Drill Bits - Masonry

Carbide Tipped Masonry Bits

Carbide Tip Masonry Bits – Packaging Rotary Style with a standard Diam x Length Drill Style Part # Shank Type Options straight shank design. 1/8 x 3" **Standard Rotary MAS183** Straight 1/12/144 " C5312 5/32 x 3-1/2" Tapcon Flat 1/12/144 " " C5412 x 4-1/2" Tapcon Flat 1/12/144 " " x 5-1/2" C5512 Tapcon Flat 1/12/144 3/16 x 4" " " MAS3164 Straight 1/12/144 " " **MAS3166** x 6" Straight 1/12/144 " " x 13" MAS31613 Straight 1/12/72 Straight **MAS144** 1/4 x 4" **Standard Rotary** 1/12/144 " x 6" " **MAS146** Straight 1/12/144 " " **MAS1413** x 13" Straight 1/12/72 " " **MAS1418** x 18" Straight 1/12/72 " " **MAS1424** 24" Straight 1/12/72 х " " **MAS1436** x 36" Straight 1/12/72 " " x 48' **MAS1448** Straight 1/12/72 5/16 x 4" **Standard Rotary** MAS5164 Straight 1/12/144 6" " " **MAS5166** Х Straight 1/12/72 " " **MAS51613** x 13" Straight 1/12/72 " " **MAS51618** x 18" Straight 1/12/72" " **MAS51624** x 24" Straight 1/12/72 " " x 30" **MAS51630** Straight 1/12/72 3/8 x 4" 1/4" Shank Straight **MAS384** 1/12/144 **MAS386** x 6" 3/8" Shank Straight 1/12/144 " " **MAS3813** x 13" Straight 1/12/72 " " **MAS3818** x 18" Straight 1/12/72 " " 24" **MAS3824** Straight 1 / 12 / 72 х " " **MAS3836** x 36" Straight 1 / 12 / 72 " " **MAS3848** x 48" Straight 1/12/72 $1/2 \times 4$ " 1/4" Shank **MAS124** Straight 1/12/144 x 6" 3/8" Shank **MAS126** Straight 1/12/144 **MAS1213** x 13" Straight 1/12/72 " " **MAS1218** x 18" Straight 1/12/72 " " **MAS1224** x 24" Straight 1/12/72 " " **MAS1236** x 36" Straight 1/12/72 " " **MAS1248** 48" Straight 1/12/72 х **MAS586** 5/8 x 6" 1/2" Shank Straight 1/12/72 " **MAS5813** x 13" Straight 1/12/72 " " **MAS5818** x 18" Straight 1/12/72 " " 3/4 x 6" **MAS346** Straight 1/12/72 " " **MAS3413** x 13" Straight 1/12/72 " " **MAS3418** x 18" Straight 1/12/72 Standard " " **MAS3424** x 24" Straight 1/12/72 Designed for drilling through **light aggregate concrete-masonry**, including brick, cinder block, plaster and stucco. While often used in hammer drills, these bits are designed primarily for rotary drill motors and are not recommended for hammering through stone or slag concrete (see hammer bits).

Drill Bits - Masonry

Hammer Bits - Standard Shank

Standard Shank Hammer Bits -

Hammer Style Masonry Bits with a Standard Straight Shank design.



<u>Part #</u> Di	iam x L	eng	<u>gth</u>	Drill Styl	<u>le</u>	Shank Type	Packaging <u>Options</u>
HAM183	1/8	x	3"	Straight	Shank	Straight	1 / 12 / 144
HAM3164	3/16	x	4"	"	"	Straight	1 / 12 / 144
HAM3166		х	6"	"	"	Straight	1 / 12 / 144
HAM31613		x	13"	"	"	Straight	1 / 12 / 72
HAM144	1/4	x	4"	"	"	Straight	1 / 12 / 144
HAM146		x	6"	"	"	Straight	1 / 12 / 144
HAM1413		X	13"	"	"	Straight	1 / 12 / 72
HAM1418		X	18"	"	"	Straight	1 / 12 / 72
HAM1424		x	24"	"	"	Straight	1 / 12 / 72
HAM5164	5/16	x	4"	Straight		Straight	1 / 12 / 144
HAM5166		X	6"	"	"	Straight	1 / 12 / 144
HAM51613		X	13"	"	"	Straight	1 / 12 / 72
HAM51618		X	18"	"	"	Straight	1 / 12 / 72
HAM384	3/8	X	4"	"	"	Straight	1 / 12 / 144
HAM386		х	6"	"	"	Straight	1 / 12 / 144
HAM3813		X	13"	"	"	Straight	1 / 12 / 72
HAM3818		х	18"	"	"	Straight	1 / 12 / 72
HAM3824		X	24"	"	"	Straight	1 / 12 / 72
HAM126	1/2	X	6"	Straight		Straight	1 / 12 / 144
HAM1213		X	13"	"	"	Straight	1 / 12 / 72
HAM1218		X	18"	"	"	Straight	1 / 12 / 24
HAM1224		X	24"	"	"	Straight	1 / 12 / 24
HAM586	5/8	X	6"	"	"	Straight	1 / 12 / 144
HAM346	3/4	X	6"	"	"	Straight	1 / 12 / 72
HAM3413		X	13"	"	"	Straight	1 / 12 / 24
HAM3418		X	18"	"		Straight	1 / 12 / 24
HAM786	7/8	X	6"	Straight		Straight	1 / 12 / 72
HAM7813		X	13"	"	"	Straight	1 / 12 / 24
HAM16	1"	X	6"	"	"	Straight	1 / 12 / 72
HAM113		X	13"	"	"	Straight	1 / 12 / 24
HAM118		X	18"	"	"	Straight	1 / 12 / 24
	1 ¹ /8"	X	13"	"	"	Straight	1 / 12 / 24
HAM13818	1 ¹ /8"	X	18"	"	"	Straight	1 / 12 / 24
HAM11418	1 ¹ /4"	X	18"	"	"	Straight	1 / 12 / 24

High Performance Hammer Bits- are designed to be used in standard rotary and rotary-percussion drill motors. Excellent, heavy duty bit for hammering through most masonry materials including hard, slag-concrete. These bits are constructed with harder steel and a stronger carbide-tip-welding-process than rotary masonry bits. They are made to withstand repetitive percussion blows in tough drilling applications and have a standard straight shank that is compatible with any three jaw chuck, rotary-percussion drill (diameter of bit must be smaller than the maximum chuck diameter).

Drill Bits - Masonry

SDS+ Percussion Bits

SDS+ Percussion Bits-

Hammer Style with a Sltted Drive Shaft for use in Hilti/Bosch Hammer

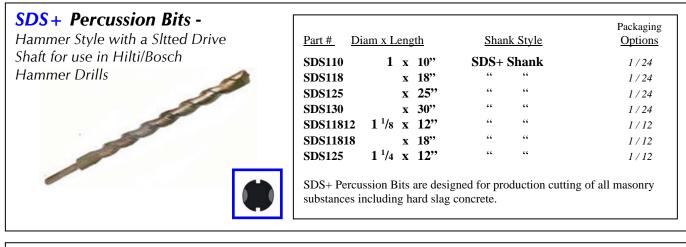


FOR USE IN: TE 1, 5, 10, 12, 14, 17, 22, 24, and Bosch T.N.T or any hammer drill designed to accept SDS Series or SDS + percussion bits.

Part # Diam	ı x Le	eng	<u>th</u>	<u>Shank</u>	<u>Style</u>	Packaging <u>Options</u>
SDS5326 5	/32	X	6"	SDS+ S	Shank	1/24
SDS3164 3	/16	x	4"	"	"	1/24
SDS3166		x	6"	"	"	1/24
SDS3166		x	14"	"	"	1 / 24
SDS144	1/4	x	4"	"	"	1/24
SDS146		x	6"	"	"	1/24
SDS1414		x	14"	"	"	1 / 24
SDS1420		x	20"	"	"	1/24
SDS5166 5	/16	x	6"	SDS+ S	Shank	1/24
SDS51612		x	12"	"	"	1/24
SDS386	3/8	x	6"	"	"	1/24
SDS3812		x	12"	"	"	1/24
SDS3818		x	18"	"	"	1/24
SDS3820		x	20"	"	"	1/24
SDS3824		x	24"	"	"	1 / 24
SDS3836		x	36"	66	"	1 / 24
SDS7166 7	/16	x	6"	SDS+ S	Shank	1 / 24
SDS71612		х	12"	"	"	1/24
SDS71618		х	18"	"	"	1 / 24
SDS126	1/2	х	6"	"	"	1 / 24
SDS1212		х	12"	"	"	1 / 24
SDS1218		x	18"	"	"	1 / 24
SDS1224		х	24"	"	"	1 / 24
SDS1238		x	38"	"	"	1 / 24
SDS9166 9	/16	х	6"	SDS+ S	Shank	1 / 24
SDS91612		x	12"	"	"	1 / 24
SDS91618		X	18"	"	"	1 / 24
SDS586	5/8	X	6"	"	"	1 / 24
SDS5812		X	12"	"	"	1 / 24
SDS5818		X	18"	"	"	1 / 24
SDS5824		X	24"	"	"	1 / 24
SDS5836		X	36"	"	"	1 / 24
	3/4	X	6"	SDS+ S		1 / 24
SDS349		X	9"	"	"	1 / 24
SDS3412		X	12"	"	"	1 / 24
SDS3418			18"	"	"	1 / 24
SDS3424		X	24"		"	1 / 24
SDS3436	- 10	X	36"			1 / 24
	7/8	X	6"			1 / 24
SDS7812		X	12"			1 / 24
SDS7818		X	18"			1 / 24
SDS7824		X	24"			1 / 24
			-Addi	itional sizes o	n next pag	30

Drill Bits - Masonry

SDS + Percussion Bits (continued)



SDS+ Percussion Chisels

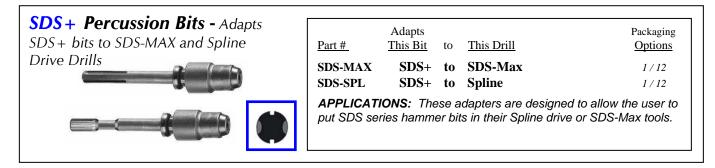
SDS + **Percussion Chisels** - for scaling, chipping, chiseling, and light

demolition.



Part # Width x Length Chisel Style / Sha	Packaging n <u>k Options</u>	
CSSDS-10 1 ½" x 10" Scaling Chisel – S CFSDS-10 3/4" x 10" Cold/Flat Chisel – CMSDS-10 10" Bull/Moil Point –	- SDS+ 1/12	
APLLICATTIONS: Scaling = removing scale, Cold Flat = scaling, chipping, and chiseling. Bu demolition work		

SDS+ Percussion Adapters



Drill Bits - Masonry

SDS-MAX Percussion Bits

SDS-MAX Percussion Bits-

Large Series Hammer Bits with a Slotted Drive Shaft for use in Hilti/Bosch Hammer Drills.



Dort # Diam	Over v Lon		Shaple Style	Packaging
Part # Diam	x Len	<u>gtn</u>	Shank Style	<u>Options</u>
LHM-3813		x 13"	Large TE Max	1 / 24
LHM-1213	1/2	x 13"	"	1 / 24
LHM-1224		x 24"	" "	1 / 24
LHM-1230		x 30"	" "	1 / 24
LHM-1236		x 36"	" "	1 / 24
LHM-1248		x 48"	" "	1 / 24
LHM-91613	9/16	x 13"	" "	1/24
LHM-91624		x 24"	" "	1 / 24
LHM-5813	5/8	x 13"	Large TE Max	1/24
LHM-5824		x 24"	" "	1 / 24
LHMQ-5830		x 30"	" "	1/24
LHMQ-5836		x 36"	" "	1 / 24
LHMQ-5848		x 48"		1 / 24
LHMQ-3413	3/4	x 13"		1/24
LHMQ-3424		x 24"	" "	1/24
LHMQ-3430		x 30"		1/24
LHMQ-3436		x 36"		1/24
LHMQ-3448		x 48"	** **	1/24
LHMQ-7813	7/8	x 13"	Large TE Max	1/24
LHMQ-7818		x 18"		1/24
LHMQ-7824		x 24"		1/24
LHMQ-7836		x 36"	** **	1/24
LHMQ-113	1"	x 13"	** **	1/24
LHMQ-118		x 18"	"	1/24
LHMQ-124		x 24"	"	1/24
LHMQ-136		x 36"	** **	1/24
LHMQ-148		x 48"	** **	1/24
LHMQ-11813	1 ¹ /8	x 13"	Large TE Max	1/24
LHMQ-11818		x 18"	" "	1/24
LHMQ-11824		x 24"	** **	1/24
LHM-11414	1 ¹ /4	x 15"	"	1/24
LHMQ-11414		x 15"	"	1/24
LHMQ-11424		x 24"	** **	1/24
LHMQ-11436		x 36"	** **	1/24
LHMQ-13818		x 18"		1/24
LHMQ-13824		x 24"		1/24
		x 15"	Large TE Max	1/24
LHMQ-11215		x 15"	" "	1/24
LHMQ-11224		x 24"		1/24
LHMQ-11236		x 36"		1/24
LHMQ-15824			" "	1/24
LHMQ-13424			" "	1/24
LHMQ-224		x 24"	" "	1/24
-			s with a "Q" have a Viper	

accept the Large TE Series SDS-MAX bits.

Drill Bits - Masonry

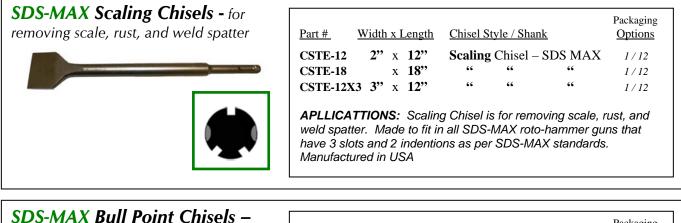
SDS-MAX Percussion Chisels

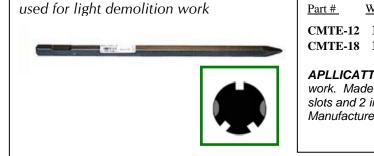
SDS-MAX Cold Flat Chisels -

for scaling, chipping, and chiseling.



<u>Part #</u>	Width x Length	Chisel St	tyle / Shar	<u>1k</u>	Packaging Options
CFTE-12 CFTE-18	1" x 12" x 18"	Cold/Fl "	at Chisel	l – SDS M.	AX 1/12 1/12
Made to f	TTIONS: Cold F it in all SDS-MAX entions as per SE	roto-ham	mer gun	s that have	3 slots

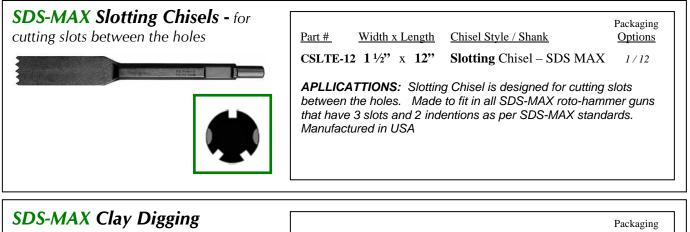




<u>Part #</u>	Width x Length Chisel Style / Shank	Packaging Options
CMTE-12 CMTE-18		1 / 12 1 / 12
work. Ma slots and 2	TTIONS: Bull / Moil Chisel is designed for light de de to fit in all SDS-MAX roto-hammer guns that ha 2 indentions as per SDS-MAX standards. ured in USA	

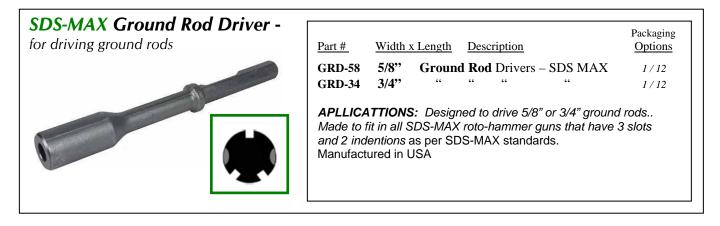
Drill Bits - Masonry

SDS-MAX Percussion Chisels (continued)





SDS-MAX Ground Rod Drivers



Drill Bits - Masonry

SPLINE DRIVE Percussion Bits

Spline-Drive Percussion Bits-Large Series Hammer Bits with a Pa SPLINE-DRIVE Shaft. SP SF SF SP SF SF SF SF SF SF All bits with SF a "Q" in the SP part number SP have an SF aggressive SF heavy duty SF Quad-Viper SF Tip SF SF SF SF SF SF SI SF SI SF SF SF SF SF SF SF 3/4" shank SF SF SF SF SF SF 2 indentions SF **3 vertical slots** SF SI FOR USE IN: AEG, B & D, Bosch, Hitachi,

Knago, Makita, Milwaukee, Phillips, Porter Cable, and Ryobi.

art <u>#</u> Diar	n x Len	<u>gth</u>		Shank Style	Packaging <u>Options</u>
P-3812	3/8	х	12"	Spline Drive	1/24
P-3818		x	18"	•	1/24
P-71612	7/16	х	12"	"	1/24
P-1212	1/2	х	12"		1/24
P-1218		х	18"		1/24
P-1224		х	24"	"	1/24
P-1230		x	30"	** **	1/24
P-1236		х	36"		1/24
P-1248		х	48"	** **	1/24
P-91612	9/16	х	12"	Spline Drive	1/24
P-91618		х	18"		1/24
P-5812	5/8	х	12"		1/24
P-5818		х	18"	** **	1/24
P-5824		x	24"		1/24
P-5830		x	30"		1/24
P-5836		х	36"		1/24
P <mark>Q-5848</mark>		x	48" Q		1/24
P-3412	3/4	х	12"	Spline Drive	1/24
P <mark>Q</mark> -3412		х	12" Q		1/24
P <mark>Q</mark> -3418		х	18" <mark>Q</mark>		1/24
P-3424		х	24"		1/24
P <mark>Q</mark> -3424		х	24" Q		1/24
P <mark>Q</mark> -3430		х	30" Q		1/24
P-3436		х	36"		1/24
P <mark>Q</mark> -3436		х	36" <mark>Q</mark>		1/24
P <mark>Q</mark> -3448		х	48" Q	"	1/24
P <mark>Q</mark> 7812	7/8	х	12" Q	Spline Drive	1/24
P <mark>Q</mark> -7818		х	18" <mark>Q</mark>	** **	1/24
P <mark>Q</mark> -7824		х	24" <mark>Q</mark>		1 / 24
P <mark>Q</mark> -7836		х	36" <mark>Q</mark>		1 / 24
P <mark>Q</mark> -7848		х	48" <mark>Q</mark>		1 / 24
P <mark>Q</mark> -112	1"	х	12" <mark>Q</mark>		1 / 24
P <mark>Q</mark> -118		х	18" <mark>Q</mark>	cc cc	1 / 24
P <mark>Q</mark> -124		х	24" Q	cc cc	1 / 24
P <mark>Q</mark> -130		x	30" <mark>Q</mark>	** **	1/24
P <mark>Q</mark> -136		X	36" <mark>Q</mark>	cc cc	1 / 24
P <mark>Q</mark> -148		X	48" <mark>Q</mark>	cc cc	1 / 24
P-11818	1 ¹ /8	X	18"	Spline Drive	1 / 24
P <mark>Q</mark> -11818		X	18" <mark>Q</mark>	cc cc	1 / 24
P-11824		X	24" Q		1 / 24
PQ-11824		X	24" Q		1 / 24
			36" Q	** **	1/24

Drill Bits - Masonry

SPLINE DRIVE Percussion Bits (continued)

Spline-Drive Percussion Bits-

Large Series Hammer Bits with a SPLINE-DRIVE Shaft.



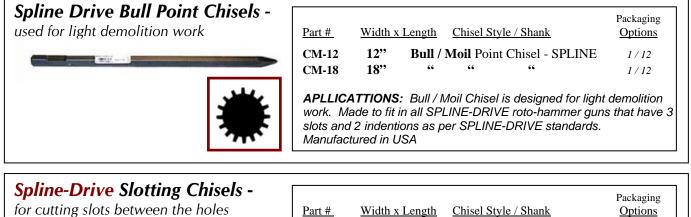
Part # Diar	n x Lengtl	1	Shank	<u>Style</u>	Packaging Options
SPQ-11418	$1^{1}/4$ x	18" O	Spline	Drive	1/24
SPQ-11424		24" O	"	"	1/24
SPQ-11436		36" Q	"	"	1/24
SPQ-11448		48" Q	"	"	1/24
SP-13818	1 ³ /8 x	18"	"	"	1/24
SPQ-13818	х	18" Q	"	"	1/24
SPQ-13824	х	24" Q	"	"	1/24
SPQ-11218	$1^{1}/2$ x	18" <mark>Q</mark>	Spline	Drive	1/24
SP-11224	Х	24"		"	1/24
SPQ-11224	Х	24" Q	""	"	1/24
SPQ-11236	Х	36" <mark>Q</mark>	""	"	1/24
SPQ-11236	Х	48" Q	""	"	1/24
SPQ-15824	1 ⁵ /8 x	24" Q	""	"	1/24
SPQ-13424	$1^{3}/4$ x	24" Q	""	"	1/24
SPQ-224	2" x	24" Q	"	"	1/24
NOTE	: All part	numbers	with a "Q"	have a Vipe	r Quad Tip.

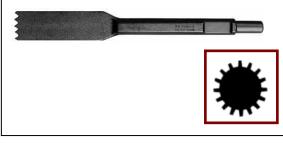
SPLINE DRIVE Percussion Chisels

Spline Drive Cold Flat Chisels - for scaling, chipping, and chiseling.	Part #	Width x Length	Chisel Style / Shank	Packaging Options
	CF-12 CF-18	1" x 12" x 18"	Scaling Chisel - SPLINE	1 / 12 1 / 12
*	and chise that have	eling. Made to fit	Flat Chisel is designed for so in all SPLINE-DRIVE roto-h lentions as per SPLINE-DRI	ammer guns
	Part #	Width x Length	Chisel Style / Shank	Packaging Options
Spline Drive Scaling Chisels - for removing scale, rust, and weld	Part # CS-12 CS-18	<u>Width x Length</u> 2" x 12" x 18"	<u>Chisel Style / Shank</u> Scaling Chisel - SPLINE """"""	<u>Options</u>

Manufactured in USA

SPLINE-DRIVE Percussion Chisels (continued)



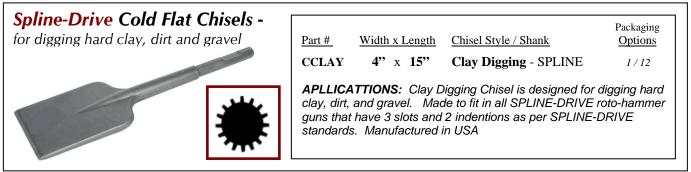


 Part #
 Widdl X Length
 Chisel Style / Shark
 Options

 CSL-12
 1 ½" x
 12"
 Slotting Chisel – SPLINE
 1/12

 APLLICATTIONS:
 Slotting Chisel is designed for cutting slots
 between the holes.
 Made to fit in all SPLINE-DRIVE roto-hammer

 guns that have 3 slots and 2 indentions as per SPLINE-DRIVE standards.
 Manufactured in USA



SPLINE-DRIVE Ground Rod Drivers

Spline-Drive Ground Rod Driver -	Packaging	7
for driving ground rods	Part # Width x Length Description / Shank Options	
0	GRD-58 5/8" Ground Rod Drivers - SPLINE 1/12 GRD-34 3/4" " " " 1/12	
*	APLLICATTIONS: Designed to drive 5/8" or 3/4" ground rods Made to fit in all SPLINE-DRIVE roto-hammer guns that have 3 slots and 2 indentions as per SPLINE-DRIVE standards. Manufactured in USA	

Drill Bits - Masonry

THIN WALL PERCUSSION CORE BITS

Thin Wall Percussion Core Bits -

Hammer Style with a Slotted Drive Shaft for use in Hilti/Bosch Hammer Drills



Part #	Diameter	Description	Packaging Options
<u>i art n</u>	Diameter	Description	
TCOR-112	1 1/2"	Thin Wall Core Bit	1/6
TCOR-134	1 3/4"	66 66	1/6
TCOR-2	2"	۰۰ ۰۰	1/6
TCOR-212	2 ¹ /2"	" "	1/6
TCOR-3	3"	" "	1/6
TCOR-312	3 ½"	۰۰ ۰۰	1/6
TCOR-4	4"	** **	1/6
TCOR-SDS8	8"	SDS+ Shank	1/6
TCOR-SDS12	2 12"	" "	1/6
TCOR-SDS	18 18"	66 66	1/6
TCOR-MAX	12 12"	TE MAX Shank	1/6
TCOR-MAX	18 18"	66 66	1/6
TCOR-SPL12	2 12"	SPLINE Shank	1/6
TCOR-SPL18	3 18"	66 66	1/6
TCOR-STAR	т 4"	Starter Bit	1/6

Thin Wall Percussion Core- used to bore large diameter holes in brick, block, & masonry. Thin wall percussion cores are a lighter weight, faster, cleaner cutting alternative to standard thick wall percussion cores. The "inside" core depth is **3**". The T-COR Series is also compatible with smaller SDS drills, where thick wall core's are specifically designed for bigger drill motors only. These bits can be used in the MAX and SPLINE drills and are sometimes preferred because the thinner wall produces cleaner holes. However, for drilling into hard slag-concrete we recommend the THICKWALL. CORES (new pert page)



These THINWALL CORE BITS have a SCREW-ON shank and a DROP-IN starter bit.

Drill Bits - Masonry

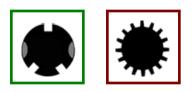
THICK WALL PERCUSSION CORE BITS

Thick Wall Percussion Core Bits -

Hammer Style with a Sltted Drive Shaft for use in Hilti/Bosch Hammer Drills



NOTE: Taper fit Style shanks permanently become one piece during use which is why the taper fit shafts are considerably less expensive than the rope thread style.



Part #	Diameter	Description	Packaging Options
COR-112	1 1/2"	Thickwall Core Bit	1/6
COR-134	1 3/4"	** **	1/6
COR-2	2"	دد دد	1/6
COR-212	2 ¹ /2"	دد دد	1/6
COR-3	3"	** **	1/6
COR-312	3 ¹ /2"	** **	1/6
COR-4	4"	** **	1/6
COR-412	4 ¹ /2"	** **	1/6
COR-5	5"		1/6
COR-6	6"		1/6
COR-MAX12	2 12"	TE MAX Shank	1/6
COR-MAX18	18 "	66 66	1/6
COR-SPL12	12"	SPLINE Shank	1/6
COR-SPL18	18"	"	1/6
COR-START	4"	Starter Bit	1/6

Thick Wall Percussion Core - used to bore large diameter holes in **brick**, **block**, **masonry**,and **concrete**. The "inside" core depth is **4**". Thick Wall cores are extremely durable and can be re-tipped. The thicker core wall results in longer life, yet slower drilling time. Thick wall core bits are made to be used with larger roto-hammer drills only. Deep holes in concrete require removal of core particles.



These THICK WALL CORE BITS have a TAPER FIT shank and a HEX shank starter bit.

Drill Bits - Masonry

THICK WALL PERCUSSION CORE BITS

Thick Wall Percussion Core Bits -Packaging Hammer Style with a Slotted Drive Shaft for Part # Diameter Description **Options** use in Hilti/Bosch Hammer Drills **COR-112** 1 1/2" **Thickwall Core Bit** 1/6 " " 1 3/4" COR-134 1/6 " 2" " COR-2 1/6 " " **COR-212** $2\frac{1}{2}$ 1/6 3" " " COR-3 1/6 3¹/2" " " COR-312 1/6 " " 4" COR-4 1/6 " " 4 ½" COR-412 1/6 5" " " COR-5 1/6 " " COR-6 6" 1/6 COR-MAX12 12" **TE MAX Shank** 1/6 18" 66 66 COR-MAX18 1/6 12" COR-SPL12 **SPLINE Shank** 1/6 " 18" COR-SPL18 1/6 COR-START 4" **Starter Bit** 1/6 Thick Wall Percussion Core - used to bore large diameter holes in brick, block, masonry, and concrete. The "inside" core depth is 4". Thick Wall cores are extremely durable and can be re-tipped. The thicker core wall results in longer life, yet slower drilling time. Thick wall core bits are made to be used with larger roto-hammer drills only. Deep holes in concrete require removal of core particles. These "N" Series THICK WALL CORE BITS have a ROPE THREAD shank and a "A" TAPER starter bit.