	2-15/16
1705-Q	.3320	1-11/16	3
1705-R	.3390	1-11/16	3
1705-11/32	.3438	1-11/16	3
1705-S	.3480	1-3/4	3-1/16
1705-T	.3580	1-3/4	3-1/16
1705-23/64	.3594	1-3/4	3-1/16
1705-U	.3680	1-3/16	3-1/8
1705-3/8	.3750	1-3/16	3-1/8
1705-V	.3770	1-7/8	3-1/4
1705-W	.3860	1-7/8	3-1/4
1705-25/64	.3906	1-7/8	3-1/4
1705-X	.3970	1-15/16	3-5/16
1705-Y	.4040	1-15/16	3-5/16
1705-13/32	.4062	1-15/16	3-5/16
1705-Z	.4130	2	3-3/8
1705-27/64	.4219	2	3-3/8
1705-7/16	.4375	2-1/16	3-7/16
1705-29/64	.4531	2-1/8	3-9/16
1705-15/32	.4688	2-1/8	3-5/8
1705-31/64	.4844	2-3/16	3-11/16
1705-1/2	.5000	2-1/4	3-3/4

**MBS. Your one-stop for all your tool and fastener needs!**



DRILLCO CUTTING TOOLS

**Screw Machine Drills**

**135° Split Point Fractional Sizes**

**Nitro Stubbies**

Manufactured from a premium grade of M-7N molybdenum high speed steel. the Nitro Heavy Duty 135 degree Split Point drill with a Nitride surface treatment, that give a hard, protective layer to the drill (increases hardness without increasing brittleness), which is measurably harder than high speed steel. Body and clearance are gold and black surface treated for maximum lubricity. Recommended for use in stainless steel and other hard metal drilling.  
 Packaging : 1/16' thru 19/64' and 'A' thru 'L', 12 per pack. 5/16' thru 1/2' and 'M' thru 'Z', 6 per pack



MBS#	Size	Flute Length	Overall Length
<b>SERIES 300N</b>			
300N104	1/16	5/8	1-5/8
300N105	5/64	11/16	1-11/16
300N106	3/32	3/4	1-3/4
300N107	7/64	13/16	1-13/16
300N108	1/8	7/8	1-7/8
300N109	9/64	15/16	1-15/16
300N110	5/32	1"	2-1/16
300N111	11/64	1-1/16	2-1/8
300N112	3/16	1-1/8	2-3/16
300N113	13/64	1-3/16	2-1/4
300N114	7/32	1-1/4	2-3/8
300N115	15/64	1-5/16	2-7/16
300N116	1/4	1-3/8	2-1/2
300N117	17/64	1-7/16	2-5/8
300N118	9/32	1-1/2	2-11/16
300N119	19/64	1-9/16	2-3/4
300N120	5/16	1-5/8	2-13/16
300N121	21/64	1-11/16	2-15/16
300N122	11/32	1-11/16	3"
300N123	23/64	1-3/4	3-1/16
300N124	3/8	1-13/16	3-1/8
300N125	25/64	1-7/8	3-1/4
300N126	13/32	1-15/16	3-5/16
300N127	27/64	2"	3-3/8
300N128	7/16	2-1/16	3-7/16
300N129	29/64	2-1/8	3-9/16
300N130	15/32	2-1/8	3-5/8
300N131	31/64	2-3/16	3-11/16
300N132	1/2	2-1/4	3-3/4

CHAMPION CUTTING TOOL

**7012 12" aircraft extension drills**

- Flute length is the same as a standard jobber drill. Single piece construction. Spring tempered shanks prevent permanent bending when drilling holes not in direct alignment.
- Designed for drilling holes in aircraft assembly work where long reach is needed.

MBS#	Decimal Equivalent	Flute Length	Overall Length
7012-7/64	.1094	1-1/2	12
7012-1/8	.1250	1-5/8	12
7012-30	.1285	1-5/8	12
7012-29	.1360	1-3/4	12
7012-9/64	.1405	1-3/4	12
7012-5/32	.1562	2	12
7012-20	.1610	2-1/8	12
7012-11/64	.1719	2-1/8	12
7012-3/16	.1875	2-5/16	12
7012-8	.1990	2-7/16	12
7012-7	.2010	2-7/16	12
7012-13/64	.2031	2-7/16	12
7012-7/32	.2188	2-1/2	12
7012-1	.2280	2-5/8	12
7012-15/64	.2344	2-5/8	12
7012-1/4	.2500	2-3/4	12
7012-17/64	.2656	2-7/8	12
7012-9/32	.2812	2-15/16	12
7012-19/64	.2969	3-1/16	12
7012-5/16	.3125	3-3/16	12
7012-21/64	.3281	3-5/16	12
7012-11/32	.3438	3-7/16	12
7012-23/64	.3594	3-1/2	12
7012-3/8	.3750	3-5/8	12
7012-25/64	.3906	3-3/4	12
7012-13/32	.4062	3-7/8	12
7012-27/64	.4219	3-15/16	12
7012-7/16	.4375	4-1/16	12
7012-29/64	.4531	4-3/16	12
7012-15/32	.4688	4-5/16	12
7012-31/64	.4844	4-3/8	12
7012-1/2	.5000	4-1/2	12

**Check us out on line at [www.mbs-tools.com](http://www.mbs-tools.com)**



**CHAMPION CUTTING TOOL**

**7006 6" aircraft extension drills**

- The flute length on these drills is the same as a standard jobber drill. Single piece construction.
- For drilling holes in "hard-to-reach" places, especially in aircraft assembly work.

MBS#	Decimal Equivalent	Flute Lgth	O/A Lgth
7006-1/16	.0625	7/8	6
7006-5/64	.0781	1	6
7006-3/32	.0938	1-1/4	6
7006-7/64	.1094	1-1/2	6
7006-1/8	.1250	1-5/8	6
7006-30	.1285	1-5/8	6
7006-29	.1360	1-3/4	6
7006-9/64	.1406	1-3/4	6
7006-5/32	.1562	2	6
7006-20	.1610	2-1/8	6
7006-11/64	.1719	2-1/8	6
7006-3/16	.1875	2-5/16	6
7006-8	.1990	2-7/16	6
7006-7	.2010	2-7/16	6
7006-13/64	.2031	2-7/16	6
7006-7/32	.2188	2-1/2	6
7006-1	.2280	2-5/8	6
7006-15/64	.2344	2-5/8	6
7006-1/4	.2500	2-3/4	6
7006-9/32	.2812	2-15/16	6
7006-5/16	.3125	3-3/16	6
7006-3/8	.3750	3-5/8	6

**NORSEMAN DRILL**

**Type 166 Aircraft Extension Drills**

- Type 166 Aircraft Type B - 6", 135° Split Point - Surface Treated
- This heavy duty 135° split point high-speed steel drill is used extensively in Aircraft and transportation applications for drilling holes in hard to reach places.

MBS#	Dia. (in)	Decimal Equivalent	O/A Lgth (in)	Flute Lgth (in)
<b>Fractional</b>				
68470	3/32	.0938	6	1-1/4
68490	7/64	.1094	6	1-1/2
68500	1/8	.1250	6	1-5/8
68510	9/64	.1406	6	1-3/4
68520	5/32	.1563	6	2
68530	11/64	.1719	6	2-1/8
68540	3/16	.1875	6	2-5/16
68550	13/64	.2031	6	2-7/16
68560	7/32	.2188	6	2-1/2
68570	15/64	.2344	6	2-5/8
68580	1/4	.2500	6	2-3/4
68760	5/16	.3125	6	2-7/8
68770	3/8	.3750	6	3-1/8
68780	7/16	.4375	6	3-1/4
68790	1/2	.5000	6	3-1/2
<b>Wire</b>				
68590	#1	.2280	6	2-5/8
37400	#2	.2210	6	2-5/8
68600	#10	.1935	6	2-7/16
68610	#11	.1910	6	2-5/16
68620	#20	.1610	6	2-1/8
68630	#21	.1590	6	2-1/8
68640	#29	.1360	6	1-3/4
68650	#30	.1285	6	1-5/8
37490	#40	.0980	6	1-3/8

**NORSEMAN DRILL**

**Type 130 Silver & Deming Drills**

- Type 130 1/2" Shank Silver & Deming, 118° General Purpose
- This general purpose 118° point high-speed steel drill is recommended for use in portable air and electric drilling equipment with 1/2" chucks. Type 130 drills may be used in power applications such as drill presses where a short rigid drill is required.

MBS#	Dia (in)	O/A Lgth (in)
29130	33/64	6
29140	17/32	6
29150	35/64	6
29160	9/16	6
29170	37/64	6
29180	19/32	6
29190	39/64	6
29200	5/8	6
29210	41/64	6
29220	21/32	6
29230	43/64	6
29240	11/16	6
29250	45/64	6
29260	23/32	6
29270	47/64	6
29280	3/4	6
29290	49/64	6
29300	25/32	6
29310	51/64	6
29320	13/16	6
29330	53/64	6
29340	27/32	6
29350	55/64	6
29360	7/8	6
29370	57/64	6
29380	29/32	6
29390	59/64	6
29400	15/16	6
29410	61/64	6
29420	31/32	6
29430	63/64	6
29440	1	6
29450	1-1/16	6
29460	1-1/8	6
29470	1-5/32	6
29480	1-3/16	6
29490	1-1/4	6

*Call us for all your cutting tool needs.*



**DRILLCO CUTTING TOOLS**  
**1/2 Shank Silver & Deming Drills**  
**118° Split Point Fractional Sizes**  
**Nitro**

Manufactured from a premium grade of M-7N molybdenum high speed steel. the Nitro Heavy Dyty 118 degree Split Point drill with a Nitride surface treatment, that give a hard, protective layer to the drill (increases hardness without increasing brittleness), which is measurably harder than high speed steel. Body and clearance are gold and black surface treated for maximum lubricity. Recommended for use in stainless steel and other hard metal drilling.



MBS#	Size	Flute Length	Overall Length
<b>SERIES 1000N</b>			
1000N133	33/64	3"	6"
1000N134	17/32	3"	6"
1000N135	35/64	3"	6"
1000N136	9/16	3"	6"
1000N137	37/64	3"	6"
1000N138	19/32	3"	6"
1000N139	39/64	3"	6"
1000N140	5/8	3"	6"
1000N141	41/64	3"	6"
1000N142	21/32	3"	6"
1000N143	43/64	3"	6"
1000N144	11/16	3"	6"
1000N145	45/64	3"	6"
1000N146	23/32	3"	6"
1000N147	47/64	3"	6"
1000N148	3/4	3"	6"
1000N149	49/64	3"	6"
1000N150	25/32	3"	6"
1000N151	51/64	3"	6"
1000N152	13/16	3"	6"
1000N153	53/64	3"	6"
1000N154	27/32	3"	6"
1000N155	55/64	3"	6"
1000N156	7/8	3"	6"
1000N157	57/64	3"	6"
1000N158	29/32	3"	6"
1000N159	59/64	3"	6"
1000N160	15/16	3"	6"
1000N161	61/64	3"	6"
1000N162	31/32	3"	6"
1000N163	63/64	3"	6"
1000N164	1"	3"	6"

**CHAMPION CUTTING TOOL**  
**us12 silver & deming drills**

- "S&D" drills expand the range of 3/4" portable drill chucks.
- Ideal for drilling in both low and medium tensile strength materials.
- "S&D" drills should not be used to enlarge holes. See SA80 reamer listing.



MBS#	Decimal Equivalent	Flute Length	Overall Length
US12-17/32	.5312	3-1/8	6
US12-9/16	.5625	3-1/8	6
US12-19/32	.5938	3-1/8	6
US12-5/8	.6250	3-1/8	6
US12-21/32	.6562	3-1/8	6
US12-11/16	.6875	3-1/8	6
US12-23/32	.7188	3-1/8	6
US12-3/4	.7500	3-1/8	6
US12-25/32	.7812	3-1/8	6
US12-13/16	.8125	3-1/8	6
US12-27/32	.8438	3-1/8	6
US12-7/8	.8750	3-1/8	6
US12-29/32	.9062	3-1/8	6
US12-15/16	.9375	3-1/8	6
US12-31/32	.9688	3-1/8	6
US12-1	1.0000	3-1/8	6
US12-1-1/16	1.0625	3-1/8	6
US12-1-1/8	1.1250	3-1/8	6
US12-1-3/16	1.1875	3-1/8	6
US12-1-1/4	1.2500	3-1/8	6
US12-1-5/16	1.3125	3-1/8	6
US12-1-3/8	1.3750	3-1/8	6
US12-1-1/2	1.5000	3-1/8	6

**CHAMPION CUTTING TOOL**  
**8 Piece S&D Drills**

MBS#	Description
712-8P	712 HSS Drills
XL12-8P	XL12 Brute Platinum Drills

**DRILLCO CUTTING TOOLS**  
**Double End Sheeters**  
**Drill Bits**

- Double End Sheeter Drill Bits are excellent for thin gauge metals such as sheet metal.



MBS#	Size	Flute Length	Overall Length
<b>SERIES 330</b>			
330A107	7/64	1/2	1-7/8
330A108	1/8	1/2	2"
330A109	9/64	1/2	2"
330A110	5/32	1/2	2-1/16
330A112	3/16	1/2	2-3/16
330A114	7/32	1/2	2-3/8
330A116	1/4	1/2	2-1/2
330A011	#11	1/2	2-1/4
330A020	#20	1/2	2-1/8
330A030	#30	1/2	2"

*If you don't see it we can get it for you.*



**CHAMPION CUTTING TOOL**  
**1805 double end sheeter drills**

- For drilling sheet metal. The split point insures proper centering and easy penetration, while the short flute and overall length provide rigidity.
- Application: Metal building erection, automobile and truck manufacturing and auto body repair.



MBS#	Decimal Equivalent	Flute Length	Overall Length
1805-30	.1285	1/2	2
1805-7/64	.1093	1/2	2
1805-1/8	.1250	1/2	2
1805-9/64	.1406	1/2	2
1805-5/32	.1562	1/2	2
1805-3/16	.1875	1/2	2
1805-7/32	.2187	1/2	2
1805-1/4	.2500	1/2	2

**POWERS FASTENERS**  
**Carbide Drill Bits**  
**Single Tip Spline**

Use in: Rotary hammer with spline chuck  
 Spline carbide drill bits are designed for use in a rotary hammer equipped with a spline type chuck. The bits are manufactured to conform with ANSI standard B212.15 and can be used to drill in concrete, block, brick, and soft stone. Single tip head style is available. These bits produce rounder and more accurately located anchor holes.  
 Std. Tube: 1



MBS#	Size (in.)	Usable Length (in.)
1402	3/8 x 11	6
1403	3/8 x 16	11
1407	1/2 x 10	5
1408	1/2 x 13	8
1409	1/2 x 16	11
1410	1/2 x 23	18
1412	1/2 x 27	22
1413	1/2 x 36	31
1420	5/8 x 16	11
1433	3/4 x 16	11

**POWERS FASTENERS**  
**Carbide Drill Bits**  
**Rotary Hammer**  
**SDS-Plus® / S-4 Plus™**

Use in: Rotary hammer with SDS chuck or SDS adapter  
 SDS-Plus® carbide drill bits are designed for use in a rotary hammer equipped with an SDS (slotted drive shaft) type chuck. The bits are manufactured to conform with ANSI standard B212.15 and can be used to drill in concrete, block, brick, and soft stone.  
 S-4 Plus™ SDS carbide drill bits are manufactured to conform with the same industry standard but have a new carbide and flute design providing up to 27% faster drilling.  
 Std. Pouch: 1  
 394, 396: Use of SDS-Plus® drill bit in larger rotary hammers with an adapter will reduce bit life.



MBS#	Size (in)	Usable Lgth (in)
302	5/32 x 6	4
304	3/16 x 4	2
310	3/16 x 10	8
312	3/16 x 12	10
314	3/16 x 14	12
320	1/4 x 4	2
323	1/4 x 11	9
324	1/4 x 14	12
325	1/4 x 16	14
327	1/4 x 20	18
329	5/16 x 6	4
331	5/16 x 12	10
333	3/8 x 6	4
334	3/8 x 8	6
336	3/8 x 12	10
338	3/8 x 18	16
339	3/8 x 24	22
341	7/16 x 6	4
343	7/16 x 12	10
346	1/2 x 6	4
348	1/2 x 10	8
349	1/2 x 12	10
351	1/2 x 18	16
352	1/2 x 24	22
354	9/16 x 6	4
355	9/16 x 10	8
359	5/8 x 8	6
361	5/8 x 12	10
362	5/8 x 18	16
364	11/16 x 8	6
365	11/16 x 12	10
368	3/4 x 8	6
370	3/4 x 12	10
371	3/4 x 18	16
373	27/32 x 8	6
375	7/8 x 8	6
376	7/8 x 12	10
377	7/8 x 18	16
379	1 x 8	6
380	1 x 10	8
381	1 x 12	10
382	1 x 18	16
394		
396		

Spline to SDS Adapter  
 SDS Max Adapter

*We have what you need at a price that can't be beat.*



**POWERS FASTENERS**

**Carbide Drill Bits**

**Rotary Hammer  
 SDS-Max®**

Use in: Rotary hammer with SDS-Max® chuck



SDS-Max® carbide drill bits are designed for use in a rotary hammer equipped with a SDS-Max® type chuck. The bits are manufactured to conform with ANSI standard B212.15 and can be used to drill in concrete, block, brick, and soft stone.

Most SDS-Max® carbide drill bits have the Quatro™ head design which reduces vibration up to 60% and noise up to 30%. Std. Tube: 1  
 8801, 8802: 1/2" size have a single tip and standard helical fluting.

MBS#	Size (in.)	Usable Length (in.)
8801	1/2 x 13	8
8802	1/2 x 21	16
8809	5/8 x 13	8
8810	5/8 x 21	16
8812	5/8 x 36	31
8817	3/4 x 13	8
8818	3/4 x 21	16
8829	7/8 x 13	8
8830	7/8 x 21	16
8833	1 x 13	8
8834	1 x 21	16
8844	1 1/8 x 23	18
8847	1 1/4 x 23	18
8853	1 3/8 x 23	18
8859	1 1/2 x 23	18

**CHAMPION CUTTING TOOL**

**Combination drill & screw extractors sets**

Includes: 705LH drills, 5/64, 7/64, 5/32, 1/4, 19/64, and screw extractors # 1-5.

**MBS#**

X1-705LH

**M K MORSE  
 Pilot Drills and  
 Accessories**



ME12 Arbor Extension can be used with all 7/16" shank arbors.

MBS#	Comp #	Description
MPD4N01	140782	4 in. x 1/4 in. (102mm x 6.5mm) Pilot Drill, 3 Notches for Set Screws
MPD4S01	140799	2 7/8 in. x 1/4 in. (102mm x 6.5mm) Pilot Drill for M24, M34, M35PS Arbors
ME12	141123	12 in. (305mm) Extension for Shank of 7/16 in. (10.5mm) Arbors

**CHAMPION CUTTING TOOL**

**SA80 Reamer Sets**



MBS#	Description
SA80-SET	3 Piece SA80: 1/2, 5/8 & 3/4
SA80P-SET4	4 Piece SA80: 3/8, 1/2, 5/8 & 3/4

**CHAMPION CUTTING TOOL  
 SA80 Maintenance Reamers**

Enlarge and align existing holes. Effortlessly fits into small holes. Used in steel erection, automotive, truck & trailer manufacturing and repair. Quickly aligns structural steel. Cuts stainless steel & tough alloys. Deburs welded & punched holes. Ideal for maintenance & repair.



MBS#	Decimal Equivalent	No. of Flutes	Point Dia.	Flute Lgth	O/A Lgth
SA80-5/16	.3125	4	.176	3	4-3/4
SA80-3/8	.3750	4	.188	3	5
SA80-7/16	.4375	4	.218	3-1/4	5-1/4
SA80-1/2	.5000	5	.230	3-15/16	5-15/16
SA80-9/16	.5625	5	.2925	3-15/16	5-15/16
SA80-5/8	.6250	5	.259	4-1/2	6-9/16
SA80-.652	.6520	5	.293	4-3/4	6-9/16
SA80-11/16	.6875	5	.3125	4-1/2	6-9/16
SA80-3/4	.7500	5	.453	4-15/16	7
SA80-.776	.7760	5	.461	5-3/16	7
SA80-13/16	.8125	5	.5155	4-15/16	7
SA80-7/8	.8750	5	.580	5-3/16	7-1/4
SA80-15/16	.9375	5	.6425	5-3/16	7-1/4
SA80-1	1.0000	5	.708	5-3/16	7-1/4
SA80-1-1/16	1.0625	5	.753	5-7/16	7-1/4

**CHAMPION CUTTING TOOL**

**XL86 Hex Shank Bridge Reamers**

Use in rotary impact sockets, high helix is faster & chips less than standard helix in impact wrench applications. Shank diameter for each reamer matches socket size for bolt which will be driven through the newly reamed hole. Application: Aligning & enlarging holes in heavy duty structural steel applications.



MBS#	Point Dia.	Flute Lgth	O/A Lgth	Hex Dia.
XL86-11/16	11/32	5-3/4	9-3/16	1-1/16
XL86-13/16	35/64	6-3/8	9-3/4	1-1/4
XL86-15/16	11/16	7	10-13/16	1-7/16
XL86-1-1/16	13/16	7	10-15/16	1-5/8
XL86-1-3/16	57/64	7	10-31/32	1-13/16
XL86-1-5/16	1-1/16	7	11-5/16	2
XL86-1-3/8	1-1/16	7-3/8	10	2
XL86-1-7/16	1-1/8	7-3/8	10	2
XL86-1-1/2	1-1-3/16	7-3/8	10	2
XL86-1-9/16	1-1/4	7-3/8	10	2
XL86-1-5/8	1-5/16	7-1/2	13	2



**DRILLCO CUTTING TOOLS**  
**Adjustable Blade Reamers**

Designed to permit the user to set them to any desired diameter within the range of the adjustment. This adjustment permits them to be set to a special diameter, and also, when the reamers are worn, allows them to be set oversize, reground, and resharpener.



MBS#	Frac Sizes	Size Range	Overall Length
<b>SERIES 4100E</b>			
41E008	8/A	1/4-9/32	3-1/2
41E007	7/A	9/32-5/16	3-3/4
41E006	6/A	5/16-11/32	4"
41E005	5/A	11/32-3/8	4-1/4
41E004	4/A	3/8-13/32	4-1/2
41E003	3/A	13/32-7/16	4-3/4
41E002	2/A	7/16-15/32	5"
41E501	A	15/32-17/32	5-1/4
41E502	B	17/32-19/32	5-3/4
41E503	C	19/32-21/32	6-1/4
41E504	D	21/32-23/32	6-3/4
41E505	E	23/32-25/32	7-1/4
41E506	F	25/32-27/32	7-3/4
41E507	G	27/32-15/16	8-1/4
41E508	H	15/16-1-1/16	8-3/4
41E509	I	1-1/16 - 1-3/16	10"
41E510	J	1-3/16 - 1-11/32	11"
41E511	K	1-11/32 - 1-1/2	12"
41E512	L	1-1/2 - 1-13/16	13"
41E513	M	1-13/16 - 2-7/32	15"
41E514	N	2-7/32 - 2-3/4	17"
41E515	O	2-3/4 - 3-11/32	19"

**DRILLCO CUTTING TOOLS**  
**Construction Reamer**

Adapted for heavy duty reaming as encountered in the fabrication of structural steel assemblies. They are tapered at the point to facilitate entering of holes which are out of alignment.



MBS#	Tool Size	Shank Dia.	Flute Lgth	O/A Lgth
428A216	1-1/4	3/4	5"	6-7/8

**CHAMPION CUTTING TOOL**  
**CS107P Tap & Die Set**

Contains all the items listed in CS60P plus 1 each:  
 302M plug tap / CS30M hex die:  
 3x.6, 4x.7, 4x.75, 5x.8, 5x.9, 6x1.0,  
 7x1.0, 8x1.25, 9x1.0, 9x1.25,  
 10x1.25, 10x1.5, 11x1.5, 12x1.5,  
 14x1.25, 14x2.0, 16x1.5, 16x2.0,  
 18x1.5, 18x2.5; 304-1/8-28BSP,  
 304-1/4-19BSP pip taps; CS30-1/8-  
 28BSP, CS30-1/4-19BSP pipe die. Accessories: metric screw pitch gauge.



MBS#	Description
CS107P	302 taps & CS30 dies. 302M taps & CS30M dies

**CHAMPION CUTTING TOOL**  
**CS60P Tap & Die Set**

302 plug tap / CS30 hex die: 6-32, 8-32, 10-24, 10-32, 12-24, 1/4-20, 1/4-28, 5/16-18, 5/16-24, 3/8-16, 3/8-24, 7/16-14, 7/16-20, 1/2-13, 1/2-20, 9/16-12, 9/16-18, 5/8-11, 5/8-18, 3/4-10, 3/4-16; X1#1 thru #5 screw extractors; 304-1/8-27 NPT, 304-1/4-18NPT pipe taps; CS30-1/8-27NPT, CS30-1/4-18NPT pipe die. Accessories: 2001-6 (1/2-3/4) bar tap wrenches; 3292x1, 3292x1-7/16 die stocks, 2002-1 (#4-1/4) T-handle tap wrench; screw pitch gauge; screwdriver.



MBS#	Description
CS60P	302 taps & CS30 dies

**CHAMPION CUTTING TOOL**  
**CS40P Tap & Die Set**

302 plug taps / CS30 hex dies: 4-40, 6-32, 8-32, 10-24, 10-32, 12-24, 1/4-20, 1/4-28, 5/16-18, 5/16-24, 3/8-16, 3/8-24, 7/16-14, 7/16-20, 1/2-13, 1/2-20, 1/8-27 NPT pipe tap and die. Accessories: die stock, 2 tap wrenches, screw pitch gauge and screwdriver in molded plastic case.



MBS#	Description
CS40P	302 taps & CS30 dies

**CHAMPION CUTTING TOOL**  
**CS40MP Tap & Die Set**

Carbon taps and hex dies in metric sizes: 3x.5, 3x.6, 4x.7, 4x.75, 5x.8, 5x.9, 6x1.0, 7x1.0, 8x1.25, 9x1.0, 9x1.25, 10x1.25, 10x1.5, 11x1.5, 12x1.5, 12x1.75, 1/8-28BSP pipe tap, 1/8-28BSP pipe die. Accessories: die stocks, tap wrenches, metric screw pitch gauge and screwdriver.



MBS#	Description
CS40MP	302M taps & CS30M dies

*When only the best will do,  
 Call MBS Tool and Fastener*



DRILLCO CUTTING TOOLS

**Nitro Hand Taps**  
*High Speed M-7 Steel*

Hand Taps are the most popular style in general machine tapping operations and are appropriate for the vast majority of materials and conditions. They are for general use in production tapping or hand operations. Taper, Plug, and Bottoming styles provide great versatility in tough materials, blind and thru holes.



**MBS# Tap Sizes No. of Flutes Lgth of Thread O/A Lgth**

**TAPER STYLE**

MBS#	Tap Sizes	No. of Flutes	Lgth of Thread	O/A Lgth
20N000FT	0-80	2	5/16	1-5/8
20N001CT	1-64	2	3/8	1-11/16
20N001FT	1-72	2	3/8	1-11/16
20N002CT	2-56	3	7/16	1-3/4
20N002FT	2-64	3	7/16	1-3/4
20N003CT	3-48	3	1/2	1-13/16
20N003FT	3-56	3	1/2	1-13/16
20N004CT	4-40	3	9/16	1-7/8
20N004FT	4-48	3	9/16	1-7/8
20N004ST	4-36	3	9/16	1-7/8
20N005CT	5-40	3	5/8	1-15/16
20N005FT	5-44	3	5/8	1-15/16
20N006CT	6-32	3	11/16	2"
20N006FT	6-40	3	11/16	2"
20N008CT	8-32	4	3/4	2-1/8
20N008FT	8-36	4	3/4	2-1/8
20N010CT	10-24	4	7/8	2-3/8
20N010FT	10-32	4	7/8	2-3/8
20N012CT	12-24	4	15/16	2-3/8
20N012FT	12-28	4	15/16	2-3/8
20N116CT	1/4-20	4	1"	2-1/2
20N116FT	1/4-28	4	1"	2-1/2
20N120CT	5/16-18	4	1-1/8	2-23/32
20N120FT	5/16-24	4	1-1/8	2-23/32
20N124CT	3/8-16	4	1-1/4	2-15/16
20N124FT	3/8-24	4	1-1/4	2-15/16
20N128CT	7/16-14	4	1-7/16	3-5/32
20N128FT	7/16-20	4	1-1/16	3-5/32
20N132CT	1/2-13	4	1-21/32	3-3/8
20N132FT	1/2-20	4	1-21/32	3-3/8
20N136CT	9/16-12	4	1-21/32	3-19/32
20N136FT	9/16-18	4	1-21/32	3-19/32
20N140CT	5/8-11	4	1-13/16	3-13/16
20N140FT	5/8-18	4	1-13/16	3-13/16
20N144CT	11/16-11	4	1-13/16	4-1/32
20N144FT	11/16-16	4	1-13/16	4-1/32
20N148CT	3/4-10	4	2"	4-1/4
20N148FT	3/4-16	4	2"	4-1/4
20N156CT	7/8-9	4	2-7/32	4-11/16
20N156FT	7/8-14	4	2-7/32	4-11/16
20N164CT	1-8	4	2-1/2	5-1/8
20N164FT	1-12	4	2-1/2	5-1/8
20N164ST	1-14	4	2-1/2	5-1/8
20N208CT	1-1/8-7	4	2-9/16	5-7/16
20N208FT	1-1/8-12	4	2-9/16	5-7/16
20N216CT	1-1/4-7	4	2-9/16	5-3/4
20N216FT	1-1/4-12	6	2-9/16	5-3/4
20N224CT	1-3/8-6	4	3"	6-1/16
20N224FT	1-3/8-12	6	3"	6-1/16
20N232CT	1-1/2-6	4	3"	6-3/8
20N232FT	1-1/2-12	6	3"	6-3/8

**PLUG STYLE**

MBS#	Tap Sizes	No. of Flutes	Lgth of Thread	O/A Lgth
20N000FP	0-80	2	5/16	1-5/8
20N001CP	1-64	2	3/8	1-11/16
20N001FP	1-72	2	3/8	1-11/16
20N002CP	2-56	3	7/16	1-3/4
20N002FP	2-64	3	7/16	1-3/4
20N003CP	3-48	3	1/2	1-13/16
20N003FP	3-56	3	1/2	1-13/16
20N004CP	4-40	3	9/16	1-7/8
20N004FP	4-48	3	9/16	1-7/8
20N004SP	4-36	3	9/16	1-7/8
20N005CP	5-40	3	5/8	1-15/16
20N005FP	5-44	3	5/8	1-15/16
20N006CP	6-32	3	11/16	2"
20N006FP	6-40	3	11/16	2"
20N008CP	8-32	4	3/4	2-1/8
20N008FP	8-36	4	3/4	2-1/8
20N010CP	10-24	4	7/8	2-3/8
20N010FP	10-32	4	7/8	2-3/8
20N012CP	12-24	4	15/16	2-3/8
20N012FP	12-28	4	15/16	2-3/8
20N116CP	1/4-20	4	1"	2-1/2
20N116FP	1/4-28	4	1"	2-1/2
20N120CP	5/16-18	4	1-1/8	2-23/32
20N120FP	5/16-24	4	1-1/8	2-23/32
20N124CP	3/8-16	4	1-1/4	2-15/16
20N124FP	3/8-24	4	1-1/4	2-15/16
20N128CP	7/16-14	4	1-7/16	3-5/32
20N128FP	7/16-20	4	1-1/16	3-5/32
20N132CP	1/2-13	4	1-21/32	3-3/8
20N132FP	1/2-20	4	1-21/32	3-3/8
20N136CP	9/16-12	4	1-21/32	3-19/32
20N136FP	9/16-18	4	1-21/32	3-19/32
20N140CP	5/8-11	4	1-13/16	3-13/16
20N140FP	5/8-18	4	1-13/16	3-13/16
20N144CP	11/16-11	4	1-13/16	4-1/32
20N144FP	11/16-16	4	1-13/16	4-1/32
20N148CP	3/4-10	4	2"	4-1/4
20N148FP	3/4-16	4	2"	4-1/4
20N156CP	7/8-9	4	2-7/32	4-11/16
20N156FP	7/8-14	4	2-7/32	4-11/16
20N164CP	1-8	4	2-1/2	5-1/8
20N164FP	1-12	4	2-1/2	5-1/8
20N164SP	1-14	4	2-1/2	5-1/8
20N208CP	1-1/8-7	4	2-9/16	5-7/16
20N208FP	1-1/8-12	4	2-9/16	5-7/16
20N216CP	1-1/4-7	4	2-9/16	5-3/4
20N216FP	1-1/4-12	6	2-9/16	5-3/4
20N224CP	1-3/8-6	4	3"	6-1/16
20N224FP	1-3/8-12	6	3"	6-1/16
20N232CP	1-1/2-6	4	3"	6-3/8
20N232FP	1-1/2-12	6	3"	6-3/8

**BOTTOM STYLE**

20N000FB	0-80	2	5/16	1-5/8
20N001CB	1-64	2	3/8	1-11/16
20N001FB	1-72	2	3/8	1-11/16
20N002CB	2-56	3	7/16	1-3/4
20N002FB	2-64	3	7/16	1-3/4
20N003CB	3-48	3	1/2	1-13/16
20N003FB	3-56	3	1/2	1-13/16
20N004CB	4-40	3	9/16	1-7/8
20N004FB	4-48	3	9/16	1-7/8
20N004SB	4-36	3	9/16	1-7/8
20N005CB	5-40	3	5/8	1-15/16
20N005FB	5-44	3	5/8	1-15/16
20N006CB	6-32	3	11/16	2"



MBS#	Tap Sizes	No. of Flutes	Lgth of Thread	O/A Lgth
20N006FB	6-40	3	11/16	2"
20N008CB	8-32	4	3/4	2-1/8
20N008FB	8-36	4	3/4	2-1/8
20N010CB	10-24	4	7/8	2-3/8
20N010FB	10-32	4	7/8	2-3/8
20N012CB	12-24	4	15/16	2-3/8
20N012FB	12-28	4	15/16	2-3/8
20N116CB	1/4-20	4	1"	2-1/2
20N116FB	1/4-28	4	1"	2-1/2
20N120CB	5/16-18	4	1-1/8	2-23/32
20N120FB	5/16-24	4	1-1/8	2-23/32
20N124CB	3/8-16	4	1-1/4	2-15/16
20N124FB	3/8-24	4	1-1/4	2-15/16
20N128CB	7/16-14	4	1-7/16	3-5/32
20N128FB	7/16-20	4	1-1/16	3-5/32
20N132CB	1/2-13	4	1-21/32	3-3/8
20N132FB	1/2-20	4	1-21/32	3-3/8
20N136CB	9/16-12	4	1-21/32	3-19/32
20N136FB	9/16-18	4	1-21/32	3-19/32
20N140CB	5/8-11	4	1-13/16	3-13/16
20N140FB	5/8-18	4	1-13/16	3-13/16
20N144CB	11/16-11	4	1-13/16	4-1/32
20N144FB	11/16-16	4	1-13/16	4-1/32
20N148CB	3/4-10	4	2"	4-1/4
20N148FB	3/4-16	4	2"	4-1/4
20N156CB	7/8-9	4	2-7/32	4-11/16
20N156FB	7/8-14	4	2-7/32	4-11/16
20N164CB	1-8	4	2-1/2	5-1/8
20N164FB	1-12	4	2-1/2	5-1/8
20N164SB	1-14	4	2-1/2	5-1/8
20N208CB	1-1/8-7	4	2-9/16	5-7/16
20N208FB	1-1/8-12	4	2-9/16	5-7/16
20N216CB	1-1/4-7	4	2-9/16	5-3/4
20N216FB	1-1/4-12	6	2-9/16	5-3/4
20N224CB	1-3/8-6	4	3"	6-1/16
20N224FB	1-3/8-12	6	3"	6-1/16
20N232CB	1-1/2-6	4	3"	6-3/8
20N232FB	1-1/2-12	6	3"	6-3/8

**CHAMPION CUTTING TOOL**  
**"T" HANDLE TAP WRENCHES**

Note: When starting a tap by hand, care should be taken to assure that the tap and the drilled hole are correctly aligned or failure of the tap or crossed threads will result.



MBS#	Range
3002-1	1/16-1/4
3002-2	7/32-1/2
3002-3	1/16-1/4
3002-4	7/32-1/2
2002-1	0-1/4
2002-2	1/4-1/2

**DRILLCO CUTTING TOOLS**  
**T-Handle Tap Wrenches**



MBS#	Tap Cap.
2000TW1	#0 to 3/16"
2000TW2	#0 to 1/4"
2000TW3	#10 to 3/8"
2000TW4	#12 to 1/2"

**CHAMPION CUTTING TOOL**  
**Hexagon Die Sets**

MBS#	Description
330-10NC	10 Piece 1/4 - 1 NC
330-10NF	10 Piece 1/4 - 1 NF
330-20	20 Piece 1/4 - 1 NC/NF
330-20M	4-27mm 330M dies

**DRILLCO CUTTING TOOLS**  
**Hexagon Rethreading Dies**  
**Series 3350E**

Precision high carbon steel dies, not to be confused with standard Series 3300E Hexagon dies. Rethreading Dies are extra thick to permit user to rethread damaged or jammed threads and are not intended for producing new threads on unthreaded bar, bolts, or pipes. Dies are same size as standard hex nuts.



MBS#	Tap Size	Threads Per In.	Width A/F
335E116C	1/4"	20	19/32
335E116F	1/4"	28	19/32
335E120C	5/16"	18	11/16
335E120F	5/16"	24	11/16
335E124C3/8"	3/8"	16	25/32
335E124F	3/8"	24	25/32
335E128C	7/16"	14	7/8
335E128F	7/16"	20	7/8
335E132C	1/2"	13	1-1/16
335E132F	1/2"	20	1-1/16
335E136C	9/16"	12	1-1/16
335E136F	9/16"	18	1-1/16
335E140C	5/8"	11	1-1/4
335E140F	5/8"	18	1-1/4
335E144C	11/16"	11	1-7/16
335E144F	11/16"	16	1-7/16
335E148C	3/4"	10	1-7/16
335E148F	3/4"	16	1-7/16
335E156C	7/8"	9	1-5/8
335E156F	7/8"	14	1-5/8
335E164C	1"	8	1-13/16
335E164F	1"	12	1-13/16
335E164S	1"	14	1-13/16
335E208C	1-1/8"	7	2
335E208F	1-1/8"	12	2
335E216C	1-1/4"	7	2-3/16
335E216F	1-1/4"	12	2-3/16
335E224C	1-3/8"	6	2-3/8
335E224F	1-3/8"	12	2-3/8
335E232C	1-1/2"	6	2-9/16
335E232F	1-1/2"	12	2-9/16



**DRILLCO CUTTING TOOLS**  
**Hexagon Threading Dies**  
*Heavy Duty*

Used for making threads on unthreaded bar, bolts, pipe  
 Multi-edged, internally threaded cutting tools used for cutting external threads  
 Hexagon Dies are same size size as standard Hex Nuts



MBS#	Tap Sizes	Threads Per In.	Width A/F
<b>Series 3300E</b>			
33E132C	1/2	13	1-1/16
33E132F	1/2	20	1-1/16
33E136C	9/16	12	1-1/16
33E136F	9/16	18	1-1/16
33E140C	5/8	11	1-1/4
33E140F	5/8	18	1-1/4
33E148C	3/4	10	1-7/16
33E148F	3/4	16	1-7/16
33E156C	7/8	9	1-5/8
33E156F	7/8	14	1-5/8
33E164C	1"	8	1-13/16
33E164F	1"	12	1-13/16
33E164S	1"	14	1-13/16

**CHAMPION CUTTING TOOL**  
**SpeedThreader Sets**



MBS#	Description
ST-SET-NC5	1/4, 5/16, 3/8, 7/16, & 1/2 Coarse (NC)
ST-SET-NF5	1/4, 5/16, 3/8, 7/16 & 1/2 Fine (NF)
ST-SET-MS5	6-32, 8-32, 10-24, 10-32, 12-24
ST-SET-MET7	M3x.5, 4x.7, 5x.8, 6x1, 8x1.25, 10x1.5, 12x1.75 & Fluid

**DRILLCO CUTTING TOOLS**  
**Multi Step Drills**

Step drill bits allow you to quickly and easily drill a variety of round holes in steel, brass, copper, aluminum, wood, Plexiglas and plastic  
 Balanced double flute design provides two cutting edges for easier, faster cutting in soft or hard materials  
 Self starting multi-hole bit



MBS#	Tool No.	Size	Shank Size
<b>SERIES 8900</b>			
890A001	1	1/8 - 1/2	1/4
890A002	2	3/16 - 1/2	1/4
890A003	3	1/4 - 3/4	3/8
890A004	4	3/16 - 7/8	3/8
890A005	5	1/4 - 1-3/8	1/2

**CHAMPION CUTTING TOOL**  
**ST SPEED THREADERS**

- Single piece high speed die, permanently integrated into the easy-grip die handle. Self centering guide
- Application: All standard die applications; cutting new or repairing worn or damaged threads.



MBS#	Size
ST-6-32	6-32
ST-8-32	8-32
ST-10-24	10-24
ST-10-32	10-32
ST-12-24	12-24
ST-1/4-20	1/4-20
ST-1/4-28	1/4-28
ST-5/16-18	5/16-18
ST-5/16-24	5/16-24
ST-3/8-16	3/8-16
ST-3/8-24	3/8-24
ST-7/16-14	7/16-14
ST-7/16-20	7/16-20
ST-1/2-13	1/2-13
ST-1/2-20	1/2-20
ST-1/8-27	1/8-27 NPT
ST-3x.5	3x.5
ST-4x.7	4x.7
ST-5x.8	5x.8
ST-6x1	6x1
ST-8x1.25	8x1.25
ST-10x1.5	10x1.5
ST-12x1.75	12x1.75

**LENOX**  
**Step Drill Bits**  
*Vari-Bit*

DRILLS FAST, CLEAN, ROUND HOLES  
 ACCURATE, BURR-FREE HOLES  
 Patented two flute design cuts fast, clean, round holes  
 STARTS ON CONTACT Split point design for faster penetration and less walking  
 LONG TOOL LIFE Steam oxide coating adds durability  
 Enhanced flute design removes chips rapidly  
 Use of PROTOOL LUBE® recommended to extend tool life



MBS#	Hole Size (in)	Shank Size (in)
30881-VB1	1/8, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 13/32, 7/16, 15/32, 1/2	1/4
30882-VB2	1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1	3/8
30883-VB3	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	3/8
30884-VB4	3/16, 1/4, 5/16, 3/8, 7/16, 1/2	1/4
30886-VB6	3/8, 1/2	1/4
30887-VB7	7/8 (for 1/2 conduit)	3/8
30908-VB8	3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8	3/8
30909-VB9	7/8, 1-1/8, 1-7/32	3/8
30888-VB11	7/8, 1-1/8 (for 1/2 and 3/4 conduit)	3/8
30912-VB12	7/8, 1-1/8, 1-7/32, 1-1/4, 1-3/8	3/8
30925-VBX8	8" (203mm) Extension. Fits 3/8 (9.5mm) shank & larger. 1 per pack.	3/8

**CHAMPION CUTTING TOOL**  
**msd multi step drills**

- Graduated step design creates clean, accurate, bur free holes of multiple diameters in all sheet metals up to 1/8" thick. Self starting tip eliminates the need for pilot hole drilling, while the balanced double flute design provides less chattering.
- Application: Junction boxes, switch boxes, metal studs, electrical appliances, lighting fixtures, PVC, plexiglass and auto body repair.



MBS#	No. of Steps	Size Range
MSD-1/2 x 1/8	13	1/8-1/2 x 32nds
MSD-1/2 x 3/16	6	3/16-1/2 x 16ths
MSD-7/8 x 1/4	9	single hole - 7/8
MSD-3/4 x 1/4	9	1/4-3/4 x 16ths
MSD-7/8 x 3/16	12	3/16-7/8 x 16ths
MSD-1-1/8 x 7/16	12	7/16-1-1/8 x 16ths
MSD-3/8	1	single hole - 3/8
MSD-1/2	1	single hole - 1/2
MSD-1 x 9/16	9	9/16-1 x 16ths
MSD-1-3/8 x 3/4	10	3/4-1-3/8 x 16ths
MSD-1-1/8 x 1/4	1	single hole - 1-1/8
MSD-1-1/2 x 1/4	11	1/4-1-1/2 x 8ths

**IRWIN**  
**Step Drills**

**High Speed Steel Fractional Self-Starting**

- Single-flute cutting edge for greater control through steps
- 3 flatted shank prevents slipping in drill chuck
- Also available with titanium nitride coating for longer life
- New SpeedPoint tip penetrates faster than previous Unibits and prevents walking
- Ideal for drilling holes into thin materials such as stainless steel, copper, brass, aluminum, plastic and laminates



MBS#	Description	# Of Hole Sizes	Shank Size
10231	#1 1/8" - 1/2" (1/32" steps)	13	1/4"
10232	#2 3/16" - 1/2" (1/16 steps)	6	1/4"
10233	#3 1/4" - 3/4" (1/16" steps)	9	3/8"
10234	#4 3/16" - 7/8" (1/16" steps)	12	3/8"
10235	#5 1/4" - 1-3/8" (1/8" steps)	10	1/2"
10239	#9 7/8" and 1-1/8" (1/2" and 3/4" Knock-Out)	2	1/2"
10310	#10 1/2" (single hole)	1	1/4"
10311	#11 7/8" (single hole)	1	3/8"
10312	#12 3/8" (single hole)	1	1/4"
10313	#13 1-1/8" (single hole)	1	1/2"
10314	#14 1-7/32" (single hole)	1	1/2"
10220	#20 9/16" - 1" (hole enlarging)	8	1/2"
10221	#21 13/16" - 1-3/8" (hole enlarging)	10	1/2"

**IRWIN**  
**Step Drills**

**Titanium Fractional Self-Starting**

- Ideal for drilling holes into thin materials such as stainless steel, copper, brass, aluminum, plastic and laminates
- Single-flute cutting edge for greater control through steps
- 3 flatted shank prevents slipping in drill chuck
- New SpeedPoint tip penetrates faster than previous Unibits and prevents walking



MBS#	Description	# Of Hole Sizes	Shank Size
15101	#1T 1/8" - 1/2" (1/32" steps)	13	1/4"
15102	#2T 3/16" - 1/2" (1/16" steps)	6	1/4"
15103	#3T 1/4" - 3/4" (1/16" steps)	9	3/8"
15104	#4T 3/16" - 7/8" (1/16" steps)	12	3/8"
15313	#13T 1-1/8" (single hole)	10	1/2"
15221	#21T 13/16" - 1-3/8" (hole enlarging)	1	1/2"

**CHAMPION CUTTING TOOL**  
**MSD-hex Shank multi step drills**

- Graduated step design creates clean, accurate, bur free holes of multiple diameters in all sheet metals up to 1/8" thick. Self starting tip eliminates the need for pilot hole drilling. Hex shank for quick fit use in portable power tools.
- Application: Junction boxes, switch boxes, metal studs, electrical appliances, lighting fixtures, PVC, plexiglass and auto body repair.



MBS#	Size Range
MSD-HEX-1	1/8-1/2 (13 Step)
MSD-HEX-3	1/4-3/4 (9 Step)
MSD-HEX-4	3/16-7/8 (12 Step)
MSD-HEX-13	1/4x1-1/8 (13 Step)

**LENOX**  
**Self-Feed Bits**  
**Leader**

DESIGNED FOR CONTINUOUS SELF-FEEDING FAST CUTTING  
 Precision ground teeth and outside diameter threads maximize tool performance  
**INCREASED CAPABILITIES**  
 Extra long to cut through 4x4 with no extension required  
**RESHARPENABLE**  
 Easily resharpened with LENOX® Slim Taper File (32510-STF)



MBS#	Dia. (in)
33100-LL100	1
33112-LL112	1-1/8
33125-LL125	1-1/4
33137-LL137	1-3/8
33150-LL150	1-1/2
33175-LL175	1-3/4
33200-LL200	2
33212-LL212	2-1/8
33225-LL225	2-1/4
33256-LL256	2-9/16
33300-LL300	3
33362-LL362	3-5/8
33462-LL462	4-5/8

**MBS. Your one-stop for all your tool and fastener needs!**



**LENOX  
 Ship Auger Bits**

SHARP AND DURABLE FOR LONG TOOL LIFE  
 ADDED DURABILITY 62 degree cutting angle reinforces cutting edge for greater durability in nail encounters  
 LONGER LIFE Hardened screw tip increases wear resistance for extended life  
 STRONG FORGED DESIGN Manufactured using a forging process which will withstand more torque than competitive milled augers  
 EASY TO BACK OUT Oversized cutting head allows easy removal from workpiece



**DEWALT  
 Heavy Duty Spade Bits**

- Max Life corner for longer life in nails
- Extreme Speed Channel for fast chip removal
- Heavy Duty Shank for superior durability
- 1/4" ball groove shank for quick change applications



**MBS#      Hole Dia. (in.)    O/A Lgth (in)    Twist Lgth (in)**

**7-1/2" SHIP AUGER BITS**

31030-07A-1016	5/8	7-1/2	5-5/16
31031-07A-1116	11/16	7-1/2	5-5/16
31032-07A-1216	3/4	7-1/2	5-5/16
31033-07A-1316	13/16	7-1/2	5-5/16
31034-07A-1416	7/8	7-1/2	5-5/16
31035-07A-1516	15/16	7-1/2	5-5/16
31036-07A-1616	1	7-1/2	5-5/16
31037-07A-1716	1-1/16	7-1/2	5-5/16
31038-07A-1816	1-1/8	7-1/2	5-5/16
31040-07A-2016	1-1/4	7-1/2	5-5/16
31042-07A-2216	1-3/8	7-1/2	5-5/16
31044-07A-2416	1-1/2	7-1/2	5-5/16

**18" SHIP AUGER BITS**

31006-008-0616*	3/8	18	15
31007-008-0716*	7/16	18	15
31008-008-0816	1/2	18	15
31009-008-0916	9/16	18	15
31010-008-1016	5/8	18	15
31011-008-1116	11/16	18	15
31012-008-1216	3/4	18	15
31013-008-1316	13/16	18	15
31014-008-1416	7/8	18	15
31015-008-1516	15/16	18	15
31016-008-1616	1	18	15
31017-008-1716	1-1/16	18	15
31018-008-1816	1-1/8	18	15
31020-008-2016	1-1/4	18	15
31022-008-2216	1-3/8	18	15
31024-008-2416	1-1/2	18	15

**MBS#    Desc. (in.)**

DW1570	1/4"x6"
DW1571	5/16"x6"
DW1572	3/8"x6"
DW1573	7/16"x6"
DW1574	1/2"x6"
DW1575	9/16"x6"
DW1576	5/8"x6"
DW1577	11/16"x6"
DW1578	3/4"x6"
DW1579	13/16"x6"
DW1580	7/8"x6"
DW1581	15/16"x6"
DW1582	1"x6"
DW1583	1-1/8"x6"
DW1584	1-1/4"x6"
DW1585	1-3/8"x6"
DW1586	1-1/2"x6"
DW1590	3/8"x16"
DW1591	1/2"x16"
DW1592	5/8"x16"
DW1593	3/4"x16"
DW1594	7/8"x16"
DW1595	1"x16"
DW1587	6-pc set
DW1588	6" extension
DW1589	12" extension

*We have what you need at a price that can't be beat.*



DIAMOND PRODUCTS  
**Wet Diamond Core Bits**  
*Premium Black*

Our Premium Black bit is the industry standard. Its very high diamond concentration gives maximum footage and drilling speed. Designed for all types of wet drilling. Good in moderate to high steel applications. Choose Premium Black for your lowest total drilling cost.

**MBS#      Size (in.)**  
**General Purpose-Fast Cutting**

POL-05826	1/2"
POL-05917	5/8"
POL-05962	3/4"
POL-06004	7/8"
POL-05293	1"
POL-05338	1-1/8"
POL-05381	1-1/4"
POL-05404	1-3/8"
POL-05441	1-1/2"
POL-05472	1-5/8"
POL-05483	1-3/4"
POL-05509	1-7/8"
POL-05529	2"
POL-05571	2-1/4"
POL-05607	2-1/2"
POL-05629	2-3/4"
POL-05661	3"
POL-05688	3-1/4"
POL-05709	3-1/2"
POL-05761	4"
POL-05791	4-1/4"
POL-05805	4-1/2"
POL-05843	5"
POL-05867	5-1/2"
POL-05892	6"
POL-05921	6-1/4"
POL-05927	6-1/2"
POL-05945	7"
POL-05984	8"
POL-06013	9"
POL-05306	10"
POL-05361	12"
POL-05417	14"
POL-05462	16"
POL-05498	18"
POL-05536	20"
POL-05584	24"

**Hard Aggregate**

P33F-05820	1/2"
P33F-05912	5/8"
P33F-05957	3/4"
P33F-05998	7/8"
P33F-05286	1"
P33F-23309	1-1/8"
P33F-05373	1-1/4"
P33F-05399	1-3/8"
P33F-05427	1-1/2"
P33F-18689	1-5/8"
P33F-05476	1-3/4"
P33F-28580	1-7/8"
P33F-05516	2"
P33F-05565	2-1/4"
P33F-05596	2-1/2"



MBS#	Size (in.)
P33F-28581	2-3/4"
P33F-05643	3"
P33F-26748	3-1/4"
P33F-22306	3-1/2"
P33F-05742	4"
P33F-05782	4-1/4"
P33F-28582	4-1/2"
P33F-05831	5"
P33F-27102	5-1/2"
P33F-20265	6"
P33F-05919	6-1/4"
P33F-28583	6-1/2"
P33F-26932	7"
P33F-05969	8"
P33F-28584	9"
P33F-27971	10"
P33F-05351	12"
P33F-05412	14"
P33F-26250	16"
P33F-26254	18"
P33F-26258	20"
P33F-26262	24"

**Asphalt Or Block-Long Life**

P64L-28585	1/2"
P64L-28586	5/8"
P64L-28587	3/4"
P64L-25115	7/8"
P64L-19871	1"
P64L-28588	1-1/8"
P64L-22003	1-1/4"
P64L-28589	1-3/8"
P64L-05438	1-1/2"
P64L-28954	1-5/8"
P64L-28595	1-3/4"
P64L-28596	1-7/8"
P64L-05525	2"
P64L-23771	2-1/4"
P64L-28597	2-1/2"
P64L-28598	2-3/4"
P64L-21246	3"
P64L-05686	3-1/4"
P64L-28599	3-1/2"
P64L-05753	4"
P64L-05786	4-1/4"
P64L-23173	4-1/2"
P64L-24580	5"
P64L-28600	5-1/2"
P64L-05886	6"
P64L-28601	6-1/4"
P64L-28602	6-1/2"
P64L-28603	7"
P64L-05980	8"
P64L-28604	9"
P64L-28605	10"
P64L-05359	12"
P64L-28606	14"
P64L-28607	16"
P64L-05496	18"
P64L-28608	20"
P64L-05583	24"



**DIAMOND PRODUCTS**  
**Wet Diamond Core Bits**  
*Heavy Duty Orange*

The Heavy Duty Orange is our most popular bit. It has a high diamond concentration for excellent footage and drilling speed. Designed for all types of wet drilling in applications with light to moderate steel. Go with Heavy Duty Orange for the best general purpose bit on the market.



**MBS#      Size (in.)**  
**General Purpose-Fast Cutting**

HOL-04812	1"
HOL-04837	1-1/8"
HOL-15509	1-1/4"
HOL-04874	1-3/8"
HOL-15525	1-1/2"
HOL-04907	1-5/8"
HOL-04910	1-3/4"
HOL-04920	1-7/8"
HOL-15479	2"
HOL-04959	2-1/4"
HOL-00004	2-1/2"
HOL-04992	2-3/4"
HOL-00005	3"
HOL-05032	3-1/4"
HOL-00006	3-1/2"
HOL-00007	4"
HOL-05079	4-1/4"
HOL-00008	4-1/2"
HOL-00009	5"
HOL-05117	5-1/2"
HOL-00010	6"
HOL-05144	6-1/4"
HOL-05151	6-1/2"
HOL-05163	7"
HOL-05183	8"
HOL-05199	9"
HOL-04822	10"
HOL-04853	12"
HOL-04882	14"
HOL-04903	16"
HOL-04918	18"
HOL-04947	20"
HOL-04968	24"

**Hard Aggregate**

H33F-21156	1"
H33F-04835	1-1/8"
H33F-04859	1-1/4"
H33F-19356	1-3/8"
H33F-04886	1-1/2"
H33F-19933	1-5/8"
H33F-21343	1-3/4"
H33F-19934	1-7/8"
H33F-04926	2"
H33F-04955	2-1/4"
H33F-04972	2-1/2"
H33F-04991	2-3/4"
H33F-04999	3"
H33F-28616	3-1/4"
H33F-22376	3-1/2"
H33F-05052	4"
H33F-05075	4-1/4"
H33F-05083	4-1/2"

MBS#	Size (in.)
H33F-05101	5"
H33F-27758	5-1/2"
H33F-05123	6"
H33F-20285	6-1/4"
H33F-05148	6-1/2"
H33F-19092	7"
H33F-05176	8"
H33F-05196	9"
H33F-04815	10"
H33F-04841	12"
H33F-04877	14"
H33F-18777	16"
H33F-04914	18"
H33F-28617	20"
H33F-28618	24"

**Asphalt Or Block-Long Life**

H64L-04810	1"
H64L-27000	1-1/8"
H64L-25596	1-1/4"
H64L-25597	1-3/8"
H64L-28619	1-1/2"
H64L-28620	1-5/8"
H64L-28621	1-3/4"
H64L-28622	1-7/8"
H64L-04934	2"
H64L-04957	2-1/4"
H64L-04976	2-1/2"
H64L-28623	2-3/4"
H64L-05013	3"
H64L-28624	3-1/4"
H64L-28625	3-1/2"
H64L-05060	4"
H64L-05077	4-1/4"
H64L-05086	4-1/2"
H64L-05107	5"
H64L-28626	5-1/2"
H64L-05131	6"
H64L-05143	6-1/4"
H64L-05150	6-1/2"
H64L-24977	7"
H64L-05180	8"
H64L-28627	9"
H64L-04820	10"
H64L-04848	12"
H64L-24889	14"
H64L-25130	16"
H64L-28628	18"
H64L-28636	20"
H64L-04966	24"

**When only the best will do,  
 Call MBS Tool and Fastener**



**CHAMPION CUTTING TOOL**  
**CM79 Rotary Rebar Cutters**

- Easy drilling through embedded rebar and surrounding concrete. Use in any 3/4" capacity or larger drill motor with a three jaw chuck and no load speed of 440 rpm.
- Application: Drill first with a hammer drill bit (1) until reaching rebar. Replace bit with CM79 then penetrate rebar (2). After completion of rebar drilling, complete drilling with hammer bit (3).

MBS#	Shank Dia.	Overall Length
CM79-1/2	1/2	12
CM79-5/8	1/2	12
CM79-3/4	1/2	12
CM79-7/8	1/2	12
CM79-1	1/2	12
CM79-1-1/8	1/2	12
CM79-1-1/4	1/2	12
CM79-1-3/8	1/2	12
CM79-1-1/2	1/2	12
CM79-1-3/4	1/2	12
CM79-2	1/2	12
CM79-2-1/2	1/2	12
CM79-3	1/2	12

**CHAMPION CUTTING TOOL**  
**Carbide Tipped Annular Cutters**

- Maximize cutting performance of any portable magnetic drill press. Their superior "Triple Edge" cutting action outperforms ordinary high speed steel annular cutters and twist drills 6:1 Application: Cut holes in cast iron, steel and ultra hard or exotic alloys with the added ability to produce overlapping and interrupted holes easily



CT150--1 3/8" Depth of Cut  
 CT200--2" Depth of Cut  
 CT300--3" Depth of Cut  
 CT400--4" Depth of Cut

MBS#
CT-9/16
CT-5/8
CT-11/16
CT-3/4
CT-13/16
CT-7/8
CT-15/16
CT-1
CT-1-1/16
CT-1-1/8
CT-1-3/16
CT-1-1/4
CT-1-5/16
CT-1-3/8
CT-1-7/16
CT-1/2
CT-9/16
CT-1-5/8
CT-1-11/16
CT-1-3/4
CT-1-13/16
CT-1-7/8
CT-1-15/16
CT-2

**CHAMPION CUTTING TOOL**  
**CT7 Hole Cutter Set**



MBS#	Description
CT7-SET-1	5/8, 3/4, 7/8, and 1 in metal case
CT7-SET-2	11/16, 13/16, 15/16, and 1-1/16 in metal case
CT7-SET-3	7/8, 1-1/8, 1-3/8, 1-3/4 and 2 in metal case
CT7-SET-4	5 Piece General Maintenance Set: 5/8, 3/4, 7/8, 1 and 1-1/8 in plastic case
CT7-SET-5	5 Piece Bolt Clearance Set: 9/16, 11/16, 13/16, 15/16, and 1-1/16 in plastic case
CT7-SET-6	5 Piece Electrical Conduit Set: 7/8, 1-1/8, 1-3/8, 1-3/4 and 2 in plastic case

**CHAMPION CUTTING TOOL**  
**CT7 Hole Cutter Set**

MBS#	Description
CT5P-ELECTRICAL-1	10 Piece Master Electrical Set: 7/8, 1-1/8, 1-3/8, 1-3/4, 2, 2-1/2, 3, 3-5/8, 4-1/8 and 4-1/2 in plastic case

**CHAMPION CUTTING TOOL**  
**CT7 Hole Cutter Set**

MBS#	Description
CT7P-ELECTRICAL-1	12 Piece Master Electrical Set: 5/8, 3/4, 7/8, 1, 1-1/8, 1-1/4, 1-3/8, 1-1/2, 1-3/4, 2, 2-1/2 and 3 in plastic case

**CHAMPION CUTTING TOOL**  
**CT5 Hole Cutter Set**



MBS#	Description
CT5-SET-1	7/8, 1-1/8, 1-3/8, 1-3/4 and 2 in metal case
CT5P-SET-1	5 Piece Electrical Conduit Set: 7/8, 1-1/8, 1-3/8, 1-3/4 and 2 in plastic case
CT5P-CONDUIT-1	7 Piece Electrical Conduit Set: 7/8, 1-1/8, 1-7/32, 1-3/8, 1-3/4, 2, 2-1/2 in plastic case

*Call us for all your cutting tool needs.*



DRILLCO CUTTING TOOLS

**Annular Cutters**

**Magnetic Drill Press Bits**

- Use on a Magnetic Drill Press
- Save Time & Money
- Drill Accurate Holes
- Made in England - Sheffield Steel
- Also available in 3" & 4" Depth



MBS#	Size	Depth of Cut
<b>9100SE</b>		
91SE128	7/16	1"
91SE132	1/2	1"
91SE136	9/16	1"
91SE140	5/8	1"
91SE144	11/16	1"
91SE148	3/4	1"
91SE152	13/16	1"
91SE156	7/8	1"
91SE160	15/16	1"
91SE164	1"	1"
91SE204	1-1/16	1"
91SE208	1-1/8	1"
91SE212	1-3/16	1"
91SE216	1-1/4	1"
91SE220	1-5/16	1"
91SE224	1-3/8	1"
91SE228	1-7/16	1"
91SE232	1-1/2	1"
91SE236	1-9/16	1"
91SE240	1-5/8	1"
91SE244	1-11/16	1"
91SE248	1-3/4	1"
91SE252	1-13/16	1"
91SE256	1-7/8	1"
91SE260	1-15/16	1"
91SE264	2"	1"
91SE304	2-1/16	1"
91SE308	2-1/8	1"
91SE312	2-3/16	1"
91SE316	2-1/4	1"
91SE320	2-5/16	1"
91SE324	2-3/8	1"
91SE328	2-7/16	1"
91SE332	2-1/2	1"
91SE336	2-9/16	1"
91SE340	2-5/8	1"
91SE344	2-11/16	1"
91SE348	2-3/4	1"
91SE352	2-13/16	1"
91SE356	2-7/8	1"
91SE360	2-15/16	1"
91SE364	3"	1"
91SE404	3-1/16	1"
91SE408	3-1/8	1"
91SE412	3-3/16	1"
91SE416	3-1/4	1"
91SE420	3-5/16	1"
91SE424	3-3/8	1"
91SE428	3-7/16	1"
91SE432	3-1/2	1"
91SE436	3-9/16	1"
91SE440	3-5/8	1"
91SE444	3-11/16	1"
91SE448	3-3/4	1"
91SE452	3-13/16	1"

MBS#	Size	Depth of Cut
91SE456	3-7/8	1"
91SE460	3-15/16	1"
91SE464	4"	1"
<b>9200SE</b>		
92SE128	7/16	2"
92SE132	1/2	2"
92SE136	9/16	2"
92SE140	5/8	2"
92SE144	11/16	2"
92SE148	3/4	2"
92SE152	13/16	2"
92SE156	7/8	2"
92SE160	15/16	2"
92SE164	1"	2"
92SE204	1-1/16	2"
92SE208	1-1/8	2"
92SE212	1-3/16	2"
92SE216	1-1/4	2"
92SE220	1-5/16	2"
92SE224	1-3/8	2"
92SE228	1-7/16	2"
92SE232	1-1/2	2"
92SE236	1-9/16	2"
92SE240	1-5/8	2"
92SE244	1-11/16	2"
92SE248	1-3/4	2"
92SE252	1-13/16	2"
92SE256	1-7/8	2"
92SE260	1-15/16	2"
92SE264	2"	2"
92SE304	2-1/16	2"
92SE308	2-1/8	2"
92SE312	2-3/16	2"
92SE316	2-1/4	2"
92SE320	2-5/16	2"
92SE324	2-3/8	2"
92SE328	2-7/16	2"
92SE332	2-1/2	2"
92SE336	2-9/16	2"
92SE340	2-5/8	2"
92SE344	2-11/16	2"
92SE348	2-3/4	2"
92SE352	2-13/16	2"
92SE356	2-7/8	2"
92SE360	2-15/16	2"
92SE364	3"	2"
92SE404	3-1/16	2"
92SE408	3-1/8	2"
92SE412	3-3/16	2"
92SE416	3-1/4	2"
92SE420	3-5/16	2"
92SE424	3-3/8	2"
92SE428	3-7/16	2"
92SE432	3-1/2	2"
92SE436	3-9/16	2"
92SE440	3-5/8	2"
92SE444	3-11/16	2"
92SE448	3-3/4	2"
92SE452	3-13/16	2"
92SE456	3-7/8	2"
92SE460	3-15/16	2"
92SE464	4"	2"



**CHAMPION CUTTING TOOL**  
**Hole Cutters**  
**CT7 Plumbers Set**



**MBS# Description**

CT7-PLUMBER-1	6 Piece Plumber Set: 3/4, 7/8, 1-1/8, 1-1/2, 1-3/4, 2-1/4 in plastic case
CT7-PLUMBER-2	12 Piece Plumber Set: 3/4, 7/8, 1-1/8, 1-1/2, 1-3/4, 2-1/4, 2-9/16, 3, 3-1/2, 4, 4-1/4, 4-1/2 in plastic case

**LENOX**  
**Bi-Metal Hole Saw Kits**



**MBS# Description**

30804-200G	26 PIECE KIT -2000G BIG DADDY 3/4", 7/8", 1", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/8", 2-1/4, 2-1/2", 2-11/16", 3", 3-1/4", 3-3/8", 3-5/8", 3-3/4", 4", 4-1/8", 4-1/2", 4-3/4". Arbors: 1L, 2L, 5L. Two 4321 and one 56PD pilot drills.
30808-600P	10 PIECE KIT -600P 3/4", 7/8", 1-1/8", 1-1/2", 1-3/4", 2", 2-1/4". Arbors: 2L, 5L. One 4321 pilot drill. One arbor adaptor.
30801-1200P	17 PIECE KIT -1200P 3/4, 7/8", 1-1/8", 1-1/2", 1-3/4", 2-1/4", 2-9/16", 3", 3-1/2", 4", 4-1/4", 4-1/2". Arbors: 2L, 5L. Two 4321 and one 56PD pilot drills.
30800-600L	10 PIECE KIT -600L 7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2". Arbors: 2L, 5L. One 4321 pilot drill. One arbor adaptor.
30802-1200L	17 PIECE KIT -1200L 3/4", 7/8", 1-1/8", 1-3/8", 1-3/4", 2", 2-1/2", 2-11/16", 3", 3-5/8", 4-1/8", 4-3/4". Arbors: 2L, 5L. Two 4321 and one 56PD pilot drills.

**M K MORSE**  
**Bi-Metal Hole Saws**  
**Professional**  
**Master Cobalt®**



This premium line of professional quality hole saws features an M3 high-speed steel cutting edge, electron beam welded to a tough steel backer. Caps stand up to abuse and punishment, yet are lighter and easier to use than those of competitors. Positive rake tooth design provides better chip clearance as teeth cut into wood, plastic or any machinable metal. The 1 1/2" cutting depth cuts easily through 2x4's. A separate arbor is required. Backer, cutting edge and cap work together to provide faster, longer-lasting cutting action. Bi-metal design bonds M3 cutting edge to fatigue resistant backer. Positive rake teeth clear chips better for longer life and easier cutting. Teeth stay sharper and make smoother cuts. Packaging: 1 per box

MBS#	Dia. (in)	Dia. (mm)	Pipe Tap Size (in.)	Pipe Ent. Size (in.)
AV09	9/16	14		
AV10	5/8	16		
AV11	11/16	17		
AV12	3/4	19	1/2	3/8
AV13	13/16	21		
AV14	7/8	22	3/4	1/2
AV15	15/16	24		
AV16	1	25		
AV17	1 1/16	27		
AV18	1 1/8	29	1	3/4
AV19	1 3/16	30		
AV20	1 1/4	32		
AV21	1 5/16	33		
AV22	1 3/8	35		1
AV23	1 7/16	37		
AV24	1 1/2	38	1 1/4	
AV26	1 5/8	41		
AV28	1 3/4	44	1 1/2	1 1/4
AV30	1 7/8	48		
AV32	2	51		1 1/2
AV33	2 1/16	52		
AV34	2 1/8	54		
AV36	2 1/4	57	2	
AV38	2 3/8	60		
AV40	2 1/2	64		2
AV41	2 9/16	65		
AV42	2 5/8	67	2 1/2	
AV44	2 3/4	70		
AV46	2 7/8	73		
AV48	3	76		2 1/2
AV50	3 1/8	79		
AV52	3 1/4	83	3	
AV54	3 3/8	86		
AV56	3 1/2	89		
AV58	3 5/8	92		3
AV60	3 3/4	95	3 1/2	
AV64	4	102		
AV66	4 1/8	105		3 1/2
AV68	4 1/4	108	4	
AV72	4 1/2	114	4 1/2	4
AV76	4 3/4	121		
AV80	5	127		
AV88	5 1/2	140		
AV96	6	152		

*If you don't see it we can get it for you.*



**LENOX  
 Bi-Metal Hole Saws**

LONG LASTING, FAST CUTTING AND VERSATILE  
 DURABLE TUFF TOOTH™ design is reinforced to cut stronger and last longer  
 LONG LASTING Patented VARI-TOOTH® design resists tooth strippage  
 STAYS SHARP High speed steel teeth resist breaking and offer extended life  
 WITHSTANDS HIGH TORQUE Thick backing plate with holes for drive pins resists damage due to high torque



MBS#	Dia. (in.)
30009-9L	9/16
30010-10L	5/8
30011-11L	11/16
30012-12L	3/4
30098-20MMHS	25/32
30013-13L	13/16
30014-14L	7/8
30015-15L	15/16
30016-16L	1
30017-17	1-1/16
30018-18	1-1/8
30019-19	1-3/16
30020-20L	1-1/4
30021-21L	1-5/16
30022-22L	1-3/8
30023-23L	1-7/16
30024-24L	1-1/2
30025-25L	1-9/16
30026-26L	1-5/8
30027-27L	1-11/16
30028-28L	1-3/4
30029-29L	1-13/16
30030-30L	1-7/8
30032-32L	2
30033-33L	2-1/16
30034-34L	2-1/8
30036-36L	2-1/4
30037-37L	2-5/16
30038-38L	2-3/8
30040-40L	2-1/2
30041-41L	2-9/16
30042-42L	2-5/8
30043-43L	2-11/16
30044-44L	2-3/4
30046-46L	2-7/8
30048-48L	3
30050-50L	3-1/8
30052-52L	3-1/4
30054-54L	3-3/8
30056-56L	3-1/2
30058-58L	3-5/8
30060-60L	3-3/4
30062-62L	3-7/8
30064-64L	4
30066-66L	4-1/8
30068-68L	4-1/4
30070-70L	4-3/8
30072-72L	4-1/2
30074-74L	4-5/8
30076-76L	4-3/4
30080-80L	5
30088-88L	5-1/2
30096-96L	6

**LENOX  
 Carbide Hole Cutters**

DESIGNED SPECIFICALLY FOR SHEET METAL HOLE CUTTING  
 ACCURATE, BURR-FREE HOLES  
 Precision ground carbide teeth for fast cutting of clean, round holes  
 WILL NOT DAMAGE WORK  
 Over-drill stopper prevents the tool from penetrating beyond the hole  
 STARTS ON CONTACT  
 Split point pilot bit for faster penetration and less walking



MBS#	Dia. (in)	Arbor	Description
20092-12CHC	3/4	5L	
20093-14CHC	7/8	5L	
20094-16CHC	1	5L	
20096-18CHC	1-1/8	5L	
20097-19.5CHC	1-7/32	5L	
20098-20CHC	1-1/4	3L	
20100-22CHC	1-3/8	3L	
20102-24CHC	1-1/2	3L	
20103-28CHC	1-3/4	3L	
20104-32CHC	2	3L	
20105-34CHC	2-1/8	3L	
20108-40CHC	2-1/2	3L	
20109-42CHC	2-5/8	3L	
20113-44CHC	2-3/4	3L	
20114-48CHC	3	3L	
<b>Accessories</b>			
30879			35PD, 1/4" split point stubby pilot bit
30880			3CHC-AS, Plug ejection springs
30003			3L, 1/2" arbor for 20CHC-48CHC. Solid hex shank
30005			5L, 3/8" arbor for 11CHC-19.5CHC. Solid hex shank

**CHAMPION CUTTING TOOL  
 CT3 carbide tipped hole cutters**

- Three carbide tips, pilot drill and ejector spring. Features a 1/4" hex shank.
- Application: Sheet metal up to 1/8" thick. Electrical, HVAC, and sheet metal trades.



ELEC-KIT: Includes 1 each/ MSD-HEX-13, CT3-7/8, CT3-1-1/8, CT3-1-3/8 and QCD.

MBS#	Description
CT3-5/8	
CT3-11/16	
CT3-3/4	
CT3-13/16	
CT3-7/8	
CT3-15/16	
CT3-1	
CT3-1-1/16	
CT3-1-1/8	
CT3-1-3/16	
CT3-1-1/4	
CT3-1-5/16	
CT3-1-3/8	
<b>Accessories</b>	
CT3-PILOT	Pilot Drill ( 1-9/16" OAL )
CT3-SCREW	Screw for CT3 Hole Cutter
CT3-SPRING	Spring for CT3 Hole Cutter
ELEC-KIT	



**LENOX**  
**Carbide Tipped Hole Saws**

DESIGNED TO CUT ABRASIVE MATERIALS  
 LONG TOOL LIFE Heat resistant carbide teeth  
 for long life in tile and stainless steel  
 ADDED DURABILITY Thick backing plate  
 resists damage and increases life  
 UNIQUE TOOTH CONFIGURATION  
 Engineered design provides ability to cut in  
 stainless steel like no other  
 USE STANDARD ARBOR



MBS#	Dia. (in)
30211-11CT	11-16
30212-12CT	3/4
30214-14CT	7/8
30216-16CT	1
30218-18CT	1-1/8
30220-20CT	1-1/4
30222-22CT	1-3/8
30224-24CT	1-1/2
30226-26CT	1-5/8
30228-28CT	1-3/4
30232-32CT	2
30234-34CT	2-1/8
30236-36CT	2-1/4
30238-38CT	2-3/8
30240-40CT	2-1/2
30241-41CT	2-9/16
30242-42CT	2-5/8
30243-43CT	2-11/16
30248-48CT	3
30252-52CT	3-1/4
30254-54CT	3-3/8
30256-56CT	3-1/2
30258-58CT	3-5/8
30260-60CT	3-3/4
30264-64CT	4
30266-66CT	4-1/8
30268-68CT	4-1/4
30272-72CT	4-1/2
30276-76CT	4-3/4
30280-80CT	5
30288-88CT	5-1/2
30296-96CT	6
30297-123CT	Carbide Tipped Pilot Drill
30298-65CTPD	Carbide Tipped Pilot Drill

**CHAMPION CUTTING TOOL**  
**ct5 carbide tipped hole cutters**

- Carbide tipped hole cutters cuts up to 3/16" thick.
- Application: For cutting steel plate, iron, aluminum, copper, cast iron, stainless steel, FRP and plastics up to 3/16" thick. Ideal for electrical, mechanical and HVAC contractors.



MBS#
CT5-9/16
CT5-5/8
CT5-11/16
CT5-3/4
CT5-13/16
CT5-7/8
CT5-15/16
CT5-1
CT5-1-1/16
CT5-1-1/8
CT5-1-3/16
CT5-1-7/32
CT5-1-1/4
CT5-1-5/16
CT5-1-3/8
CT5-1-7/16
CT5-1-1/2
CT5-1-9/16
CT5-1-5/8
CT5-1-11/16
CT5-1-3/4
CT5-1-13/16
CT5-1-7/8
CT5-1-15/16
CT5-2
CT5-2-1/16
CT5-2-1/8
CT5-2-3/16
CT5-2-1/4
CT5-2-5/16
CT5-2-3/8
CT5-2-7/16
CT5-2-1/2
CT5-2-9/16
CT5-2-5/8
CT5-2-11/16
CT5-2-3/4
CT5-2-13/16
CT5-2-7/8
CT5-2-15/16
CT5-3
CT5-3-1/8
CT5-3-1/4
CT5-3-3/8
CT5-3-1/2
CT5-3-5/8
CT5-3-3/4
CT5-3-7/8
CT5-4
CT5-4-1/8
CT5-4-1/4
CT5-4-3/8
CT5-4-1/2
CT5-4-3/4
CT5-5

- Accessories**  
 CT5-PILOT  
 CT5-SCREW  
 CT5-SPRING  
 CT5-PILOT-TCT

**When only the best will do,  
 Call MBS Tool and Fastener**



CHAMPION CUTTING TOOL  
**ct7 carbide tipped hole cutters**

- The perfect, portable tool for the professional electrician plumber, mechanic and general contractor.
- Application: An extremely productive tool that is a cost effective alternative to bi-metal holesaws for drilling holes in steel and other materials up to 1" thick.



MBS#	Description
CT7-9/16	
CT7-5/8	
CT7-11/16	
CT7-3/4	
CT7-13/16	
CT7-7/8	
CT7-15/16	
CT7-1	
CT7-1-1/16	
CT7-1-1/8	
CT7-1-3/16	
CT7-1-1/4	
CT7-1-5/16	
CT7-1-3/8	
CT7-1-7/16	
CT7-1-1/2	
CT7-1-9/16	
CT7-1-5/8	
CT7-1-11/16	
CT7-1-3/4	
CT7-1-13/16	
CT7-1-7/8	
CT7-1-15/16	
CT7-2	
CT7-2-1/8	
CT7-2-1/4	
CT7-2-3/8	
CT7-2-1/2	
CT7-2-9/16	
CT7-2-5/8	
CT7-2-3/4	
CT7-2-7/8	
CT7-3	
CT7-3-1/4	
CT7-3-1/2	
CT7-3-5/8	
CT7-4	
CT7-4-1/8	
CT7-4-1/4	
CT7-4-1/2	

**Subhead**

CT7-PILOT	Pilot Drill ( 2-7/8"OAL )
CT7-SCREW	Screw for CT7 Hole Cutter
CT7-SPRING	Spring for CT7 Hole Cutter
CT7-PILOT-TCT	Carbide Tipped Pilot Drill for abrasive materials

LENOX  
**Hole Saws**  
*Master Grit*

CUTS ABRASIVE MATERIALS  
Tungsten carbide grit cuts through fiberglass, ceramic tile, laminates and other abrasive materials

CLEAN CUTTING Carbide grit edge will not snag or chip when cutting thin materials



MBS#	Dia. (in)
29912-12CG	3/4
29998-20MMCG	25/32
29914-14CG	7/8
29916-16CG	1
29918-18CG	1-1/8
29920-20CG	1-1/4
29922-22CG	1-3/8
29924-24CG	1-1/2
29928-28CG	1-3/4
29932-32CG	2
29934-34CG	2-1/8
29936-36CG	2-1/4
29938-38CG	2-3/8
29940-40CG	2-1/2
29941-41CG	2-9/16
29942-42CG	2-5/8
29948-48CG	3
29952-52CG	3-1/4
29958-58CG	3-5/8
29964-64CG	4
29966-66CG	4-1/8
30297-123CT	Carbide Tipped Pilot Drill
30298-65CTPD	Carbide Tipped Pilot Drill

*When only the best will do for you!!!*



**LENOX  
 Hole Cutters  
 One Tooth**

LOW TORQUE, FAST SPEED  
 LONG LASTING High speed steel tooth provides long tool life  
 CUTS FAST / LOW TORQUE Designed to run at high speeds with very little torque  
 DURABLE WOOD CUTTING TOOL Cuts wet, frozen, pressure-treated and hard wood without binding  
 EASY PLUG REMOVAL Patented design allows easy plug removal  
 CUTS AT AN ANGLE Unique design provides the ability to cut at an angle  
 USES STANDARD ARBOR For optimal performance, use with a LENOX® 2L Arbor and a 3/8" Stubby Spade Bit



MBS#	Cutter Size (in)	Cutting Depth (in)	Applications
25422-24HC	1-3/8	2	1" pipe & lock installation
25434-34HC	2-1/8	2	1-1/2" pipe & lock installation
25436-36HC	2-1/4	2	1-1/2" pipe & 45°/90° bend couplings
25441-41HC	2-9/16	2	2" pipe
25444-44HC	2-3/4	2	2" pipe & 45°/90° bend couplings
25454-54HC	3-3/8	2	3" duct pipe & bendable duct pipe
25456-56HC	3-5/8	2	3" pipe
25464-64HC	4	2	3" pipe & coupling & dryer vent
25469-69HC	4-5/16	2	4" duct pipe & bendable duct pipe
25474-74HC	4-5/8	2	4" pipe
25480-80HC	5	2	4" pipe & coupling
25487-87HC	5-1/2	2	Toilet flange
25500-00HC	6-1/4	2	6" duct pipe
25310-SB38			3/8" stubby spade bit
25312-DIAF1			Diamond file for resharpening

**CHAMPION CUTTING TOOL  
 Hole Cutter Extensions**

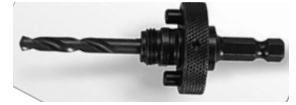
- Extend CT5 and CT7 hole cutters by 4"
- Will extend the reach of all 3/8" and 3/4" shank tools
- Precision machined tool steel



MBS#	Description
CT-EXT-3/8	5" X 3/8" shank extension for 3/8" shank CT5/CT7 cutters
CT-EXT-1/2	5" x 1/2" shank extension for 1/2" shank CT5/CT7 cutters

**LENOX  
 Hole Saw Arbors & Accessories**

ADDED DURABILITY Hardened carbon steel for strength  
 STARTS ON CONTACT Split point pilot drill for faster penetration and less walking



MBS#	Desc.	Shank Type	Shank Size (in)	Chuck Size (in)
<b>Arbors</b>				
30001-1L	Fits Hole Saws 9L-19L	Hex	1/2 & larger	
30002-2L	Fits Hole Saws 20L-96L	Hex	1/2 & larger	
30003-3L	Fits Hole Saws 20L-96L	Solid/Hex	1/2 & larger	
30004-4L	Fits Hole Saws 9L-19L	3 sided	1/4 & larger	
30005-5L	Fits Hole Saws 9L-19L	Hex	3/8 & larger	
30006-6L	Fits Hole Saws 20L-96L	Hex	3/8 & larger	
30007-7L	Fits Hole Saws 24L-96L	Hex	3/8 & larger	
<b>Accessories</b>				
30850-4321	Pilot Drill ( 1 per pack )			1/4
30853-B4321	Pilot Drill ( 25 per pack )			1/4
30851-56PD	Pilot Drill ( 1 per pack )			1/4
30297-123CT	Carbide Tipped Pilot Drill ( 1 per pack )			1/4
30298-65CTPD	Carbide Tipped Pilot Drill ( 1 per pack )			1/4
30857-AA1	Arbor Adaptor ( 5 per pack )			
30848-18X	18" Extension ( 1 per pack )			1/2 & larger
30847-12X	12" Extension ( 1 per pack )			1/2 & larger
30843-10X	10" Extension ( 1 per pack )			3/8 & larger
30846-55X	5-1/2" Extension ( 1 per pack )			1/2 & larger

**CHAMPION CUTTING TOOL  
 Hole Cutter Extensions**

- QCD - quick-change driver
- Dual 1/4" and 3/8" drill and drive chuck
  - 1/4" tools lock into position 2
  - Fits all accessory types, all brands
  - 3/8" tools lock into position 1
  - Industrial quality with minimal runout (wobble)
  - Fits old and new hex shanks with or without power groove



MBS#
QCD

***We have what you need at a price that can't be beat.***



**M K MORSE**  
**Carbon Steel Arbors**  
 With Pilot Drills

These heavy-duty, carbon steel arbors come complete with pilot drills. They adapt Morse Hole Saws to any power drill used by professionals.



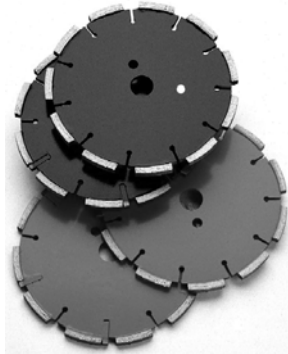
Packaging: 1 per box  
 \*These hole saws, AV204, AV224, AV244, require the use of one of the arbors marked with an asterisk.

MBS#	Comp. #	Shank Size	Drill No.	Comp. No.	Chuck Size	Fits Saws (in)	Follow Through (in)
<b>1/2-20 Thread Size</b>							
M24K	140027	1/4 Round	MPD4 01	14077 5	1/4	*9/16 - 13/16	3/4 - 1 1/2
M24	140010	1/4 Hex	MPD4 S01	14079 9	1/4	*9/16 - 13/16	3/4 - 1 1/2
M34	140041	3/8 Hex	MPD4 S01	14079 9	3/8	*9/16 - 13/16	3/4 - 1 1/2
M44K	140089	7/16 Hex	MPD4 01	14077 5	1/2	9/16 - 6	1 1/2 - 6
M44	140072	7/16 Hex	MPD4 01	14077 5	1/2	*9/16 - 13/16	3/4 - 1 1/2
<b>5/8-18 Thread Size</b>							
M35P S	140065	3/8 Hex	MPD4 S01	14077 9	3/8	1 1/4 - 6	1 1/2 - 6
M45P	140164	7/16 Hex	MPD4 01	14077 5	1/2	1 1/4 - 6	1 1/2 - 6

**DIAMOND PRODUCTS**

**Random Crack Saw Blades**  
 Heavy Duty Orange, Premium Black

Used for preparing random cracks for resealing with joint sealant materials. Undercut protection may be added. Custom specifications available in Heavy Duty Orange (H) and Premium Black (P) quality grades.



MBS#	Size (in.)
(H)-(P)	5"x.250
(H)-(P)	5"x.375
(H)-(P)	5"x.500
(H)-(P)	6"x.250
(H)-(P)	6"x.375
(H)-(P)	6"x.500
(H)-(P)	7"x.250
(H)-(P)	7"x.375
(H)-(P)	8"x.250
(H)-(P)	8"x.375
(H)-(P)	8"x.500

**DIAMOND PRODUCTS**  
**Asphalt/Concrete Blades**

Standard Gold, Heavy Duty Orange, Premium Black, Professional Blue, Super Premium Silver

Wet Asphalt, Asphalt over Concrete and Green Concrete Blades



Advanced Asphalt, Asphalt Over Concrete and Green Concrete Wet Blades are designed with special hardened steel cores for added blade life with minimal undercutting. Standard Gold Quality Code (S) .250" Diamond Depth Economical blades that work well for contractors who don't have a heavy volume of cutting to be done.

Delivers the speed and convenience of a diamond blade compared to abrasive blades that require frequent blade changes.

Heavy Duty Orange Quality Code (H) .250" Diamond Depth Fast cutting blade that works well with a wide variety of high or low HP saws.

Combines long life performance while maximizing your blade dollars.

Premium Black Quality Code (P) .275" Diamond Depth High quality that delivers long lasting, fast cutting performance. Designed for contractors who demand maximum efficiency and value.

Professional Blue Quality Code (T) .320" Diamond Depth Same high quality as the Premium Black with a taller segment to lower your cutting cost.

Super Premium Silver Quality Code (SP) .375" Diamond Depth Delivers the longest life with the highest diamond quality and concentration. 1" Arbor with drive pin hole standard. Custom arbor sizes are available. When ordering, please specify arbor size if different from 1"

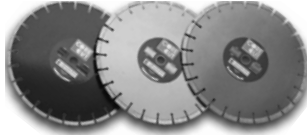
MBS#	Size (in.)
(S)-(H)-(P)-(T)-(SP)	12"x.125
(S)-(H)-(P)-(T)-(SP)	12"x.140
(S)-(H)-(P)-(T)-(SP)	12"x.187
(S)-(H)-(P)-(T)-(SP)	12"x.250
(S)-(H)-(P)-(T)-(SP)	12"x.375
(S)-(H)-(P)-(T)-(SP)	14"x.125
(S)-(H)-(P)-(T)-(SP)	14"x.140
(S)-(H)-(P)-(T)-(SP)	14"x.187
(S)-(H)-(P)-(T)-(SP)	14"x.250
(S)-(H)-(P)-(T)-(SP)	14"x.375
(S)-(H)-(P)-(T)-(SP)	16"x.140
(S)-(H)-(P)-(T)-(SP)	18"x.125
(S)-(H)-(P)-(T)-(SP)	18"x.140
(S)-(H)-(P)-(T)-(SP)	18"x.155
(S)-(H)-(P)-(T)-(SP)	18"x.187
(S)-(H)-(P)-(T)-(SP)	18"x.250
(S)-(H)-(P)-(T)-(SP)	20"x.125
(S)-(H)-(P)-(T)-(SP)	20"x.140
(S)-(H)-(P)-(T)-(SP)	20"x.155
(S)-(H)-(P)-(T)-(SP)	24"x.155
(S)-(H)-(P)-(T)-(SP)	24"x.187
(S)-(H)-(P)-(T)-(SP)	26"x.155
(S)-(H)-(P)-(T)-(SP)	26"x.187
(S)-(H)-(P)-(T)-(SP)	30"x.175
(S)-(H)-(P)-(T)-(SP)	30"x.187
(S)-(H)-(P)-(T)-(SP)	32"x.187
(S)-(H)-(P)-(T)-(SP)	36"x.187

**Check us out on line at [www.mbs-tools.com](http://www.mbs-tools.com)**



**DIAMOND PRODUCTS**  
**High Performance Wet Cured Concrete**  
**Blades**  
*Professional Blue, Super Premium Silver, Mega*  
*Premium Green*

The highest quality diamond blades in the industry, delivering the lowest cost-per-foot performance on the toughest applications and the hardest aggregates. Professional Blue Quality Code (T) .320" Diamond Depth Same high quality as our Premium Black blade with a taller segment to lower your cutting cost. Super Premium Silver Quality Code (SP) .375" Diamond Depth. A high quality long life blade. Especially well suited for sawing in tough applications. Mega Premium Green Quality Code (MP) .437" Diamond Depth Extremely long life especially good for hard aggregates. Made with our highest standard diamond concentration. Delivers the lowest diamond tool cost per foot in the industry. 1" Arbor with drive pin hole standard. Custom arbor sizes are available. When ordering, please specify arbor size if different from 1".

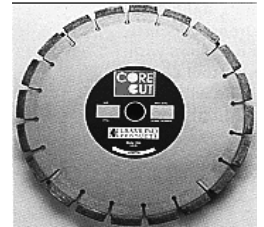


MBS#	Size (in.)
(T)-(SP)-(MP)	10"x.110
(T)-(SP)-(MP)	10"x.125
(T)-(SP)-(MP)	12"x.110
(T)-(SP)-(MP)	12"x.125
(T)-(SP)-(MP)	12"x.140
(T)-(SP)-(MP)	12"x.155
(T)-(SP)-(MP)	12"x.187
(T)-(SP)-(MP)	12"x.250
(T)-(SP)-(MP)	12"x.375
(T)-(SP)-(MP)	14"x.110
(T)-(SP)-(MP)	14"x.125
(T)-(SP)-(MP)	14"x.140
(T)-(SP)-(MP)	14"x.155
(T)-(SP)-(MP)	14"x.187
(T)-(SP)-(MP)	14"x.250
(T)-(SP)-(MP)	14"x.375
(T)-(SP)-(MP)	16"x.125
(T)-(SP)-(MP)	16"x.140
(T)-(SP)-(MP)	16"x.155
(T)-(SP)-(MP)	16"x.187
(T)-(SP)-(MP)	16"x.250
(T)-(SP)-(MP)	18"x.125
(T)-(SP)-(MP)	18"x.140
(T)-(SP)-(MP)	18"x.155
(T)-(SP)-(MP)	18"x.165
(T)-(SP)-(MP)	18"x.175
(T)-(SP)-(MP)	18"x.187
(T)-(SP)-(MP)	18"x.210
(T)-(SP)-(MP)	18"x.250
(T)-(SP)-(MP)	20"x.125
(T)-(SP)-(MP)	20"x.140
(T)-(SP)-(MP)	20"x.155
(T)-(SP)-(MP)	20"x.187
(T)-(SP)-(MP)	20"x.250
(T)-(SP)-(MP)	24"x.140
(T)-(SP)-(MP)	24"x.155
(T)-(SP)-(MP)	24"x.165
(T)-(SP)-(MP)	24"x.175
(T)-(SP)-(MP)	24"x.187
(T)-(SP)-(MP)	24"x.210
(T)-(SP)-(MP)	24"x.250
(T)-(SP)-(MP)	25"x.155
(T)-(SP)-(MP)	26"x.155
(T)-(SP)-(MP)	26"x.165
(T)-(SP)-(MP)	26"x.175

MBS#	Size (in.)
(T)-(SP)-(MP)	26"x.187
(T)-(SP)-(MP)	26"x.250
(T)-(SP)-(MP)	28"x.187
(T)-(SP)-(MP)	30"x.175
(T)-(SP)-(MP)	30"x.187
(T)-(SP)-(MP)	30"x.210
(T)-(SP)-(MP)	30"x.250
(T)-(SP)-(MP)	32"x.175
(T)-(SP)-(MP)	32"x.187
(T)-(SP)-(MP)	32"x.210
(T)-(SP)-(MP)	32"x.250
(T)-(SP)-(MP)	36"x.175
(T)-(SP)-(MP)	36"x.187
(T)-(SP)-(MP)	36"x.210
(T)-(SP)-(MP)	36"x.250
(T)-(SP)-(MP)	36"x.250
(T)-(SP)-(MP)	42"x.187
(T)-(SP)-(MP)	42"x.210
(T)-(SP)-(MP)	42"x.220
(T)-(SP)-(MP)	48"x.210
(T)-(SP)-(MP)	48"x.250
(T)-(SP)-(MP)	54"x.220
(T)-(SP)-(MP)	60"x.220

**DIAMOND PRODUCTS**  
**Joint Widening and Cleaning Blades**  
*Heavy Duty Orange, Premium Black, Professional*  
*Blue*

Widen control joints in green concrete or old sealed joints in cured concrete. Often used in pairs with spacers, which allow the desired joint width to be maintained by flipping the blades inside out as the side gauge wears on the outside edge. Spacers used between joint blades are made specifically for your machine and application. Available in Heavy Duty Orange (H), Premium Black (P) and Pro Blue (T) grades



MBS#	Size (in.)
(H)-(P)-(T)	12"x.155
(H)-(P)-(T)	12"x.187
(H)-(P)-(T)	12"x.250
(H)-(P)-(T)	12"x.375
(H)-(P)-(T)	12"x.500
(H)-(P)-(T)	14"x.155
(H)-(P)-(T)	14"x.175
(H)-(P)-(T)	14"x.187
(H)-(P)-(T)	14"x.250
(H)-(P)-(T)	14"x.375
(H)-(P)-(T)	14"x.500

*Call us for all your cutting tool needs.*



DIAMOND PRODUCTS

**Wet Cured Concrete Blades**

**Premium Black, Heavy Duty Orange, Standard Gold**

Premium Black Quality Code (P) .275" Diamond Depth

- A high quality blade that delivers long lasting, fast cutting performance.
  - Designed for contractors who demand maximum efficiency and value.
- Heavy Duty Orange Quality Code (H) .250" Diamond Depth
- Fast cutting blade that works well with a wide variety of high or low HP saws.
  - Combines long life performance while maximizing your blade dollars.
- Standard Gold Quality Code (S) .250" Diamond Depth
- Economical blades that work well for contractors who don't have a heavy volume of cutting to be done.
  - Delivers the speed and convenience of a diamond blade compared with conventional abrasive blades that require frequent blade changes.



1" Arbor with drive pin hole standard. Custom arbor sizes are available. When ordering, please specify arbor size if different from 1"

MBS#	Size (in.)
(P)-(H)-(S)	10"x.110
(P)-(H)-(S)	10"x.125
(P)-(H)-(S)	12"x.110
(P)-(H)-(S)	12"x.125
(P)-(H)-(S)	12"x.140
(P)-(H)-(S)	12"x.155
(P)-(H)-(S)	12"x.187
(P)-(H)-(S)	12"x.250
(P)-(H)-(S)	12"x.375
(P)-(H)-(S)	14"x.110
(P)-(H)-(S)	14"x.125
(P)-(H)-(S)	14"x.140
(P)-(H)-(S)	14"x.155
(P)-(H)-(S)	14"x.175
(P)-(H)-(S)	14"x.187
(P)-(H)-(S)	14"x.250
(P)-(H)-(S)	14"x.375
(P)-(H)-(S)	16"x.125
(P)-(H)-(S)	16"x.140
(P)-(H)-(S)	16"x.155
(P)-(H)-(S)	16"x.187
(P)-(H)-(S)	16"x.250
(P)-(H)-(S)	18"x.125
(P)-(H)-(S)	18"x.140

MBS#	Size (in.)
(P)-(H)-(S)	18"x.155
(P)-(H)-(S)	18"x.165
(P)-(H)-(S)	18"x.175
(P)-(H)-(S)	18"x.187
(P)-(H)-(S)	18"x.210
(P)-(H)-(S)	18"x.250
(P)-(H)-(S)	20"x.125
(P)-(H)-(S)	20"x.140
(P)-(H)-(S)	20"x.155
(P)-(H)-(S)	20"x.187
(P)-(H)-(S)	20"x.250
(P)-(H)-(S)	24"x.140
(P)-(H)-(S)	24"x.155
(P)-(H)-(S)	24"x.165
(P)-(H)-(S)	24"x.175
(P)-(H)-(S)	24"x.187
(P)-(H)-(S)	24"x.210
(P)-(H)-(S)	24"x.250
(P)-(H)-(S)	25"x.155
(P)-(H)-(S)	26"x.155
(P)-(H)-(S)	26"x.165
(P)-(H)-(S)	26"x.175
(P)-(H)-(S)	26"x.187
(P)-(H)-(S)	26"x.210
(P)-(H)-(S)	26"x.250
(P)-(H)-(S)	28"x.187
(P)-(H)-(S)	30"x.175
(P)-(H)-(S)	30"x.187
(P)-(H)-(S)	30"x.210
(P)-(H)-(S)	30"x.250
(P)-(H)-(S)	32"x.175
(P)-(H)-(S)	32"x.187
(P)-(H)-(S)	32"x.210
(P)-(H)-(S)	32"x.250
(P)-(H)-(S)	36"x.175
(P)-(H)-(S)	36"x.187
(P)-(H)-(S)	36"x.210
(P)-(H)-(S)	36"x.250
(P)-(H)-(S)	42"x.187
(P)-(H)-(S)	42"x.210
(P)-(H)-(S)	42"x.220
(P)-(H)-(S)	48"x.210
(P)-(H)-(S)	48"x.250
(P)-(H)-(S)	54"x.220
(P)-(H)-(S)	60"x.220

PEARL ABRASIVE

**Diamond Blades**

**Turbo rim Diamond Blade-Block, Brick, Concrete, Marble, Natural Stone, Refractory Material, Soft Stone, Sand Stone**

Pearl's turbo rim diamond blades are designed for cutting a wide variety of material. They combine the speed of a segmented blade with a clean cut of a continuous rim blade. Pearl's turbo rim blades are developed with high quality control standards you have come to expect from Pearl. These turbo rim blades are excellent for use on concrete, brick, block, marble, natural stone and much more.



MBS#	Specs	Max RPM
PV004T	4" x .080 x 20mm, 5/8	13,700
PV045T	4-1/2" x .080 x 7/8, 5/8	13,300
PV005T	5" x .080 x 7/8, 5/8	12,200
PV007T	7" x .090 x 7/8, P, 5/8	8,500



**PEARL ABRASIVE  
 Diamond Blades**

**Segmented Diamond Blade-Block, Brick, Concrete, Marble, Natural Stone, Refractory Material, Soft Stone, Sand Stone**

Pearl's Segmented diamond blades are designed for cutting a wide variety of material. Pearl's Segmented blades are developed with high quality control standards you have come to expect from Pearl. These Segmented blades are excellent for use on concrete, brick, block, marble, natural stone and much more.



MBS#	Specs	Max RPM
PV004S	4 x .080 x 20mm, 5/8	13,700
PV045S	4-1/2 x .080 x 7/8, 5/8	13,300
PV005S	5 x .080 x 7/8, 5/8	12,200
PV007S	7 x .090 x 7/8, P, 5/8	8,500
PV1212XL	12 x .125 x 1	6,300
PV1212XL2	12 x .125 x 20mm	6,300
PV1412XL	14 x .125 x 1	5,400
PV1412XL2	14 x .125 x 20mm	5,400
PV1612XL	16 x .125 x 1, 20mm	4,700

**PEARL ABRASIVE  
 Masonry Blade**

**Masonry Blade-Block, Brick, Paver Brick, Hard Brick, Masonry, Natural Stone, Refractory Material, Roof Tile, Artificial Stone, Sandstone, Stone**

General purpose masonry blade that can handle most anything you throw at it. Laser welded bond ensures safety and durability. Segment and U-Gullet designs promote fast cutting on brick, block and stone while keeping the core cool. 10MM diamond height. Wet or Dry Use.



MBS#	Specs	Max RPM
LW1412BB	14 x .125 x 1, 20mm	5,400

**TENRYU AMERICA, INC.  
 Carbide Tipped Saw Blades  
 Steel Cutting**

The Stealth is Tenryu's next generation of steel cutting carbide tipped saw blades. These blades are designed to be quieter than standard Steel-Pro blades and will last longer as well. The Tenryu Stealth blades allow you to cut a wide variety of mild steel materials with:



- No dust clouds
  - Reduced sparking
  - Much less noise
  - Less burr on edges
  - Fewer blade changes
  - Exclusive two-ply blade body for self dampening and low noise operation
  - Individually hammer-tensioned steel plates for true run
  - Unique tooth design and geometry for smoother and easier cuts
  - Inserted teeth with chip limiting steel support for added durability and safety
  - Tough C-6 carbide for impact resistance and long cutting life
- Stealth blades, when used for the proper application, will save lots of time and can outlast abrasive discs 30 to 1. Please note all safety instruction before use and adhere to instructions for maximum rpm speeds. PRF-35572D, PRF-30560D - These blades are for use on low RPM chop saws only. Rake: 0

MBS#	Teeth	Arbor (in)	Grind	Kerf (in)	Application
<b>7 1/4 in. Diameter</b>					
PRF-18538BW	38	5/8 KO	MTCG	0.079	Our Steel-Pro for Cutting Ferrous Metal up to 1/4 in. Thick.
PRF-18548BW	48	5/8 KO	ATB	0.079	Our Most Popular Steel-Pro. Cuts Thick (up to 1/8 in.) and Thin.
<b>12 in. Diameter</b>					
PRF-30560D	60	1	TCG	0.098	For Cutting Mild Steel on Low RPM Dry Cut Saws.
<b>14 in. Diameter</b>					
PRF-35572D	72	1	TCG	0.094	For Use on Dry-Cut Low RPM Saws for Cutting Mild Steel.

**MBS. Your one-stop for all your tool and fastener needs!**



**DEWALT**  
**Ferrous Metal Cutting Saw Blades**  
**Chop Saw Blades**

- 12% titanium carbide provides long life in metal cutting
- Modified ATB tooth geometry provides clean, burr-free cuts
- Tri-foil braze absorbs stress, making the tip stronger
- Expansion slots dissipate heat which extends blade life



MBS#	Dia. (in)	Teeth	Arbor	Max RPM
DW7737	12"	60	1"	1,800 rpm
DW7739	12"	80	1"	1,800 rpm
DW7747	14"	70	1"	1,800 rpm
DW7745	14"	90	1"	1,800 rpm
DW7749	14"	90	1"	1,800 rpm

**DEWALT**  
**Precision Trim Saw Blades**  
**Wood Cutting**

- Premium Micro-Grain carbide produces ultra-sharp cutting edges that dramatically reduce splintering
- Precision Balanced, Laser-Cut Body provides extremely accurate cuts
- Exclusive Dampening Slots reduce vibration to enhance cutting accuracy
- Tough Coat Finish reduces heat, friction, and gum to promote blade life

MBS#	Dia (in.)	Teeth	Arbor	Desc.
DW7118PT	8-1/2"	60	5/8"	8-1/2" 60T Fine Crosscutting Saw Blade
DW7124PT	10"	24	5/8"	10" 24T Fast Ripping Saw Blade
DW7140PT	10"	40	5/8"	10" 40T Ripping / Crosscutting Saw Blade
DW7150PT	10"	50	5/8"	10" 50T Combination Saw Blade
DW3215PT	10"	60	5/8"	10" 60T Smooth Crosscutting Saw Blade
DW3218PT	10"	80	5/8"	10" 80T Fine Crosscutting Saw Blade
DW3216PT	12"	60	1"	12" 60T Smooth Crosscutting Saw Blade
DW3232PT	12"	80	1"	12" 80T Fine Crosscutting Saw Blade

**LENOX**  
**Metal Cutting Blades**  
**Lazer**

**BEST FOR EXTREME METAL CUTTING**  
**OPTIMIZED FOR HIGHER PERFORMANCE**  
 Reinforced tooth design ensures higher performance in the most demanding jobs  
**ENHANCED CUTTING ACTION**  
 A wider, thicker body than conventional blades delivers whip-free cuts that stay straight and smooth  
**LONGER LIFE**



Last up to 45% longer than competitors' blades  
**DURABLE CONSTRUCTION**  
 Shatter resistant, bi-metal design provides the flexibility and durability single-metal blades can't

MBS#	TPI	Length (in.)	Width (in.)	Thickness (in.)
6108R	8	6	1	.042
9108R	8	9	1	.042
12108R	8	12	1	.042
6110R	10	6	1	.042
9110R	10	9	1	.042
12110R	10	12	1	.042
6114R	14	6	1	.042
9114R	14	9	1	.042
12114R	14	12	1	.042
6118R	18	6	1	.042
9118R	18	9	1	.042
12118R	18	12	1	.042

**LENOX**  
**Demolition Blades**

**BEST FOR DEMOLITION AND NAIL-EMBEDDED WOOD**  
**VERSATILE PERFORMANCE**  
 Engineered to rip through a wide array of materials with ease—including structural steel, lumber, pipe, and nail embedded wood  
**OPTIMIZED BLADE DESIGN**  
 Wider and thicker to stand up to the brutal conditions in demolition applications  
**DURABLE CONSTRUCTION**  
 Shatter resistant, bi-metal design provides the flexibility and durability single-metal blades can't



MBS#	TPI	Length (in.)	Width (in.)	Thickness (in.)
6066R	6	6	7/8"	.062
966R	6	9	7/8"	.062
106R	6	12	7/8"	.062
960R	10	9	7/8"	.062
650R	10/14	6	3/4"	.050

**Call us for all your cutting tool needs.**

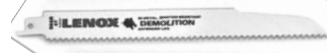


**LENOX**

**Bi-Metal Reciprocating Saw Blades**

LONG LASTING, FAST CUTTING AND VERSATILE LONG LIFE

Patented, TUFF TOOTH™ design provides long blade life EFFICIENT CUTTING  
 Optimized for specific applications  
**DURABLE CONSTRUCTION**  
 Shatter resistant, bi-metal design provides the flexibility and durability single-metal blades can't



MBS#	TPI	Length (in.)	Width (in.)	Thickness (in.)
634R	4	6	3/4	.050
456R	6	4	3/4	.050
636R	6	6	3/4	.050
606R	6	6	3/4	.035
676R	6	6	7/16	.050
656R	6	6	3/4	.050
956R	6	9	3/4	.050
156R	6	12	3/4	.050
610R	10	6	3/4	.035
810R	10	8	3/4	.050
850R	10/14	8	3/4	.050
110R	10/14	12	3/4	.050
314R	14	3-5/8	5/16	.035
414R	14	4	3/4	.035
614R	14	6	3/4	.035
814R	14	8	3/4	.035
318R	18	3-5/8	5/16	.035
418R	18	4	3/4	.035
618R	18	6	3/4	.035
818R	18	8	3/4	.035
118R	18	12	3/4	.035
424R	24	4	3/4	.035
624R	24	6	3/4	.035
824R	24	8	3/4	.035

**LENOX**

**Reciprocating Saw Blades**

**Master-Grit**

FOR CUTTING NON-METALLIC MATERIALS HIGH PERFORMANCE IN ABRASIVE MATERIALS

Cuts through tough materials that resist chip-forming, including ceramics, pipe, stone, brick, marble, and more

**SMOOTH, QUICK CUTS**

Uniformly applied, durable carbide grit particles on a flexible blade provide fast cuts without snagging or binding



MBS#	Length (in.)	Width (in.)	Thickness (in.)	Grit
600RG	6	3/4	.032	Medium
800RG	8	3/4	.040	Medium
100RG	10	3/4	.050	Medium

**LENOX**

**Reciprocating Saw Blades**

**Carbide Tipped**

ENGINEERED TO CUT THE TOUGHEST MATERIALS VERSATILE AND EFFECTIVE

Cuts tough materials including cement board, cast aluminum, pressure treated wood, engineered lumber, and more  
**ENGINEERED FOR FASTER PERFORMANCE**  
 Triple chip tooth design cuts 25% faster than standard carbide blades and provides exceptional fatigue resistance



MBS#	TPI	Length (in.)	Width (in.)	Thickness (in.)
8535RCT	3	8	3/4	.050
6565RCT	6	6	3/4	.050
6563RCT	6	6	3/4	.050

**LENOX**

**Jig Saw Blades**

**High Carbon Steel**

IDEAL FOR WOODWORKING PRECISION CUTTING

Super sharp to cut fast without deflection

**SMOOTH FINISH**

Ground to precision sharpness for straight cuts and a smooth finish

IDEAL FOR WOODWORKING

Designed for optimal performance in wood cutting, including hardwoods



MBS#	TPI	Length (in.)	Type
<b>T SHANK JIG SAW BLADES</b>			
CFS406S	6	4	HCS
CF456S	6	4	HCS
CF450S	10	4	HCS
CF450SR	10D	4	HCS
F314S	14	3-5/8	BIM
F318S	18	3-5/8	BIM
F518S	18	5-1/4	BIM
CF320SC	20	3-5/8	HCS
F324S	24	3-5/8	BIM
F332S	32	3-5/8	BIM
F300SG	Grit	3	

**U SHANK JIG SAW BLADES**

CFS406J	6	4	HCS
CF456J	6	4	HCS
CF450J	10	4	HCS
CF450JR	10D	4	HCS
F314J	14	3-5/8	BIM
F318J	18	3-5/8	BIM
F518J	18	5-1/4	BIM
CF320JC	20	3-5/8	HCS
F324J	24	3-5/8	BIM
F332J	32	3-5/8	BIM
F300JG	Grit	3	

***We have what you need at a price that can't be beat.***



LENOX  
**Bi-Metal jig Saw Blades**

IDEAL FOR WOODWORKING  
AND METAL CUTTING  
PRECISION CUTTING  
Super sharp to cut fast without deflection  
SMOOTH FINISH



Ground to precision sharpness for straight cuts and a smooth finish

IDEAL FOR WOODWORKING  
Designed for optimal performance in wood cutting, including hardwoods  
SHATTER RESISTANT  
Bi-metal technology flexes and resists breaking and extends blade life

**MBS# TPI Length (in.) Type**

**T SHANK BLADES**

F406S	6	4	BIM
F456S	6	4	BIM
F416SC	6	4	BIM
F410S	10	4	BIM
F450S	10	4	BIM
F450SR	10D	4	BIM
F314S	14	3-5/8	BIM
F318S	18	3-5/8	BIM
F518S	18	5-1/4	BIM
F320SC	20	3-5/8	BIM
F324S	24	3-5/8	BIM
F300SG	Grit	3	

**Subhead**

F486J	6	4	BIM
F456J	6	4	BIM
F416JC	6	4	BIM
F480J	10	4	BIM
F450J	10	4	BIM
F450JR	10D	4	BIM
F314J	14	3-5/8	BIM
F318J	18	3-5/8	BIM
F518J	18	5-1/4	BIM
F320JC	20	3-5/8	BIM
F324J	24	3-5/8	BIM
F332J	32	3-5/8	BIM
F300JG	Grit	3	BIM

LENOX  
**Air Saw Blades**

MAXIMUM DURABILITY FOR  
PNEUMATIC MACHINE  
CUTTING



SHATTER RESISTANT--Bi-metal blades bend and resist breaking and extend blade life  
LONG LASTING--High speed steel teeth provide a strong, long lasting cutting edge

**MBS# TPI Length (in.) Width (in.) Thickness (in.)**

418T	18	4	1/2	.025
424T	24	4	1/2	.025
432T	32	4	1/2	.025

LENOX  
**PORTABLE BANDSAW BLADES**

PROFESSIONAL PERFORMANCE  
AND EXCEPTIONAL VALUE  
LONG LASTING

High speed steel teeth provide a strong, long lasting cutting edge.

SHATTER RESISTANT  
Bi-metal blades bend and resist breaking and extend blade life.

EXCEPTIONAL VALUE  
Professional performance and competitive pricing provide extraordinary cost-per-cut value.



MBS#	Length (in.)	Width (in.)	Thickness (in.)	TPI
80098-38PW-10/14	44-7/8	1/2	.020	10/14
80707-38PW-14	44-7/8	1/2	.020	14
80099-38PW-14/18	44-7/8	1/2	.020	14/18
80108-38PW-18	44-7/8	1/2	.020	18
80109-38PW-24	44-7/8	1/2	.020	24

DRILLCO CUTTING TOOLS  
**Cylindrical Carbide Burs**  
*Series 7000A*  
*Double Cut*

- Double cut for fine work. Designed for use on ferrous metals, plastic, fiberglass and other machinable materials. Great for deburring, sculpting and removing material in hard-to-reach areas. Designed for use w/ high-speed die grinders



MBS#	Tool Number	Cutter Dia.	Length of Cut
<b>SERIES 7000A</b>			
7A108BDC	SA-11	1/8	1/2
7A108ADC	SA-12	1/8	5/8
7A112ADC	SA-14	3/16	5/8
7A116ADC	SA-1	1/4	5/8
7A116BDC	SA-1L	1/4	1"
7A120ADC	SA-2	5/16	3/4
7A120BDC	SA-2L	5/16	1"
7A124ADC	SA-3	3/8	3/4
7A124BDC	SA-3L	3/8	1"
7A124CDC	SA-3XL	3/8	1-1/2
7A128BDC	SA-4	7/16	1"
7A132BDC	SA-5	1/2	1"
7A140BDC	SA-6	5/8	1"
7A148ADC	SA-16	3/4	3/4
7A148BDC	SA-7	3/4	1"
7A164BDC	SA-9	1"	1"
<b>SERIES 7000AX</b>			
7AX116DC	SA-1L6	1/4	1/2
7AX124DC	SA-3L6	3/8	3/4
7AX132DC	SA-5L6	1/2	1"



**DRILLCO CUTTING TOOLS**  
**Cylindrical End Cut Carbide Burs**  
*Double Cut*

- Double cut for fine work. Designed for use on ferrous metals, plastic, fiberglass and other machinable materials. Great for deburring, sculpting and removing material in hard-to-reach areas. Designed for use w/ high-speed die grinders



MBS#	Tool No.	Cutter Dia.	Length of Cut
<b>SERIES 7000B</b>			

**DRILLCO CUTTING TOOLS**  
**Cylindrical Ball Nose Carbide Burs**  
*Double Cut*

- Double cut for fine work. Designed for use on ferrous metals, plastic, fiberglass and other machinable materials. Great for deburring, sculpting and removing material in hard-to-reach areas. Designed for use w/ high-speed die grinders



MBS#	Tool No.	Cutter Dia.	Length of Cut
<b>SERIES 7000C</b>			
7C108BDC	SC-11	1/8	1/2
7C108ADC	SC-12	1/8	5/8
7C112ADC	SC-14	3/16	5/8
7C116ADC	SC-1	1/4	5/8
7C116BDC	SC-1L	1/4	1"
7C120ADC	SC-2	5/16	3/4
7C120BDC	SC-2L	5/16	1"
7C124ADC	SC-3	3/8	3/4
7C124BDC	SC-3L	3/8	1"
7C124CDC	SC-3XL	3/8	1-1/2
7C128BDC	SC-4	7/16	1"
7C132BDC	SC-5	1/2	1"
7C140BDC	SC-6	5/8	1"
7C148BDC	SC-7	3/4	1"
7C164BDC	SC-9	1"	1"
<b>SERIES 7000CX</b>			
7CX116DC	SC-1L6	1/4	1/2
7CX124DC	SC-3L6	3/8	3/4
7CX132DC	SC-5L6	1/2	1"

**DRILLCO CUTTING TOOLS**  
**Oval Shape Carbide Burs**  
*Double Cut*

- Carbide Burs
- Double cut for fine work. Designed for use on ferrous metals, plastic, fiberglass and other machinable materials. Great for deburring, sculpting and removing material in hard-to-reach areas. Designed for use w/ high-speed die grinders



MBS#	Tool No.	Cutter Dia.	Length of Cut
<b>SERIES 7000E</b>			
7E112ADC	SE-11	3/16	5/16
7E116ADC	SE-1	1/4	3/8
7E120ADC	SE-2	5/16	5/8
7E124ADC	SE-3	3/8	5/8
7E132ADC	SE-5	1/2	7/8
7E140ADC	SE-6	5/8	1"
7E148ADC	SE-7	3/4	1"
<b>SERIES 7000EX</b>			
7EX116DC	SE-1L6	1/4	3/8
7EX124DC	SE-3L6	3/8	5/8
7EX132DC	SE-5L6	1/2	7/8

**DRILLCO CUTTING TOOLS**  
**Round Tree Shape Carbide Burs**  
*Double Cut*

- Carbide Burs
- Double cut for fine work. Designed for use on ferrous metals, plastic, fiberglass and other machinable materials. Great for deburring, sculpting and removing material in hard-to-reach areas. Designed for use w/ high-speed die grinders



MBS#	Tool Number	Cutter Dia.	Length of Cut
<b>SERIES 7000F</b>			
7F108BDC	SF-11	1/8	1/2
7F108ADC	SF-12	1/8	5/8
7F116ADC	SF-1	1/4	5/8
7F116BDC	SF-1L	1/4	3/4
7F124ADC	SF-3	3/8	3/4
7F128ADC	SF-4	7/16	1"
7F132ADC	SF-13	1/2	3/4
7F132BDC	SF-5	1/2	1"
7F140ADC	SF-6	5/8	1"
7F148ADC	SF-7	3/4	1"
7F148BDC	SF-14	3/4	1-1/4
7F148CDC	SF-15	3/4	1-1/2
<b>SERIES 7000FX</b>			
7FX116DC	SF-1L6	1/4	1/2
7FX124DC	SF-3L6	3/8	3/4
7FX132DC	SF-5L6	1/2	1"

**MBS. Your one-stop for all your tool and fastener needs!**



**DRILLCO CUTTING TOOLS**  
**Flame Shape Carbide Burs**  
*Double Cut*

- Double cut for fine work. Designed for use on ferrous metals, plastic, fiberglass and other machinable materials. Great for deburring, sculpting and removing material in hard-to-reach areas. Designed for use w/ high-speed die grinders



MBS#	Tool No.	Cutter Dia.	Length of Cut
<b>SERIES 7000H</b>			
7H116ADC	SH-1	1/4	1/2
7H120ADC	SH-2	5/16	3/4
7H132ADC	SH-5	1/2	1-1/4
7H140ADC	SH-6	5/8	1-7/16
7H148ADC	SH-7	3/4	1-5/8
<b>SERIES 7000HX</b>			
7HX120DC	SH-2L6	5/16	3/4
7HX132DC	SH-5L6	1/2	1-1/4

**DRILLCO CUTTING TOOLS**  
**14° Included Carbide Burs**  
**Series7000L**  
*Double Cut*

- Double cut for fine work. Designed for use on ferrous metals, plastic, fiberglass and other machinable materials. Great for deburring, sculpting and removing material in hard-to-reach areas. Designed for use w/ high-speed die grinders



MBS#	Tool No.	Cutter Dia.	Length of Cut
7L116ADC	SL-1	1/4"	5/8"
7L120ADC	SL-2	5/16"	7/8"
7L124ADC	SL-3	3/8"	1-1/16"
7L132ADC	SL-4	1/2"	1-1/8"
7L140ADC	SL-5	5/8"	1-3/16"
7L140BDC	SL-6	5/8"	1-5/16"
7L148ADC	SL-7	3/4"	1-1/2"

**DRILLCO CUTTING TOOLS**  
**Pointed Tree Shape Carbide Burs**  
*Double Cut*

- Double cut for fine work. Designed for use on ferrous metals, plastic, fiberglass and other machinable materials. Great for deburring, sculpting and removing material in hard-to-reach areas. Designed for use w/ high-speed die grinders



MBS#	Tool No.	Cutter Dia.	Length of Cut
<b>SERIES 7000G</b>			
7G116ADC	SG-1	1/4	5/8
7G116BDC	SG-1L	1/4	3/4
7G120ADC	SG-2	5/16	3/4
7G124ADC	SG-3	3/8	3/4
7G132ADC	SG-13	1/2	3/4
7G132BDC	SG-5	1/2	1"
7G140ADC	SG-6	5/8	1"
7G148ADC	SG-7	3/4	1"
7G148BDC	SG-15	3/4	1-1/2
<b>SERIES 7000GX</b>			
7GX116DC	SG-1L6	1/4	1/2
7GX124DC	SG-3L6	3/8	3/4
7GX132DC	SG-5L6	1/2	1"

**DRILLCO CUTTING TOOLS**  
**60° Included Carbide Burs**  
*Double Cut*

- Double cut for fine work. Designed for use on ferrous metals, plastic, fiberglass and other machinable materials. Great for deburring, sculpting and removing material in hard-to-reach areas. Designed for use w/ high-speed die grinders



MBS#	Tool No.	Cutter Dia.	Length of Cut
<b>SERIES 7000J</b>			
7J116ADC	SJ-1	1/4	3/16
7J120ADC	SJ-2	5/16	1/4
7J124ADC	SJ-3	3/8	1/4
7J132ADC	SJ-5	1/2	7/16
7J140ADC	SJ-6	5/8	1/2
7J148ADC	SJ-7	3/4	5/8
7J164ADC	SJ-9	1"	3/4

**DRILLCO CUTTING TOOLS**  
**90° Included Carbide Burs**  
*Double Cut*

- Double cut for fine work. Designed for use on ferrous metals, plastic, fiberglass and other machinable materials. Great for deburring, sculpting and removing material in hard-to-reach areas. Designed for use w/ high-speed die grinders



MBS#	Tool No.	Cutter Dia.	Length of Cut
<b>SERIES 7000K</b>			
7K116ADC	SK-1	1/4	1/8
7K120ADC	SK-2	5/16	3/16
7K124ADC	SK-3	3/8	3/16
7K132ADC	SK-5	1/2	1/4
7K140ADC	SK-6	5/8	5/16
7K148ADC	SK-7	3/4	3/8
7K164ADC	SK-9	1"	1/2

**DRILLCO CUTTING TOOLS**  
**Ball Shape Carbide Burs**  
*Double Cut*

- Double cut for fine work. Designed for use on ferrous metals, plastic, fiberglass and other machinable materials. Great for deburring, sculpting and removing material in hard-to-reach areas. Designed for use w/ high-speed die grinders



MBS#	Tool No.	Cutter Dia.	Length of Cut
<b>SERIES 7000D</b>			
7D108ADC	SD-12	1/8	1/8
7D112ADC	SD-14	3/16	3/16
7D116ADC	SD-1	1/4	1/4
7D120ADC	SD-2	5/16	5/16
7D124ADC	SD-3	3/8	3/8
7D128ADC	SD-4	7/16	7/16
7D132ADC	SD-5	1/2	1/2
7D140ADC	SD-6	5/8	5/8
7D148ADC	SD-7	3/4	3/4
7D164ADC	SD-9	1"	1"
<b>SERIES 7000DX</b>			
7DX116DC	SD-1L6	1/4	7/32
7DX124DC	SD-3L6	3/8	5/16
7DX132DC	SD-5L6	1/2	7/16



DRILLCO CUTTING TOOLS  
**Inverted Cone Carbide Burs**  
*Series7000N*  
*Double Cut*

- Double cut for fine work. Designed for use on ferrous metals, plastic, fiberglass and other machinable materials. Great for deburring, sculpting and removing material in hard-to-reach areas. Designed for use w/ high-speed die grinders



MBS#	Tool Number	Cutter Dia.	Length of Cut
7N116ADC	SN-1	1/4"	5/16"
7N124ADC	SN-2	3/8"	3/8"
7N132ADC	SN-4	1/2"	1/2"
7N140ADC	SN-6	5/8"	3/4"
7N148ADC	SN-7	3/4"	5/8"

DRILLCO CUTTING TOOLS  
**Inverted Cone End Cut Carbide Burs**  
*Series7000NE*  
*Double Cut*

- Double cut for fine work. Designed for use on ferrous metals, plastic, fiberglass and other machinable materials. Great for deburring, sculpting and removing material in hard-to-reach areas. Designed for use w/high-speed die grinders



MBS#	Tool Number	Cutter Dia.	Length of Cut
7N116EDC	SN-1E	1/4"	5/16"
7N124EDC	SN-2E	3/8"	3/8"
7N132EDC	SN-4E	1/2"	1/2"
7N148EDC	SN-7E	3/4"	5/8"