



ITM



CONSTRUCTION DRILLING AND CUTTING SOLUTIONS

WWW.ITMTOOLS.COM | (800) 247-5696 | SALES@ITMTOOLS.COM



Dear **ITM** Customer:

We are pleased to present you with our 2017 catalog. Here you will find tested and proven drilling and cutting products made by experts in the design, innovation, and manufacturing of power tool accessories. To be sure you are satisfied, we continuously test everything we sell against the latest construction materials, machines, and building processes. We invite you to visit our facility, and come test for yourself.

“Performance and quality control.”

In 1987, when we incorporated, International Tool Manufacturing stood for quality European made products. Today, almost 30% of our product volume is made in the USA, followed closely by Germany, France, England, Taiwan, and for some item categories, trusted and reputable factories in China. What has not changed is our focus on performance and quality.

“Value Added.”

Since 1987, our goal is to be your best singular source for industrial drilling products that satisfy all professional construction requirements. **ITM** offers many value added services including flexible credit terms, payment options, same-day shipping, technical training & support, private branding, application specific product adaptations, and a fantastic customer service experience.

“Anything that makes a hole.”

We employ both a process-based quality management system, and a rugged ERP system to stock, manage, and ship more than 4,000 items with a 99% same-day fill rate.

Our commitment remains the same:

FAST DELIVERY
OVER 4000 ITEMS
 99% of all orders are shipped the same day if received before 3 P.M., Eastern Time.

EASY ORDERING
 Order toll free, by fax, or email, either by part number or description. Our staff will quickly help you decide which product best fits your application. Order what you need, there is never a minimum order.

COMPLETE SATISFACTION
 Simple: all of your purchases must satisfy you completely, or we will issue you a refund, exchange, or credit.

ITM catalogs are always made with YOU in mind! We hope you find our catalog easy to use and our staff a valuable resource for your business.

Thank you for your business and patronage.

Call us. We are here to make your life a little bit easier.

Sincerely yours,

Berardo Paradiso
President - ITM Corp.

Alberic Paradiso
Bryan Markell
Gwen Rodgers
Jonathon Sessions
Desi Persaud
Annette Kempadoo
Marilyn Rodriguez
Pam Sullivan
Lidia Hilario



p.10 Two Tone Jobbers HSS 118° Point



p.10 Bright Finish Jobbers HSS 118° Point



p.11 Black Oxide Jobbers HSS 118° Point



p.11 Black Oxide Wire Gauge HSS 118° Point



p.12 Black Oxide Jobbers HSS 135° Split Point



p.12 Black Oxide Wire Gauge HSS 135° Split Point



p.13 Black Oxide Letter HSS 135° Split Point



p.13 Black Oxide Metric HSS 118° Point



p.14 Black Oxide Stub Length HSS 135° Split Point



p.15 Black Oxide Silver & Deming HSS 118° Point

BLACK
Oxide



p.17 Black & Gold Jobbers HSS 135° Split Point



p.17 Black & Gold Wire Gauge HSS 135° Split Point



p.18 Black & Gold Mechanics Length HSS 135° Split Point



p.19 Black & Gold Letter Size HSS 135° Split Point



p.19 Black & Gold Silver & Deming HSS 118° Split Point

Black & Gold



p.20 Cobalt Jobbers 135° Split Point



p.20 Cobalt Wire Gauge 135° Split Point



p.21 Cobalt Stub Length 135° Split Point



p.21 Cobalt Silver & Deming 118° Split Point

Cobalt



p.22 Titanium (TiN) Jobbers HSS 135° Split Point



p.22 Spotweld Double End Drills



p.22 Double End Drills 135° Split Point



p.23 Aircraft HSS 135° Split Point (6", 12" & 18" Long)



p.24 MRO Black & Gold Jobbers 135° Split Point



p.25 MRO Black & Gold Wire Gauge 135° Split Point



p.26 Parabolic Jobbers 135° Split Point



p.26 Cobalt Jobbers 135° Split Point

Made In



p.27 Bullet Case Drill Bit Sets



p.28+ Metal Drill Bit Sets / Dispenser





Tap & Drill Sets	p.30	
Counter Sinks	p.32	
Screw Extractors	p.32	
Taps, Carbon Steel	p.34	
Taps, HSS	p.35	
Taps, NPT	p.36	
Hand Tap Wrenches	p.36	
Combo Drill Taps	p.37	
Spiral Point (Gun) Taps	p.37	
Wire Brushes	p.38	
Rednut Wire Cup Adaptor	p.38	
Burs - Solid Carbide	p.40	
Step Drills HSS	p.42	
Reamers	p.43+	
Annular Cutters HSS	p.46	
T.C.T. Annular Cutters	p.47	
T.C.T. Hole Cutters	p.48	
Composite Cutters	p.50	
Bell Hanger Drills (Fish Hole Drills) HSS & Carbide Tipped	p.51	
Electrician's Flex Bits (Stretch Bits)	p.52	
Long Boy Drills HSS (12" & 18")	p.53	
Brad Point Wood Drills	p.53	



p.54 Spade Drills



p.55 Self Feed (Multispur) Wood Drills



p.55 Extensions (For Ship Augers / Multispur)



p.56 Power Pole Auger Drills



p.57 Ship Auger Wood Drills (8" & 18" Long)



p.58 Single Spur / Double Spur Wood Drills



p.59 Circular Saw Blades - Wood



p.60 Hole Saws - Bi-Metal



p.61 Hole Saw Kits



p.62 Hole Saws - Carbide Tipped



p.63 Hole Saws - Carbide Grit



p.64 Pilot Drills & Accessories



p.65 Arbors



p.66 Reciprocating Blades - Bi-Metal



p.67 Reciprocating Blades - Bi-Metal Heavy Duty & Demolition



p.68 Reciprocating Blades - Retail Packs



p.70 Jig Saw Blades - Bi-Metal



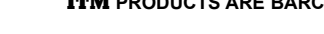
p.71 Hack-Saw Blades - Bi-Metal



p.71 Band-Saw Blades - Bi-Metal



p.72 Metal Display Racks



p.74 V-Groove+



p.74 Glass Drills

p.75 Multi Purpose Drills - Carbide

p.75 Hard Steel Drills - Cast Iron / Safes



Masonry Drills - Black Oxide - Slow Spiral

p.76



Roto Percussion Masonry Drills

p.77



SDS-Max Hammer Drills

p.79



Spline Hammer Drills

p.80



Tunnel Bore Drills

p.82



Ratio Drilling System

p.83



Core Drills - Taper Shanks

p.84



Core Drills - 1 Piece

p.85



SDS-Plus Redline

p.87



SDS-Plus Bohr Hammer

p.88



SDS-Plus Tri-Cutter

p.90



SDS-Plus Evolution

p.91



SDS-Plus X-Cutter

p.92



SDS+ Stop

p.92



Tap-Con Drills

p.93



SDS-HEX Hammer Drills

p.93



Concrete Screw Sleeve

p.93



Extension Systems / Adapters

p.94



Rebar Cutters

p.95



Chisels

p.96





p.98 Diamond Core Bits



p.99+ Diamond Cutting Wheels



p.102+ Screwdriver Bits



p.108 Bit Holders



p.109 Nut Setters - Magnetic / Impact Protection



p.111 Screwdrivers & Sets



p.113 Screwdriver - MEGAPRO



p.114 Sockets (Magnetic Impact) & Drivers



p.116 Plastic Anchors

p.117 Plastic Anchor Kits



p.118 Cable Ties



p.119 Metal Anchors



p.120 Utility Knives and Accessories

ITM PRODUCTS ARE BARCODED FOR YOUR CONVENIENCE.

Terms Of Sale

Terms: 2% 10 Days, Net 30 Days. All credit cards welcome.

Credit: Open account privileges are extended to any firm that is satisfactorily rated. New accounts should submit at least 3 commercial references including all contact information and their tax resale number.

Quantities: Although there is no minimum purchase order, we reserve the right to adjust any order to the minimum packaged quantities indicated in catalog.

Freight: Prepaid for NET invoices equaling \$600 or more.

EFFECTIVE October 1, 2016.



expertise

because drilling solutions

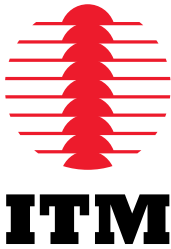


Aqua, Chicago



Icon Brickell, Miami

can be out of the ordinary





HSS TOOL DATA

Suggested Drill Bits To Be used For Various Types Of Materials:

MATERIAL	DRILL STYLE	ANGLE POINT	PRESSURE TO APPLY	COOLANT OR LUBRICANT
CARBON STEEL DUCTILE STEEL BRASS BRONZE	GENERAL PURPOSE DRILLS	118° POINT	MEDIUM TO HEAVY	OIL or WATER SOLUTION
CARBON STEEL ALUMINUM AUSTENETIC STAINLESS STEEL	HEAVY DUTY AND TITANIUM	135° SPLIT POINT	MEDIUM TO HEAVY	OIL or ACTIVATED SOLUTION
STAINLESS STEEL SERIES C CAST IRON	COBALT DRILLS	135° SPLIT POINT	MEDIUM TO HEAVY	OIL or ACTIVATED SOLUTION
HARD STEEL HEAT TREATED ALLOYS	HARD BODY CARBIDE TIPPED AND COBALT	130° & 135° SPLIT POINT	HEAVY	OIL or ACTIVATED SOLUTION

Chemical Analysis Of The Three Primary High Speed Steels Used To Manufacture HSS Drill Bits:

TYPE	CHEMICAL COMPOSITION						ROCKWELL C HARDNESS	TERM
	CARBON	TUNGSTEN	MOLYBDENUM	CHROMIUM	VANADIUM	COBALT		
M2	0.85	6.00	5.00	4.00	1.90	-	63-65	HSS
M35	1.10	1.50	9.50	1.15	1.15	5.00	65-67	COBALT
M42	1.10	1.50	9.50	1.15	1.15	8.00	65-67	SUPER COBALT

M2 "HSS" is the standard material used for all **ITM** drill bits. M2 has good red-hardness and retains its cutting edge longer than other general purpose high speed steels because of its increased quantity of tungsten (dull red heat up to 1000° F without loss of hardness or rapid dulling of cutting edge).
M2 is generally favored for high production machine work.

M35 M35 is the standard cobalt material used for most **ITM** cobalt drill bits. M35 has excellent resistance to abrasion and very good red-hardness for working difficult materials.

M42 M42 "Super Cobalt" is American made premium cobalt material used for higher performance **ITM** cobalt drill bits. M42 has the best resistance to abrasion and red-hardness.

COBALT DRILLS

Made of the finest Cobalt steel obtainable and furnished with a 135° split point, these drills are designed for use in machining hard, tough materials beyond the normal cutting capabilities of regular high speed steel tools. These include work-hardening grades of stainless steels, titanium, high temperature alloys, and many other heat treated materials. In addition, due to their resistant properties, they can also be used at higher speeds to drill abrasive plastics, cast iron, and other types of difficult to machine work materials.

THE TITANIUM ADVANTAGE

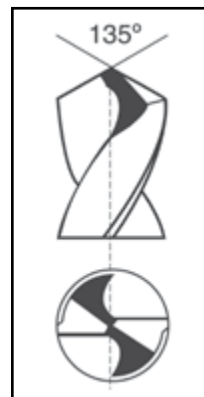
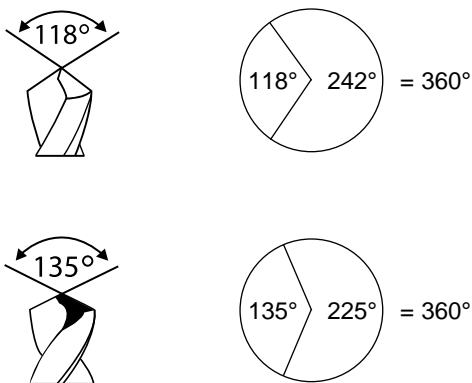
The Titanium Nitrate coating extends the life of the twist drill by up to 4 times. Titanium drills are mostly used in production because of their extended life. The Titanium Nitrate coating acts as a THERMAL BARRIER between the high speed drill and the material being drilled. This feature improves the speed and the drilling time by 40% to 50% over a standard HSS drill bit. Titanium drills are manufactured with a 135° split point for fast penetration and accurate starting without the use of a center punch. The precision ground point, flute, body clearances, and drill diameters are especially designed for ultimate accuracy and performance.



Always Use Protection When Drilling.

HSS TOOL DATA

Understanding High Speed Steel Drill Bits:



Split Point

An extra cutting angle on the 2 cutting edges of a drill bit.

Split Point is designated here in black.

Split Pointing is almost always reserved for 135° HSS drill bits.

118° drill bits have a sharp point and are common on standard / general purpose drill bits where light duty work is needed. Because of this sharp point, 118° drill bits will tend to “walk” or spin like a top on flat surfaces. This is why a centering drill or center punch is normally used to start off holes. If the operator has very steady hands, then the 118° drill bit can be used without center punching.

135° drill bits have a flatter point which gives the drill bit more cutting surface area. When more surface area cuts the steel, drilling is faster.



Understanding Nomenclature Vis-a-vis Size:

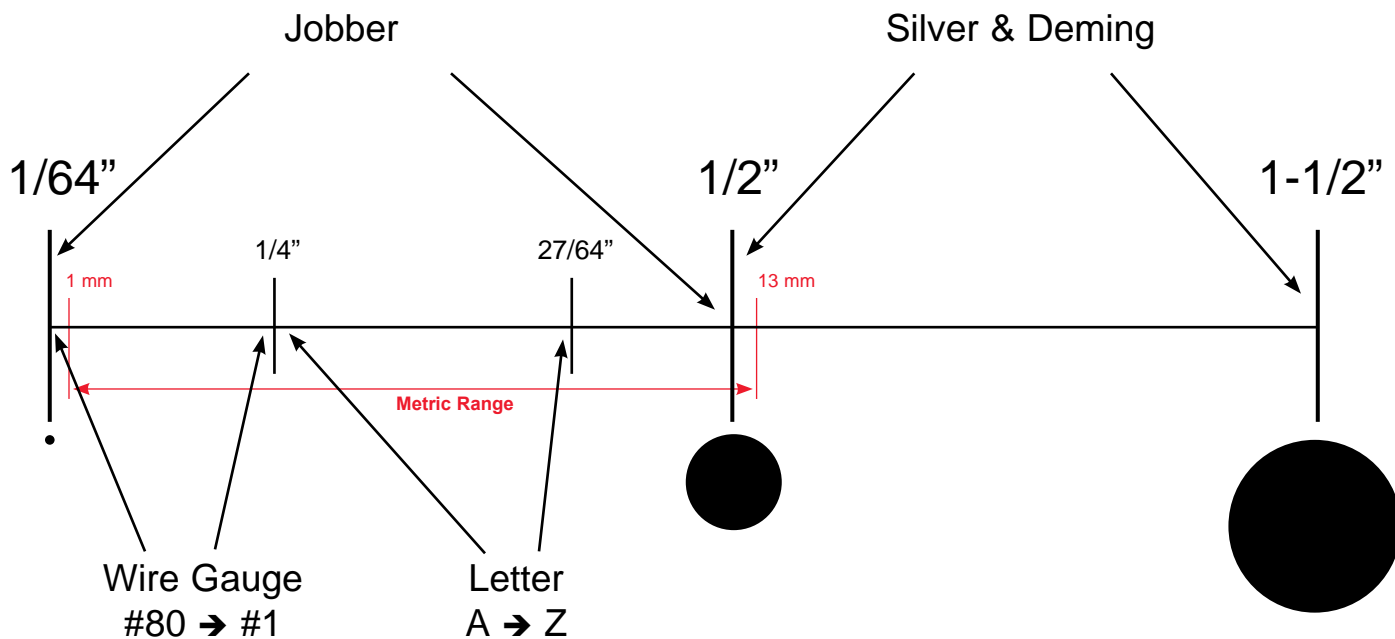


Chart Not To Scale.



Jobber Drills - General Purpose - TWO TONE FINISH M2 HSS

- ◆ Jobber Length
- ◆ 118° Point
- ◆ General Purpose
- ◆ Roll Forged
- ◆ Straight Shank
- ◆ Two Tone Finish
- ◆ M2 HSS

- ➔ Cast Iron
- ➔ Steel
- ➔ Steel Forging
- ➔ Light to Medium Materials

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
200HS0464	1/16"	.0625	1-7/8"	7/8"	12	200HS1964	19/64"	.2969	4-3/8"	3-1/16"	12
200HS0564	5/64"	.0781	2"	1"	12	200HS2064	5/16"	.3125	4-1/2"	3-3/16"	12
200HS0664	3/32"	.0938	2-1/4"	1-1/4"	12	200HS2164	21/64"	.3281	4-5/8"	3-5/16"	6
200HS0764	7/64"	.1094	2-5/8"	1-1/2"	12	200HS2264	11/32"	.3438	4-3/4"	3-7/16"	6
200HS0864	1/8"	.1250	2-3/4"	1-5/8"	12	200HS2364	23/64"	.3594	4-7/8"	3-1/2"	6
200HS0964	9/64"	.1406	2-7/8"	1-3/4"	12	200HS2464	3/8"	.3750	5"	3-5/8"	6
200HS1064	5/32"	.1562	3-1/8"	2"	12	200HS2564	25/64"	.3906	5-1/8"	3-3/4"	6
200HS1164	11/64"	.1719	3-1/4"	2-1/8"	12	200HS2664	13/32"	.4062	5-1/4"	3-1/8"	6
200HS1264	3/16"	.1875	3-1/2"	2-5/16"	12	200HS2764	27/64"	.4219	5-3/8"	3-15/16"	6
200HS1364	13/64"	.2031	3-5/8"	2-7/16"	12	200HS2864	7/16"	.4375	5-1/2"	4-1/16"	6
200HS1464	7/32"	.2188	3-3/4"	2-1/2"	12	200HS2964	29/64"	.4531	5-5/8"	4-3/16"	6
200HS1564	15/64"	.2344	3-7/8"	2-5/8"	12	200HS3064	15/32"	.4688	5-3/4"	4-5/16"	6
200HS1664	1/4"	.2500	4"	2-3/4"	12	200HS3164	31/64"	.4844	5-7/8"	4-3/8"	6
200HS1764	17/64"	.2656	4-1/8"	2-7/8"	12	200HS3264	1/2"	.5000	6"	4-1/2"	6
200HS1864	9/32"	.2812	4-1/4"	2-15/16"	12						



Jobber Drills - General Purpose - BRIGHT FINISH M2 HSS

- ◆ Jobber Length
- ◆ 118° Point
- ◆ General Purpose
- ◆ Ground Flute
- ◆ Straight Shank
- ◆ Bright Finish
- ◆ M2 HSS

- ➔ Cast Iron
- ➔ Steel
- ➔ Steel Forging
- ➔ Light to Medium Materials

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
250US0164	1/64"	.0156	3/4"	3/16"	12	250US1764	17/64"	.2656	4-1/8"	2-7/8"	12
250US0264	1/32"	.0312	1-3/8"	1/2"	12	250US1864	9/32"	.2812	4-1/4"	2-15/16"	12
250US0364	3/64"	.0469	1-3/4"	3/4"	12	250US1964	19/64"	.2969	4-3/8"	3-1/16"	12
250US0464	1/16"	.0625	1-7/8"	7/8"	12	250US2064	5/16"	.3125	4-1/2"	3-3/16"	12
250US0564	5/64"	.0781	2"	1"	12	250US2164	21/64"	.3281	4-5/8"	3-5/16"	6
250US0664	3/32"	.0938	2-1/4"	1-1/4"	12	250US2264	11/32"	.3438	4-3/4"	3-7/16"	6
250US0764	7/64"	.1094	2-5/8"	1-1/2"	12	250US2364	23/64"	.3594	4-7/8"	3-1/2"	6
250US0864	1/8"	.1250	2-3/4"	1-5/8"	12	250US2464	3/8"	.3750	5"	3-5/8"	6
250US0964	9/64"	.1406	2-7/8"	1-3/4"	12	250US2564	25/64"	.3906	5-1/8"	3-3/4"	6
250US1064	5/32"	.1562	3-1/8"	2"	12	250US2664	13/32"	.4062	5-1/4"	3-1/8"	6
250US1164	11/64"	.1719	3-1/4"	2-1/8"	12	250US2764	27/64"	.4219	5-3/8"	3-15/16"	6
250US1264	3/16"	.1875	3-1/2"	2-5/16"	12	250US2864	7/16"	.4375	5-1/2"	4-1/16"	6
250US1364	13/64"	.2031	3-5/8"	2-7/16"	12	250US2964	29/64"	.4531	5-5/8"	4-3/16"	6
250US1464	7/32"	.2188	3-3/4"	2-1/2"	12	250US3064	15/32"	.4688	5-3/4"	4-5/16"	6
250US1564	15/64"	.2344	3-7/8"	2-5/8"	12	250US3164	31/64"	.4844	5-7/8"	4-3/8"	6
250US1664	1/4"	.2500	4"	2-3/4"	12	250US3264	1/2"	.5000	6"	4-1/2"	6



Jobber Drills - General Purpose - BLACK FINISH M2 HSS

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
200BF0464	1/16"	.0625	1-7/8"	7/8"	12	200BF1964	19/64"	.2969	4-3/8"	3-1/16"	12
200BF0564	5/64"	.0781	2"	1"	12	200BF2064	5/16"	.3125	4-1/2"	3-3/16"	12
200BF0664	3/32"	.0938	2-1/4"	1-1/4"	12	200BF2164	21/64"	.3281	4-5/8"	3-5/16"	6
200BF0764	7/64"	.1094	2-5/8"	1-1/2"	12	200BF2264	11/32"	.3438	4-3/4"	3-7/16"	6
200BF0864	1/8"	.1250	2-3/4"	1-5/8"	12	200BF2364	23/64"	.3594	4-7/8"	3-1/2"	6
200BF0964	9/64"	.1406	2-7/8"	1-3/4"	12	200BF2464	3/8"	.3750	5"	3-5/8"	6
200BF1064	5/32"	.1562	3-1/8"	2"	12	200BF2564	25/64"	.3906	5-1/8"	3-3/4"	6
200BF1164	11/64"	.1719	3-1/4"	2-1/8"	12	200BF2664	13/32"	.4062	5-1/4"	3-7/8"	6
200BF1264	3/16"	.1875	3-1/2"	2-5/16"	12	200BF2764	27/64"	.4219	5-3/8"	3-15/16"	6
200BF1364	13/64"	.2031	3-5/8"	2-7/16"	12	200BF2864	7/16"	.4375	5-1/2"	4-1/16"	6
200BF1464	7/32"	.2188	3-3/4"	2-1/2"	12	200BF2964	29/64"	.4531	5-5/8"	4-3/16"	6
200BF1564	15/64"	.2344	3-7/8"	2-5/8"	12	200BF3064	15/32"	.4688	5-3/4"	4-5/16"	6
200BF1664	1/4"	.2500	4"	2-3/4"	12	200BF3164	31/64"	.4844	5-7/8"	4-3/8"	6
200BF1764	17/64"	.2656	4-1/8"	2-7/8"	12	200BF3264	1/2"	.5000	6"	4-1/2"	6
200BF1864	9/32"	.2812	4-1/4"	2-15/16"	12						

- ◆ Jobber Length
- ◆ 118° Point
- ◆ General Purpose
- ◆ Roll Forged
- ◆ Straight Shank
- ◆ Black Oxide Finish
- ◆ M2 HSS

- Cast Iron
- Steel
- Steel Forging
- Light to Medium Materials



Wire Gauge Drills - General Purpose - BLACK FINISH M2 HSS

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
203HS0001	1	.2280	3-7/8"	2-5/8"	12	203HS0031	31	.1200	2-3/4"	1-5/8"	12
203HS0002	2	.2210	3-7/8"	2-5/8"	12	203HS0032	32	.1160	2-3/4"	1-5/8"	12
203HS0003	3	.2130	3-3/4"	2-1/2"	12	203HS0033	33	.1130	2-5/8"	1-1/2"	12
203HS0004	4	.2090	3-3/4"	2-1/2"	12	203HS0034	34	.1110	2-5/8"	1-1/2"	12
203HS0005	5	.2055	3-3/4"	2-1/2"	12	203HS0035	35	.1100	2-5/8"	1-1/2"	12
203HS0006	6	.2040	3-3/4"	2-1/2"	12	203HS0036	36	.1065	2-1/2"	1-7/16"	12
203HS0007	7	.2010	3-5/8"	2-7/16"	12	203HS0037	37	.1040	2-1/2"	1-7/16"	12
203HS0008	8	.1990	3-5/8"	2-7/16"	12	203HS0038	38	.1015	2-1/2"	1-7/16"	12
203HS0009	9	.1960	3-5/8"	2-7/16"	12	203HS0039	39	.0995	2-3/8"	1-3/8"	12
203HS0010	10	.1935	3-5/8"	2-7/16"	12	203HS0040	40	.0980	2-3/8"	1-3/8"	12
203HS0011	11	.1910	3-1/2"	2-5/16"	12	203HS0041	41	.0960	2-3/8"	1-3/8"	12
203HS0012	12	.1890	3-1/2"	2-5/16"	12	203HS0042	42	.0935	2-1/4"	1-1/4"	12
203HS0013	13	.1850	3-1/2"	2-5/16"	12	203HS0043	43	.0890	2-1/4"	1-1/4"	12
203HS0014	14	.1820	3-3/8"	2-3/16"	12	203HS0044	44	.0860	2-1/8"	1-1/8"	12
203HS0015	15	.1800	3-3/8"	2-3/16"	12	203HS0045	45	.0820	2-1/8"	1-1/8"	12
203HS0016	16	.1770	3-3/8"	2-3/16"	12	203HS0046	46	.0810	2-1/8"	1-1/8"	12
203HS0017	17	.1730	3-3/8"	2-3/16"	12	203HS0047	47	.0785	2"	1"	12
203HS0018	18	.1695	3-1/4"	2-1/8"	12	203HS0048	48	.0760	2"	1"	12
203HS0019	19	.1660	3-1/4"	2-1/8"	12	203HS0049	49	.0730	2"	1"	12
203HS0020	20	.1610	3-1/4"	2-1/8"	12	203HS0050	50	.0700	2"	1"	12
203HS0021	21	.1590	3-1/4"	2-1/8"	12	203HS0051	51	.0670	2"	1"	12
203HS0022	22	.1570	3-1/8"	2"	12	203HS0052	52	.0635	1-7/8"	7/8"	12
203HS0023	23	.1540	3-1/8"	2"	12	203HS0053	53	.0595	1-7/8"	7/8"	12
203HS0024	24	.1520	3-1/8"	2"	12	203HS0054	54	.0550	1-7/8"	7/8"	12
203HS0025	25	.1495	3"	1-7/8"	12	203HS0055	55	.0520	1-7/8"	7/8"	12
203HS0026	26	.1470	3"	1-7/8"	12	203HS0056	56	.0465	1-3/4"	3/4"	12
203HS0027	27	.1440	3"	1-7/8"	12	203HS0057	57	.0430	1-3/4"	3/4"	12
203HS0028	28	.1405	2-7/8"	1-3/4"	12	203HS0058	58	.0420	1-5/8"	11/16"	12
203HS0029	29	.1360	2-7/8"	1-3/4"	12	203HS0059	59	.0410	1-5/8"	11/16"	12
203HS0030	30	.1285	2-3/4"	1-5/8"	12	203HS0060	60	.0400	1-5/8"	11/16"	12

- ◆ Wire Gauge
- ◆ 118° Point
- ◆ General Purpose
- ◆ Roll Forged
- ◆ Straight Shank
- ◆ Black Oxide Finish
- ◆ M2 HSS

- Cast Iron
- Steel
- Steel Forging
- Light to Medium Materials



AVAILABLE:
SIZES 61 → 80
List \$1.75



Jobber Drills - HEAVY DUTY - BLACK OXIDE FINISH M2 HSS

- ◆ Jobber Length
- ◆ 135° Split Point
- ◆ Ground Flute
- ◆ Straight Shank
- ◆ Heavy Duty Web
- ◆ Black Oxide Finish
- ◆ M2 HSS
- ➔ Cast Iron
- ➔ Steel
- ➔ Steel Forging
- ➔ Light Gauge Stainless Steel

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
206SP0464	1/16"	.0625	1-7/8"	7/8"	12	206SP1964	19/64"	.2969	4-3/8"	3-1/16"	12
206SP0564	5/64"	.0781	2"	1"	12	206SP2064	5/16"	.3125	4-1/2"	3-3/16"	12
206SP0664	3/32"	.0938	2-1/4"	1-1/4"	12	206SP2164	21/64"	.3281	4-5/8"	3-5/16"	6
206SP0764	7/64"	.1094	2-5/8"	1-1/2"	12	206SP2264	11/32"	.3438	4-3/4"	3-7/16"	6
206SP0864	1/8"	.1250	2-3/4"	1-5/8"	12	206SP2364	23/64"	.3594	4-7/8"	3-1/2"	6
206SP0964	9/64"	.1406	2-7/8"	1-3/4"	12	206SP2464	3/8"	.3750	5"	3-5/8"	6
206SP1064	5/32"	.1562	3-1/8"	2"	12	206SP2564	25/64"	.3906	5-1/8"	3-3/4"	6
206SP1164	11/64"	.1719	3-1/4"	2-1/8"	12	206SP2664	13/32"	.4062	5-1/4"	3-7/8"	6
206SP1264	3/16"	.1875	3-1/2"	2-5/16"	12	206SP2764	27/64"	.4219	5-3/8"	3-15/16"	6
206SP1364	13/64"	.2031	3-5/8"	2-7/16"	12	206SP2864	7/16"	.4375	5-1/2"	4-1/16"	6
206SP1464	7/32"	.2188	3-3/4"	2-1/2"	12	206SP2964	29/64"	.4531	5-5/8"	4-3/16"	6
206SP1564	15/64"	.2344	3-7/8"	2-5/8"	12	206SP3064	15/32"	.4688	5-3/4"	4-5/16"	6
206SP1664	1/4"	.2500	4"	2-3/4"	12	206SP3164	31/64"	.4844	5-7/8"	4-3/8"	6
206SP1764	17/64"	.2656	4-1/8"	2-7/8"	12	206SP3264	1/2"	.5000	6"	4-1/2"	6
206SP1864	9/32"	.2812	4-1/4"	2-15/16"	12						



Wire Gauge Drills - HEAVY DUTY - BLACK OXIDE FINISH M2 HSS

- ◆ Wire Gauge
- ◆ 135° Split Point
- ◆ Ground Flute
- ◆ Straight Shank
- ◆ Heavy Duty Web
- ◆ Black Oxide Finish
- ◆ M2 HSS
- ➔ Cast Iron
- ➔ Steel
- ➔ Steel Forging
- ➔ Light Gauge Stainless Steel

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
207SP0001	1	.2280	3-7/8"	2-5/8"	12	207SP0031	31	.1200	2-3/4"	1-5/8"	12
207SP0002	2	.2210	3-7/8"	2-5/8"	12	207SP0032	32	.1160	2-3/4"	1-5/8"	12
207SP0003	3	.2130	3-3/4"	2-1/2"	12	207SP0033	33	.1130	2-5/8"	1-1/2"	12
207SP0004	4	.2090	3-3/4"	2-1/2"	12	207SP0034	34	.1110	2-5/8"	1-1/2"	12
207SP0005	5	.2055	3-3/4"	2-1/2"	12	207SP0035	35	.1100	2-5/8"	1-1/2"	12
207SP0006	6	.2040	3-3/4"	2-1/2"	12	207SP0036	36	.1065	2-1/2"	1-7/16"	12
207SP0007	7	.2010	3-5/8"	2-7/16"	12	207SP0037	37	.1040	2-1/2"	1-7/16"	12
207SP0008	8	.1990	3-5/8"	2-7/16"	12	207SP0038	38	.1015	2-1/2"	1-7/16"	12
207SP0009	9	.1960	3-5/8"	2-7/16"	12	207SP0039	39	.0995	2-3/8"	1-3/8"	12
207SP0010	10	.1935	3-5/8"	2-7/16"	12	207SP0040	40	.0980	2-3/8"	1-3/8"	12
207SP0011	11	.1910	3-1/2"	2-5/16"	12	207SP0041	41	.0960	2-3/8"	1-3/8"	12
207SP0012	12	.1890	3-1/2"	2-5/16"	12	207SP0042	42	.0935	2-1/4"	1-1/4"	12
207SP0013	13	.1850	3-1/2"	2-5/16"	12	207SP0043	43	.0890	2-1/4"	1-1/4"	12
207SP0014	14	.1820	3-3/8"	2-3/16"	12	207SP0044	44	.0860	2-1/8"	1-1/8"	12
207SP0015	15	.1800	3-3/8"	2-3/16"	12	207SP0045	45	.0820	2-1/8"	1-1/8"	12
207SP0016	16	.1770	3-3/8"	2-3/16"	12	207SP0046	46	.0810	2-1/8"	1-1/8"	12
207SP0017	17	.1730	3-3/8"	2-3/16"	12	207SP0047	47	.0785	2"	1"	12
207SP0018	18	.1695	3-1/4"	2-1/8"	12	207SP0048	48	.0760	2"	1"	12
207SP0019	19	.1660	3-1/4"	2-1/8"	12	207SP0049	49	.0730	2"	1"	12
207SP0020	20	.1610	3-1/4"	2-1/8"	12	207SP0050	50	.0700	2"	1"	12
207SP0021	21	.1590	3-1/4"	2-1/8"	12	207SP0051	51	.0670	2"	1"	12
207SP0022	22	.1570	3-1/8"	2"	12	207SP0052	52	.0635	1-7/8"	7/8"	12
207SP0023	23	.1540	3-1/8"	2"	12	207SP0053	53	.0595	1-7/8"	7/8"	12
207SP0024	24	.1520	3-1/8"	2"	12	207SP0054	54	.0550	1-7/8"	7/8"	12
207SP0025	25	.1495	3"	1-7/8"	12	207SP0055	55	.0520	1-7/8"	7/8"	12
207SP0026	26	.1470	3"	1-7/8"	12	207SP0056	56	.0465	1-3/4"	3/4"	12
207SP0027	27	.1440	3"	1-7/8"	12	207SP0057	57	.0430	1-3/4"	3/4"	12
207SP0028	28	.1405	2-7/8"	1-3/4"	12	207SP0058	58	.0420	1-5/8"	11/16"	12
207SP0029	29	.1360	2-7/8"	1-3/4"	12	207SP0059	59	.0410	1-5/8"	11/16"	12
207SP0030	30	.1285	2-3/4"	1-5/8"	12	207SP0060	60	.0400	1-5/8"	11/16"	12



NOTE:
SIZES 40 → 60
HAVE NO
SPLIT POINT.



Jobber Drills - HEAVY DUTY 3/8" Shank - BLACK OXIDE FINISH M2 HSS

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
206R82564	25/64"	.3906	5-1/8"	3-3/4"	6	206R82964	29/64"	.4531	5-5/8"	4-3/16"	6
206R82664	13/32"	.4062	5-1/4"	3-1/8"	6	206R83064	15/32"	.4688	5-3/4"	4-5/16"	6
206R82764	27/64"	.4219	5 -3/8"	3-15/16"	6	206R83164	31/64"	.4844	5-7/8"	4-3/8"	6
206R82864	7/16"	.4375	5-1/2"	4-1/16"	6	206R83264	1/2"	.5000	6"	4-1/2"	6

◆ Same as 206SP with 3/8" Shank.



Letter Drills - HEAVY DUTY - BLACK OXIDE FINISH M2 HSS

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
208SP000A	A	.2340	3-7/8"	2-5/8"	12	208SP000N	N	.3020	4-3/8"	3-1/16"	6
208SP000B	B	.2380	4"	2-3/4"	12	208SP000O	O	.3160	4-1/2"	3-3/16"	6
208SP000C	C	.2420	4"	2-3/4"	12	208SP000P	P	.3230	4-5/8"	3-5/16"	6
208SP000D	D	.2460	4"	2-3/4"	12	208SP000Q	Q	.3320	4-3/4"	3-7/16"	6
208SP000E	E	.2500	4"	2-3/4"	12	208SP000R	R	.3390	4-3/4"	3-7/16"	6
208SP000F	F	.2570	4-1/8"	2-7/8"	12	208SP000S	S	.3480	4-7/8"	3-1/2"	6
208SP000G	G	.2610	4-1/8"	2-7/8"	12	208SP000T	T	.3580	4-7/8"	3-1/2"	6
208SP000H	H	.2660	4-1/8"	2-7/8"	12	208SP000U	U	.3680	5"	3-5/8"	6
208SP000I	I	.2720	4-1/8"	2-7/8"	12	208SP000V	V	.3770	5"	3-5/8"	6
208SP000J	J	.2770	4-1/8"	2-7/8"	12	208SP000W	W	.3860	5-1/8"	3-3/4"	6
208SP000K	K	.2810	4-1/4"	2-15/16"	12	208SP000X	X	.3970	5-1/8"	3-3/4"	6
208SP000L	L	.2900	4-1/4"	2-15/16"	6	208SP000Y	Y	.4040	5-1/4"	3-7/8"	6
208SP000M	M	.2950	4-3/8"	3-1/16"	6	208SP000Z	Z	.4130	5-1/4"	3-7/8"	6

- ◆ Jobber Length
- ◆ 135° Split Point
- ◆ Ground Flute
- ◆ Straight Shank
- ◆ Heavy Duty Web
- ◆ Black Oxide Finish
- ◆ M2 HSS

- Cast Iron
- Steel
- Steel Forging
- Light Gauge Stainless Steel



Metric Drills - General Purpose - BLACK OXIDE FINISH M2 HSS

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
205HS0010	1	.0393	41	18	12	205HS0075	7.5	.2953	111	78	12
205HS0015	1.5	.0591	48	22	12	205HS0080	8	.3150	114	81	12
205HS0020	2	.0787	54	29	12	205HS0085	8.5	.3346	121	87	6
205HS0025	2.5	.0984	60	35	12	205HS0090	9	.3543	124	89	6
205HS0030	3	.1181	70	41	12	205HS0095	9.5	.3740	127	92	6
205HS0035	3.5	.1378	73	45	12	205HS0100	10	.3937	130	95	6
205HS0040	4	.1575	83	54	12	205HS0105	10.5	.4134	137	100	6
205HS0045	4.5	.1772	86	56	12	205HS0110	11	.4331	140	103	6
205HS0050	5	.1969	92	62	12	205HS0115	11.5	.4528	143	106	6
205HS0055	5.5	.2165	95	64	12	205HS0120	12	.4724	150	111	6
205HS0060	6	.2362	102	70	12	205HS0125	12.5	.4921	152	114	6
205HS0065	6.5	.2559	105	73	12	205HS0130	13	.5118	168	122	6
205HS0070	7	.2756	105	73	12						

- ◆ Metric Size
- ◆ 118° Point
- ◆ General Purpose
- ◆ Roll Forged
- ◆ Straight Shank
- ◆ Black Oxide Finish
- ◆ M2 HSS

- Cast Iron
- Steel
- Steel Forging
- Light to Medium Materials



- ◆ Stub Length
- ◆ 135° Split Point
- ◆ Ground Flute
- ◆ Straight Shank
- ◆ Heavy Duty Web
- ◆ Black Oxide Finish
- ◆ M2 HSS
- Cast Iron
- Steel
- Steel Forging
- Stainless Steel
- Sheet Metal
- Automotive



STUB Fractional - HEAVY DUTY

Part #	Size	Dec.	OAL	Flute	Qty.
209SM0464	1/16"	.0625	1-5/8"	5/8"	12
209SM0564	5/64"	.0781	1-11/16"	11/16"	12
209SM0664	3/32"	.0938	1-3/4"	3/4"	12
209SM0764	7/64"	.1094	1-13/16"	13/16"	12
209SM0864	1/8"	.1250	1-7/8"	7/8"	12
209SM0964	9/64"	.1406	1-15/16"	15/16"	12
209SM1064	5/32"	.1562	2-1/16"	1"	12
209SM1164	11/64"	.1719	2-1/8"	1-1/16"	12
209SM1264	3/16"	.1875	2-3/16"	1-1/8"	12
209SM1364	13/64"	.2031	2-1/4"	1-3/16"	12
209SM1464	7/32"	.2188	2-3/8"	1-1/4"	12
209SM1564	15/64"	.2344	2-7/16"	1-5/16"	12
209SM1664	1/4"	.2500	2-1/2"	1-3/8"	12
209SM1764	17/64"	.2656	2-5/8"	1-7/16"	12
209SM1864	9/32"	.2812	2-11/16"	1-1/2"	12
209SM1964	19/64"	.2969	2-3/4"	1-9/16"	12
209SM2064	5/16"	.3125	2-13/16"	1-5/8"	12
209SM2164	21/64"	.3281	2-15/16"	1-11/16"	6
209SM2264	11/32"	.3438	3"	1-11/16"	6
209SM2364	23/64"	.3594	3-1/16"	1-3/4"	6
209SM2464	3/8"	.3750	3-1/8"	1-13/16"	6
209SM2564	25/64"	.3906	3-1/4"	1-7/8"	6
209SM2664	13/32"	.4062	3-5/16"	1-15/16"	6
209SM2764	27/64"	.4219	3-3/8"	2"	6
209SM2864	7/16"	.4375	3-7/16"	2-1/16"	6
209SM2964	29/64"	.4531	3-9/16"	2-1/8"	6
209SM3064	15/32"	.4688	3-5/8"	2-1/8"	6
209SM3164	31/64"	.4844	3-11/16"	2-3/16"	6
209SM3264	1/2"	.5000	3-3/4"	2-1/4"	6



STUB Wire Gauge - HEAVY DUTY

Part #	Size	Dec.	OAL	Flute	Qty.
210SM0001	1	.2280	2-7/16"	1-15/16"	12
210SM0002	2	.2210	2-7/16"	1-15/16"	12
210SM0003	3	.2130	2-3/8"	1-1/4"	12
210SM0004	4	.2090	2-3/8"	1-1/4"	12
210SM0005	5	.2055	2-3/8"	1-1/4"	12
210SM0006	6	.2040	2-3/8"	1-1/4"	12
210SM0007	7	.2010	2-1/4"	1-3/16"	12
210SM0008	8	.1990	2-1/4"	1-3/16"	12
210SM0009	9	.1960	2-1/4"	1-3/16"	12
210SM0010	10	.1935	2-1/4"	1-3/16"	12
210SM0011	11	.1910	2-1/4"	1-3/16"	12
210SM0012	12	.1890	2-1/4"	1-3/16"	12
210SM0013	13	.1850	2-3/16"	1-1/8"	12
210SM0014	14	.1820	2-3/16"	1-1/8"	12
210SM0015	15	.1800	2-3/16"	1-1/8"	12
210SM0016	16	.1770	2-3/16"	1-1/8"	12
210SM0017	17	.1730	2-3/16"	1-1/8"	12
210SM0018	18	.1695	2-1/8"	1-1/16"	12
210SM0019	19	.1660	2-1/8"	1-1/16"	12
210SM0020	20	.1610	2-1/8"	1-1/16"	12
210SM0021	21	.1590	2-1/8"	1-1/16"	12
210SM0022	22	.1570	2-1/8"	1-1/16"	12
210SM0023	23	.1540	2-1/16"	1"	12
210SM0024	24	.1520	2-1/16"	1"	12
210SM0025	25	.1495	2-1/16"	1"	12
210SM0026	26	.1470	2-1/16"	1"	12
210SM0027	27	.1440	2-1/16"	1"	12
210SM0028	28	.1405	1-15/16"	15/16"	12
210SM0029	29	.1360	1-15/16"	15/16"	12
210SM0030	30	.1285	1-15/16"	15/16"	12
210SM0031	31	.1200	1-7/8"	7/8"	12
210SM0032	32	.1160	1-7/8"	7/8"	12
210SM0033	33	.1130	1-7/8"	7/8"	12
210SM0034	34	.1110	1-7/8"	7/8"	12
210SM0035	35	.1100	1-7/8"	7/8"	12
210SM0036	36	.1065	1-13/16"	13/16"	12
210SM0037	37	.1040	1-13/16"	13/16"	12
210SM0038	38	.1015	1-13/16"	13/16"	12
210SM0039	39	.0995	1-13/16"	13/16"	12
210SM0040	40	.0980	1-13/16"	13/16"	12



Silver & Deming - 1/2" Shank - M2 HSS

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
201SD3364	33/64"	.5156	6"	2-3/4"	1	201SD5364	53/64"	.8281	6"	2-3/4"	1
201SD3464	17/32"	.5312	6"	2-3/4"	1	201SD5464	27/32"	.8438	6"	2-3/4"	1
201SD3564	35/64"	.5469	6"	2-3/4"	1	201SD5564	55/64"	.8594	6"	2-3/4"	1
201SD3664	9/16"	.5625	6"	2-3/4"	1	201SD5664	7/8"	.8750	6"	2-3/4"	1
201SD3764	37/64"	.5781	6"	2-3/4"	1	201SD5764	57/64"	.8906	6"	2-3/4"	1
201SD3864	19/32"	.5938	6"	2-3/4"	1	201SD5864	29/32"	.9062	6"	2-3/4"	1
201SD3964	39/64"	.6094	6"	2-3/4"	1	201SD5964	59/64"	.9219	6"	2-3/4"	1
201SD4064	5/8"	.6250	6"	2-3/4"	1	201SD6064	15/16"	.9375	6"	2-3/4"	1
201SD4164	41/64"	.6406	6"	2-3/4"	1	201SD6164	61/64"	.9531	6"	2-3/4"	1
201SD4264	21/32"	.6562	6"	2-3/4"	1	201SD6264	31/32"	.9688	6"	2-3/4"	1
201SD4364	43/64"	.6719	6"	2-3/4"	1	201SD6364	63/64"	.9844	6"	2-3/4"	1
201SD4464	11/16"	.6875	6"	2-3/4"	1	201SD6464	1"	1.0000	6"	2-3/4"	1
201SD4564	45/64"	.7031	6"	2-3/4"	1	201SD6864	1-1/16"	1.0625	6"	2-3/4"	1
201SD4664	23/32"	.7188	6"	2-3/4"	1	201SD7264	1-1/8"	1.1250	6"	2-3/4"	1
201SD4764	47/64"	.7344	6"	2-3/4"	1	201SD7664	1-3/16"	1.1875	6"	2-3/4"	1
201SD4864	3/4"	.7500	6"	2-3/4"	1	201SD8064	1-1/4"	1.2500	6"	2-3/4"	1
201SD4964	49/64"	.7656	6"	2-3/4"	1	201SD8464	1-5/16"	1.3125	6"	2-3/4"	1
201SD5064	25/32"	.7812	6"	2-3/4"	1	201SD8864	1-3/8"	1.3750	6"	2-3/4"	1
201SD5164	51/64"	.7969	6"	2-3/4"	1	201SD9664	1-1/2"	1.5000	6"	2-3/4"	1
201SD5264	13/16"	.8125	6"	2-3/4"	1						

- ◆ 6" Length
- ◆ 118° Point
- ◆ Ground Flute
- ◆ 1/2" Shank
- ◆ Black Oxide Finish
- ◆ M2 HSS

- Cast Iron
- Steel
- Steel Forging
- Light to Medium Materials



Silver & Deming - 3/8" Shank - M2 HSS

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
201R83364	33/64"	.5156	6"	2-3/4"	1	201R84164	41/64"	.6406	6"	2-3/4"	1
201R83464	17/32"	.5312	6"	2-3/4"	1	201R84264	21/32"	.6562	6"	2-3/4"	1
201R83564	35/64"	.5469	6"	2-3/4"	1	201R84364	43/64"	.6719	6"	2-3/4"	1
201R83664	9/16"	.5625	6"	2-3/4"	1	201R84464	11/16"	.6875	6"	2-3/4"	1
201R83764	37/64"	.5781	6"	2-3/4"	1	201R84564	45/64"	.7031	6"	2-3/4"	1
201R83864	19/32"	.5938	6"	2-3/4"	1	201R84664	23/32"	.7188	6"	2-3/4"	1
201R83964	39/64"	.6094	6"	2-3/4"	1	201R84764	47/64"	.7344	6"	2-3/4"	1
201R84064	5/8"	.6250	6"	2-3/4"	1	201R84864	3/4"	.7500	6"	2-3/4"	1

- ◆ 6" Length
- ◆ 118° Point
- ◆ Ground Flute
- ◆ 1/2" Shank
- ◆ Black Oxide Finish
- ◆ M2 HSS

- Cast Iron
- Steel
- Steel Forging
- Light to Medium Materials



INTERNATIONAL TOOL MANUFACTURING
71-08 51st Ave. Woodside, NY 11377

(718) 446-0711 • (800) 247-5696
Fax (718) 899-6553

ITM



First Introduced in 1995...

Now the most recognizable
finish for High Speed Drill
Bits anywhere.

Black & Gold



Black & Gold Jobber Drills - HEAVY DUTY - M2 HSS

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
206US0464	1/16"	.0625	1-7/8"	7/8"	12	206US1964	19/64"	.2969	4-3/8"	3-1/16"	12
206US0564	5/64"	.0781	2"	1"	12	206US2064	5/16"	.3125	4-1/2"	3-3/16"	12
206US0664	3/32"	.0938	2-1/4"	1-1/4"	12	206US2164	21/64"	.3281	4-5/8"	3-5/16"	6
206US0764	7/64"	.1094	2-5/8"	1-1/2"	12	206US2264	11/32"	.3438	4-3/4"	3-7/16"	6
206US0864	1/8"	.1250	2-3/4"	1-5/8"	12	206US2364	23/64"	.3594	4-7/8"	3-1/2"	6
206US0964	9/64"	.1406	2-7/8"	1-3/4"	12	206US2464	3/8"	.3750	5"	3-5/8"	6
206US1064	5/32"	.1562	3-1/8"	2"	12	206US2564	25/64"	.3906	5-1/8"	3-3/4"	6
206US1164	11/64"	.1719	3-1/4"	2-1/8"	12	206US2664	13/32"	.4062	5-1/4"	3-7/8"	6
206US1264	3/16"	.1875	3-1/2"	2-5/16"	12	206US2764	27/64"	.4219	5-3/8"	3-15/16"	6
206US1364	13/64"	.2031	3-5/8"	2-7/16"	12	206US2864	7/16"	.4375	5-1/2"	4-1/16"	6
206US1464	7/32"	.2188	3-3/4"	2-1/2"	12	206US2964	29/64"	.4531	5-5/8"	4-3/16"	6
206US1564	15/64"	.2344	3-7/8"	2-5/8"	12	206US3064	15/32"	.4688	5-3/4"	4-5/16"	6
206US1664	1/4"	.2500	4"	2-3/4"	12	206US3164	31/64"	.4844	5-7/8"	4-3/8"	6
206US1764	17/64"	.2656	4-1/8"	2-7/8"	12	206US3264	1/2"	.5000	6"	4-1/2"	6
206US1864	9/32"	.2812	4-1/4"	2-15/16"	12						

- ◆ Jobber Length
- ◆ 135° Split Point
- ◆ Ground Flute
- ◆ Straight Shank
- ◆ Heavy Duty Web
- ◆ Black & Gold Finish
- ◆ M2 HSS

- Cast Iron
- Steel
- Steel Forging
- Stainless Steel

Black & Gold Wire Gauge Drills - HEAVY DUTY - M2 HSS

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
207US-01	1	.2280	3-7/8"	2-5/8"	12	207US-31	31	.1200	2-3/4"	1-5/8"	12
207US-02	2	.2210	3-7/8"	2-5/8"	12	207US-32	32	.1160	2-3/4"	1-5/8"	12
207US-03	3	.2130	3-3/4"	2-1/2"	12	207US-33	33	.1130	2-5/8"	1-1/2"	12
207US-04	4	.2090	3-3/4"	2-1/2"	12	207US-34	34	.1110	2-5/8"	1-1/2"	12
207US-05	5	.2055	3-3/4"	2-1/2"	12	207US-35	35	.1100	2-5/8"	1-1/2"	12
207US-06	6	.2040	3-3/4"	2-1/2"	12	207US-36	36	.1065	2-1/2"	1-7/16"	12
207US-07	7	.2010	3-5/8"	2-7/16"	12	207US-37	37	.1040	2-1/2"	1-7/16"	12
207US-08	8	.1990	3-5/8"	2-7/16"	12	207US-38	38	.1015	2-1/2"	1-7/16"	12
207US-09	9	.1960	3-5/8"	2-7/16"	12	207US-39	39	.0995	2-3/8"	1-3/8"	12
207US-10	10	.1935	3-5/8"	2-7/16"	12	207US-40	40	.0980	2-3/8"	1-3/8"	12
207US-11	11	.1910	3-1/2"	2-5/16"	12	207US-41	41	.0960	2-3/8"	1-3/8"	12
207US-12	12	.1890	3-1/2"	2-5/16"	12	207US-42	42	.0935	2-1/4"	1-1/4"	12
207US-13	13	.1850	3-1/2"	2-5/16"	12	207US-43	43	.0890	2-1/4"	1-1/4"	12
207US-14	14	.1820	3-3/8"	2-3/16"	12	207US-44	44	.0860	2-1/8"	1-1/8"	12
207US-15	15	.1800	3-3/8"	2-3/16"	12	207US-45	45	.0820	2-1/8"	1-1/8"	12
207US-16	16	.1770	3-3/8"	2-3/16"	12	207US-46	46	.0810	2-1/8"	1-1/8"	12
207US-17	17	.1730	3-3/8"	2-3/16"	12	207US-47	47	.0785	2"	1"	12
207US-18	18	.1695	3-1/4"	2-1/8"	12	207US-48	48	.0760	2"	1"	12
207US-19	19	.1660	3-1/4"	2-1/8"	12	207US-49	49	.0730	2"	1"	12
207US-20	20	.1610	3-1/4"	2-1/8"	12	207US-50	50	.0700	2"	1"	12
207US-21	21	.1590	3-1/4"	2-1/8"	12	207US-51	51	.0670	2"	1"	12
207US-22	22	.1570	3-1/8"	2"	12	207US-52	52	.0635	1-7/8"	7/8"	12
207US-23	23	.1540	3-1/8"	2"	12	207US-53	53	.0595	1-7/8"	7/8"	12
207US-24	24	.1520	3-1/8"	2"	12	207US-54	54	.0550	1-7/8"	7/8"	12
207US-25	25	.1495	3"	1-7/8"	12	207US-55	55	.0520	1-7/8"	7/8"	12
207US-26	26	.1470	3"	1-7/8"	12	207US-56	56	.0465	1-3/4"	3/4"	12
207US-27	27	.1440	3"	1-7/8"	12	207US-57	57	.0430	1-3/4"	3/4"	12
207US-28	28	.1405	2-7/8"	1-3/4"	12	207US-58	58	.0420	1-5/8"	11/16"	12
207US-29	29	.1360	2-7/8"	1-3/4"	12	207US-59	59	.0410	1-5/8"	11/16"	12
207US-30	30	.1285	2-3/4"	1-5/8"	12	207US-60	60	.0400	1-5/8"	11/16"	12



NOTE:
SIZES 40 → 60
HAVE NO
SPLIT POINT.



Black & Gold Jobber Drills - HEAVY DUTY 3/8" Shank - M2 HSS

◆ Same as 206US with 3/8" Shank.

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
206U82564	25/64"	.3906	5-1/8"	3-3/4"	6	206U82964	29/64"	.4531	5-5/8"	4-3/16"	6
206U82664	13/32"	.4062	5-1/4"	3-1/8"	6	206U83064	15/32"	.4688	5-3/4"	4-5/16"	6
206U82764	27/64"	.4219	5-3/8"	3-15/16"	6	206U83164	31/64"	.4844	5-7/8"	4-3/8"	6
206U82864	7/16"	.4375	5-1/2"	4-1/16"	6	206U83264	1/2"	.5000	6"	4-1/2"	6



Black & Gold Mechanics Length Drills - HEAVY DUTY - M2 HSS

- ◆ Mechanics Length
- ◆ 135° Split Point
- ◆ 3-Flat Shank (3/16" → 1/2")
- ◆ Black & Gold Oxide Finish
- ◆ Heavy Duty Web for Strength & Rigidity
- ◆ M2 HSS
- Cast Iron
- Steel
- Steel Forging
- Stainless Steel

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
208MC0464	1/16"	.0625	1 7/8"	7/8"	12	208MC1964	19/64"	.2969	3 7/8"	2-3/8"	12
208MC0564	5/64"	.0781	2"	1"	12	208MC2064	5/16"	.3125	4"	2-1/2"	12
208MC0664	3/32"	.0938	2 1/4"	1-1/4"	12	208MC2164	21/64"	.3281	4 1/16"	2-9/16"	6
208MC0764	7/64"	.1094	2 3/8"	1-5/16"	12	208MC2264	11/32"	.3438	4 1/8"	2-5/8"	6
208MC0864	1/8"	.1250	2 1/2"	1-7/16"	12	208MC2364	23/64"	.3594	4 3/16"	2-11/16"	6
208MC0964	9/64"	.1406	2 5/8"	1-9/16"	12	208MC2464	3/8"	.3750	4 1/4"	2-11/16"	6
208MC1064	5/32"	.1562	2 3/4"	1-11/16"	12	208MC2564	25/64"	.3906	4 5/16"	2-3/4"	6
208MC1164	11/64"	.1719	2 7/8"	1-13/16"	12	208MC2664	13/32"	.4062	4 3/8"	2-13/16"	6
208MC1264	3/16"	.1875	3"	1-7/8"	12	208MC2764	27/64"	.4219	4 7/16"	2-7/8"	6
208MC1364	13/64"	.2031	3 1/8"	1-15/16"	12	208MC2864	7/16"	.4375	4 1/2"	2-15/16"	6
208MC1464	7/32"	.2188	3 1/4"	2"	12	208MC2964	29/64"	.4531	4 5/8"	3"	6
208MC1564	15/64"	.2344	3 3/8"	2-1/16"	12	208MC3064	15/32"	.4688	4 3/4"	3-1/8"	6
208MC1664	1/4"	.2500	3 1/2"	2"	12	208MC3164	31/64"	.4844	4 7/8"	3-1/4"	6
208MC1764	17/64"	.2656	3 5/8"	2-1/8"	12	208MC3264	1/2"	.5000	5"	3-3/8"	6
208MC1864	9/32"	.2812	3 3/4"	2-1/4"	12						



Black & Gold

Black & Gold Letter Drills - HEAVY DUTY - M2 HSS

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
208US-A	A	.234	3-7/8"	2-5/8"	12	208US-N	N	.302	4-3/8"	3-1/16"	6
208US-B	B	.238	4"	2-3/4"	12	208US-O	O	.316	4-1/2"	3-3/16"	6
208US-C	C	.242	4"	2-3/4"	12	208US-P	P	.323	4-5/8"	3-5/16"	6
208US-D	D	.246	4"	2-3/4"	12	208US-Q	Q	.332	4-3/4"	3-7/16"	6
208US-E	E	.250	4"	2-3/4"	12	208US-R	R	.339	4-3/4"	3-7/16"	6
208US-F	F	.257	4-1/8"	2-7/8"	12	208US-S	S	.348	4-7/8"	3-1/2"	6
208US-G	G	.261	4-1/8"	2-7/8"	12	208US-T	T	.358	4-7/8"	3-1/2"	6
208US-H	H	.266	4-1/8"	2-7/8"	12	208US-U	U	.368	5"	3-5/8"	6
208US-I	I	.272	4-1/8"	2-7/8"	12	208US-V	V	.377	5"	3-5/8"	6
208US-J	J	.277	4-1/8"	2-7/8"	12	208US-W	W	.386	5-1/8"	3-3/4"	6
208US-K	K	.281	4-1/4"	2-15/16"	12	208US-X	X	.397	5-1/8"	3-3/4"	6
208US-L	L	.290	4-1/4"	2-15/16"	6	208US-Y	Y	.404	5-1/4"	3-7/8"	6
208US-M	M	.295	4-3/8"	3-1/16"	6	208US-Z	Z	.413	5-1/4"	3-7/8"	6

- ◆ Jobber Length
- ◆ 135° Split Point
- ◆ Ground Flute
- ◆ Straight Shank
- ◆ Heavy Duty Web
- ◆ Black & Gold Finish
- ◆ M2 HSS

- Cast Iron
- Steel
- Steel Forging
- Stainless Steel



Black & Gold

Black & Gold Silver & Deming - 1/2" Shank - M2 HSS

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
201US3364	33/64"	.5156	6"	2-3/4"	1	201US5164	51/64"	.7969	6"	2-3/4"	1
201US3464	17/32"	.5312	6"	2-3/4"	1	201US5264	13/16"	.8125	6"	2-3/4"	1
201US3564	35/64"	.5469	6"	2-3/4"	1	201US5364	53/64"	.8281	6"	2-3/4"	1
201US3664	9/16"	.5625	6"	2-3/4"	1	201US5464	27/32"	.8438	6"	2-3/4"	1
201US3764	37/64"	.5781	6"	2-3/4"	1	201US5564	55/64"	.8594	6"	2-3/4"	1
201US3864	19/32"	.5938	6"	2-3/4"	1	201US5664	7/8"	.8750	6"	2-3/4"	1
201US3964	39/64"	.6094	6"	2-3/4"	1	201US5764	57/64"	.8906	6"	2-3/4"	1
201US4064	5/8"	.6250	6"	2-3/4"	1	201US5864	29/32"	.9062	6"	2-3/4"	1
201US4164	41/64"	.6406	6"	2-3/4"	1	201US5964	59/64"	.9219	6"	2-3/4"	1
201US4264	21/32"	.6562	6"	2-3/4"	1	201US6064	15/16"	.9375	6"	2-3/4"	1
201US4364	43/64"	.6719	6"	2-3/4"	1	201US6164	61/64"	.9531	6"	2-3/4"	1
201US4464	11/16"	.6875	6"	2-3/4"	1	201US6264	31/32"	.9688	6"	2-3/4"	1
201US4564	45/64"	.7031	6"	2-3/4"	1	201US6364	63/64"	.9844	6"	2-3/4"	1
201US4664	23/32"	.7188	6"	2-3/4"	1	201US6464	1"	1.0000	6"	2-3/4"	1
201US4764	47/64"	.7344	6"	2-3/4"	1	201US6864	1-1/16"	1.0625	6"	2-3/4"	1
201US4864	3/4"	.7500	6"	2-3/4"	1	201US7264	1-1/8"	1.1250	6"	2-3/4"	1
201US4964	49/64"	.7656	6"	2-3/4"	1	201US7664	1-3/16"	1.1875	6"	2-3/4"	1
201US5064	25/32"	.7812	6"	2-3/4"	1	201US8064	1-1/4"	1.2500	6"	2-3/4"	1

- ◆ 6" Length
- ◆ 118° Split Point
- ◆ Ground Flute
- ◆ 3-Flat Round 1/2" Shank
- ◆ Heavy Duty Web
- ◆ Black & Gold Finish
- ◆ M2 HSS

- Cast Iron
- Steel
- Steel Forging
- Stainless Steel



Cobalt Jobber Drills - HEAVY DUTY - M35 COBALT

- ◆ Jobber Length
- ◆ 135° Split Point
- ◆ Ground Flute
- ◆ Straight Shank
- ◆ Heavy Duty Web
- ◆ Gold Finish
- ◆ M35 Cobalt
- ➔ Hardened Steel
- ➔ Stainless Steel
- ➔ High Temp Alloys
- ➔ Heat Treated Materials
- ➔ Abrasive Plastics

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
219CO0464	1/16"	.0625	1-7/8"	7/8"	12	219CO1964	19/64"	.2969	4-3/8"	3-1/16"	12
219CO0564	5/64"	.0781	2"	1"	12	219CO2064	5/16"	.3125	4-1/2"	3-3/16"	12
219CO0664	3/32"	.0938	2-1/4"	1-1/4"	12	219CO2164	21/64"	.3281	4-5/8"	3-5/16"	6
219CO0764	7/64"	.1094	2-5/8"	1-1/2"	12	219CO2264	11/32"	.3438	4-3/4"	3-7/16"	6
219CO0864	1/8"	.1250	2-3/4"	1-5/8"	12	219CO2364	23/64"	.3594	4-7/8"	3-1/2"	6
219CO0964	9/64"	.1406	2-7/8"	1-3/4"	12	219CO2464	3/8"	.3750	5"	3-5/8"	6
219CO1064	5/32"	.1562	3-1/8"	2"	12	219CO2564	25/64"	.3906	5-1/8"	3-3/4"	6
219CO1164	11/64"	.1719	3-1/4"	2-1/8"	12	219CO2664	13/32"	.4062	5-1/4"	3-7/8"	6
219CO1264	3/16"	.1875	3-1/2"	2-5/16"	12	219CO2764	27/64"	.4219	5-3/8"	3-15/16"	6
219CO1364	13/64"	.2031	3-5/8"	2-7/16"	12	219CO2864	7/16"	.4375	5-1/2"	4-1/16"	6
219CO1464	7/32"	.2188	3-3/4"	2-1/2"	12	219CO2964	29/64"	.4531	5-5/8"	4-3/16"	6
219CO1564	15/64"	.2344	3-7/8"	2-5/8"	12	219CO3064	15/32"	.4688	5-3/4"	4-5/16"	6
219CO1664	1/4"	.2500	4"	2-3/4"	12	219CO3164	31/64"	.4844	5-7/8"	4-3/8"	6
219CO1764	17/64"	.2656	4-1/8"	2-7/8"	12	219CO3264	1/2"	.5000	6"	4-1/2"	6
219CO1864	9/32"	.2812	4-1/4"	2-15/16"	12						

Cobalt Wire Gauge Drills - HEAVY DUTY - M35 COBALT

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
220CO0001	1	.2280	3-7/8"	2-5/8"	12	220CO0031	31	.1200	2-3/4"	1-5/8"	12
220CO0002	2	.2210	3-7/8"	2-5/8"	12	220CO0032	32	.1160	2-3/4"	1-5/8"	12
220CO0003	3	.2130	3-3/4"	2-1/2"	12	220CO0033	33	.1130	2-5/8"	1-1/2"	12
220CO0004	4	.2090	3-3/4"	2-1/2"	12	220CO0034	34	.1110	2-5/8"	1-1/2"	12
220CO0005	5	.2055	3-3/4"	2-1/2"	12	220CO0035	35	.1100	2-5/8"	1-1/2"	12
220CO0006	6	.2040	3-3/4"	2-1/2"	12	220CO0036	36	.1065	2-1/2"	1-7/16"	12
220CO0007	7	.2010	3-5/8"	2-7/16"	12	220CO0037	37	.1040	2-1/2"	1-7/16"	12
220CO0008	8	.1990	3-5/8"	2-7/16"	12	220CO0038	38	.1015	2-1/2"	1-7/16"	12
220CO0009	9	.1960	3-5/8"	2-7/16"	12	220CO0039	39	.0995	2-3/8"	1-3/8"	12
220CO0010	10	.1935	3-5/8"	2-7/16"	12	220CO0040	40	.0980	2-3/8"	1-3/8"	12
220CO0011	11	.1910	3-1/2"	2-5/16"	12	220CO0041	41	.0960	2-3/8"	1-3/8"	12
220CO0012	12	.1890	3-1/2"	2-5/16"	12	220CO0042	42	.0935	2-1/4"	1-1/4"	12
220CO0013	13	.1850	3-1/2"	2-5/16"	12	220CO0043	43	.0890	2-1/4"	1-1/4"	12
220CO0014	14	.1820	3-3/8"	2-3/16"	12	220CO0044	44	.0860	2-1/8"	1-1/8"	12
220CO0015	15	.1800	3-3/8"	2-3/16"	12	220CO0045	45	.0820	2-1/8"	1-1/8"	12
220CO0016	16	.1770	3-3/8"	2-3/16"	12	220CO0046	46	.0810	2-1/8"	1-1/8"	12
220CO0017	17	.1730	3-3/8"	2-3/16"	12	220CO0047	47	.0785	2"	1"	12
220CO0018	18	.1695	3-1/4"	2-1/8"	12	220CO0048	48	.0760	2"	1"	12
220CO0019	19	.1660	3-1/4"	2-1/8"	12	220CO0049	49	.0730	2"	1"	12
220CO0020	20	.1610	3-1/4"	2-1/8"	12	220CO0050	50	.0700	2"	1"	12
220CO0021	21	.1590	3-1/4"	2-1/8"	12	220CO0051	51	.0670	2"	1"	12
220CO0022	22	.1570	3-1/8"	2"	12	220CO0052	52	.0635	1-7/8"	7/8"	12
220CO0023	23	.1540	3-1/8"	2"	12	220CO0053	53	.0595	1-7/8"	7/8"	12
220CO0024	24	.1520	3-1/8"	2"	12	220CO0054	54	.0550	1-7/8"	7/8"	12
220CO0025	25	.1495	3"	1-7/8"	12	220CO0055	55	.0520	1-7/8"	7/8"	12
220CO0026	26	.1470	3"	1-7/8"	12	220CO0056	56	.0465	1-3/4"	3/4"	12
220CO0027	27	.1440	3"	1-7/8"	12	220CO0057	57	.0430	1-3/4"	3/4"	12
220CO0028	28	.1405	2-7/8"	1-3/4"	12	220CO0058	58	.0420	1-5/8"	11/16"	12
220CO0029	29	.1360	2-7/8"	1-3/4"	12	220CO0059	59	.0410	1-5/8"	11/16"	12
220CO0030	30	.1285	2-3/4"	1-5/8"	12	220CO0060	60	.0400	1-5/8"	11/16"	12



NOTE:
SIZES 40 → 60
HAVE NO
SPLIT POINT.



**135°
SPLIT
POINT**

Cobalt Jobber Drills - 3/8" Shank - M35 COBALT

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
219R82564	25/64"	.3906	5-1/8"	3-3/4"	6	219R82964	29/64"	.4531	5-5/8"	4-3/16"	6
219R82664	13/32"	.4062	5-1/4"	3-1/8"	6	219R83064	15/32"	.4688	5-3/4"	4-5/16"	6
219R82764	27/64"	.4219	5-3/8"	3-15/16"	6	219R83164	31/64"	.4844	5-7/8"	4-3/8"	6
219R82864	7/16"	.4375	5-1/2"	4-1/16"	6	219R83264	1/2"	.5000	6"	4-1/2"	6

◆ Same as 219CO with 3/8" Shank.



**135°
SPLIT
POINT**

Cobalt Stub Fractional - M35 COBALT

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
CTS-0464	1/16"	.0625	1-5/8"	5/8"	12	CTS-1964	19/64"	.2969	2-3/4"	1-9/16"	12
CTS-0564	5/64"	.0781	1-11/16"	11/16"	12	CTS-2064	5/16"	.3125	2-13/16"	1-5/8"	12
CTS-0664	3/32"	.0938	1-3/4"	3/4"	12	CTS-2164	21/64"	.3281	2-15/16"	1-11/16"	6
CTS-0764	7/64"	.1094	1-13/16"	13/16"	12	CTS-2264	11/32"	.3438	3"	1-11/16"	6
CTS-0864	1/8"	.1250	1-7/8"	7/8"	12	CTS-2364	23/64"	.3594	3-1/16"	1-3/4"	6
CTS-0964	9/64"	.1406	1-15/16"	15/16"	12	CTS-2464	3/8"	.3750	3-1/8"	1-13/16"	6
CTS-1064	5/32"	.1562	2-1/16"	1"	12	CTS-2564	25/64"	.3906	3-1/4"	1-7/8"	6
CTS-1164	11/64"	.1719	2-1/8"	1-1/16"	12	CTS-2664	13/32"	.4062	3-5/16"	1-15/16"	6
CTS-1264	3/16"	.1875	2-3/16"	1-1/8"	12	CTS-2764	27/64"	.4219	3-3/8"	2"	6
CTS-1364	13/64"	.2031	2-1/4"	1-3/16"	12	CTS-2864	7/16"	.4375	3-7/16"	2-1/16"	6
CTS-1464	7/32"	.2188	2-3/8"	1-1/4"	12	CTS-2964	29/64"	.4531	3-9/16"	2-1/8"	6
CTS-1564	15/64"	.2344	2-7/16"	1-5/16"	12	CTS-3064	15/32"	.4688	3-5/8"	2-1/8"	6
CTS-1664	1/4"	.2500	2-1/2"	1-3/8"	12	CTS-3164	31/64"	.4844	3-11/16"	2-3/16"	6
CTS-1764	17/64"	.2656	2-5/8"	1-7/16"	12	CTS-3264	1/2"	.5000	3-3/4"	2-1/4"	6
CTS-1864	9/32"	.2812	2-11/16"	1-1/2"	12						

- ◆ Stub Length
- ◆ 135° Split Point
- ◆ Ground Flute
- ◆ Straight Shank
- ◆ Heavy Duty Web
- ◆ Gold Finish
- ◆ M35 Cobalt

- Cast Iron
- Hardened Steel
- Stainless Steel
- Sheet Metal
- High Temp Alloys
- Heat Treated Materials
- Automotive



**118°
SPLIT
POINT**

Cobalt Silver & Deming - 1/2" Shank - M35 COBALT

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
201CO3464	17/32"	.5312	6	2-3/4"	1	201CO5864	29/32"	.9062	6	2-3/4"	1
201CO3664	9/16"	.5625	6	2-3/4"	1	201CO6064	15/16"	.9375	6	2-3/4"	1
201CO3864	19/32"	.5938	6	2-3/4"	1	201CO6264	31/32"	.9688	6	2-3/4"	1
201CO4064	5/8"	.6250	6	2-3/4"	1	201CO6464	1"	1.0000	6	2-3/4"	1
201CO4264	21/32"	.6562	6	2-3/4"	1	201CO6864	1-1/16"	1.0625	6	2-3/4"	1
201CO4464	11/16"	.6875	6	2-3/4"	1	201CO7264	1-1/8"	1.1250	6	2-3/4"	1
201CO4664	23/32"	.7188	6	2-3/4"	1	201CO7664	1-3/16"	1.1875	6	2-3/4"	1
201CO4864	3/4"	.7500	6	2-3/4"	1	201CO8064	1-1/4"	1.2500	6	2-3/4"	1
201CO5064	25/32"	.7812	6	2-3/4"	1	201CO8464	1-5/16"	1.3125	6	2-3/4"	1
201CO5264	13/16"	.8125	6	2-3/4"	1	201CO8864	1-3/8"	1.3750	6	2-3/4"	1
201CO5464	27/32"	.8438	6	2-3/4"	1	201CO9664	1-1/2"	1.5000	6	2-3/4"	1
201CO5664	7/8"	.8750	6	2-3/4"	1						

- ◆ 6" Length
- ◆ 118° Split Point
- ◆ Ground Flute
- ◆ 3-Flat Round 1/2" Shank
- ◆ Gold Finish
- ◆ M35 Cobalt

- Cast Iron
- Steel
- Steel Forging
- Stainless Steel



Titanium Jobber Drills - (TiN) Titanium Nitride Coating

- ◆ Jobber Length
- ◆ 135° Split Point
- ◆ Ground Flute
- ◆ Straight Shank
- ◆ Heavy Duty Web
- ◆ TiN Coating

- Cast Iron
- Steel
- Tool Steel
- Alloys

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
255SP0464	1/16"	.0625	1-7/8"	7/8"	12	255SP1964	19/64"	.2969	4-3/8"	3-1/16"	12
255SP0564	5/64"	.0781	2"	1"	12	255SP2064	5/16"	.3125	4-1/2"	3-3/16"	12
255SP0664	3/32"	.0938	2-1/4"	1-1/4"	12	255SP2164	21/64"	.3281	4-5/8"	3-5/16"	6
255SP0764	7/64"	.1094	2-5/8"	1-1/2"	12	255SP2264	11/32"	.3438	4-3/4"	3-7/16"	6
255SP0864	1/8"	.1250	2-3/4"	1-5/8"	12	255SP2364	23/64"	.3594	4-7/8"	3-1/2"	6
255SP0964	9/64"	.1406	2-7/8"	1-3/4"	12	255SP2464	3/8"	.3750	5"	3-5/8"	6
255SP1064	5/32"	.1562	3-1/8"	2"	12	255SP2564	25/64"	.3906	5-1/8"	3-3/4"	6
255SP1164	11/64"	.1719	3-1/4"	2-1/8"	12	255SP2664	13/32"	.4062	5-1/4"	3-7/8"	6
255SP1264	3/16"	.1875	3-1/2"	2-5/16"	12	255SP2764	27/64"	.4219	5-3/8"	3-15/16"	6
255SP1364	13/64"	.2031	3-5/8"	2-7/16"	12	255SP2864	7/16"	.4375	5-1/2"	4-1/16"	6
255SP1464	7/32"	.2188	3-3/4"	2-1/2"	12	255SP2964	29/64"	.4531	5-5/8"	4-3/16"	6
255SP1564	15/64"	.2344	3-7/8"	2-5/8"	12	255SP3064	15/32"	.4688	5-3/4"	4-5/16"	6
255SP1664	1/4"	.2500	4"	2-3/4"	12	255SP3164	31/64"	.4844	5-7/8"	4-3/8"	6
255SP1764	17/64"	.2656	4-1/8"	2-7/8"	12	255SP3264	1/2"	.5000	6"	4-1/2"	6
255SP1864	9/32"	.2812	4-1/4"	2-15/16"	12						



Spotweld - Double End - M42 COBALT

- ◆ Heavy Duty Spur
- ◆ M42 Super Cobalt
- ◆ High Red Hot Hardness
- ◆ Double End
- ◆ Gold Finish

Part #	Size	Frac.	OAL	Qty.
219DE0065	6.5 mm	1/4"	3-5/8"	5
219DE0080	8.0 mm	5/16"	3-5/8"	5
219DE0100	10.0 mm	3/8"	3-5/8"	5



Double End - M42 COBALT

Part #	Size	Dec.	OAL	Flute	Qty.
211CO0864	1/8"	.1250	2"	1/2"	12
211CO0030	#30	.1285	2"	1/2"	12



Double End - M2 HSS BRIGHT

- ◆ Heavy Duty
 - ◆ 135° Split Point
 - ◆ M2 HSS
 - ◆ Bright and Black Finish
- Sheet Metal
 → Automotive

Part #	Size	Dec.	OAL	Flute	Qty.
211DE0764	7/64"	.1094	1-7/8"	1/2"	12
211DE0864	1/8"	.1250	2"	1/2"	12
211DE0964	9/64"	.1406	2"	1/2"	12
211DE1064	5/32"	.1562	2-1/16"	1/2"	12
211DE1264	3/16"	.1875	2-3/16"	1/2"	12
211DE1664	1/4"	.2500	2-1/2"	1/2"	12
211DE0030	#30	.1285	2"	1/2"	12



Double End - M2 HSS BLACK

Part #	Size	Dec.	OAL	Flute	Qty.
211DE0864-B	1/8"	.1250	2"	1/2"	12
211DE0030-B	#30	.1285	2"	1/2"	12



Boron Tungsten Drill

Part #	Size	OAL	Qty.
BRN-8	8mm	2"	1



6" Cobalt Aircraft - M35 COBALT

Part #	Size	Dec.	OAL	Flute	Qty.
212CO0464	1/16"	.0625	6"	7/8"	6
212CO0864	1/8"	.1250	6"	1-5/8"	6
212CO1064	5/32"	.1562	6"	2"	6
212CO1164	11/64"	.1719	6"	2-1/8"	6
212CO1264	3/16"	.1875	6"	2-5/16"	6
212CO1464	7/32"	.2188	6"	2-1/2"	6
212CO1664	1/4"	.2500	6"	2-3/4"	6
212CO2064	5/16"	.3125	6"	3-3/16"	1
212CO2464	3/8"	.3750	6"	3-5/8"	1

- ◆ Straight Shank
- ◆ 135° Split Point
- ◆ Ground Flute
- ◆ Extra Flexibility
- ◆ Heavy Duty Web
- ◆ Gold Finish
- ◆ M35 Cobalt



- Steel
- Stainless Steel
- Heat Treated Materials



6" Aircraft - M2 HSS

Part #	Size	Dec.	OAL	Flute	Qty.
212SP0464	1/16"	.0625	6"	7/8"	6
212SP0864	1/8"	.1250	6"	1-5/8"	6
212SP0964	9/64"	.1406	6"	1-3/4"	6
212SP1064	5/32"	.1562	6"	2"	6
212SP1164	11/64"	.1719	6"	2-1/8"	6
212SP1264	3/16"	.1875	6"	2-5/16"	6
212SP1364	13/64"	.2031	6"	2-7/16"	6
212SP1464	7/32"	.2188	6"	2-1/2"	6
212SP1564	15/64"	.2344	6"	2-5/8"	6
212SP1664	1/4"	.2500	6"	2-3/4"	6
212SP1764	17/64"	.2656	6"	2-7/8"	6
212SP1864	9/32"	.2812	6"	2-15/16"	6
212SP2064	5/16"	.3125	6"	3-3/16"	1
212SP2264	11/32"	.3438	6"	3-7/16"	1
212SP2464	3/8"	.3750	6"	3-5/8"	1
212SP2864	7/16"	.4375	6"	4-1/16"	1
212SP3264	1/2"	.5000	6"	4-1/2"	1

18" Aircraft - M2 HSS

Part #	Size	Dec.	OAL	Flute	Qty.
215SP1264	3/16"	.1875	18"	2-5/16"	1
215SP1664	1/4"	.2500	18"	2-3/4"	1
215SP2064	5/16"	.3125	18"	3-3/16"	1
215SP2464	3/8"	.3750	18"	3-5/8"	1
215SP3264	1/2"	.5000	18"	4-1/2"	1

6" Wire Gauge Aircraft - M2 HSS

Part #	Size	Dec.	OAL	Flute	Qty.
213SP0001	1	.2280	6"	2-5/8"	6
213SP0002	2	.2210	6"	2-5/8"	6
213SP0007	7	.2010	6"	2-7/16"	6
213SP0009	9	.1960	6"	2-7/16"	6
213SP0010	10	.1935	6"	2-7/16"	6
213SP0011	11	.1910	6"	2-5/16"	6
213SP0016	16	.1770	6"	2-3/16"	6
213SP0017	17	.1730	6"	2-3/16"	6
213SP0021	21	.1590	6"	2-1/8"	6
213SP0026	26	.1470	6"	1-7/8"	6
213SP0029	29	.1360	6"	1-3/4"	6
213SP0030	30	.1285	6"	1-5/8"	6
213SP0031	31	.1200	6"	1-5/8"	6
213SP0040	40	.0980	6"	1-3/8"	6

12" Aircraft - M2 HSS

Part #	Size	Dec.	OAL	Flute	Qty.
214SP0864	1/8"	.1250	12"	1-5/8"	1
214SP1064	5/32"	.1562	12"	2"	1
214SP1264	3/16"	.1875	12"	2-5/16"	1
214SP1464	7/32"	.2188	12"	2-1/2"	1
214SP1664	1/4"	.2500	12"	2-3/4"	1
214SP1864	9/32"	.2812	12"	2-15/16"	1
214SP2064	5/16"	.3125	12"	3-3/16"	1
214SP2264	11/32"	.3438	12"	3-7/16"	1
214SP2464	3/8"	.3750	12"	3-5/8"	1
214SP2864*	7/16"	.4375	12"	4-1/16"	1
214SP3264*	1/2"	.5000	12"	4-1/2"	1

* 3/8" Shank

12" Wire Gauge Aircraft - M2 HSS

Part #	Size	Dec.	OAL	Flute	Qty.
213SP1201	1	.2280	12"	2-5/8"	1
213SP1207	7	.2010	12"	2-7/16"	1
213SP1210	10	.1935	12"	2-7/16"	1
213SP1221	21	.1590	12"	2-1/8"	1
213SP1229	29	.1360	12"	1-3/4"	1
213SP1230	30	.1285	12"	1-5/8"	1
213SP1231	31	.1200	12"	1-5/8"	1
213SP1240	40	.0980	12"	1-3/8"	1

- ◆ Straight Shank
- ◆ 135° Split Point
- ◆ Ground Flute
- ◆ Extra Flexibility
- ◆ Heavy Duty Web
- ◆ Black Oxide Finish
- ◆ M2 HSS

- Steel
- Medium Alloys

Long Boy - Full Body Spiral Drills P. 53



3-Flat, No-Slip Shank

Made in U.S.A.



Made In



- ◆ Jobber Length
- ◆ 135° Split Point
- ◆ Ground Flute
- ◆ 3-Flat Shank
- ◆ Heavy Duty Web for Strength & Rigidity
- ◆ Black & Gold Finish
- ◆ M2 HSS

- Cast Iron
- Steel
- Steel Forging
- Stainless Steel

MRO Black and Gold Jobber Drills - SUPER HEAVY DUTY

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
MRO-0464	1/16"	.0625	1-7/8"	7/8"	12	MRO-1964	19/64"	.2969	4-3/8"	3-1/16"	12
MRO-0564	5/64"	.0781	2"	1"	12	MRO-2064	5/16"	.3125	4-1/2"	3-3/16"	12
MRO-0664	3/32"	.0938	2-1/4"	1-1/4"	12	MRO-2164	21/64"	.3281	4-5/8"	3-5/16"	6
MRO-0764	7/64"	.1094	2-5/8"	1-1/2"	12	MRO-2264	11/32"	.3438	4-3/4"	3-7/16"	6
MRO-0864	1/8"	.1250	2-3/4"	1-5/8"	12	MRO-2364	23/64"	.3594	4-7/8"	3-1/2"	6
MRO-0964	9/64"	.1406	2-7/8"	1-3/4"	12	MRO-2464	3/8"	.3750	5"	3-5/8"	6
MRO-1064	5/32"	.1562	3-1/8"	2"	12	MRO-2564	25/64"	.3906	5-1/8"	3-3/4"	6
MRO-1164	11/64"	.1719	3-1/4"	2-1/8"	12	MRO-2664	13/32"	.4062	5-1/4"	3-7/8"	6
MRO-1264	3/16"	.1875	3-1/2"	2-5/16"	12	MRO-2764	27/64"	.4219	5-3/8"	3-15/16"	6
MRO-1364	13/64"	.2031	3-5/8"	2-7/16"	12	MRO-2864	7/16"	.4375	5-1/2"	4-1/16"	6
MRO-1464	7/32"	.2188	3-3/4"	2-1/2"	12	MRO-2964	29/64"	.4531	5-5/8"	4-3/16"	6
MRO-1564	15/64"	.2344	3-7/8"	2-5/8"	12	MRO-3064	15/32"	.4688	5-3/4"	4-5/16"	6
MRO-1664	1/4"	.2500	4"	2-3/4"	12	MRO-3164	31/64"	.4844	5-7/8"	4-3/8"	6
MRO-1764	17/64"	.2656	4-1/8"	2-7/8"	12	MRO-3264	1/2"	.5000	6"	4-1/2"	6
MRO-1864	9/32"	.2812	4-1/4"	2-15/16"	12						

MRO Black & Gold Letter Drills - SUPER HEAVY DUTY

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
MRO-A	A	.234	3-7/8"	2-5/8"	12	MRO-N	N	.302	4-3/8"	3-1/16"	6
MRO-B	B	.238	4"	2-3/4"	12	MRO-O	O	.316	4-1/2"	3-3/16"	6
MRO-C	C	.242	4"	2-3/4"	12	MRO-P	P	.323	4-5/8"	3-5/16"	6
MRO-D	D	.246	4"	2-3/4"	12	MRO-Q	Q	.332	4-3/4"	3-7/16"	6
MRO-E	E	.250	4"	2-3/4"	12	MRO-R	R	.339	4-3/4"	3-7/16"	6
MRO-F	F	.257	4-1/8"	2-7/8"	12	MRO-S	S	.348	4-7/8"	3-1/2"	6
MRO-G	G	.261	4-1/8"	2-7/8"	12	MRO-T	T	.358	4-7/8"	3-1/2"	6
MRO-H	H	.266	4-1/8"	2-7/8"	12	MRO-U	U	.368	5"	3-5/8"	6
MRO-I	I	.272	4-1/8"	2-7/8"	12	MRO-V	V	.377	5"	3-5/8"	6
MRO-J	J	.277	4-1/8"	2-7/8"	12	MRO-W	W	.386	5-1/8"	3-3/4"	6
MRO-K	K	.281	4-1/4"	2-15/16"	12	MRO-X	X	.397	5-1/8"	3-3/4"	6
MRO-L	L	.290	4-1/4"	2-15/16"	6	MRO-Y	Y	.404	5-1/4"	3-7/8"	6
MRO-M	M	.295	4-3/8"	3-1/16"	6	MRO-Z	Z	.413	5-1/4"	3-7/8"	6



Made In



- ◆ 135° Split Point
- ◆ Ground Flute
- ◆ 3-Flat Shank on #1-12
- ◆ Heavy Duty Web for Strength & Rigidity
- ◆ Black & Gold Finish
- ◆ M2 HSS

- ➔ Cast Iron
- ➔ Steel
- ➔ Steel Forging
- ➔ Stainless Steel



NOTE:
SIZES 40 → 60
HAVE NO
SPLIT POINT.

MRO Black & Gold Wire Gauge Drills - SUPER HEAVY DUTY

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
MRO-01	1	.2280	3-7/8"	2-5/8"	12	MRO-21	21	.1590	3-1/4"	2-1/8"	12
MRO-02	2	.2210	3-7/8"	2-5/8"	12	MRO-22	22	.1570	3-1/8"	2"	12
MRO-03	3	.2130	3-3/4"	2-1/2"	12	MRO-23	23	.1540	3-1/8"	2"	12
MRO-04	4	.2090	3-3/4"	2-1/2"	12	MRO-24	24	.1520	3-1/8"	2"	12
MRO-05	5	.2055	3-3/4"	2-1/2"	12	MRO-25	25	.1495	3"	1-7/8"	12
MRO-06	6	.2040	3-3/4"	2-1/2"	12	MRO-26	26	.1470	3"	1-7/8"	12
MRO-07	7	.2010	3-5/8"	2-7/16"	12	MRO-27	27	.1440	3"	1-7/8"	12
MRO-08	8	.1990	3-5/8"	2-7/16"	12	MRO-28	28	.1405	2-7/8"	1-3/4"	12
MRO-09	9	.1960	3-5/8"	2-7/16"	12	MRO-29	29	.1360	2-7/8"	1-3/4"	12
MRO-10	10	.1935	3-5/8"	2-7/16"	12	MRO-30	30	.1285	2-3/4"	1-5/8"	12
MRO-11	11	.1910	3-1/2"	2-5/16"	12	MRO-31	31	.1200	2-3/4"	1-5/8"	12
MRO-12	12	.1890	3-1/2"	2-5/16"	12	MRO-32	32	.1160	2-3/4"	1-5/8"	12
MRO-13	13	.1850	3-1/2"	2-5/16"	12	MRO-33	33	.1130	2-5/8"	1-1/2"	12
MRO-14	14	.1820	3-3/8"	2-3/16"	12	MRO-34	34	.1110	2-5/8"	1-1/2"	12
MRO-15	15	.1800	3-3/8"	2-3/16"	12	MRO-35	35	.1100	2-5/8"	1-1/2"	12
MRO-16	16	.1770	3-3/8"	2-3/16"	12	MRO-36	36	.1065	2-1/2"	1-7/16"	12
MRO-17	17	.1730	3-3/8"	2-3/16"	12	MRO-37	37	.1040	2-1/2"	1-7/16"	12
MRO-18	18	.1695	3-1/4"	2-1/8"	12	MRO-38	38	.1015	2-1/2"	1-7/16"	12
MRO-19	19	.1660	3-1/4"	2-1/8"	12	MRO-39	39	.0995	2-3/8"	1-3/8"	12
MRO-20	20	.1610	3-1/4"	2-1/8"	12	MRO-40	40	.0980	2-3/8"	1-3/8"	12

**Sizes 41-60 are available upon request.



MRO

MADE IN USA



Made In



Black & Gold

- ◆ Jobber Length
 - ◆ 135° Split Point
 - ◆ Ground Flute
 - ◆ Straight Shank
 - ◆ Heavy Duty Web
 - ◆ Black & Gold Finish
 - ◆ M2 HSS
- Cast Iron
→ Steel
→ Steel Forging
→ Stainless Steel



Parabolic Jobber Drills - SUPER HEAVY DUTY - M2 HSS

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
PB-0464	1/16"	.0625	1-7/8"	7/8"	12	PB-1964	19/64"	.2969	4-3/8"	3-1/16"	12
PB-0564	5/64"	.0781	2"	1"	12	PB-2064	5/16"	.3125	4-1/2"	3-3/16"	12
PB-0664	3/32"	.0938	2-1/4"	1-1/4"	12	PB-2164	21/64"	.3281	4-5/8"	3-5/16"	6
PB-0764	7/64"	.1094	2-5/8"	1-1/2"	12	PB-2264	11/32"	.3438	4-3/4"	3-7/16"	6
PB-0864	1/8"	.1250	2-3/4"	1-5/8"	12	PB-2364	23/64"	.3594	4-7/8"	3-1/2"	6
PB-0964	9/64"	.1406	2-7/8"	1-3/4"	12	PB-2464	3/8"	.3750	5"	3-5/8"	6
PB-1064	5/32"	.1562	3-1/8"	2"	12	PB-2564	25/64"	.3906	5-1/8"	3-3/4"	6
PB-1164	11/64"	.1719	3-1/4"	2-1/8"	12	PB-2664	13/32"	.4062	5-1/4"	3-7/8"	6
PB-1264	3/16"	.1875	3-1/2"	2-5/16"	12	PB-2764	27/64"	.4219	5-3/8"	3-15/16"	6
PB-1364	13/64"	.2031	3-5/8"	2-7/16"	12	PB-2864	7/16"	.4375	5-1/2"	4-1/16"	6
PB-1464	7/32"	.2188	3-3/4"	2-1/2"	12	PB-2964	29/64"	.4531	5-5/8"	4-3/16"	6
PB-1564	15/64"	.2344	3-7/8"	2-5/8"	12	PB-3064	15/32"	.4688	5-3/4"	4-5/16"	6
PB-1664	1/4"	.2500	4"	2-3/4"	12	PB-3164	31/64"	.4844	5-7/8"	4-3/8"	6
PB-1764	17/64"	.2656	4-1/8"	2-7/8"	12	PB-3264	1/2"	.5000	6"	4-1/2"	6
PB-1864	9/32"	.2812	4-1/4"	2-15/16"	12						

Extra Heavy Duty Web

30% thicker than even heavy duty webs, resists the extra shear stress found in deep hole drilling.

Parabolic Flute

Fast parabolic spiral allows deep hole drilling without frequent drill removal to clear chips.

Made In



- ◆ Jobber Length
 - ◆ 135° Split Point
 - ◆ Ground Flute
 - ◆ Straight Shank
 - ◆ Heavy Duty Web
 - ◆ Gold Finish
 - ◆ M42 Super Cobalt
- Hardened Steel
→ Stainless Steel
→ High Temp Alloys
→ Heat Treated Materials
→ Abrasive Plastics



Cobalt Jobber Drills - SUPER HEAVY DUTY - M42 SUPER COBALT

Part #	Size	Dec.	OAL	Flute	Qty.	Part #	Size	Dec.	OAL	Flute	Qty.
CO-0464	1/16"	.0625	1-7/8"	7/8"	12	CO-1964	19/64"	.2969	4-3/8"	3-1/16"	12
CO-0564	5/64"	.0781	2"	1"	12	CO-2064	5/16"	.3125	4-1/2"	3-3/16"	12
CO-0664	3/32"	.0938	2-1/4"	1-1/4"	12	CO-2164	21/64"	.3281	4-5/8"	3-5/16"	6
CO-0764	7/64"	.1094	2-5/8"	1-1/2"	12	CO-2264	11/32"	.3438	4-3/4"	3-7/16"	6
CO-0864	1/8"	.1250	2-3/4"	1-5/8"	12	CO-2364	23/64"	.3594	4-7/8"	3-1/2"	6
CO-0964	9/64"	.1406	2-7/8"	1-3/4"	12	CO-2464	3/8"	.3750	5"	3-5/8"	6
CO-1064	5/32"	.1562	3-1/8"	2"	12	CO-2564	25/64"	.3906	5-1/8"	3-3/4"	6
CO-1164	11/64"	.1719	3-1/4"	2-1/8"	12	CO-2664	13/32"	.4062	5-1/4"	3-7/8"	6
CO-1264	3/16"	.1875	3-1/2"	2-5/16"	12	CO-2764	27/64"	.4219	5-3/8"	3-15/16"	6
CO-1364	13/64"	.2031	3-5/8"	2-7/16"	12	CO-2864	7/16"	.4375	5-1/2"	4-1/16"	6
CO-1464	7/32"	.2188	3-3/4"	2-1/2"	12	CO-2964	29/64"	.4531	5-5/8"	4-3/16"	6
CO-1564	15/64"	.2344	3-7/8"	2-5/8"	12	CO-3064	15/32"	.4688	5-3/4"	4-5/16"	6
CO-1664	1/4"	.2500	4"	2-3/4"	12	CO-3164	31/64"	.4844	5-7/8"	4-3/8"	6
CO-1764	17/64"	.2656	4-1/8"	2-7/8"	12	CO-3264	1/2"	.5000	6"	4-1/2"	6
CO-1864	9/32"	.2812	4-1/4"	2-15/16"	12						

29 PC Jobber Sets - Bullet Case

Part #	Set	Sizes	Type	Drills	Point
BG-1	29 pc	1/16" → 1/2" x 64ths	BLACK & GOLD	p. 17	135° S.P.
BX-1	29 pc	1/16" → 1/2" x 64ths	BLACK OXIDE	p. 12	135° S.P.
CX-1	29 pc	1/16" → 1/2" x 64ths	COBALT	p. 20	135° S.P.
TI-1	29 pc	1/16" → 1/2" x 64ths	TITANIUM	p. 22	135° S.P.
BT-1	29 pc	1/16" → 1/2" x 64ths	BRIGHT	p. 10	118°
MC-1	29 pc	1/16" → 1/2" x 64ths	MECHANICS 3-FLAT*	p. 18	135° S.P.
MRO-1	29 pc	1/16" → 1/2" x 64ths	MRO 3-FLAT*	p. 24	135° S.P.
PB-1	29 pc	1/16" → 1/2" x 64ths	PARABOLIC*	p. 26	135° S.P.
CO-1	29 pc	1/16" → 1/2" x 64ths	COBALT*	p. 26	135° S.P.

◆ Huot Bullet Case

* Made in USA

S.P. = Split Point



Mechanics
Black & Gold
MC-1



Black & Gold
BG-1



Black Oxide
BX-1



Cobalt
CX-1



Titanium
TI-1



Bright
BT-1



13 PC Jobber Sets - Straight Shank

Part #	Set	Sizes	Type	Drills	Point
AD-13	13 pc	1/16" → 1/4" x 64ths	Black Oxide	p.11	118°
BT-13	13 pc	1/16" → 1/4" x 64ths	Bright Finish	p.10	118°
SP-13	13 pc	1/16" → 1/4" x 64ths	Black Oxide	p.12	135° S.P.
BG-13	13 pc	1/16" → 1/4" x 64ths	Black & Gold	p.17	135° S.P.
CX-13	13 pc	1/16" → 1/4" x 64ths	Cobalt	p.20	135° S.P.
CO-13	13 pc	1/16" → 1/4" x 64ths	Cobalt*	p.26	135° S.P.
TI-13	13 pc	1/16" → 1/4" x 64ths	Titanium	p.22	135° S.P.
MRO-13	13 pc	1/16" → 1/4" x 64ths	MRO 3-FLAT*	p.24	135° S.P.
PB-13	13 pc	1/16" → 1/4" x 64ths	Parabolic*	p.26	135° S.P.

◆ Metal Huot Case

* Made in USA

S.P. = Split Point



15 PC Jobber Sets - Straight Shank

Part #	Set	Sizes	Type	Drills	Point
SP-15	15 pc	1/16" → 1/2" x 32nds	Black Oxide	p.12	135° S.P.
BG-15	15 pc	1/16" → 1/2" x 32nds	Black & Gold	p.17	135° S.P.
CX-15	15 pc	1/16" → 1/2" x 32nds	Cobalt	p.20	135° S.P.
CO-15	15 pc	1/16" → 1/2" x 32nds	Cobalt*	p.26	135° S.P.
MRO-15	15 pc	1/16" → 1/2" x 32nds	MRO 3-FLAT*	p.24	135° S.P.
PB-15	15 pc	1/16" → 1/2" x 32nds	Parabolic*	p.26	135° S.P.

◆ Metal Huot Case

* Made in USA

S.P. = Split Point



29 PC Jobber Sets - Straight Shank

Part #	Set	Sizes	Type	Drills	Point
AD-29	29 pc	1/16" → 1/2" x 64ths	Black Oxide	p.11	118°
BT-29	29 pc	1/16" → 1/2" x 64ths	Bright Finish	p.10	118°
SP-29	29 pc	1/16" → 1/2" x 64ths	Black Oxide	p.12	135° S.P.
BG-29	29 pc	1/16" → 1/2" x 64ths	Black & Gold	p.17	135° S.P.
CX-29	29 pc	1/16" → 1/2" x 64ths	Cobalt	p.20	135° S.P.
CO-29	29 pc	1/16" → 1/2" x 64ths	Cobalt*	p.26	135° S.P.
TI-29	29 pc	1/16" → 1/2" x 64ths	Titanium	p.22	135° S.P.
MRO-29	29 pc	1/16" → 1/2" x 64ths	MRO 3-FLAT*	p.24	135° S.P.
PB-29	29 pc	1/16" → 1/2" x 64ths	Parabolic*	p.26	135° S.P.

◆ Metal Huot Case

* Made in USA

S.P. = Split Point

29 PC Jobber Sets - 3/8" Shank

Part #	Set	Sizes	Type	Drills	Point
SP-29R	29 pc	1/16" → 1/2" x 64ths	Black Oxide	p.13	135° S.P.
BG-29R	29 pc	1/16" → 1/2" x 64ths	Black & Gold	p.18	135° S.P.
CX-29R	29 pc	1/16" → 1/2" x 64ths	Cobalt	p.21	135° S.P.

1/16" - 3/8" STRAIGHT SHANK, 25/64" - 1/2" WITH 3/8" SHANK

S.P. = Split Point

◆ Metal Huot Case



8 PC Silver & Deming Sets

Part #	Set	Sizes	Type	Drills	Point
AD-8	8 pc	See Below	Black Oxide	p.15	118°
BG-8	8 pc	See Below	Black & Gold	p.19	118°
CX-8	8 pc	See Below	Cobalt	p.21	135° S.P.

ALL SETS: 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"

S.P. = Split Point

◆ Metal Huot Case



60 PC Wire Gauge Sets

Part #	Set	Sizes	Type	Drills	Point
SP-60	60 pc	#1 → #60	Black Oxide	p.12	135° S.P.
BG-60	60 pc	#1 → #60	Black & Gold	p.17	135° S.P.
CX-60	60 pc	#1 → #60	Cobalt	p.20	135° S.P.

S.P. = Split Point

◆ Metal Huot Case





LETTER A → Z Sets - Straight Shank

Part #	Set	Sizes	Type	Drills	Point
SP-AZ	26 pc	A → Z	Black Oxide	p.13	135° S.P.
BG-AZ	26 pc	A → Z	Black & Gold	p.19	135° S.P.

◆ Metal Huot Case

S.P. = Split Point



115 PC MASTER Sets - Straight Shank

Part #	Set	Sizes	Type	Drills	Point
SP-115	115 pc	See Below	Black Oxide	p.12	135° S.P.
BG-115	115 pc	See Below	Black & Gold	p.17	135° S.P.
CX-115	115 pc	See Below	Cobalt	p.20	135° S.P.

JOBBER SIZES: 1/16" → 1/2", WIRE GAUGE DRILL SIZES #1 → #60,
 LETTER SIZES: A → Z. STRAIGHT SHANK.

◆ Metal Huot Case

S.P. = Split Point



METRIC Sets - Straight Shank

Part #	Set	Sizes	Type	Drills	Point
MM-11	11 pc	1.00MM → 6.00MM	Black Oxide	p.13	118°
MM-25	25 pc	1.00MM → 13.00MM	Black Oxide	p.13	118°

◆ Metal Huot Case



TAP & DRILL Sets - CARBON / HSS TAPS

Part #	Sizes	Type	Drills	Point
CD-SP-019	See Below	Carbon Taps	p.11	118°
TD-SP-019	See Below	HSS Taps	p.12	135° S.P.

HSS DRILL BIT SIZES: #36, #29, #25, #21, #7, F, 5/16", U, 27/64"
 TAP SIZES: 6-32, 8-32, 10-24, 10-32, 1/4"-20, 5/16"-18, 3/8"-16, 7/16"-14, 1/2"-13

◆ Metal Huot Case

525 Pc. Dispenser Contains:

24- 1/16"	24- 5/64"	48- 3/32"	24- 7/64"	72- 1/8"
24- 9/64"	36- 5/32"	24- 11/64"	48- 3/16"	24- 13/64"
24- 7/32"	12- 15/64"	60- 1/4"	3- 17/64"	12- 9/32"
3- 19/64"	12- 5/16"	3- 21/64"	3- 11/32"	3- 23/64"
12- 3/8"	3- 25/64"	3- 13/32"	3- 27/64"	6- 7/16"
3- 29/64"	3- 15/32"	3- 31/64"	6- 1/2"	

This attractive drill bit merchandiser puts all 29 essential jobber sizes at your fingertips. Made of heavy duty steel construction, this deep red cabinet dispenser fits perfectly on any counter top. Comes with lock and key.



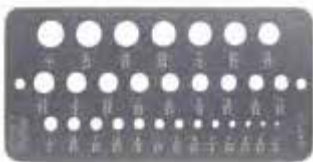
525 PC Jobber Countertop Dispenser

Part #	Set	Sizes	Type	Drills	Point
SP-525	525 pc	1/16" → 1/2" x 64ths	Black Oxide	p.12	135° S.P.
BG-525	525 pc	1/16" → 1/2" x 64ths	Black & Gold	p.17	135° S.P.
MC-525	525 pc	1/16" → 1/2" x 64ths	Mechanics*	p.18	135° S.P.
CX-525	525 pc	1/16" → 1/2" x 64ths	Cobalt	p.20	135° S.P.
MRO-525	525 pc	1/16" → 1/2" x 64ths	MRO 3-FLAT*	p.24	135° S.P.

S.P. = Split Point

* Made in USA

◆ Metal Huot Case



Metal Drill Gauges

Part #	Description	Sizes
29GAUGE	29 Hole Gauge	1/16" → 1/2"
60GAUGE	60 Hole Gauge	#1 → #60 Wire



Single (1) Flute Counter Sinks - HSS

- ◆ HSS
- ◆ Milled Body
- ◆ Ground Flute
- Iron
- Steel
- Plastic
- Light to Medium Metals

60° Part #	82° Part #	90° Part #	100° Part #	Size	Shank Diameter	Shank Length	OAL
CI-60-1264	CI-82-1264	CI-90-1264	CI-100-1264	3/16"	3/16"	3/4"	1-1/2"
CI-60-1664	CI-82-1664	CI-90-1664	CI-100-1664	1/4"	1/4"	3/4"	2"
CI-60-2064	CI-82-2064	CI-90-2064	CI-100-2064	5/16"	1/4"	1"	2"
CI-60-2464	CI-82-2464	CI-90-2464	CI-100-2464	3/8"	1/4"	1"	2"
CI-60-3264	CI-82-3264	CI-90-3264	CI-100-3264	1/2"	1/4"	1"	2"
CI-60-4064	CI-82-4064	CI-90-4064	CI-100-4064	5/8"	3/8"	1-1/8"	2-3/4"
CI-60-4864	CI-82-4864	CI-90-4864	CI-100-4864	3/4"	3/8"	1-5/16"	2-3/4"
CI-60-5064	CI-82-5064	CI-90-5064	CI-100-5064	7/8"	1/2"	1-5/16"	2-3/4"
CI-60-6464	CI-82-6464	CI-90-6464	CI-100-6464	1"	1/2"	1-5/16"	2-3/4"



Three (3) Flute Counter Sinks - HSS

60° Part #	82° Part #	90° Part #	100° Part #	Size	Shank Diameter	Shank Length	OAL
R3-60-1664	R3-82-1664	R3-90-1664	R3-100-1664	1/4"	3/16"	3/4"	1-1/2"
R3-60-2464	R3-82-2464	R3-90-2464	R3-100-2464	3/8"	1/4"	7/8"	2-3/4"
R3-60-3264	R3-82-3264	R3-90-3264	R3-100-3264	1/2"	3/8"	1"	2"
R3-60-4064	R3-82-4064	R3-90-4064	R3-100-4064	5/8"	3/8"	1"	2-1/4"
R3-60-4864	R3-82-4864	R3-90-4864	R3-100-4864	3/4"	1/2"	1-1/4"	2-5/8"
R3-60-6464	R3-82-6464	R3-90-6464	R3-100-6464	1"	1/2"	1-1/4"	2-3/4"




CARDED


Part # SE-006-16
6 Pc. Screw Extractor Set
 #1, #2, #3, #4, #5, #6
Price Each \$22.08




Screw Extractor - LEFT HAND SPIRAL FLUTE

Part #	Size	Shank Diameter	Removes Screws or	Pipe
SE0001	1	5/64"	3/32" to 5/32"	
SE0002	2	7/64"	5/32" to 7/32"	
SE0003	3	5/32"	7/32" to 9/32"	
SE0004	4	1/4"	9/32" to 3/8"	1/8" Pipe
SE0005	5	19/64"	3/8" to 5/8"	1/4" Pipe
SE0006	6	13/32"	5/8" to 7/8"	3/8" Pipe
SE0007	7	17/32"	7/8" to 1-1/8"	1/2" Pipe
SE0008	8	13/16"	1-1/8" to 1-3/8"	3/4" Pipe
SE0009	9	1-1/16"	1-3/8" to 2"	1" Pipe

TAPER
 8 to 10 threads chamfered for easy thread starting in tough material.

PLUG
 3 to 5 threads chamfered for general use when tapping to bottom of hole is not critical. **This is the most popular tap of all three styles.**

BOTTOM
 1-1/2 threads chamfered for use after threads have been started. Used for clean tapping to bottom of holes.

NC = National Course
NF = National Fine



Packaging:
Sizes
0-80 → 1/2"-20
5 / box

Sold Individually
over 1/2"-20.

DRILL THIS SIZE HOLE			TO TAP FOR THIS BOLT OR SCREW
DECIMAL INCHES	DRILL SIZE	NEAREST FRACTION	
.0469"	3/64"	3/64"	0-80 NF
.0595"	No. 53	none	1-64 NC
.0595"	No. 53	1/16"	1-72 NF
.0700"	No. 50	none	2-56 NC
.0700"	No. 50	none	2-64 NF
.0785"	No. 47	5/64"	3-48 NC
.0820"	No. 45	none	3-56 NF
.0860"	No. 44	none	4-36 NS
.0890"	No. 43	3/32"	4-40 NC
.0935"	No. 42	3/32"	4-48 NF
.0984"	2.5mm	none	3mm-0.60mm
.1015"	No. 38	none	1/8-40 NS
.1015"	No. 38	none	5-40 NC
.1040"	No. 37	none	5-44 NF
.1100"	No. 35	7/64"	6-32 NC
.1110"	No. 34	none	6-36 NS
.1130"	No. 33	none	6-40 NF
.1200"	No. 31	none	6-48 NS
.1338"	3.4mm	none	4mm-0.70mm
.1338"	3.4mm	none	4mm-0.75mm
.1360"	No. 29	none	8-32 NC
.1360"	No. 29	9/64"	8-36 NF
.1405"	No. 28	none	8-40 NS
.1470"	No. 26	none	3/16-24 NS
.1495"	No. 25	5/32"	10-24 NC
.1570"	No. 22	none	3/16-32 NS
.1590"	No. 21	5/32"	10-32 NF
.1653"	4.2mm	none	5mm-0.90mm
.1693"	4.3mm	none	5mm-0.80mm
.1770"	No. 16	11/64"	12-24 NC
.1820"	No. 14	3/16"	12-28 NF
.1850"	No. 13	none	12-32 NEF
.1935"	No. 10	none	14-20 NS
.2010"	No. 7	13/64"	1/4-20 NC
.2010"	No. 7	none	14-24 NS
.2047"	5.2mm	none	6mm-1.00mm
.2090"	No. 4	none	1/4-24 NS
.2130"	No. 3	7/32"	1/4-28 NF
.2188"	7/32"	7/32"	1/4-32 NEF
.2280"	No. 1	none	1/4-40 NS
.2401"	6.1mm	15/64"	7mm-1.00mm
.2570"	Ltr. F	17/64"	5/16-18 NC
.2716"	6.9mm	17/64"	8mm-1.25mm
.2720"	Ltr. I	none	5/16-24 NF
.2795"	7.1mm	none	8mm-1.00mm
.2812"	9/32"	9/32"	5/16-32 NEF
.3110"	7.9mm	none	9mm-1.25mm
.3125"	5/16"	5/16"	3/8-16 NC

DRILL THIS SIZE HOLE			TO TAP FOR THIS BOLT OR SCREW
DECIMAL INCHES	DRILL SIZE	NEAREST FRACTION	
.3189"	8.1mm	none	9mm-1.00mm
.3268"	8.3mm	none	9mm-0.75mm
.3320"	Ltr. Q	21/64"	3/8-24 NF
.3425"	8.7mm	none	10mm-1.50mm
.3503"	8.9mm	11/32"	10mm-1.25mm
.3583"	9.1mm	none	*10mm-1.00mm
.3680"	Ltr. U	23/64"	7/16"-14 NC
.3818"	9.7mm	none	11mm-1.50mm
.3906"	25/64"	25/64"	7/16-20 NF
.4133"	10.5mm	none	12mm-1.75mm
.4212"	10.7mm	27/64"	12mm-1.50mm
.4219"	27/64"	27/64"	1/2-13 NC
.4291"	10.9mm	27/64"	*12mm-1.25mm
.4531"	29/64"	29/64"	1/2-20 NF
.4531"	29/64"	29/64"	1/2-24 NS
.4803"	12.2mm	none	14mm-2.00mm
.4844"	31/64"	31/64"	9/16-12 NC
.4999"	12.7mm	none	14mm-1.50mm
.5039"	12.8mm	none	*14mm-1.25mm
.5156"	33/64"	33/64"	9/16-18 NF
.5312"	17/32"	17/32"	5/8-11 NC
.5590"	14.2mm	35/64"	16mm-2.00mm
.5781"	37/64"	37/64"	5/8-18 NF
.5787"	14.7mm	none	16mm-1.50mm
.5938"	19/32"	19/32"	11/16-11 NS
.6220"	15.8mm	39/64"	18mm-2.50mm
.6250"	5/8"	5/8"	11/16-16 NS
.6562"	21/32"	21/32"	3/4-10 NC
.6614"	16.8mm	none	*18mm-1.50mm
.6875"	11/16"	11/16"	3/4-16 NF
.7008"	17.8mm	11/16"	20mm-2.50mm
.7656"	49/64"	49/64"	7/8-9 NC
.8125"	13/16"	13/16"	7/8-14 NF
.8228"	20.9mm	none	22mm-1.50mm
.8281"	53/64"	53/64"	*7/8-18 NS
.8425"	21.4mm	53/64"	24mm-3.00mm
.8750"	7/8"	7/8"	1-8 NC
.8779"	22.3mm	none	24mm-2.00mm
.9219"	59/64"	59/64"	1-12 NF
.9375"	15/16"	15/16"	1-14 NS
.9844"	63/64"	63/64"	1-1/8 - 7 NC
1.0469"	1-3/64"	1-3/64"	1-1/8 - 12 NF
1.1094"	1-7/64"	1-7/64"	1-1/4 - 7 NC
1.1719"	1-11/64"	1-11/64"	1-1/4 - 12 NF
1.2188"	1-7/32"	1-7/32"	1-3/8 - 6 NC
1.2969"	1-19/64"	1-19/64"	1-3/8 - 12 NF
1.3468"	1-11/32"	1-11/32"	1-1/2 - 6 NC
1.4219"	1-27/64"	1-27/64"	1-1/2 - 12 NF

* Spark Plug Taps.



NPT Tap-Drill Chart
 Available on Page 36.



Carbon Steel Hand Taps - MACHINE SCREW

PART #			Machine Screw Thread	No. Of Flutes	Ground Thread Limit	OAL	Use Thread Length	Drill Size
TAPER	PLUG	BOTTOM						
C62NC0004	C63NC0004	C64NC0004	4-40 NC	3	H2	1-7/8"	9/16"	43
C62NF0004	C63NF0004	C64NF0004	4-48 NF	3	H2	1-7/8"	9/16"	42
C62NC0005	C63NC0005	C64NC0005	5-40 NC	3	H2	1-15/16"	7/8"	38
C62NF0005	C63NF0005	C64NF0005	5-44 NF	3	H2	1-15/16"	7/8"	37
C62NC0006	C63NC0006	C64NC0006	6-32 NC	3	H2	2"	11/16"	35
C62NF0006	C63NF0006	C64NF0006	6-40 NF	3	H2	2"	11/16"	33
C62NC0008	C63NC0008	C64NC0008	8-32 NC	4	H3	2-1/8"	3/4"	29
C62NF0008	C63NF0008	C64NF0008	8-36 NF	4	H3	2-1/8"	3/4"	29
C62NC0010	C63NC0010	C64NC0010	10-24 NC	4	H3	2-3/8"	7/8"	25
C62NF0010	C63NF0010	C64NF0010	10-32 NF	4	H3	2-3/8"	7/8"	21
C62NC0012	C63NC0012	C64NC0012	12-24 NC	4	H3	2-3/8"	15/16"	16
C62NF0012	C63NF0012	C64NF0012	12-28 NF	4	H3	2-3/8"	15/16"	14

Carbon Steel Hand Taps - FRACTIONAL

PART #			Machine Screw Thread	No. Of Flutes	Ground Thread Limit	OAL	Use Thread Length	Drill Size
TAPER	PLUG	BOTTOM						
C65NC0310	C66NC0310	C67NC0310	1/4"-20 NC	4	H3	2-1/2"	1"	7
C65NF0312	C66NF0312	C67NF0312	1/4"-28 NF	4	H3	2-1/2"	1"	3
C65NC0315	C66NC0315	C67NC0315	5/16"-18 NC	4	H3	2-23/32"	1-1/8"	F
C65NF0316	C66NF0316	C67NF0316	5/16"-24 NF	4	H3	2-23/32"	1-1/8"	I
C65NC0318	C66NC0318	C67NC0318	3/8"-16 NC	4	H3	2-15/16"	1-1/4"	5/16"
C65NF0319	C66NF0319	C67NF0319	3/8"-24 NF	4	H3	2-15/16"	1-1/4"	Q
C65NC0320	C66NC0320	C67NC0320	7/16"-14 NC	4	H3	3-5/32"	1-7/16"	U
C65NF0321	C66NF0321	C67NF0321	7/16"-20 NF	4	H3	3-5/32"	1-7/16"	25/64"
C65NC0322	C66NC0322	C67NC0322	1/2"-13 NC	4	H3	3-3/8"	1-21/32"	27/64"
C65NF0323	C66NF0323	C67NF0323	1/2"-20 NF	4	H3	3-3/8"	1-21/32"	29/64"
C65NC0325	C66NC0325	C67NC0325	9/16"-12 NC	4	H3	3-19/32"	1-21/32"	31/64"
C65NF0326	C66NF0326	C67NF0326	9/16"-18 NF	4	H3	3-19/32"	1-21/32"	33/64"
C65NC0327	C66NC0327	C67NC0327	5/8"-11 NC	4	H3	3-13/16"	1-13/16"	17/32"
C65NF0328	C66NF0328	C67NF0328	5/8"-18 NF	4	H3	3-13/16"	1-13/16"	37/64"
C65NC0331	C66NC0331	C67NC0331	3/4"-10 NC	4	H3	4-1/4"	2"	21/32"
C65NF0332	C66NF0332	C67NF0332	3/4"-16 NF	4	H3	4-1/4"	2"	11/16"
C65NC0333	C66NC0333	C67NC0333	7/8"-9 NC	4	H4	4-11/16"	2-7/32"	49/64"
C65NF0334	C66NF0334	C67NF0334	7/8"-14 NF	4	H4	4-11/16"	2-7/32"	13/16"
C65NC0335	C66NC0335	C67NC0335	1"-8 NC	4	H4	5-1/8"	2-1/2"	7/8"
C65NF0336	C66NF0336	C67NF0336	1"-12 NF	4	H4	5-1/8"	2-1/2"	59/64"
C65NS0337	C66NS0337	C67NS0337	1"-14 NS	4	H4	5-1/8"	2-1/2"	15/16"
C65NC0338	C66NC0338	C67NC0338	1-1/8"- 7 NC	4	H4	5-7/16"	2-9/16"	63/64"



5 PCS. PER
PACK FROM
4-40 TO
1/2"-20.
SOLD
1 PC.
OVER 1/2"-20.

(HSS) High Speed Steel Hand Taps - MACHINE SCREW GROUND THREAD

PART #			Machine Screw Thread	No. Of Flutes	Ground Thread Limit	OAL	Use Thread Length	Drill Size
TAPER	PLUG	BOTTOM						
262NC0004	263NC0004	264NC0004	4-40 NC	3	H2	1-7/8"	9/16"	43
262NF0004	263NF0004	264NF0004	4-48 NF	3	H2	1-7/8"	9/16"	42
262NC0005	263NC0005	264NC0005	5-40 NC	3	H2	1-15/16"	7/8"	38
262NF0005	263NF0005	264NF0005	5-44 NF	3	H2	1-15/16"	7/8"	37
262NC0006	263NC0006	264NC0006	6-32 NC	3	H2	2"	11/16"	35
262NF0006	263NF0006	264NF0006	6-40 NF	3	H2	2"	11/16"	33
262NC0008	263NC0008	264NC0008	8-32 NC	4	H3	2-1/8"	3/4"	29
262NF0008	263NF0008	264NF0008	8-36 NF	4	H3	2-1/8"	3/4"	29
262NC0010	263NC0010	264NC0010	10-24 NC	4	H3	2-3/8"	7/8"	25
262NF0010	263NF0010	264NF0010	10-32 NF	4	H3	2-3/8"	7/8"	21
262NC0012	263NC0012	264NC0012	12-24 NC	4	H3	2-3/8"	15/16"	16
262NF0012	263NF0012	264NF0012	12-28 NF	4	H3	2-3/8"	15/16"	14



(HSS) High Speed Steel Hand Taps - FRACTIONAL GROUND THREAD

PART #			Machine Screw Thread	No. Of Flutes	Ground Thread Limit	OAL	Use Thread Length	Drill Size
TAPER	PLUG	BOTTOM						
265NC0310	266NC0310	267NC0310	1/4"-20 NC	4	H3	2-1/2"	1"	7
265NF0312	266NF0312	267NF0312	1/4"-28 NF	4	H3	2-1/2"	1"	3
265NC0315	266NC0315	267NC0315	5/16"-18 NC	4	H3	2-23/32"	1-1/8"	F
265NF0316	266NF0316	267NF0316	5/16"-24 NF	4	H3	2-23/32"	1-1/8"	I
265NC0318	266NC0318	267NC0318	3/8"-16 NC	4	H3	2-15/16"	1-1/4"	5/16"
265NF0319	266NF0319	267NF0319	3/8"-24 NF	4	H3	2-15/16"	1-1/4"	Q
265NC0320	266NC0320	267NC0320	7/16"-14 NC	4	H3	3-5/32"	1-7/16"	U
265NF0321	266NF0321	267NF0321	7/16"-20 NF	4	H3	3-5/32"	1-7/16"	25/64"
265NC0322	266NC0322	267NC0322	1/2"-13 NC	4	H3	3-3/8"	1-21/32"	27/64"
265NF0323	266NF0323	267NF0323	1/2"-20 NF	4	H3	3-3/8"	1-21/32"	29/64"
265NC0325	266NC0325	267NC0325	9/16"-12 NC	4	H3	3-19/32"	1-21/32"	31/64"
265NF0326	266NF0326	267NF0326	9/16"-18 NF	4	H3	3-19/32"	1-21/32"	33/64"
265NC0327	266NC0327	267NC0327	5/8"-11 NC	4	H3	3-13/16"	1-13/16"	17/32"
265NF0328	266NF0328	267NF0328	5/8"-18 NF	4	H3	3-13/16"	1-13/16"	37/64"
265NS0329	266NS0329	267NS0329	11/16"-11 NS	4	H3	4-1/32"	1-13/16"	19/32"
265NS0330	266NS0330	267NS0330	11/16"-16 NS	4	H3	4-1/32"	1-13/16"	5/8"
265NC0331	266NC0331	267NC0331	3/4"-10 NC	4	H3	4-1/4"	2"	21/32"
265NF0332	266NF0332	267NF0332	3/4"-16 NF	4	H3	4-1/4"	2"	11/16"
265NC0333	266NC0333	267NC0333	7/8"-9 NC	4	H4	4-11/16"	2-7/32"	49/64"
265NF0334	266NF0334	267NF0334	7/8"-14 NF	4	H4	4-11/16"	2-7/32"	13/16"
265NC0335	266NC0335	267NC0335	1"-8 NC	4	H4	5-1/8"	2-1/2"	7/8"
265NF0336	266NF0336	267NF0336	1"-12 NF	4	H4	5-1/8"	2-1/2"	59/64"
265NS0337	266NS0337	267NS0337	1"-14 NS	4	H4	5-1/8"	2-1/2"	15/16"



5 PCS. PER PACK FROM 4-40 TO 1/2"-20. SOLD 1 PC. OVER 1/2"-20.



- ◆ National Pipe Tap
- ◆ High Speed Steel
- ◆ Ground Thread
- ◆ Heavy Duty



**SOLD INDIVIDUALLY
IN PLASTIC BOXES**

(HSS) NPT Taper Pipe Taps

Part #	Size	Threads Per Inch NPT Only	No. Of Flutes	OAL	Thread Length
265TP0464	1/16"	27	4	2-1/8"	11/16"
265TP0864	1/8"	27	4	2-1/8"	3/4"
265TP1664	1/4"	18	4	2-7/16"	1-1/16"
265TP2464	3/8"	18	4	2-9/16"	1-1/16"
265TP3264	1/2"	14	4	3-1/8"	1-3/8"
265TP4864	3/4"	14	5	3-1/4"	1-3/8"
265TP6464	1"	11.5	5	3-3/4"	1-3/4"
265TP8064	1-1/4"	11.5	5	4"	1-3/4"
265TP9664	1-1/2"	11.5	7	4-1/4"	1-3/4"
265TP9964	2"	11.5	7	4-1/2"	1-3/4"

- ◆ National Pipe Tap
- ◆ Carbon Steel
- ◆ Ground Thread
- ◆ General Purpose



**SOLD INDIVIDUALLY
IN PLASTIC BOXES**

(Carbon Steel) NPT Taper Pipe Taps

Part #	Size	Threads Per Inch NPT Only	No. Of Flutes	OAL	Thread Length
NPT0464	1/16"	27	4	2-1/8"	11/16"
NPT0864	1/8"	27	4	2-1/8"	3/4"
NPT1664	1/4"	18	4	2-7/16"	1-1/16"
NPT2464	3/8"	18	4	2-9/16"	1-1/16"
NPT3264	1/2"	14	4	3-1/8"	1-3/8"
NPT4864	3/4"	14	5	3-1/4"	1-3/8"
NPT6464	1"	11.5	5	3-3/4"	1-3/4"
NPT8864	1-1/4"	11.5	5	4"	1-3/4"
NPT9664	1-1/2"	11.5	7	4-1/4"	1-3/4"
NPT9964	2"	11.5	7	4-1/2"	1-3/4"

T-Handle Tap Wrench

Part #	O.D. Size
271TT0001	#0 - 1/4"
271TT0002	#10 - 1/2"



Tap Reamer Wrench

Part #	O.D. Size	Size
270TW0000	#0-1/4"	TW0
270TW0004	#0-3/8"	TW4
270TW0005	#7-1/2"	TW5
270TW0006	#7-3/4"	TW6
270TW0007	1/4" → 1-1/8"	TW7



NPT TAP-DRILL CHART



DRILL THIS SIZE HOLE			TO TAP FOR THIS BOLT OR SCREW
DECIMAL INCHES	DRILL SIZE	NEAREST FRACTION	
.3390"	Ltr. R	none	1/8-27 NPT
.4375"	7/16"	7/16"	1/4-18 NPT
.5781"	37/64"	37/64"	3/8- 8 NPT
.7031"	45/64"	45/64"	1/2-14 NPT
.9219"	59/64"	59/64"	3/4-14 NPT
1.1562"	1-5/32"	1-5/32"	1 - 11-1/2 NPT
1.5000"	1-1/2"	1-1/2"	1-1/4 - 11-1/2 NPT
1.7344"	1-47/64"	1-47/64"	1-1/2 - 11-1/2 NPT
2.2188"	2-3/16"	2-3/16"	2 - 11-1/2 NPT



Wrenches will accommodate all HSS & Carbon Hand Taps within O.D. size.
O.D. Size = Actual Tap Size (machine screw thread).

Combo Drill Taps - HSS

Part #	Thread Size	Drill Size	Thread Length	OAL
266TD0632	6-32	0.1095	11/16"	2"
266TD0832	8-32	0.1360	3/4"	2-1/8"
266TD0836	8-36	0.1360	3/4"	2-1/8"
266TD1024	10-24	0.1520	7/8"	2-3/8"
266TD1032	10-32	0.1520	7/8"	2-3/8"
266TD1224	12-24	0.1770	15/16"	2-3/8"
267TD1420	1/4"-20	0.2010	15/16"	2-1/2"
267TD1428	1/4"-28	0.2010	15/16"	2-1/2"
267TD5618	5/16"-18	0.2570	1-1/8"	3"
267TD3816	3/8"-16	0.3125	1-1/4"	3-1/2"
267TD3824	3/8"-24	0.3125	1-1/4"	3-1/2"
267TD7614	7/16"-14	0.3680	1-7/16"	3-7/8"
267TD1213	1/2"-13	0.4250	1-21/32"	4-1/4"



- ◆ High Speed Steel
- ◆ Ground Thread
- ◆ Heavy Duty

Drill and Tap holes in one operation, saving a complete set-up!

**SOLD INDIVIDUALLY
IN PLASTIC BOXES**

Spiral Point (Gun) Taps - HSS

Part #	Size	No. Of Flutes	OAL	Thread Length	Drill Size
265SP0632	6-32	2	2"	11/16"	35
265SP0832	8-32	2	2-1/8"	3/4"	29
265SP1024	10-24	2	2-3/8"	7/8"	25
265SP1032	10-32	2	2-3/8"	7/8"	25
265SP1224	12-24	2	2-3/8"	15/16"	16
265SP1420	1/4"-20	2	2-1/2"	1"	7
265SP1428	1/4"-28	2	2-1/2"	1"	7
265SP5618	5/16"-18	2	2-23/32"	1-1/8"	F
265SP3816	3/8"-16	3	2-15/16"	1-1/4"	5/16"
265SP1312	1/2"-13	3	3-3/8"	1-21/32"	27/64"



- ◆ High Speed Steel
- ◆ Ground Thread
- ◆ Heavy Duty

Spiral Point Taps are ideal for machine tapping through holes or blind holes with adequate bottom clearance.



**Sold
5/Pack**

Spiral Point (Gun) Taps - HSS Made in USA

Part #	Size	No. Of Flutes	OAL	Thread Length	Drill Size
GUN-0632	6-32	2	2"	11/16"	35
GUN-0832	8-32	2	2-1/8"	3/4"	29
GUN-1024	10-24	2	2-3/8"	7/8"	25
GUN-1032	10-32	2	2-3/8"	7/8"	25
GUN-1224	12-24	2	2-3/8"	15/16"	16
GUN-1420	1/4"-20	2	2-1/2"	1"	7
GUN-1428	1/4"-28	2	2-1/2"	1"	7
GUN-5618	5/16"-18	2	2-23/32"	1-1/8"	F
GUN-3816	3/8"-16	3	2-15/16"	1-1/4"	5/16"
GUN-1312	1/2"-13	3	3-3/8"	1-21/32"	27/64"
GUN-3410	3/4"-10	3	3-3/8"	1-21/32"	27/64"



- ◆ High Speed Steel
- ◆ Ground Thread
- ◆ Heavy Duty



Made In



**Sold
5/Pack**



NEW
 PACKAGING



- ◆ Individually Blister Packaged
- ◆ Industrial Quality
- Stainless Steel
- Ferrous Metals
- Non-Ferrous Metals
- ◆ 5/8" - 11 SPINDLE



Industrial Wire Cups

Part #	Size	Description	Wire Type
KCC075	2-3/4"	Knotted Cup	.020 Carbon Steel
KCS075	2-3/4"	Knotted Cup	.020 Stainless Steel
KCC100	4"	Knotted Cup	.020 Carbon Steel
KCC150	6"	Knotted Cup	.020 Carbon Steel
CCC075	3"	Crimped Cup	.014 Carbon Steel
CCC100	4"	Crimped Cup	.014 Carbon Steel

USE RED - NUT WIRE CUP
 ADAPTOR IN CLOCKWISE
 ROTATION ONLY.



The Red-Nut Wire Cup Adapter

Part #	Description
REDNUT	5/8"-11 Bolt and Nut Adaptor

- ◆ 3-Flat Shank
- ◆ For Use in 1/2" Handheld Drills
- ◆ Light Grinding





NEW
PACKAGING



Industrial Wire Wheels

Part #	Size	Description	Wire Type
TKW100	4"	Twist Knot Wheel	.020 Carbon Steel
SBW100	4"	Stringer Bead Wheel	.020 Carbon Steel
SBS100	4"	Stringer Bead Wheel	.020 Stainless Steel
SBW175	7"	Stringer Bead Wheel	.020 Carbon Steel
WBB120	12"	Walk Behind Wire Brush	.020 Carbon Steel (1" Spindle)

- ◆ Individually Blister Packaged
- ◆ Industrial Quality
- ➔ Stainless Steel
- ➔ Ferrous Metals
- ➔ Non-Ferrous Metals
- ◆ 5/8" - 11 SPINDLE



Hand Wire Brush

Part #	Description	Material
VIP100	Hand Wire Brush	Carbon Steel

APPLICATION	KNOTTED CUP WIRE BRUSH	CRIMPED CUP WIRE BRUSH	TWIST KNOT WIRE BRUSH	STRINGER BEAD WIRE BRUSH
DEBURRING (FINE)	⊗	⊗		
DEBURRING (COURSE)			⊗	⊗
EDGE BLENDING	⊗	⊗		
WELD, SCALE REMOVAL			⊗	⊗
WELD PREP				⊗
SURFACE FINISHING	⊗	⊗		
RUST OXIDE (FINE)	⊗	⊗		
RUST OXIDE (COARSE)			⊗	⊗
PAINT REMOVAL	⊗	⊗		
ROUGHENING	⊗	⊗	⊗	⊗
CLEANING	⊗	⊗		⊗
FLASH REMOVAL		⊗	⊗	
TOOL MARK REMOVAL		⊗	⊗	
EXPANSION JOINT		⊗	⊗	





Cylinder

Part #	Dia.	Cut	Qty.
CBA-1	1/4"	5/8"	1
CBA-3	3/8"	3/4"	1
CBA-5	1/2"	1"	1
CBA-7	3/4"	1"	1



Tree w/ Radius

Part #	Dia.	Cut	Qty.
CBF-1	1/4"	5/8"	1
CBF-3	3/8"	3/4"	1
CBF-5	1/2"	1"	1
CBF-6	5/8"	1"	1



14° Taper w/ Radius

Part #	Dia.	Cut	Qty.
CBL-1	1/4"	5/8"	1
CBL-3	3/8"	1-1/16"	1
CBL-4	1/2"	1-1/8"	1
CBL-5	5/8"	1-3/16"	1
CBL-7	3/4"	1-1/2"	1



Cylinder w/ End Cut

Part #	Dia.	Cut	Qty.
CBB-1	1/4"	5/8"	1
CBB-3	3/8"	3/4"	1
CBB-5	1/2"	1"	1
CBB-7	3/4"	1"	1



Tree w/ Point

Part #	Dia.	Cut	Qty.
CBG-1	1/4"	5/8"	1
CBG-3	3/8"	3/4"	1
CBG-5	1/2"	1"	1



Pointed Cone

Part #	Dia.	Cut	Qty.
CBM-2	1/4"	3/4"	1
CBM-4	3/8"	5/8"	1
CBM-5	1/2"	7/8"	1



Cylinder w/ Radius

Part #	Dia.	Cut	Qty.
CBC-1	1/4"	5/8"	1
CBC-3	3/8"	3/4"	1
CBC-5	1/2"	1"	1
CBC-6	5/8"	1"	1



Flame

Part #	Dia.	Cut	Qty.
CBH-1	1/4"	1/2"	1
CBH-5	1/2"	1-1/4"	1



Inverted Cone

Part #	Dia.	Cut	Qty.
CBN-1	1/4"	5/16"	1
CBN-2	3/8"	3/8"	1
CBN-4	1/2"	1/2"	1

Made In



- ◆ Solid Carbide
- ◆ Bright Finish
- Ferrous Metals
- Cast Iron
- Steel 40-55 Rc
- Steel 55-60 Rc
- Nickel
- Stainless Steel
- Weldments

Better For:

- Brass
- Bronze
- Copper



Ball

Part #	Dia.	Cut	Qty.
CBD-1	1/4"	1/4"	1
CBD-3	3/8"	3/8"	1
CBD-5	1/2"	1/2"	1



Cone 60°

Part #	Dia.	Cut	Qty.
CBJ-1	1/4"	3/16"	1
CBJ-3	3/8"	1/4"	1
CBJ-5	1/2"	7/16"	1



Oval

Part #	Dia.	Cut	Qty.
CBE-1	1/4"	3/8"	1
CBE-3	3/8"	5/8"	1
CBE-5	1/2"	7/8"	1
CBE-6	5/8"	1"	1



Cone 90°

Part #	Dia.	Cut	Qty.
CBK-1	1/4"	1/4"	1
CBK-3	3/8"	3/8"	1
CBK-5	1/2"	1/2"	1



Cylinder

Part #	Dia.	Cut	Qty.
SA-1NF	1/4"	3/4"	1
SA-3NF	3/8"	3/4"	1
SA-5NF	1/2"	1"	1
SA-6NF	5/8"	1"	1
SA-7NF	3/4"	1"	1



Ball

Part #	Dia.	Cut	Qty.
SD-1NF	1/4"	1/4"	1
SD-3NF	3/8"	3/8"	1
SD-5NF	1/2"	1/2"	1
SD-6NF	5/8"	5/8"	1
SD-7NF	3/4"	3/4"	1



Tree w/ Radius

Part #	Dia.	Cut	Qty.
SF-1NF	1/4"	3/4"	1
SF-3NF	3/8"	3/4"	1
SF-5NF	1/2"	1"	1
SF-6NF	5/8"	1"	1
SF-14NF	3/4"	1-1/4"	1



Cylinder w/ Radius

Part #	Dia.	Cut	Qty.
SC-1NF	1/4"	3/4"	1
SC-3NF	3/8"	3/4"	1
SC-5NF	1/2"	1"	1
SC-6NF	5/8"	1"	1
SC-7NF	3/4"	1"	1



Oval

Part #	Dia.	Cut	Qty.
SE-3NF	3/8"	5/8"	1
SE-5NF	1/2"	7/8"	1
SE-6NF	5/8"	1"	1
SE-7NF	3/4"	1"	1



14° Taper w/ Radius

Part #	Dia.	Cut	Qty.
SL-3NF	3/8"	1-1/16"	1
SL-4NF	1/2"	1-1/8"	1
SL-6NF	5/8"	1-5/16"	1
SL-7NF	3/4"	1-1/2"	1



Made In



- ◆ Solid Carbide
- ◆ Deep Flute
- ◆ Bright Finish

- Non-Ferrous (Soft) Metals**
 - Aluminum
 - Zinc
 - Plastics

SOLID CARBIDE BURS



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"

274MC0001
 13 Steps 1/8" - 1/2"



3/16"
 1/4"
 5/16"
 3/8"
 7/16"
 1/2"

274MC0002
 6 Steps 3/16" - 1/2"



1/4"
 5/16"
 3/8"
 7/16"
 1/2"
 9/16"
 5/8"
 11/16"
 3/4"

274MC0003
 9 Steps 1/4" - 3/4"



3/16"
 1/4"
 5/16"
 3/8"
 7/16"
 1/2"
 9/16"
 5/8"
 11/16"
 3/4"
 13/16"
 7/8"

274MC0004
 12 Steps 3/16" - 7/8"



7/16"
 1/2"
 9/16"
 5/8"
 11/16"
 3/4"
 13/16"
 7/8"
 15/16"
 1"
 1-1/16"
 1-1/8"

274MC0005
 12 Steps 7/16" - 1-1/8"



3/4"
 1/2"
 7/8"
 15/16"
 1"
 1-1/16"
 1-1/8"
 1-3/16"
 1-1/4"
 1-5/16"
 1-3/8"

274MC0006
 11 Steps 3/4" - 1-3/8"



3/8"
 7/16"
 3/4"
 For drilling 3 standard size holes to accommodate drive screws for knockout punches.

274MC0007
 3 Steps 3/8" - 3/4"



7/8"
 1-1/8"
 7/8" hole for 1/2" conduit.
 1-1/8" hole for 3/4" conduit.

274MC0008
 2 Steps 7/8" - 1-1/8"



7/8"
 1-1/8"
 1-7/32"
 1-1/4"
 1-3/8"
 1-7/32" hole for oil tight switches.

274MC0009
 5 Steps 7/8" - 1-3/8"

- ◆ HSS Step Drills
- ◆ Lobbed Non-Slip Shank
- ◆ Drill 1/8" Thick
- ◆ Double Flute
- ◆ Bright Finish

- Ferrous & Non-Ferrous Sheet Metals
- Plastic Laminates
- Sink Grade Stainless Steel
- Auto Body Repair
- Electrical
- HVAC



STEP DRILLS ARE SOLD INDIVIDUALLY.

Recommended Cutting Speeds:	
1/8" - 3/8"	1200RPM
3/8" - 1/2"	600 RPM
1/2" - 5/8"	400 RPM
5/8" - 3/4"	350 RPM
3/4" - 7/8"	300 RPM
1"	260 RPM
1-1/8"	240 RPM
1-1/2"	200 RPM

More accurate control of hole size in various sheet materials up to 1/8" thick. Each step bit drills a range of sizes. The further the bit advances, the larger the diameter of the hole gets. Because step drill bits enter the material one step at a time, the operator can drill the desired hole by counting the individual steps, or by using a washer as a simple stop. The self starting tip eliminates the need for pilot holes. Applications include junction boxes, switch boxes, metal studs, electrical applications, lighting fixtures, auto body work, and many other uses.



7/8"

274MC0010
 1 Cone 7/8"



3-FLAT SHANK

Reamer - CAR / Construction - Standard - HSS

Part #	Size	Point Diameter	OAL	Flute	Shank	Type
CRF-2464	3/8"	0.250	5"	4"	3/8"	3-Flat Car / Constr.
CRF-2864	7/16"	0.281	5-1/4"	4"	7/16"	3-Flat Car / Constr.
CRF-3264	1/2"	0.343	6"	4-1/2"	1/2"	3-Flat Car / Constr.
CRF-3664	9/16"	0.343	6-1/4"	4-1/2"	1/2"	3-Flat Car / Constr.
CRF-4064	5/8"	0.343	6-1/2"	4-1/2"	1/2"	3-Flat Car / Constr.
CRF-4464	11/16"	0.375	7"	4-1/2"	1/2"	3-Flat Car / Constr.
CRF-4864	3/4"	0.406	7-1/4"	5"	1/2"	3-Flat Car / Constr.
CRF-5264	13/16"	0.468	7-1/4"	5"	1/2"	3-Flat Car / Constr.
CRF-5664	7/8"	0.500	7-1/4"	5"	1/2"	3-Flat Car / Constr.
CRF-6064	15/16"	0.585	7-1/4"	5"	1/2"	3-Flat Car / Constr.
CRF-6464	1"	0.594	7-1/4"	5"	1/2"	3-Flat Car / Constr.
CRF-6864	1-1/16"	0.807	7-1/4"	5"	1/2"	3-Flat Car / Constr.

- ◆ High Speed Steel (HSS)
- ◆ Tapered Point
- ◆ Left-Hand Spiral
- ◆ Right-Hand Cut
- ◆ 3-Flat Shank

Made in Europe

Reaming Steel For Aligning Existing Holes & Bolt / Rivet Installation



Reamer - CAR - Standard - HEX - HSS

Part #	Size	Point Diameter	OAL	Flute	Shank	Type
CHX-4464	11/16"	0.375	6-3/8"	4-1/2"	1-1/16"	HEX Car
CHX-5264	13/16"	0.468	7"	5"	1-1/4"	HEX Car
CHX-6064	15/16"	0.585	7"	5"	1-7/16"	HEX Car
CHX-6864	1-1/16"	0.807	7"	5"	1-5/8"	HEX Car



- ◆ High Speed Steel (HSS)
- ◆ Tapered Point
- ◆ Left-Hand Spiral
- ◆ Right-Hand Cut
- ◆ HEX Nut Shank

Made in Europe



Made In



Black & Gold

- ◆ High Speed Steel (HSS)
 - ◆ Tapered Point
 - ◆ Left-Hand Spiral
 - ◆ Right-Hand Cut
 - ◆ 3-Flat Shank
- Structural Plate



3-FLAT SHANK

Reamer - CAR / Construction - Standard - HSS

Part #	Size	Point Diameter	OAL	Flute	Shank	Type
ASF-2464	3/8"	0.250	5"	4"	3/8"	3-Flat Car / Constr.
ASF-3264	1/2"	0.281	6"	4-1/2"	1/2"	3-Flat Car / Constr.
ASF-3664	9/16"	0.343	6-1/4"	4-1/2"	1/2"	3-Flat Car / Constr.
ASF-4064	5/8"	0.343	6-1/2"	4-1/2"	1/2"	3-Flat Car / Constr.
ASF-4464	11/16"	0.375	7"	4-1/2"	1/2"	3-Flat Car / Constr.
ASF-4864	3/4"	0.406	7-1/4"	5"	1/2"	3-Flat Car / Constr.
ASF-5264	13/16"	0.468	7-1/4"	5"	1/2"	3-Flat Car / Constr.
ASF-5664	7/8"	0.500	7-1/4"	5"	1/2"	3-Flat Car / Constr.
ASF-6064	15/16"	0.585	7-1/4"	5"	1/2"	3-Flat Car / Constr.
ASF-6464	1"	0.594	7-1/4"	5"	1/2"	3-Flat Car / Constr.
ASF-8064	1-1/4"	0.719	7-1/4"	5"	1/2"	3-Flat Car / Constr.

Reaming Steel For Aligning Existing Holes & Bolt / Rivet Installation

Made In



Black & Gold

- ◆ High Speed Steel (HSS)
 - ◆ Tapered Point
 - ◆ Left-Hand Spiral
 - ◆ Right-Hand Cut
 - ◆ 3-Flat Shank
- Structural Plate



3-FLAT SHANK

Reamer - CAR / Construction - *Fast Spiral* - HSS

Part #	Size	Point Diameter	OAL	Flute	Shank	Type
AFC-2464	3/8"	0.250	5"	4"	3/8"	3-Flat Car / Constr.
AFC-3264	1/2"	0.281	6"	4-1/2"	1/2"	3-Flat Car / Constr.
AFC-3664	9/16"	0.343	6-1/4"	4-1/2"	1/2"	3-Flat Car / Constr.
AFC-4064	5/8"	0.343	6-1/2"	4-1/2"	1/2"	3-Flat Car / Constr.
AFC-4464	11/16"	0.375	7"	4-1/2"	1/2"	3-Flat Car / Constr.
AFC-4864	3/4"	0.406	7-1/4"	5"	1/2"	3-Flat Car / Constr.
AFC-5264	13/16"	0.468	7-1/4"	5"	1/2"	3-Flat Car / Constr.
AFC-5664	7/8"	0.500	7-1/4"	5"	1/2"	3-Flat Car / Constr.
AFC-6064	15/16"	0.585	7-1/4"	5"	1/2"	3-Flat Car / Constr.
AFC-6464	1"	0.594	7-1/4"	5"	1/2"	3-Flat Car / Constr.
AFC-8064	1-1/4"	0.719	7-1/4"	5"	1/2"	3-Flat Car / Constr.

Made In



Black & Gold

- ◆ High Speed Steel (HSS)
 - ◆ Tapered Point
 - ◆ Left-Hand Spiral
 - ◆ Right-Hand Cut
 - ◆ HEX Shank
- Structural Plate



Reamer - CAR - Spiral Flute - *HEX* - HSS

Part #	Size	Point Diameter	OAL	Flute	Shank	Type
ACX-4464	11/16"	0.375	6-3/8"	4-1/2"	1-1/16"	HEX Car
ACX-5264	13/16"	0.468	7"	5"	1-1/4"	HEX Car
ACX-6064	15/16"	0.585	7"	5"	1-7/16"	HEX Car
ACX-6864	1-1/16"	0.807	7"	5"	1-5/8"	HEX Car



Made In



Black & Gold

Reamer - BRIDGE - Spiral Flute - HEX - HSS

Part #	Size	Point Diameter	OAL	Flute	Shank	Type
ABX-4464	11/16"	0.375	9-1/4"	7-1/8"	1-1/16" HEX	Bridge
ABX-5264	13/16"	0.468	9-3/8"	7-3/8"	1-1/4" HEX	Bridge
ABX-6064	15/16"	0.585	9-3/8"	7-3/8"	1-7/16" HEX	Bridge
ABX-6864	1-1/16"	0.807	9-3/8"	7-3/8"	1-5/8" HEX	Bridge

- ◆ High Speed Steel (HSS)
- ◆ Tapered Point
- ◆ Left-Hand Spiral
- ◆ Right-Hand Cut
- ◆ HEX Shank

→ Structural Plate



Made In



Black & Gold

Reamer - BRIDGE - Straight Flute - Morse Taper - HSS

Part #	Size	Point Diameter	OAL	Flute	Shank	Type
ABT-4464	11/16"	0.375	11-3/4"	7-1/8"	#3 Taper	Bridge - Straight
ABT-5264	13/16"	0.468	12"	7-3/8"	#3 Taper	Bridge - Straight
ABT-6064	15/16"	0.585	12"	7-3/8"	#3 Taper	Bridge - Straight
ABT-6864	1-1/16"	0.807	12"	7-3/8"	#3 Taper	Bridge - Straight

- ◆ High Speed Steel (HSS)
- ◆ Tapered Point
- ◆ Left-Hand Spiral
- ◆ Right-Hand Cut
- ◆ Taper Shank

→ Structural Steel Assemblies

→ Bridge Erection

→ Ship Construction



Reamer - BRIDGE - Spiral Flute - Morse Taper - HSS

Part #	Size	Point Diameter	OAL	Flute	Shank	Type
AFF-4464	11/16"	0.375	11-3/4"	7-1/8"	#3 Taper	Bridge - Spiral
AFF-5264	13/16"	0.468	12"	7-3/8"	#3 Taper	Bridge - Spiral
AFF-6064	15/16"	0.585	12"	7-3/8"	#3 Taper	Bridge - Spiral
AFF-6864	1-1/16"	0.807	12"	7-3/8"	#3 Taper	Bridge - Spiral



1" Cutting Depth



2" Cutting Depth

1" HSS Annular Cutter

Part #	Size	x	Depth
100MC2864	7/16"	X	1"
100MC3264	1/2"	X	1"
100MC3664	9/16"	X	1"
100MC4064	5/8"	X	1"
100MC4464	11/16"	X	1"
100MC4864	3/4"	X	1"
100MC5264	13/16"	X	1"
100MC5664	7/8"	X	1"
100MC6064	15/16"	X	1"
100MC6464	1"	X	1"
100MC6864	1-1/16"	X	1"
100MC7264	1-1/8"	X	1"
100MC7664	1-3/16"	X	1"
100MC8064	1-1/4"	X	1"
100MC8464	1-5/16"	X	1"
100MC8864	1-3/8"	X	1"
100MC9264	1-7/16"	X	1"
100MC9664	1-1/2"	X	1"
100MC1916	1-9/16"	X	1"
100MC1058	1-5/8"	X	1"
100MC1116	1-11/16"	X	1"
100MC1034	1-3/4"	X	1"
100MC1316	1-13/16"	X	1"
100MC1078	1-7/8"	X	1"
100MC1516	1-15/16"	X	1"
100MC2002	2"	X	1"
100MC2116	2-1/16"	X	1"

2" HSS Annular Cutter

Part #	Size	x	Depth
200MC2864	7/16"	X	2"
200MC3264	1/2"	X	2"
200MC3664	9/16"	X	2"
200MC4064	5/8"	X	2"
200MC4464	11/16"	X	2"
200MC4864	3/4"	X	2"
200MC5264	13/16"	X	2"
200MC5664	7/8"	X	2"
200MC6064	15/16"	X	2"
200MC6464	1"	X	2"
200MC6864	1-1/16"	X	2"
200MC7264	1-1/8"	X	2"
200MC7664	1-3/16"	X	2"
200MC8064	1-1/4"	X	2"
200MC8464	1-5/16"	X	2"
200MC8864	1-3/8"	X	2"
200MC9264	1-7/16"	X	2"
200MC9664	1-1/2"	X	2"
200MC1916	1-9/16"	X	2"
200MC1058	1-5/8"	X	2"
200MC1116	1-11/16"	X	2"
200MC1034	1-3/4"	X	2"
200MC1316	1-13/16"	X	2"
200MC1078	1-7/8"	X	2"
200MC1516	1-15/16"	X	2"
200MC2002	2"	X	2"
200MC2116	2-1/16"	X	2"

- ◆ M2 HSS
- ◆ 3/4" Weldon Shanks
- ◆ Aggressive Cutting Edges
- ◆ No Center Punch Required
- ◆ Cut up to 2"
- ◆ For All Magnetic Drills

- Steel
- Stainless Steel
- Castings



Allows overlap cut on existing holes



Pilot Pins

Part #	Description
PJ00011	Pilot 1" Cutter
PJ00021	Pilot 2" Cutter
PJ00716	Pilot 7/16" x 1" Cutter ONLY
PJ02716	Pilot 7/16" x 2" Cutter ONLY



Arbor Adapters

Part #	Description
AD0002	Morse #2
AD0003	Morse #3

Converts Morse Tapers to 3/4" Arbor for All ITM and Conventional Annular Cutters.



1-3/8" Cutting Depth

1-3/8" TCT Annular Cutter

Part #	Size	x	Depth
ATAC-3264	1/2"	X	1-3/8"
ATAC-3664	9/16"	X	1-3/8"
ATAC-4064	5/8"	X	1-3/8"
ATAC-4464	11/16"	X	1-3/8"
ATAC-4864	3/4"	X	1-3/8"
ATAC-5264	13/16"	X	1-3/8"
ATAC-5664	7/8"	X	1-3/8"
ATAC-6064	15/16"	X	1-3/8"
ATAC-6464	1"	X	1-3/8"
ATAC-6864	1-1/16"	X	1-3/8"
ATAC-7264	1-1/8"	X	1-3/8"
ATAC-8864	1-3/8"	X	1-3/8"
ATAC-9264	1-7/16"	X	1-3/8"
ATAC-9664	1-1/2"	X	1-3/8"

2" Cutting Depth

2" TCT Annular Cutter

Part #	Size	x	Depth
BTAC-3264	1/2"	X	2"
BTAC-3664	9/16"	X	2"
BTAC-4064	5/8"	X	2"
BTAC-4464	11/16"	X	2"
BTAC-4864	3/4"	X	2"
BTAC-5264	13/16"	X	2"
BTAC-5664	7/8"	X	2"
BTAC-6064	15/16"	X	2"
BTAC-6464	1"	X	2"
BTAC-6864	1-1/16"	X	2"
BTAC-7264	1-1/8"	X	2"
BTAC-8864	1-3/8"	X	2"
BTAC-9264	1-7/16"	X	2"
BTAC-9664	1-1/2"	X	2"
BTAC-2002	2"	X	2"



- ◆ Tungsten Carbide Teeth
- ◆ 3/4" Weldon Shanks
- ◆ Aggressive Cutting Edges
- ◆ No Center Punch Required
- ◆ For All Magnetic Drills

- Steel
- Stainless Steel
- Castings



3" Cutting Depth

3" TCT Annular Cutter

Part #	Size	x	Depth
CTAC-3264	1/2"	X	3"
CTAC-3664	9/16"	X	3"
CTAC-4064	5/8"	X	3"
CTAC-4464	11/16"	X	3"
CTAC-4864	3/4"	X	3"
CTAC-5264	13/16"	X	3"
CTAC-5664	7/8"	X	3"
CTAC-6064	15/16"	X	3"
CTAC-6464	1"	X	3"
CTAC-6864	1-1/16"	X	3"
CTAC-7264	1-1/8"	X	3"
CTAC-8864	1-3/8"	X	3"
CTAC-9664	1-1/2"	X	3"
CTAC-2002	2"	X	3"

4" Cutting Depth

4" TCT Annular Cutter

Part #	Size	x	Depth
RTAC-4864	3/4"	X	4"
RTAC-5264	13/16"	X	4"
RTAC-5664	7/8"	X	4"
RTAC-6064	15/16"	X	4"
RTAC-6464	1"	X	4"
RTAC-6864	1-1/16"	X	4"
RTAC-7264	1-1/8"	X	4"
RTAC-8864	1-3/8"	X	4"
RTAC-9664	1-1/2"	X	4"
RTAC-1058	1-5/8"	X	4"
RTAC-1034	1-3/4"	X	4"
RTAC-2002	2"	X	4"

Similar to Annular Cutters, designed with Tungsten Carbide Teeth (TCT) for much faster deep drilling.



Allows overlap cut on existing holes

- Cut Faster
- Cut Cleaner
- Lasts Longer

Pilot Pins

Part #	Depth	Cutter
PT-10	1-3/8"	1/2" - 5/8"
PT-12	1-3/8"	11/16" - 1-1/2"
PT-20	2"	1/2" - 5/8"
PT-22	2"	11/16" - 2"
PT-30	3"	1/2" - 5/8"
PT-32	3"	11/16" - 2"
PT-40	4"	3/4" - 2"





3/16" Cutting Depth



1/2" Cutting Depth

T.C.T. Hole Cutter

Part #	Size	Cut	Shank
HF0012	5/8"	3/16"	3/8"
HF0013	11/16"	3/16"	3/8"
HF0014	3/4"	3/16"	3/8"
HF0015	13/16"	3/16"	3/8"
HF0016	7/8"	3/16"	3/8"
HF0017	15/16"	3/16"	3/8"
HF0018	1"	3/16"	3/8"
HF0119	1-1/16"	3/16"	3/8"
HF0019	1-1/8"	3/16"	3/8"
HF0021	1-1/4"	3/16"	3/8"
HF0023	1-3/8"	3/16"	3/8"
HF0024	1-1/2"	3/16"	3/8"
HF0025	1-5/8"	3/16"	3/8"
HF0026	1-3/4"	3/16"	3/8"
HF0027	1-7/8"	3/16"	3/8"
HF0028	2"	3/16"	3/8"
HF0029	2-1/8"	3/16"	3/8"
HF0030	2-1/4"	3/16"	3/8"
HF0032	2-3/8"	3/16"	3/8"
HF0033	2-1/2"	3/16"	1/2"
HF0135	2-3/4"	3/16"	1/2"
HF0035	3"	3/16"	1/2"
HF0138	3-1/4"	3/16"	1/2"
HF0036	3-1/2"	3/16"	1/2"
HF0140	3-5/8"	3/16"	1/2"
HF0037	4"	3/16"	1/2"

T.C.T. Hole Cutter

Part #	Size	Cut	Shank
HG0011	9/16"	1/2"	3/8"
HG0012	5/8"	1/2"	3/8"
HG0013	11/16"	1/2"	3/8"
HG0014	3/4"	1/2"	3/8"
HG0015	13/16"	1/2"	3/8"
HG0016	7/8"	1/2"	3/8"
HG0017	15/16"	1/2"	3/8"
HG0018	1"	1/2"	3/8"
HG0119	1-1/16"	1/2"	3/8"
HG0019	1-1/8"	1/2"	3/8"
HG0020	1-3/16"	1/2"	3/8"
HG0021	1-1/4"	1/2"	3/8"
HG0023	1-3/8"	1/2"	3/8"
HG0024	1-1/2"	1/2"	3/8"
HG0025	1-5/8"	1/2"	3/8"
HG0026	1-3/4"	1/2"	3/8"
HG0027	1-7/8"	1/2"	3/8"
HG0028	2"	1/2"	3/8"
HG0029	2-1/8"	1/2"	3/8"
HG0030	2-1/4"	1/2"	3/8"
HG0032	2-3/8"	1/2"	3/8"
HG0033	2-1/2"	1/2"	1/2"
HG0135	2-3/4"	1/2"	1/2"
HG0035	3"	1/2"	1/2"
HG0138	3-1/4"	1/2"	1/2"
HG0036	3-1/2"	1/2"	1/2"
HG0037	4"	1/2"	1/2"
HG0050	5"	1/2"	1/2"

- ◆ Excellent Wear and Heat Resistance
- ◆ Tungsten Carbide Teeth
- ◆ Cuts Stainless Steel and Tough Alloys
- ◆ Ejects the Slug Saving Time
- ◆ Works in 3/8" & 1/2" Chucks
- ◆ Made In Taiwan

- ➔ Sheet Metal
- ➔ Steel Plate
- ➔ Stainless Steel
- ➔ Copper
- ➔ Cast Iron



T.C.T. HOLE CUTTERS ARE SOLD INDIVIDUALLY.

- **Cut Faster**

- **Cut Cleaner**

- **Lasts Longer**

TUNGSTEN CARBIDE TEETH

Size	Steel (rpm)	Stainless Steel (rpm)
9/16" to 13/16"	700-1000	300-700
7/8" to 1-3/16"	500-800	200-450
1-1/4" to 1-9/16"	300-600	175-315
1-5/8" to 2"	200-500	120-225
2-1/16" to 2-3/8"	200-400	95-195
2-7/16" to 3"	150-300	80-150
3-1/16" to 5"	100-200	60-120



1-3/8" Cutting Depth

T.C.T. Hole Cutter

Part #	Size	Cut	Shank
HM0011	9/16"	1-3/8"	1/2"
HM0012	5/8"	1-3/8"	1/2"
HM0013	11/16"	1-3/8"	1/2"
HM0014	3/4"	1-3/8"	1/2"
HM0015	13/16"	1-3/8"	1/2"
HM0016	7/8"	1-3/8"	1/2"
HM0017	15/16"	1-3/8"	1/2"
HM0018	1"	1-3/8"	1/2"
HM0119	1-1/16"	1-3/8"	1/2"
HM0019	1-1/8"	1-3/8"	1/2"
HM0020	1-3/16"	1-3/8"	1/2"
HM0021	1-1/4"	1-3/8"	1/2"
HM0023	1-3/8"	1-3/8"	1/2"
HM0024	1-1/2"	1-3/8"	1/2"
HM0025	1-5/8"	1-3/8"	1/2"
HM0026	1-3/4"	1-3/8"	1/2"
HM0027	1-7/8"	1-3/8"	1/2"
HM0028	2"	1-3/8"	1/2"
HM0029	2-1/8"	1-3/8"	1/2"
HM0030	2-1/4"	1-3/8"	1/2"
HM0032	2-3/8"	1-3/8"	1/2"
HM0033	2-1/2"	1-3/8"	1/2"



- ◆ Excellent Wear and Heat Resistance
- ◆ Tungsten Carbide Teeth
- ◆ Cuts Stainless Steel and Tough Alloys
- ◆ Works in 1/2" Chucks
- ◆ Made In Taiwan

- Sheet Metal
- Steel Plate
- Stainless Steel
- Copper
- Cast Iron

**SHEET METAL
STEEL PLATE
STAINLESS STEEL**

**FOR USE IN 1/2"
CHUCK DRILLS**



T.C.T. HOLE CUTTERS ARE SOLD INDIVIDUALLY.

POW!



2" Cutting Depth

T.C.T. Steel Door Hole Cutter

Part #	Size	Cut	Shank
HP0029	2-1/8"	2"	1/2"

- ◆ Made for Door Knob Installation
- ◆ Tungsten Carbide Teeth
- ◆ Works in 1/2" Chucks
- ◆ Made In Taiwan



Replacement Parts

Part #	Description
HF-PILOT CENTER DRILL	φ6mm x 50L
HF-S	SPRING 1.2MM X 16L
HG-PILOT CENTER DRILL	φ6mm x 60L
HG-S	SPRING 1.2MM X 23L
HM-PILOT CENTER DRILL	φ6mm x 75L
HM-S	SPRING 1.2MM X 50L



Made In



- ◆ Carbide Teeth
- ◆ Carbide Pilot
- ◆ Ejector Spring
- ◆ 2" Drilling Depth
- ◆ 3-Flat Shank

- Hard Plastic
- Stucco
- Clay Pipe
- Hardy Board
- Dry Lath & Plaster
- Wood with Nails
- Aluminum Siding
- Hard or Composite Plastic

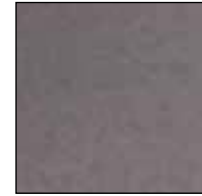
Also Available:

- Extension Shanks
- Replacement Pilots
- Replacement Springs



Composite Cutter

Part #	Size	OAL	Shank
CHS-16	1"	6"	1/2"
CHS-18	1-1/8"	6"	1/2"
CHS-20	1-1/4"	6"	1/2"
CHS-22	1-3/8"	6"	1/2"
CHS-24	1-1/2"	6"	1/2"
CHS-26	1-5/8"	6"	1/2"
CHS-28	1-3/4"	6"	1/2"
CHS-32	2"	6"	1/2"
CHS-34	2-1/8"	6"	1/2"
CHS-36	2-1/4"	6"	1/2"
CHS-40	2-1/2"	6"	1/2"
CHS-48	3"	6"	1/2"
CHS-64	4"	6"	1/2"



Shank Thread

Diameter	Thread
3/4" & 7/8"	1/2"-13
1" → 4"	3/4"-10

Made In



- ◆ Carbide Teeth
- ◆ HSS Pilot
- ◆ Ejector Spring
- ◆ 2" Drilling Depth
- ◆ 3-Flat Shank

- Pipe
- Trench Duct
- Cellular Metal
- Ferrous Metals
- Non-Ferrous Metals
- Ductile Iron Pipe

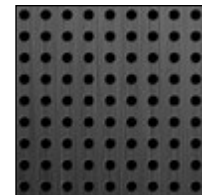
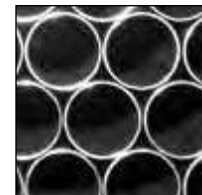
Also Available:

- Extension Shanks
- Replacement Pilots
- Replacement Springs



Interrupter

Part #	Size	OAL	Shank
IC-12	3/4"	6"	3/8"
IC-14	7/8"	6"	3/8"
IC-16	1"	6"	1/2"
IC-18	1-1/8"	6"	1/2"
IC-20	1-1/4"	6"	1/2"
IC-22	1-3/8"	6"	1/2"
IC-24	1-1/2"	6"	1/2"
IC-28	1-3/4"	6"	1/2"
IC-32	2"	6"	1/2"
IC-36	2-1/4"	6"	1/2"
IC-38	2-3/8"	6"	1/2"
IC-40	2-1/2"	6"	1/2"
IC-44	2-3/4"	6"	1/2"
IC-48	3"	6"	1/2"
IC-52	3-1/4"	6"	1/2"
IC-56	3-1/2"	6"	1/2"
IC-60	3-3/4"	6"	1/2"
IC-64	4"	6"	1/2"





HSS Bell Hanger - Feeler Bits With Fish Hole (Electrical / Wire)

Part #	Size	OAL	Shank	Qty.	Part #	Size	OAL	Shank	Qty.
308BH1200	3/16"	12"	3/16"	1	308BH2403	3/8"	24"	3/8"	1
308BH1800	3/16"	18"	3/16"	1	308BH3003	3/8"	30"	3/8"	1
308BH1201	1/4"	12"	1/4"	1	308BH4203	3/8"	42"	3/8"	1
308BH1801	1/4"	18"	1/4"	1	308BH4803	3/8"	48"	3/8"	1
308BH2401	1/4"	24"	1/4"	1	308BH1806	7/16"	18"	3/8"	1
308BH3001	1/4"	30"	1/4"	1	308BH1204	1/2"	12"	3/8"	1
308BH4201	1/4"	42"	1/4"	1	308BH1804	1/2"	18"	3/8"	1
308BH1202	5/16"	12"	5/16"	1	308BH2404	1/2"	24"	3/8"	1
308BH1802	5/16"	18"	5/16"	1	308BH3004	1/2"	30"	3/8"	1
308BH2402	5/16"	24"	5/16"	1	308BH4204	1/2"	42"	3/8"	1
308BH1203	3/8"	12"	3/8"	1	308BH4804	1/2"	48"	3/8"	1
308BH1803	3/8"	18"	3/8"	1	308BH1858	5/8"	18"	1/2"	1
					308BH1805	3/4"	18"	1/2"	1
					308BH1810	1"	18"	1/2"	1

- ◆ Fish Hole In Flute For Pulling Wire
- ◆ Special Point For Fast Drilling In Wood & Metal
- ◆ Tapering For Quick Chip Clearance

- Telephone Installation
- Burglar Alarms
- Wire & Cable Applications



CARBON STEEL Bell Hanger - Feeler Bits With Fish Hole

Part #	Size	OAL	Shank	Qty.	Part #	Size	OAL	Shank	Qty.
308CS1412	1/4"	12"	1/4"	1	308CS3818	3/8"	18"	3/8"	1
308CS1418	1/4"	18"	1/4"	1	308CS3824	3/8"	24"	3/8"	1
308CS1424	1/4"	24"	1/4"	1	308CS1804	1/2"	18"	3/8"	1

ALL BELL HANGER DRILL BITS ARE SOLD INDIVIDUALLY

Less expensive than High Speed Steel (HSS) - Carbon Steel drills all wood, studs, aluminum, insulation, and drywall. Will not perform as well as HSS in steel.



Carbide Tip Bell Hanger - Feeler Bits With Fish Hole (Electrical / Wire)

Part #	Size	OAL	Shank	Qty.	Part #	Size	OAL	Shank	Qty.
308CT1301	1/4"	13"	1/4"	1	308CT1304	1/2"	13"	3/8"	1
308CT1801	1/4"	18"	1/4"	1	308CT1804	1/2"	18"	3/8"	1
308CT2401	1/4"	24"	1/4"	1	308CT2404	1/2"	24"	3/8"	1
308CT1302	5/16"	13"	5/16"	1	308CT3004	1/2"	30"	3/8"	1
308CT1802	5/16"	18"	5/16"	1	308CT1305	3/4"	13"	1/2"	1
308CT2402	5/16"	24"	5/16"	1	308CT1805	3/4"	18"	1/2"	1
308CT1303	3/8"	13"	3/8"	1					
308CT1803	3/8"	18"	3/8"	1					
308CT2403	3/8"	24"	3/8"	1					
308CT3003	3/8"	30"	3/8"	1					
308CT3638	3/8"	36"	3/8"	1					

- ◆ Fish Hole In Flute For Pulling Wire
- ◆ Special Point For Fast Drilling In Masonry & Wood

- Telephone Installation
- Burglar Alarms
- Wire & Cable Applications



- ◆ Self Drilling
- ◆ Fish Hole On Each End
- ◆ Flexible Shaft

- Wood
- Studs
- Insulation

Made In



FISH HOLE ON SHANK

- ◆ Screw Point
- ◆ Self Drilling
- ◆ Fish Hole On Each End
- ◆ Flexible Shaft

- Wood
- Studs
- Insulation

Made In



Electrician's Flex Bit - Stretch Bit

Part #	Size	X	OAL	Shank	Application
308FB1838	3/8"	X	18"	3/16"	Popular with alarm & communication installers for pulling light wire.
308FB2438	3/8"	X	24"	3/16"	
308FB3638	3/8"	X	36"	3/16"	
308FB5438	3/8"	X	54"	3/16"	
308FB7238	3/8"	X	72"	3/16"	
308FB1812	1/2"	X	18"	3/16"	Popular with electricians and others for pulling heavier wire.
308FB2412	1/2"	X	24"	3/16"	
308FB3612	1/2"	X	36"	3/16"	
308FB5412	1/2"	X	54"	3/16"	
308FB7212	1/2"	X	72"	3/16"	
308FB1896	9/16"	X	18"	3/16"	Popular with electricians and others for pulling heavier wire.
308FB2496	9/16"	X	24"	3/16"	
308FB3696	9/16"	X	36"	3/16"	
308FB5496	9/16"	X	54"	3/16"	
308FB7296	9/16"	X	72"	3/16"	
308FB5434	3/4"	X	54"	1/4"	Popular with electricians and others for pulling heavier wire.
308FB7234	3/4"	X	72"	1/4"	

Electrician's Flex Bit With Screw Point - Stretch Bit

Part #	Size	X	OAL	Shank	Application
308FB1838-S	3/8"	X	18"	3/16"	Popular with alarm & communication installers for pulling light wire.
308FB2438-S	3/8"	X	24"	3/16"	
308FB3638-S	3/8"	X	36"	3/16"	
308FB5438-S	3/8"	X	54"	3/16"	
308FB7238-S	3/8"	X	72"	3/16"	
308FB1812-S	1/2"	X	18"	3/16"	Popular with electricians and others for pulling heavier wire.
308FB2412-S	1/2"	X	24"	3/16"	
308FB3612-S	1/2"	X	36"	3/16"	
308FB5412-S	1/2"	X	54"	3/16"	
308FB7212-S	1/2"	X	72"	3/16"	
308FB1896-S	9/16"	X	18"	3/16"	Popular with electricians and others for pulling heavier wire.
308FB2496-S	9/16"	X	24"	3/16"	
308FB3696-S	9/16"	X	36"	3/16"	
308FB5496-S	9/16"	X	54"	3/16"	
308FB7296-S	9/16"	X	72"	3/16"	
308FB5434-S	3/4"	X	54"	1/4"	Popular with electricians and others for pulling heavier wire.
308FB7234-S	3/4"	X	72"	1/4"	

308FBG Steering Guide Helps manipulate bits while within the wall cavity.



Stretch Bits are constructed of a high carbon steel self-feed auger bit, permanently brazed to a flexible shaft. This tool can be inserted through small wall openings enabling the operator to bore holes through studs within the wall cavities without damaging finished walls or ceilings. Eye Holes are provided at each end of the Stretch Bits which allow easy retrieval of wires from either direction after drilling.

12" Long Boy - HSS

Part #	Size	Dec.	OAL	Flute	Qty.
216HS0864	1/8"	.1250	12"	9"	1
216HS1264	3/16"	.1875	12"	9"	1
216HS1464	7/32"	.2188	12"	9"	1
216HS1664	1/4"	.2500	12"	9"	1
216HS1864	9/32"	.2812	12"	9"	1
216HS2064	5/16"	.3125	12"	9"	1
216HS2464	3/8"	.3750	12"	9"	1
216HS2864	7/16"	.4375	12"	9"	1
216HS3264	1/2"	.5000	12"	9"	1
218HS3664	9/16"	.5625	12"	9"	1
218HS4064	5/8"	.6250	12"	9"	1
218HS4464	11/16"	.6875	12"	9"	1
218HS4864	3/4"	.7500	12"	9"	1
218HS5264	13/16"	.8125	12"	9"	1
218HS5664	7/8"	.8750	12"	9"	1
218HS6064	15/16"	.9375	12"	9"	1
218HS6464	1"	1.000	12"	9"	1
218HS7264	1-1/8"	1.1250	12"	9"	1

18" Long Boy - HSS

Part #	Size	Dec.	OAL	Flute	Qty.
217HS1664	1/4"	.2500	18"	14"	1
217HS2064	5/16"	.3125	18"	14"	1
217HS2464	3/8"	.3750	18"	14"	1
217HS3064	15/32"	.4688	18"	14"	1
217HS3264	1/2"	.5000	18"	14"	1
217HS4064	5/8"	.6250	18"	14"	1
217HS4864	3/4"	.7500	18"	14"	1



118° POINT

- ◆ M2 HSS
- ◆ Straight Shank To 1/2", Then Reduced
- ◆ Sharp Cutting Edge To Drill In Many Different Materials

- Mild Steel
- Aluminum
- Cast Iron
- Wood

⊙ Precision point angle for effective penetration through steel and wood.

⊙ Extra length flute with continuous cutting edges for drilling deep holes and fast chip removal.

⊙ **Replaces** fits all drill motors with 1/2" chucks.

⊙ Non-slip grips prevent the bit from spinning in the chuck.



Brad Point Wood Drill

Part #	Size	OAL	Shank	Qty.
309BP0864	1/8"	2-1/2"	1/8"	1
309BP1064	5/32"	3-1/8"	5/32"	1
309BP1264	3/16"	3-3/8"	3/16"	1
309BP1664	1/4"	4"	1/4"	1
309BP2064	5/16"	4-5/8"	5/16"	1
309BP2464	3/8"	4-7/8"	3/8"	1
309BP2864	7/16"	5-1/2"	3/8"	1
309BP3264	1/2"	6"	3/8"	1
309BP4064	5/8"	7"	3/8"	1
309BP4864	3/4"	7-3/4"	3/8"	1
309BP5664	7/8"	8-1/8"	3/8"	1
309BP6464	1"	8-1/2"	3/8"	1



Great For Acrylics!

- ◆ Precision Ground Flute
- ◆ Center Spur
- ◆ Two Shoulder Cutting Spurs
- ◆ Industrial Quality

- Wood
- Acrylics
- Polycarbonates

Part # 309BP0007
7 Pc. Set Woodworking
 1/8" - 3/16" - 1/4" - 5/16" - 3/8" -
 7/16" - 1/2"
List Price Each \$47.63



ALL SPADE POINT POWER
DRILL BITS ARE SOLD
INDIVIDUALLY.
1 PER POUCH.



Part # 300-ST-06

6 Pc. Spade Bit Set
3/8" - 1/2" - 5/8"
3/4" - 7/8" - 1"

List Price
Each \$20.25



- ◆ Cold Forged
- ◆ Full Length Treated
- ◆ Machine Finish
- ◆ Cutting Groove
- ◆ Rust Protection
- ◆ Wing Tip Design
- ◆ 1/4" Hex Power Groove Shank
- ◆ Individually Stamped With Size
- ◆ Industrial Quality

- Wood
- Drywall
- Plywood



1/4" Hex
Power Groove
Shank



1/4" Hex
Power Groove
Shank

Quick Insert / Quick Spring
Out Chuck Extensions.
SOLD INDIVIDUALLY.

- ◆ Quick-Change
- ◆ 1 PC. Construction
- ◆ 1/4" Hex Power Groove Shank
- ◆ Industrial Quality

6" Long Spade Wood Drill

Part #	Size	OAL	Qty.
300SB1664	1/4"	6"	1
300SB2064	5/16"	6"	1
300SB2464	3/8"	6"	1
300SB2864	7/16"	6"	1
300SB3264	1/2"	6"	1
300SB3664	9/16"	6"	1
300SB4064	5/8"	6"	1
300SB4464	11/16"	6"	1
300SB4864	3/4"	6"	1
300SB5264	13/16"	6"	1
300SB5664	7/8"	6"	1
300SB6064	15/16"	6"	1
300SB6464	1"	6"	1
300SB7264	1-1/8"	6"	1
300SB8064	1-1/4"	6"	1
300SB8864	1-3/8"	6"	1
300SB9664	1-1/2"	6"	1

16" Long Spade Wood Drill

Part #	Size	OAL	Qty.
301SB2464	3/8"	16"	1
301SB3264	1/2"	16"	1
301SB4064	5/8"	16"	1
301SB4864	3/4"	16"	1
301SB5664	7/8"	16"	1
301SB6464	1"	16"	1
301SB8864	1-3/8"	16"	1



Extension - For Spade Bit

Part #	Size	For Shank	Ø
EXT-300	1/4" x 12"	1/4"	5/8"
EXT-500	1/4" x 18"	1/4"	5/8"

1/4" Extensions - Drill Diameter Must Be Larger Than 5/8".



Self Feed (Multispur) Wood Drill

Part #	Size	MM	Pipe Entrance	Tubing Entrance	Cutting Flute	Shank
306ST-1	1"	25.4	1/2"	7/8"	1"	7/16"
306ST-2	1-1/8"	28.6	1/2"	1"	1"	7/16"
306ST-3	1-1/4"	31.8	3/4"	1-1/8"	1"	7/16"
306ST-4	1-3/8"	34.9	1"	1-1/4"	1"	7/16"
306ST-5	1-1/2"	38.1	1"	1-3/8"	1"	7/16"
306ST-6	1-3/4"	44.5	1-1/4"	1-1/2"	1"	7/16"
306ST-7	2"	50.8	1-1/2"	1-7/8"	1"	7/16"
306ST-8	2-1/8"	54.0	1-1/2"	2"	1"	7/16"
306ST-9	2-1/4"	57.2	1-1/2"	2-1/8"	1"	7/16"
306ST-10	2-9/16"	65.1	2"	2-1/2"	1"	7/16"
306ST-11	3"	76.2	2-1/2"	2-7/8"	2"	7/16"
306ST-12	3-5/8"	92.1	3"	3-1/2"	2"	7/16"
306ST-13	4-5/8"	117.5	4"	4-1/2"	2"	7/16"



- ◆ Fast Continuous and Self Feeding
- ◆ Deep Holes
- ◆ 7/16" Impact Hex Shank
- ◆ Double End Screw
- ◆ Extra Screw & Wrench
- ◆ Industrial Quality

- Wood
- Drywall
- Plywood
- Plumbing
- Rough-in Work

SELF FEED WOOD DRILLS ARE SOLD INDIVIDUALLY. 1 PER TUBE.

Replacement Screw Points

Part #	Size	Fits
SP0001	1/4"	1-1/4" to 2-9/16"
SP0002	1/4"	3" to 4-5/8"

Screw Points come with replacement set screw and wrench.



Extensions for Ship Auger & Multispur

POWER BIT EXTENSIONS

Part #	Size	For Shank	Ø	Part #	Size	For Shank	Ø
307BT5618	5/16" x 18"	5/16"	11/16"	307BT7609	7/16" x 9-1/2"	7/16"	7/8"
				307BT7612	7/16" x 12"	7/16"	7/8"
				307BT7618	7/16" x 18"	7/16"	7/8"
				307BT7624	7/16" x 24"	7/16"	7/8"

- ◆ HEX Wrench Included
- ◆ 2 Set Screws

5/16" Extensions - Drill Diameter Must Be Larger Than 11/16".
7/16" Extensions - Drill Diameter Must Be Larger Than 7/8".



- ◆ Carbide Tipped
- ◆ Hex Shank
- ◆ Heat Treated
- ◆ Machine Ground
- ◆ Hollows
- ◆ Deep Throat
- ◆ Single Twist
- ◆ Single Cutter
- ◆ Side Lip
- ◆ Power Groove
- ◆ Self-Feeding
- ◆ Screw Point
- ➔ CCA Poles
- ➔ Creosoted Poles
- ➔ Railroad Ties
- ➔ Bulk Heads
- ➔ Heavy Timber

Made In



ALL POWER POLE AUGER
DRILL BITS ARE SOLD
INDIVIDUALLY.

Power Pole Auger Wood Drills

Part #	Size	OAL	Drilling	Shank
CPP-10716	7/16"	18"	15"	7/16"
CPP-11121	1/2"	18"	15"	7/16"
CPP-12122	1/2"	24"	21"	7/16"
CPP-13123	1/2"	36"	33"	7/16"
CPP-14911	9/16"	18"	15"	7/16"
CPP-15912	9/16"	24"	21"	7/16"
CPP-16913	9/16"	36"	33"	7/16"
CPP-17581	5/8"	18"	15"	7/16"
CPP-18582	5/8"	24"	21"	7/16"
CPP-19583	5/8"	36"	33"	7/16"
CPP-20161	11/16"	18"	15"	7/16"
CPP-21162	11/16"	24"	21"	7/16"
CPP-22163	11/16"	36"	33"	7/16"
CPP-23241	3/4"	18"	15"	7/16"
CPP-24342	3/4"	24"	21"	7/16"
CPP-25343	3/4"	36"	33"	7/16"
CPP-26131	13/16"	18"	15"	7/16"
CPP-27132	13/16"	24"	21"	7/16"
CPP-28133	13/16"	36"	33"	7/16"
CPP-29781	7/8"	18"	15"	7/16"
CPP-30782	7/8"	24"	21"	7/16"
CPP-31783	7/8"	36"	33"	7/16"
CPP-32561	15/16"	18"	15"	7/16"
CPP-33562	15/16"	24"	21"	7/16"
CPP-34563	15/16"	36"	33"	7/16"
CPP-35115	1"	18"	15"	7/16"
CPP-36121	1"	24"	21"	7/16"
CPP-37133	1"	36"	33"	7/16"

Use with 1/2" Drills or Impact Wrenches:

- Stanley ID-04 "Yellow Jacket"
- Racine HIW-716
- Fairmount H8508

Also works well in heavy duty electric, pneumatic, and gas powered drills.



Power Pole Auger Drill Bits are carbide tipped wood drill bits that have a carbide-tipped cutting tip combined with a hardened steel cutting edge. These unique carbide tipped wood drill bits bore holes in all types of wood quickly, leaving little or no residue. A truly clean, smooth hole is produced. Power Pole carbide tipped wood auger drill bits require less torque to operate and can be used with electric, air, or gasoline powered drill motors and impact wrenches.

Made of premium steel, Power Pole Auger Bits are for boring CCA and Creosoted poles, railroad ties, bulkheads, and other heavy timber.



8" Long Ship Auger Wood Drill

Part #	Size	Size In 16ths	OAL	Hex Shank
302SL3264	1/2"	8	8"	5/16"
302SL3664	9/16"	9	8"	5/16"
302SL4064	5/8"	10	8"	5/16"
302SL4464	11/16"	11	8"	5/16"
302SL4864	3/4"	12	8"	5/16"
302SL5264	13/16"	13	8"	5/16"
302SL5664	7/8"	14	8"	7/16"
302SL6064	15/16"	15	8"	7/16"
302SL6464	1"	16	8"	7/16"
302SL7264	1-1/8"	18	8"	7/16"
302SL8064	1-1/4"	20	8"	7/16"
302SL8864	1-3/8"	20	8"	7/16"
302SL9664	1-1/2"	24	8"	7/16"

- ◆ 6" Twist Length
- ◆ Heat Treated
- ◆ Machine Ground Hollows
- ◆ Deep Throat
- ◆ Single Twist
- ◆ Single Cutter
- ◆ Side Lip
- ◆ Self-Feeding Screw Point

- Bulk Heads
- General Timber



ALL SHIP AUGER DRILL BITS ARE SOLD INDIVIDUALLY.



18" Long Ship Auger Wood Drill

Part #	Size	Size In 16ths	OAL	Hex Shank
303SL2464	3/8"	6	18"	5/16"
303SL2864	7/16"	7	18"	5/16"
303SL3264	1/2"	8	18"	5/16"
303SL3664	9/16"	9	18"	7/16"
303SL4064	5/8"	10	18"	7/16"
303SL4464	11/16"	11	18"	7/16"
303SL4864	3/4"	12	18"	7/16"
303SL5264	13/16"	13	18"	7/16"
303SL5664	7/8"	14	18"	7/16"
303SL6064	15/16"	15	18"	7/16"
303SL6464	1"	16	18"	7/16"
303SL7264	1-1/8"	18	18"	7/16"
303SL8064	1-1/4"	20	18"	7/16"
303SL8864	1-3/8"	22	18"	7/16"
303SL9664	1-1/2"	24	18"	7/16"

- ◆ 12" Twist Length
- ◆ Heat Treated
- ◆ Machine Ground Hollows
- ◆ Deep Throat
- ◆ Single Twist
- ◆ Single Cutter
- ◆ Side Lip
- ◆ Self-Feeding Screw Point

- Bulk Heads
- General Timber



ALL SHIP AUGER DRILL BITS ARE SOLD INDIVIDUALLY.

Made Of Premium Steel, Ship Auger Drills Are For Boring Bulkheads And General Timber.



Single Spur - Double Twist Wood Drill

- ◆ 8-1/2" Length
- ◆ 5-1/2" Twist Length
- ◆ Heat Treated
- ◆ Machine Ground Hollows
- ◆ Self-Feeding Screw Point
- ◆ Shank With 2 Set Screw Recesses For Use with Power Bit Extensions p.55

ELECTRICIAN'S POWER BITS

These power bits are specifically designed to fit in between building studs for the installation of conduits and wires. Ideal use is with angle power drills.

Packaged with a rust protection sleeve. Sold Individually.

Part #	Size	OAL	Shank
304BU4064	5/8"	8-1/2"	5/16"
304BU4464	11/16"	8-1/2"	5/16"
304BU4864	3/4"	8-1/2"	5/16"
304BU5264	13/16"	8-1/2"	5/16"
304BU5664	7/8"	8-1/2"	5/16"
304BU6464	1"	8-1/2"	5/16"
304BU7264	1-1/8"	8-1/2"	7/16"
304BU8064	1-1/4"	8-1/2"	7/16"



Double Spur - Double Twist Wood Drill

- ◆ 6-1/2" Length
- ◆ 4" Twist Length
- ◆ Heat Treated
- ◆ Machine Ground Hollows
- ◆ Self-Feeding Screw Point
- ◆ Shank With 2 Set Screw Recesses For Use with Power Bit Extensions p.55

PLUMBER POWER BITS

These power bits are specifically designed for boring holes where a smooth finish is required. Ideal for plumbing, heating, air conditioning, and other pipe installation.

Packaged with a rust protection sleeve. Sold Individually.

Part #	Size	OAL	Shank
305BU4864	3/4"	6-1/2"	7/16"
305BU5664	7/8"	6-1/2"	7/16"
305BU6464	1"	6-1/2"	7/16"
305BU7264	1-1/8"	6-1/2"	7/16"
305BU8064	1-1/4"	6-1/2"	7/16"
305BU8864	1-3/8"	6-1/2"	7/16"
305BU9664	1-1/2"	6-1/2"	7/16"

Circular Saw Blades

Part #	Size
DS-58-724	7-1/4" X 24T

- ◆ Tungsten Carbide Tipped
- ◆ 5/8" Arbor With Diamond Knock Out
- ◆ 7000 RPM Maximum
- ◆ Sold 25 / Display Box



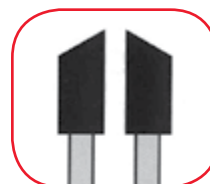
- ◆ Hard Body 38-42 Rc.
- ◆ K20 Tungsten Carbide Grade
- ◆ Individually Protected
- ◆ Individually Barcoded
- ◆ Imported

Part #	Size
CS-58-824	8-1/4" X 24T

- ◆ Tungsten Carbide Tipped
- ◆ 5/8" Arbor With Diamond Knock Out
- ◆ 7000 RPM Maximum
- ◆ Sold 10 / Display Box



FAST RUGGED BLADES FOR ALL PURPOSE LUMBER



ALTERNATE TOP BEVELED TEETH

Part #	Size
CS-58-840	8-1/4" X 40T

- ◆ Tungsten Carbide Tipped
- ◆ 5/8" Arbor With Diamond Knock Out
- ◆ 7000 RPM Maximum
- ◆ Sold 10 / Display Box



INDIVIDUALLY BARCODED ON BACK OF BLADE FOR BULK SALE



1 HOLE SAW PER BOX.
ARBOR NOT INCLUDED.

Made In



These High Quality Bi-Metal Hole Saws are made by a very special process. The cutting edge is electron beam welded to a tough alloy steel back. These hole saws are ideal for work where high performance & accuracy are needed. Saws have knock-out holes for easy core removal.

- ◆ **Made In USA**
- ◆ Bi-Metal Construction
- ◆ M3 Cutting Edge
- ◆ 5 Variable Pitch. Rc. 63-65
- ◆ Positive Rake
- ◆ 1-1/2" Cutting Depth
- ◆ Premium Quality
- ◆ Cuts Through 2" x 4"s
- ◆ Red Finish

- Wood
- Plastic
- Machinable Metal
- Nail Embedded Wood
- Plywood
- Pipes
- Light Gauge Stainless Steel

* USE ARBORS 276AR0001, 276AR0002 or 276AR0034.

** USE ARBORS 276AR0003 or 276AR0035.

Bi-Metal Hole Saws - Variable Pitch

Part #	Dia.		PIPE TAP SIZE		PIPE ENT. SIZE		Use Arbor
	Inches	MM	Inches	MM	Inches	MM	
275HW0011	9/16"	14.3	3/8"				*
275HW0012	5/8"	15.5					*
275HW0112	16mm	16.0					*
275HW0013	11/16"	17.5					*
275HW0014	3/4"	19.0	1/2"	13 mm	3/8"	10 mm	*
275HW0114	20mm	20.0					*
275HW0015	13/16"	20.6					*
275HW0016	7/8"	22.2	3/4"	19 mm	1/2"	13 mm	*
275HW0017	15/16"	23.8					*
275HW0117	25mm	25.0					*
275HW0018	1"	25.4					*
275HW0185	1-1/16"	27.0					*
275HW0019	1-1/8"	28.8	1"	25 mm	3/4"	19 mm	*
275HW0118	30mm	30.0					*
275HW0020	1-3/16"	30.2					*
275HW0021	1-1/4"	31.8					**
275HW0121	32mm	32.0					**
275HW0022	1-5/16"	33.3					**
275HW0023	1-3/8"	34.9			1"	25 mm	**
275HW0122	35mm	35.0					**
275HW0123	1-7/16"	36.5					**
275HW0024	1-1/2"	38.1	1-1/4"	32 mm			**
275HW0124	1-9/16"	39.7					**
275HW0224	40mm	40.0					**
275HW0025	1-5/8"	41.2					**
275HW0125	1-11/16"	42.9					**
275HW0026	1-3/4"	44.5	1-1/2"	38 mm	1-1/4"	32 mm	**
275HW0226	45mm	45.0					**
275HW0126	1-13/16"	46.0					**
275HW0027	1-7/8"	47.6					**
275HW0127	50mm	50.0					**
275HW0028	2"	50.8			1-1/2"	38 mm	**
275HW0128	2-1/16"	52.4					**
275HW0029	2-1/8"	53.9					**
275HW0129	55mm	55.0					**
275HW0030	2-1/4"	57.2	2"	51 mm			**
275HW0031	2-5/16"	58.7					**
275HW0032	2-3/8"	60.3					**
275HW0033	2-1/2"	63.5			2"	51 mm	**
275HW0034	2-9/16"	65.1					**
275HW0134	2-5/8"	66.7	2-1/2"	64 mm			**
275HW0234	68mm	68.0					**
275HW0334	68.5mm	68.5					**
275HW0135	2-3/4"	69.9					**
275HW0136	2-7/8"	73.0					**
275HW0236	75mm	75.0					**
275HW0035	3"	76.2			2-1/2"	64 mm	**
275HW0137	3-1/8"	79.4					**
275HW0138	3-1/4"	82.6	3"	76 mm			**
275HW0139	3-3/8"	85.7					**
275HW0036	3-1/2"	88.9					**
275HW0140	3-5/8"	92.1			3"	76 mm	**
275HW0141	3-3/4"	95.3	3-1/2"	89 mm			**
275HW0142	3-7/8"	98.4					**
275HW0100	100mm	100.0					**
275HW0037	4"	101.6					**
275HW0143	4-1/8"	104.8			3-1/2"	89 mm	**
275HW0144	4-1/4"	108.0	4"	102 mm			**
275HW0038	4-1/2"	114.3			4"	102 mm	**
275HW0145	4-3/4"	120.7					**
275HW0039	5"	127.0					**
275HW0040	5-1/2"	139.7					**
275HW0146	5-3/4"	146.0					**
275HW0041	6"	152.4					**



BI-METAL

**PART # 275AV02E
ELECTRICIAN'S HOLE SAW KIT**

8 Pc. Set contains:
1 each 7/8" - 1-1/8" - 1-3/8" - 1-3/4" - 2" - 2-1/2"
2 Arbors - 276AR0002 - 276AR0003



BI-METAL

**PART # 275AV100
MAINTENANCE HOLE SAW KIT**

13 Pc. Set contains:
1 each 3/4" - 7/8" - 1-1/8" - 1-3/8" - 1-1/2"
1-3/4" - 2" - 2-1/4" - 2-1/2"
3 Arbors - 276AR0001 - 276AR0002 - 276AR0003
1 Extension.



**PART # 275AT100
CARBIDE TIPPED
MAINTENANCE HOLE SAW KIT**

13 Pc. Set contains:
1 each 3/4" - 7/8" - 1-1/8" - 1-3/8" - 1-1/2"
1-3/4" - 2" - 2-1/4" - 2-1/2"
3 each Arbors for above sizes. 1 Extension.



BI-METAL

**PART # 275AV08E
MASTER ELECTRICIAN'S HOLE
SAW KIT**

13 Pc. Set contains:
1 each 7/8" - 1-1/8" - 1-3/8" - 1-3/4" - 2" - 2-1/2"
3" - 3-5/8" - 4-1/8" - 4-1/2"
3 Arbors - 276AR0001 - 276AR0002 - 276AR0003



BI-METAL

**PART # 275AV04P
PLUMBER'S HOLE SAW KIT**

8 Pc. Set contains:
1 each 3/4" - 7/8" - 1-1/8" - 1-1/2" - 1-3/4" -
2-1/4"
2 Arbors - 276AR0002 - 276AR0003



**RECOMMENDED
Bi-Metal HOLE SAW
CUTTING SPEEDS IN RPM'S**



LUBRICANTS - Use a good cutting oil for faster, more efficient cutting in ferrous metals. Cutting oil should not be used when cutting cast iron. Beeswax or paraffin is often used when cutting aluminum.

CUTTING POSITION - Do not cut materials at an angle. All the hole saw teeth should be in contact with the material to avoid tooth damage.

FEEDS - For effective cutting, apply level and even pressure. Excessive pressure results in premature wear, dulling of the teeth, and breakage. When cutting material over 1" thick, the saw should be pulled back at intervals to allow chip clearance.

SIZE	MILD STEEL	CAST IRON	TOOL & STAINLESS	BRASS	ALUMINUM
9/16"	580	400	300	790	900
5/8"	550	365	275	730	825
11/16"	500	330	250	665	750
3/4"	460	300	230	600	690
13/16"	425	280	210	560	635
7/8"	390	260	195	520	585
15/16"	370	245	185	495	555
1"	350	235	175	470	525
1 - 1/16"	325	215	160	435	480
1 - 1/8"	300	200	150	400	450
1 - 3/16"	285	190	145	380	425
1 - 1/4"	275	180	140	360	410
1 - 5/16"	260	175	135	345	390
1 - 3/8"	250	165	125	330	375
1 - 7/16"	240	160	120	315	360
1 - 1/2"	230	150	115	300	345
1 - 9/16"	220	145	110	290	330
1 - 5/8"	210	140	105	280	315
1 - 11/16"	205	135	100	270	305
1 - 3/4"	195	130	95	260	295
1 - 13/16"	190	125	95	250	285
1 - 7/8"	180	120	90	240	270
2"	170	115	85	230	255
2 - 1/16"	165	110	80	220	245
2 - 1/8"	160	105	80	210	240
2 - 1/4"	150	100	75	200	225
2 - 5/16"	145	100	75	195	225
2 - 3/8"	140	95	70	190	220
2 - 1/2"	135	90	65	180	205
2 - 9/16"	130	85	65	175	200
2 - 5/8"	130	85	65	170	195
2 - 3/4"	125	80	60	160	185
2 - 7/8"	120	80	60	160	180
3"	115	75	55	150	170
3 - 1/8"	110	70	55	140	165
3 - 1/4"	105	70	50	140	155
3 - 3/8"	100	65	50	130	150
3 - 1/2"	95	65	45	130	145
3 - 5/8"	95	60	45	120	140
3 - 3/4"	90	60	45	120	135
3 - 7/8"	90	60	45	120	135
4"	85	55	40	110	130
4 - 1/8"	80	55	40	110	120
4 - 1/4"	80	55	40	110	120
4 - 1/2"	75	50	35	100	105
4 - 3/4"	75	50	35	95	95
5"	65	45	30	90	90
5 - 1/2"	60	40	25	85	85
5 - 3/4"	55	35	25	75	75
6"	55	35	25	75	75



1 HOLE SAW PER BOX.
ARBOR NOT INCLUDED.

These High Quality Carbide Tipped Hole Saws are designed for use in abrasive materials such as particle board, fiberglass, cast iron, asbestos board, and formica. They are ideal for work where high performance & accuracy are needed. Saws have knock-out holes for easy core removal.

Made In



- ◆ Made In USA
- ◆ Tungsten Carbide Teeth
- ◆ Ground & Welded Set Teeth
- ◆ 3 Teeth Per Inch
- ◆ High Wear Resistance
- ◆ 1-1/2" Cutting Depth
- ◆ Premium Quality
- ◆ Black Finish

- Particle Board
- Fiberglass
- Cast Iron
- Asbestos Board
- Formica

* USE ARBORS 276AR0001, 276AR0002 or 276AR0034.
** USE ARBORS 276AR0003 or 276AR0035.

Carbide Tipped Hole Saws

Part #	Dia. Inches	Dia. MM	PIPE TAP SIZE		PIPE ENT. SIZE		Use Arbor
			Inches	MM	Inches	MM	
AT120034	3/4"	19.0	1/2"	13 mm	3/8"	10 mm	*
AT131316	13/16"	20.6					*
AT140078	7/8"	22.2	3/4"	19 mm	1/2"	13 mm	*
AT151516	15/16"	23.8					*
AT160001	1"	25.4					*
AT171116	1-1/16"	27.0					*
AT180118	1-1/8"	28.8	1"	25 mm	3/4"	19 mm	*
AT191316	1-3/16"	30.2					*
AT200114	1-1/4"	31.8					**
AT211516	1-5/16"	33.3					**
AT220138	1-3/8"	34.9			1"	25 mm	**
AT231716	1-7/16"	36.5					**
AT240112	1-1/2"	38.1	1-1/4"	32 mm			**
AT251916	1-9/16"	39.7					**
AT260158	1-5/8"	41.2					**
AT271116	1-11/16"	42.9					**
AT280134	1-3/4"	44.5	1-1/2"	38 mm	1-1/4"	32 mm	**
AT291316	1-13/16"	46.0					**
AT300178	1-7/8"	47.6					**
AT320002	2"	50.8			1-1/2"	38 mm	**
AT332116	2-1/16"	52.4					**
AT340218	2-1/8"	53.9					**
AT360214	2-1/4"	57.2	2"	51 mm			**
AT372516	2-5/16"	58.7					**
AT380238	2-3/8"	60.3					**
AT400212	2-1/2"	63.5			2"	51 mm	**
AT412916	2-9/16"	65.1					**
AT420258	2-5/8"	66.7	2-1/2"	64 mm			**
AT440234	2-3/4"	69.9					**
AT460278	2-7/8"	73.0					**
AT480003	3"	76.2			2-1/2"	64 mm	**
AT500318	3-1/8"	79.4					**
AT520314	3-1/4"	82.6	3"	76 mm			**
AT540338	3-3/8"	85.7					**
AT560312	3-1/2"	88.9					**
AT580358	3-5/8"	92.1			3"	76 mm	**
AT600334	3-3/4"	95.3	3-1/2"	89 mm			**
AT620378	3-7/8"	98.4					**
AT640004	4"	101.6					**
AT660418	4-1/8"	104.8			3-1/2"	89 mm	**
AT680414	4-1/4"	108.0	4"	102 mm			**
AT700438	4-3/8"	111.0					**
AT720412	4-1/2"	114.3			4"	102 mm	**
AT760434	4-3/4"	120.7					**
AT800005	5"	127.0					**
AT880512	5-1/2"	139.7					**
AT920534	5-3/4"	146.0					**
AT960006	6"	152.4					**

CARBIDE TIPPED RPM CHART

SIZE	ALUMINUM	PLASTIC	FIBER-GLASS	CERAMIC TILE	PARTICLE BOARD	CAST IRON	FORMICA
3/4"	1700	3430	250	500	3430	410	210
7/8"	1500	2940	210	430	2940	350	180
1"	1300	2570	190	370	2570	310	150
1-1/8"	1100	2290	170	330	2290	270	140
1-3/8"	900	1870	140	270	1870	220	110
1-1/2"	900	1710	120	250	1710	210	100
1-3/4"	700	1470	110	210	1470	180	90
2"	600	1290	90	190	1290	150	80
2-1/4"	600	1140	80	170	1140	140	70
2-1/2"	500	1030	70	150	1030	120	60
3"	400	860	60	120	860	100	50
3-1/4"	400	790	60	110	790	90	50
3-5/8"	400	710	50	100	710	90	40
3-3/4"	300	690	50	100	690	80	40
4-1/8"	300	620	50	90	620	70	40
4-3/4"	300	540	40	80	540	60	30
5"	200	480	40	80	500	60	30
5-1/2"	200	420	40	70	460	50	30
6"	100	360	30	60	420	40	30

Carbide Grit Hole Saws

Part #	Dia.		PIPE TAP SIZE		PIPE ENT. SIZE		Use Arbor
	Inches	MM	Inches	MM	Inches	MM	
CG0012	3/4"	19.0	1/2"	13 mm	3/8"	10 mm	*
CG0013	13/16"	20.6					*
CG0014	7/8"	22.2	3/4"	19 mm	1/2"	13 mm	*
CG0015	15/16"	23.8					*
CG0016	1"	25.4					*
CG0017	1-1/16"	27.0					*
CG0018	1-1/8"	28.8	1"	25 mm	3/4"	19 mm	*
CG0019	1-3/16"	30.2					*
CG0020	1-1/4"	31.8					**
CG0021	1-5/16"	33.3					**
CG0022	1-3/8"	34.9			1"	25 mm	**
CG0023	1-7/16"	36.5					**
CG0024	1-1/2"	38.1	1-1/4"	32 mm			**
CG0025	1-9/16"	39.7					**
CG0026	1-5/8"	41.2					**
CG0027	1-11/16"	42.9					**
CG0028	1-3/4"	44.5	1-1/2"	38 mm	1-1/4"	32 mm	**
CG0029	1-13/16"	46.0					**
CG0030	1-7/8"	47.6					**
CG0032	2"	50.8			1-1/2"	38 mm	**
CG0033	2-1/16"	52.4					**
CG0034	2-1/8"	53.9					**
CG0036	2-1/4"	57.2	2"	51 mm			**
CG0037	2-5/16"	58.7					**
CG0038	2-3/8"	60.3					**
CG0040	2-1/2"	63.5			2"	51 mm	**
CG0041	2-9/16"	65.1					**
CG0042	2-5/8"	66.7	2-1/2"	64 mm			**
CG0044	2-3/4"	69.9					**
CG0046	2-7/8"	73.0					**
CG0048	3"	76.2			2-1/2"	64 mm	**
CG0050	3-1/8"	79.4					**
CG0052	3-1/4"	82.6	3"	76 mm			**
CG0054	3-3/8"	85.7					**
CG0056	3-1/2"	88.9					**
CG0058	3-5/8"	92.1			3"	76 mm	**
CG0060	3-3/4"	95.3	3-1/2"	89 mm			**
CG0062	3-7/8"	98.4					**
CG0064	4"	101.6					**
CG0066	4-1/8"	104.8			3-1/2"	89 mm	**
CG0068	4-1/4"	108.0	4"	102 mm			**
CG0070	4-3/8"	111.0					**
CG0072	4-1/2"	114.3			4"	102 mm	**
CG0076	4-3/4"	120.7					**
CG0080	5"	127.0					**
CG0088	5-1/2"	139.7					**
CG0092	5-3/4"	146.0					**
CG0096	6"	152.4					**



1 HOLE SAW PER BOX.
ARBOR NOT INCLUDED.

These High Quality Carbide Grit Hole Saws are designed for use in hard or abrasive materials such as ceramics, fiberglass, hard woods, cast iron, & composites. They are best suited for thin materials that would strip bi-metal or carbide teeth. Saws have knock-out holes for easy core removal. Use a carbide tipped pilot arbor when drilling ceramics.

Made In



- ◆ Made In USA
- ◆ Tungsten Carbide Grit
- ◆ Bonded to Alloy Back
- ◆ Gulletted Edge
- ◆ Super Wear Resistance
- ◆ 1-3/8" Cutting Depth
- ◆ Premium Quality
- ◆ Black Finish

- Ceramics
- Fiberglass
- Cast Iron
- Hard Woods
- Composites



CARBIDE GRIT RECESSED LIGHTING HOLE SAWS

PART NUMBER	SIZE	PRICE EACH
CG0104	6-3/8"	\$196.85
CG0106	6-5/8"	\$196.85
CG0110	6-7/8"	\$196.85

* USE ARBORS 276AR0001, 276AR0002, 276AR0034 or 276CT0034.
** USE ARBORS 276AR0003, 276AR0035 or 276CT0045.



- ◆ Industrial Quality
- ◆ High Speed Steel
- ◆ Designed For Arbors
- ◆ HSS Sold 10/ Pack
- ◆ Carbide Sold Individually



1/4" Pilot Drills



PART #
277PD0014
1/4" HSS PILOT DRILL
3 STEPS



PART #
277PD0016
1/4" HSS PILOT DRILL
3 FLATS



PART #
277PD0018
1/4" HSS PILOT DRILL
1 FLAT



PART #
277PD0020
1/4" CARBIDE PILOT DRILL
2-7/8" LONG 1 FLAT



PART #
277PD0022
1/4" CARBIDE PILOT DRILL
4" LONG 1 FLAT

Extension

PART #
EXT001
12" Arbor
Extension

For 7/16" Hex
Shank Arbors
Only!!!

List

PART #
EXT002
12" Arbor
Extension

For 3/8" Hex
Shank Arbors
Only!!!

List



Arbor Adapter Nut

PART #
NUT001

Adapter Nut

Turns
1/2"-20
Thread
To 5/8"-18
Thread



List
\$6.65

Adapter nut allows smaller arbors without pins to fit larger hole saws. Not recommended for use with hole saws larger than 2-1/2".

Will work with any of the following 1/2"-20 threaded arbors:

- 276AR0001
- 276AR0002
- 276AR0025
- 276AR0034
- 276CT0034

Arbors - With Pilot Drills

Made In



- ◆ Made In USA
- ◆ High Quality
- ◆ Sold Individually in White Boxes
- ◆ Includes one 3-Flats HSS Pilot Drill

- ➔ Particle Board
- ➔ Formica
- ➔ Tile
- ➔ Ceramics
- ➔ Fiberglass
- ➔ Granite
- ➔ Marble

FOR USE WITH:

- Bi-Metal Hole Saws
- Carbide Tipped Hole Saws
- Carbide Grit Hole Saws



Use Arbors with Carbide Tipped Pilots when drilling with Carbide Tipped Hole Saws & Carbide Grit Hole Saws.

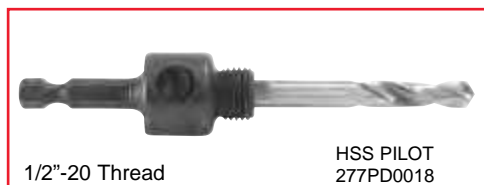
PART #
276AR001
 1/4" ROUND SHANK
 ARBOR FOR HOLE SAWS
 9/16" - 1-3/16"



PART #
276AR002
 7/16" HEX SHANK
 ARBOR FOR HOLE SAWS
 9/16" - 1-3/16"



PART #
276AR0025
 1/4" HEX POWER SHANK
 ARBOR FOR HOLE SAWS
 9/16" - 1-3/16"



PART #
276AR0034
 3/8" HEX SHANK
 FOR HOLE SAWS
 3/4" - 1-3/16"



PART #
276AR0003
 7/16" HEX SHANK
 ARBOR FOR HOLE SAWS
 1 1/4" - 6"



PART #
276AR0035
 3/8" HEX POWER SHANK
 FOR HOLE SAWS
 1 1/4" - 6"



PART #
276CT0034
 3/8" HEX POWER SHANK
 FOR HOLE SAWS
 3/4" - 1-3/16"



PART #
276CT0045
 7/16" HEX SHANK
 FOR HOLE SAWS
 1 1/4" - 6"





INTERNATIONAL TOOL MANUFACTURING
71-08 51st Ave. Woodside, NY 11377

(718) 446-0711 • (800) 247-5696
Fax (718) 899-6553


















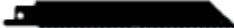



- ◆ **Made In USA**
 - ◆ 1/2" Universal Shank
 - ◆ Milled Teeth
 - ◆ Matrix II Cutting Edge
 - ◆ Tooth Hardness Rc 65-67
 - ◆ 8% Cobalt
 - ◆ Vacuum Heat Treatment
 - ◆ Long Life
- ◆ Shock Resistant Teeth
 - ◆ High Edge Hardness
 - ◆ High Heat Resistance
 - ◆ High Wear Resistance
 - ◆ Greater Rigidity
 - ◆ Resists Tooth Strippage
 - ◆ Accepts Higher Feed Pressure

Made In



All Purpose Reciprocating Blades - Bi-Metal

Part #	Blade Length	Teeth Per Inch	Description	Width / Length	Pack QTY.		Bulk (50 Pcs.) Part #
 RB636W	6"	6T	Wood & Nail Slope	3/4" x 6" x .050	5		BU-RB636W
 RB656WS	6"	6T	Wood & Nail Scroll	3/4" x 6" x .050	5		BU-RB656WS
 RB956W	9"	6T	Wood & Nail	3/4" x 9" x .050	5		BU-RB956W
 RB125W	12"	6T	Wood & Nail	3/4" x 12" x .050	5		BU-RB125W
 RB414M	4"	14T	Metal	3/4" x 4" x .035	5		BU-RB414M
 RB418M	4"	18T	Metal	3/4" x 4" x .035	5		BU-RB418M
 RB424M	4"	24T	Metal	3/4" x 4" x .035	5		BU-RB424M
 RB610HDM	6"	10T	Metal	3/4" x 6" x .035	5		BU-RB610HDM
 RB614HDM	6"	14T	Metal	3/4" x 6" x .035	5		BU-RB614HDM
 RB618HDM	6"	18T	Metal	3/4" x 6" x .035	5		BU-RB618HDM
 RB624HDM	6"	24T	Metal	3/4" x 6" x .035	5		BU-RB624HDM
 RB810HDM	8"	10T	Metal 10/14 V.P.	3/4" x 8" x .035	5		BU-RB810HDM
 RB814HDM	8"	14T	Metal	3/4" x 8" x .035	5		BU-RB814HDM
 RB818HDM	8"	18T	Metal	3/4" x 8" x .035	5		BU-RB818HDM
 RB1010HDM	10"	10T	Metal	3/4" x 10" x .035	5		BU-RB1010HDM
 RB1018HDM	10"	18T	Metal	3/4" x 10" x .035	5		BU-RB1018HDM
 RB1218HDM	12"	18T	Metal	3/4" x 12" x .035	5		BU-RB1218HDM
 RB636DW	6"	6T	Drywall V Head	3/4" x 6" x .050	5		BU-RB636DW
 R8CCRF	8"	Carbide Grit	Cast Iron-Ceramic Tile	3/4" x 8" x .050	1		BU-R8CCRF

VIGOR™

- ◆ Made In USA
- ◆ 1/2" Universal Shank
- ◆ 45% Thicker Than All Purpose Blades
- ◆ Wider Than All Purpose Blades
- ◆ Stay Rigid
- ◆ No Vibration
- ◆ More Cuts Per Blade



Made In



VIGOR Heavy Duty Reciprocating Blades - Bi-Metal

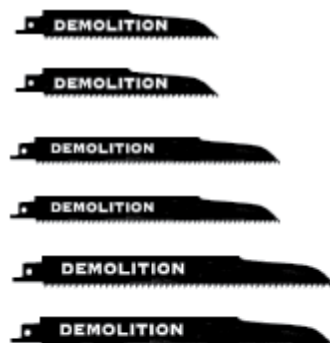
Part #	Blade Length	Teeth Per Inch	Description	Width / Length	Pack QTY.		Bulk (50 Pcs.) Part #
VIHD61014	6"	10/14 V.P.	HEAVY DUTY	3/4" X 6" X .050	5		BU-VIHD61014
VIHD81014	8"	10/14 V.P.	HEAVY DUTY	3/4" X 8" X .050	5		BU-VIHD81014
VIHD12014	12"	10/14 V.P.	HEAVY DUTY	3/4" X 12" X .050	5		BU-VIHD12014

V.P. = Variable Pitch (Teeth)



VIGOR Demolition Reciprocating Blades - Bi-Metal

Part #	Blade Length	Teeth Per Inch	Description	Width / Length	Pack QTY.		Bulk (25 Pcs.) Part #
VIDM60006	6"	6T	DEMOLITION	7/8" X 6" X .062	3		BU-VIDM60006
VIDM60010	6"	10T	DEMOLITION	7/8" X 6" X .062	3		BU-VIDM60010
VIDM90006	9"	6T	DEMOLITION	7/8" X 9" X .062	3		BU-VIDM90006
VIDM90010	9"	10T	DEMOLITION	7/8" X 9" X .062	3		BU-VIDM90010
VIDM12006	12"	6T	DEMOLITION	7/8" X 12" X .062	3		BU-VIDM12006
VIDM12010	12"	10T	DEMOLITION	7/8" X 12" X .062	3		BU-VIDM12010



Tooth Style:



Standard beveled configuration



10/14 Variable Pitch beveled configuration





Retail Packs



All Purpose Reciprocating Blades - Bi-Metal

Part #	Blade Length	Teeth Per Inch	Pack Description	Width / Length	QTY.
W636	6"	6T	WOOD & NAIL SLOPE	3/4" x 6" x .050	5
W956	9"	6T	WOOD & NAIL	3/4" x 9" x .050	5
W125	12"	6T	WOOD & NAIL	3/4" x 12" x .050	5
M614	6"	14T	METAL	3/4" x 6" x .035	5
M618	6"	18T	METAL	3/4" x 6" x .035	5
M624	6"	24T	METAL	3/4" x 6" x .035	5
M810	8"	10T	METAL	3/4" x 8" x .035	5
M814	8"	14T	METAL	3/4" x 8" x .035	5
M818	8"	18T	METAL	3/4" x 8" x .035	5
M1218	12"	18T	METAL	3/4" x 12" x .035	5

VIGOR Heavy Duty and Demolition - Bi-Metal

Part #	Blade Length	Teeth Per Inch	Pack Description	Width / Length	QTY.
HD610	6"	10/14T	HEAVY DUTY	3/4" x 6" x .050	5
HD810	8"	10/14T	HEAVY DUTY	3/4" x 8" x .050	5
HD120	12"	10/14T	HEAVY DUTY	3/4" x 12" x .050	5
DM606	6"	6T	DEMOLITION	7/8" x 6" x .062	3
DM610	6"	10T	DEMOLITION	7/8" x 6" x .062	3
DM906	9"	6T	DEMOLITION	7/8" x 9" x .062	3
DM910	9"	10T	DEMOLITION	7/8" x 9" x .062	3
DM1206	12"	6T	DEMOLITION	7/8" x 12" x .062	3
DM1210	12"	10T	DEMOLITION	7/8" x 12" x .062	3

- ◆ Made In USA
- ◆ Same Bi-Metal Blades p. 66-67
- ◆ Slim-Line Retail Packs
- ◆ Price Per Pack

Made In



Rack
P. 72

Bulk Retail Packs



All Purpose Reciprocating Blades - Bi-Metal

Part #	Blade Length	Teeth Per Inch	Pack Description	Width / Length	QTY.
W636-B	6"	6T	WOOD & NAIL SLOPE	3/4" x 6" x .050	50
W956-B	9"	6T	WOOD & NAIL	3/4" x 9" x .050	50
W125-B	12"	6T	WOOD & NAIL	3/4" x 12" x .050	50
M614-B	6"	14T	METAL	3/4" x 6" x .035	50
M618-B	6"	18T	METAL	3/4" x 6" x .035	50
M624-B	6"	24T	METAL	3/4" x 6" x .035	50
M810-B	8"	10T	METAL	3/4" x 8" x .035	50
M814-B	8"	14T	METAL	3/4" x 8" x .035	50
M818-B	8"	18T	METAL	3/4" x 8" x .035	50
M1218-B	12"	18T	METAL	3/4" x 12" x .035	50



VIGOR Heavy Duty and Demolition - Bi-Metal

Part #	Blade Length	Teeth Per Inch	Pack Description	Width / Length	QTY.
HD610-B	6"	10/14T	HEAVY DUTY	3/4" x 6" x .050	50
HD810-B	8"	10/14T	HEAVY DUTY	3/4" x 8" x .050	50
HD120-B	12"	10/14T	HEAVY DUTY	3/4" x 12" x .050	50
DM606-B	6"	6T	DEMOLITION	7/8" x 6" x .062	25
DM610-B	6"	10T	DEMOLITION	7/8" x 6" x .062	25
DM906-B	9"	6T	DEMOLITION	7/8" x 9" x .062	25
DM910-B	9"	10T	DEMOLITION	7/8" x 9" x .062	25
DM1206-B	12"	6T	DEMOLITION	7/8" x 12" x .062	25
DM1210-B	12"	10T	DEMOLITION	7/8" x 12" x .062	25





- ◆ Made In USA
- ◆ Same Bi-Metal Blades p. 66-67
- ◆ Slim-Line Retail Packs
- ◆ Price Per Pack









- ◆ Made In U.S.A.
- ◆ Industrial Quality
- ◆ Milled Teeth





BOSCH Shank Metal Cutting Blades - Bi-Metal

Part #	Blade Length	Teeth Per Inch	Description	Width / Length	Application	Pack QTY.		Bulk (50 Pcs.) Part #	
 BJB30014M	3"	14T	BOSCH SHANK JIG SAW	3" x 3/8" x 0.35	THICK METAL	5		BJB30014MB	
 BJB30018M	3"	18T	BOSCH SHANK JIG SAW	3" x 3/8" x 0.35	METAL TUBING	5		BJB30018MB	
 BJB30024M	3"	24T	BOSCH SHANK JIG SAW	3" x 3/8" x 0.35	THIN METAL TUBING	5		BJB30024MB	
 BJB52521M	5-1/4"	21T	BOSCH SHANK JIG SAW	5-1/4" x 5/16" x .042	SOFT STEEL ALUMINUM	5		BJB52521MB	



BOSCH Shank Wood / Plastic Cutting Blades - Bi-Metal

Part #	Blade Length	Teeth Per Inch	Description	Width / Length	Application	Pack QTY.		Bulk (50 Pcs.) Part #	
 BJB40006W	4"	6T	BOSCH SHANK JIG SAW	4" x 5/16" x .040	WOOD FIBER BOARD	5		BJB40006WB	
 BJB40008W	4"	8T	BOSCH SHANK JIG SAW	4" x 5/16" x .035	GENERAL WOOD/PLASTIC	5		BJB40008WB	
 BJB40010W	4"	10T	BOSCH SHANK JIG SAW	4" x 5/16" x .035	ALL WOOD/PLASTIC	5		BJB40010WB	
 BJB52512W	5-1/4"	12T	BOSCH SHANK JIG SAW	5-1/4" x 5/16" x .042	WOOD/PLASTIC METAL	5		BJB52512WB	

UNIVERSAL Shank Metal Cutting Blades - Bi-Metal

Part #	Blade Length	Teeth Per Inch	Description	Width / Length	Application	Pack QTY.		Bulk (50 Pcs.) Part #	
 UJB23418M	2-3/4"	18T	UNIVERSAL SHANK JIG SAW BLADE	2-3/4" x 3/16" x .035	SCROLL METAL	5		UJB23418MB	
 UJB30018M	3"	18T	UNIVERSAL SHANK JIG SAW BLADE	3" x 3/8" x .035	METAL 18 GAUGE & UNDER	5		UJB30018MB	
 UJB30024M	3"	24T	UNIVERSAL SHANK JIG SAW BLADE	3" x 3/8" x .035	METAL 18 GAUGE & UNDER	5		UJB30024MB	
 UJB40014M	4"	14T	UNIVERSAL SHANK JIG SAW BLADE	4" x 3/8" x .035	WOOD, RUBBER METAL UP TO 1/8"	5		UJB40014MB	

UNIVERSAL Shank Wood Cutting Blades - Bi-Metal

Part #	Blade Length	Teeth Per Inch	Description	Width / Length	Application	Pack QTY.		Bulk (50 Pcs.) Part #	
 UJB40006W	4"	6T	UNIVERSAL SHANK JIG SAW BLADE	4" x 3/8" x .035	HARD WOOD BOARD	5		UJB40006WB	
 UJB40010W	4"	10T	UNIVERSAL SHANK JIG SAW BLADE	4" x 3/8" x .035	HARD WOOD BOARD	5		UJB40010WB	



This High Tension Hack Saw Frame features a **NEW Cushin' Grip** handle and end pieces made of die cast aluminum. It is light weight yet extremely rigid and high tensioned; which provides cleaner, surer cuts. The blade can be set at a 55° angle for special flush cutting jobs (see figure A). The blade can also be inserted into the front end of the hack saw frame, and used as a versatile compass saw (see figure B). This frame fits most standard tool boxes.

- ◆ RED Cast Aluminum
- ◆ Light Weight
- ◆ Extremely Rigid
- ◆ Versatile
- ◆ 25,000 lbs Per Square Inch
- ◆ Includes 1 12" x 24T Bi-Metal Blade

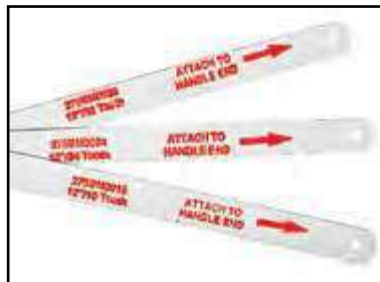
High Tension Hack Saw Frame

Part #	Description
278HX0002	High Tension Hack Saw Frame



Hack Saw Blades - Bi-Metal

Part #	OAL	Teeth Per Inch	Wide	Thick	QTY.
278BM0018	12"	18T	1/2"	.025	10
278BM0024	12"	24T	1/2"	.025	10
278BM0032	12"	32T	1/2"	.025	10



Made In



- ◆ Made In USA
- ◆ Bi-Metal
- ◆ Premium Quality
- ◆ White Finish

Band Saw Blades - Bi-Metal

Part #	OAL	Teeth Per Inch	Wide	Thick	QTY.
279SB0010	44-7/8"	10T	1/2"	.020	3
279SB0014	44-7/8"	14T	1/2"	.020	3
279SB0018	44-7/8"	18T	1/2"	.020	3
279SB0024	44-7/8"	24T	1/2"	.020	3
279VP1014	44-7/8"	10/14	1/2"	.020	3
279VP1418	44-7/8"	14/18	1/2"	.020	3



Made In



- ◆ Made In USA
- ◆ Bi-Metal
- ◆ Premium Quality
- ◆ Standard or Variable Pitch
- ◆ Use In All Hand Held Band Saws



INTERNATIONAL TOOL MANUFACTURING
71-08 51st Ave. Woodside, NY 11377

(718) 446-0711 • (800) 247-5696
Fax (718) 899-6553



- ◆ Heavy Duty
- ◆ Red Oxide Finish



Reciprocating Blade Rack

Part #	Rack
RACK10	Recip Rack

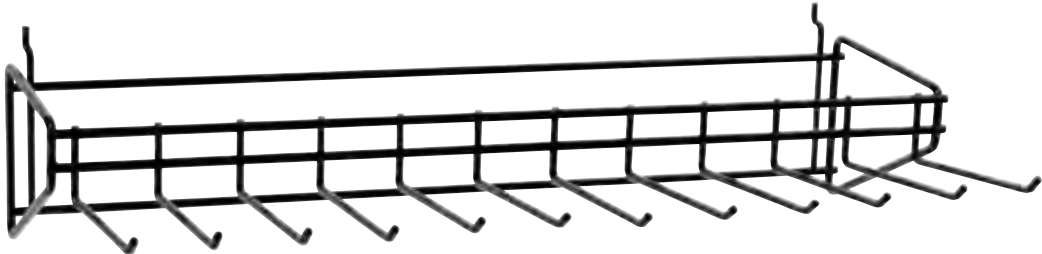
RACK10
3"Out X 8"H X 12"W
1/8" Metal Wire

Display Retail Packs, Pouches,
and Single Blades.





RACK12
7"Out X 8"H X 24"W
1/4" Metal Wire



RACK18
15"Out X 8"H X 24"W
1/4" Metal Wire

Made In



- ◆ Heavy Duty
- ◆ Black Oxide Finish

Metal Racks

Part #	Rack
RACK12	Top Header
RACK18	Bottom X-Tra



All individually packed ITM drill bits have barcode and can be hung on this display. Simple and hassle free.



ROTATION ONLY

Fast drilling speeds and lubricant are recommended when using these drills.

- ◆ Precision Design
- ◆ V-Groove+ Carbide Head
- ◆ 3-Flat Shanks > 1/4"

- Marble
- Tile
- Porcelain
- Granite
- Ceramics



V-GROOVE + - CARBIDE TIP

Part #	Size	X	OAL	Drilling	Shank
GRT-4001	1/8"	X	3"	2"	1/8"
GRT-4002	3/16"	X	4"	2-3/4"	3/16"
GRT-6001	3/16"	X	6"	4-1/4"	3/16"
GRT-4003	1/4"	X	4"	2-3/4"	1/4"
GRT-6002	1/4"	X	6"	4-1/4"	1/4"
GRT-6003	5/16"	X	6"	4-1/4"	5/16"
GRT-6004	3/8"	X	6"	4-1/4"	3/8"
GRT-6005	1/2"	X	6"	4-1/4"	1/2"

ROTATION ONLY

Fast drilling speeds and lubricant are recommended when using these drills.

- ◆ Tungsten Carbide Tip

- Glass
- Mirrors
- Ceramics
- Tile
- Acrylics



Glass Drills - STANDARD TIP

Part #	Size	OAL	Shank
601GL0864	1/8"	2-1/4"	1/8"
601GL1264	3/16"	2-3/4"	3/16"
601GL1664	1/4"	3"	1/4"
601GL2064	5/16"	3-1/4"	1/4"
601GL2464	3/8"	3-1/2"	3/8"
601GL3264	1/2"	4"	3/8"



Glass Drills - QUAD-CUTTER

Part #	Size	OAL	Shank
QG-0012	3/16"	2-3/4"	3/16"
QG-0014	1/4"	3"	1/4"
QG-0016	5/16"	3-1/4"	1/4"
QG-0018	3/8"	3-1/2"	3/8"
QG-0020	1/2"	4"	3/8"

ROTATION ONLY

Fast drilling speeds and lubricant are recommended when using these drills.

- ◆ Tungsten Carbide Tip

- Glass
- Mirrors
- Ceramics
- Tile
- Acrylics



Glass Drills - RAZOR CUTTER

Part #	Size	OAL	Shank
RAZ-4002	3/16"	4"	3/16"
RAZ-4003	1/4"	4"	1/4"





Multi Purpose Drills - CARBIDE TIP

Part #	Size	OAL	Drilling	Shank
600CD0864	1/8"	3"	1-1/2"	1/8"
600CD1064	5/32"	3-1/8"	1-3/4"	5/32"
600CD1264	3/16"	3-1/2"	2-3/16"	3/16"
600CD1664	1/4"	4-1/8"	2-9/16"	1/4"
600CD2064	5/16"	4-3/4"	3-5/32"	5/16"
600CD2464	3/8"	6"	4-3/8"	3/8"
600CD3264	1/2"	6-3/4"	4"	1/2"
600CD4064	5/8"	6"	4"	1/2"

"THE PERFECT CARBIDE BIT FOR ANY FASTENING OR RENOVATION JOB!!!"

This drill bit is specially developed for efficient rotary drilling in a wide range of materials in one operation without changing the drill bit. Ideal for cordless machines and any fastening jobs where drilling in different materials is necessary.

ROTATION ONLY



- ◆ Multi Purpose
- ◆ Tungsten Carbide
- ◆ Turbo Flute
- ◆ Heat Treated Body
- ◆ Polished Finish
- ◆ High Wearability
- ◆ Straight Shank
- ◆ ANSI Specification

- Brick
- Cement
- Tile
- Marble
- Fiberglass
- Metal
- Wood

ROTATION ONLY
Moderate drilling speeds and lubricant are recommended when using these drills.



Hard Steel Drill - Left Hand

Part #	Size	X	OAL	Shank
LHB-18	1/8"	X	2-3/4"	1/8"
LHB-20	3/16"	X	3"	3/16"
LHB-22	1/4"	X	4"	1/4"
LHB-24	1/4"	X	6"	1/4"
LHB-26	5/16"	X	4"	1/4"
LHB-28	5/16"	X	6"	5/16"
LHB-30	3/8"	X	4"	1/4"
LHB-32	3/8"	X	6"	3/8"
LHB-50	1/2"	X	6"	1/2"

Hard Steel Drill - Right Hand

Part #	Size	X	OAL	Shank
RHB-18	1/8"	X	2-3/4"	1/8"
RHB-20	3/16"	X	3"	3/16"
RHB-22	1/4"	X	4"	1/4"
RHB-24	1/4"	X	6"	1/4"
RHB-26	5/16"	X	4"	1/4"
RHB-28	5/16"	X	6"	5/16"
RHB-30	3/8"	X	4"	1/4"
RHB-32	3/8"	X	6"	3/8"
RHB-50	1/2"	X	6"	1/2"

- ◆ Carbide Tip
- ◆ Tempered Body
- ◆ ANSI B212.15-1994

- Broken Bolts
- Freeze Plugs
- Bearing Races
- Safes
- Shafts
- Gears
- Industrial Parts

Made In





Roto Percussion Drills - Super Shlager

Part #	Size	X	OAL	Drilling	Shank
700040864	1/8"	X	3"	1-1/2"	1/8"
700061064	5/32"	X	6"	4"	5/32"
700041264	3/16"	X	3-1/2"	1-3/4"	3/16"
700061264	3/16"	X	6"	4"	3/16"
700061464	7/32"	X	6"	4"	7/32"
700041664	1/4"	X	4"	2-1/2"	1/4"
700061664	1/4"	X	6"	4"	1/4"
700081664	1/4"	X	12"	10"	1/4"
700024166	1/4"	X	24"	20"	1/4"
700041864	9/32"	X	4"	2-1/2"	1/4"
700042064	5/16"	X	4-3/4"	3-1/2"	5/16"
700062064	5/16"	X	6"	4"	5/16"
700062464	3/8"	X	6"	4"	3/8"
700082464	3/8"	X	12"	10"	3/8"
700020246	3/8"	X	20"	16"	3/8"
700024246	3/8"	X	24"	20"	3/8"
700062864	7/16"	X	6"	4"	3/8"
700063264	1/2"	X	6"	4"	3/8"
700083264	1/2"	X	12"	10"	3/8"
700020326	1/2"	X	20"	16"	3/8"
700024326	1/2"	X	24"	20"	3/8"
700063664	9/16"	X	6"	4"	Hex 3/8"
700064064	5/8"	X	6"	4"	Hex 3/8"
700084064	5/8"	X	12"	10"	Hex 3/8"
700024406	5/8"	X	24"	20"	Hex 1/2"
700064864	3/4"	X	6"	4"	Hex 1/2"
700084864	3/4"	X	12"	10"	Hex 1/2"
700065664	7/8"	X	6"	4"	Hex 1/2"
700085664	7/8"	X	12"	10"	Hex 1/2"
700066464	1"	X	6"	4"	Hex 1/2"
700086464	1"	X	12"	10"	Hex 1/2"
700024646	1"	X	24"	20"	Hex 1/2"

Made For Hammer Drills!

- ◆ Heavy Duty
- ◆ Percussion Grade Tungsten Carbide
- ◆ Unique Spiral Flute for Fast Dust Removal
- ◆ Heat Treated Body
- ◆ Polished Finish
- ◆ Hex Shank on Larger Diameters to Prevent Slipping
- ◆ ANSI Specification

- Brick
- Cinder Block
- Up To 3000 psi Concrete
- Granite



SOLD INDIVIDUALLY.
1 PER TUBE.



These Drill Bits are made for machines with percussion. They will not perform with rotation only.



SDS-PLUS ROTARY HAMMER DRILL MACHINES

BOSCH	DEWALT	HILTI	HITACHI	MAKITA	MILWAUKEE	METABO
11207	D25012K	TE 1	DH18DL	BHR202	0756-22	6010
11210	D25023K	TE 2	DH22PG	BHR241	2412-20	6011
11211	D25111K	TE 2-A	DH24	HR160	2416-20XC	6015
11212	D25123K	TE 2-A18	DH24PF3	HR1821	2605-20	6018
11215	D25133K	TE 2-M	DH25	HR1830	2612-22	6020
11524	D25211K	TE 2-S	DH28	HR1830F	2712-22	6021
11213RK	D25213K	TE 4-A18	DH28PC	HR2000	2715-22	6024
11221DVS	D25223K	TE 4-A22	DH28PD	HR2010	5262	6026
11222EVS/G	D25211K	TE 6-A36-AVR	DH30	HR2400	5262-21	6028
11224VSR	D25213K	TE 6-S	H30PV	HR2410	5263	BHA18
11225VSR/H	D25223K	TE 7	VR16	HR2420	5263-21	BHE22
11228VSR	D25260K	TE 7-A	VRT22	HR2431	5268-21	BHE2243
11234VSR	D25262K	TE 7-C		HR2432	5302	BHE24
11236VS	D25263K	TE 30		HR2450	5303	BHE2444
11239VS	D25313K	TE 30-A36		HR2455	5312	BHE2644
11250VSR	D25323K	TE 30-C-AVR		HR2470F	5320	BHE6015
11250VSRD	D25324K	TE 30-M-AVR		HR2475	5324	KHE24
11253VSR	D25404K	TE 40		HR2511	5342	KHE2444
11255VSR	D25413K	TE 40-AVR		HR2611F	5359	KHE2640
11536C-1(2)	D25416K	TE A-36AVR		HR2621	5359-21	KHE2644
11536VSR		TE/GP 22		HR2811F	5360	KHE3650
RH228VC				HR3000C	5362	KHE28
RH328VC(Q)				HR3210C	5363	KHE2851
RH432VC(Q)					5363-21	KHE32
RHH181-01					5365	KHE3250
RHH181BL					5366	KHE3251
RHS181B					5368	UHE22
RHS181K					5369	UHE2250
					5383	UHE2450
					V28	UHE2650
						UHE28
						UHE2850



SDS-MAX ROTARY HAMMER DRILL MACHINES

BOSCH	DEWALT	HILTI	HITACHI	MAKITA	MILWAUKEE	METABO
11214EVS	25600K	TE-F 52	DH38MS	HR4000C	5308	6045
1223	2570K	TE-F 60	DH40MA	HR4001C	5313	KHE 5-40
1227	541K	TE-F 72	DH40MB	HR4002	5314	KHE56
1230	545K	TE-F 92	DH40MR Y	HR4002C	5315	KHE76
11216	D25501K	TE-Y 54	DH45MR	HR4010C	5317	KHE96
11231	D25601K	TE-Y 55	DH50MR Y	HR4013C	5317-21	
11235	D25602K	TE-Y 56	H60HR	HR4500C	5342	
11240	D25603K	TE-Y 70		HR4510C	5342-21	
11241	D25712K	TE-Y 74		HR5001C	5346	
11245	D25721K	TE-Y 75		HR5210C	5426	
11245EVS	D25723K	TE-Y 76		HR5212C	5426-1	
11263	D25761K	TE50			5446	
11263EVS	D25762K	TE60				
11264	D25763K	TE60-ATC/AVR				
11264EVS		TE70				
RH540M		TE70-ATC/AVR				
RH745		TE80-ATC/AVR				
RH850VC						



SPLINE DRIVE ROTARY HAMMER DRILL MACHINES

BOSCH	DEWALT	HILTI	HITACHI	MAKITA	MILWAUKEE	METABO
11202	D25651K	N/A	DH38YE2	HR3851	5309	N/A
11203	D25553K		DH40FR	HR4040C	5311	
11204	530K		DS50SBK	HR4041C	5316	
11205	531K			HR5000	5316-21	
11209	532K				5317	
11214	533K				5318	
11219					5319	
11220					5321	
11232					5340-21	
11233					5341	
11247					5343	
11248					5344	
11244E					5347	
11265EVS					5348	
RH540S					5352	
					5345	

X-CUTTER DRILLS REINFORCED CONCRETE!

SDS-MAX® Rotary Hammer Drills

Part #	Size	X	OAL	Drilling	Head
SMTE1338	3/8"	X	13"	7-1/2"	REGULAR
SMTE1312	1/2"	X	13"	7-1/2"	REGULAR
SMTE1712	1/2"	X	17"	12"	REGULAR
SMTE2212	1/2"	X	21"	15-1/2"	REGULAR
SMTE1391	9/16"	X	13"	7-1/2"	REGULAR
SMTE2192	9/16"	X	21"	15-1/2"	REGULAR
SMTE1358	5/8"	X	13"	7-1/2"	X-CUTTER
SMTE1758	5/8"	X	17"	12"	X-CUTTER
SMTE2258	5/8"	X	21"	15-1/2"	X-CUTTER
SMTE3658	5/8"	X	36"	30-1/2"	X-CUTTER
SMTE2111	11/16"	X	21"	15-1/2"	X-CUTTER
SMTE1334	3/4"	X	13"	8"	X-CUTTER
SMTE1734	3/4"	X	17"	12"	X-CUTTER
SMTE2234	3/4"	X	21"	17"	X-CUTTER
SMTE3634	3/4"	X	36"	31"	X-CUTTER
SMTE2113	13/16"	X	21"	17"	X-CUTTER
SMTE1378	7/8"	X	13"	8"	X-CUTTER
SMTE1778	7/8"	X	17"	12"	X-CUTTER
SMTE2278	7/8"	X	21"	17"	X-CUTTER
SMTE3678	7/8"	X	36"	31"	X-CUTTER
SMTE1301	1"	X	13"	8"	X-CUTTER
SMTE1701	1"	X	17"	12"	X-CUTTER
SMTE2201	1"	X	21"	17"	X-CUTTER
SMTE3601	1"	X	36"	31"	X-CUTTER
SMTE2311	1-1/16"	X	23"	18"	X-CUTTER
SMTE1718	1-1/8"	X	17"	12"	X-CUTTER
SMTE2218	1-1/8"	X	21"	17"	X-CUTTER
SMTE3618	1-1/8"	X	36"	31"	X-CUTTER
SMTE2313	1-3/16"	X	23"	18"	X-CUTTER
SMTE1714	1-1/4"	X	15"	10"	X-CUTTER
SMTE2214	1-1/4"	X	23"	18"	X-CUTTER
SMTE3614	1-1/4"	X	36"	31"	X-CUTTER
SMTE1738	1-3/8"	X	17"	12"	X-CUTTER
SMTE2238	1-3/8"	X	23"	18"	X-CUTTER
SMTE3638	1-3/8"	X	36"	31"	X-CUTTER
SMTE1721	1-1/2"	X	17"	12"	X-CUTTER
SMTE2221	1-1/2"	X	23"	18"	X-CUTTER
SMTE2334	1-3/4"	X	23"	18"	X-CUTTER
SMTE2202	2"	X	23"	18"	X-CUTTER



- ◆ Rotary Hammer Drill
- ◆ Industrial Quality
- ◆ Special Tungsten Carbide Tip
- ◆ Copper / Silver Brazing
- ◆ Fastest Dust Removal
- ◆ Fastest Drilling Speeds
- ◆ Heat Treated Body
- ◆ Clean Round Holes
- ◆ Less Vibration
- ◆ Polished Finish
- ◆ ANSI Specification

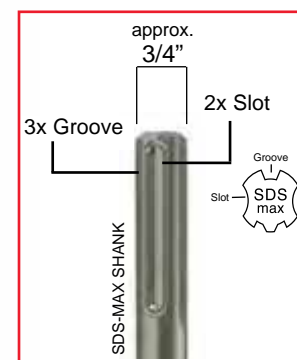
- ➔ Reinforced Concrete
- ➔ Brick
- ➔ Stone
- ➔ Masonry
- ➔ Aggregates



SOLD INDIVIDUALLY.
1 PER TUBE.



Extensions on Page 94.



Bosch® License



- ◆ Rotary Hammer Drill
- ◆ Industrial Quality
- ◆ Special Tungsten Carbide Tip
- ◆ Copper / Silver Brazing
- ◆ Fastest Dust Removal
- ◆ Fastest Drilling Speeds
- ◆ Heat Treated Body
- ◆ Clean Round Holes
- ◆ Less Vibration
- ◆ Polished Finish
- ◆ ANSI Specification

- Brick
- Stone
- Masonry
- Aggregates



GERMANY



ANSI

SOLD INDIVIDUALLY.
 1 PER TUBE.



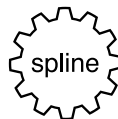
Spline Drive Rotary Hammer Drills

Part #	Size	X	OAL	Drilling	Head
717SP1238	3/8"	X	10"	5"	REGULAR
717SP1638	3/8"	X	16"	11"	REGULAR
717SP1212	1/2"	X	10"	5"	REGULAR
717SP1612	1/2"	X	16"	11"	REGULAR
717SP2212	1/2"	X	22"	17"	REGULAR
717SP2812	1/2"	X	29"	24"	REGULAR
717SP3612	1/2"	X	36"	31"	REGULAR
717SP1291	9/16"	X	10"	5"	REGULAR
717SP1691	9/16"	X	16"	11"	REGULAR
717SP2291	9/16"	X	23"	17"	REGULAR
717SP2891	9/16"	X	29"	24"	REGULAR
717SP1258	5/8"	X	10"	5"	REGULAR
717SP1658	5/8"	X	16"	11"	REGULAR
717SP2258	5/8"	X	22"	17"	REGULAR
717SP3658	5/8"	X	36"	31"	REGULAR
717SP1211	11/16"	X	13"	8"	REGULAR
717SP1611	11/16"	X	16"	11"	REGULAR
717SP1234	3/4"	X	10"	5"	REGULAR
717SP1634	3/4"	X	16"	11"	REGULAR
717SP2234	3/4"	X	22"	17"	REGULAR
717SP3634	3/4"	X	36"	31"	REGULAR
717SP1678	7/8"	X	16"	11"	REGULAR
717SP2278	7/8"	X	22"	17"	REGULAR
717SP3678	7/8"	X	36"	31"	REGULAR
717SP1201	1"	X	13"	8"	REGULAR
717SP1601	1"	X	16"	11"	REGULAR
717SP2201	1"	X	22"	17"	REGULAR
717SP3601	1"	X	36"	31"	REGULAR
717SP1618	1-1/8"	X	16"	11"	REGULAR
717SP2218	1-1/8"	X	22"	17"	REGULAR
717SP1614	1-1/4"	X	16"	11"	REGULAR
717SP2214	1-1/4"	X	22"	17"	REGULAR
717SP3614	1-1/4"	X	36"	31"	REGULAR
717SP2213	1-3/8"	X	22"	17"	REGULAR
717SP6112	1-1/2"	X	16"	11"	REGULAR
717SP4112	1-1/2"	X	22"	17"	REGULAR
717SP3234	1-3/4"	X	22"	17"	REGULAR
717SP2202	2"	X	22"	17"	REGULAR

X-CUTTER *DRILLS REINFORCED CONCRETE!*

Spline Drive Rotary Hammer Drills

Part #	Size	X	OAL	Drilling	Head
7SPCR1058	5/8"	X	10"	6"	X-CUTTER
7SPCR1658	5/8"	X	16"	11"	X-CUTTER
7SPCR2258	5/8"	X	22"	17"	X-CUTTER
7SPCR2958	5/8"	X	29"	24"	X-CUTTER
7SPCR3658	5/8"	X	36"	31"	X-CUTTER
7SPCR1034	3/4"	X	10"	6"	X-CUTTER
7SPCR1634	3/4"	X	16"	11"	X-CUTTER
7SPCR2234	3/4"	X	22"	17"	X-CUTTER
7SPCR2934	3/4"	X	29"	24"	X-CUTTER
7SPCR3634	3/4"	X	36"	31"	X-CUTTER
7SPCR1678	7/8"	X	16"	11"	X-CUTTER
7SPCR2278	7/8"	X	22"	17"	X-CUTTER
7SPCR1601	1"	X	16"	11"	X-CUTTER
7SPCR2201	1"	X	22"	17"	X-CUTTER
7SPCR3601	1"	X	36"	31"	X-CUTTER
7SPCR1618	1-1/8"	X	16"	11"	X-CUTTER
7SPCR2218	1-1/8"	X	22"	17"	X-CUTTER
7SPCR1614	1-1/4"	X	16"	11"	X-CUTTER
7SPCR2214	1-1/4"	X	22"	17"	X-CUTTER
7SPCR2914	1-1/4"	X	29"	24"	X-CUTTER
7SPCR3614	1-1/4"	X	36"	31"	X-CUTTER
7SPCR1638	1-3/8"	X	16"	11"	X-CUTTER
7SPCR2238	1-3/8"	X	22"	17"	X-CUTTER
7SPCR2212	1-1/2"	X	22"	17"	X-CUTTER
7SPCR3423	1-3/4"	X	23"	18"	X-CUTTER



- ◆ Rotary Hammer Drill
- ◆ Industrial Quality
- ◆ 4-Cutter Head
- ◆ Special Tungsten Carbide Tip
- ◆ Copper / Silver Brazing
- ◆ Fastest Dust Removal
- ◆ Fastest Drilling Speeds
- ◆ Heat Treated Body
- ◆ Clean Round Holes
- ◆ Less Vibration
- ◆ Polished Finish
- ◆ ANSI Specification

- Reinforced Concrete
- Brick
- Stone
- Masonry
- Aggregates



SOLD INDIVIDUALLY
1 PER TUBE.



SDS-MAX® Tunnel Bore Drills

Part #	Size	X	OAL	Shank
950CC7330	1-1/2"	X	12-1/4"	SDS-MAX
950CC7331	1-1/2"	X	22"	SDS-MAX
950CC7332	1-3/4"	X	12-1/4"	SDS-MAX
950CC7333	1-3/4"	X	22"	SDS-MAX
950CC7342	1-3/4"	X	39"	SDS-MAX
950CC7336	2-1/8"	X	12-1/4"	SDS-MAX
950CC7337	2-1/8"	X	22"	SDS-MAX
950CC7343	2-1/8"	X	39"	SDS-MAX
950CC7338	2-1/2"	X	12-1/4"	SDS-MAX
950CC7339	2-1/2"	X	22"	SDS-MAX
950CC7344	2-1/2"	X	39"	SDS-MAX
950CC7340	3-1/8"	X	12-1/4"	SDS-MAX
950CC7341	3-1/8"	X	22"	SDS-MAX
950CC7345	3-1/8"	X	39"	SDS-MAX

- ◆ Industrial Quality
- ◆ 1 Piece Construction
- ◆ Special Tungsten Carbide Tip
- ◆ Copper / Silver Brazing
- ◆ Fast Drilling Speed
- ◆ Clean Round Holes
- ◆ Less Vibration
- ◆ Polished Finish

- Concrete
- Brick
- Stone
- Masonry
- Aggregates



Extensions on Page 94.

SOLD INDIVIDUALLY.
1 PER TUBE.



Adapters

Part #	Description	OAL
800RA010	SPLINE ADAPTER	7"
800RA020	SDS-MAX ADAPTER	7"



◆ 5/8" - 11 Internal Thread

Pilot Drills

Part #	Description
800RP124	5/8" X 4-3/4" PILOT
800RP174	5/8" X 6-3/4" PILOT
800RP255	1/2" X 6" PILOT



- RECOMMENDED.
- BETTER FOR DEEP DRILLING.
- FOR RATIO CORE BIT ONLY!!!

- ◆ Modular System
- ◆ Up to 6" Diameter
- ◆ Allows for Angle Drilling
- ◆ Use With or Without Spiral Flute
- ◆ Adapters Accommodate Any Combination
- ◆ Unmatched Flexibility



Cruciform™ Drill Heads

Part #	Description	OAL
800RC040	1-1/2" DRILL HEAD	1-1/2"
800RC045	1-3/4" DRILL HEAD	1-1/2"
800RC052	2" DRILL HEAD	1-1/2"
800RC065	2-5/8" DRILL HEAD	1-1/2"
800RC080	3-1/8" DRILL HEAD	1-1/2"
800RC090	3-1/2" DRILL HEAD	1-1/2"
800RC100	4" DRILL HEAD	1-1/2"
800RC110	4-1/2" DRILL HEAD	1-1/2"
800RC125	5" DRILL HEAD	1-1/2"
800RC150	6" DRILL HEAD	1-1/2"



Replacement Coupler
5/8" - 11 X 2" OAL
800RT001 List \$18.87

Extensions

Part #	Description
800RE300	11" LONG EXTENSION
800RE450	18" LONG EXTENSION



Hard Body Spiral Flutes

Part #	Description	OAL
800RF145	1-1/2" FLUTE	4"
800RF145	1-3/4" FLUTE	4"
800RF152	2" FLUTE	4"
800RF165	2-5/8" FLUTE	4"
800RF180	3-1/8" FLUTE	4"
800RF180	3-1/2" FLUTE	4"



- Same flute fits 1-1/2" & 1-3/4"
- Same flute fits 3-1/8" & 3-1/2"

Ratio Core Bits - INTERNAL THREAD

Part #	Description	OAL
800RK150	1-1/2" CORE BIT	3"
800RK200	2" CORE BIT	3"
800RK250	2-1/2" CORE BIT	3"
800RK300	3" CORE BIT	3"
800RK350	3-1/2" CORE BIT	3"
800RK400	4" CORE BIT	3"
800RK450	4-1/2" CORE BIT	3"
800RK500	5" CORE BIT	3"
800RK600	6" CORE BIT	3"



USE PILOT DRILL
800RP255 ONLY!!!



i All parts sold separately. Drilling through REBAR will cause damage to system.



Pilot Drill - A-TAPER FOR EXTENSION

Part #	Size
721PD0385	3/8" X 6" A-TAPER

Ejector Key

Part #	Description
722EJ0001	EJECTOR KEY



Carbide Core Bit - 4" OAL / TAPER

Part #	Size	# Teeth
719CB0040	1-1/2"	6
719CB0050	2"	6
719CB0065	2-1/2"	9
719CB0080	3" (3-1/8")	9
719CB0090	3-1/2" (3-9/16")	9
719CB0100	4"	9
719CB0125	5"	12

All 3-1/2" Diameter Core Bits Are Now 3-9/16"

These Heavy Duty Rotary Hammer Core Bits are used with either Spline or SDS-MAX electric rotary hammer machines. The special alloy steel body and Tungsten Carbide withstand continuous hammering. A pilot drill bit and extension are required.



GERMANY

TAPER



- INSTRUCTIONS**
- ❑ Wipe off oil or lubricant from the taper of the extension and the inner taper of the core bit.
 - ❑ Insert the pilot drill into the drive extension first.
 - ❑ Insert the drive extension into the core bit.
 - ④ Start drilling hole until the core bit is 3/8" deep.
 - ⑤ Use the ejector key to push out the pilot drill.
 - ⑥ Continue drilling the hole until the material being drilled fills the core bit interior. Approximately 3-1/2" deep.
 - ⑦ Break the drilled material inside the core bit with a chisel (if necessary.)
 - ⑧ Return to Step 6 until desired hole depth is achieved.

Extensions



SPLINE DRIVE

Part #	Size	Shank
720SP0008	8"	SPLINE
720SP0018	18"	SPLINE



SDS - MAX®

Part #	Size	Shank
720MAX008	8"	SDS-MAX
720MAX018	18"	SDS-MAX



Notice: Core Bit drilling without the use of a pilot drill bit causes excessive pressure on the taper shank system. This can result in breakage to the extension at the tapered end, especially between the two slots. Such jagged breaks are not considered defective and may not be covered under warranty.

1-Pc SDS-MAX® Core Bits

Part #	Size	X	OAL	# Teeth	Shank
990HH1015	1-1/2"	X	12"	4	SDS-MAX
990HH1025	1-1/2"	X	22"	4	SDS-MAX
990HH1155	1-3/4"	X	12"	6	SDS-MAX
990HH1165	1-3/4"	X	22"	6	SDS-MAX
990HH1035	2"	X	12"	6	SDS-MAX
990HH1045	2"	X	22"	6	SDS-MAX
990HH1055	2-5/8"	X	12"	8	SDS-MAX
990HH1065	2-5/8"	X	22"	8	SDS-MAX
990HH1075	3-1/8"	X	12"	8	SDS-MAX
990HH1085	3-1/8"	X	22"	8	SDS-MAX
990HH1095	3-9/16"	X	12"	10	SDS-MAX
990HH1105	3-9/16"	X	22"	10	SDS-MAX
990HH1115	4"	X	12"	10	SDS-MAX
990HH1125	4"	X	22"	10	SDS-MAX
990HH1215	5"	X	12"	14	SDS-MAX
990HH1135	5"	X	22"	14	SDS-MAX
990HH1145	6"	X	22"	18	SDS-MAX

All 3-1/2" Diameter Core Bits Are Now 3-9/16"

1-Pc Spine Core Bits

Part #	Size	X	OAL	# Teeth	Shank
920HH1505	1-1/2"	X	12"	4	SPLINE
920HH1515	1-1/2"	X	22"	4	SPLINE
920HH1665	1-3/4"	X	12"	6	SPLINE
920HH1675	1-3/4"	X	22"	6	SPLINE
920HH1525	2"	X	12"	6	SPLINE
920HH1535	2"	X	22"	6	SPLINE
920HH1545	2-5/8"	X	12"	8	SPLINE
920HH1555	2-5/8"	X	22"	8	SPLINE
920HH1565	3-1/8"	X	12"	8	SPLINE
920HH1575	3-1/8"	X	22"	8	SPLINE
920HH1585	3-9/16"	X	12"	10	SPLINE
920HH1595	3-9/16"	X	22"	10	SPLINE
920HH1605	4"	X	12"	10	SPLINE
920HH1615	4"	X	22"	10	SPLINE
920HH1625	5"	X	12"	14	SPLINE
920HH1635	5"	X	22"	14	SPLINE
920HH1655	6"	X	22"	18	SPLINE

All 3-1/2" Diameter Core Bits Are Now 3-9/16"



Pilot Drill & Key - REPLACEMENT PARTS

Part #	Size
900PD1143	7/16" X 4-3/4" PILOT DRILL
900DK7006	3/8" ROUND DRIFT KEY



- ◆ Industrial Quality
- ◆ 1 Piece Construction
- ◆ Special Tungsten Carbide Tip
- ◆ Copper / Silver Brazing
- ◆ Clean Round Holes
- ◆ Less Vibration
- ◆ Polished Finish

- Concrete
- Brick
- Stone
- Masonry
- Aggregates



Each Core Bit Includes Pilot Drill & Key

SOLD INDIVIDUALLY. 1 PER TUBE.

Asymmetrical Tooth Arrangement For Faster Drilling Process





SDS-PLUS ROTARY HAMMER DRILLS



Chisel Shaped Head Geometry - Fast Penetration
 High Volume Flute - Fast Dust Removal



REDLINE P. 87

- ◆ ANSI Specification
- ◆ Made in Germany

- Mild Concrete
- Brick
- Stone
- Masonry
- Aggregates



Serrated Head Geometry and Self Centering Tip - Easy Spot Drilling
 Web Shaped Head - Improved Dust Release to Flute.
 High Volume Flute - Faster Debris Removal
 Flute Core Reinforcement - Reduces Vibrations
 Rebar Chamfers - Prevents Carbide From Cracking When in Contact with Rebar



BOHR HAMMER P. 88-89

- ◆ ANSI Specification
- ◆ Made in Germany

- Concrete
- Brick
- Stone
- Masonry
- Aggregates



135° One Piece Carbide Head - Crushes Through and Prevents Sticking in Rebar
 Self Centering Tip - Easy Spot Drilling
 Square Fluted Geometry - Accelerates Dust Extraction for Longer Drill Life
 Maximum Core Reinforcement - Reduces Vibrations



TRICUTTER P. 90

- ◆ ANSI Specification
- ◆ Made in France

- Reinforced Concrete
- Brick
- Stone
- Masonry
- Aggregates



4 x 90° Serrated Tip Carbide Head - Crushes Through and Prevents Sticking in Rebar
 High Helix Geometry Flute - For Torsional Stress and Getting Debris to Flute
 Rebar Chamfers - Prevents Carbide From Cracking When in Contact With Rebar
 4 Fluted Geometry - Evenly Distributes Flute Load for Less Flute Wear
 Maximum Core Reinforcement - Reduces Vibrations



eVolution P. 91

- ◆ ANSI Specification
- ◆ Made in Germany

- Reinforced Concrete
- Brick
- Stone
- Masonry
- Aggregates



4 x 90° X-Cutter Carbide Head - Crushes Through and Prevents Sticking in Rebar
 Wear Mark Indicator - Ensures Dimensional Hole Accuracy
 Rebar Chamfers - Prevents Carbide From Cracking When in Contact With Rebar
 More Carbide Mass - Extra Carbide Compared to Bohr Hammer
 Flute Core Reinforcement - Reduces Vibrations



X-CUTTER P.92

- ◆ ANSI Specification
- ◆ Made in Germany

- Reinforced Concrete
- Brick
- Stone
- Masonry
- Aggregates

REDLINE

SDS-PLUS Rotary Hammer Drills

Part #	Size	X	OAL	Drilling	QTY.
RL-41064	5/32"	X	4-1/4"	2"	1
RL-61064	5/32"	X	6-1/4"	4"	1
RL-61064-B	5/32"	X	6-1/4"	4"	25
RL-41264	3/16"	X	4-1/4"	2"	1
RL-61264	3/16"	X	6-1/4"	4"	1
RL-61264-B	3/16"	X	6-1/4"	4"	25
RL-81264	3/16"	X	8-1/4"	6"	1
RL-81264-B	3/16"	X	8-1/4"	6"	25
RL-41664	1/4"	X	4-1/4"	2"	1
RL-41664-B	1/4"	X	4-1/4"	2"	25
RL-61664	1/4"	X	6-1/4"	4"	1
RL-61664-B	1/4"	X	6-1/4"	4"	25
RL-81664	1/4"	X	8-1/4"	6"	1
RL-81664-B	1/4"	X	8-1/4"	6"	25
RL-62064	5/16"	X	6-1/4"	4"	1
RL-62064-B	5/16"	X	6-1/4"	4"	25
RL-62464	3/8"	X	6-1/4"	4"	1
RL-62464-B	3/8"	X	6-1/4"	4"	25
RL-12038	3/8"	X	12-1/4"	10"	1
RL-12038-B	3/8"	X	12-1/4"	10"	20
RL-63264	1/2"	X	6-1/4"	4"	1
RL-63264-B	1/2"	X	6-1/4"	4"	25
RL-12012	1/2"	X	12-1/4"	10"	1
RL-12012-B	1/2"	X	12-1/4"	10"	10
RL-63664	9/16"	X	6-1/4"	4"	1
RL-84064	5/8"	X	8-1/4"	6"	1
RL-84064-B	5/8"	X	8-1/4"	6"	10
RL-12058	5/8"	X	12"	10"	1
RL-84864	3/4"	X	8"	6"	1
RL-84864-B	3/4"	X	8"	6"	10
RL-12034	3/4"	X	12"	10"	1
RL-12034-B	3/4"	X	12"	10"	5
RL-85664	7/8"	X	8"	6"	1
RL-85664-B	7/8"	X	8"	6"	5
RL-12078	7/8"	X	12"	10"	1
RL-12078-B	7/8"	X	12"	10"	5
RL-10001	1"	X	10"	8"	1
RL-10001-B	1"	X	10"	8"	5



For **General Purpose Hammer Drilling**
In soft / medium / hard aggregates.

- ◆ Rotary Hammer Drill
- ◆ ANSI Specification
- ◆ Made in GERMANY

- Mild Concrete
- Brick
- Stone
- Masonry
- Aggregates



GERMANY

ANSI



This German Made Hammer Drill is a return to the original flute design of the 1970's. It's easier to make with today's high-tech fabrication machines and costs less. A very good drill for light to medium aggregates. Competes perfectly with Asian imports.



BOHR HAMMER

SDS-PLUS Rotary Hammer Drills

- ◆ Rotary Hammer Drill
- ◆ Serrated Head Geometry
- ◆ Self Centering Chisel Point
- ◆ ANSI Specification
- ◆ Special Tungsten Carbide Tip
- ◆ Copper / Silver Brazing
- ◆ Fastest Dust Removal
- ◆ Fastest Drilling Speeds
- ◆ Clean Round Holes
- ◆ Less Vibration
- ◆ Polished Finish
- ◆ Industrial Quality

- Concrete
- Brick
- Stone
- Masonry
- Aggregates



SOLD INDIVIDUALLY.
1 PER CLIP.

715Sxxxxx-B
Bulk Pack/Tube



Part #	Size	X	OAL	Drilling	Head	Qty
715S41064	5/32"	X	4-1/4"	2"	4-PLUS	1
715S61064	5/32"	X	6-1/4"	4"	4-PLUS	1
715S61064-B	5/32"	X	6-1/4"	4"	4-PLUS	25
715S41264	3/16"	X	4-1/2"	2"	4-PLUS	1
715S41264-B	3/16"	X	4-1/2"	2"	4-PLUS	25
715S61264	3/16"	X	6-1/2"	4"	4-PLUS	1
715S61264-B	3/16"	X	6-1/2"	4"	4-PLUS	25
715S81264	3/16"	X	8-1/2"	6"	4-PLUS	1
715S81264-B	3/16"	X	8-1/2"	6"	4-PLUS	25
715S10316	3/16"	X	10-1/2"	8"	4-PLUS	1
715S12316	3/16"	X	12-1/2"	10"	4-PLUS	1
715S14316	3/16"	X	14"	12"	4-PLUS	1
715S16316	3/16"	X	16"	14"	4-PLUS	1
715S41464	7/32"	X	4-1/2"	2"	4-PLUS	1
715S61464	7/32"	X	6-1/2"	4"	4-PLUS	1
715S81464	7/32"	X	8-1/2"	6"	4-PLUS	1
715S11732	7/32"	X	10-1/2"	8"	4-PLUS	1
715S16732	7/32"	X	16"	14"	4-PLUS	1
715S20732	7/32"	X	20"	18"	4-PLUS	1
715S41664	1/4"	X	4-1/2"	2"	4-PLUS	1
715S41664-B	1/4"	X	4-1/2"	2"	4-PLUS	25
715S61664	1/4"	X	6-1/2"	4"	4-PLUS	1
715S61664-B	1/4"	X	6-1/2"	4"	4-PLUS	25
715S81664	1/4"	X	8-1/2"	6"	4-PLUS	1
715S81664-B	1/4"	X	8-1/2"	6"	4-PLUS	25
715S11014	1/4"	X	10-1/2"	8"	4-PLUS	1
715S14014	1/4"	X	14"	12"	4-PLUS	1
715S16014	1/4"	X	16"	14"	4-PLUS	1
715S20014	1/4"	X	20"	18"	4-PLUS	1
715S62064	5/16"	X	6-1/2"	4"	4-PLUS	1
715S62064-B	5/16"	X	6-1/2"	4"	4-PLUS	25
715S82064	5/16"	X	8-1/2"	6"	4-PLUS	1
715S12516	5/16"	X	12-1/2"	10"	4-PLUS	1
715S62464	3/8"	X	6-1/2"	4"	4-PLUS	1
715S62464-B	3/8"	X	6-1/2"	4"	4-PLUS	25
715S82464	3/8"	X	8-1/2"	6"	4-PLUS	1
715S10038	3/8"	X	10-1/2"	8"	4-PLUS	1
715S12038	3/8"	X	12-1/2"	10"	4-PLUS	1
715S12038-B	3/8"	X	12-1/2"	10"	4-PLUS	10
715S18038	3/8"	X	18"	16"	4-PLUS	1
715S24038	3/8"	X	24"	22"	4-PLUS	1
715S62864	7/16"	X	6-1/2"	4"	4-PLUS	1
715S10716	7/16"	X	10-1/2"	8"	4-PLUS	1
715S12716	7/16"	X	12-1/2"	10"	4-PLUS	1
715S18716	7/16"	X	18"	16"	4-PLUS	1
715S63264	1/2"	X	6-1/2"	4"	4-PLUS	1
715S63264-B	1/2"	X	6-1/2"	4"	4-PLUS	25
715S10012	1/2"	X	10-1/2"	8"	4-PLUS	1
715S12012	1/2"	X	12-1/2"	10"	4-PLUS	1
715S12012-B	1/2"	X	12-1/2"	10"	4-PLUS	10
715S12018	1/2"	X	18"	16"	4-PLUS	1
715S12024	1/2"	X	24"	22"	4-PLUS	1

BOHR HAMMER

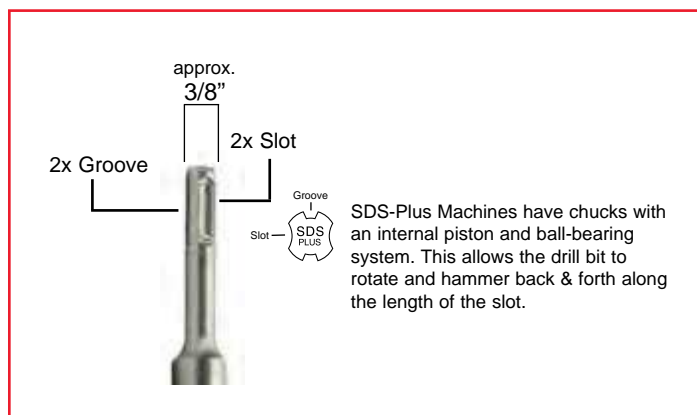
SDS-PLUS Rotary Hammer Drills

Part #	Size	X	OAL	Drilling	Head	Qty
715S63664	9/16"	X	6-1/4"	4"	4-PLUS	1
715S10916	9/16"	X	10-1/4"	8"	4-PLUS	1
715S12916	9/16"	X	12-1/4"	10"	4-PLUS	1
715S18916	9/16"	X	18"	16"	4-PLUS	1
715S64064	5/8"	X	6-1/4"	4"	4-PLUS	1
715S84064	5/8"	X	8-1/4"	6"	4-PLUS	1
715S84064-B	5/8"	X	8-1/4"	6"	4-PLUS	10
715S12058	5/8"	X	12-1/4"	10"	4-PLUS	1
715S18058	5/8"	X	18"	16"	4-PLUS	1
715S24058	5/8"	X	24"	22"	4-PLUS	1
715S14464	11/16"	X	12"	10"	4-PLUS	1
715S84864	3/4"	X	8"	6"	4-PLUS	1
715S84864-B	3/4"	X	8"	6"	4-PLUS	10
715S10034	3/4"	X	10"	8"	4-PLUS	1
715S12034	3/4"	X	12"	10"	4-PLUS	1
715S12034-B	3/4"	X	12"	10"	4-PLUS	5
715S18034	3/4"	X	18"	16"	4-PLUS	1
715S24034	3/4"	X	24"	22"	4-PLUS	1
715S85664	7/8"	X	8"	6"	4-PLUS	1
715S85664-B	7/8"	X	8"	6"	4-PLUS	5
715S10078	7/8"	X	10"	8"	4-PLUS	1
715S12078	7/8"	X	12"	10"	4-PLUS	1
715S12078-B	7/8"	X	12"	10"	4-PLUS	5
715S18078	7/8"	X	18"	16"	4-PLUS	1
715S86464	1"	X	8"	6"	4-PLUS	1
715S10001	1"	X	10"	8"	4-PLUS	1
715S10001-B	1"	X	10"	8"	4-PLUS	5
715S12001	1"	X	12"	10"	4-PLUS	1
715S18001	1"	X	18"	16"	4-PLUS	1



4-PLUS

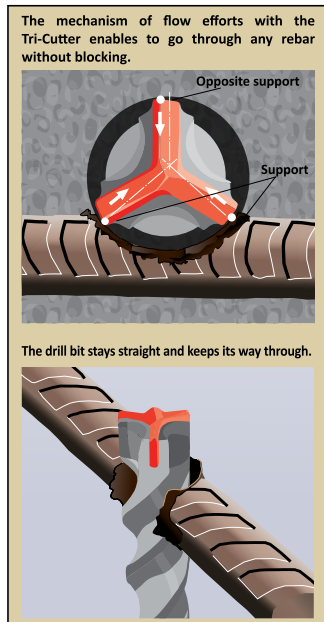
A new, fast and tough serrated carbide tip provides long life, easy centering, and fast drilling through all aggregates, concrete, masonry, brick and natural stone.





- ◆ Rotary Hammer Drill
- ◆ Self Centering Tip
- ◆ ANSI Specification
- ◆ Special Tungsten Carbide Tip
- ◆ Copper / Silver Brazing
- ◆ Special Flute Design Improves Penetration Without Blow Back Or Compacting
- ◆ Fast Dust Removal
- ◆ Fast Drilling Speeds
- ◆ Clean Round Holes
- ◆ Less Vibration
- ◆ Industrial Quality

- Reinforced Concrete
- Brick
- Stone
- Masonry
- Aggregates



TRICUTTER DRILLS REINFORCED CONCRETE!

SDS-PLUS Rotary Hammer Drills

Part #	Size	X	OAL	Drilling	Head
TRI-61264	3/16"	X	6"	4"	TRI-CUT
TRI-81264	3/16"	X	8"	6"	TRI-CUT
TRI-61664	1/4"	X	6"	4"	TRI-CUT
TRI-81664	1/4"	X	8"	6"	TRI-CUT
TRI-62064	5/16"	X	6"	4"	TRI-CUT
TRI-62464	3/8"	X	6"	4"	TRI-CUT
TRI-82464	3/8"	X	8"	6"	TRI-CUT
TRI-63264	1/2"	X	6"	4"	TRI-CUT
TRI-12012	1/2"	X	12"	10"	TRI-CUT
TRI-84064	5/8"	X	8"	6"	TRI-CUT
TRI-84864	3/4"	X	8"	6"	TRI-CUT

3 CUTTING EDGES

MONOBLOC CARBIDE TIP

Self-centering tip

3 contact POINTS

135° angle, for a better chiseling effect

PERFECT HOLES

The 120° angle guarantees perfect concentric holes (3X120°=360). The Tri-Cutter enables straight drilling.

3 simultaneous contact points, enable same performance level in time.

DRILLS WITHOUT CRACKING THE CONCRETE

The Tri-Cutter Plus carbide tip achieves clean and perfect holes with its 135° angle without cracking the concrete when it drills close to an edge.

OPTIMUM FIXING



Tri-Cutter

- ◆ 135° Carbide Tip Angle
- ◆ Self Centering Tip
- ◆ Drills Without Cracking
- ◆ Square Flute Accelerates Dust Extraction
- ◆ ANSI Specification

SOLD INDIVIDUALLY.
1 PER CLIP.

eVolution™

DRILLS REINFORCED CONCRETE!

SDS-PLUS Rotary Hammer Drills

Part #	Size	X	OAL	Drilling	Head
EVL41064	5/32"	X	4-1/2"	2"	4X4
EVL61064	5/32"	X	6-1/2"	4"	4X4
EVL41264	3/16"	X	4-1/2"	2"	4X4
EVL61264	3/16"	X	6-1/2"	4"	4X4
EVL81264	3/16"	X	8-1/2"	6"	4X4
EVL10316	3/16"	X	10-1/2"	8"	4X4
EVL12316	3/16"	X	12-1/2"	10"	4X4
EVL41664	1/4"	X	4-1/2"	2"	4X4
EVL61664	1/4"	X	6-1/2"	4"	4X4
EVL81664	1/4"	X	8-1/2"	6"	4X4
EVL10014	1/4"	X	10-1/2"	8"	4X4
EVL12014	1/4"	X	12-1/2"	10"	4X4
EVL62064	5/16"	X	6-1/2"	4"	4X4
EVL12516	5/16"	X	12-1/2"	10"	4X4
EVL18516	5/16"	X	18"	16"	4X4
EVL62464	3/8"	X	6-1/4"	4"	4X4
EVL12038	3/8"	X	12-1/4"	10"	4X4
EVL18038	3/8"	X	18"	16"	4X4
EVL62864	7/16"	X	6-1/4"	4"	4X4
EVL12716	7/16"	X	12-1/4"	10"	4X4
EVL18716	7/16"	X	18"	16"	4X4
EVL63264	1/2"	X	6-1/4"	4"	4X4
EVL12012	1/2"	X	12-1/4"	10"	4X4
EVL18012	1/2"	X	18"	16"	4X4
EVL63664	9/16"	X	6-1/4"	4"	4X4
EVL12916	9/16"	X	12-1/4"	10"	4X4
EVL18916	9/16"	X	18"	16"	4X4



- ◆ Rotary Hammer Drill
- ◆ Serrated Head Geometry
- ◆ 4 Symmetrical Functioning Spiral Ridges
- ◆ ANSI Specification
- ◆ Drills Reinforced Concrete
- ◆ 50% More Holes
- ◆ Optimized Core Ensures Impact Durability and Rotational Stability
- ◆ High Break Resistance
- ◆ Less Vibration

- ➔ Reinforced Concrete
- ➔ Brick
- ➔ Stone
- ➔ Masonry
- ➔ Aggregates



SOLD INDIVIDUALLY.
1 PER CLIP.



4X4-Cutter

- ◆ 4 x 90° Serrated Tip Geometry
- ◆ One-piece, Solid Carbide Tip
- ◆ Centering Tip for Pinpoint Accuracy
- ◆ Rebar Chamfers
- ◆ Maximum Carbide / Steel Interface
- ◆ Low Vibration for Increased Rotational Stability
- ◆ ANSI Specification



- ◆ Rotary Hammer Drill
- ◆ Self Centering Chisel Point
- ◆ ANSI Specification
- ◆ Special Tungsten Carbide Tip
- ◆ Copper / Silver Brazing
- ◆ Fast Dust Removal
- ◆ Fast Drilling Speeds
- ◆ Clean Round Holes
- ◆ Less Vibration
- ◆ Polished Finish
- ◆ Industrial Quality

- Reinforced Concrete
- Brick
- Stone
- Masonry
- Aggregates



SOLD INDIVIDUALLY.
1 PER TUBE.



X-CUTTER DRILLS REINFORCED CONCRETE!

SDS-PLUS Rotary Hammer Drills

Part #	Size	X	OAL	Drilling	Head
750TE010	5/8"	X	8-1/4"	6"	X-CUTTER
750TE020	5/8"	X	10-1/4"	8"	X-CUTTER
750TE030	5/8"	X	12-1/4"	10"	X-CUTTER
750TE040	5/8"	X	18"	16"	X-CUTTER
750TE090	3/4"	X	8"	6"	X-CUTTER
750TE100	3/4"	X	10"	8"	X-CUTTER
750TE110	3/4"	X	12"	10"	X-CUTTER
750TE120	3/4"	X	18"	16"	X-CUTTER
750TE140	7/8"	X	8"	6"	X-CUTTER
750TE150	7/8"	X	10"	8"	X-CUTTER
750TE160	7/8"	X	12"	10"	X-CUTTER
750TE170	7/8"	X	18"	16"	X-CUTTER
750TE190	1"	X	10"	8"	X-CUTTER
750TE200	1"	X	12"	10"	X-CUTTER
750TE210	1"	X	18"	16"	X-CUTTER
750TE220	1-1/8"	X	10"	8"	X-CUTTER
750TE230	1-1/8"	X	18"	16"	X-CUTTER
750TE240	1-1/4"	X	18"	16"	X-CUTTER



X-Cutter

- ◆ 4 x 90° Head Symmetry
- ◆ Centering Tip for Pinpoint Accuracy
- ◆ Reinforcing Chamfers
- ◆ Maximum Carbide / Steel Interface
- ◆ Low Vibration for Increased Rotational Stability
- ◆ ANSI Specification



For Drop-in Anchors



SDS-PLUS + STOP Rotary Hammer Bit

Part #	Size	Drill Depth	Anchor Size	Qty.
STP-617	3/8"	1-1/16"	1/4"	1
STP-813	1/2"	13/16"	3/8" Short	1
STP-827	1/2"	1-11/16"	3/8"	1
STP-1019	5/8"	1-3/16"	1/2" Short	1
STP-1033	5/8"	2-1/16"	1/2"	1

- ◆ Rotary Hammer Drill
- ◆ STOP - Lip Prevents Over-Drilling
- ◆ Drill Exact Depth For Drop-In Anchor
- ◆ Less Likely to Hit Rebar
- ◆ ANSI Specification



Half Flat Shank



Concrete Bits - FOR CONCRETE SCREWS

Part #	Size	x	OAL	Screw	Qty.
602TC0503	5/32"	X	3-1/2"	12	50
602TC0500	5/32"	X	4-1/2"	12	50
602TC0505	5/32"	X	5-1/2"	12	50
602TC0603	3/16"	X	3-1/2"	14	50
602TC0604	3/16"	X	4-1/2"	14	50
602TC0605	3/16"	X	5-1/2"	14	50
602TC0606	3/16"	X	6-3/4"	14	50
602TC0607	3/16"	X	7-5/8"	14	50

- ◆ Industrial Quality
- ◆ Tungsten Carbide Tip
- ◆ ANSI Specification



Each concrete screw carbide drill bit is precisely ground to match a certain tolerance to assure proper hole diameter and to achieve maximum thread holding power. The flat on the shank fits all drill adapters. The drill bit is specially heat treated to make it very durable.



SDS-HEX Bits - FOR CONCRETE SCREWS

Part #	Size	x	OAL	Drilling	Qty.
HEX5325	5/32"	X	5"	2-1/2"	1
HEX5327	5/32"	X	7"	4-1/2"	1
HEX3165	3/16"	X	5"	2-1/2"	1
HEX3167	3/16"	X	7"	4-1/2"	1
HEX2345	.234	X	5"	2-1/2"	1
HEX2347	.234	X	7"	4-1/2"	1

- ◆ Industrial Quality
- ◆ Special Tungsten Carbide Tip
- ◆ ANSI Specification
- ◆ Copper / Silver Brazing
- ◆ Polished Finish



SDS-HEX Rotary Hammer drill bits are specifically designed to be used in concrete screw installation. These SDS bits have a special 5/16" HEX shoulder for use with standard concrete screw installation sleeves, which eliminate the need for drill adapters. The benefits of using an SDS machine rather than a standard rotation drill means a decrease in operation time of nearly 50%.

SEE BELOW FOR INSTALLATION KIT



Concrete Screw Installation Sleeve

Part #	Description	Qty.
TPCDSL	6-1/2" Concrete Screw Sleeve	1



Installation Kit

Part #	Description
602TC1000	Installation Kit

INCLUDES:

- 5/32" x 7" SDS-PLUS Hex Bit
- 3/16" x 7" SDS-PLUS Hex Bit
- 1/4" Magnetic Driver
- 5/16" Magnetic Driver
- Phillips Bit Adapter
- Masonry Drill Adapter 6-1/2" Sleeve
- 1/8" Hex Key
- Phillips #2 x 1" Insert
- Phillips #3 x 1" Insert



- ◆ Red Case
- ◆ Black Hardware

This Installation Kit is Suitable for both Standard Concrete Bits & SDS-HEX Rotary Hammer Bits.



X-Tend Your Drilling Depths!



X-Tendr™ - MAX to MAX SHANK ADAPTER

Part #	Description
XT6700	Adapter (1-3/16" x 7-1/2")
XT6750	Adapter Grease (Tube)

Drill Bit Diameter Must Be 1-1/4" Or Larger.



Shown: Spline Shaft

X-Tendr™ Extension Shafts

Part #	OAL	Shank
XT6701	12-1/2"	SDS-MAX
XT6702	30"	SDS-MAX
XT6703	44"	SDS-MAX
XT6708	12-1/2"	SPLINE
XT6709	30"	SPLINE

Drill bit extension system for all SDS-Max & Spline machines.

- ◆ Extend Any SDS-MAX Tool
- ◆ Quick & Safe Connection
- ◆ Simple To Use
- ◆ No Energy Loss
- ◆ No Weak Points
- ◆ Saves Time & Money
- ◆ Reduces Tool Requirements

How it works:

- X-Tendr™ Adapter has double locking SDS-MAX inputs.
- All EXTENSION SHAFTS have 1 SDS-MAX end which locks into X-Tendr Adapter. Other end can be inserted into either an SDS-MAX or Spline machine.
- Extend ANY SDS-MAX drill bit, core bit, concrete cutter, drill head, or chisel.
- Reach of X-Tendr™ system limited to 1 adapter and 1 extension.



1. Choose either SDS-MAX or SPLINE Drive and desired length Extension.



2. Attach X-Tendr™ Adaptor to SDS-MAX end of Extension.



3. Attach desired SDS-MAX Rotary Hammer Drill Bit, Core Bit, Tunnel Bore Drill or Chisel.

Drill Bit Diameter Must Be 1-1/4" Or Larger.

Use Your SDS-Plus Drill Bits In Larger SDS-MAX® Or Spline Drive Machines:



SDS-MAX® to SDS-PLUS

Part #	Description
725MAX001	SDS-MAX To SDS-Plus Adapter



Spline to SDS-PLUS

Part #	Description
725SP001	Spline To SDS-Plus Adapter



Replacement Kit - FOR ADAPTERS

Part #	Description
715KIT001	Gaskets & Ball Bearings



What to do when you encounter rebar:

STOP DRILLING!!! The sound of a rotary hammer or a carbide hammer drill bit hitting steel is much higher than when cutting concrete.

Remove the drill bit from the hole. Mount a rebar cutter of the same diameter as the hole in an SDS-Plus Hammer Drill with the selector in the "rotary only" position.

- 4 Insert the rebar cutter into the hole and begin drilling at the suggested RPM speed only. Apply just enough pressure to grind away at the rebar. **Do Not Use Excessive Speed or Pressure on the Machine** - this will either damage or break the rebar cutter.
- 5 Once rebar is cut through, remove the rebar cutter from the hole and continue drilling with a rotary hammer or carbide hammer drill bit.

- Carbide cutters are brazed in place to keep Rebar Cutter from enlarging existing hole.

HEAD SIZES

7/8" → 1-1/4"
1-3/8" → 2-1/2"

THREAD

1 pc.
3/4"-10



REMINDER:

Rebar Cutters are problem solvers only. A 1/2" Rebar Cutter drilling through #6 (3/4") rebar dead center may result in 5 to 10 holes being drilled provided correct speed and pressure are utilized. It is not uncommon for only one piece of rebar to be cut per Rebar Cutter. Rebar Cutters *should not* be used for drilling concrete.

Rebar Cutters are not warrantied for replacement or repair.



Rebar Cutter - SDS-PLUS SHANK

Part #	Size	OAL	RPM
RBS-6	3/8"	8"	850-1200
RBS-8	1/2"	12"	850-1200
RBS-9	9/16"	12"	850-1200
RBS-10	5/8"	12"	750-1000
RBS-11	11/16"	12"	750-1000
RBS-12	3/4"	12"	600-850
RBS-13	13/16"	12"	600-850
RBS-14	7/8"	12"	600-850
RBS-16	1"	12"	500-750
RBS-18	1-1/8"	12"	500-750
RBS-20	1-1/4"	12"	450-600
RBS-22	1-3/8"	12"	450-600
RBS-24	1-1/2"	12"	350-500
RBS-28	1-3/4"	12"	350-500
RBS-32	2"	12"	350-500
RBS-40	2-1/2"	12"	350-500



Rotation Only!

Made In



SOLD INDIVIDUALLY.
1 PER TUBE.



Rebar Cutter - STRAIGHT SHANK

Part #	Size	OAL	RPM
RBC0838	3/8"	8"	850-1200
RBC1212	1/2"	12"	850-1200
RBC1916	9/16"	12"	850-1200
RBC1258	5/8"	12"	750-1000
RBC1858	5/8"	18"	750-1000
RBC1116	11/16"	12"	750-1000
RBC1234	3/4"	12"	600-850
RBC1834	3/4"	18"	600-850
RBC1316	13/16"	12"	600-850
RBC1278	7/8"	12"	600-850
RBC1878	7/8"	18"	600-850
RBC1201	1"	12"	500-750
RBC1218	1-1/8"	12"	500-750
RBC1214	1-1/4"	12"	450-600
RBC1238	1-3/8"	12"	450-600
RBC1112	1-1/2"	12"	350-500
RBC1134	1-3/4"	12"	350-500
RBC1202	2"	12"	350-500
RBC1222	2-1/2"	12"	350-500



Made In



SOLD INDIVIDUALLY.
1 PER TUBE.



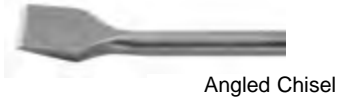
Bull Point



Flat Chisel



Scaling Chisel



Angled Chisel



Slotting Chisel



Bushing Tool



Ground Rod Driver



Asphalt Cutter



Seam Tool



Clay Spade



Floor Scraper



Gouge Chisel



NOTE: Spline Drive chisels have rounded hex shanks to work effectively in Spline Drive machines made with and without rotation / hammer only switches.



Spline Drive Chisels

Part #	Size	Description
5000BP	12"	Bull Point
5005BP	18"	Bull Point
5010FC	1" x 12"	Flat Chisel
5015FC	1" x 18"	Flat Chisel
5020SC	1-1/2" x 12"	Scaling Chisel
5025SC	2" x 12"	Scaling Chisel
5030SC	3" x 12"	Scaling Chisel
5035AC	2" x 12"	Angled Chisel
5040SL	1-1/8" x 12"	Slotting Chisel
5045BT	1-7/8" x 9-7/8"	Bushing Tool
5050GR	7/8" x 10-1/2"	Ground Rod Driver
5055PH	3-1/2" x 16"	Asphalt Cutter
5060SM	1-1/8" x 12"	Seam Tool
5065CS	5-3/8" x 16"	Clay Spade
5070FS	6" x 25"	Floor Scraper

SDS-MAX® Chisels

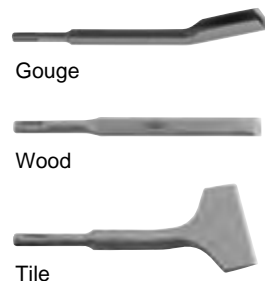
Part #	Size	Description
7000BP	12"	Bull Point
7005BP	18"	Bull Point
7010FC	1" x 12"	Flat Chisel
7015FC	1" x 18"	Flat Chisel
7020SC	1-1/2" x 12"	Scaling Chisel
7025SC	2" x 12"	Scaling Chisel
7028FC	2" x 16"	Scaling Chisel
7030SC	3" x 12"	Scaling Chisel
7035AC	2" x 12"	Angled Chisel
7040SL	1-1/8" x 12"	Slotting Chisel
7045BT	1-7/8" x 9-7/8"	Bushing Tool
7050GR	7/8" x 10-1/4"	Ground Rod Driver
7055PH	3-1/2" x 16"	Asphalt Cutter
7060SM	1-1/8" x 12"	Seam Tool
7065CS	5-3/8" x 16"	Clay Spade
7070FS	6" x 25"	Floor Scraper
7075GC	1" x 12"	Gouge Chisel

FS-6B	Replacement Blade (Floor Scraper)
FS-6NUT	Replacement Nuts & Bolts (Floor Scraper)



SDS-PLUS Chisels

Part #	Size	Description
3100BP	10"	Bull Point
3110FC	3/4" x 10"	Flat Chisel
3115SC	1-1/2" x 10"	Scaling Chisel
3120GC	7/8" x 10"	Gouge Chisel
3125WC	3/8" x 7"	Wood Chisel
3130WC	1/2" x 7"	Wood Chisel
3140WC	3/4" x 7"	Wood Chisel
3150WC	1" x 7"	Wood Chisel
3175TC	3" x 6-1/2"	Tile Chisel



3/4" HEX Chisels

Part #	Size	Description
6010HEX	12"	3/4" Hex Bull Point
6015HEX	18"	3/4" Hex Bull Point
6020HEX	1" x 12"	3/4" Hex Flat Chisel
6025HEX	1" x 18"	3/4" Hex Flat Chisel
6030HEX	2" x 12"	3/4" Hex Scaling Chisel
6035HEX	3" x 12"	3/4" Hex Scaling Chisel
6040HEX	3-1/2" x 16"	3/4" Hex Asphalt Cutter
6045HEX	7/8" x 10-1/4"	3/4" Hex Ground Rod Dr.
6050HEX	1-7/8" x 9-7/8"	3/4" Hex Bushing Tool
6055HEX	5-3/8" x 16"	3/4" Hex Clay Spade
6060HEX	6" x 25"	3/4" Hex Floor Scraper



- Black & Decker®** 5021K
- Dewalt®** 5021K, DW558
- Bosch®** 11301 - 11302 - 11305
- Hitachi®** H55SC
- Milwaukee®** 5335
- Makita®** HM1211B



1-1/8" HEX Chisels

Part #	Size	Description
8020HBP	20"	1-1/8" Hex Bull Point
8030HFC	1-1/4" x 20"	1-1/8" Hex Flat Chisel
8040HSC	3" x 20"	1-1/8" Hex Scaling Chisel
8050HPH	5" x 17"	1-1/8" Hex Asphalt Cutter
8060HGR	1" x 15"	1-1/8" Hex Ground Rod Dr.
8070HCS	5-3/8" x 20"	1-1/8" Hex Clay Spade



- Black & Decker®** 5027
- Hitachi®** H65 - H85 - H905SB
- Bosch®** BRUTE 11304
- Makita®** HM1303B, HM1500B, HM1800
- Milwaukee®** 5338
- Kango®** 2500
- Wacker®** EH27



1-1/8" HEX Shank Chisels come with Internal locks for Demolition Hammers and External Collars for Pneumatic Hammers.

Tamping Plate & Shanks

Part #	Size	Description
510SPL	12"	Spline Tamping Shank
520MAX	12"	SDS-Max Tamping Shank
530HEX	15"	3/4" Hex Tamper Shank
550STP	5" Sq.	Tamping Plate





FOR DRILLING
LARGER DIAMETER
HOLES IN
CONCRETE



- ◆ Industrial Quality
- ◆ Premium Quality Diamond Teeth
- ◆ 14" Cutting Depth

- Concrete
- Brick
- Stone
- Masonry
- Aggregates

Diamond Core Bits - 14" Cutting Depth

Part #	Size	X	OAL	# Teeth	Thread
DC-01	1"	X	15-3/4"	3	5/8" x 11
DC-02	1-1/4"	X	15-3/4"	4	5/8" x 11
DC-03	1-3/4"	X	15-3/4"	4	5/8" x 11
DC-04	2"	X	15-3/4"	4	1-1/4" x 7
DC-05	2-1/2"	X	15-3/4"	6	1-1/4" x 7
DC-06	2-3/4"	X	15-3/4"	6	1-1/4" x 7
DC-07	3"	X	15-3/4"	6	1-1/4" x 7
DC-08	4"	X	15-3/4"	8	1-1/4" x 7
DC-09	4-3/8"	X	15-3/4"	9	1-1/4" x 7
DC-10	4-3/4"	X	15-3/4"	10	1-1/4" x 7
DC-11	5"	X	15-3/4"	10	1-1/4" x 7
DC-12	6"	X	15-3/4"	12	1-1/4" x 7



SOLD INDIVIDUALLY.
1 PER BOX.

10mm Tall Segments






Diamond Cutting Wheels

- ◆ Industrial Quality
- ◆ For Dry & Wet Use
- ◆ Individually Blister Carded

- Brick
- Stone
- Masonry
- Aggregates



Diamond Cutting Wheels are great for general contractor work. Each wheel comes with interchangeable adapters for use in virtually all hand-held saws and angle grinders.

4" TUCK POINT DIAMOND CUTTING WHEEL		
Part # TPS40	<ul style="list-style-type: none"> • WET & DRY TYPE • DIAMETER: 4" ± 0.70MM • TEETH THICKNESS: 0.25" (-0.00/+0.20MM) • 28 CRMO Body / LASER WELDED BLADE • 20MM ROUND ARBOR W/ 5/8" BUSHING ADAPTER (SOLID BRASS) • 20-25% CONCENTRATION OF DIAMOND GRAIN • 13,700 RPM MAXIMUM 	
4-1/2" TUCK POINT DIAMOND CUTTING WHEEL		
Part # TPS45	<ul style="list-style-type: none"> • WET & DRY TYPE • DIAMETER: 4-1/2" ± 0.70MM • TEETH THICKNESS: 0.25" (-0.00/+0.20MM) • 28 CRMO Body / LASER WELDED BLADE • 20MM ROUND ARBOR W/ 5/8" BUSHING ADAPTER (SOLID BRASS) • 20-25% CONCENTRATION OF DIAMOND GRAIN • 13,700 RPM MAXIMUM 	
4" CONTINUOUS RIM DIAMOND CUTTING WHEEL		
Part # DCR40	<ul style="list-style-type: none"> • WET & DRY TYPE • DIAMETER: 4" ± 0.70MM • TEETH THICKNESS: 0.08" (-0.00/+0.20MM) • 65MN BODY • 7/8" ROUND ARBOR W/ 20MM & 5/8" BUSHING ADAPTER (SOLID BRASS) • 20-25% CONCENTRATION OF DIAMOND GRAIN • 13,700 RPM MAXIMUM 	



4-1/2" CONTINUOUS RIM DIAMOND CUTTING WHEEL

Part # **DCR45**

- WET & DRY TYPE
- DIAMETER: 4-1/2" ± 0.70MM
- TEETH THICKNESS: 0.08" (-0.00/+0.20MM)
- 65MN BODY
- 7/8" ROUND ARBOR W/ 20MM & 5/8" BUSHING ADAPTER (SOLID BRASS)
- 20-25% CONCENTRATION OF DIAMOND GRAIN
- 13,300 RPM MAXIMUM



7" CONTINUOUS RIM DIAMOND CUTTING WHEEL

Part # **DCR70**

- WET & DRY TYPE
- DIAMETER: 7" ± 0.70MM
- TEETH THICKNESS: 0.08" (-0.00/+0.20MM)
- 65MN BODY
- 7/8" ROUND ARBOR W/ 20MM & 5/8" BUSHING ADAPTER (SOLID BRASS)
- 20-25% CONCENTRATION OF DIAMOND GRAIN
- 8,400 RPM MAXIMUM



8" CONTINUOUS RIM DIAMOND CUTTING WHEEL

Part # **DCR80**

- WET & DRY TYPE
- DIAMETER: 8" ± 0.70MM
- TEETH THICKNESS: 0.1" (-0.00/+0.20MM)
- 65MN BODY
- 7/8" ROUND ARBOR W/ 20MM & 5/8" RHOMBIC BUSHING ADAPTER (SOLID BRASS)
- 20-25% CONCENTRATION OF DIAMOND GRAIN
- 7,400 RPM MAXIMUM



4" TURBO DIAMOND CUTTING WHEEL

Part # **DTU40**

- WET & DRY TYPE
- DIAMETER: 4" ± 0.70MM
- TEETH THICKNESS: 0.08" (-0.00/+0.20MM)
- 65MN BODY
- 7/8" ROUND ARBOR W/ 20MM & 5/8" BUSHING ADAPTER (SOLID BRASS)
- 20-25% CONCENTRATION OF DIAMOND GRAIN
- 13,700 RPM MAXIMUM



4-1/2" TURBO DIAMOND CUTTING WHEEL

Part # **DTU45**

- WET & DRY TYPE
- DIAMETER: 4-1/2" ± 0.70MM
- TEETH THICKNESS: 0.08" (-0.00/+0.20MM)
- 65MN BODY
- 7/8" ROUND ARBOR W/ 20MM & 5/8" BUSHING ADAPTER (SOLID BRASS)
- 20-25% CONCENTRATION OF DIAMOND GRAIN
- 13,300 RPM MAXIMUM

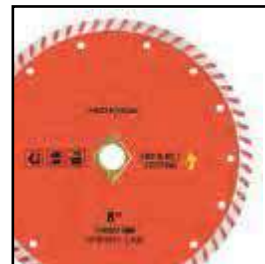


7" TURBO DIAMOND CUTTING WHEEL

Part # **DTU70**

- WET & DRY TYPE
- DIAMETER: 7" ± 0.70MM
- TEETH THICKNESS: 0.08" (-0.00/+0.20MM)
- 65MN BODY
- 7/8" ROUND ARBOR W/ 20MM & 5/8" BUSHING ADAPTER (SOLID BRASS)
- 20-25% CONCENTRATION OF DIAMOND GRAIN
- 8,400 RPM MAXIMUM

8" TURBO DIAMOND CUTTING WHEEL	
Part # DTU80	<ul style="list-style-type: none"> • WET & DRY TYPE • DIAMETER: 8" ± 0.70MM • TEETH THICKNESS: 0.1" (-0.00/+0.20MM) • 65MN BODY • 7/8" ROUND ARBOR W/ 20MM & 5/8" RHOMBIC BUSHING ADAPTER (SOLID BRASS) • 20-25% CONCENTRATION OF DIAMOND GRAIN • 7,400 RPM MAXIMUM



4" SEGMENTED DIAMOND CUTTING WHEEL	
Part # DCS40	<ul style="list-style-type: none"> • WET & DRY TYPE • DIAMETER: 4" ± 0.70MM • TEETH THICKNESS: 0.08" (-0.00/+0.20MM) • 65MN BODY • 7/8" ROUND ARBOR W/ 20MM & 5/8" BUSHING ADAPTER (SOLID BRASS) • 20-25% CONCENTRATION OF DIAMOND GRAIN • 13,700 RPM MAXIMUM




4-1/2" SEGMENTED DIAMOND CUTTING WHEEL	
Part # DCS45	<ul style="list-style-type: none"> • WET & DRY TYPE • DIAMETER: 4-1/2" ± 0.70MM • TEETH THICKNESS: 0.08" (-0.00/+0.20MM) • 65MN BODY • 7/8" ROUND ARBOR W/ 20MM & 5/8" BUSHING ADAPTER (SOLID BRASS) • 20-25% CONCENTRATION OF DIAMOND GRAIN • 13,300 RPM MAXIMUM




7" SEGMENTED DIAMOND CUTTING WHEEL	
Part # DCS70	<ul style="list-style-type: none"> • WET & DRY TYPE • DIAMETER: 7" ± 0.70MM • TEETH THICKNESS: 0.08" (-0.00/+0.20MM) • 65MN BODY • 7/8" ROUND ARBOR W/ 20MM & 5/8" BUSHING ADAPTER (SOLID BRASS) • 20-25% CONCENTRATION OF DIAMOND GRAIN • 8,400 RPM MAXIMUM



12" SEGMENTED DIAMOND CUTTING WHEEL	
Part # DCS120	<ul style="list-style-type: none"> • WET & DRY TYPE • DIAMETER: 12" • TEETH THICKNESS: 0.1" (-0.05/+0.20MM) • TEETH (HIGH): 0.256" (-0.20/+0.70mm) • 65MN BODY • 1" ROUND ARBOR W/ 20MM & 7/8" BUSHING ADAPTER (SOLID BRASS) • 20-25% CONCENTRATION OF DIAMOND GRAIN • 5,000 RPM MAXIMUM
 Part # 2DD191S 14MM Brass Ring for 1" Arbor Diamond Wheels List \$3.05	



14" SEGMENTED DIAMOND CUTTING WHEEL	
Part # DCS140	<ul style="list-style-type: none"> • WET & DRY TYPE • DIAMETER: 14" • TEETH THICKNESS: 0.12" (-0.05/+0.20MM) • TEETH (HIGH): 0.315" (-0.20/+0.70mm) • 65MN BODY • 1" ROUND ARBOR W/ 20MM & 7/8" BUSHING ADAPTER (SOLID BRASS) • 20-25% CONCENTRATION OF DIAMOND GRAIN • 4,300 RPM MAXIMUM
 Part # 2DD191S 14MM Brass Ring for 1" Arbor Diamond Wheels	





Phillips

PHILLIPS POINT #	SHEET METAL SCREWS	WOOD SCREWS		MACHINE SCREWS		
	FLAT, ROUND, OVAL STOVE BINDING	FLAT, OVAL	ROUND	FLAT, OVAL BINDING	ROUND, FILLISTER	TRUSS, BRAZIER BUTTON
0	0, 1	0, 1	0, 1	0, 1	0, 1	0, 1
1	2, 3, 4	2, 3, 4	2, 3, 4	2, 3, 4	2, 3, 4	2, 3, 4, 5
2	5, 6, 7, 8, 10	5, 6, 7, 8, 9	5, 6, 7, 8, 9, 10	5, 6, 8, 10	5, 6, 8, 10	6, 8, 10
3	12, 14	10, 12, 14, 16	12, 14, 16	12, 1/4"	12, 1/4", 5/16"	12, 1/4"

Slotted

SLOTTED POINT #	SCREW SIZE	SLOT SCREW WIDTH		THREAD DIA.	MAXIMUM HEAD DIAMETER					
		MIN.	MAX.		FLAT or OVAL HEAD	ROUND HEAD	FILLISTER HEAD	BINDING HEAD	PAN HEAD	TRUSS HEAD
4-5	3	.027	.035	.099	.199	.187	.161	.208	.193	.226
4-5	4	.031	.039	.112	.225	.211	.183	.235	.219	.257
6-8	5	.035	.043	.125	.252	.236	.205	.263	.245	.289
8-10	6	.039	.048	.138	.279	.260	.226	.290	.270	.321
10-12	8	.045	.054	.164	.332	.309	.270	.344	.322	.384

Square

SQUARE POINT #	TAPPING SCREWS	WOOD SCREWS	MACHINE SCREWS
0	3, 4	3, 4	3, 4
1	5, 6, 7	5, 6, 7	5, 6
2	8, 10	8, 9, 10	8, 10
3	12, 14	12, 14	12, 14

Star **FOR TORX® SCREWS.**

SCREW SIZE	THREAD DIA.	INTERNAL TORX WASHER HEAD	PAN HEAD	FLAT HEAD	HEX HEAD	TRUSS HEAD	FILLISTER HEAD	OVAL HEAD	SOCKET HEAD CAP	SOCKET SET SCREW
2	.086	T7	T7	T6						
3	.099	T8	T8	T7						
4	.112	T9	T9	T8	T9		T9		T10	T6
5	.125	T10	T10	T9	T10		T10	T10	T10	T7
6	.138	T15	T15	T10	T15	T10	T15	T15	T15	T7
8	.164	T20	T20	T15	T20	T15	T20	T20	T25	T8
10	.190	T25	T25	T20	T25	T20	T25	T25	T27	T10
12	.216	T27	T27	T25	T27	T25	T27	T27	T27	T10
1/4"	.250	T30	T30	T27	T30	T27	T30	T30	T30	T20
5/16"	.312			T40	T40	T40	T340	T40	T45	T27
3/8"	.375		T45	T40	T45	T45	T45	T45	T50	T30
7/16"	.437		T50	T50		T45	T50	T50	T55	T40
1/2"	.500		T55	T50		T50	T55	T50	T55	T45



Insert Bit Countertop Dispenser

Part #	Type	Qty.
BITDIS	EMPTY DISPLAY	1

- ◆ Sold Empty
- ◆ Make Your Own Assortment
- ◆ Display Made In Canada



KEEP YOUR INSERT BITS AND NUT SETTERS SAFE AND ORGANIZED.





Phillips® Insert Bits - 1/4" Hex Shank

Part #	Size	OAL	Type	Qty.
T3-025-00	#0 X 1"		PHILLIPS INSERT	25
T3-025-01	#1 X 1"		PHILLIPS INSERT	25
T3-025-02	#2 X 1"		PHILLIPS INSERT	25
T3-025-03	#3 X 1"		PHILLIPS INSERT	25
T3-025-04	#4 X 1"		PHILLIPS INSERT	25



Reduced Body

Phillips® Drywall Bits - 1/4" Hex Shank

Part #	Size	OAL	Type	Qty.
T3-025-1W	#1 X 1"		PHILLIPS DRYWALL	25
T3-025-2W	#2 X 1"		PHILLIPS DRYWALL	25



Phillips® Insert Bits - 5/16" Hex Shank

Part #	Size	OAL	Type	Qty.
T3-032-01	#1 X 1-1/4"		PHILLIPS INSERT	25
T3-032-02	#2 X 1-1/4"		PHILLIPS INSERT	25
T3-032-03	#3 X 1-1/4"		PHILLIPS INSERT	25



Phillips® Stopper - 1/4" Hex Shank

Part #	Size	OAL	Type	Qty.
SP-025-2P	#2 X 1"		PHILLIPS STOPPER	25



Phillips® ACR® Insert Bits - 1/4" Hex

Part #	Size	OAL	Type	Qty.
ACR-025-01	#1 X 1"		PHILLIPS ACR INSERT	25
ACR-025-02	#2 X 1"		PHILLIPS ACR INSERT	25
ACR-025-03	#3 X 1"		PHILLIPS ACR INSERT	25



Phillips® Power Bits - 1/4" Hex Shank

Part #	Size	OAL	Type	Qty.
T3-050-01	#1 X 2"		PHILLIPS POWER	25
T3-070-01	#1 X 2-3/4"		PHILLIPS POWER	25
T3-075-01	#1 X 3"		PHILLIPS POWER	25
T3-090-01	#1 X 3-1/2"		PHILLIPS POWER	25
T3-100-01	#1 X 4"		PHILLIPS POWER	25
T3-125-01	#1 X 5"		PHILLIPS POWER	25
T3-150-01	#1 X 6"		PHILLIPS POWER	25
T3-050-02	#2 X 2"		PHILLIPS POWER	25
T3-070-02	#2 X 2-3/4"		PHILLIPS POWER	25
T3-075-02	#2 X 3"		PHILLIPS POWER	25
T3-090-02	#2 X 3-1/2"		PHILLIPS POWER	25
T3-100-02	#2 X 4"		PHILLIPS POWER	25
T3-125-02	#2 X 5"		PHILLIPS POWER	25
T3-150-02	#2 X 6"		PHILLIPS POWER	25
T3-050-03	#3 X 2"		PHILLIPS POWER	25
T3-070-03	#3 X 2-3/4"		PHILLIPS POWER	25
T3-075-03	#3 X 3"		PHILLIPS POWER	25
T3-090-03	#3 X 3-1/2"		PHILLIPS POWER	25
T3-100-03	#3 X 4"		PHILLIPS POWER	25
T3-125-03	#3 X 5"		PHILLIPS POWER	25
T3-150-03	#3 X 6"		PHILLIPS POWER	25



Reduced Body

Phillips® Drywall Bits

Part #	Size	OAL	Type	Qty.
T3-050-2W	#2 X 2"		PHILLIPS DRYWALL	25
T3-070-2W	#2 X 2-3/4"		PHILLIPS DRYWALL	25
T3-090-2W	#2 X 3-1/2"		PHILLIPS DRYWALL	25



Phillips® ACR® Power Bits - 1/4" Hex

Part #	Size	OAL	Type	Qty.
ACR-050-01	#1 X 2"		PHILLIPS ACR POWER	25
ACR-050-02	#2 X 2"		PHILLIPS ACR POWER	25
ACR-050-03	#3 X 2"		PHILLIPS ACR POWER	25



For Torx® Screws

Star Insert Bits - 1/4" Hex Shank

Part #	Size	OAL	Type	Qty.
TX-025-06	T6 X	1"	STAR INSERT	25
TX-025-07	T7 X	1"	STAR INSERT	25
TX-025-08	T8 X	1"	STAR INSERT	25
TX-025-09	T9 X	1"	STAR INSERT	25
TX-025-10	T10 X	1"	STAR INSERT	25
TX-025-15	T15 X	1"	STAR INSERT	25
TX-025-20	T20 X	1"	STAR INSERT	25
TX-025-25	T25 X	1"	STAR INSERT	25
TX-025-27	T27 X	1"	STAR INSERT	25
TX-025-30	T30 X	1"	STAR INSERT	25
TX-025-40	T40 X	1"	STAR INSERT	25



Square Insert Bits - 1/4" Hex Shank

Part #	Size	OAL	Type	Qty.
T3-R25-00	#0 X	1"	SQUARE INSERT	25
T3-R25-01	#1 X	1"	SQUARE INSERT	25
T3-R25-02	#2 X	1"	SQUARE INSERT	25
T3-R25-03	#3 X	1"	SQUARE INSERT	25



For Torx® Screws

Star Insert Bits - 5/16" Hex Shank

Part #	Size	OAL	Type	Qty.
TX-032-40	T40 X	1-1/4"	STAR INSERT	25
TX-032-45	T45 X	1-1/4"	STAR INSERT	25
TX-032-50	T50 X	1-1/4"	STAR INSERT	25
TX-032-55	T55 X	1-1/4"	STAR INSERT	25



Square Power Bits - 1/4" Hex Shank

Part #	Size	OAL	Type	Qty.
T3-R50-01	#1 X	2"	SQUARE POWER	25
T3-R70-01	#1 X	2-3/4"	SQUARE POWER	25
T3-R75-01	#1 X	3"	SQUARE POWER	25
T3-R90-01	#1 X	3-1/2"	SQUARE POWER	25
T3-R10-01	#1 X	4"	SQUARE POWER	25
T3-R12-01	#1 X	5"	SQUARE POWER	25
T3-R15-01	#1 X	6"	SQUARE POWER	25
T3-R50-02	#2 X	2"	SQUARE POWER	25
T3-R70-02	#2 X	2-3/4"	SQUARE POWER	25
T3-R75-02	#2 X	3"	SQUARE POWER	25
T3-R90-02	#2 X	3-1/2"	SQUARE POWER	25
T3-R10-02	#2 X	4"	SQUARE POWER	25
T3-R12-02	#2 X	5"	SQUARE POWER	25
T3-R15-02	#2 X	6"	SQUARE POWER	25
T3-R50-03	#3 X	2"	SQUARE POWER	25
T3-R70-03	#3 X	2-3/4"	SQUARE POWER	25
T3-R75-03	#3 X	3"	SQUARE POWER	25
T3-R90-03	#3 X	3-1/2"	SQUARE POWER	25
T3-R10-03	#3 X	4"	SQUARE POWER	25
T3-R12-03	#3 X	5"	SQUARE POWER	25
T3-R15-03	#3 X	6"	SQUARE POWER	25



For Torx® Screws

Star Power Bits - 1/4" Hex Shank

Part #	Size	OAL	Type	Qty.
TX-050-10	T10 X	2"	STAR POWER	25
TX-050-15	T15 X	2"	STAR POWER	25
TX-050-20	T20 X	2"	STAR POWER	25
TX-050-25	T25 X	2"	STAR POWER	25
TX-050-27	T27 X	2"	STAR POWER	25
TX-050-30	T30 X	2"	STAR POWER	25
TX-050-40	T40 X	2"	STAR POWER	25



- ◆ S2 Modified Steel
- ◆ Rc. 58-62 Heat Treated
- ◆ German Grade Steel



Pozidriv® Insert Bits - 1/4" Hex Shank

Part #	Size	OAL	Type	Qty.
PZ-025-01	#1 X 1"		POSIDRIV INSERT	25
PZ-025-02	#2 X 1"		POSIDRIV INSERT	25
PZ-025-03	#3 X 1"		POSIDRIV INSERT	25



Pozidriv® Power Bits - 1/4" Hex Shank

Part #	Size	OAL	Type	Qty.
PZ-050-01	#1 X 2"		POSIDRIV POWER	25
PZ-050-02	#2 X 2"		POSIDRIV POWER	25
PZ-075-02	#2 X 3"		POSIDRIV POWER	25
PZ-050-03	#3 X 2"		POSIDRIV POWER	25



Slotted Insert Bits - 1/4" Hex Shank

Part #	Size	OAL	Type	Qty.
ST-025-04	#4-5 X 1"		SLOTTED INSERT	25
ST-025-08	#6-8 X 1"		SLOTTED INSERT	25
ST-025-10	#8-10 X 1"		SLOTTED INSERT	25
ST-025-12	#10-12 X 1"		SLOTTED INSERT	25



Slotted Power Bits - 1/4" Hex Shank

Part #	Size	OAL	Type	Qty.
ST-050-04	#4-5 X 2"		SLOTTED POWER	25
ST-050-08	#6-8 X 2"		SLOTTED POWER	25
ST-050-10	#8-10 X 2"		SLOTTED POWER	25
ST-070-10	#8-10 X 3"		SLOTTED POWER	25
ST-090-10	#8-10 X 3-1/2"		SLOTTED POWER	25
ST-101-10	#8-10 X 4"		SLOTTED POWER	25
ST-150-10	#8-10 X 6"		SLOTTED POWER	25
ST-050-12	#10-12 X 2"		SLOTTED POWER	25



Hex Insert Bits - 1/4" Hex Shank

Part #	Size	OAL	Type	Qty.
HE-25-564	5/64" X 1"		HEX INSERT	25
HE-25-332	3/32" X 1"		HEX INSERT	25
HE-25-764	7/64" X 1"		HEX INSERT	25
HE-25-864	1/8" X 1"		HEX INSERT	25
HE-25-532	5/32" X 1"		HEX INSERT	25
HE-25-316	3/16" X 1"		HEX INSERT	25



Hex Insert Bits - 5/16" Hex Shank

Part #	Size	OAL	Type	Qty.
HE-32-316	3/16" X 1-1/4"		HEX INSERT	25
HE-32-732	7/32" X 1-1/4"		HEX INSERT	25
HE-32-014	1/4" X 1-1/4"		HEX INSERT	25



Double End Bits - 1/4" Hex Shank

Part #	Size	Qty.
DW-050-22	#2 PHILLIPS / #2 PHILLIPS	25
DW-050-26	#2 PHILLIPS / #6-8 SLOTTED	25
DW-050-28	#2 PHILLIPS / #8-10 SLOTTED	25



- ◆ S2 Modified Steel
- ◆ Rc. 58-62 Heat Treated
- ◆ German Grade Steel



Spanner Insert Bits - 1/4" Hex Shank

Part #	Size	OAL	Type	Qty.
SP-025-06	#6 X 1"		SPANNER	25
SP-025-08	#8 X 1"		SPANNER	25
SP-025-10	#10 X 1"		SPANNER	25
SP-025-12	#12 X 1"		SPANNER	25
SP-025-14	#14 X 1"		SPANNER	25



Hex Tamper Insert Bits - 1/4" Hex

Part #	Size	OAL	Type	Qty.
TH-25-332	3/32" X 1"		HEX TAMPER	25
TH-25-018	1/8" X 1"		HEX TAMPER	25
TH-25-964	9/64" X 1"		HEX TAMPER	25
TH-25-532	5/32" X 1"		HEX TAMPER	25
TH-25-316	3/16" X 1"		HEX TAMPER	25
TH-25-732	7/32" X 1"		HEX TAMPER	25
TH-25-014	1/4" X 1"		HEX TAMPER	25
TH-25-516	5/16" X 1"		HEX TAMPER	25



For TAMPER RESISTANT Torx® Screws

Star Tamper Insert Bits - 1/4" Hex

Part #	Size	OAL	Type	Qty.
TT-025-08	T8 X 1"		STAR TAMPER	25
TT-025-09	T9 X 1"		STAR TAMPER	25
TT-025-10	T10 X 1"		STAR TAMPER	25
TT-025-15	T15 X 1"		STAR TAMPER	25
TT-025-20	T20 X 1"		STAR TAMPER	25
TT-025-25	T25 X 1"		STAR TAMPER	25
TT-025-27	T27 X 1"		STAR TAMPER	25
TT-025-30	T30 X 1"		STAR TAMPER	25
TT-025-40	T40 X 1"		STAR TAMPER	25



Tri-Wing Tamper Insert Bits - 1/4" Hex

Part #	Size	OAL	Type	Qty.
TRI-25-01	#1 X 1"		TRI-WING	25
TRI-25-02	#2 X 1"		TRI-WING	25
TRI-25-03	#3 X 1"		TRI-WING	25



For TAMPER RESISTANT Torx® Screws

Star Tamper Insert Bits - 5/16" Hex

Part #	Size	OAL	Type	Qty.
TT-032-45	T45 X 1-1/4"		STAR TAMPER	25
TT-032-50	T50 X 1-1/4"		STAR TAMPER	25
TT-032-55	T55 X 1-1/4"		STAR TAMPER	25

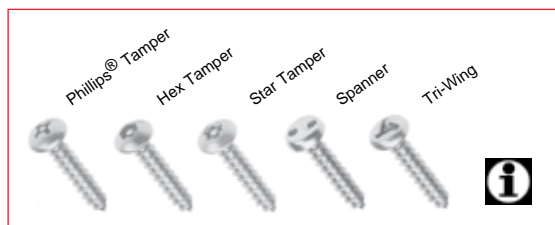


Phillips® Tamper Insert Bits - 1/4" Hex

Part #	Size	OAL	Type	Qty.
TP-025-02	#2 X 1"		PHILLIPS TAMPER	25
TP-025-03	#3 X 1"		PHILLIPS TAMPER	25



- ◆ S2 Modified Steel
- ◆ Rc. 58-62 Heat Treated
- ◆ German Grade Steel





◆ For all 1/4" Hex Insert Bits



Bit Holders - Stainless Steel - Magnetic

Part #	OAL	Body Dia.	Retaining Ring	Description
BH-020-RC	1-3/4"	7/16"	NO	2PC. CONSTRUCTION

Part #	OAL	Body Dia.	Retaining Ring	Description
BH-040-RC	1-13/16"	7/16"	YES	1PC. CONSTRUCTION

Part #	OAL	Body Dia.	Retaining Ring	Description
BH-060-RC	2-5/8"	7/16"	YES	1PC. CONSTRUCTION

BH-060-40 made of Chrome Vanadium.

Part #	OAL	Body Dia.	Retaining Ring	Description
BH-060-40	2-5/8"	3/8"	NO	2PC. CONSTRUCTION

Part #	OAL	Body Dia.	Retaining Ring	Description
BH-075-14	3"	7/16"	NO	2PC. CONSTRUCTION

Part #	OAL	Body Dia.	Retaining Ring	Description
BH-075-14R	3"	7/16"	YES	2PC. CONSTRUCTION

Part #	OAL	Body Dia.	Retaining Ring	Description
BH-075-RC	3"	7/16"	YES	1PC. CONSTRUCTION

Part #	OAL	Body Dia.	Retaining Ring	Description
BH-100-TR	3"	7/16"	THREADED	1PC. CONSTRUCTION

Part #	OAL	Body Dia.	Retaining Ring	Description
BH-100-RC	4"	7/16"	YES	1PC. CONSTRUCTION

Part #	OAL	Body Dia.	Retaining Ring	Description
BH-150-RC	6"	7/16"	YES	1PC. CONSTRUCTION

Lag Driver / Ceiling Tile Hanger Driver

Part #	Size	Type	Qty.
CE-075-14SL	7/16" X 2-3/16"	LAG DRIVER WITH SLEEVE	10

Nut Setters - Magnetic Impact Protection

Part #	Hex Head Size	X	OAL	Type	Qty.
IMP-042-16	1/4"	X	1-3/4"	MAG. IMPACT	10
IMP-065-16	1/4"	X	2-9/16"	MAG. IMPACT	10
IMP-075-16	1/4"	X	4"	MAG. IMPACT	5
IMP-085-16	1/4"	X	6"	MAG. IMPACT	5
IMP-042-20	5/16"	X	1-3/4"	MAG. IMPACT	10
IMP-065-20	5/16"	X	2-9/16"	MAG. IMPACT	10
IMP-075-20	5/16"	X	4"	MAG. IMPACT	5
IMP-085-20	5/16"	X	6"	MAG. IMPACT	5
IMP-042-24	3/8"	X	1-3/4"	MAG. IMPACT	10
IMP-065-24	3/8"	X	2-9/16"	MAG. IMPACT	10
IMP-075-24	3/8"	X	4"	MAG. IMPACT	5
IMP-085-24	3/8"	X	6"	MAG. IMPACT	5

Nut Setters - Magnetic (Standard)

Part #	Hex Head Size	X	OAL	Type	Qty.
NS-042-16	1/4"	X	1-3/4"	MAG. NUT SETTER	10
NS-053-16	1/4"	X	2-1/8"	MAG. NUT SETTER	10
NS-065-16	1/4"	X	2-9/16"	MAG. NUT SETTER	10
NS-075-16	1/4"	X	4"	MAG. NUT SETTER	5
NS-085-16	1/4"	X	6"	MAG. NUT SETTER	5
NS-042-20	5/16"	X	1-3/4"	MAG. NUT SETTER	10
NS-053-20	5/16"	X	2-1/8"	MAG. NUT SETTER	10
NS-065-20	5/16"	X	2-9/16"	MAG. NUT SETTER	10
NS-075-20	5/16"	X	4"	MAG. NUT SETTER	5
NS-085-20	5/16"	X </td <td>6"</td> <td>MAG. NUT SETTER</td> <td>5</td>	6"	MAG. NUT SETTER	5
NS-042-24	3/8"	X	1-3/4"	MAG. NUT SETTER	10
NS-053-24	3/8"	X	2-1/8"	MAG. NUT SETTER	10
NS-065-24	3/8"	X	2-9/16"	MAG. NUT SETTER	10
NS-075-24	3/8"	X	4"	MAG. NUT SETTER	5
NS-085-24	3/8"	X	6"	MAG. NUT SETTER	5
NS-042-28	7/16"	X	1-3/4"	MAG. NUT SETTER	5
NS-053-28	7/16"	X	2-1/8"	MAG. NUT SETTER	5
NS-065-28	7/16"	X	2-9/16"	MAG. NUT SETTER	5
NS-042-32	1/2"	X	1-3/4"	MAG. NUT SETTER	5
NS-065-32	1/2"	X	2-9/16"	MAG. NUT SETTER	5

IMPACT PROTECTION

- ◆ Made for Powerful Impact Drivers / Wrenches
- ◆ 1pc Construction
- ◆ Industrial Grade Magnet
- ◆ 1/4" Hex Power Shank



1-3/4" Long



2-9/16" Long



4" Long



- ◆ 1pc Construction
- ◆ Industrial Grade Magnet
- ◆ 1/4" Hex Power Shank



1-3/4" Long



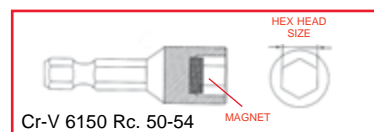
2-1/8" Long



2-9/16" Long



4" Long





◆ For all 1/4" Hex Insert Bits



Pull back system locks in bits.



Sleeve extends up to 8" (on 5" length sleeve guide) to hold screw while fasteneing.



Flexible shaft can bend up to 90° for those hard to reach areas.



Chucks have a quick insert / quick spring out system for easy bit changing. Locks in bits. Use with 2"+ POWER bits only!!!



Use with any 1" bit tips. Adjustable depth prevents over-driving screws into material. Magnetic.

Bit Holders - Special Application - Magnetic

Part #	OAL	Body Dia.	Retaining Ring	Description
BH-050-LK	2"	9/16"	YES / LOCK	SNAP LOCK HOLDER
BH-075-LK	3"	9/16"	YES / LOCK	SNAP LOCK HOLDER

Part #	OAL	Body Dia.	Retaining Ring	Description
BH-075-SL	3"	7/16"	NO	SLEEVE GUIDE HOLDER
BH-125-SL	5"	7/16"	NO	SLEEVE GUIDE HOLDER

Part #	OAL	Body Dia.	Retaining Ring	Description
FX-075-01	7-1/4"	1/2"	YES / BALL	FLEXIBLE BIT HOLDER

Part #	OAL	Body Dia.	Retaining Ring	Description
QUI0001	1-3/4"	13/16"	LOCK	METAL/SPRING OUT

Part #	OAL	Body Dia.	Retaining Ring	Description
DC-075-01	3"	9/16"	LOCK	POWER STOPPER



Made In



1/4" Drive & 5/16" Drive Magnetic Screwdrivers With Insert Bit Storage Handles. BITS NOT INCLUDED.

Part #	Drive	Description
HH-08-001	1/4"	8" MAGNETIC STORAGE HANDLE
HH-08-002	5/16"	8" MAGNETIC STORAGE HANDLE

1/4" Drive Magnetic Screwdrivers With 5 Insert Bits In Storage Handle

Part #	Content				
HH-08-100	#4-5 SLOTTED	#8-10 SLOTTED	#1 PHILLIPS	#2 PHILLIPS	#3 PHILLIPS
HH-08-200	#4-5 SLOTTED	#8-10 SLOTTED	#1 PHILLIPS	#2 PHILLIPS	#15 STAR
HH-08-300	#4-5 SLOTTED	#8-10 SLOTTED	#1 PHILLIPS	#2 PHILLIPS	#2 SQUARE
HH-08-400	T15 STAR	T20 STAR	T25 STAR	T27 STAR	T30 STAR
HH-08-500	T15 STAR PIN	T20 STAR PIN	T25 STAR PIN	T27 STAR PIN	T30 STAR PIN
HH-08-600	#6 SPANNER	#8 SPANNER	#10 SPANNER	#12 SPANNER	#2 PHILLIPS





COMES WITH CASE AND HANDLE!



30 Pc. Screwdriver Insert Set - STANDARD

Part #	Description
ST-100-30	<ul style="list-style-type: none"> ⊕ Phillips: #1, #2, #3 ⊖ Slotted: 3-4, 4-5, 6-8, 8-10 ⊕ Posidriv: #1, #2, #3 ⊖ Square: #0, #1, #2, #3 ⊖ Hex: 5/64", 3/32", 7/64", 1/8", 9/64" ⊖ Star: T10, T15, T20, T25, T27, T30, T40 ● 1" Long Socket Adaptor ● 3" Long Bit Holder

COMES WITH CASE AND HANDLE!



30 Pc. Screwdriver Insert Set - TAMPER PROOF

Part #	Description
TR-100-30	<ul style="list-style-type: none"> ⊕ Spanner: #6, #8, #10 ⊕ Posidriv: #1, #2, #3 ⊖ Tri-Wing: #1, #2, #3 ⊖ Hex Tamper: 3/32", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16" ⊖ Star Tamper: T8, T9, T10, T15, T20, T25, T27, T30, T40 ● 1" Long Socket Adaptor ● 3" Long Bit Holder



32 Pc. Screwdriver Insert Set - STANDARD

Part #	Description
TECH-32	<ul style="list-style-type: none"> ⊕ Phillips: #0, #1, #2 (2), #3, #2DW (2) ⊖ Slotted: 6-8, 8-10, 10-12 ⊖ Square: #0, #1, #2 (3), #3 ⊖ Hex: 5/64", 3/32", 7/64", 1/8", 5/32", 3/16" ⊖ Star: T8, T10, T15, T20, T25, T27, T30, T40 ● 1/4" Impact Driver Adaptor ● 1/4" Auto Locking Magnetic Bit Holder



← Belt Clip

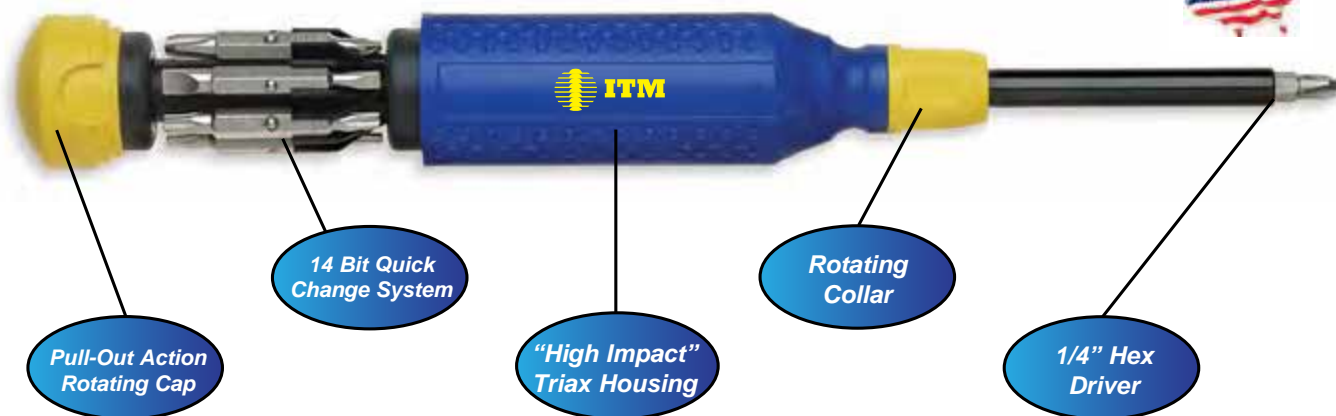


32 Pc. Screwdriver Insert Set - TAMPER PROOF

Part #	Description
TECH-32TR	<ul style="list-style-type: none"> ⊕ Spanner: #6, #8, #10, #12, #14 ⊖ Star Tamper: T8, T9, T10, T15, T20, T25, T27, T30, T40 ⊖ Hex Tamper: 3/32", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16" ⊖ Tri-Wing: #1, #2, #3 ⊖ Square: #1, #2, #3 ⊕ Phillips: #2, #3 ● 1/4" Impact Driver Adaptor ● 1/4" Auto Locking Magnetic Bit Holder

US PATENT 5265504

Made In



Part #	Description
MEGAPRO151	15-IN-1 MEGAPRO SCREWDRIVER #0 - #3 PHILLIPS #10 - #15 STAR #1 - #2 PHILLIPS #20 - #25 STAR #0 - #3 SQUARE #4 - #6 SLOTTED #1 - #2 SQUARE

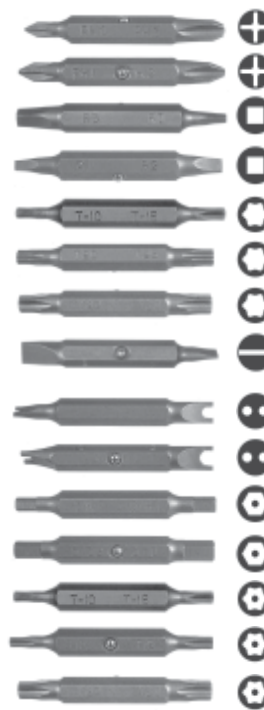


Part #	Description
MEGATAM151	15-IN-1 TAMPERPROOF SCREWDRIVER #6 - #8 SPANNER #10 - #15 STAR PIN #10 - #12 SPANNER #20 - #25 STAR PIN 1/8" - 9/64" HEX PIN #27 - #30 STAR PIN 5/32" - 3/16" HEX PIN



Tamper Proof Tamper Proof Driver sold Individually Tubed.

Part #	Description
470001	#0 - #3 PHILLIPS®
470002	#1 - #2 PHILLIPS®
470003	#0 - #3 SQUARE
470004	#1 - #2 SQUARE
470005	#10 - #15 STAR
470006	#20 - #25 STAR
470009	#27 - #30 STAR (SPECIAL SIZE)
470007	#4 - #6 SLOTTED
690001	#6 - #8 SPANNER
690002	#10 - #12 SPANNER
690003	1/8" - 9/64" HEX PIN
690004	5/32" - 3/16" HEX PIN
690005	#10 - #15 STAR PIN
690006	#20 - #25 STAR PIN
690007	#27 - #30 STAR PIN



Replacement bits for the Megapro & Megapro Tamper Proof are sold individually.

PHILLIPS® IS A REGISTERED TRADEMARK OF PHILLIPS SCREW CO.



1/4"
DRIVE



1/4" Square Drive

Part #	MALE SQUARE	x	TOTAL LENGTH	x	SHANK HEX SIZE	Description
AD-025-14	1/4"	x	1"	x	1/4"	SOCKET EXTENSION
AD-032-14	1/4"	x	1-1/4"	x	1/4"	SOCKET EXTENSION
AD-050-14	1/4"	x	2"	x	1/4"	SOCKET EXTENSION
AD-075-14	1/4"	x	3"	x	1/4"	SOCKET EXTENSION
AD-100-14	1/4"	x	4"	x	1/4"	SOCKET EXTENSION
AD-150-14	1/4"	x	6"	x	1/4"	SOCKET EXTENSION
AD-200-14	1/4"	x	8"	x	1/4"	SOCKET EXTENSION

3/8"
DRIVE



3/8" Square Drive

Part #	MALE SQUARE	x	TOTAL LENGTH	x	SHANK HEX SIZE	Description
AD-050-38	3/8"	x	2"	x	1/4"	SOCKET EXTENSION
AD-075-38	3/8"	x	3"	x	1/4"	SOCKET EXTENSION
AD-100-38	3/8"	x	4"	x	1/4"	SOCKET EXTENSION
AD-150-38	3/8"	x	6"	x	1/4"	SOCKET EXTENSION
AD-200-38	3/8"	x	8"	x	1/4"	SOCKET EXTENSION

1/2"
DRIVE

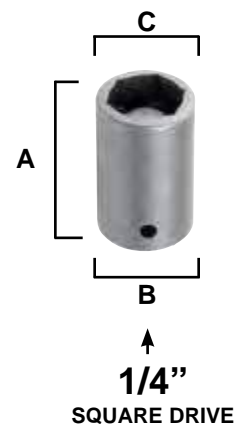


1/2" Square Drive

Part #	MALE SQUARE	x	TOTAL LENGTH	x	SHANK HEX SIZE	Description
AD-055-12	1/2"	x	2-1/8"	x	1/4"	SOCKET EXTENSION
AD-075-12	1/2"	x	3"	x	1/4"	SOCKET EXTENSION
AD-150-12	1/2"	x	6"	x	1/4"	SOCKET EXTENSION
AD-200-12	1/2"	x	8"	x	1/4"	SOCKET EXTENSION

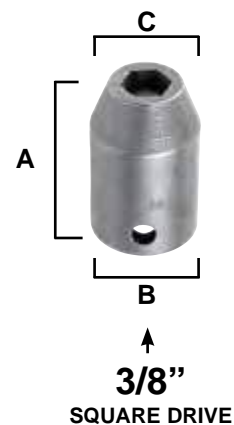
1/4" Square Drive Magnetic Impact Sockets

Part #	SQUARE DRIVE	x	(A) LENGTH	x	HEX DRIVE	(B) BODY	(C) NOSE	Description
250ST1264	1/4"	x	15/16"	x	3/16"	1/2"	3/8"	MAG. IMPACT SOCKET
250ST1664	1/4"	x	15/16"	x	1/4"	1/2"	7/16"	MAG. IMPACT SOCKET
250ST2064	1/4"	x	15/16"	x	5/16"	1/2"	1/2"	MAG. IMPACT SOCKET
250ST2464	1/4"	x	1"	x	3/8"	5/8"	9/16"	MAG. IMPACT SOCKET
250ST3264	1/4"	x	1"	x	1/2"	3/4"	3/4"	MAG. IMPACT SOCKET



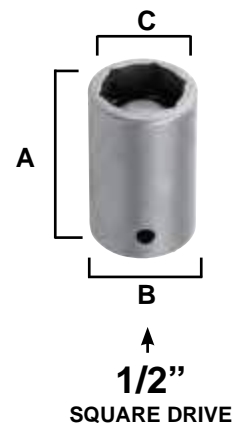
3/8" Square Drive Magnetic Impact Sockets

Part #	SQUARE DRIVE	x	(A) LENGTH	x	HEX DRIVE	(B) BODY	(C) NOSE	Description
375ST1664	3/8"	x	1-1/4"	x	1/4"	3/4"	7/16"	MAG. IMPACT SOCKET
375ST2064	3/8"	x	1-1/4"	x	5/16"	3/4"	1/2"	MAG. IMPACT SOCKET
375ST2464	3/8"	x	1-1/4"	x	3/8"	3/4"	9/16"	MAG. IMPACT SOCKET
375ST3264	3/8"	x	1-1/2"	x	1/2"	15/16"	3/4"	MAG. IMPACT SOCKET



1/2" Square Drive Magnetic Impact Sockets

Part #	SQUARE DRIVE	x	(A) LENGTH	x	HEX DRIVE	(B) BODY	(C) NOSE	Description
500ST1664	1/2"	x	1-1/2"	x	1/4"	15/16"	7/16"	MAG. IMPACT SOCKET
500ST2064	1/2"	x	1-1/2"	x	5/16"	15/16"	1/2"	MAG. IMPACT SOCKET
500ST2464	1/2"	x	1-1/2"	x	3/8"	15/16"	9/16"	MAG. IMPACT SOCKET
500ST3264	1/2"	x	1-1/2"	x	1/2"	15/16"	3/4"	MAG. IMPACT SOCKET





Made In



Conical Plastic Anchors



BAG



BOX

Part #	Size	Screw Size	Anchor Type	Color	Qty.	Packaged
803CAB004	3/16" X 3/4"	4 - 6	CONICAL	BLUE	50,000	BULK
803CAB006	3/16" X 7/8"	6 - 8	CONICAL	BLUE	40,000	BULK
803CAB008	1/4" X 1"	8 - 10	CONICAL	BLUE	20,000	BULK
803CAB012	5/16" X 1-1/4"	12 - 16	CONICAL	BLUE	10,000	BULK
806CAB006	3/16" X 7/8"	6 - 8	CONICAL	BLUE	1,000	BAG
806CAB008	1/4" X 1"	8 - 10	CONICAL	BLUE	500	BAG
806CAB012	5/16" X 1-1/4"	12 - 16	CONICAL	BLUE	500	BAG
802CAB006	3/16" X 7/8"	6 - 8	CONICAL	BLUE	100	BOX
802CAB008	1/4" X 1"	8 - 10	CONICAL	BLUE	100	BOX
802CAB012	5/16" X 1-1/4"	12 - 16	CONICAL	BLUE	100	BOX



Ribbed Plastic Anchors

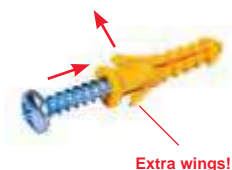
- ◆ Internal Ribs for Better Centering of Screw
- ◆ Locking Lugs Against Pull & Twist
- ◆ Special Exterior Design Prevents Fall Out in Overhead Holes
- ◆ Deep Teeth give Maximum Anchoring in Concrete, and Bite Deeply in Drywall or Wood
- ◆ Unique Expansion Capacity in Soft Material

Part #	Size	Screw Size	Anchor Type	Color	Qty.	Packaged
800RBR006	3/16" X 7/8"	6-8	RIBBED	RED	40,000	BULK
800RBR008	1/4" X 1"	8-12	RIBBED	RED	20,000	BULK
800RBR012	5/16" X 1-1/4"	12 - 16	RIBBED	RED	10,000	BULK
806RBR006	3/16" X 7/8"	6-8	RIBBED	RED	1,000	BAG
806RBR008	1/4" X 1"	8-12	RIBBED	RED	500	BAG
806RBR012	5/16" X 1-1/4"	12 - 16	RIBBED	RED	500	BAG
802RBR006	3/16" X 7/8"	6-8	RIBBED	RED	100	BOX
802RBR008	1/4" X 1"	8-12	RIBBED	RED	100	BOX
802RBR012	5/16" X 1-1/4"	12 - 16	RIBBED	RED	100	BOX



Super Ribbed Plastic Anchors

Ribbed Plastic Anchors can be used in solid or hollow wall with either wood or sheet metal screws.



Extra wings!

Part #	Size	Screw Size	Anchor Type	Color	Qty.	Packaged
SA316Y	3/16" X 7/8"	6 - 8	SUPER	YELLOW	40,000	BULK
SA014Y	1/4" X 1-1/4"	8 - 12	SUPER	YELLOW	20,000	BULK
SA516Y	5/16" X 1-1/2"	12 - 16	SUPER	YELLOW	10,000	BULK
BASA316	3/16" X 7/8"	6 - 8	SUPER	YELLOW	1,000	BAG
BASA014	1/4" X 1-1/4"	8 - 12	SUPER	YELLOW	500	BAG
BASA516	5/16" X 1-1/2"	12 - 16	SUPER	YELLOW	500	BAG
BASA316R	3/16" X 7/8"	6 - 8	SUPER	YELLOW	100	BOX
BASA014R	1/4" X 1-1/4"	8 - 12	SUPER	YELLOW	100	BOX
BASA516R	5/16" X 1-1/2"	12 - 16	SUPER	YELLOW	100	BOX



PART #
807AK006

100 pcs. - 3/16" Ribbed Anchors
100 pcs. - #8 Combo Screws
1 pc. - 3/16" Slow Spiral Masonry

PART #
807AX0007

100 pcs. - 1/4" Ribbed Anchors
100 pcs. - #10 HEX Screws
1 pc. - 1/4" Slow Spiral Masonry



807AK0011

PART #
807AK0016

100 pcs. - 1/4" Ribbed Anchors
100 pcs. - #10 Combo Screws
1 pc. - 1/4" Slow Spiral Masonry

PART #
807AK0009

50 pcs. - 5/16" Ribbed Anchors
50 pcs. - #12 Combo Screws
1 pc. - 5/16" Slow Spiral Masonry



807AK0016

PART #
807AK0010

100 pcs. - 3/16" Conical Anchors
100 pcs. - #8 Combo Screws
1 pc. - 3/16" Slow Spiral Masonry

List \$7.65

PART #
807AK0011

100 pcs. - 1/4" Conical Anchors
100 pcs. - #10 Combo Screws
1 pc. - 1/4" Slow Spiral Masonry

PART #
807AK0012

100 pcs. - 1/4" Conical Anchors
100 pcs. - #10 HEX Screws
1 pc. - 1/4" Slow Spiral Masonry

PART #
807AK0013

50 pcs. - 5/16" Conical Anchors
50 pcs. - #12 Combo Screws
1 pc. - 5/16" Slow Spiral Masonry



SUPRAK008

PART #
SUPRAK006

100 pcs. - 3/16" SUPER Anchors
100 pcs. - #8 Combo Screws
1 pc. - 3/16" Slow Spiral Masonry

PART #
SUPRAK007

100 pcs. - 1/4" SUPER Anchors
100 pcs. - #10 x 1 1/4" HEX Screws
1 pc. - 1/4" Slow Spiral Masonry

PART #
SUPRAK008

100 pcs. - 1/4" SUPER Anchors
100 pcs. - #10 x 1 1/4" Combo Screws
1 pc. - 1/4" Slow Spiral Masonry

PART #
SUPRAK009

50 pcs. - 5/16" SUPER Anchors
50 pcs. - #12 x 1 1/2" Combo Screws
1 pc. - 5/16" Slow Spiral Masonry



EZZ-PACK

PART #
EZN-PACK

50 pcs. - Nylon Zap-In
50 pcs. - #8 x 1" Combo Screws
1 pc. - #2 X 2" Phillips Bit

PART #
EZZ-PACK

50 pcs. - Zinc Zap-In
50 pcs. - #8 x 1" Combo Screws
1 pc. - #2 X 2" Phillips Bit

- ◆ High Quality Impact Resistant Clear Box with Separations
- ◆ 4" Long Slow Spiral Gold Head Black Masonry Bit Matching Anchor Sizes
- ◆ High Quality Screws Match Anchor Sizes
- ◆ Same High Quality American Made Anchors as on Page 116



CONICAL ANCHOR - BLUE



RIBBED ANCHOR - RED



SUPER ANCHOR - YELLOW



ZAP-IN ANCHOR



COMBO SCREW



HEX HEAD COMBO SCREW



- ◆ Manufactured of 100% Nylon
- ◆ Non-Corrosive
- ◆ Specification: Type 6.6 Nylon
- ◆ Self-Extinguishing
- ◆ Natural & Weather Resistant Black Operating Temperatures From 40° F (-40° C) to 185° F (85° C).
- ◆ Recognized Under the Components Program of Underwriter Laboratories, Inc.

File # E 57800.

NATURAL NYLON 6.6 CABLE TIES

Part #	Length	Tensile Strength	Width	Bundle Diameter	Military Specification	Pack Qty.
MS0016-C	4"	18 lbs.	3/32"	1/16" → 5/8"	MS-3367-4-9	100
MS0032-C	5.5"	40 lbs.	1/8"	1/16" → 1-1/4"	MS-3367-5-9	100
MS0050-C	8"	50 lbs.	1/8"	1/16" → 2-1/8"	MS-3367-4-9	100
MS0070-C	11"	50 lbs.	3/16"	1/16" → 3"	MS-3367-7-9	100
MS0108-C	15"	50 lbs.	3/16"	1/16" → 4"	MS-3367-2-9	100

NATURAL NYLON 6.6 CABLE TIES - EXTRA HEAVY DUTY

Part #	Length	Tensile Strength	Width	Bundle Diameter	Military Specification	Pack Qty.
XMS0050	8"	120 lbs.	5/16"	3/16" → 2"	-	100
XMS0070	11"	120 lbs.	5/16"	3/16" → 3"	-	100
XMS0108	15"	120 lbs.	5/16"	3/16" → 4"	-	100
XMS0152	24"	175 lbs.	3/8"	3/16" → 7"	-	100
XMS0225	36"	175 lbs.	3/8"	3/16" → 10"	-	100
XMS0300	48"	175 lbs.	3/8"	3/16" → 12"	-	100

BLACK WEATHER RESISTANT NYLON CABLE TIES



Part #	Length	Tensile Strength	Width	Bundle Diameter	Military Specification	Pack Qty.
BWR0016-C	4"	18 lbs.	3/32"	1/16" → 5/8"	MS-3367-4-0	100
BWR0032-C	5.5"	40 lbs.	1/8"	1/16" → 1-1/4"	MS-3367-5-0	100
BWR0050-C	8"	50 lbs.	1/8"	1/16" → 2-1/8"	MS-3367-4-0	100
BWR0070-C	11"	50 lbs.	3/16"	1/16" → 3"	MS-3367-7-0	100
BWR0108-C	15"	50 lbs.	3/16"	1/16" → 4"	MS-3367-2-0	100

BLACK WEATHER RESISTANT NYLON CABLE TIES - EXTRA H.D.

Part #	Length	Tensile Strength	Width	Bundle Diameter	Military Specification	Pack Qty.
XBWR050	8"	120 lbs.	5/16"	3/16" → 2"	-	100
XBWR070	11"	120 lbs.	5/16"	3/16" → 3"	-	100
XBWR108	15"	120 lbs.	5/16"	3/16" → 4"	-	100
XBWR152	24"	175 lbs.	3/8"	3/16" → 7"	-	100
XBWR225	36"	175 lbs.	3/8"	3/16" → 10"	-	100
XBWR300	48"	175 lbs.	3/8"	3/16" → 12"	-	100



CABLE TIE WITH SCREW MOUNT HOLE

Part #	Length	Tensile Strength	Width	Bundle Diameter	Military Specification	Pack Qty.
NATURAL						
WCM0050	8"	50 lbs.	1/8"	1/16" → 2-1/8"	-	100
WCM0070	11"	50 lbs.	3/16"	1/16" → 3"	-	100
WCM0108	14"	50 lbs.	3/16"	1/16" → 4"	-	100
BLACK						
BCM0050	8"	50 lbs.	1/8"	1/16" → 2-1/8"	-	100
BCM0070	11"	50 lbs.	3/16"	1/16" → 3"	-	100
BCM0108	14"	50 lbs.	3/16"	1/16" → 4"	-	100



ZAP-IN Anchors - Nylon

Part #	OAL	Description	Box Qty.	Packaged
EZN1212	1-3/4"	ZAP-IN NYLON	100	BOX
EZN1212B	1-3/4"	ZAP-IN NYLON	2,000	BULK



ZAP-IN Anchors - Zamac Alloy

Part #	OAL	Description	Box Qty.	Packaged
EZZ1212	1-5/16"	ZAP IN ZAMAC ALLOY	100	BOX
EZZ1212B	1-5/16"	ZAP IN ZAMAC ALLOY	2,000	BULK



Hammer Drive Nail-In Anchors - Zamac

Part #	Size	Description	Drill	Box Qty.
HD14340	1/4" X 3/4"	MUSHROOM	1/4"	100
HD14010	1/4" X 1"	MUSHROOM	1/4"	100
HD14114	1/4" X 1-1/4"	MUSHROOM	1/4"	100
HD14112	1/4" X 1-1/2"	MUSHROOM	1/4"	100
HD14200	1/4" X 2"	MUSHROOM	1/4"	100

Meets or exceeds GSA Specification FF-S-325, Group V, Type 2, Class 3.



Split Drive Anchors - Zinc Plated

Part #	Size	Minimum Embedment	Drill	Box Qty.
FDA14150	1/4" X 1-1/2"	1-1/8"	1/4"	100
FDA14200	1/4" X 2"	1-1/8"	1/4"	100
FDA14250	1/4" X 2-1/2"	1-1/8"	1/4"	100
FDA14300	1/4" X 3"	1-1/8"	1/4"	100
FDA14350	1/4" X 3-1/2"	1-1/8"	1/4"	100
FDA14400	1/4" X 4"	1-1/8"	1/4"	100

Meets or exceeds GSA Specification FF-S-325, Group IV.



Double Expansion Anchor - Zamac

Part #	Size	OAL	Drill	Box Qty.
DES1664	1/4" - 20	1"	1/2"	50
DES2064	5/16" - 18	1-1/4"	5/8"	50
DES2464	3/8" - 16	1-1/2"	3/4"	50
DES3264	1/2" - 13	2"	7/8"	25
DES4064	5/8" - 11	2-1/4"	1"	20
DES4864	3/4" - 10	2-7/8"	1-1/4"	10

Meets or exceeds GSA Specification FF-S-325, Group II, Type 2, Class 2, Style 2.

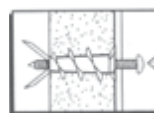
- ◆ Industrial Quality
- ◆ Nylon or Zamac Alloy
- ◆ Ideal for Fastening to Drywall and Other Low Density Substrates
- ◆ Easily Removable by Simply Backing Out Screw



Insert either #2 or #3 Phillips Driver bit into the recess of Zap-In anchor head. Use screwdriver or screw gun.



Push Zap-In anchor into surface of wallboard until the two cutting blades penetrate the surface. Using gentle forward pressure, rotate anchor until collar sets flush to surface of wall.



- Use #8 Screws, minimum 3/4" long.
- Wall board should be 3/8" - 1" thick.

Put fixture in place, insert screw & tighten until secure.

EASY TO INSTALL

No screws necessary. Just drill 1/4" hole and hammer in the anchor.

- Hollow Wall
- Solid Wall
- Concrete
- Stone
- Brick
- Plaster
- Sheet Metal

EASY TO INSTALL

No screws necessary. Just drill 1/4" hole and hammer in the anchor.

- ◆ Carbon Steel Construction
 - ◆ Flat Head
- Concrete
 - Stone
 - Solid Brick

STEP BY STEP

INSTALLATION INSTRUCTIONS

- hole **Drill** indicated drill size & bolt length.
- **expansion** anchor with **embed** first. Anchor should be flush with surface, or slightly above surface plane.
- **insert** bolt and tighten.
- Length of screw should equal bolt length plus thickness of fixture used.



All specs available upon request.



- ◆ Retractable 3 Blade Positions
- ◆ Extra Blade Inside Compartment
- ◆ Carded and Sold Individually



Carded Utility Knife - 1 Pack

Part #	Description	
UTK0001	UTILITY KNIFE	

Free Counter Display With Every Order!



- ◆ Retractable 3 Blade Positions
- ◆ 3 Blades In Each Knife
- ◆ Heavy Duty Die Cast Aluminum
- ◆ Pull Out Mechanism For Quick Blade Change



Quick Release Utility Knife - 12 Pack

Part #	Description	
UTK0002	UTILITY KNIFE (12 PK)	



- ◆ Heavy Duty
- ◆ Fits All Standard Knives
- ◆ Made in Taiwan

Heavy Duty Utility Blades

Part #	Description	Qty.	
HDB9005	INDIVIDUAL PACK	5	
HDB9100	100 PACK (20 X 5 PACKS)	100	



SOLD IN 12 PIECE
DISPLAY BOX ONLY

6-IN-1 Combination Screwdriver

Part #	Description
ST-100-20	6-IN-1 SCREWDRIVER #1, #2, PHILLIPS 1/4" NUT SETTER #5, #8-10, SLOTTED 5/16" NUT SETTER

- ◆ 6 in 1 Quick Change
- ◆ Industrial Quality



6" Wallboard Saw

Part #	Description
WS-6	6" WALLBOARD SAW

- ◆ Double Sided Tooth Geometry
- ◆ Narrow Blade Ideal For Awkward Cuts
- ◆ Carded And Sold Individually



Non-Toxic Dust Masks

Part #	Description	Qty.
MSK55	SINGLE STRAP	5
MAS0001	SINGLE STRAP	50
MAS0002	DOUBLE STRAP	50

Safety Goggles

Part #	Description	Qty.
GOG0001	SAFETY GOGGLES	1