

# DRILTEC, INC.

WORLD'S FINEST MASONRY AND CONCRETE DRILL BITS

[www.driltec.com](http://www.driltec.com)



2008



# PERFORMANCE IN YOUR HAMMER

New rotary hammer developments with emphasis on ergonomics and operator convenience have challenged us to maximize those advancements. The patented JET-HEAD® drill bits together with the brand new BIONIC® drill bits made those challenges reality. Independently verified performance tests prove, that the new BIONIC® drill bits not only are exceptionally fast but to also substantially outperform other leading manufacturers when it comes to drill bit life and performance. The BIONIC® drill bit concept with it's unique concaved carbide tip and the all new TWINMAX™ spiral flute will be extended throughout all rotary hammer drill bits where applicable.

Multi-Purpose and special Tile Bits together with SDS-Top drill bits, chisels and core bits for the all new mid-range rotary hammer generation as well as Rebar-Cutters are further evidence of DRILTEC's commitment to market leadership and customer service.

DRILTEC rotary hammer accessories are designed and built in accordance to power tool manufacturer's specifications and licenses in order to maximize as well as optimize rotary hammer performance. Throughout the production processes strict quality assurance programs are enforced to ensure consistency and superior standard of quality. Research, modern production techniques com-

bined with the latest in manufacturing equipment are put to work in the manufacture of highest quality DRILTEC carbide tipped drill bits and accessories.

Your authorized local DRILTEC distributor stocks a comprehensive range of carbide tipped drill bits, chisels and core bits to meet your most demanding drilling application. To further assist you please let us know what you need to know or want us to know:

**Please Fax us Toll Free at 1-800-335-1304 or visit our website at [www.driltec.com](http://www.driltec.com).**

WARRANTY: All DRILTEC products are warranted against any defects in material and workmanship. No other warranty is expressed or implied. No warranty is applied or expressed with regard to the fitness of any reconditioned tools, including products reconditioned in accordance to supplied reconditioning instructions.

- CAUTION:**
- Always wear eye, ear, and respiratory protection when using masonry drill bits, chisels, and accessories.
  - Grinding of carbide may produce dust of potentially hazardous ingredient.
  - Consult power tool manual for proper use of tools.

*All Prices, Dimensions and Specifications are subject to change without notice!*

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**PLEASE NOTE:** Company names and product names indicated have no affiliation with **DRILTEC, INC.** They are used for reference only and are properties/Trademarks of the companies indicated. Company/Model numbers in this brochure are for reference only. Subject to change without notice.





# INDEX

DESCRIPTION	ITEM	NEW	PAGE
<b>A-TAPER:</b>	Adapter		16
	Drill Bits		16
<b>ADAPTER:</b>	A-Taper		16
	Core Bit Adapter		21
	Cruciform Adapter		22
	Drill Bit Ratio Adapter		20
	Snap-Lock Adapter		16
<b>CHISEL:</b>	3/4" HEX		25
	1-1/8" HEX		26
	SDS-Max		29
	SDS-Plus		28
	SDS-Top		28
	Spline Shank		27
<b>CORE BITS:</b>	One-Piece		7
	Ratio Core Bits		21
<b>CRUCIFORM:</b>	All Shank Configurations		22
<b>RATIO SYSTEM:</b>	Core Bits		21
	Cruciform Bits		22
	Drill Bits (ANSI)		20
	Drill Bits (METRIC)		20
<b>REBAR CUTTER:</b>	All Shank Configurations		6
<b>SDS-MAX:</b>	Adapter A-Taper		17
	Adapter Ratio Core Bits		21
	Adapter Ratio Cruciform		22
	Adapter Ratio Drill Bits		20
	Adapter Snap-Lock		17
	Chisel		29
	Core Bits – One-Piece		7
	Ratio		21
	Cruciform		22
	Drill Bits (ANSI)		13
	Ratio Drill Bits (ANSI)		20
	Ratio Drill Bits (METRIC)		20
	Rebar Cutter		6
<b>SDS-PLUS:</b>	Adapter A-Taper		16
	Adapter Ratio Core Bits		21
	Adapter Ratio Drill Bits		20
	Adapter Snap-Lock		16
	Bulk HIT-PACK (ANSI)		8
	Bulk PRO-PACK (ANSI)		8
	Chisel		28
	Core Bits – Ratio		21
	Drill Bits (ANSI) BIONIC®		9

DESCRIPTION	ITEM	NEW	PAGE
	Drill Bits (METRIC)		8
	Ratio Drill Bits (ANSI)		20
	Ratio Drill Bits (METRIC)		20
	Tapcon SDS-Hex		23
	Rebar Cutter		6
<b>SDS-TOP:</b>	Adapter Ratio Core Bits		21
	Adapter Ratio Cruciform		22
	Adapter Ratio Drill Bits		20
	Chisel		28
	Core Bits – Ratio		21
	Cruciform Bits		22
	Drill Bits (ANSI)		11
	Ratio Drill Bits (ANSI)		20
	Ratio Drill Bits (METRIC)		20
	Rebar Cutter		6
<b>SAW BLADES:</b>	Carbide Tipped		30
	Cheetah Thin Kerf		30
	Red Cheetah Ultra Thin Kerf		30
<b>SPLINE SHANK:</b>	Adapter A-Taper		16
	Adapter Ratio Core Bits		21
	Adapter Ratio Cruciform		22
	Adapter Ratio Drill Bits		20
	Adapter Snap-Lock		16
	Chisel		27
	Core Bits – One-Piece		7
	Ratio		21
	Cruciform		22
	Drill Bits (ANSI)		15
	Ratio Drill Bits (ANSI)		20
Ratio Drill Bits (METRIC)		20	
Rebar Cutter		6	
<b>STRAIGHT SHANK:</b>	Heavy Duty		17
	HT-Series (Tile & Marble)		5
	Metric		17
	Multi-Purpose Drill Bits		4
	Tapcon		23
	Installation Kit		23
<b>TAPCON:</b>	Installation Accessories		23
	Drill Bits		23

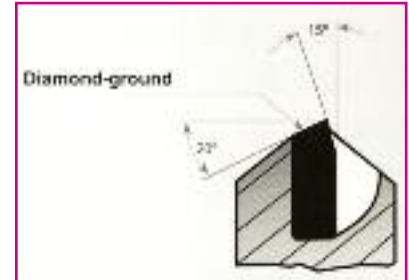


**NEW!**

# SC Multi-Purpose Drill Bits

- Titanium Carbide Tip
- Special Cutting Edge Geometry
- Diamond-Ground Cutting Surface

**SC Drill Bits, suitable to drill almost any material.**



PART NUMBER	DIAMETER	TOTAL LENGTH
SC-003-015	1/8"	3"
SC-008-030	5/32"	6"
SC-013-016	3/16"	3-1/2"
SC-013-030	3/16"	6"
SC-018-017	1/4"	4-1/4"
SC-018-030	1/4"	6"
SC-023-030	5/16"	6"
SC-028-028	3/8"	5-1/4"
SC-033-030	1/2"	6"
SC-038-030	5/8"	6"



## Drilling Guidelines

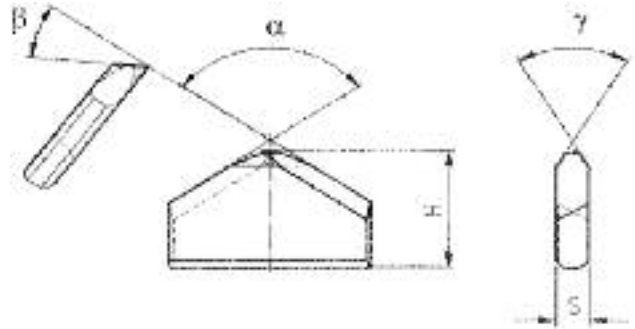
Material	Mode of Operation	RPM up to 1/4" Diameter	RPM 5/16" to 1/2" Diameter
Granite/Stone	With Rotary Percussion	1500	1000
Brick	With or without Rotary Percussion	1500	1000
Marble	With or without Rotary Percussion	1500	1000
Cast Stone	With or without Rotary Percussion	1500	1000
Concrete	With or without Rotary Percussion	1500	1000
*****	*****	*****	*****
Soft Wood	Without Percussion	2500	1500
Hard Wood	Without Percussion	1600	800
Ceramic Tile	Without Percussion <i>Liquid coolant permitted.</i>	1800	1200
Porcelain	Without Percussion <i>Liquid coolant permitted.</i>	1200	800
Baked Ceramic	Without Percussion <i>Liquid coolant permitted.</i>	1200	800
Glass/Crystal	Without Percussion <i>Liquid coolant permitted.</i>	800	600
Plastic/Acrylic	Without Percussion <i>Drill press.</i>	1500	1000
Cast Iron/Steel	Without Percussion <i>Drill press, with oil coolant.</i>	1000	800



# NEW! HT Drill Bits

for drilling Tile, Marble, Porcelain, Ceramics, etc.

HT Drill Bits with the extremely hard and sharp TSM carbide tip technology make it possible to drill even the hardest materials up to scratch hardness of 9.



- Titanium Tungsten TSM Carbide. 110° tip angle.
- Straight flute entry.
- 1,120° Low-stress high temperature brazing.
- Asymmetric spiral flute
- Highest quality steel
- Surface hardened.

PART NUMBER	DIAMETER	TOTAL LENGTH
HT-005-005	1/8"	3"
HT-010-010	5/32"	4"
HT-015-015	3/16"	4"
HT-020-020	1-4"	4"
HT-025-025	5/16"	4-3/4"
HT-030-030	3/8"	4-3/4"
HT-033-033 <i>NEW</i>	1/2"	6"

**• Use in Rotary mode only!**

- Tile: 1200-600 rpm
- Glass: 800-400 rpm  
*Small diameters use higher rpm.  
Large diameter use lower rpm.*
- Apply high contact pressure if necessary.
- Allow for 20 seconds cooling time between holes for longer bit life.
- For use in all materials up to scratch hardness of 9.





# NEW REBAR CUTTER

For use with SDS-Plus Rotary Hammers

## The Revolution in Cutting Concrete Embedded Rebar!



- Uniquely durable and aggressive carbide tips.
- Use with **engaged hammer** action; Continuous drilling without change of drill mode!
- Integrated ejection support for removal of reinforcement from drill body.

**NOTE:** Consult with structural design engineer/architect before drilling rebar!

DIAMETER	USEABLE LENGTH	REBAR-CUTTER DESCRIPTION	PART #	
1/2"	x 7-1/2"	Ratio Rebar Cutter	RL-050-190	
1/2"	x 16"	Ratio Rebar Cutter	RL-050-420	<b>NEW</b>
9/16"	x 7-1/2"	Ratio Rebar Cutter	RL-056-190	
9/16"	x 16"	Ratio Rebar Cutter	RL-056-420	<b>NEW</b>
5/8"	x 7-1/2"	Ratio Rebar Cutter	RL-063-190	
5/8"	x 16"	Ratio Rebar Cutter	RL-063-420	<b>NEW</b>
11/16"	x 7-1/2"	Ratio Rebar Cutter	RL-069-190	
11/16"	x 16"	Ratio Rebar Cutter	RL-069-420	<b>NEW</b>
3/4"	x 7-1/2"	Ratio Rebar Cutter	RL-075-190	
3/4"	x 16"	Ratio Rebar Cutter	RL-075-420	<b>NEW</b>
7/8"	x 7-1/2"	Ratio Rebar Cutter	RL-088-190	
7/8"	x 16"	Ratio Rebar Cutter	RL-088-420	<b>NEW</b>
1"	x 7-1/2"	Ratio Rebar Cutter	RL-100-190	
1"	x 16"	Ratio Rebar Cutter	RL-100-420	<b>NEW</b>
1-1/8"	x 7-1/2"	Ratio Rebar Cutter	RL-113-190	
1-1/8"	x 16"	Ratio Rebar Cutter	RL-113-420	<b>NEW</b>
1-1/4"	x 7-1/2"	Ratio Rebar Cutter	RL-125-190	
1-1/4"	x 16"	Ratio Rebar Cutter	RL-125-420	<b>NEW</b>
<b>For Larger Diameters Use Core Bits Page 21</b>				
SDS Plus Adapter			RA-030-030	<b>NEW</b>

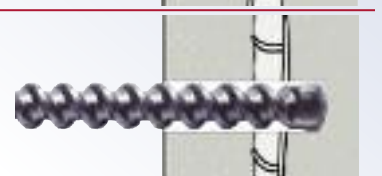
1. Drill with regular rotary hammer drill bit until rebar is encountered. Stop drilling. Remove drill bit. **DO NOT CLEAN HOLE.**



2. For drilling through rebar insert Rebar-Cutter into rotary hammer. Use **rotary hammer** mode. When finished remove Rebar-Cutter.



3. Continue drilling with regular rotary hammer drill bit.



The use of Rebar Cutter in SDS-Max or Spline hammers voids all warranties.



# CORE BIT

## One-Piece

Description	Useable Length	Total Length	Spline Part #	SDS-Max Part #
1-3/4" x 3" x 12"	CB-100-175	CB-300-175		
1-3/4" x 3" x 22"	CB-105-175	CB-305-175		
2" x 3" x 12"	CB-110-200	CB-310-200		
2" x 3" x 22"	CB-115-200	CB-315-200		
2-1/2" x 3" x 12"	CB-120-250	CB-320-250		
2-1/2" x 3" x 22"	CB-125-250	CB-325-250		
3" x 3" x 12"	CB-130-300	CB-330-300		
3" x 3" x 22"	CB-135-300	CB-335-300		
3-1/2" x 3" x 12"	CB-140-350	CB-340-350		
3-1/2" x 3" x 22"	CB-145-350	CB-345-350		
4" x 3" x 12"	CB-150-400	CB-350-400		
4" x 3" x 22"	CB-155-400	CB-355-400		
4-1/2" x 3" x 22"	CB-165-450	CB-365-450		
5" x 3" x 22"	CB-175-500	CB-375-500		
6" x 3" x 22"	CB-185-600	CB-385-600		
Replacement Pilot Bit	CB-985-900	CB-985-900		

### NEW CORE BIT DESIGN

Radical new design. Enhanced for increased carbide embodiment. Reduced body to drilling diameter decreases hole wall friction. Unique new carbide composition and tip shape. Sturdy high grade chrome molybdenum steel body. This new core bit design will maximize drilling speed and tool life up to 30% over other systems.

The alternating pointed chisel carbide teeth and the spade carbide teeth are designed to optimize and enhance each other during the drilling operation. The chisel tips score and break up the materials as well as stabilize the core bits' working characteristics. The spade tips further break and remove the materials. Even allows for drilling reinforced concrete. Use Rebar-Cutter for smaller diameters. See page 7 for details.





# SDS-PLUS DRILL BITS

AEG	B & D	BOSCH	DEWALT	HILTI	HITACHI	KANGO	MAKITA	MILWAUKEE	METABO	RAMSET
APH14, PH210	5009, 5013	11207, 11210	514K, 523K	TE 1, 2, 5, 6, 7	DH22	200, 285	BRH240	5302, 5303	6010, 6011	425
PHE16, PHE19	5014, 5016	11211, 11212	540K, 557K	TE 10,12, 14	DH24	327, 422	HR160, 1821	5312, 5320	6015, 6018	
PHE20, PHE24	5053, 5054	11213, 11215	562K, 563K	TE 15, 16	DH25	426, 430D	HR1830	5324, 5359	6020, 6021	<b>REDHEAD</b>
PHE26	5056, 5057	11221, 11222	565K, 566K	TE 17, 18	H30PV		HR2000, 2010,	5360, 5362	6024, 6026	555, 715
	005K-2	11224, 11225	567K, 568K	TE 24, 25	VR16		HR2400, 2410	5363, 5365	6028	
		11228, 11234	570K, DC232KL	TE/GP22	VRT22		HR2420, 2431	5366, 5368	BHA18, BHE22	<b>RYOBI</b>
		11236, 11239	DW999K	<b>FEIN</b>		<b>PANASONIC</b>	HR2432, 2450	5369, 5383	BHE24, BHE6015	ED160
		11250, 11253	25101, 25103	642		EY6803	HR2455	V28	KHE24, KHE28	ED211
		11255, 11524	25201, 25203	6372		EY6813	HR2511	<b>PORTER CABLE</b>	KHE32	
			25303, 25304				HR3000C	639	UHE22, UHE28	

## SDS-PLUS HIT-PACK

The most commonly used SDS-Plus drill bits conveniently bulk-packed. For the Pro that has to drill many holes of one size. Hit-Packs offer easy handling of drill bits without all the packaging. Hit-Packs can be closed for secure storage.

## HITPACK SDS-Plus

BULK PACK NOT INDIVIDUALLY PACKAGED

DESCRIPTION DIAM. X LENGTH	PART NUMBER	BULK PACK		
5/32 x 6	AD-008-101	12		
3/16 x 4-1/2	AD-012-104	12		
3/16 x 6-1/4	AD-016-215	12		
1/4 x 4-1/2	AD-048-105	12		
1/4 x 6-1/4	AD-052-106	12		
1/4 x 8-1/2	AD-056-218	12		
5/16 x 6-1/4	AD-062-107	6		
3/8 x 6-1/4	AD-080-109	6		
1/2 x 6-1/2	AD-124-114	6		
1/2 x 10	AD-128-115	6		
5/8 x 6-1/2	AD-156-119	3		

SOLD IN QUANTITIES AS INDICATED ONLY!

## PRO-PACK SDS-PLUS DRILL BITS

Most popular SDS-Plus drill bits in a convenient pack. Attractively priced.



## SDS-PLUS MULTI-PACKS

DESCRIPTION DIAM. X LENGTH	5 PC. AD-901-005	7 PC. AD-901-007		
3/16 x 4-1/2	-	1		
3/16 x 6-1/4	1	1		
1/4 x 4-1/2	-	2		
1/4 x 6-1/4	1	1		
5/16 x 6-1/4	1	-		
3/8 x 6-1/4	1	1		
1/2 x 6-1/2	1	1		

## SDS-PLUS METRIC

DIAM.	USEABLE LENGTH	X	TOTAL LENGTH	PART NUMBER		
5 mm	x 100	x	160	MD-005-160		
6 mm	x 100	x	160	MD-006-160		
8 mm	x 100	x	160	MD-008-160		
10 mm	x 100	x	160	MD-010-160		
10 mm	x 150	x	210	MD-010-210		
12mm	x 100	x	160	MD-012-160		
12mm	x 150	x	200	MD-012-200		
14mm	x 150	x	200	MD-014-200		
14mm	x 200	x	250	MD-014-250		
15mm	x 200	x	250	MD-015-250		
16mm	x 200	x	250	MD-016-250		
18mm	x 200	x	250	MD-018-250		
18mm	x 250	x	300	MD-018-300		
20mm	x 250	x	300	MD-020-300		
24mm	x 200	x	250	MD-024-250		
28mm	x 200	x	250	MD-028-250		

## METRIC SIZES SDS-PLUS DRILL BITS

In today's changing world many metric anchors have entered the marketplace. To provide the proper metric anchor hole requirement according to ISO standards, DRILTEC offers a new range of metric SDS-Plus drill bits to meet these needs.



# SDS-PLUS DRILL BITS

## FEATURES & BENEFITS

**Sharper cutting edges**, with **two center points** for faster and more accurate drilling.

Unique **concave carbide tip**

design, accelerates drilling speed, reduces wear and supports dust removal.



**More carbide** on both principle cutting edges for superior durability.

A single **wide spiral flute**

reinforces the core of the drill bit, maximizing the power transferred to the carbide tip.



The **smaller spiral flute** allows for the retention of the two wide channels for faster dust removal and reduced spiral flute wear.



The all **new** special **bead blast technology** ensures a stronger and highly flexible surface with increased performance and reduced risk of bit breakage.



DIAM.	X	USEABLE LENGTH	X	TOTAL LENGTH	SINGLE CUTTER BIONIC®	Multi-Cutter
5/32	x	2	x	4-1/4	AD-400-219*	-
5/32	x	4	x	6-1/2	AD-405-220*	-
3/16	x	2	x	4-1/2	AD-410-104	-
3/16	x	4	x	6-1/4	AD-415-215	-
3/16	x	7	x	9-1/2	AD-420-221	-
3/16	x	9	x	11-1/2	AD-425-216	-
3/16	x	13	x	16	AD-430-260	-
7/32	x	4	x	6-1/4	AD-435-236	-
7/32	x	7	x	9-1/2	AD-440-237	-
7/32	x	9	x	11-1/2	AD-445-238	-
7/32	x	13	x	16	AD-450-265	-
1/4	x	2	x	4-1/2	AD-455-105	-
1/4	x	4	x	6-1/4	AD-460-106	-
1/4	x	6	x	8-1/2	AD-465-218	-
1/4	x	9	x	11-1/2	AD-470-183	-
1/4	x	13	x	16	AD-475-270	-
5/16	x	4	x	6-1/4	AD-480-107	-
5/16	x	6	x	8-1/2	AD-485-108	-
5/16	x	10	x	12-1/2	AD-490-222	-
3/8	x	4	x	6-1/4	AD-495-109	-
3/8	x	8	x	10-1/2	AD-500-110	-
3/8	x	10	x	12-1/2	AD-505-111	-
3/8	x	15-1/2	x	18	AD-510-112	-
3/8	x	19-1/2	x	22	AD-515-239	-
7/16	x	4	x	6-1/4	AD-520-113	-
7/16	x	10	x	12	AD-525-223	-
1/2	x	4	x	6-1/2	AD-530-114	-
1/2	x	8	x	10	AD-535-115	-
1/2	x	10	x	12	AD-540-116	-
1/2	x	15-1/2	x	18	AD-545-117	-
1/2	x	21-1/2	x	24	AD-550-240	-
9/16	x	4	x	6-1/2	AD-555-118	-
9/16	x	10	x	12-1/2	AD-560-228	-
9/16	x	15-1/2	x	18	AD-565-229	-
5/8	x	4	x	6-1/2	AD-570-119	-
5/8	x	7	x	9-1/2	AD-575-120	AD-580-320
5/8	x	10	x	12	AD-585-121	AD-590-325
5/8	x	15-1/2	x	18	AD-595-122	AD-600-330
5/8	x	21-1/2	x	24	AD-605-241	-
11/16	x	7	x	9-1/2	AD-610-123	-
11/16	x	10	x	12	AD-615-230	AD-620-345
3/4	x	7	x	9-1/2	AD-625-124	AD-630-350
3/4	x	10	x	12	AD-635-125	AD-640-355
3/4	x	15-1/2	x	18	AD-645-126	AD-650-360
7/8	x	7	x	9-1/2	AD-655-128	AD-660-365
7/8	x	10	x	12	AD-665-129	-
7/8	x	15-1/2	x	18	AD-670-130	AD-675-375
1"	x	7	x	10	AD-680-184	AD-685-380
1"	x	15-1/2	x	18	AD-690-185	AD-695-385
1-1/8	x	7-1/2	x	10	AD-700-250*	AD-705-390
1-1/8	x	15-1/2	x	18	AD-710-255*	-

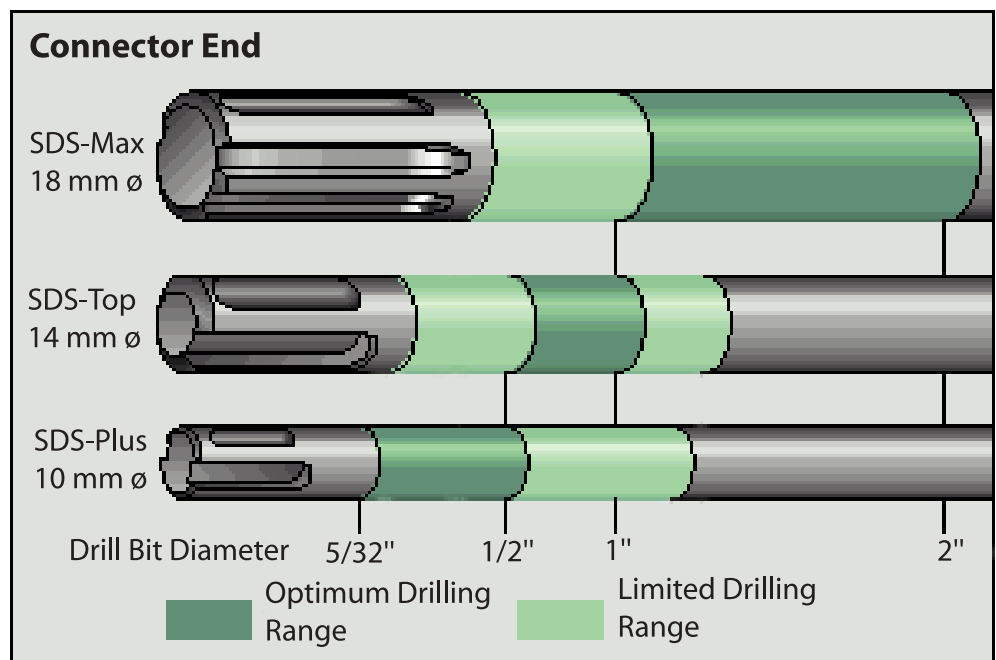


# SDS-TOP



*The new striking force from DRILTEC for the emerging **SDS-Top** mid range rotary hammers...*

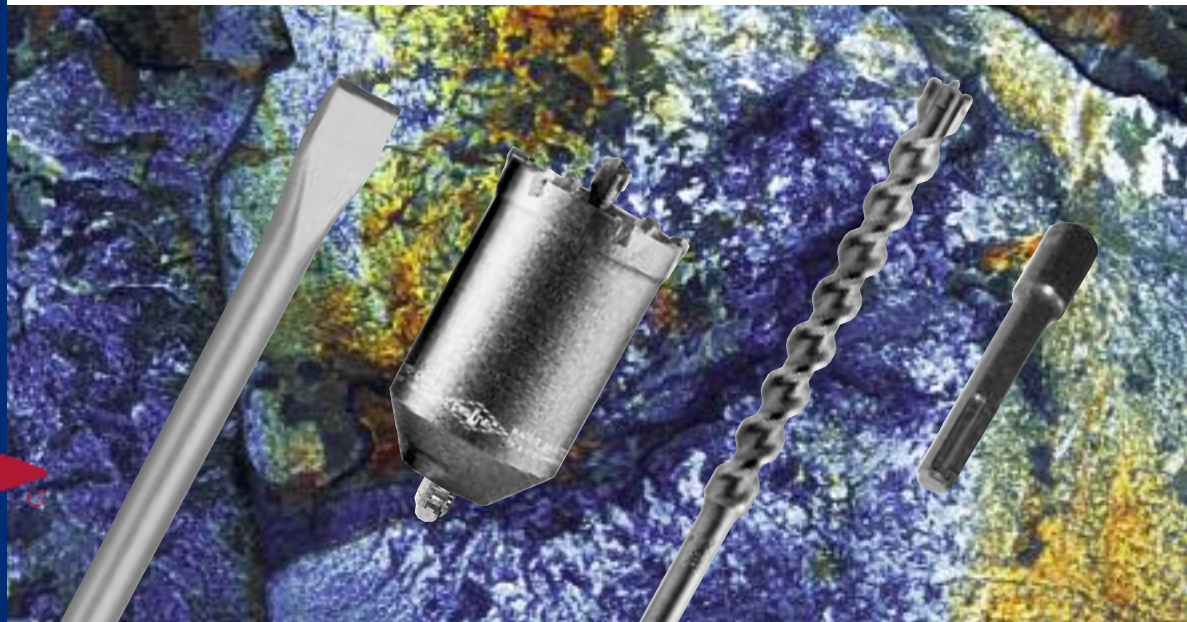
SDS-Plus hammers with the ideal drilling range of 5/32" to 1/2" in diameter and SDS-Max hammers with the ideal drilling range of 1" to 2" diameter leave a gap from 1/2" to 1". The new SDS-Top hammer generation fills this void...



DRILTEC offers a complete range of drill bits, chisels, core bits and adapters for this new rotary hammer generation.



**DRILTEC**



HILTI
TE35, TE46



Bit Diameter	Useable Length	Total Length	BIT STYLE	PART NUMBER
1/4"	x 4"	x 8"	BIONIC®-TWINMAX	DT-011-011
1/4"	x 8"	x 12"	BIONIC®-TWINMAX	DT-015-015
5/16"	x 4"	x 8"	BIONIC®-TWINMAX	DT-019-019
5/16"	x 8"	x 12"	BIONIC®-TWINMAX	DT-023-023
3/8"	x 4"	x 8"	BIONIC®-TWINMAX	DT-027-027
3/8"	x 8"	x 12"	BIONIC®-TWINMAX	DT-031-031
3/8"	x 16"	x 20"	BIONIC®-TWINMAX	DT-035-035
7/16"	x 8"	x 12"	BIONIC®-TWINMAX	DT-038-038
1/2"	x 4"	x 8"	BIONIC®-TWINMAX	DT-045-045
1/2"	x 8"	x 12"	BIONIC®-TWINMAX	DT-049-049
1/2"	x 16"	x 20"	BIONIC®-TWINMAX	DT-053-053
1/2"	x 20"	x 24"	BIONIC®-TWINMAX	DT-057-057
9/16"	x 8"	x 12"	BIONIC®-TWINMAX	DT-063-063
9/16"	x 16"	x 20"	BIONIC®-TWINMAX	DT-066-066
5/8"	x 4"	x 8"	JET-HEAD®	DT-070-070
5/8"	x 8"	x 12"	JET-HEAD®	DT-075-075
5/8"	x 16"	x 20"	JET-HEAD®	DT-079-079
11/16"	x 16"	x 20"	JET-HEAD®	DT-086-086
3/4"	x 8"	x 12"	JET-HEAD®	DT-090-090
3/4"	x 16"	x 20"	JET-HEAD®	DT-094-094
7/8"	x 8"	x 12"	JET-HEAD®	DT-104-104
7/8"	x 16"	x 20"	JET-HEAD®	DT-108-108
1"	x 8"	x 12"	JET-HEAD®	DT-118-118
1"	x 16"	x 20"	JET-HEAD®	DT-122-122
1-1/8"	x 12"	x 16"	JET-HEAD®	DT-132-132
1-1/8"	x 18"	x 23"	JET-HEAD®	DT-136-136
1-1/4"	x 12"	x 16"	JET-HEAD®	DT-145-145
1-1/4"	x 18"	x 22"	JET-HEAD®	DT-149-149



For Core Bits turn to page 21.  
For Chisels turn to page 28.  
For Ratio turn to pages 18 through 22.



# BIONIC® Carbide Tipped Drill Bits

with TWINMAX spiral flute

## FEATURES & BENEFITS

**Sharper cutting edges**, with **two center points** for faster and more accurate drilling.



Unique **concave carbide tip** design, accelerates drilling speed, reduces wear and supports dust removal.

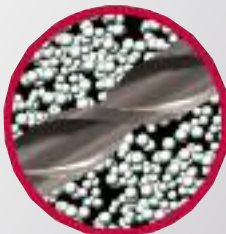
**More carbide** on both principle cutting edges for superior durability.

A single **wide spiral flute** reinforces the core of the drill bit, maximizing the power transferred to the carbide tip.



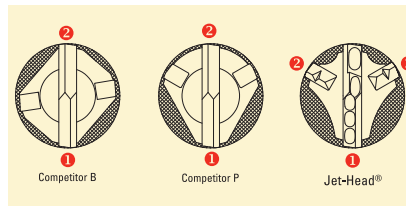
The **smaller spiral flute** allows for the retention of the two wide channels for faster dust removal and reduced spiral flute wear.

The all **new special bead blast technology** ensures a stronger and highly flexible surface with increased performance and reduced risk of bit breakage.



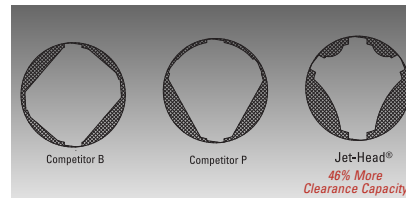
# SDS-MAX Drill Bits Jet-Head® Features

## Clean Round Holes!



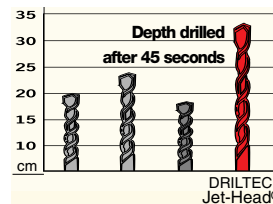
Unlike other "Multi-Cutter" drill bits which are basically 2-Cutters, Jet-Head® drill bits will drill true round holes. The 3-dimensional cutting edges of the main Bionic® tip together with 2 strong side cutter tips enable to drill smooth round holes.

## 46% More Clearance Space!



The innovative configuration of the Jet-Head® ensures greater dust extraction capacity than the other Multi-Cutters. A particular advantage: the drill no longer jams even during deep hole drilling in concrete.

## Up to 30% More Power!



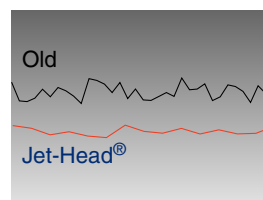
Because of its tremendous dust clearance factor, the Jet-Head® can complete even the hardest jobs in lightning speed. In just 45 seconds it can drill almost 33 cm deep in concrete. The table shows that the new Jet-Head® delivers up to 30% more cutting power than the traditional multi cutter bits!

## Considerably More Holes!



Clearly less friction, minimal wear of the cutter and greatly reduced noise and vibration ensure noticeably longer life. A Jet-Head® achieves up to 27% more holes – that means more holes, less cost!

## Less Noise = More Comfort!



The perfect tip configuration of the Jet-Head® makes up to 32% less noise and vibration compared to the old X-cutting-head! Jet-Head®, the new generation of SDS-Max, Spline, SDS-Plus and SDS-Top guarantees more comfortable working and lightens the load for man and machine!



# SDS-MAX DRILL BITS



B & D	BOSCH	DEWALT	HILTI	HITACHI	MAKITA	METABO	MILWALKEE	WACKER
5097	11214EVS, 11216	541K	TE-F 52, 60	DH40MA	HR4000C	6045	5313	EHB-7SM
5099	11223, 11227	545K	TE-F 72, 92	DH40MB	HR4001C		5308	EHB11BLM
	11230, 11231	2570K	TE-Y 54, 55, 56	DH50MB	HR4010C	KANGO 840M	5314	
	11235, 11240	25600K	TE-Y 74, 75, 76	DH40MR	HR4500C		5315	
	11241, 11245 11263			H60HR	HR5001C		5342	
							5346	



## BIONIC®

- Unique concave carbide tip design, accelerates drilling speed, reduces wear and supports dust removal.
- Most rigid joints through copper-silver brazing. Carbide is totally embedded in both sides of the steel body. Super tough TWINMAX™ flute. Fastest and most efficient dust removal. Annealed, shot-peened chrome, nickel, molybdenum steel to prevent premature fatigue failures.
- Industrial finish.
- Bit diameters meet ANSI standard.



## JET-HEAD®

- Jet-Head® carbide head for smooth and high performance drilling, with less vibration.
- Center point for easy start up.
- Large relief slots for most efficient dust removal.
- Bits provide for exact round holes.
- Bit diameters meet ANSI standards.



DIAM.	X	USEABLE LENGTH	X	TOTAL LENGTH	SINGLE CUTTER BIONIC®	JET-HEAD®
3/8"	x	7- 1/4	x	13-1/2	SM-015-015	-
1/2"	x	7- 1/4	x	13-1/2	SM-030-030	-
1/2"	x	10- 3/4	x	17	SM-045-045	-
1/2"	x	15-	x	21-1/2	SM-060-060	-
1/2"	x	21- 3/4	x	28	SM-075-075	-
1/2"	x	30-1/2	x	36	SM-075-801	-
9/16"	x	7- 1/4	x	13-1/2	SM-090-090	-
9/16"	x	15-	x	21-1/2	SM-105-105	-
5/8"	x	7- 1/2	x	13-1/2	SM-115-801 *	SM-120-120
5/8"	x	11-	x	17	SM-130-801 *	SM-135-135
5/8"	x	15- 1/4	x	21-1/2	SM-145-801 *	SM-150-150
5/8"	x	22-	x	28	SM-160-801 *	SM-165-165
5/8"	x	30- 1/4	x	36-1/4	SM-175-801 *	SM-180-180
11/16"	x	7- 1/2	x	13-1/2	SM-190-801 *	SM-195-195
11/16"	x	15- 1/4	x	21-1/2	SM-205-801 *	SM-210-210
3/4"	x	7- 1/2	x	13-1/2	SM-220-801 *	SM-225-225
3/4"	x	11-	x	17	SM-235-801 *	SM-240-240
3/4"	x	15- 1/2	x	21-1/2	SM-250-801 *	SM-255-255
3/4"	x	22- 1/4	x	28	SM-265-801 *	SM-270-270
3/4"	x	30- 1/2	x	36-1/4	SM-280-801 *	SM-285-285
7/8"	x	8-	x	13-1/4	SM-355-801 *	SM-360-360
7/8"	x	11- 1/2	x	17	SM-370-801 *	SM-375-375
7/8"	x	15- 3/4	x	21-1/4	SM-385-801 *	SM-390-390
7/8"	x	30- 3/4	x	36	SM-400-801 *	SM-405-405
1"	x	8-	x	13-1/4	SM-415-801 *	SM-420-420
1"	x	11- 1/2	x	17	SM-430-801 *	SM-435-435
1"	x	15- 3/4	x	21- 1/4	SM-445-801 *	SM-450-450
1"	x	30- 3/4	x	36- 1/4	SM-460-801 *	SM-465465
1-1/8"	x	11- 1/2	x	17	SM-490-801 *	SM-495-495
1-1/8"	x	17-	x	22-1/2	SM-505-801 *	SM-510-510
1-1/8"	x	30- 3/4	x	36-1/4	SM-520-801 *	SM-525-525
1-1/4"	x	11- 1/2	x	17	SM-535-801 *	SM-540-540
1-1/4"	x	17-	x	22-1/2	SM-550-801 *	SM-555-555
1-1/4"	x	30- 3/4	x	36-1/4	SM-565-801 *	SM-570-570
1-3/8"	x	11- 1/2	x	17	SM-595-801 *	SM-600-600
1-3/8"	x	17-	x	22-1/2	SM-610-801 *	SM-615-615
1-3/8"	x	30- 3/4	x	36-1/4	SM-625-801 *	SM-630-630
1-1/2"	x	11- 1/2	x	17	SM-685-801 *	SM-690-690
1-1/2"	x	17	x	22-1/2	SM-700-801 *	SM-705-705
1-3/4"	x	17	x	22-1/2	SM-740-801 *	SM-745-745
2"	x	17	x	22-1/2	SM-760-801 *	SM-765-765

\* While Quantities Last

# BIONIC® Carbide Tipped Drill Bits

with TWINMAX spiral flute

## FEATURES & BENEFITS

**Sharper cutting edges**, with **two center points** for faster and more accurate drilling.



Unique **concave carbide tip** design, accelerates drilling speed, reduces wear and supports dust removal.

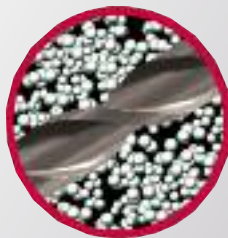
**More carbide** on both principle cutting edges for superior durability.

A single **wide spiral flute** reinforces the core of the drill bit, maximizing the power transferred to the carbide tip.



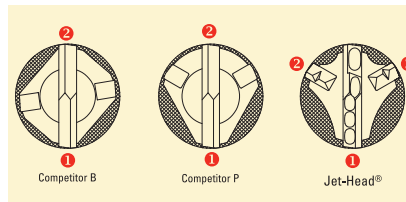
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The all **new special bead blast technology** ensures a stronger and highly flexible surface with increased performance and reduced risk of bit breakage.



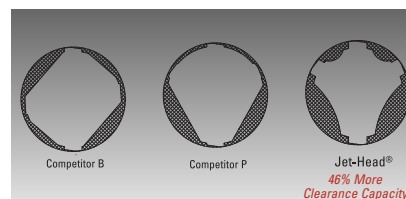
# Spline Shank Drill Bits Jet-Head® Features

## Clean Round Holes!



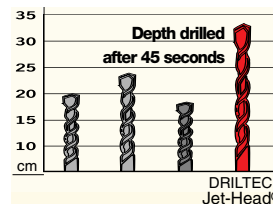
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## 46% More Clearance Space!



The innovative configuration of the Jet-Head® ensures greater dust extraction capacity than the other Multi-Cutters. A particular advantage: the drill no longer jams even during deep hole drilling in concrete.

## Up to 30% More Power!



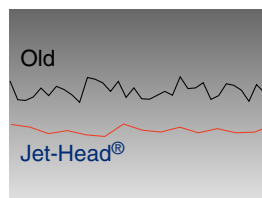
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## Considerably More Holes!



Clearly less friction, minimal wear of the cutter and greatly reduced noise and vibration ensure noticeably longer life. A Jet-Head® achieves up to 27% more holes – that means more holes, less cost!

## Less Noise = More Comfort!



The perfect tip configuration of the Jet-Head® makes up to 32% less noise and vibration compared to the old X-cutting-head! Jet-Head®, the new generation of SDS-Max, Spline, SDS-Plus and SDS-Top guarantees more comfortable working and lightens the load for man and machine!



# SPLINE DRILL BITS

AEG	B & D	BOSCH	DEWALT	HITACHI	KANGO	MAKITA	METABO	MILWAUKEE	RAMSET	RYOBI
PH38	5041, 5042	11202, 11203	530K	DH38YE	430 S, 501 S	HR3851	RH66, RH99	5309, 5311	442, 445	ED382
PHD26	5043, 5044	11204, 11205	531K	DH40FA	637 S, 750S	HR4040C	1129, 1130	5316, 5317	475	ER382
PHD38	5045, 5059	11209, 11214	532K	DH40FB	950S, 978S	HR5000	6030, 6040	5318, 5319	<b>REDHEAD</b>	<b>WACKER</b>
	5093, 5095	11219, 11220	533K	DS5OSB			6046	5321, 5341	747-2	EHB 7
	5096, 5098	11232, 11233						5343, 5344		EHB11BLS
		11244E, 11247 11248							5347, 5348 5352, 5345	



## BIONIC®

- Unique concave carbide tip design, accelerates drilling speed, reduces wear and supports dust removal.
- Most rigid joints through copper-silver brazing. Carbide is totally embedded in both sides of the steel body. Super tough TWINMAX™ flute. Fastest and most efficient dust removal. Annealed, shot-peened chrom, nickel, molybdenum steel to prevent premature fatigue failures.
- Industrial finish.
- Bit diameters meet ANSI standard.



## JET-HEAD®

- Jet-Head® carbide head for smooth and high performance drilling, with less vibration.
- Center point for easy start up.
- Large relief slots for most efficient dust removal.
- Bits provide for exact round holes.
- Bit diameters meet ANSI standards.



DIAM.	X	USEABLE LENGTH	X	TOTAL LENGTH	SINGLE CUTTER BIONIC®	JET-HEAD®
3/8"	x	4	x	10	AE-050-131	-
3/8"	x	7	x	13	AE-055-218	-
1/2"	x	4	x	10	AE-060-132	-
1/2"	x	7	x	13	AE-065-219	-
1/2"	x	9-1/2	x	16	AE-070-133	-
1/2"	x	15-1/2	x	22	AE-075-217	-
1/2"	x	20-1/2	x	27	AE-080-134	-
1/2"	x	30	x	36	AE-085-301	-
9/16"	x	7	x	13	AE-090-220	-
9/16"	x	15-1/2	x	22	AE-095-221	-
5/8"	x	4	x	10	AE-300-301	AE-305-136
5/8"	x	7	x	13	AE-310-301	AE-315-222
5/8"	x	9-1/2	x	16	AE-320-301	AE-325-137
5/8"	x	15-1/2	x	22	AE-330-301	AE-335-212
5/8"	x	20-1/2	x	27	AE-340-301	AE-345-138
5/8"	x	30	x	36	AE-350-301	AE-355-228
11/16"	x	9-1/2	x	16	AE-360-301	AE-365-139
3/4"	x	4	x	10	AE-370-301	AE-375-180
3/4"	x	7	x	13	AE-380-301	AE-385-223
3/4"	x	9-1/2	x	16	AE-390-301	AE-395-140
3/4"	x	15-1/2	x	22	AE-400-301	AE-405-141
3/4"	x	20-1/2	x	27	AE-410-301	AE-415-142
3/4"	x	30	x	36	AE-420-301	AE-425-229
7/8"	x	4	x	10	AE-430-301 *	AE-435-213 *
7/8"	x	7	x	13	AE-440-301	AE-445-225
7/8"	x	9-1/2	x	16	AE-450-301	AE-455-143
7/8"	x	15-1/2	x	22	AE-460-301	AE-465-144
7/8"	x	30	x	36	AE-470-301	AE-475-230
1"	x	4	x	10	AE-480-301 *	AE-485-214 *
1"	x	7	x	13	AE-490-301	AE-495-226
1"	x	9-1/2	x	16	AE-500-301	AE-505-145
1"	x	15-1/2	x	22	AE-510-301	AE-515-146
1"	x	30	x	36	AE-520-301	AE-525-231
1-1/8"	x	9-1/2	x	16	AE-530-301	AE-535-147
1-1/8"	x	15-1/2	x	22	AE-540-301	AE-545-148
1-1/8"	x	30	x	36	AE-550-301 *	AE-551-302
1-1/4"	x	9-1/2	x	16	AE-555-301	AE-560-149
1-1/4"	x	15-1/2	x	22	AE-565-301	AE-570-150
1-1/4"	x	30	x	36	AE-575-301	AE-580-232
1-3/8"	x	9-1/2	x	16	AE-585-301	AE-590-151
1-3/8"	x	15-1/2	x	22	AE-595-301	AE-600-152
1-3/8"	x	30	x	36	AE-605-301 *	AE-610-233
1-1/2"	x	9-1/2	x	16	AE-615-301	AE-620-227
1-1/2"	x	15-1/2	x	22	AE-625-301	AE-630-153
1-3/4"	x	17	x	22-1/2	AE-655-301	AE-660-245
2"	x	17	x	22-1/2	AE-675-301	AE-680-265

\*While Quantities Last



# A-TAPER

## A-TAPER BITS

DIAM.	X	USEABLE LENGTH	X	TOTAL LENGTH	PART NUMBER
3/16"	x	1-3/4	x	3-1/2	AB-051-051 ★
1/4"	x	2-1/2	x	4	AB-052-052 ★
1/4	x	4	x	6	AB-053-053
5/16	x	4	x	6	AB-055-055 ★
3/8	x	4	x	6	AB-056-056 ★
3/8	x	6	x	8	AB-057-057
3/8	x	10	x	12	AB-058-058 ★
3/8	x	14	x	16	AB-059-059
1/2	x	4	x	6	AB-061-061 ★
1/2	x	6-1/2	x	8-1/2	AB-062-062
1/2	x	10	x	12	AB-063-063 ★
1/2	x	14	x	16	AB-064-064 ★
5/8	x	4	x	6	AB-066-066 ★
5/8	x	6-1/2	x	8-1/2	AB-067-067
5/8	x	10	x	12	AB-068-068 ★
5/8	x	14	x	16	AB-069-069 ★
3/4	x	6-1/2	x	8-1/2	AB-071-071 ★
3/4	x	10	x	12	AB-072-072 ★
3/4	x	14	x	16	AB-073-073 ★
7/8	x	7-1/2	x	9-1/2	AB-075-075 ★

★ While Quantities Last

## A-TAPER ADAPTERS

(FOR USE WITH A-TAPER BITS)

DESCRIPTION	PART #
SDS-Plus	AH-201-201
SPLINE SHANK	AH-198-198
SDS-Max	AH-199-199
DRIFT KEY (ROUND)	AH-211-211

## SNAP LOCK ADAPTERS

(FOR USE WITH SDS-Plus BITS)

DESCRIPTION	PART #
SPLINE SHANK	AH-222-222
SDS-Top	AH-222-225
SDS-Max	AH-230-230
WACKER HEX	AH-245-245

## LARGE SNAP LOCK ADAPTERS

(FOR USE WITH SPLINE OR MAX BITS)

DESCRIPTION	PART #
SPLINE to SDS-MAX BITS	AH-223-223
SDS-MAX to SPLINE BITS	AH-231-231

- Special tungsten carbide tips with 130° tip angles. To take on hardest hitting rotary hammers. To wear down toughest aggregate.
- Most rigid joints through copper-silver brazing. Carbide is totally embedded in both sides of the steel body.
- Patented super-U double flute and super tough double coil flute on larger diameter bits 3/4" up. Fastest and most efficient dust removal.
- Annealed, shop-peened chrom, nickel, molybdenum steel to prevent premature fatigue failures.
- Industrial finish.
- Bit diameters meet ANSI standards.



### NEW LARGE SNAP LOCK ADAPTER

A great new addition to our Adapter accessories. The sturdy design and tight fitting tolerances allow for use in the hardest hitting hammers. Please note: You can also use old style "TE" bits in large large Spline Shank Snap Lock Adapter.





# Straight Shank Drill Bits



## HEAVY DUTY STRAIGHT SHANK

DIAM. x TOTAL LENGTH	SHANK	PART NUMBER
1/8 x 2-1/2	1/8"	AS-003-003
1/8 x 6	1/8"	AS-003-009
5/32 x 6	5/32"	AS-004-009
3/16 x 3-1/2	3/16"	AS-006-006
3/16 x 6	3/16"	AS-009-009
7/32 x 6	7/32"	AS-011-015 <b>NEW</b>
1/4 x 4	1/4"	AS-012-012
1/4 x 6	1/4"	AS-015-015
1/4 x 13	1/4"	AS-018-018
1/4 x 18	1/4"	AS-019-019
5/16 x 4	5/16"	AS-021-021
5/16 x 6	5/16"	AS-024-024
5/16 x 13	5/16"	AS-027-027
3/8 x 6	3/8"	AS-030-030
3/8 x 13	3/8"	AS-033-033
3/8 x 18	3/8"	AS-036-036
3/8 x 24	3/8"	AS-039-039
1/2 x 6	3/8"	AS-042-042
1/2 x 13	3/8"	AS-045-045
1/2 x 18	3/8"	AS-048-048
1/2 x 24	3/8"	AS-051-051
9/16 x 6	3/8"	AS-052-052
5/8 x 6	3/8"	AS-054-054
5/8 x 8	3/8"	AS-056-056
5/8 x 13	3/8"	AS-057-057
5/8 x 18	3/8"	AS-058-058
3/4 x 6	1/2"	AS-060-060
3/4 x 13	1/2"	AS-063-063
7/8 x 6	1/2"	AS-066-066
7/8 x 13	1/2"	AS-069-069
1" x 6"	1/2"	AS-072-072
1" x 13"	1/2"	AS-075-075

## METRIC STRAIGHT SHANK

DIAM. X TOTAL LENGTH (in mm)	SHANK (in mm)	PART NUMBER
4 x 85	4	MA-004-085
5 x 85	5	MA-005-085
5 x 150	5	MA-005-150
6 x 100	5	MA-006-100
6 x 150	5	MA-006-150
8 x 150	8	MA-008-150
8 x 200	8	MA-008-200
10 x 200	10	MA-010-200
12 x 150	10	MA-012-150
14 x 200	10	MA-014-200

- Special tungsten carbide tips with negative tip angle to prevent chipping of carbide even in the hardest aggregates.
- Copper-silver brazed joints for ultimate embedment of carbide tip.
- Spiral flute for superior dust removal.
- Industrial finish.
- Bit diameters meet ANSI standards.



# NEW RATIO BIT SYSTEM



RATIO DRILL BIT



JET-HEAD® RATIO DRILL BIT



CORE BIT WITH PILOT



11" EXTENSION



PILOT



REBAR-CUTTER



RATIO CRUCIFORM DRILL HEAD



18" EXTENSION



18" EXTENSION FOR SPIRAL FLUTE



SPIRAL FLUTE FOR RATIO CRUCIFORM

# ROTARY HAMMER TUNE UP



SDS-PLUS ADAPTER



SDS-TOP ADAPTER



SDS-MAX ADAPTER



SPLINE ADAPTER



KANGO HEX ADAPTER



WACKER HEX ADAPTER

This easy to assemble/disassemble drill bit system combined with unmatched lifetime, durability and flexibility provides for the most economical large bit system in the market today.

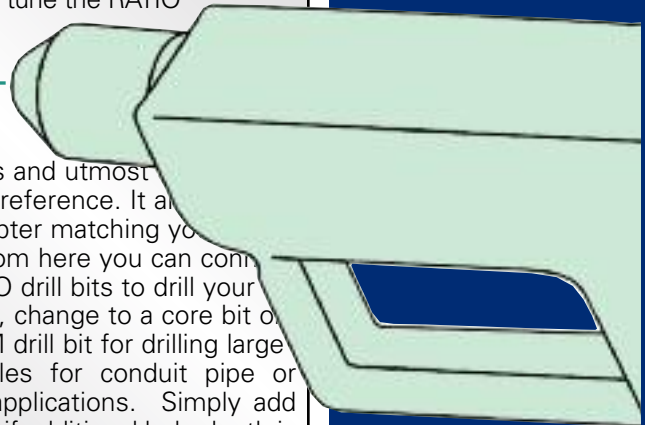
Now we provide the RATIO system with additional flexibility having added RATIO drill bits including the popular JET-HEAD® design for increased operator convenience and superior drilling performance. Furthermore, new adapters to accommodate nearly every rotary hammer in the market today have been added, including the SDS-Top adapter for this all new emerging mid range rotary hammer generation.

You can fine tune the RATIO bit system to virtually

all your application requirements and utmost operational preference. It all starts with the adapter matching your rotary hammer. From here you can continue with regular RATIO drill bits to drill your anchor holes, change to a core bit or CRUCIFORM drill bit for drilling large diameter holes for conduit pipe or fence post applications. Simply add an extension if additional hole depth is required.

Nothing beats the RATIO drill bit system when it comes to performance, system flexibility and economic efficiency.

PLEASE NOTE: The RATIO systems virtually allows for unlimited size/length connectivity and combinations, we advise to consult your rotary hammer manual for applicable guidelines regarding recommended usage specifications. Do not overload your rotary hammer. It may cause reduced performance or premature tool and/or machine wear.





# RATIO DRILL BITS

## ANSI RATIO DRILL BITS

Bit Diameter	x	Useable Length	x	Total Length	BIT STYLE	PART NUMBER
1/2"	x	7	x	9	S.C. / D.F.	RB-045-045
9/16"	x	7	x	9	S.C. / D.F.	RB-062-062
5/8"	x	10	x	13	Jet-Head®	RB-075-075
5/8"	x	16	x	19	Jet-Head®	RB-079-079
11/16"	x	10	x	13	Jet-Head®	RB-084-084
3/4"	x	10	x	13	Jet-Head®	RB-090-090
3/4"	x	16	x	19	Jet-Head®	RB-094-094
7/8"	x	10	x	13	Jet-Head®	RB-104-104
1"	x	10	x	13	Jet-Head®	RB-118-118
1"	x	16	x	19	Jet-Head®	RB-122-122
1-1/8"	x	16	x	20	Jet-Head®	RB-133-133
1-1/4"	x	16	x	20	Jet-Head®	RB-146-146
1-3/8"	x	16	x	20	Jet-Head®	RB-153-153
1-1/2"	x	16	x	20	Jet-Head®	RB-166-166

*Ratio drill bits available while quantities last!*

## METRIC RATIO DRILL BITS

Bit Diameter	x	Useable Length	x	Total Length	BIT STYLE	PART NUMBER
12mm	x	180mm	x	230mm	S.C. / D.F.	RM-045-045
14mm	x	180mm	x	230mm	S.C. / D.F.	RM-062-062
16mm	x	250mm	x	325mm	Jet-Head®	RM-075-075
16mm	x	410mm	x	475mm	Jet-Head®	RM-079-079
18mm	x	250mm	x	325mm	Jet-Head®	RM-084-084
20mm	x	250mm	x	325mm	Jet-Head®	RM-090-090
20mm	x	410mm	x	475mm	Jet-Head®	RM-094-094
22mm	x	250mm	x	325mm	Jet-Head®	RM-104-104
25mm	x	250mm	x	325mm	Jet-Head®	RM-118-118
25mm	x	410mm	x	475mm	Jet-Head®	RM-122-122
30mm	x	410mm	x	510mm	Jet-Head®	RM-133-133
35mm	x	410mm	x	510mm	Jet-Head®	RM-153-153

*Ratio drill bits available while quantities last!*

## RATIO ADAPTERS

DESCRIPTION	USEABLE LENGTH	PART #	
SPLINE SHANK	2"	RA-010-010	
SDS-MAX	2"	RA-020-020	
SDS-TOP	2"	RA-025-025	
SDS-PLUS	2"	RA-030-030	
KANGO HEX 760, 810, 850, 900, 950	2"	RA-040-040	*
WACKER HEX	2"	RA-050-050	*

*\* While Quantities Last*

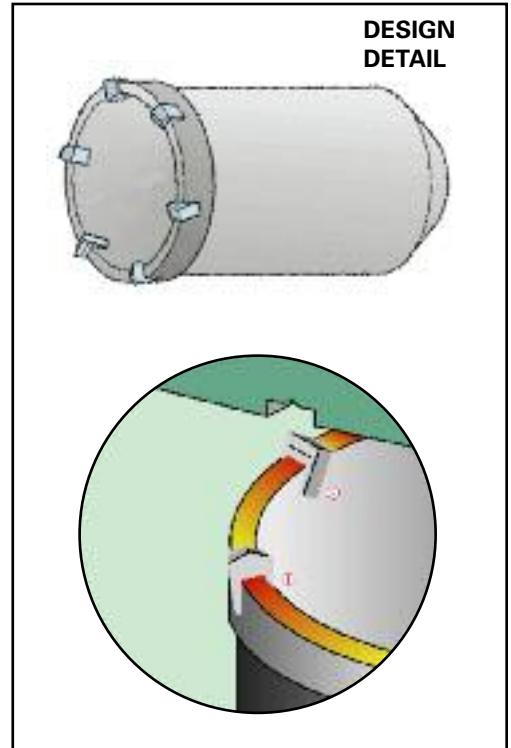




# RATIO CORE BITS



ITEM	DESCRIPTION	DIAMETER X USEABLE LENGTH	PART NUMBER
CORE BITS	(Ratio-Thread)		
	Use with "RA" Adapter and "RP-225-255" Pilot Bit	1-1/2 x 3"	RK-150-150
		2" x 3"	RK-200-200
	For deeper holes use "RE-300-300 & RE-450-450"	2-1/2 x 3"	RK-250-250
		3" x 3"	RK-300-300
	Extension only	3-1/2 x 3"	RK-350-350
	Do NOT use RE-455-455	4" x 3"	RK-400-400
	4-1/2" x 3"	RK-450-450	
	5" x 3"	RK-500-500	
	6" X 3"	RK-600-600	
ADAPTER	(Ratio-Thread)		
	Spline Shank	2"	RA-010-010
	SDS-Max	2"	RA-020-020
	SDS-Top	2"	RA-025-025
	SDS-Plus	2"	RA-030-030
	Kango Hex	2"	RA-040-040 *
Wacker Hex	2"	RA-050-050 *	
EXTENSION	(with Ratio Coupler)		
	11" Extension	11"	RE-300-300
	18" Extension	18"	RE-450-450
PILOT BIT	Ratio Core Bits Only!	1/2 x 6"	RP-255-255
COUPLER	Ratio replacements.	N/A	RT-001-001



\*While Quantities Last

## NEW CORE BIT DESIGN

Radical new design. Enhanced for increased carbide embodiment. Reduced body to drilling diameter decreases hole wall friction. Unique new carbide composition and tip shape. Sturdy high grade chrome molybdenum steel body. This new core bit design will maximize drilling speed and tool life up to 30% over other systems. Integration with the Ratio-System provides for fantastic system flexibility.

The alternating pointed chisel carbide teeth and the spade carbide teeth are designed to optimize and enhance each other during the drilling operation. The chisel tips score and break up the materials as well as stabilize the core bits' working characteristics. The spade tips further break and remove the materials. Even problems associated with drilling re-enforced concrete are greatly reduced with this new bit design.



**RATIO COREBIT**  
(SHOWN WITH PILOT BIT)



**EXTENSION**



**ADAPTER**



# RATIO CRUCIFORM DRILL BITS



**Fully assembled ratio cruciform drill bit with flute.**

ITEM	DESCRIPTION	DIAMETER X USEABLE LENGTH	PART NUMBER
<b>ADAPTER</b> (Ratio-Thread)	Spline Shank	2"	RA-010-010
	SDS-Max	2"	RA-020-020
	SDS-Top	2"	RA-025-025
	Kango Hex	2"	RA-040-040 *
	Wacker Hex	2"	RA-050-050 *
<b>CRUCIFORM DRILL HEAD</b> To be used with:  For deeper holes:  Important:	"RA" Adapter and "RP" Pilot Bits	1-1/2 x 1-1/2	RC-040-040
	use "RE" Extensions and "RF" Spiral Flutes if necessary	1-3/4 x 1-1/2	RC-045-045
		2" x 1-1/2	RC-052-052
		2-5/8 x 1-1/2	RC-065-065
		3-1/8 x 1-1/2	RC-080-080
	RE-455-455 Extension for use with spiral flute only!	3-1/2 x 1-1/2	RC-090-090 †
		4" x 1-1/2	RC-100-100 †
		4-1/2 x 1-1/2	RC-110-110 †
		5" x 1-1/2	RC-125-125 †
	6" x 1-1/2	RC-150-150 †	
			<b>†Not for use with Spiral Flute!</b>
<b>EXTENSIONS</b>	With Ratio Coupler	11" long	RE-300-300
	Use with Drill Head if needed	18" long	RE-450-450
	Use with Spiral Flute only!	18" long	RE-455-455
<b>SPIRAL FLUTE</b>	For use with applicable Cruciform Drill Head Diameter Use with "RE-455-455" Extension only!	1-1/2x16"	RF-140-140
		1-3/4x16"	RF-145-145
		2" x16"	RF-152-152
		2-5/8x16"	RF-165-165
		3-1/8x16"	RF-180-180
<b>PILOT BITS</b>	For use with Cruciform Drill Head, normal use.	5/8x 4-3/4	RP-124-124
	Like above, drilling deep without Flute for guide, also angle drilling	5/8x 6-3/4	RP-174-174
<b>COUPLER</b>	Ratio replacements		RT-001-001

*\* While Quantities Last*



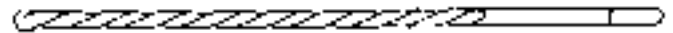


**IDEAL FOR  
DRILLING AND FASTENING  
WITH JUST ONE  
POWER TOOL.**

- Sturdy and complete set of tools for concrete screw installation. Tapcon and others.
- Use Straight Shank bits with drill bit holder for use in drills with Jacobs-Style chucks.
- SDS-Plus bits fit directly into SDS-Plus Rotary Hammers. Sleeve will tightly fit over hex on drill bit.
- Check with screw manufacturers manual for proper screw installation.
- Drill bits are sold seperately.

## INSTALLATION KIT

DESCRIPTION	PART NUMBER
TAPCON KIT (COMPLETE W. BELOW)	TP-001-001
1/4 MAGNETIC DRIVER	TP-003-003
5/16 MAGNETIC DRIVER	TP-006-006
PHILLIPS BIT ADAPTER	TP-009-009
DRILL BIT HOLDER	TP-012-012
SLEEVE	TP-015-015
1/8 HEX KEY	TP-018-018
# 2 PHILLIPS BIT	TP-021-021
# 3 PHILLIPS BIT	TP-024-024
CASE (ONLY)	TP-000-000



## TAPCON STRAIGHT SHANK BITS

DIAM. X TOTAL LENGTH	PART NUMBER	PACK QTY.
5/32 x 3-1/2	TA-010-001	10
5/32 x 4-1/2	TA-020-002	10
5/32 x 5-1/2	TA-030-003	10
3/16 x 3-1/2	TA-040-004	10
3/16 x 4-1/2	TA-050-005	10
3/16 x 5-1/2	TA-060-006	10
3/16 x 6-1/2	TA-070-007	10

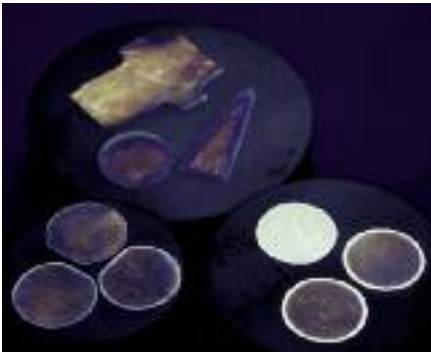


## TAPCON SDS-PLUS HEX BITS

DIAM. x USE/TOTAL LENGTH	PART NUMBER
5/32 x 3 x 6	TS-002-002
5/32 x 4 x 7	TS-003-003
3/16 x 3 x 6	TS-005-005
3/16 x 4 x 7	TS-006-006



## CHISEL ADVANTAGE



*Crosscuts to check hardening depth.*



*Checking for hairline cracks.*

### MEASURABLE CHISEL QUALITY

Finest workmanship combined with the most modern forging technology are put to work in the manufacture of DRILTEC chisels. CNC machines and robot-aided workstations support manufacturing processes.

DRILTEC chisel quality is “produced” with “in-process-quality-assurance” throughout the manufacturing cycle. Raw material and material composition verifications, hardening-, form- and dimensional checks are all part of this “in-process-quality-assurance” program. ISO certification of the manufacturing plant is further evidence of this quality assurance package.



*Hardness Control.*



*Surface Hardness Control.*



*Special tool control for blade hardness.*

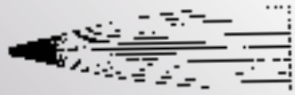


# ELECTRIC HAMMER CHISELS

**SIMPLY THE BEST**

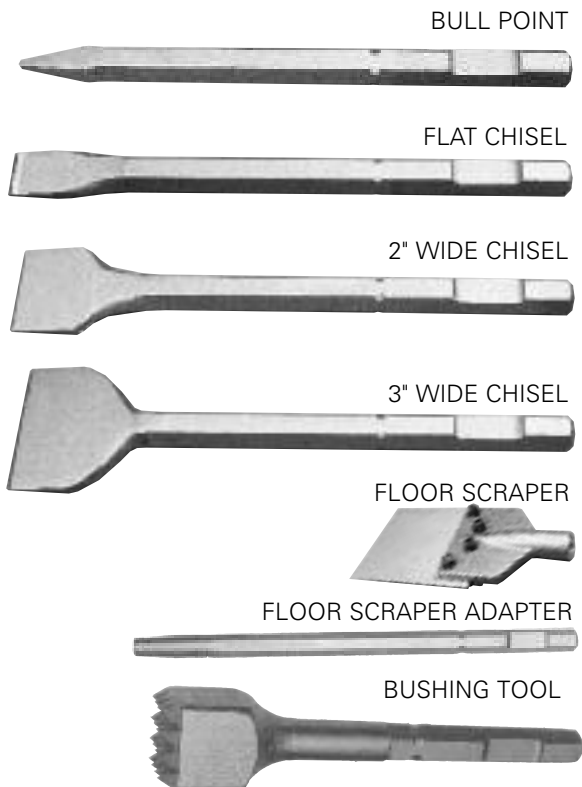
**DRILTEC ELECTRIC HAMMER CHISEL'S SIMPLY THE BEST! HERE'S WHY:**

- Manufactured from highest grade chrome, nickel, molybdenum steel.
- CNC machined tool connectors for tied tool fit. For benefit of tool and increased performance.
- Forged points (no grinding) provide for an even horizontal grain structure, resulting in much longer tool service life.
- Case hardened with shot peened surface treatment to prevent premature fatigue failure.




# HEX CHISELS

BOSCH	DEWALT	HITACHI	MAKITA	MILWAUKEE	WACKER
11301	5021K	H55SC	HM1211B	5335	EH9BL
11302	DW558K			5337	EHB10
11305					
11317					



DESCRIPTION	PART #	
12" BULL POINT	AG-400-400	
12" FLAT	AG-406-406	
2" X 12" WIDE	AG-412-412	
3" X 12" WIDE	AG-418-418	
CLAY SPADE 4" x 5" x 16"	AG-420-420	
FLOOR SCRAPER 6" x 5"	AG-310-340	
FLOOR SCRAPER ADAPTER 14" x 16"	AG-441-441	
BUSHING TOOL	AG-450-450	



# NEW CHISELS

## 1-1/8" x 6" HEX CHISELS

B&D	BOSCH	DEWALT	HITACHI	KANGO	MAKITA	MILWAUKEE	WACKER
5027	BRUTE 11304 11335	D25980K	H65 H85 H90	2500	HM1303B HM1500B HM1800 HM1810	5338	EH27 BH23

MOIL POINT



FLAT CHISEL



FLAT CHISEL



CLAY SPADE



ASPHALT CUTTER



FLOOR SCRAPER



FLOOR SCRAPER ADAPTER



DESCRIPTION	PART #	
20" MOIL POINT	AG-705-705	
20" FLAT CHISEL	AG-715-715	
3" FLAT CHISEL	AG-725-725	
5-1/2" x 6" CLAY SPADE	AG-745-745	
4-1/2" x 5" ASPHALT CUTTER	AG-735-735	
6" x 5" FLOOR SCRAPER	AG-310-340	
FLOOR SCRAPER ADAPTER 14" x 16"	AG-741-741	



# SPLINE CHISELS



AEG	B & D	BOSCH	DEWALT	HITACHI	KANGO	MAKITA	METABO	MILWAUKEE	RAMSET	RYOBI
PH38	5041, 5042	11202, 11203	530K	DH38YE	430 S, 501 S	HM0810B	RH66, RH99	5309, 5316	442, 445	ED382
PHD26	5043, 5044	11204, 11205	531K	DH40FA	637 S, 750 S	HR3851	1129, 1130	5317, 5318	475	ER382
PHD38	5045, 5059	11209, 11214	532K	DH40FB	950S	HR4040C	6030, 6040	5319, 5321	<b>REDHEAD</b>	
	5093, 5095	11219, 11220	533K	DH50SB	978 S	HR5000	6046	5327, 5334	747-2	<b>WACKER</b>
	5096, 5098	11232, 11233	551K	H45FR		HM1242C		5336, 5340		EHB 7S
		11244E, 11247		H45SB				5341, 5343		EHB 11BLS
		11248, 11306		DH65				5344, 5345		
		11307, 11310						5347, 5348		
		11314, 11387						5352, 5353		

BULL POINT



FLAT CHISEL



SCALING CHISEL



SLOTING TOOL



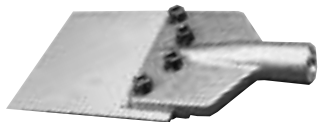
CLAY SPADE



ASPHALT CUTTER



FLOOR SCRAPER



FLOOR SCRAPER ADAPTER



GROUND ROD DRIVER



BUSHING TOOL, ONE PIECE



BUSHING TOOL, CARBIDE



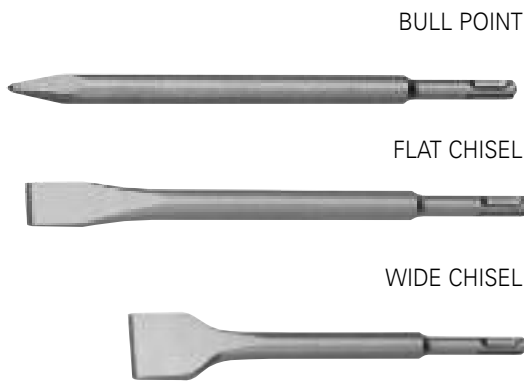
DESCRIPTION	PART #	
<b>BULLPOINT 12"</b>	AG-110-192	
<b>BULLPOINT 16"</b>	AG-115-193	
<b>FLAT CHISEL 12"</b>	AG-120-190	
<b>FLAT CHISEL 16"</b>	AG-125-191	
<b>SCALING CHISEL 2" x 12"</b>	AG-130-195	
<b>SCALING CHISEL 3" x 12"</b>	AG-135-198	
<b>SLOTING TOOL 1-1/2" x 12"</b>	AG-140-209	
<b>CLAY SPADE 4" x 5" x 19"</b>	AG-145-215	
<b>ASPHALT CUTTER 5" x 5" x 19"</b>	AG-150-220	
<b>FLOOR SCRAPER 6" x 5"</b>	AG-310-340	
<b>FLOOR SCRAPER ADAPTER 14" x 16"</b>	AG-165-341	
<b>GROUND ROD DRIVER 5/8" x 10"</b>	AG-155-231	
<b>GROUND ROD DRIVER 3/4" x 10"</b>	AG-160-232	
<b>BUSHING TOOL 1-3/4" x 1-3/4" x 9"</b>	AG-170-350	
<b>BUSHING TOOL CARBIDE</b>	AG-175-351	



# SDS-PLUS CHISEL

AEG	B & D	BOSCH	DEWALT	HILTI	HITACHI	KANGO	MAKITA	MILWAUKEE	METABO	RAMSET
APH14, PH210	5009, 5013	11207, 11210	514K, 523K	TE 6C	DH22	200, 285	HR160, HR1821	5302, 5303	6010, 6018	425
PHE16, PHE19	5014, 5016	11211, 11212	557K, 566K	TE 6S	DH24	327, 422	HR2000, HR2010	5312, 5320	6020, 6024	
PHE20, PHE24	5053, 5054	11213, 11215	567K, 570K	TE 7	DH30PV	426, 430D	HR2400, HR2410	5324, 5359	6026	<b>REDHEAD</b>
PHE26	5056, 5057	11221, 11222	25103, 25201	TE 15C	VR16		HR2420, HR2432	5360, 5363	KHE24	555, 715
		11224, 11228	25203, 25303	TE 16	VRT22		HR2450, HR2455	5369	KHE28	
	<b>FEIN</b>	11236, 11320	25304	TE 24, 25			HR2511	V28	KHE32	<b>RYOBI</b>
	642	11253, 11255		TE 104			HR3000C	<b>PORTER CABLE</b>	UHE22	ED160
	6372						BRH240	639	UHE28	ED211

**PLEASE NOTE: HAMMERS WITH NO ROTATION STOP REQUIRE ADAPTER!**



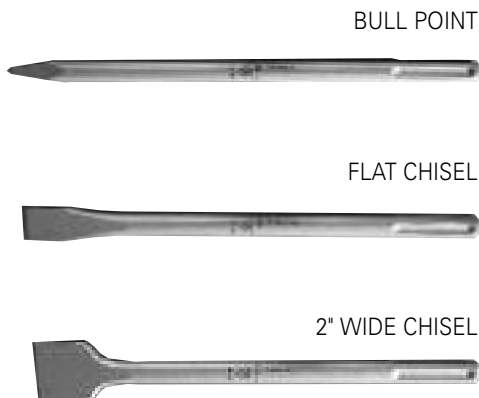
DESCRIPTION	PART #	
<b>BULLPOINT 10"</b>	AG-603-603	
<b>FLAT CHISEL 10"</b>	AG-606-606	
<b>WIDE CHISEL 1-1/2" x 10"</b>	AG-609-609	



# SDS-TOP CHISELS



HILTI
TE35, TE46



DESCRIPTION	PART #	
<b>BULLPOINT 11"</b>	AG-003-003	
<b>FLAT CHISEL 11"</b>	AG-006-006	
<b>WIDE CHISEL 1-1/2" x 10"</b>	AG-009-009	
<b>WIDE CHISEL 2-1/4" x 10"</b>	AG-011-011	



# SDS-MAX CHISEL



B & D	BOSCH	DEWALT	HILTI	HITACHI	MAKITA	METABO	MILWALKEE	WACKER
5097	11214EVS, 11216	541K	TE-F 52, 60	DH40MA	HM1100C	6045	5308	EHB-7SM
5099	11223, 11227	545K	TE-F 72, 92	DH40MB	HM1202C		5313	EHB11BLM
	11230, 11231	25600K	TE-Y 54, 55, 56	DH50MB	HR4000C		5314	EH9BLM
	11235, 11240	25900K	TE-Y 74, 75	H45MA	HR4001C		5315	
	11241, 11245	2570K	TE 76	H60MB	HR4010C		5327	
	11263, 11309		TE-Y 504, 505	DH40HR	HR4500C		5346	
	11311, 11312		TE-Y 704, 705, 706	H45MR	HR5001C		5336	
	11313, 11316			H60MR			5339	
	11318, 11388						5342	

BULL POINT



FLAT CHISEL



SCALING CHISEL



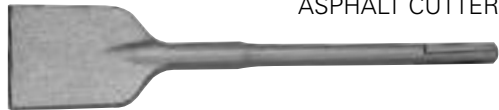
SLOTING TOOL



CLAY SPADE



ASPHALT CUTTER



FLOOR SCRAPER



FLOOR SCRAPER ADAPTER



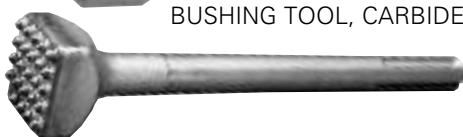
GROUND ROD DRIVER



BUSHING TOOL, ONE PIECE



BUSHING TOOL, CARBIDE

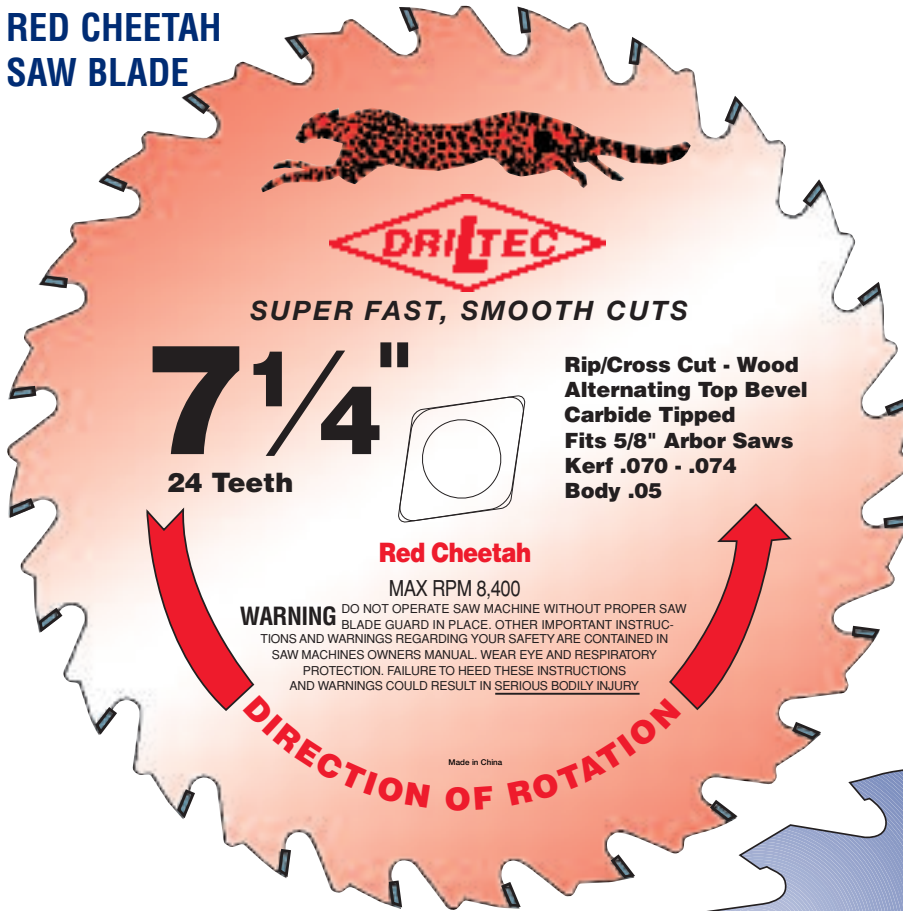


DESCRIPTION	PART #	
<b>BULLPOINT 11"</b>	AG-230-203	
<b>BULLPOINT 16"</b>	AG-235-204	
<b>FLAT CHISEL 11"</b>	AG-240-205	
<b>FLAT CHISEL 16"</b>	AG-245-206	
<b>SCALING CHISEL 2" x 12"</b>	AG-250-210	
<b>SCALING CHISEL 2" x 16"</b>	AG-255-207	
<b>SCALING CHISEL 3" x 12"</b>	AG-260-208	
<b>SLOTING TOOL 1-1/4" x 12"</b>	AG-265-209	
<b>CLAY SPADE 4-1/2" x 5" x 19"</b>	AG-270-215	
<b>ASPHALT CUTTER 5" x 5" x 19"</b>	AG-275-220	
<b>FLOOR SCRAPER 6" x 5"</b>	AG-310-340	
<b>FLOOR SCRAPER ADAPTER 14" x 16"</b>	AG-285-341	
<b>GROUND ROD DRIVER 5/8" x 10"</b>	AG-280-231	
<b>GROUND ROD DRIVER 3/4" x 10"</b>	AG-280-232	
<b>BUSHING TOOL 1-3/4" x 1-3/4" x 9"</b>	AG-290-370	
<b>BUSHING TOOL CARBIDE</b>	AG-290-371	




# TUNGSTEN CARBIDE TIPPED SAW BLADES

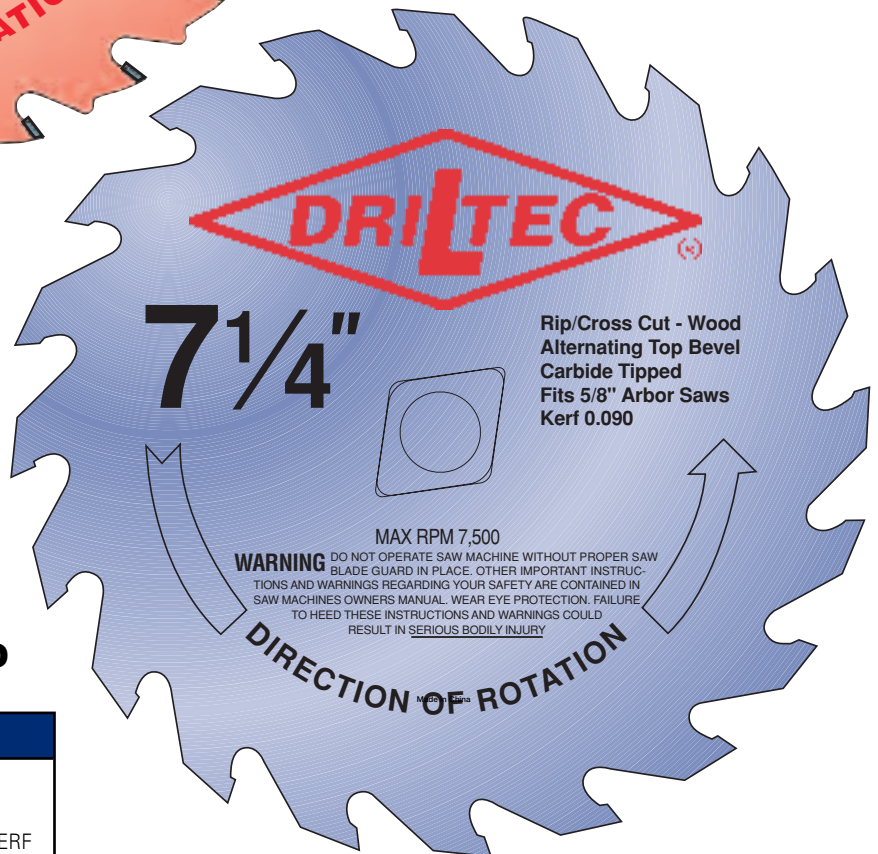
## ULTRA THIN RED CHEETAH SAW BLADE



These fine tungsten carbide tipped saw blades have Roll-Hardened steel body and 0.090 thin kerf. Carbide tipped teeth are alternate top bevel grind. Arbor is 5/8" and have diamond knockout with 7-1/4" blades.



**CAUTION:** Refer to your power tool manual for proper use and installation. Improper use and or installation may result in bodily injury.



## TUNGSTEN CARBIDE TIPPED SAW BLADES

DESCRIPTION DIAM. X TEETH	PART NUMBER	BULK PACK	
7-1/4" x 20	UC-200-720	25	
7-1/4" x 24	UC-210-724	25	
7-1/4" x 24	UC-220-724	25	ULTRA THIN KERF
7-1/4" x 40	UC-230-740	25	



**DRILTEC, INC.**

P. O. BOX 1740  
RIDGELAND, MS 39158  
[www.driltec.com](http://www.driltec.com)  
Catalog #20-2008