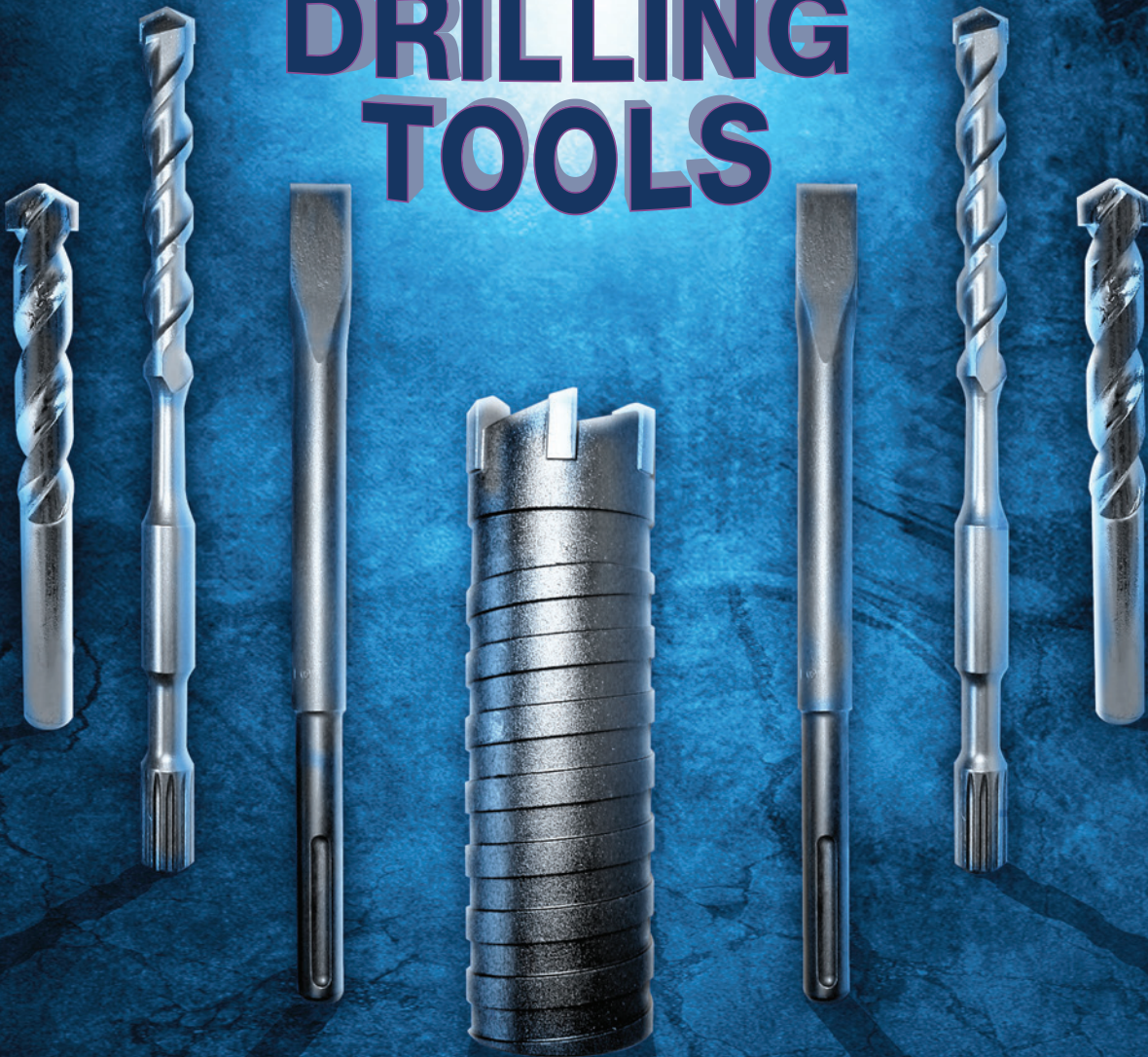


**ICS**  **Cutting Tools, Inc.**

REVISED FEB 2025

# MASONRY DRILLING TOOLS



**ICS CUTTING TOOLS, INC**  
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# CARBIDE TIPPED UNIVERSAL DRILLS

**ICS WIS**

**HEAVY DUTY**

**PERCUSSION DRILL POINT**



Carbide Tipped Universal Drills are designed with a diamond ground special drill point for multi-purpose drilling. It is highly effective for drilling hard metals and alloys, reinforced concrete, stone, tile, ceramics, marble, granite, glass, hard and soft woods, plastics and many other difficult materials. Often used to drill out broken taps and hardened bolts. They are also known as Carbide Tipped Multi-Purpose Drills or Carbide Tipped Utility Drills.

SIZE	SHANK DIA.	OVERALL LENGTH	ITEM NO.	PRICE
1/8	1/8	3	CTUD008	8.00
1/8	1/8	12	CTUD008X12	12.70
5/32	5/32	3-1/8	CTUD010	8.96
3/16	3/16	3-1/2	CTUD012	8.54
3/16	3/16	12	CTUD012X12	13.30
7/32	7/32	3-3/4	CTUD014	8.96
1/4	1/4	4	CTUD016X04	9.06
1/4	1/4	6	CTUD016X06	9.42
1/4	1/4	12	CTUD016X12	15.14
9/32	1/4	4-1/4	CTUD018	10.08
5/16	1/4	4-1/2	CTUD020	10.70
5/16	1/4	6	CTUD020X06	10.84
11/32	1/4	5	CTUD022	11.96
3/8	3/8	5	CTUD024	12.78
3/8	3/8	12	CTUD024X12	22.84

SIZE	SHANK DIA.	OVERALL LENGTH	ITEM NO.	PRICE
13/32	3/8	6	CTUD026	14.46
13/32	3/8	12	CTUD026X12	27.06
7/16	3/8	6	CTUD028	17.04
7/16	3/8	12	CTUD028X12	29.64
15/32	3/8	6	CTUD030	21.36
15/32	3/8	12	CTUD030X12	33.96
1/2	3/8	6	CTUD032	26.50
1/2	3/8	12	CTUD032X12	39.52
9/16	3/8	6	CTUD036	30.08
9/16	3/8	16	CTUD036X16	64.76
5/8	3/8	6	CTUD040	38.08
3/4	3/8	6	CTUD048	52.32
3/4	1/2	16	CTUD048X16	91.44
7/8	1/2	6	CTUD056	64.06
1	1/2	6	CTUD100	67.00

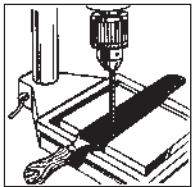
## METRIC SIZES

SIZE	SHANK DIA.	OVERALL LENGTH	ITEM NO.	PRICE
M4.0	M4.0	3	CTUDM04.0X03	8.38
M5.0	M5.0	3-3/8	CTUDM05.0X03	8.38
M6.0	M6.0	3-13/16	CTUDM06.0X03	9.92
M7.0	M7.0	4-3/16	CTUDM07.0X04	11.14

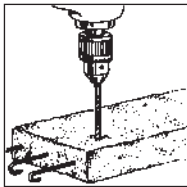
SIZE	SHANK DIA.	OVERALL LENGTH	ITEM NO.	PRICE
M8.0	M8.0	4-9/16	CTUDM08.0X04	11.60
M10.0	M10.0	5-3/8	CTUDM10.0X05	16.72
M12.0	M12.0	6-3/16	CTUDM12.0X06	25.70

## UNIVERSAL DRILL APPLICATIONS

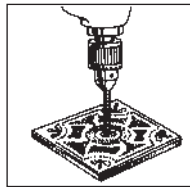
HARDENED STEEL & CAST IRON



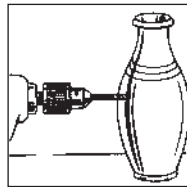
CONCRETE & GRANITE



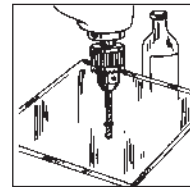
CERAMIC TILE & MARBLE



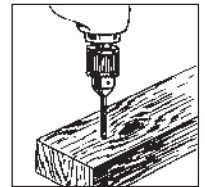
PORCELAIN & BAKED CERAMIC



GLASS, CRYSTAL & MIRROR



WOODS & PLASTICS



# CARBIDE TIPPED UNIVERSAL DRILL SET

**METAL INDEX**

ILLUSTRATION	TYPE OF STEP DRILL	ITEM NO.	PRICE
<p><b>7 PC DRILL SET</b></p>	<p>7 pc Carbide Tipped Universal Drill Set contains 1 each: 1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2</p>	<b>DS-CTUD-7</b>	105.76

# CARBIDE TIPPED HARD STEEL DRILLS

**ICS USA**

**HEAVY DUTY**

**130° POINT**



Carbide Tipped Hard Steel Drills with Right Hand Cut are designed for all hardened steel drilling applications, such as dies, bearing races, and safes. Specially tempered high speed steel body with long carbide tip to prevent chipping. Ideal for locksmiths, mechanics, etc. Left Hand Cut, **CTHSDL**, are often used to remove broken bolts. Bolt is backed out of the hole by its counter-clockwise spin. Drill diameter tolerances are +.000 -0.0197.

## Right Hand Cut

DEC. SIZE	SHANK EQUIV.	OVERALL DIA	OVERALL LENGTH	ITEM NO.	PRICE
1/8	.0625	1/8	2-3/4	<b>CTHSD008X02</b>	11.28
5/32	.0937	5/32	3	<b>CTHSD010X03</b>	13.38
11/64	.1250	11/64	3	<b>CTHSD011X03</b>	13.82
3/16	.1562	3/16	3	<b>CTHSD012X03</b>	11.68
7/32	.1875	7/32	4	<b>CTHSD014X04</b>	15.60
1/4	.2188	1/4	4	<b>CTHSD016X04</b>	14.28
1/4	.2500	1/4	6	<b>CTHSD016X06</b>	15.02
9/32	.2812	9/32	4	<b>CTHSD018X04</b>	15.96
5/16	.3125	1/4	4	<b>CTHSD020X04</b>	15.60

DEC. SIZE	SHANK EQUIV.	OVERALL DIA	OVERALL LENGTH	ITEM NO.	PRICE
5/16	.3125	5/16	6	<b>CTHSD020X06</b>	16.36
3/8	.3438	1/4	4	<b>CTHSD024X04</b>	16.24
3/8	.3750	3/8	6	<b>CTHSD024X06</b>	17.26
13/32	.4062	3/8	6	<b>CTHSD026X06</b>	23.12
7/16	.4375	3/8	6	<b>CTHSD028X06</b>	21.48
1/2	.4687	1/2	6	<b>CTHSD032X06</b>	24.66
9/16	.5000	1/2	6	<b>CTHSD036X06</b>	36.40
5/8	.6250	1/2	6	<b>CTHSD040X06</b>	37.10



## Left Hand Cut Extractor

DEC. SIZE	SHANK EQUIV.	OVERALL DIA	OVERALL LENGTH	ITEM NO.	PRICE
1/8	.0625	1/8	2-3/4	<b>CTHSDL008X02</b>	11.96
3/16	.1562	3/16	3	<b>CTHSDL012X03</b>	13.64
1/4	.2188	1/4	4	<b>CTHSDL016X04</b>	15.14
1/4	.2500	1/4	6	<b>CTHSDL016X06</b>	15.78
5/16	.3125	1/4	4	<b>CTHSDL020X04</b>	16.40

DEC. SIZE	SHANK EQUIV.	OVERALL DIA	OVERALL LENGTH	ITEM NO.	PRICE
5/16	.3125	5/16	6	<b>CTHSDL020X06</b>	17.00
3/8	.3438	1/4	4	<b>CTHSDL024X04</b>	17.28
3/8	.3750	3/8	6	<b>CTHSDL024X06</b>	19.48
7/16	.4375	3/8	6	<b>CTHSDL028X06</b>	23.00
1/2	.4687	1/2	6	<b>CTHSDL032X06</b>	24.96

**NOTE:** Carbide Tipped Universal Drills ( **CTUD** ) for drilling hardened steel & cast iron are also available.

# CARBIDE TIPPED PLATE CUTTERS

**ICS USA**

**HEAVY DUTY**

**MULTI-TOOTH**



WET OR DRY USE

Carbide Tipped Plate Cutters are designed with a multi-tooth center head for drilling through a combination of concrete and steel plates well as embedded rebar and wire mesh. They can be run wet using a small amount of water or run dry. Carbide tipped plate cutters are a viable alternative to fragile diamond core drills as they will withstand rough usage. They can be used with either vacuum or magnetic based diamond drilling machines.

OVERALL SIZE	HUB LENGTH	HUB THREAD SIZE	ITEM NO.	PRICE
1/2	12	5/8-11	<b>CTPC032X12</b>	43.52
5/8	12	5/8-11	<b>CTPC040X12</b>	55.28
3/4	12	5/8-11	<b>CTPC048X12</b>	63.50
7/8	12	5/8-11	<b>CTPC056X12</b>	66.82

OVERALL SIZE	HUB LENGTH	HUB THREAD SIZE	ITEM NO.	PRICE
1	12	5/8-11	<b>CTPC100X12</b>	69.64
1-1/8	12	5/8-11	<b>CTPC108X12</b>	88.92
1-1/4	12	5/8-11	<b>CTPC116X12</b>	94.68
1-1/2	12	5/8-11	<b>CTPC132X12</b>	105.02

Sizes up to 12" diameter available upon request.

## PLATE CUTTER ADAPTER



Adapts plate cutters for use in any 1/2" rotary style drill with a Jacobs (three-jaw) style chuck.

DESCRIPTION	ITEM NO.	PRICE
1/2" Round Shank to 5/8 - 11	<b>CTPCA040-11</b>	26.26
1/2" Round Shank to 1-1/4 - 7	<b>CTPCA116-07</b>	58.80



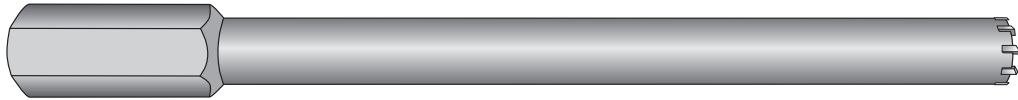
SUGGESTED DRILL SPEEDS FOR PLATE CUTTERS		
SIZES	HUB THREAD SIZE	RPM
1/2 - 1-3/8	5/8 - 11	500 - 1200 RPM
1-1/2	5/8 - 11	350 - 750 RPM
1-3/4 - 12	1-1/4 - 7	150 - 300 RPM

# CARBIDE TIPPED REBAR CUTTERS

**ICS USA**

**HEAVY DUTY**

**MULTI-TOOTH**



Carbide Tipped Rebar Cutters are designed with a multi-tooth cutter head for drilling through concrete and embedded rebar or wire mesh. Use either water or cutting oil for lubrication and cooling. They can be used in any 1/2" rotary drill with a 3-jawed chuck or directly into SDS, Spline Drive, or SDS-Max Hammer Drills using an ICS rebar cutter adapter.





OVERALL		HUB THREAD	ITEM	
SIZE	LENGTH	SIZE	NO.	PRICE
1/2	12	5/8-11	<b>CTRC032X12</b>	46.46
5/8	12	5/8-11	<b>CTRC040X12</b>	58.80
3/4	12	5/8-11	<b>CTRC048X12</b>	68.22
7/8	12	5/8-11	<b>CTRC056X12</b>	71.16

OVERALL		HUB THREAD	ITEM	
SIZE	LENGTH	SIZE	NO.	PRICE
1	12	5/8-11	<b>CTRC100X12</b>	75.26
1-1/8	12	5/8-11	<b>CTRC108X12</b>	95.26
1-1/4	12	5/8-11	<b>CTRC116X12</b>	101.72
1-1/2	12	5/8-11	<b>CTRC132X12</b>	112.90

Sizes up to 3" diameter available upon request.

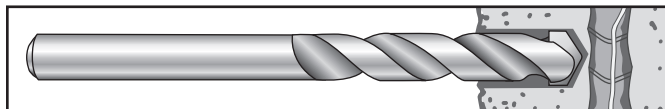
## REBAR CUTTER ADAPTERS

Adapts rebar and plate cutters for use in various style masonry drills.

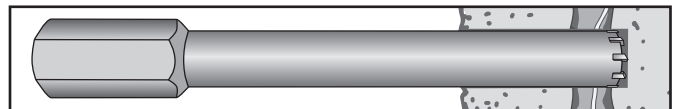
ILLUSTRATION	FITS	ITEM NO.	PRICE
	1/2" Rotary Style Drills	<b>RCA-RS</b>	31.50
	SDS Hammer Drills	<b>RCA-SDS</b>	55.28
	Spline Drive Hammer Drills	<b>RCA-S</b>	66.44
	SDS-Max Hammer Drills	<b>RCA-MAX</b>	75.86

### HOW TO DRILL REBAR

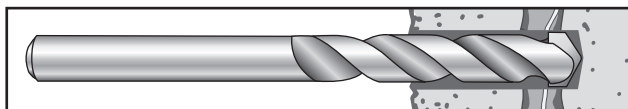
1. Stop drilling as soon as carbide tip comes in contact with rebar. (If you do not - drill will be damaged.)



2. Replace carbide tipped drill with rebar cutter. Insert into hole and drill through embedded rebar. (Maintain even and constant pressure.)



3. Replace rebar cutter with carbide tipped drill and finish drilling the hole.



### NOTICE

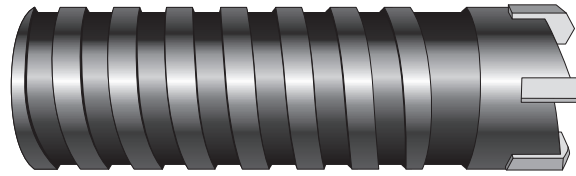
Rebar cutters can also be used in most hammer drills equipped with a three-jaw style chuck, provided the selector is kept in the rotary-only position. Percussion (hammering action) will damage the tool. The ICS Rebar Cutter is designed for rotary drilling only.

# MASONRY (ROTARY) CORE DRILL BITS

ICS USA

GENERAL PURPOSE

MULTI-TOOTH



Carbide Tipped Rotary Core Drill Bits are designed for drilling large diameter holes in thin or brittle material that would be damaged if done with a hammer core drill. Carbide tipped teeth cut only the rim of the hole leaving the core intact which should be broken up and removed every 4" for maximum drilling depth.

OVERALL SIZE	SHANK LENGTH	SHANK SIZE	ITEM NO.	PRICE
1/2	6	3/8	MD-RC032X06	27.54
5/8	8	3/8	MD-RC040X08	33.66
3/4	10	1/2	MD-RC048X10	40.94
7/8	10	1/2	MD-RC056X10	57.88
1	10	1/2	MD-RC100X10	63.50
1-1/8	12	1/2	MD-RC108X12	69.38

OVERALL SIZE	SHANK LENGTH	SHANK SIZE	ITEM NO.	PRICE
1-1/4	12	1/2	MD-RC116X12	78.34
1-3/8	12	1/2	MD-RC124X12	84.08
1-1/2	12	1/2	MD-RC132X12	94.56
1-7/8	12	1/2	MD-RC156X12	115.84
2	12	3/4	MD-RC200X12	124.26

## ROTARY CORE PILOT DRILL



Use a pilot drill for a more accurate starting position and to keep the drill from walking. The pilot drill is used only to start the initial starting groove and is then removed before drilling is continued.

FITS DRILL SIZE	ITEM NO.	PRICE
5/8 to 1	MD-RCPD #1	6.92
1-1/8 to 2-1/4	MD-RCPD #2	6.92

## ROTARY CORE SHANKS

EXTRA LONG



OVERALL SIZE	SHANK LENGTH	SHANK SIZE	ITEM NO.	PRICE
3/8	12	3/8-16	MD-RCS024X12	5.06
3/8	18	3/8-16	MD-RCS024X18	7.48
1/2	12	1/2-13	MD-RCS032X12	5.66
1/2	18	1/2-13	MD-RCS032X18	7.72
3/4	12	3/4-10	MD-RCS048X12	11.22
3/4	18	3/4-10	MD-RCS048X18	54.68

# MASONRY (WET DRILLING) DIAMOND CORE DRILLS

**ICS USA**
**SPECIAL PURPOSE**
**DIAMOND SEGMENTS**
**PREMIUM  
GRADE**

**13" DRILLING  
DEPTH**

Wet Drilling Diamond Core Drills are used for cutting miscellaneous types of concrete, masonry, and stone. They are made to cool from the center and should be used in either vacuum or magnetic based diamond drilling machines. Use either water or cutting oil for lubrication and cooling. Do not use dry or use in a hammer drill.

SIZE	SEGMENT SIZES	ITEM NO.	PRICE
1	.118 x .275	MD-DCWP0100	57.76
1-1/8	.118 x .275	MD-DCWP0108	57.76
1-1/4	.118 x .275	MD-DCWP0116	61.60
1-3/8	.118 x .275	MD-DCWP0124	63.52
1-1/2	.157 x .275	MD-DCWP0132	65.46
1-5/8	.157 x .275	MD-DCWP0140	77.02
1-3/4	.157 x .275	MD-DCWP0148	84.70
1-7/8	.157 x .275	MD-DCWP0156	88.56
2	.157 x .275	MD-DCWP0200	96.24
2-1/4	.157 x .275	MD-DCWP0216	100.12
2-1/2	.177 x .275	MD-DCWP0232	115.50
2-3/4	.177 x .275	MD-DCWP0248	127.06
3	.177 x .275	MD-DCWP0300	134.76
3-1/4	.177 x .275	MD-DCWP0316	146.32
3-1/2	.177 x .275	MD-DCWP0332	165.54
4	.197 x .275	MD-DCWP0400	180.96
4-1/4	.197 x .275	MD-DCWP0416	188.64
4-1/2	.197 x .275	MD-DCWP0432	204.06
5	.217 x .275	MD-DCWP0500	219.46
5-1/4	.217 x .275	MD-DCWP0516	234.54
5-1/2	.217 x .275	MD-DCWP0532	242.56
5-3/4	.217 x .275	MD-DCWP0548	246.40
6	.217 x .275	MD-DCWP0600	250.26
6-1/4	.217 x .275	MD-DCWP0616	300.30
6-1/2	.217 x .275	MD-DCWP0632	365.76
7	.217 x .275	MD-DCWP0700	385.00
8	.217 x .275	MD-DCWP0800	415.80
9	.217 x .275	MD-DCWP0900	485.10
10	.217 x .275	MD-DCWP1000	535.14
11	.217 x .275	MD-DCWP1100	750.76
12	.236 x .275	MD-DCWP1200	762.30
13	.236 x .275	MD-DCWP1300	954.82
14	.236 x .275	MD-DCWP1400	954.82
16	.236 x .275	MD-DCWP1600	CALL

1" to 1-3/4" Diamond Core Drills have a 5/8 - 11 thread.  
2" to 18" Diamond Core Drills have a 1-1/4 - 7 thread.

Dry Drilling Diamond Core Drills and Diamond Core Drill  
Machines are available upon request.



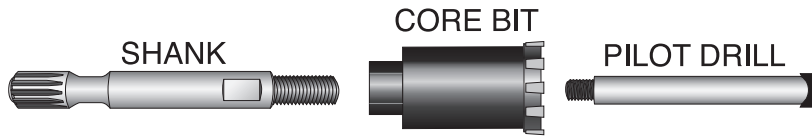
# MASONRY (THIN WALL) CORE DRILLS

ICS USA

HEAVY DUTY

MULTI-TOOTH

SCREW TOGETHER  
STYLE



3 PC  
ASSEMBLY

Special Carbide Tipped Thin Wall Percussion Core Bits are designed to drill large diameter holes with most rotary hammer drills. Carbide tips can withstand continuous hammering action and give maximum drilling life.

## CORE BITS FOR THIN WALL CORE DRILLS

ILLUSTRATION	SIZE	BODY LENGTH	NO. OF TEETH	ITEM NO.	PRICE
<p>THIN WALL CORE BODY</p>	1-1/2	4	6	MD-TWC132	112.08
	1-3/4	4	6	MD-TWC148	130.54
	2	4	6	MD-TWC200	139.02
	2-1/2	4	9	MD-TWC232	171.28
	3	4	9	MD-TWC300	206.74
	3-1/2	4	9	MD-TWC332	257.12
	4	4	9	MD-TWC400	294.84

## SHANKS FOR THIN WALL CORE DRILLS

ILLUSTRATION	LENGTH	FITS HAMMER MODEL	ITEM NO.	PRICE
	12" 18"	Fits all Popular Spline Drive Power Tools. See pages 162- 163 for complete listing.	MD-TWCS 12SP MD-TWCS 18SP	74.68 89.76
	12" 18"	Bosch 11216, SDS-MAX Hilti TE 64, TE-Y Hilti TE 72, 90	MD-TWCS 12MAX MD-TWCS 18MAX	79.16 99.38
<p>Only fits 1-1/2" diameter core drills</p>	8" 16"	Fits all popular 4 slot power tools. See pages 162- 163 for complete listing.	MD-TWCS 08SDS MD-TWCS 16SDS	61.74 85.86
<p>Fits 1-3/4" to 4" diameter core drills</p>	8" 12"	Fits all popular 4 slot power tools. See pages 162- 163 for complete listing.	MD-TWCS 08SDSL MD-TWCS 12SDSL	65.86 75.26

## PILOT DRILL FOR THIN WALL CORE DRILLS

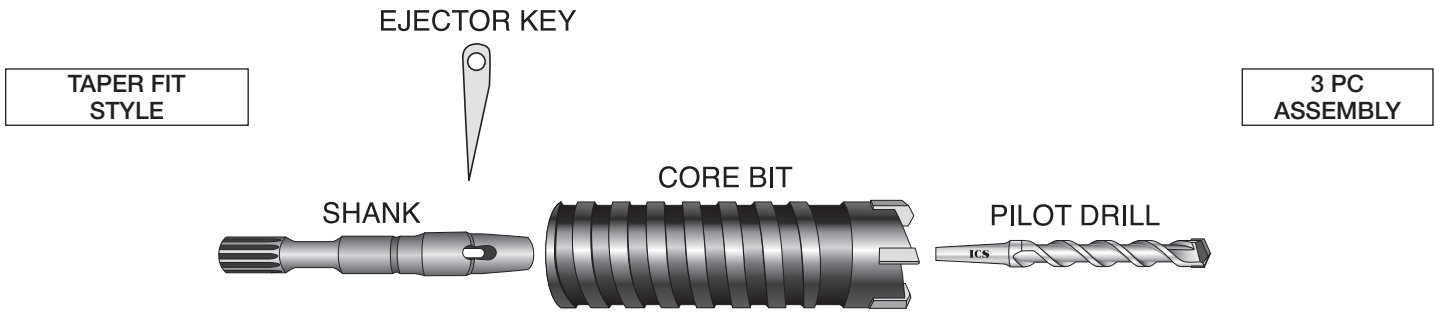
ILLUSTRATION	CUTTING APPLICATION	ITEM NO.	PRICE
	Use a pilot drill for a more accurate starting position and to keep the hammer core drill from walking. The pilot drill is used only to start the initial starting groove and is then removed before drilling is continued.	MD-TWCSPD	20.58

# MASONRY (PERCUSSION HAMMER) CORE DRILLS

**ICS WIS**

**HEAVY DUTY**

**MULTI-TOOTH**



Special Carbide Tipped Percussion Core Bits are designed to drill large diameter holes with most rotary hammer drills. Carbide Tips can withstand continuous hammering action and give maximum drilling life.

## CORE BITS FOR PERCUSSION HAMMER CORE DRILLS

ILLUSTRATION	SIZE	BODY LENGTH	NO. OF TEETH	ITEM NO.	PRICE
<p>TAPERED CORE BODY</p>	1-1/2	4	6	<b>MD-PC132</b>	125.58
	2	4	6	<b>MD-PC200</b>	137.56
	2-1/2	4	9	<b>MD-PC232</b>	154.56
	3	4	9	<b>MD-PC300</b>	195.30
	3-1/2	4	9	<b>MD-PC332</b>	221.02
	4	4	9	<b>MD-PC400</b>	288.98
	5	4	12	<b>MD-PC500</b>	405.72

## SHANKS FOR PERCUSSION HAMMER CORE DRILLS

ILLUSTRATION	LENGTH	FITS HAMMER MODEL	ITEM NO.	PRICE
	8"	Fits all Popular Spline Drive See pages 162- 163 for complete listing.	<b>MD-PCS08SP</b>	77.28
	22"		<b>MD-PCS22SP</b>	95.14
	8"	Bosch 11216, SDS-MAX Hilti TE 64, TE-Y, Hilti TE 72, 90	<b>MD-PCS08MAX</b>	76.28
	18"		<b>MD-PCS18MAX</b>	93.14

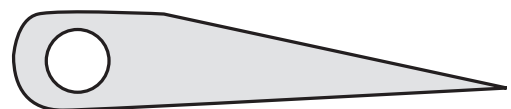
### PERCUSSION CORE PILOT DRILL



Use a pilot drill for a more accurate starting position and to keep the hammer core drill from walking. The pilot drill is used only to start the initial starting groove and is then removed before drilling is continued.

SIZE AND DESCRIPTION	ITEM NO.	PRIC
3/8 x 5 A-Taper Shank	<b>MD-PCPD</b>	11.72

### MASONRY DRILL EJECTOR KEY



Use Ejector Key to push Pilot Drill out of Tapered Core Body.

ITEM NO.	PRICE
<b>MD-EK</b>	6.96

# CARBIDE TIPPED MASONRY DRILLS - FAST SPIRAL

**ICS USA**

**GENERAL PURPOSE**

**ROTARY DRILL POINT**



BLACK FINISH



ZINC PLATED

Carbide Tipped Fast Spiral Masonry Drill Bits are designed for rotary drilling into brick, cinder block, tile, plaster, and other brittle materials. Brittle materials will require slower speeds and light to moderate pressure as material is being ground, not broken. The fast spiral flute design creates less heat buildup when drilling. A special carbide tip with a 130° point and positive angle provides fast penetration. They can be used in any 3-jaw chuck rotary style drill.

NOMINAL		SHANK		BLACK FINISH		ZINC PLATED	
SIZE	LENGTH	SIZE	ITEM NO.	PRICE	ITEM NO.	PRICE	PRICE
1/8	3	1/8	MDF008X03	1.90	MDFZ008X03	1.90	
3/16	4	3/16	MDF012X04	2.02	MDFZ012X04	2.02	
1/4	4	1/4	MDF016X04	2.26	MDFZ016X04	2.26	
1/4	6	1/4	MDF016X06	2.84	MDFZ016X06	2.84	
1/4	13	1/4	MDF016X13	7.06	MDFZ016X13	7.06	
5/16	4	1/4	MDF020X04	2.60	MDFZ020X04	2.60	
5/16	6	1/4	MDF020X06	3.20	MDFZ020X06	3.20	
5/16	13	1/4	MDF020X13	7.78	MDFZ020X13	7.78	
3/8	4	1/4	MDF024X04	3.30	MDFZ024X04	3.30	
3/8	6	1/4	MDF024X06	3.78	MDFZ024X06	3.78	
3/8	13	1/4	MDF024X13	8.72	MDFZ024X13	8.72	
7/16	6	1/4	MDF028X06	4.38	MDFZ028X06	4.38	

NOMINAL		SHANK		BLACK FINISH		ZINC PLATED	
SIZE	LENGTH	SIZE	ITEM NO.	PRICE	ITEM NO.	PRICE	PRICE
1/2	4	1/4	MDF032X04	4.12	MDFZ032X04	4.12	
1/2	6	1/4	MDF032X06	4.96	MDFZ032X06	4.96	
1/2	13	3/8	MDF032X13	11.76	MDFZ032X13	11.76	
9/16	6	3/8	MDF036X06	6.82	MDFZ036X06	6.82	
9/16	13	3/8	MDF036X13	12.94	MDFZ036X13	12.94	
5/8	6	3/8	MDF040X06	7.32	MDFZ040X06	7.32	
5/8	13	3/8	MDF040X13	14.84	MDFZ040X13	14.84	
3/4	6	1/2	MDF048X06	11.66	MDFZ048X06	11.66	
3/4	13	1/2	MDF048X13	18.82	MDFZ048X13	18.82	
7/8	6	1/2	MDF056X06	15.88	MDFZ056X06	15.88	
1	6	1/2	MDF100X06	18.24	MDFZ100X06	18.24	

PACKAGING: 1 drill/vinyl pouch or plastic tube

## MASONRY DRILL SETS AND DISPLAYS

ILLUSTRATION	DESCRIPTION	TYPE OF DRILL	ITEM NO.	PRICE
	<b>4 PC DRILL SET</b> 1/4, 5/16, 3/8, 1/2 4" Long Masonry Drills Vinyl Pouch Package	Fast Spiral Masonry Drills Wide Spiral Masonry Drills	<b>MDS-MDF-04</b> <b>MDS-MDW-04</b>	- -
		<b>30 PC DRILL DISPLAY</b> 5 ea. 1/8, 3/16, 1/4, 5/16, 3/8, 1/2 4" Length Masonry Drills Display Size: 12" x 10-1/2"	Fast Spiral Masonry Drills Wide Spiral Masonry Drills	<b>MDD-MDF-304</b> 86.44 <b>MDD-MDW-304</b> 86.44
	<b>18 PC DRILL DISPLAY</b> 3 ea. 1/4, 5/16, 3/8, 1/2, 5/8, 3/4 6" Length Masonry Drills Display Size: 12" x 12"	Fast Spiral Masonry Drills Wide Spiral Masonry Drills	<b>MDD-MDF-186</b> <b>MDD-MDW-186</b>	106.78 106.78
	<b>30 PC DRILL DISPLAY</b> 3 ea. 1/8, 3/16, 1/4, 5/16, 3/8 3 ea. 7/16, 1/2, 9/16, 5/8, 3/4 6" Length Masonry Drills Display Size: 18" x 12"	Fast Spiral Masonry Drills Wide Spiral Masonry Drills	<b>MDD-MDF-306</b> <b>MDD-MDW-306</b>	155.00 155.00
	<b>6 PC DRILL DISPLAY</b> 1 ea. 1/4, 5/16, 3/8, 1/2, 5/8, 3/4 13" Length Masonry Drills Display Size: 12" x 18"	Fast Spiral Masonry Drills Wide Spiral Masonry Drills	<b>MDD-MDF-613</b> <b>MDD-MDW-613</b>	77.62 77.62
	<b>6 PC DRILL DISPLAY</b> 1 ea. 1/4, 5/16, 3/8, 1/2, 5/8, 3/4 18" Length Masonry Drills Display Size: 12" x 23"	Wide Spiral Masonry Drills	<b>MDD-MDW-618</b>	110.54

\* 1/8" Masonry Drill in MDD-306 Display is 3" long, not 6".

# CARBIDE TIPPED MASONRY DRILLS - WIDE SPIRAL

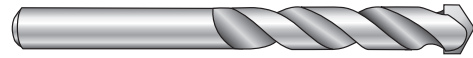
**ICS USA**

**GENERAL PURPOSE**

**ROTARY DRILL POINT**



BLACK FINISH



ZINC PLATED

Carbide Tipped Wide Spiral Masonry Drill Bits are designed for rotary drilling into concrete, masonry, marble, stone and rock. The harder the material, the more pressure applied and the slower the speed as material is being ground up, not broken as a hammer drill would do. The wide spiral flute design is very strong and removes debris rapidly. A special carbide tip with a 130° point and positive angle provides fast penetration. They can be used in any 3-Jaw chuck rotary style drill. They are also known as Carbide Tipped Slow Spiral Masonry Drill Bits.

NOMINAL		SHANK	BLACK FINISH		ZINC PLATED	
SIZE	LENGTH	SIZE	ITEM NO.	PRICE	ITEM NO.	PRICE
1/8	3	1/8	MDW008X03	1.90	MDWZ008X03	1.90
5/32	3	9/64	MDW010X03	1.90	MDWZ010X03	1.90
11/64	3	9/64	MDW011X03	1.90	MDWZ011X03	1.90
3/16	4	3/16	MDW012X04	2.02	MDWZ012X04	2.02
3/16	6	3/16	MDW012X06	2.60	MDWZ012X06	2.60
7/32	4	3/16	MDW014X04	2.12	MDWZ014X04	2.12
15/64	4	3/16	MDW015X04	2.26	MDWZ015X04	2.26
1/4	4	1/4	MDW016X04	2.26	MDWZ016X04	2.26
1/4	6	1/4	MDW016X06	2.84	MDWZ016X06	2.84
1/4	13	1/4	MDW016X13	7.06	MDWZ016X13	7.06
1/4	18	1/4	MDW016X18	12.36	MDWZ016X18	12.36
1/4	24	1/4	MDW016X24	13.52	MDWZ016X24	13.52
1/4	30	1/4	MDW016X30	15.30	MDWZ016X30	15.30
9/32	4	1/4	MDW018X04	2.60	MDWZ018X04	2.60
5/16	4	1/4	MDW020X04	2.60	MDWZ020X04	2.60
5/16	6	1/4	MDW020X06	3.20	MDWZ020X06	3.20
5/16	13	1/4	MDW020X13	7.78	MDWZ020X13	7.78
5/16	18	1/4	MDW020X18	13.52	MDWZ020X18	13.52
5/16	24	1/4	MDW020X24	20.16	MDWZ020X24	20.16
5/16	30	1/4	MDW020X30	23.08	MDWZ020X30	23.08
3/8	4	1/4	MDW024X04	3.30	MDWZ024X04	3.30
3/8	6	1/4	MDW024X06	3.78	MDWZ024X06	3.78
3/8	6	3/8	MDW024X06A	3.78	MDWZ024X06A	3.78
3/8	13	1/4	MDW024X13	14.12	MDWZ024X13	14.12
3/8	18	3/8	MDW024X18	14.12	MDWZ024X18	14.12
3/8	24	3/8	MDW024X24	15.88	MDWZ024X24	15.88
3/8	30	3/8	MDW024X30	18.00	MDWZ024X30	18.00
7/16	4	1/4	MDW028X04	3.78	MDWZ028X04	3.78
7/16	6	1/4	MDW028X06	4.38	MDWZ028X06	4.38
7/16	6	3/8	MDW028X06A	4.38	MDWZ028X06A	4.38
7/16	13	3/8	MDW028X13	10.58	MDWZ028X13	10.58
7/16	18	3/8	MDW028X18	14.70	MDWZ028X18	14.70

NOMINAL		SHANK	BLACK FINISH		ZINC PLATED	
SIZE	LENGTH	SIZE	ITEM NO.	PRICE	ITEM NO.	PRICE
1/2	4	1/4	MDW032X04	4.12	MDWZ032X04	4.12
1/2	6	1/4	MDW032X06	4.96	MDWZ032X06	4.96
1/2	6	3/8	MDW032X06A	4.96	MDWZ032X06A	4.96
1/2	13	3/8	MDW032X13	11.76	MDWZ032X13	11.76
1/2	18	3/8	MDW032X18	17.06	MDWZ032X18	17.06
1/2	24	3/8	MDW032X24	19.40	MDWZ032X24	19.40
1/2	30	3/8	MDW032X30	22.34	MDWZ032X30	22.34
9/16	6	3/8	MDW036X06	6.82	MDWZ036X06	6.82
9/16	13	1/2	MDW036X13	12.94	MDWZ036X13	12.94
9/16	18	1/2	MDW036X18	18.24	MDWZ036X18	18.24
5/8	6	3/8	MDW040X06	7.32	MDWZ040X06	7.32
5/8	13	1/2	MDW040X13	14.84	MDWZ040X13	14.84
5/8	18	1/2	MDW040X18	20.58	MDWZ040X18	20.58
11/16	6	1/2	MDW044X06	10.58	MDWZ044X06	10.58
3/4	6	3/8	MDW048X06	11.66	MDWZ048X06	11.66
3/4	6	1/2	MDW048X06A	11.66	MDWZ048X06A	11.66
3/4	13	1/2	MDW048X13	18.82	MDWZ048X13	18.82
3/4	18	1/2	MDW048X18	23.08	MDWZ048X18	23.08
7/8	6	1/2	MDW056X06	15.88	MDWZ056X06	15.88
7/8	13	1/2	MDW056X13	24.70	MDWZ056X13	24.70
7/8	18	1/2	MDW056X18	34.82	MDWZ056X18	34.82
1	6	1/2	MDW100X06	18.24	MDWZ100X06	18.24
1	13	1/2	MDW100X13	30.00	MDWZ100X13	30.00
1	18	1/2	MDW100X18	42.92	MDWZ100X18	42.92
1-1/8	6	1/2	MDW108X06	23.30	MDWZ108X06	23.30
1-1/8	10	1/2	MDW108X10	49.88	MDWZ108X10	49.88
1-1/4	10	1/2	MDW116X10	56.78	MDWZ116X10	56.78
1-1/4	18	1/2	MDW116X18	64.68	MDWZ116X18	64.68
1-3/8	10	1/2	MDW124X10	30.94	MDWZ124X10	30.94
1-3/8	18	1/2	MDW124X18	69.30	MDWZ124X18	69.30
1-1/2	10	1/2	MDW132X10	57.96	MDWZ132X10	57.96
1-1/2	18	1/2	MDW132X18	87.02	MDWZ132X18	87.02

**PACKAGING**

1/8 x 3" to 3/4 x 18" Length - 1 Drill/Vinyl Pouch  
 7/8 x 6" up to 1-1/2 x 18" Length - 1 Drill/Tube  
 1/4 x 24" up to 1/2 x 30" Length - 1 Drill/Tube

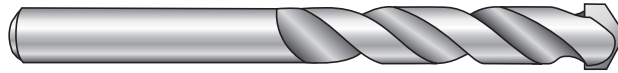
# CARBIDE TIPPED MASONRY DRILLS - METRIC

**ICS USA**

**GENERAL PURPOSE**

**PERCUSSION DRILL POINT**

**ROTARY  
STYLE**



**WIDE  
SPIRAL**

Carbide Tipped Wide Spiral Metric Masonry Drill Bits are designed for rotary drilling into concrete, masonry, marble, stone and rock. The harder the material, the more pressure applied and the slower the speed as material is being ground up, not broken as a hammer drill would do. The wide spiral flute design is very strong and removes debris rapidly. A special carbide tip with a 130° point and positive angle provides fast penetration. They can be used in any 3-Jaw chuck rotary style drill. ICS Carbide Tipped Metric Drills are true metric sizes (not fractional equivalents) for drilling pilot holes for European Anchors. They are also known as Carbide Tipped Slow Spiral Metric Masonry Drill Bits.

**Note:** Metric Diameter Drills must be used for drilling metric size anchor holes to ensure proper fit for metric size anchors.

SIZE mm	OVERALL LENGTH	SHANK SIZE	ITEM NO.	PRICE
3	75	2.5	MD-M03.0X075	1.90
3.5	75	3.0	MD-M03.5X075	1.90
4	85	4.0	MD-M04.0X085	1.90
4.5	85	4.0	MD-M04.5X085	1.90
5	85	4.0	MD-M05.0X085	2.02
5.5	100	4.5	MD-M05.5X100	2.12
6	100	4.8	MD-M06.0X100	2.26
6.5	100	5.5	MD-M06.5X100	2.26
7	100	5.5	MD-M07.0X100	2.60
8	120	6.0	MD-M08.0X120	2.60
9	120	7.0	MD-M09.0X120	3.30

SIZE mm	OVERALL LENGTH	SHANK SIZE	ITEM NO.	PRICE
11	150	9.0	MD-M11.0X150	4.38
12	150	9.0	MD-M12.0X150	4.38
13	150	9.5	MD-M13.0X150	4.96
14	150	9.5	MD-M14.0X150	6.82
16	150	12.7	MD-M16.0X150	7.32
18	160	12.7	MD-M18.0X160	12.48
19	150	12.7	MD-M19.0X150	12.48
20	150	12.7	MD-M20.0X150	12.48
22	150	12.7	MD-M22.0X150	15.88
25	160	12.7	MD-M25.0X160	-

## CARBIDE TIPPED "YANKEE" (PUSH) DRILLS

**SPECIAL PURPOSE**



Carbide Tipped Yankee Push Drills are designed to fit Yankee Push Drill systems where 3/16" and 1/4" anchor holes are required. They are ideal for drywall and concrete block.

SIZE	OVERALL LENGTH	ITEM NO.	PRICE
3/16	2-1/8	CTYPD012	4.28

## CARBIDE TIPPED GLASS DRILLS

**ICS USA**

**SPECIAL PURPOSE**

**SPEAR POINT**



Carbide Tipped Glass Drills are designed for drilling glass, mirror glass, tile, ceramics, and porcelain. Special spear point allows a precise hole to start without walking and can also be used to drill a hole smaller than drill diameter. For best results, apply firm pressure at low speed, using water or turpentine as a lubricant.

SIZE	OVERALL LENGTH	ITEM NO.	PRICE
1/8	2-1/2	CTGD008	6.82
5/32	2-1/2	CTGD010	7.64
3/16	2-1/2	CTGD012	7.06
1/4	2-1/2	CTGD016	7.96
5/16	2-1/2	CTGD020	9.46
3/8	3	CTGD024	12.84

SIZE	OVERALL LENGTH	ITEM NO.	PRICE
1/2	3	CTGD032	18.36
9/16	4	CTGD036	19.32
5/8	4	CTGD040	21.42
3/4	4	CTGD048	25.62
7/8	4	CTGD056	31.50
1	4	CTGD100	31.50

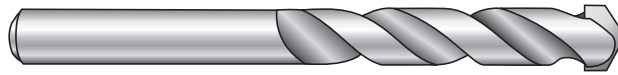
# CARBIDE TIPPED MASONRY HAMMER DRILLS

**ICS USA**

**HEAVY DUTY**

**PERCUSSION DRILL POINT**

**DUAL PURPOSE**



**WIDE SPIRAL**

Carbide Tipped Wide Spiral Flute Masonry Hammer Drill Bits are designed for rotary or percussion drilling into concrete, masonry, marble, stone and rock. The impact action and rotation created by the percussion drill breaks up the concrete for faster use and harder materials. A special carbide tip with a 130° point and negative angle provides fast penetration in percussion mode, but drill 10% slower when in rotary mode.

SIZE mm	OVERALL LENGTH	SHANK SIZE	ITEM NO.	PRICE
1/8	3	1/8	MDH008X03	2.12
5/32	3	9/64	MDH010X03	2.12
11/64	3	9/64	MDH011X03	2.12
3/16	4	3/16	MDH012X04	2.26
3/16	6	3/16	MDH012X06	2.94
7/32	4	3/16	MDH014X04	2.48
1/4	4	1/4	MDH016X04	2.60
1/4	6	1/4	MDH016X06	3.20
1/4	13	1/4	MDH016X13	7.64
1/4	18	1/4	MDH016X18	12.94
1/4	24	1/4	MDH016X24	14.12
1/4	30	1/4	MDH016X30	15.88
9/32	4	1/4	MDH018X04	2.94
5/16	4	1/4	MDH020X04	2.94
5/16	6	1/4	MDH020X06	3.54
5/16	13	1/4	MDH020X13	8.36
5/16	18	1/4	MDH020X18	14.12
5/16	24	1/4	MDH020X24	15.88
5/16	30	1/4	MDH020X30	17.90
3/8	4	1/4	MDH024X04	3.66
3/8	6	1/4	MDH024X06	4.12
3/8	6	3/8	MDH024X06A	4.12
3/8	13	1/4	MDH024X13	14.70
3/8	18	3/8	MDH024X18	14.70
3/8	24	3/8	MDH024X24	16.46
3/8	30	3/8	MDH024X30	18.58
7/16	4	1/4	MDH028X04	4.38
7/16	6	1/4	MDH028X06	4.96
7/16	6	3/8	MDH028X06A	4.96
7/16	13	3/8	MDH028X13	CALL

SIZE mm	OVERALL LENGTH	SHANK SIZE	ITEM NO.	PRICE
7/16	18	3/8	MDH028X18	15.88
1/2	4	1/4	MDH032X04	5.30
1/2	6	1/4	MDH032X06	6.14
1/2	6	3/8	MDH032X06A	6.14
1/2	13	3/8	MDH032X13	12.94
1/2	18	3/8	MDH032X18	18.24
1/2	24	3/8	MDH032X24	20.58
1/2	30	3/8	MDH032X30	23.52
9/16	6	3/8	MDH036X06	8.00
9/16	13	1/2	MDH036X13	20.00
9/16	18	1/2	MDH036X18	24.26
5/8	6	3/8	MDH040X06	8.48
5/8	6	1/2	MDH040X06A	8.48
5/8	13	1/2	MDH040X13	16.00
5/8	18	1/2	MDH040X18	21.76
11/16	6	1/2	MDH044X06	11.76
3/4	6	3/8	MDH048X06	12.84
3/4	6	1/2	MDH048X06A	12.84
3/4	13	1/2	MDH048X13	20.00
3/4	18	1/2	MDH048X18	24.26
7/8	6	1/2	MDH056X06	15.88
7/8	13	1/2	MDH056X13	23.52
7/8	18	1/2	MDH056X18	32.94
1	6	1/2	MDH100X06	19.40
1	13	1/2	MDH100X13	30.00
1	18	1/2	MDH100X18	42.46
1-1/8	6	1/2	MDH108X06	26.12
1-1/4	18	1/2	MDH116X18	65.86
1-3/8	18	1/2	MDH124X18	70.56
1-1/2	18	1/2	MDH132X18	88.20

### PACKAGING

- 1/8 x 3" to 3/4 x 18" Length - 1 Drill/Vinyl Pouch
- 7/8 x 6" up to 1-1/2 x 18" Length - 1 Drill/Tube
- 1/4 x 24" up to 1/2 x 30" Length - 1 Drill/Tube

Extra Long Carbide Tipped Bellhanger Masonry Drills on page MET-106 of the Metal Cutting Tools Catalog are designed to do very deep hole drilling. Lengths up to 72" are available.

# CARBIDE TIPPED TAPCON® BITS - TANG STYLE - STRAIGHT SHANK

**ICS USA**

**SPECIAL PURPOSE**

**ROTARY DRILL POINT**

STRAIGHT TANG  
SHANK



WIDE  
SPIRAL

Carbide Tipped Straight Shank Tapcon Bits are designed for use in Tapcon®, Condrive®, and Black and Decker® drilling systems for setting masonry anchor screws with self-cutting threads. Straight shank Tapcon bits can be used in any drill with a 3-jawed drill chuck. All ICS straight shank Tapcon bits meet or exceed all tolerances recommended by manufacturers of screw-type masonry anchors. They are also known as Screw-Type Anchor Bits or Concrete Screw Drill Bits.

SIZE x LENGTH	FOR THESE SIZE ANCHORS	ITEM NO.	PRICE
5/32 x 3-1/2	3/16 x 1-1/4 3/16 x 1-3/4	<b>MD-TC010X03</b>	2.60
5/32 x 4-1/2	3/16 x 1-3/4 3/16 x 2-1/4 3/16 x 2-3/4	<b>MD-TC010X04</b>	2.94
5/32 x 5-1/2	3/16 x 3-1/4 3/16 x 3-3/4 3/16 x 4	<b>MD-TC010X05</b>	3.20

SIZE x LENGTH	FOR THESE SIZE ANCHORS	ITEM NO.	PRICE
3/16 x 3-1/2	1/4 x 1-1/4 1/4 x 1-3/4	<b>MD-TC012X03</b>	2.72
3/16 x 4-1/2	1/4 x 2-1/4 1/4 x 2-3/4	<b>MD-TC012X04</b>	3.08
3/16 x 5-1/2	1/4 x 3-1/4 1/4 x 3-3/4 1/4 x 4	<b>MD-TC012X05</b>	3.42
3/16 x 6-3/4	1/4 x 5	<b>MD-TC012X06</b>	4.38
3/16 x 7-5/8	1/4 x 6	<b>MD-TC012X07</b>	5.06

# CARBIDE TIPPED TAPCON® HEX ROTARY HAMMER BITS - SDS-PLUS

**ICS WIS**

**SPECIAL PURPOSE**

**HAMMER DRILL POINT**

4 SLOT (SDS)  
HEX DRIVE SHANK



WIDE  
SPIRAL

Carbide Tipped SDS-Plus Tapcon Hex Drive Rotary Hammer Bits are designed for use in Tapcon®, Condrive®, and Black and Decker® drilling systems for setting masonry anchor screws with self-cutting threads. SDS-Plus Tapcon hex drive bits have a 5/16" hex directly below the shank which fits into driver sleeve for installation. All ICS SDS-Plus Tapcon hex drive rotary hammer bits meet or exceed all tolerances recommended by manufacturers of screw-type masonry anchors. They are also known as Carbide Tipped Screw-Type Anchor Bits or Carbide Tipped Concrete Screw Drill Bits.

SIZE x LENGTH	FOR THESE SIZE ANCHORS	ITEM NO.	PRICE
5/32 x 5	3/16 x 3-1/4 3/16 x 3-3/4 3/16 x 4	<b>MD-SDSH010X05</b>	12.92
5/32 x 7	3/16 (extra reach)	<b>MD-SDSH010X07</b>	18.82

SIZE x LENGTH	FOR THESE SIZE ANCHORS	ITEM NO.	PRICE
3/16 x 5	1/4 x 3-1/4 1/4 x 3-3/4 1/4 x 4	<b>MD-SDSH012X05</b>	13.30
3/16 x 7	1/4 x 5 1/4 x 6	<b>MD-SDSH012X07</b>	18.82

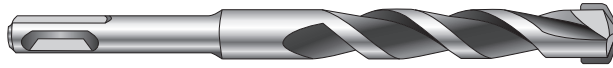
# MASONRY HAMMER DRILLS - SDS SHANK

**ICS USA**

**HEAVY DUTY**

**HAMMER DRILL POINT**

4 SLOT  
SDS SHANK



PARABOLIC  
FLUTE

Carbide Tipped Slot Drive System SDS Masonry Hammer Drills are designed for use with all rotary hammers that specify SDS-Plus shank hammer drills. SDS plus shank hammer bits have 4 U-shaped slots cut into the .393 diameter shank, 2 positive rotary drive slots and 2 ball retainer slots to ensure a positive fit between the bit and the bit holder on a SDS-Plus rotary hammer drill which makes possible the most power transmission to the cutting edge for high speed drilling of holes up to 1" in diameter in concrete, masonry and stone. They are also known as SDS Plus Drill Bits.

NOMINAL		DRILLING	ITEM	
SIZE	LENGTH	DEPTH	NO.	PRICE
5/32	4-1/2	2	MD-SDS010X04	9.20
3/16	4-1/2	2	MD-SDS012X04	8.24
3/16	6-1/2	4	MD-SDS012X06	9.42
3/16	8	6	MD-SDS012X08	10.58
3/16	10	8	MD-SDS012X10	18.82
3/16	14	12	MD-SDS012X14	27.06
7/32	6	4	MD-SDS014X06	9.42
7/32	8	6	MD-SDS014X08	14.78
7/32	14	12	MD-SDS014X14	25.88
1/4	4	2	MD-SDS016X04	8.82
1/4	6	4	MD-SDS016X06	9.42
1/4	9	6	MD-SDS016X09	10.58
1/4	12	9	MD-SDS016X12	16.46
1/4	16	14	MD-SDS016X16	32.34
1/4	20	18	MD-SDS016X20	41.16
5/16	4-1/2	2	MD-SDS020X04	11.32
5/16	6	4	MD-SDS020X06	12.36
5/16	12	10	MD-SDS020X12	22.34
3/8	6	4	MD-SDS024X06	12.02
3/8	9	6	MD-SDS024X09	17.06
3/8	14	11	MD-SDS024X14	23.42
3/8	18	14	MD-SDS024X18	28.46
3/8	20	18	MD-SDS024X20	33.78
3/8	24	22	MD-SDS024X24	44.70
3/8	36	34	MD-SDS024X36	70.56
7/16	6	4	MD-SDS028X06	17.06
7/16	12	10	MD-SDS028X12	24.18
7/16	18	16	MD-SDS028X18	33.52
1/2	6	4	MD-SDS032X06	14.96

NOMINAL		DRILLING	ITEM	
SIZE	LENGTH	DEPTH	NO.	PRICE
1/2	9	6	MD-SDS032X09	20.94
1/2	14	10	MD-SDS032X14	24.12
1/2	18	14	MD-SDS032X18	30.94
1/2	22	18	MD-SDS032X22	34.70
1/2	38	35	MD-SDS032X38	73.50
9/16	6	4	MD-SDS036X06	21.42
9/16	12	10	MD-SDS036X12	22.34
9/16	18	16	MD-SDS036X18	40.92
5/8	6	4	MD-SDS040X06	22.22
5/8	9	6	MD-SDS040X09	22.94
5/8	14	10	MD-SDS040X14	33.52
5/8	18	14	MD-SDS040X18	48.12
5/8	22	18	MD-SDS040X22	59.98
5/8	36	34	MD-SDS040X36	127.02
11/16	9	6	MD-SDS044X09	40.26
3/4	6	4	MD-SDS048X06	35.78
3/4	9	6	MD-SDS048X09	32.58
3/4	14	10	MD-SDS048X14	44.10
3/4	18	14	MD-SDS048X18	58.76
3/4	22	18	MD-SDS048X22	73.60
27/32	9	6	MD-SDS054X09	52.72
7/8	6	4	MD-SDS056X06	47.04
7/8	9	6	MD-SDS056X09	52.72
7/8	14	10	MD-SDS056X14	60.72
7/8	18	14	MD-SDS056X18	65.82
1	9	6	MD-SDS100X09	58.54
1	14	10	MD-SDS100X14	65.24
1	18	14	MD-SDS100X18	88.72
1	30	28	MD-SDS100X30	144.66

# MASONRY DRILL SETS - SDS SHANK

**METAL CASE**

ILLUSTRATION	TYPE OF DRILL	ITEM NO.	PRICE
<p>7 PC DRILL SETS</p>	Masonry (SDS Shank) Hammer Drills	MDS-SDS-7	97.74
	Masonry (Ramset Shank) Hammer Drills	MDS-RAM-7	106.56
	<b>SIZES OF MASONRY DRILLS IN SETS</b>		
	1 each: 3/16 x 4, 1/4 x 4		
	2 each: 1/4 x 6		
	1 each: 5/16 x 6, 3/8 x 6, 1/2 x 6		

Sizes 3/16 to 1/2 (Wt. 1.40 lbs.)


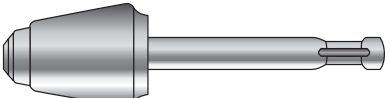



# SDS SHANK QUICK RELEASE ADAPTERS

ADAPTERS FOR HILTI TE-12, 17, 22, SDS, AND RAMSET

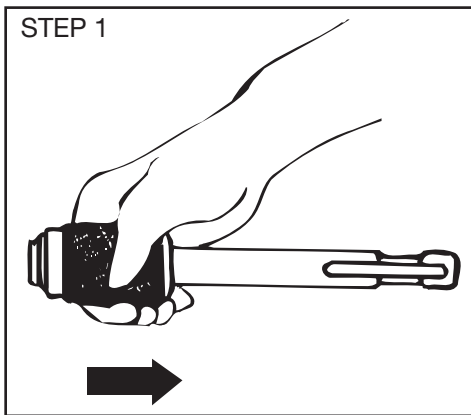
**ICS** **WIS**

SDS Shank adapters allow you to use 2 slot and 4 slot shank masonry drills with different models of electric hammer drills. Each shank configuration will fit the hammer drill model numbers listed.

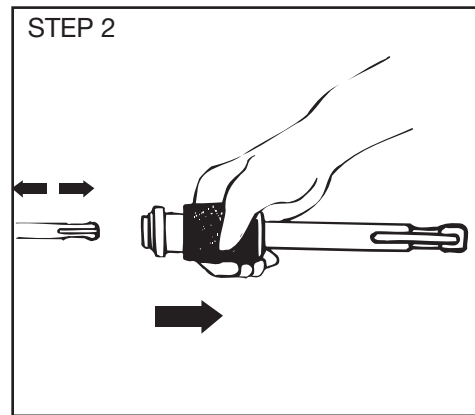
ILLUSTRATION	FITS	ITEM NO.	PRICE
	Fits all popular spline drive power tools. See pages 162-163 for complete listing.	<b>SDS-SPLINE</b>	98.78
	Hilti TE 52, 60 Hilti TE 70, 92	<b>SDS-TE60</b>	103.50
	Bosch 11216, SDS-MAX Hilti TE 64, TE-Y Hilti TE 52, 60 Hilti TE 72, 92	<b>SDS-MAX</b>	112.90

Important: Adapters are designed for intermittent use. A power loss of 10-15% and increased bit wear of 15-20% will result when using adapters.

## HOW TO USE SDS QUICK RELEASE SHANK ADAPTERS



Pull back locking sleeve.



Use this position to insert or remove drill bit.

**CARBIDE TIPPED**  
**MASONRY HAMMER DRILLS - 2 SLOT SHANK**

**ICS USA**

**HEAVY DUTY**

**HAMMER DRILL POINT**

2 SLOT  
3/4" DIA. SHANK



PARABOLIC  
FLUTE

FOR USE WITH HILTI TE 52, 60, 72, 92 HAMMER DRILL

2 Slot Shank Carbide Tipped Masonry Hammers Drills have a special impact carbide tip with negative tip angle and 130° point. Made to withstand the shock and impact of the hardest hitting rotary hammer drills. Will quickly penetrate the toughest aggregate.

NOMINAL		DRILLING	ITEM	
SIZE	LENGTH	DEPTH	NO.	PRICE
3/8	12	6	MD-TE60-024X12	59.24
1/2	12	6	MD-TE60-032X12	61.52
1/2	22	16	MD-TE60-032X22	74.54
1/2	36	28	MD-TE60-032X36	124.66
5/8	12	6	MD-TE60-040X12	62.64
5/8	22	16	MD-TE60-040X22	82.40
5/8	36	28	MD-TE60-040X36	143.00
3/4	12	6	MD-TE60-048X12	56.76
3/4	22	16	MD-TE60-048X22	73.86
3/4	36	28	MD-TE60-048X36	149.94
7/8	12	6	MD-TE60-056X12	68.10
7/8	22	16	MD-TE60-056X22	85.00
7/8	36	28	MD-TE60-056X36	157.52

NOMINAL		DRILLING	ITEM	
SIZE	LENGTH	DEPTH	NO.	PRICE
1	12	6	MD-TE60-100X12	77.04
1	22	16	MD-TE60-100X22	109.04
1	36	28	MD-TE60-100X36	188.12
1-1/8	22	16	MD-TE60-108X22	109.04
1-1/8	36	28	MD-TE60-108X36	188.12
1-1/4	16	10	MD-TE60-116X16	108.74
1-1/4	22	16	MD-TE60-116X22	129.88
1-1/4	36	28	MD-TE60-116X36	206.10
1-3/8	22	16	MD-TE60-124X22	162.54
1-3/8	36	28	MD-TE60-124X36	241.24
1-1/2	16	10	MD-TE60-132X16	128.18
1-1/2	22	16	MD-TE60-132X22	164.48
1-1/2	36	28	MD-TE60-132X36	276.42

**CARBIDE TIPPED**  
**MASONRY HAMMER DRILLS - 4 SLOT SHANK**

**ICS USA**

**HEAVY DUTY**

**HAMMER DRILL POINT**

4 SLOT  
MAGIC SHANK



PARABOLIC  
FLUTE

4 Slot Shank Carbide Tipped Masonry Hammers Drills are for use in Ramset Dinadrill #330 or any SDS style power drill. They fit all two and four slot drive systems. Special impact carbide tip with negative angle and 130° point.

NOMINAL		DRILLING	ITEM	
SIZE	LENGTH	DEPTH	NO.	PRICE
3/16	4-1/2	2	MD-RAM012X04	9.38
3/16	6	4	MD-RAM012X06	11.44
1/4	4-1/2	2	MD-RAM016X04	11.44
1/4	6-1/2	4	MD-RAM016X06	12.62
1/4	8	6	MD-RAM016X08	16.24
5/16	6	4	MD-RAM020X06	15.86
5/16	9	6	MD-RAM020X09	16.76
5/16	12	10	MD-RAM020X12	25.54
3/8	6-1/2	4	MD-RAM024X06	14.12
3/8	9	6	MD-RAM024X09	19.30
3/8	12	10	MD-RAM024X12	25.88
7/16	6	4	MD-RAM028X06	20.32
7/16	12	10	MD-RAM028X12	26.60
7/16	18	16	MD-RAM028X18	36.82
1/2	6-1/2	4	MD-RAM032X06	18.24
1/2	9	6	MD-RAM032X09	25.64
1/2	14	10	MD-RAM032X14	31.16
1/2	18	16	MD-RAM032X18	38.74

NOMINAL		DRILLING	ITEM	
SIZE	LENGTH	DEPTH	NO.	PRICE
9/16	6	4	MD-RAM036X06	24.96
9/16	12	10	MD-RAM036X12	34.04
9/16	18	16	MD-RAM036X18	44.44
5/8	6	4	MD-RAM040X06	26.88
5/8	9	6	MD-RAM040X09	30.12
5/8	12	8	MD-RAM040X12	40.58
5/8	18	16	MD-RAM040X18	53.80
11/16	6	4	MD-RAM044X06	43.88
3/4	6	4	MD-RAM048X06	39.30
3/4	9	6	MD-RAM048X09	43.28
3/4	12	10	MD-RAM048X12	50.28
3/4	18	16	MD-RAM048X18	61.52
27/32	6	4	MD-RAM054X06	56.46
7/8	6	4	MD-RAM056X06	50.50
7/8	9	6	MD-RAM056X09	55.22
7/8	18	16	MD-RAM056X18	76.70
1	10	6	MD-RAM100X10	63.06
1	18	16	MD-RAM100X18	84.44

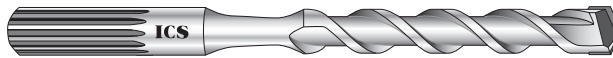
# MASONRY HAMMER DRILLS - SDS-MAX

ICS USA

HEAVY DUTY

HAMMER DRILL POINT

5 SLOT  
SDS-MAX SHANK



PARABOLIC  
FLUTE

SINGLE CUTTER DESIGN

Carbide Tipped SDS-MAX Heavy Duty Slot Drive Masonry Hammer Drills with single cutting edge are designed for use with large SDS-MAX drive rotary hammers. SDS-MAX drive hammer bits have 5 U-shaped slots cut into the .708 diameter shank, 3 positive rotary drive slots, and 2 ball retainer slots to hold bit in rotary hammer. They are used for drilling large diameter holes in concrete, masonry and stone.

NOMINAL		DRILLING DEPTH	ITEM NO.	PRICE
SIZE	LENGTH			
3/8	13-1/2	7	MD-MAX024X13	59.24
1/2	13-1/2	7	MD-MAX032X13	61.52
1/2	21	16	MD-MAX032X21	74.54
1/2	30	25	MD-MAX032X30	-
1/2	36	31	MD-MAX032X36	124.66
9/16	13	7	MD-MAX036X13	61.40
9/16	21	16	MD-MAX036X21	85.26
5/8	13	7	MD-MAX040X13	62.64
5/8	21	16	MD-MAX040X21	82.40
5/8	30	25	MD-MAX040X30	82.40
5/8	36	31	MD-MAX040X36	142.62
3/4	13	7	MD-MAX048X13	56.76
3/4	21	16	MD-MAX048X21	73.86
3/4	30	25	MD-MAX048X30	-
3/4	36	31	MD-MAX048X36	149.94
7/8	13	8	MD-MAX056X13	68.10
7/8	21	16	MD-MAX056X21	85.00
1	13	8	MD-MAX100X13	77.04
1	21	16	MD-MAX100X21	100.32
1	36	31	MD-MAX100X36	188.16
1-1/8	13	8	MD-MAX108X13	85.74
1-1/8	21	16	MD-MAX108X21	109.04
1-1/4	15	10	MD-MAX116X15	108.74
1-1/4	21	16	MD-MAX116X21	129.88
1-3/8	21	16	MD-MAX124X21	162.64
1-1/2	21	16	MD-MAX132X21	164.48

5 SLOT SHANK (SDS-MAX®) BITS FIT THE FOLLOWING HAMMERS  
(Complete Global Reference on Pages 28-29)

BOSCH®	HILTI®	HILTI®
11216	TE-54	TE 52, 60
SDS-MAX	TE-Y (New)	TE 72, 92

## Quick Reference for 5 Slot Shank (SDS-MAX) Tools

SDS ADAPTERS	A & B TAPER ADAPTERS	HAMMER CORE BITS	HAMMER CHISELS
PAGE NO. OF ITEMS AVAILABLE			
15	22	7-8	26-27

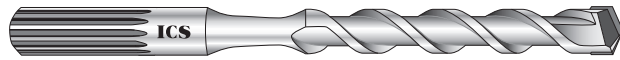
**CARBIDE TIPPED**  
**MASONRY HAMMER DRILLS - SDS-MAX**

**ICS USA**

**HEAVY DUTY**

**HAMMER DRILL POINT**

5 SLOT  
SDS-MAX SHANK



PARABOLIC  
FLUTE

MULTI CUTTER DESIGN

Carbide Tipped SDS-MAX Heavy Duty Slot Drive Masonry Hammer Drills with 4 cross cutting edges are designed for use with large SDS-MAX drive rotary hammers. The 4 cross cutting edges pulverize the material to be drilled better and quicker than single edge hammer bits. SDS-MAX drive hammer bits have 5 U-shaped slots cut into the .708" diameter shank, 3 positive rotary drive slots, and 2 ball retainer slots to hold bit in rotary hammer. It is the toughest drill of its kind and is often used instead of a carbide tipped core drill for drilling large diameter holes in concrete, masonry and stone.

NOMINAL		DRILLING DEPTH	ITEM NO.	PRICE
SIZE	LENGTH			
1/2	30	24	MD-MAXX032X30	108.34
1/2	36	30	MD-MAXX032X36	124.10
9/16	13	7	MD-MAXX036X13	61.40
9/16	21	15	MD-MAXX036X21	85.26
5/8	13	7	MD-MAXX040X13	82.40
5/8	21	15	MD-MAXX040X21	82.40
5/8	30	24	MD-MAXX040X30	113.88
3/4	13	7	MD-MAXX048X13	56.76
3/4	21	15	MD-MAXX048X21	73.86
3/4	30	24	MD-MAXX048X30	117.50
7/8	13	7	MD-MAXX056X13	68.10
7/8	21	15	MD-MAXX056X21	85.00
1	13	7	MD-MAXX100X13	77.04
1	21	15	MD-MAXX100X21	85.00
1	36	30	MD-MAXX100X36	188.16
1-1/8	13	7	MD-MAXX108X13	85.74
1-1/8	21	15	MD-MAXX108X21	109.04
1-1/4	15	9	MD-MAXX116X15	109.04
1-1/4	21	15	MD-MAXX116X21	129.88
1-3/8	21	15	MD-MAXX124X21	162.64
1-1/2	15	9	MD-MAXX132X15	128.18
1-1/2	21	15	MD-MAXX132X21	164.50

5 SLOT SHANK (SDS-MAXX®) BITS FIT THE FOLLOWING HAMMERS  
 (Complete Global Reference on Pages 28-29)

BOSCH®	HILTI®	HILTI®
11216	TE-54	TE 52, 60
SDS-MAX	TE-Y (New)	TE 72, 92

**Quick Reference for 5 Slot Shank (SDS-MAX) Tools**

SDS ADAPTERS	A & B TAPER ADAPTERS	HAMMER CORE BITS	HAMMER CHISELS
<b>PAGE NO. OF ITEMS AVAILABLE</b>			
15	22	7-8	26-27

# CARBIDE TIPPED MASONRY HAMMER DRILLS - SPLINE SHANK SINGLE CUTTER DESIGN

**ICS** USA/EUR

**HEAVY DUTY**

**HAMMER DRILL POINT**

SPLINE SHANK



PARABOLIC FLUTE

Carbide Tipped Spline Shank Drive Masonry Hammer Drills with a single cutting edge are designed for use with spline-drive rotary hammers. Spline drive hammer bits have 12 splines cut into the 3/4" diameter shank to ensure a positive fit between the bit and the bit holder on a spline drive rotary hammer which makes possible the most power transmission to the cutting edge for high speed drilling of large diameter holes in concrete, masonry and stone.

NOMINAL		DRILLING	ITEM	
SIZE	LENGTH	DEPTH	NO.	PRICE
3/8	12	6	MD-S024X12	47.72
3/8	18	12	MD-S024X18	59.98
1/2	12	6	MD-S032X12	47.72
1/2	16	10	MD-S032X16	52.92
1/2	22	16	MD-S032X22	71.12
1/2	36	28	MD-S032X36	112.90
9/16	12	6	MD-S036X12	50.58
5/8	12	6	MD-S040X12	50.58
5/8	16	10	MD-S040X16	52.92
5/8	22	16	MD-S040X22	71.82
5/8	36	28	MD-S040X36	143.00
11/16	12	6	MD-S044X12	68.22
3/4	12	6	MD-S048X12	54.10
3/4	16	10	MD-S048X16	56.46
3/4	22	16	MD-S048X22	74.00
3/4	36	28	MD-S048X36	149.46
7/8	12	6	MD-S056X12	62.68
7/8	16	10	MD-S056X16	69.28
7/8	22	16	MD-S056X22	79.72

NOMINAL		DRILLING	ITEM	
SIZE	LENGTH	DEPTH	NO.	PRICE
7/8	36	22	MD-S056X36	151.70
1	12	6	MD-S100X12	65.86
1	16	10	MD-S100X16	75.26
1	22	16	MD-S100X22	88.80
1	36	28	MD-S100X36	188.16
1-1/8	16	10	MD-S108X16	85.86
1-1/8	22	16	MD-S108X22	99.96
1-1/8	36	28	MD-S108X36	209.18
1-1/4	16	10	MD-S116X16	89.38
1-1/4	22	16	MD-S116X22	110.54
1-1/4	36	28	MD-S116X36	229.18
1-3/8	16	10	MD-S124X16	99.96
1-3/8	22	16	MD-S124X22	128.18
1-3/8	36	28	MD-S124X36	268.26
1-1/2	16	10	MD-S132X16	117.60
1-1/2	22	16	MD-S132X22	147.00
1-1/2	36	28	MD-S132X36	307.38
2	16	10	MD-S200X16	205.80
2	22	16	MD-S200X22	232.86

**SPLINE DRIVE BITS (MD-S) FIT THE FOLLOWING HAMMERS**  
(Complete Global Reference on Pages 162-163)

AEG ®	B&D ®	BOSCH ®	HITACHI ®	METABO ®	MILWAUKEE ®
PH-350	5041	11202	DH 38 YA	RH 66	47
PH-350 D	5042	11203	DS 50 SB	RH 99	48
PH-350 HD	5043	11204	DS 50 SB	RH 99X	5343
PH-2400	5044	11205	DH 384 A	1129	5344
PH-38	2022	11206		1128	5347
PHD-38	2032	11208		1130	5348
PHD-26	2038	11209		1131	
PH-240 D		11214			

KANGO ®	MAKITA ®	ITT PHILIPS ®	PORTER CABLE ®	RAMSET ®	RYOBI ®
637 S	HR 3851	747-2	639	442	ED 382 P
950 S		<b>RED HEAD®</b>		445	
		747-2			

## Quick Reference for Spline Shank (MD-S) Tools

SDS ADAPTERS	A & B TAPER ADAPTERS	HAMMER CORE BITS	HAMMER CHISELS
<b>PAGE NO. OF ITEMS AVAILABLE</b>			
15	22	7-8	26-27

**CARBIDE TIPPED**  
**MASONRY HAMMER DRILLS - SPLINE SHANK**  
**MULTI CUTTER DESIGN**

**ICS USA**

**HEAVY DUTY**

**CROSS HEAD POINT**

**SPLINE SHANK**



**PARABOLIC FLUTE**

Carbide Tipped Spline Shank Drive Masonry Hammer Drills with 4 cross cutting edges are designed for use with spline drive rotary hammers. The 4 cross cutting edges pulverize the material to be drilled better and quicker than single edge hammer bits. Spline drive hammer bits have 12 splines cut into the 3/4" diameter shank to ensure a positive fit between the bit and the bit holder on a spline drive rotary hammer which makes possible the most power transmission to the cutting edge for high speed drilling of large diameter holes in concrete, masonry and stone.

NOMINAL		DRILLING DEPTH	ITEM NO.
SIZE	LENGTH		
3/4	12	6	MD-SX048X12
3/4	18	12	MD-SX048X18
3/4	23	17	MD-SX048X23
7/8	12	6	MD-SX056X12
7/8	18	12	MD-SX056X18
7/8	23	17	MD-SX056X23
1	12	6	MD-SX100X12
1	18	12	MD-SX100X18
1	23	17	MD-SX100X23
1-1/8	18	12	MD-SX108X18

NOMINAL		DRILLING DEPTH	ITEM NO.
SIZE	LENGTH		
1-1/8	23	17	MD-SX108X23
1-1/4	18	12	MD-SX116X18
1-1/4	23	17	MD-SX116X23
1-3/8	23	17	MD-SX124X23
1-1/2	18	12	MD-SX132X18
1-1/2	23	17	MD-SX132X23
1-5/8	23	17	MD-SX140X23
1-3/4	23	17	MD-SX148X23
2	23	17	MD-SX200X23

**SPLINE DRIVE BITS (MD-SX) FIT THE FOLLOWING HAMMERS**  
 (Complete Global Reference on Pages 29-30)

AEG ®	B&D ®	BOSCH ®	HITACHI ®	METABO ®	MILWAUKEE ®
PH-350	5041	11202	DH 38 YA	RH 66	47
PH-350 D	5042	11203	DS 50 SB	RH 99	48
PH-350 HD	5043	11204	DS 50 SB	RH 99X	5343
PH-2400	5044	11205	DH 384 A	1129	5344
PH-38	2022	11206		1128	5347
PHD-38	2032	11208		1130	5348
PHD-26	2038	11209		1131	
PH-240 D		11214			

KANGO ®	MAKITA ®	ITT PHILIPS ®	PORTER CABLE ®	RAMSET ®	RYOBI ®
637 S 950 S	HR 3851	747-2	639	442 445	ED 382 P
		<b>RED HEAD®</b> 747-2			

**Quick Reference for Spline Shank (MD-SX) Tools**

SDS ADAPTERS	A & B TAPER ADAPTERS	HAMMER CORE BITS	HAMMER CHISELS
<b>PAGE NO. OF ITEMS AVAILABLE</b>			
15	22	7-8	26-27

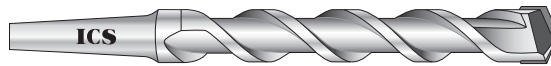
# MASONRY HAMMER BITS - "A" TAPER SHANK

ICS USA

HEAVY DUTY

HAMMER DRILL POINT

"A" TAPER SHANK



PARABOLIC FLUTE

Carbide Tipped "A" Taper Shank Masonry Hammer Bits are designed to fit into "A" taper chuck adapters which allow "A" taper shank masonry hammer bits to be used with almost any current or discontinued model hammer drill. They are manufactured with a taper of 1:20 and are intended for drilling holes from 3/16" to 7/8" in concrete, masonry and stone. They are also known as Taper Shank Rotary Hammer Drill Bits.

NOMINAL		DRILLING	ITEM	
SIZE	LENGTH	DEPTH	NO.	PRICE
3/16	6	3-1/2	MD-A012X06	9.60
1/4	6	3-1/2	MD-A016X06	9.14
1/4	12	10	MD-A016X12	21.06
5/16	6	3-1/2	MD-A020X06	10.90
3/8	6	3-1/2	MD-A024X06	11.72
3/8	9	6	MD-A024X09	14.36
3/8	12	9	MD-A024X12	20.72
3/8	20	18	MD-A024X20	31.84
7/16	6	3-1/2	MD-A028X06	16.46
1/2	6	3-1/2	MD-A032X06	14.60
1/2	9	6	MD-A032X09	19.90
1/2	12	9	MD-A032X12	25.24
1/2	20	17	MD-A032X20	33.48

NOMINAL		DRILLING	ITEM	
SIZE	LENGTH	DEPTH	NO.	PRICE
9/16	5 - 6	3-1/2	MD-A036X06	17.38
9/16	9	6	MD-A036X09	20.24
5/8	5 - 6	3	MD-A040X06	19.20
5/8	9	6	MD-A040X09	24.70
5/8	12	9	MD-A040X12	33.70
5/8	18	16	MD-A040X18	43.16
11/16	5 - 6	3	MD-A044X06	23.42
11/16	9	5	MD-A044X09	26.32
3/4	5-1/2 - 6	3	MD-A048X06	24.46
3/4	9	6	MD-A048X09	33.06
3/4	12	9	MD-A048X12	38.82
3/4	18	16	MD-A048X18	49.00
7/8	6	4	MD-A056X06	37.64

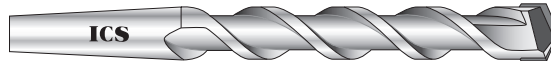
# MASONRY HAMMER BITS - "B" TAPER SHANK

ICS USA

HEAVY DUTY

HAMMER DRILL POINT

"B" TAPER SHANK



PARABOLIC FLUTE

Carbide Tipped "B" Taper Shank Masonry Hammer Bits are designed to fit into "B" taper chuck adapter which allow "B" taper shank masonry hammer bits to be used with almost any current or discontinued model hammer drill. They are manufactured with a taper of 1:10 and are intended for drilling holes from 1/2" to 1-1/4" in concrete, masonry and stone. They are also known as Taper Shank Rotary Hammer Drill Bits.

NOMINAL		DRILLING	ITEM	
SIZE	LENGTH	DEPTH	NO.	PRICE
1/2	9	6	MD-B032X09	20.44
1/2	12	9	MD-B032X12	25.02
1/2	14	11	MD-B032X14	27.06
1/2	20	16	MD-B032X20	33.38
9/16	9	6	MD-B036X09	23.02
9/16	18	14	MD-B036X18	33.52
5/8	9	6	MD-B040X09	24.96
5/8	14	10	MD-B040X14	28.06
5/8	18-20	16	MD-B040X20	40.82
5/8	30	28	MD-B040X30	94.08
11/16	9	6	MD-B044X09	30.00
11/16	18	16	MD-B044X18	40.74

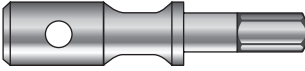
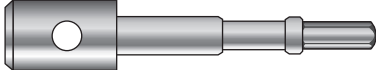

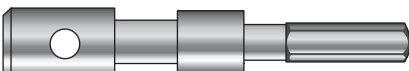
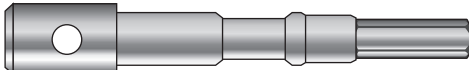
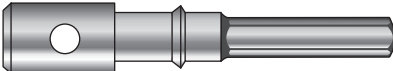
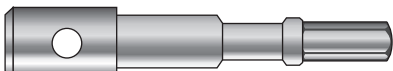






NOMINAL		DRILLING	ITEM	
SIZE	LENGTH	DEPTH	NO.	PRICE
3/4	9	6	MD-B048X09	37.76
3/4	12-14	10	MD-B048X14	38.78
3/4	18-20	16	MD-B048X20	55.28
27/32	9	7	MD-B054X09	38.22
7/8	9	6	MD-B056X09	45.46
7/8	18	16	MD-B056X18	65.16
1	9	6	MD-B100X09	51.84
1	18	16	MD-B100X18	70.64
1-1/8	9	6	MD-B108X09	52.92
1-1/8	18	16	MD-B108X18	83.00
1-1/4	9	6	MD-B116X09	74.68
1-1/4	18	16	MD-B116X18	92.32

# TAPER CHUCK ADAPTERS

ADAPTERS FOR "A" AND "B" TAPER MASONRY DRILLS

ICS USA

Taper chuck adapters allow you to use "A" or "B" taper shank masonry bits with almost any make of electric hammer drill. Each shank configuration will fit the hammer drill model numbers listed. A drift pin is included with each adapter.

ILLUSTRATION	FITS HAMMER MODEL	ITEM NO.		PRICE
		A TAPER	B TAPER	
	Skil 706, 707, 708 Skil 1706 B & D 5040, 5049 Rockwell 600, 601 Ramset 620	<b>AT-706</b>	-	45.86
	Skil 717	<b>AT-717S</b>	-	45.86
	B & D 717, 718, 719 B & D 5045, 5050 B & D 5046	<b>AT-717BD</b>	<b>BT-717BD</b>	45.86
	Skil 726 Milw 5300, 5310 Milw 5305, 5315	<b>AT-726</b>	<b>BT-726</b>	45.86
	Skil 728, 731, 732, 628 Rockwell 602, 605, 606 Rockwell 1602 B & D 5048 Milw 5325, 5326 Miller Falls SP499K	<b>AT-728</b>	<b>BT-728</b>	45.86
	Skil 736	-	<b>BT-736</b>	57.62
	Phillips 747, 700 Bosch 11201 Metabo RH 90, 65	<b>AT-747</b>	<b>BT-747</b>	49.40
	Ramset 330	<b>AT-RAM</b>	<b>BT-RAM</b>	38.82
	Fits all popular 4 slot power tools. See pages 162 - 163 for complete listing.	<b>AT-SDS</b>	<b>BT-SDS</b>	33.52
	Fits all popular spline drive power tools. See pages 162 - 163 for complete listing.	<b>AT-Spline</b>	<b>BT-Spline</b>	33.52
	Hilti TE 52, 60, 70, 92	<b>AT-TE60</b>	<b>BT-TE60</b>	42.34
	Wacker	<b>AT-Wacker</b>	<b>BT-Wacker</b>	57.62
	Bosch 11216, SDS-MAX Hilti TE 64, TE-Y Hilti TE 52, 60 Hilti TE 72, 92	<b>AT-MAX</b>	-	42.34



# MASONRY (9/16" HEX SHANK) HAMMER DRILLS

**ICS USA**

**HEAVY DUTY**

**HAMMER DRILL POINT**

SKIL 728  
HEX SHANK



WIDE  
SPIRAL

Carbide Tipped Heavy Duty 9/16" Hex Shank Masonry Hammer Drills, commonly classified as the Skil 728 Hex Shank, are designed to fit the following 9/16" hex drive rotary hammers:

Skil 628, 728, 731, 731, 732, 1760  
Milwaukee 5325, 5326

Black and Decker 5048  
Miller Falls SP 499K

Rockwell 602, 1602, 606, 616

(Complete Global Reference on Pages 162-163)

9/16" Hex shank rotary hammer drills have 6 flats on the shank to ensure a positive drive action and a flat bottom on the end of the shank for tough hammering of aggregate. They are used for drilling holes from 3/8" to 1-1/2" in concrete, masonry and stone.

NOMINAL		DRILLING DEPTH	ITEM NO.	PRICE
SIZE	LENGTH			
7/16	10	4-1/2	MD-728-028X10	46.58
9/16	13	7	MD-728-036X13	56.38
5/8	10	4-1/2	MD-728-040X10	58.78
5/8	16	10-1/2	MD-728-040X16	73.42
11/16	13	7	MD-728-044X13	66.24
7/8	10	4-1/2	MD-728-056X10	69.04
7/8	17	11-1/2	MD-728-056X17	86.94
7/8	22	16-1/2	MD-728-056X22	97.90

NOMINAL		DRILLING DEPTH	ITEM NO.	PRICE
SIZE	LENGTH			
1-1/8	17	11-1/2	MD-728-108X17	103.58
1-1/8	22	17	MD-728-108X22	120.48
1-1/4	17	11-1/2	MD-728-116X17	126.34
1-3/8	17	11-1/2	MD-728-124X17	143.24
1-3/8	22	17	MD-728-124X22	167.62
1-1/2	17	11-1/2	MD-728-132X17	158.70
1-1/2	22	17	MD-728-132X22	187.40

# MASONRY (3/4" HEX SHANK) HAMMER DRILLS

**ICS USA**

**HEAVY DUTY**

**HAMMER DRILL POINT**

SKIL 736  
HEX SHANK



WIDE  
SPIRAL

Carbide Tipped Heavy Duty 3/4" Hex Shank Masonry Hammer Drills, commonly classified as the Skil 736 Hex Shank, are designed to fit the following 3/4" hex drive rotary hammers.

Skil 736, 1770

Stanley HD20, 45

3/4" Hex shank rotary hammer drills have 6 flats on the shank to ensure a positive drive action and a flat bottom on the end of the shank for tough hammering of aggregate. They are used for drilling holes from 3/4" to 2" in concrete, masonry and stone.

NOMINAL		DRILLING DEPTH	ITEM NO.	PRICE
SIZE	LENGTH			
3/4	24	18	MD-736-048X24	138.44
3/4	36	30	MD-736-048X36	388.08
7/8	24	18	MD-736-056X24	153.14
1	18	12	MD-736-100X18	124.20
1	24	18	MD-736-100X24	164.30
1-1/8	24	18	MD-736-108X24	181.62

NOMINAL		DRILLING DEPTH	ITEM NO.	PRICE
SIZE	LENGTH			
1-1/8	36	30	MD-736-108X36	365.76
1-1/8	48	42	MD-736-108X48	679.00
1-1/4	24	18	MD-736-116X24	224.56
1-1/4	36	30	MD-736-116X36	402.20
1-1/2	24	18	MD-736-132X24	349.82
2	24	18	MD-736-200X24	679.00

**CARBIDE TIPPED**

**MASONRY (21.0MM HEX SHANK) HAMMER DRILLS**

**ICS USA**

**HEAVY DUTY**

**HAMMER DRILL POINT**

**KANGO 950  
HEX SHANK**



**PARABOLIC  
FLUTE**

Carbide Tipped Heavy Duty 21.0mm Hex Shank Masonry Drills, commonly classified as the Kango 950 Hex Shank, are designed to fit the following 21.0mm hex drive rotary hammers:

Kango 950, 900, 1400, 450x, 950x      Hitachi DH505A, H555A  
Makita HR5000R/K, HM1200K      Ryobi CH 485PK

21.0mm hex shank rotary hammer drills have 6 flats on the shank to ensure a positive drive action and a flat bottom on the end of the shank for tough hammering of aggregate. They are used for drilling holes from 5/8" to 1-3/4" in concrete, masonry and stone.

NOMINAL		DRILLING DEPTH	ITEM NO.	PRICE
SIZE	LENGTH			
5/8	14	7	MD-950-040X14	63.36
5/8	19	12	MD-950-040X19	74.84
5/8	25	18	MD-950-040X25	108.98
3/4	25	18	MD-950-048X25	127.12
7/8	14	7	MD-950-056X14	98.28
7/8	25	18	MD-950-056X25	137.64
1	14	7	MD-950-100X14	98.28
1	25	18	MD-950-100X25	138.18

NOMINAL		DRILLING DEPTH	ITEM NO.	PRICE
SIZE	LENGTH			
1-1/8	14	7	MD-950-108X14	113.62
1-1/8	25	18	MD-950-108X25	156.42
1-1/4	14	7	MD-950-116X14	138.84
1-1/4	25	18	MD-950-116X25	204.98
1-1/2	14	7	MD-950-132X14	166.50
1-1/2	25	18	MD-950-132X25	238.28
1-3/4	25	18	MD-950-148X25	404.22

**CARBIDE TIPPED**

**MASONRY (19.0MM HEX SHANK) HAMMER DRILLS**

**ICS USA**

**HEAVY DUTY**

**HAMMER DRILL POINT**

**KANGO 637  
HEX SHANK**



**PARABOLIC  
FLUTE**

Carbide Tipped Heavy Duty 19.0mm Hex Shank Masonry Drills, commonly classified as the Kango 637 Hex Shank, are designed to fit the following 19.0mm hex drive rotary hammers:

Kango 500,501, 625, 627, 637, 750, 750x      Rockwell 605, 607, 637, 750, 750x, 60

19.0mm hex shank rotary hammer drills have 6 flats on the shank to ensure a positive drive action and a flat bottom on the end of the shank for tough hammering of aggregate. They are used for drilling holes from 5/8" to 1-3/4" in concrete, masonry and stone.

NOMINAL		DRILLING DEPTH	ITEM NO.	PRICE
SIZE	LENGTH			
1/2	23	13	MD-637-032X23	78.40
5/8	13	7	MD-637-040X13	59.78
5/8	19	13	MD-637-040X19	71.70
5/8	23	17	MD-637-040X23	78.90
3/4	23	17	MD-637-048X23	88.50

NOMINAL		DRILLING DEPTH	ITEM NO.	PRICE
SIZE	LENGTH			
7/8	13	7	MD-637-056X13	84.36
7/8	23	17	MD-637-056X23	104.76
1	23	17	MD-637-100X23	121.42
1-1/4	19	13	MD-637-116X19	166.00




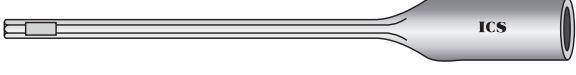
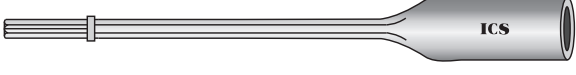
# ELECTRIC HAMMER CHISELS




**ICS USA**

**HEAVY DUTY**

**FORGED STEEL**

ICS Electric Hammer Chisels are available in a variety of shank styles. The descriptions below will assist the hammer drill user in making a selection for their specific application.

ILLUSTRATION	SHANK STYLE	FITS/APPLICATION
	SPLINE (5/8" ROUND HEX)	Fits all makes of Spline Drive Hammers. Round hex shank works effectively in Spline Drive machines made with and without rotation / hammer only switches.
	SDS-PLUS	Fits all popular 4 slot power tools. Operator simply moves selector switch to percussion only mode to use.
	BOSCH SDS-MAX	Fits directly into new Bosch SDS-MAX Hammers and Hilti Hammers with large 2 slot bit locking systems.
	HEX-DEMOLITION (3/4" HEX)	Fits Bosch Models 11302 and 11305
	HEX-BREAKER (1-1/8" HEX)	Fits Bosch Model 11304 Hex Shank Chisels come with internal locks for Demolition Hammers and External Collars for Pneumatic Hammers.

DESCRIPTION	SIZE	NOMINAL LENGTH	SHANK STYLE	ITEM NO.	PRICE
<p><b>BULL (MOIL) POINT</b></p>  <p>Electric Hammer Bull Point Chisels are designed for light demolition work and starting holes in concrete slabs, brick, mortar, slate etc. They are also known as Electric Hammer Moil Point Chisels.</p>	(PT.)	12	SPLINE	<b>EHC-BP-12S</b>	25.28
	(PT.)	18	SPLINE	<b>EHC-BP-18S</b>	32.62
	(PT.)	10	SDS-PLUS	<b>EHC-BP-10SDS</b>	32.72
	(PT.)	12	SDS-MAX	<b>EHC-BP-12MAX</b>	26.64
	(PT.)	16	SDS-MAX	<b>EHC-BP-16MAX</b>	32.82
	(PT.)	12	HEX (3/4)	<b>EHC-BP-12HD</b>	25.28
	(PT.)	18	HEX (3/4)	<b>EHC-BP-18HD</b>	32.62
	(PT.)	12	HEX (1-1/8)	<b>EHC-BP-12HB</b>	47.54
<p><b>FLAT (COLD) CHISEL</b></p>  <p>Electric Hammer Flat Chisels are designed for edging, chipping, scaling or channeling concrete, masonry or brick. They are also known as Electric Hammer Cold Chisels.</p>	1	12	SPLINE	<b>EHC-FC-12S</b>	25.28
	1	18	SPLINE	<b>EHC-FC-18S</b>	32.62
	1	10	SDS-PLUS	<b>EHC-FC-10SDS</b>	32.72
	1	12	SDS-MAX	<b>EHC-FC-12MAX</b>	26.64
	1	16	SDS-MAX	<b>EHC-FC-16MAX</b>	32.82
	1	12	HEX (3/4)	<b>EHC-FC-12HD</b>	23.68
	1	18	HEX (3/4)	<b>EHC-FC-18HD</b>	32.40
	1	12	HEX (1-1/8)	<b>EHC-FC-12HB</b>	47.54
1	18	HEX (1-1/8)	<b>EHC-FC-18HB</b>	55.04	
<p><b>SCALING CHISEL</b></p>  <p>Electric Hammer Scaling Chisels are designed for removing scale, rust, concrete and weld spatter. They are also known as Electric Hammer Wide Chisels.</p>	1-1/2	12	SPLINE	<b>EHC-SC-12S-A</b>	34.42
	1-1/2	18	SPLINE	<b>EHC-SC-18S-A</b>	41.02
	2	12	SPLINE	<b>EHC-SC-12S-B</b>	44.00
	2	18	SPLINE	<b>EHC-SC-18S-B</b>	45.98
	1-1/2	10	SDS-PLUS	<b>EHC-SC-10SDS-A</b>	34.34
	2	12	SDS-MAX	<b>EHC-SC-12MAX</b>	38.18
	2	16	SDS-MAX	<b>EHC-SC-16MAX</b>	66.50
	1-1/2	12	HEX (3/4)	<b>EHC-SC-12HD-A</b>	37.86
	1-1/2	18	HEX (3/4)	<b>EHC-SC-18HD-A</b>	37.86
	2	12	HEX (3/4)	<b>EHC-SC-12HD-B</b>	31.48
	2	18	HEX (3/4)	<b>EHC-SC-18HD-B</b>	41.02




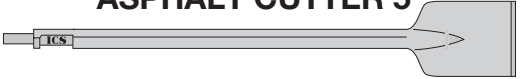
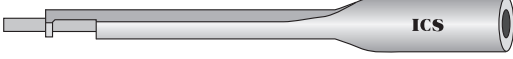

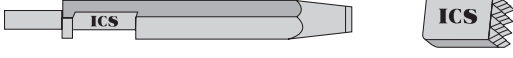

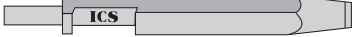
# ELECTRIC HAMMER CHISELS

MAS-27

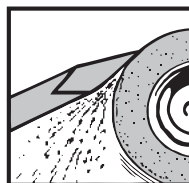
ICS USA

HEAVY DUTY

FORGED STEEL

DESCRIPTION	SIZE	NOMINAL LENGTH	SHANK STYLE	ITEM NO.	PRICE
<b>SLOTING TOOL</b>  Electric Hammer Slotting Chisels are designed for slotting and cutting web between drilled holes in concrete to make larger openings. Alternately known as an Electric Hammer Slotting Tool.	1/8	12	SPLINE	<b>EHC-ST-12S</b>	34.42
	1-1/4	12	SDS-MAX	<b>EHC-ST-12MAX</b>	42.40
	1-1/8	12	HEX (3/4)	<b>EHC-ST-12HD</b>	34.42
<b>MORTAR (SEAM) CHISEL</b>  Electric Hammer Mortar Chisels are for removing old mortar between bricks before tuck pointing or caulking. They can also be used to cut narrow channels or to remove bricks in wall for installing insulation. They are also known as Electric Hammer Seam Chisels or Brick Removing Chisels.	1-1/8	15	SPLINE	<b>EHC-MC-15S</b>	30.10
	1-1/8	12	SDS-MAX	<b>EHC-MC-12MAX</b>	44.48
	1-1/8	15	HEX (3/4)	<b>EHC-MC-15HD</b>	27.60
<b>CLAY SPADE 5-1/2"</b>  Electric Hammer Clay Spade Chisels are designed for digging out clay, hard packed gravel, dirt, shale etc... They are primarily used for landscaping and are not for use in concrete.	4-1/2	18	SPLINE	<b>EHC-CS-18S</b>	132.74
	4-1/2	16	SDS-MAX	<b>EHC-CS-16MAX</b>	128.74
	4-1/2	18	HEX (3/4)	<b>EHC-CS-18HD</b>	104.32
	5-1/2	16	HEX (1-1/8)	<b>EHC-CS-16HB</b>	195.32
<b>ASPHALT CUTTER 5"</b>  Electric Hammer Asphalt Cutter Chisels are designed for cutting or breaking up asphalt or hard ground. They are primarily used for road maintenance and are not for use in concrete. They are also known as Tarmac Chisels.	5	16	HEX (1-1/8)	<b>EHC-AC-16HB</b>	148.24
	5	16	HEX (3/4)	<b>EHC-AC-16HD</b>	127.46
	5	16	SDS-MAX	<b>EHC-AC-16MAX</b>	157.08
<b>GROUND ROD DRIVER</b>  Electric Hammer Ground Rod Drivers are designed for driving 5/8" or 3/4" electrical grounding rods into earth near the edge of structure foundation or for installing parking bumpers.	5/8 - 3/4	11	SPLINE	<b>EHC-GRD-11S</b>	128.12
	5/8 - 3/4	11	SDS-MAX	<b>EHC-GRD-11MAX</b>	128.12
	5/8 - 3/4	11	HEX (3/4)	<b>EHC-GRD-11HD</b>	123.16
<b>BUSHING TOOL (1 PC TOOL)</b>  The 1 Piece Electric Hammer Bushing Tool is a solid forged hammer chisel designed for roughing up concrete and asphalt prior to resurfacing. May be used to produce a rough exterior finish.	1-1/2 x 1-1/2	8	SPLINE	<b>EHC-BT-S</b>	112.62
	1-1/2 x 1-1/2	10	MAX	<b>EHC-BT-MAX</b>	122.06
	1-1/2 x 1-1/2	8	HEX (3/4)	<b>EHC-BT-HD</b>	112.62
	1-1/4 x 1-1/4	11-1/2	SDS-PLUS	<b>EHC-BT-SDS</b>	122.06
<b>BUSHING TOOL (2 PC TOOL KIT)</b>  The 2 Piece Electric Hammer Bushing Tool has a replaceable tool head and tool shank. It is designed for roughing up concrete and asphalt prior to resurfacing. It may also be used to produce a rough exterior finish.	1-1/2 x 1-1/2	8	SPLINE	<b>EHC-BTK-S</b>	61.74
	1-1/2 x 1-1/2	10	SDS-MAX	<b>EHC-BTK-MAX</b>	100.34
	1-1/2 x 1-1/2	8	HEX (3/4)	<b>EHC-BTK-HD</b>	79.86
<b>BUSHING TOOL HEADS</b>  Electric Hammer Bushing Tool Heads are designed to fit any style bushing tool shank or stem, They are also known as Bushing Hammer Tools.	1-1/2 x 1-1/2	-	FITS ALL SHANKS	<b>EHC-BTH</b>	119.02
<b>BUSHING TOOL SHANK (STEMS)</b>  Electric Hammer Bushing Tools Shanks are designed to fit all Spline, SDS-MAX, or 3/4" Hex Drive Hammer Drills. They are also known as Electric Hammer Bushing Tool Stems or Bushing Drivers.		8	SPLINE	<b>EHC-BTS-8S</b>	22.66
		10	SDS-MAX	<b>EHC-BTS-10MAX</b>	53.74
		8	HEX (3/4)	<b>EHC-BTS-8HD</b>	22.34

**NOTE:** Other styles and sizes available on request.



All ICS Electric Hammer Chisels are heat treated for Heavy Duty use and can be easily maintained using simple hand grinding.

# ROTARY HAMMER DRILL INDEX

## GLOBAL REFERENCE

ROTARY HAMMER DRILL MODEL	SHANK STYLE	DRILL BITS	SDS ADAPTERS	A&B TAPER ADAPTERS	HAMMER CORE BITS	HAMMER CHISELS
		PAGE NO. OF ITEMS AVAILABLE				
AEG: PH350,350D,240D,38,350HD,2400,PHD26,38 AEG: PH210,PHE 16RL,19RL,26,200,20,2000 AEG: BH 25,20	SPLINE SDS HEX	19-20 13-14 -	15 - -	22 22 -	7-8 7 -	27-28 27-28 -
BAIER: BBH 320/322 BAIER: BBH 300 BAIER: BBH 290 BAIER: COMBI 90	SDS HEX-M14 HEX-M14 HEX	13-14 - - -	- - - -	22 - - -	7 - - -	27-28 - - -
BLACK & DECKER: 5041,42,43,44,59,MACH 0 HD 2022,32,38,P8022,32,38 BLACK & DECKER: 5041,5016-9,5054,HD2016,2022 BLACK & DECKER: 5093,5099K BLACK & DECKER: 5055 BLACK & DECKER: 5048 BLACK & DECKER: 717,718,719,5045,46,50 BLACK & DECKER: 5040-09	SPLINE SDS SDS-MAX SPLINE HEX-9/16 HEX-7/16 HEX-3/8	19-20 13-14 18-19 19-20 23 24 24	15 - 15 15 15 - -	22 22 22 22 22 22 22	7-8 7 7-8 7-8 - - -	27-28 27-28 27-28 27-28 - - -
BOSCH: 11202,03,04,05,06,08,09,14,UBH 4/26 20S UBH 6.35,UBH 6.35D,UBH 10.50, 12.50 GBH 7.45DE,GBH 7.75DE,USH 6 BOSCH: 11207 VS,11210 VSR,11211 VS 11212 VSR,11213 RK,1215,11221,11222 11224,11228,1215 DVSR, UBH 2/20 SE 3/16 S,3/16 SE,3/20 SE,3/24 SE 4/26-2DS,4/26 SE,2/14 SE,PBH 14E BOSCH: 11214,16,23,27,30,31 BOSCH: 11201 BOSCH: USH 10,HSH 10 BOSCH: USH 27,USH 28	SPLINE SDS SDS-MAX HEX-9/16 HEX-M19 HEX-M29	19-20 13-14 18-19 158 159 -	15 - 15 - - -	22 22 22 22 - -	7-8 7 7 - - -	27-28 27-28 27-28 - - -
BOSSONG:	HEX-9/16	-	-	22	7	27-28
CHICAGO PNEUMATIC: CP-9K	HEX	-	-	-	-	-
DEWALT: 514,23,57K	SDS	13-14	-	22	7	27-28
DUSS: PO32,P36,P80,PK100,P60,P90 DUSS: P28,PN28,P28S,PN28S DUSS: PK40,PK45	HEX-3/4 HEX-M13 HEX-M16	- - -	- - -	22 - -	- - -	- - -
ELU: EHD 323	SDS	13-14	-	22	7	27-28
FEIN: 637/2,642	SDS	13-14	-	22	7	27-28
FISCHER:	SPLINE	19-20	15	22	7-8	27-28
FORET A GLACE:	SDS	13-14	-	22	7	27-28
HILTI: TE10,10A,12,12S,17,22,24,GP22 HILTI: TE 52,60,72,92 HILTI: TE 42,52,54,60,72,74,92,94 HILTI: TORNA 765	SDS SDS 2-SLOT(RD) SDS-MAX HEX	13-14 150 18-19 -	- 15 15 -	22 22 22 -	7 7-8 7-8 -	27-28 27-28 27-28 -
HITACHI: DH38YA,DH50SB,DH384A HITACHI: VA16,DH22/DH28Y,DH50,VRT22A,VRV16 HITACHI: DH40MB HITACHI: DH50SA,H55SA HITACHI: PR25A, PRP38,PR50,DH28Y,DH38Y DH38YB,VRV38 HITACHI: PH65A HITACHI: PRT60	SPLINE SDS SDS-MAX HEX-9/16 HEX-1/2 HEX-M30 SPLINE	19-20 13-14 18-19 - - - 19-20	15 - 15 - - - 15	22 22 22 22 - 22 22	7-8 7 7 - - - 7-8	27-28 27-28 27-28 - - - 27-28
IMPEX-ITW: SD 3500	SPLINE	19-20	15	22	7-8	27-28
INGERSOL-RAND: 8067,HS625U,HS650U INGERSOL-RAND: 8087	HEX-9/16 HEX	23 -	15 -	22 -	- -	- -
KANGO: 4305,5015,6375,9505 KANGO: 285,327,422,426,430D KANGO: 950,950X,450X,70 KANGO: 500,501,625,627,637,638,750,750X	SPLINE SDS HEX-M21 HEX-1/2	19-20 13-14 159 159	15 - - -	22 22 - -	7-8 7 - -	27-28 27-28 - -
KRESS: HM10,HM10E,HM10/2	SDS	13-14	-	22	7	27-28
MAKITA: HR3851,HR5000,HR3520B,HR3850B MAKITA: HR1821,2210,2511,1810 MAKITA: HR400C MAKITA: 8022B,8700N,8038N,8035NB,HR3801 HR3850,HR3520 MAKITA: HR5000 R/K, HM1200K MAKITA: 8900S,HM1200 MAKITA: 8900N,HM1300,HM1400 MAKITA: 8050	SPLINE SDS SDS-MAX HEX-1/2 HEX-M21 HEX-M20.5 HEX-M30 SPLINE	19-20 13-14 18-19 - 26 - - 19-20	15 - 15 - - - - 15	22 22 22 - - - - 22	7-8 7 7 - - - - 7-8	27-28 27-28 27-28 - - - - 27-28
MARTO: RW 12 MARTO: RW 50	SDS HEX	13-14 -	- -	22 -	7 -	27-28 -
MATSUSHITA: EZ6811, 6802	SDS	13-14	-	22	-	27-28

# ROTARY HAMMER DRILL INDEX

MAS-29

## GLOBAL REFERENCE

ROTARY HAMMER DRILL MODEL	SHANK STYLE	DRILL BITS	SDS ADAPTERS	A&B TAPER ADAPTERS	HAMMER CORE BITS	HAMMER CHISELS
		PAGE NO. OF ITEMS AVAILABLE				
METABO: RH 65,66,99,99X,1128S,29S,30S,31S	SPLINE	19-20	15	22	7-8	27-28
METABO: 6010,6018,6020,6026,1115S	SDS	13-14	-	22	7	27-28
METABO: RH 65,90,90X,1126S,1130A	HEX-9/16	25	-	22	-	-
METABO: RH 45, 1116	ROPE THREAD	-	-	-	-	-
MILLER FALLS: SP499K	HEX-9/16	23	15	22	-	-
MILWAUKEE: 5341,42,43,44,47,48,52,53	SPLINE	19-20	15	22	7-8	27-28
MILWAUKEE: 5362,65,66,68,69	SDS	13-14	-	22	7	27-28
MILWAUKEE: 5313,15	SDS-MAX	17-18	15	22	7	27-28
MILWAUKEE: 5300,05,10,14,15	HEX-7/16	23	15	22	-	-
MILWAUKEE: 5325,26	HEX-9/16	23	15	22	-	-
MITSUBISHI: HD-25C-1,HD-38C-1	HEX-1/2	-	-	-	-	-
OUTIFIX: OX 260,OX 360	SPLINE	19-20	15	22	7-8	27-28
OUTIFIX: OX 1000	HEX-3/4	-	-	-	-	27-28
PEUGEOT: PM26,PM38	SPLINE	19-20	15	22	7-8	27-28
PHILLIPS: 747-2,RH 747	SPLINE	19-20	15	22	7-8	27-28
PHILLIPS: 555,715,510	SDS	13-14	-	22	7	27-28
PHILLIPS: 700,747-39	HEX-9/16	158	-	22	-	-
PORTER CABLE: 639	SDS	13-14	-	22	7	27-28
PORTER CABLE: 1602	HEX-9/16	23	15	22	-	-
RAMSET: 442,445,475	SPLINE	19-20	15	22	7-8	27-28
RAMSET: 325,425,612,718	SDS	13-14	-	22	7	27-28
RAMSET: 330	SDS-UNIV	16	-	22	7	27-28
RAMSET: 340,342,345,360,375,640	TRI-FLAT	-	-	-	-	-
RAMSET: 620	HEX-3/8	24	-	22	-	-
RAMSET: 650	HEX-9/16	25	-	22	-	-
REDHEAD: 747-2	SPLINE	19-20	15	22	7-8	27-28
REDHEAD: 555,715,510	SDS	13-14	-	22	7	27-28
REDHEAD: 700,747-39	HEX-9/16	25	-	22	-	-
ROCKWELL: 602,606,616,1602	HEX-9/16	23	15	22	-	-
ROCKWELL: 605,607,637,750,750X,60	HEX-1/2	-	15	22	-	-
ROCKWELL: 600,601,1600	HEX-3/8	24	-	22	-	-
RYOBI: ED382P,ER382,ED350K	SPLINE	19-20	15	22	7-8	27-28
RYOBI: ED211,ED220A,ED160	SDS	13-14	-	22	7	27-28
RYOBI: CH 485 PK	HEX-M21	26	-	-	-	-
RYOBI: ED250A,380,381,CH 450PK,460PK	HEX-1/2	-	-	-	-	-
SHRAM AIR HAMMER:	HEX-7/8	-	-	-	-	-
SIMBI: 9R2	HEX	-	-	-	-	-
SKIL: 1740,718H,6855	SDS	13-14	-	22	7	27-28
SKIL: 736,1770	HEX-3/4	158	-	22	-	-
SKIL: 628,728,731,732,1760	HEX-9/16	23	15	22	-	-
SKIL: 726	HEX-7/16	23	15	22	-	-
SKIL: 706,707,708,1706,511	HEX-3/8	24	-	22	-	-
SKIL: 717, 1750,719,718	HEX-7/16	24	-	22	-	-
SPIT: 324VE,321,325,332	SDS-UNIV	16	-	22	7	27-28
SPIT: 355,385,455	SDS-MAX	17-18	15	22	7-8	27-28
SPIT: 342	TRI-FLAT	-	-	-	-	-
SPIT: 345,375,400 S	TRI-FLAT	-	-	-	-	-
SPIT: 400	HEX-M19	-	-	-	-	-
STANLEY: HD20,HD45	HEX-3/4	25	-	22	-	-
STAR: P80-32/38	SPLINE	19-20	15	22	7-8	27-28
TECNEDIL: TH95	HEX	-	-	-	-	-
TOKU: THD-7	SPLINE	19-20	15	22	7-8	27-28
TOKU: TH-7	HEX	-	-	-	-	-
TOSHIBA: RH-38E	HEX-1/2	-	-	-	-	-
TOSHIBA: RHV-20RI, RHV-26A	SDS	13-14	-	22	-	27-28
TOUTES: MARTEAUX 2 á 4 KG	SDS	13-14	-	22	7	27-28
UNIFIX: UT24	HEX	-	-	-	-	-
UPAT: T1534,1562,1562DS,1538S	SPLINE	19-20	15	22	7-8	27-28
UPAT: T1716E	SDS	13-14	-	22	5	27-28
WACKER: 11/110	SPLINE	19-20	15	22	7-8	27-28
WACKER: EBH-75M	SDS-MAX	17-18	15	22	7	27-28
WACKER: EHB 10/100,10/220,EH8/220 BHB14 EHL 8Y/42, EHUB-10Y	HEX-3/4	-	-	22	-	-
WURTH: H16	SDS	13-14	-	22	7	27-28

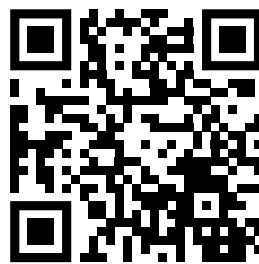
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