



The Service Warehouse, Inc

**New Carbide Drills
&
Cutting Tools**

Carbide Tipped Masonry Bits

Carbide Tip Masonry Bits –

Rotary Style with a standard straight shank design.



Standard



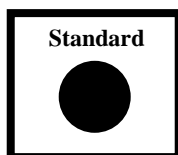
Part #	Diam x Length	Drill Style	Shank Type	Carbide Tip Style
MAS183	1/8 x 3"	Rotary	Straight	standard
MAS3164	3/16 x 4"	Rotary	Straight	standard
MAS3166	x 6"	Rotary	Straight	standard
MAS144	1/4 x 4"	Rotary	Straight	standard
MAS146	x 6"	Rotary	Straight	standard
MAS1413	x 13"	Rotary	Straight	standard
MAS1418	x 18"	Rotary	Straight	standard
MAS1424	x 24"	Rotary	Straight	standard
MAS1436	x 36"	Rotary	Straight	standard
MAS1448	x 48"	Rotary	Straight	standard
MAS5164	5/16 x 4"	Rotary	Straight	standard
MAS5166	x 6"	Rotary	Straight	standard
MAS51613	x 13"	Rotary	Straight	standard
MAS51618	x 18"	Rotary	Straight	standard
MAS51624	x 24"	Rotary	Straight	standard
MAS51630	x 30"	Rotary	Straight	standard
MAS384	3/8 x 4"	Rotary	1/4" Reduced	standard
MAS386	x 6"	Rotary	Straight	standard
MAS3813	x 13"	Rotary	Straight	standard
MAS3818	x 18"	Rotary	Straight	standard
MAS3824	x 24"	Rotary	Straight	standard
MAS3836	x 36"	Rotary	Straight	standard
MAS3848	x 48"	Rotary	Straight	standard
MAS124	1/2 x 4"	Rotary	1/4" Reduced	standard
MAS126	x 6"	Rotary	3/8" Reduced	standard
MAS1213	x 13"	Rotary	3/8" Reduced	standard
MAS1218	x 18"	Rotary	3/8" Reduced	standard
MAS3824	x 24"	Rotary	3/8" Reduced	standard
MAS3836	x 36"	Rotary	3/8" Reduced	standard
MAS1248	x 48"	Rotary	3/8" Reduced	standard
MAS586	5/8 x 6"	Rotary	1/2" Reduced	standard
MAS5813	x 13"	Rotary	1/2" Reduced	standard
MAS5818	x 18"	Rotary	1/2" Reduced	standard
MAS346	3/4 x 6"	Rotary	1/2" Reduced	standard
MAS3413	x 13"	Rotary	1/2" Reduced	standard
MAS3418	x 18"	Rotary	1/2" Reduced	standard
MAS3424	x 24"	Rotary	1/2" Reduced	standard

These carbide tipped masonry drill bits are perfect 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).

Standard Shank - Hammer Bits

Standard Shank Hammer

Bits - Hammer Style Masonry Bits with a Standard Straight Shank design.



<u>Part #</u>	<u>Diam x Length</u>	<u>Drill Style</u>	<u>Shank Type</u>	<u>Carbide Tip Style</u>
HAM183	1/8 x 3"	Hammer	Straight	standard
HAM186	x 6"	Hammer	Straight	standard
HAM5323	5/32 x 3"	Hammer	Straight	standard
HAM5326	x 6"	Hammer	Straight	standard
HAM3163	3/16 x 3"	Hammer	Straight	standard
HAM3164	x 4"	Hammer	Straight	standard
HAM3166	x 6"	Hammer	Straight	standard
HAM31613	x 13"	Hammer	Straight	standard
HAM31618	x 18"	Hammer	Straight	standard
HAM144	1/4 x 4"	Hammer	Straight	standard
HAM146	x 6"	Hammer	Straight	standard
HAM1418	x 18"	Hammer	Straight	standard
HAM1424	x 24"	Hammer	Straight	standard
HAM5164	5/16 x 4"	Hammer	Straight	standard
HAM5166	x 6"	Hammer	Straight	standard
HAM51613	x 13"	Hammer	Straight	standard
HAM51618	x 18"	Hammer	Straight	standard
HAM51624	x 24"	Hammer	Straight	standard
HAM384	3/8 x 4"	Hammer	Straight	standard
HAM386	x 6"	Hammer	Straight	standard
HAM3813	x 13"	Hammer	Straight	standard
HAM3818	x 18"	Hammer	Straight	standard
HAM3824	x 24"	Hammer	Straight	standard
HAM124	1/2 x 4"	Hammer	1/4" Reduced	standard
HAM126	x 6"	Hammer	3/8" Reduced	standard
HAM1213	x 13"	Hammer	3/8" Reduced	standard
HAM1218	x 18"	Hammer	3/8" Reduced	standard
HAM1224	x 24"	Hammer	3/8" Reduced	standard
HAM9166	9/16 x 6"	Hammer	1/2" Reduced	standard
HAM91613	x 13"	Hammer	1/2" Reduced	standard
HAM91618	x 18"	Hammer	1/2" Reduced	standard
HAM586	5/8 x 6"	Hammer	1/2" Reduced	standard
HAM5813	x 13"	Hammer	1/2" Reduced	standard
HAM5818	x 18"	Hammer	1/2" Reduced	standard
HAM5824	x 24"	Hammer	1/2" Reduced	standard

---additional sizes continued on next page---

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).

Standard Shank - Hammer Bits (continued)

Standard Shank Hammer

Bits - Hammer Style Masonry Bits with a Standard Straight Shank design.



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Part #	Diam x Length	Drill Style	Shank Type	Carbide Tip Style
HAM346	3/4 x 6"	Hammer	1/2" Reduced	standard
HAM3413	x 13"	Hammer	1/2" Reduced	standard
HAM3418	x 18"	Hammer	1/2" Reduced	standard
HAM3424	x 24"	Hammer	1/2" Reduced	standard
HAM786	7/8 x 6"	Hammer	1/2" Reduced	standard
HAM7813	x 13"	Hammer	1/2" Reduced	standard
HAM7818	x 18"	Hammer	1/2" Reduced	standard
HAM16	1" x 6"	Hammer	1/2" Reduced	standard
HAM113	x 13"	Hammer	1/2" Reduced	standard
HAM118	x 18"	Hammer	1/2" Reduced	standard
HAM11813	1 1/8" x 13"	Hammer	1/2" Reduced	standard
HAM11818	x 18"	Hammer	1/2" Reduced	standard
HAM11413	1 1/4" x 13"	Hammer	1/2" Reduced	standard
HAM11418	x 18"	Hammer	1/2" Reduced	standard
HAM1386	1 3/8" x 6"	Hammer	1/2" Reduced	standard
HAM1126	1 1/2" x 6"	Hammer	1/2" Reduced	standard
HAM11212	x 12"	Hammer	1/2" Reduced	standard

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.

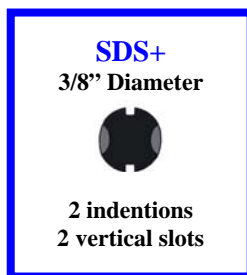
SDS+ Percussion Bits

SDS+ Percussion Bits-

Hammer Style with a Slotted 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 shanks**.

Part #	Overall Diam x Length	Drill Style	Shank Type	Carbide Tip Style
SDS5324	5/32 x 4 5/8"	Hammer	SDS+	standard
SDS5326	x 6 5/8"	Hammer	SDS+	standard
SDS5328	x 8 5/8"	Hammer	SDS+	standard
SDS3164	3/16 x 4 3/8"	Hammer	SDS+	standard
SDS3166	x 6 3/8"	Hammer	SDS+	standard
SDS3168	x 8 5/8"	Hammer	SDS+	standard
SDS31610	x 10 5/8"	Hammer	SDS+	standard
SDS31612	x 12 5/8"	Hammer	SDS+	standard
SDS31614	x 14 5/8"	Hammer	SDS+	standard
SDS31616	x 16 5/8"	Hammer	SDS+	standard
SDS7324	7/32 x 4 3/4"	Hammer	SDS+	standard
SDS7326	x 6 5/8"	Hammer	SDS+	standard
SDS7328	x 8 5/8"	Hammer	SDS+	standard
SDS73210	x 10 1/4"	Hammer	SDS+	standard
SDS73214	x 14 5/8"	Hammer	SDS+	standard
SDS73216	x 16 5/8"	Hammer	SDS+	standard
SDS144	1/4 x 4 3/8"	Hammer	SDS+	standard
SDS146	x 6 3/8"	Hammer	SDS+	standard
SDS148	x 8 5/8"	Hammer	SDS+	standard
SDS1412	x 12 1/4"	Hammer	SDS+	standard
SDS1414	x 14 5/8"	Hammer	SDS+	standard
SDS1416	x 16 5/8"	Hammer	SDS+	standard
SDS1420	x 20 5/8"	Hammer	SDS+	standard
SDS9328	9/32 x 8 5/8"	Hammer	SDS+	standard
SDS5166	5/16 x 6 5/8"	Hammer	SDS+	standard
SDS5169	x 9 3/4"	Hammer	SDS+	standard
SDS51612	x 12 5/8"	Hammer	SDS+	standard
SDS386	3/8 x 6 5/8"	Hammer	SDS+	standard
SDS3810	x 10 5/8"	Hammer	SDS+	standard
SDS3812	x 12 5/8"	Hammer	SDS+	standard
SDS3820	x 20 5/8"	Hammer	SDS+	standard
SDS3824	x 24"	Hammer	SDS+	standard
SDS3836	x 36"	Hammer	SDS+	standard
SDS7166	7/16 x 6 5/8"	Hammer	SDS+	standard
SDS71612	x 12 5/8"	Hammer	SDS+	standard
SDS71618	x 18 5/8"	Hammer	SDS+	standard
SDS91618	9/16 x 18"	Hammer	SDS+	standard
SDS3418	3/4 x 18"	Hammer	SDS+	standard
SDS3424	x 24"	Hammer	SDS+	standard
SDS3436	x 36"	Hammer	SDS+	standard

---additional sizes continued on next page---

SDS+ Percussion Bits are excellent, heavy duty bits 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

SDS+ Percussion Bits (continued)

SDS+ Percussion Bits -

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



SDS+
3/8" Diameter



2 indentions
2 vertical slots

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 shanks.

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Part #	Diam x Length	Drill Style	Shank Type	Carbide Tip Style
SDS126	1/2 x 6 5/8"	Hammer	SDS+	standard
SDS1210	x 10 5/8"	Hammer	SDS+	standard
SDS1212	x 12 5/8"	Hammer	SDS+	standard
SDS1218	x 18 5/8"	Hammer	SDS+	standard
SDS1224	x 24"	Hammer	SDS+	standard
SDS1238	x 38"	Hammer	SDS+	standard
SDS9166	9/16 x 6 3/4"	Hammer	SDS+	standard
SDS91612	x 10 1/8"	Hammer	SDS+	standard
SDS91612	x 12 3/4"	Hammer	SDS+	standard
SDS91618	x 18 3/4"	Hammer	SDS+	standard
SDS586	5/8 x 6 3/4"	Hammer	SDS+	standard
SDS589	x 9 3/4"	Hammer	SDS+	standard
SDS5812	x 12 3/4"	Hammer	SDS+	standard
SDS5818	x 18 3/4"	Hammer	SDS+	standard
SDS5824	x 24"	Hammer	SDS+	standard
SDS5836	x 36"	Hammer	SDS+	standard
SDS346	3/4 x 6 3/4"	Hammer	SDS+	standard
SDS349	x 9 3/4"	Hammer	SDS+	standard
SDS3412	x 12 3/4"	Hammer	SDS+	standard
SDS3418	x 18 3/4"	Hammer	SDS+	standard
SDS3424	x 24"	Hammer	SDS+	standard
SDS3436	x 36"	Hammer	SDS+	standard
SDS786	7/8 x 6"	Hammer	SDS+	standard
SDS7812	x 12"	Hammer	SDS+	standard
SDS7818	x 18"	Hammer	SDS+	standard
SDS7824	x 24"	Hammer	SDS+	standard
SDS110	1 x 10"	Hammer	SDS+	standard
SDS118	x 18"	Hammer	SDS+	standard
SDS125	x 25"	Hammer	SDS+	standard
SDS130	x 30"	Hammer	SDS+	standard
SDS11812	1 1/8 x 12"	Hammer	SDS+	standard
SDS11818	x 18"	Hammer	SDS+	standard
SDS11412	1 1/4 x 12"	Hammer	SDS+	standard

SDS+ Percussion Bits are excellent, heavy duty bits 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

To determine the usable drilling depth of the bit after it is fully engaged into the SDS+ drill motor, subtract 2-5/8" from the overall length.

SDS+ Percussion Chisels

SDS+ Cold Flat Chisels - for scaling, chipping, and chiseling.



Part #	Diam x Length	Chisel Tip	Shank Type
CFSDS-10	3/4" x 10"	Cold/Flat Chisel	SDS+

APPLICATIONS: Cold Flat = scaling, chipping, and chiseling. Made to fit in all roto-hammer guns that accepts bit shafts that have 2 slots and 2 indentions as per **SDS+** standards. Manufactured in USA

SDS+ Scaling Chisels - for removing scale, rust, and weld spatter



Part #	Diam x Length	Chisel Tip	Shank Type
CSSDS-10	1 1/2" x 10"	Scaling Chisel	SDS+

APPLICATIONS: Scaling Chisel is for removing scale, rust, and weld spatter. Made to fit in all roto-hammer guns that accepts bit shafts that have 2 slots and 2 indentions as per **SDS+** standards. Manufactured in USA

SDS+ Bull Point Chisels - used for light demolition work



Part #	Diam x Length	Chisel Tip	Shank Type
CMSDS-10	10"	Bull/Moil Point	SDS+

APPLICATIONS: Bull / Moil Chisel is designed for light demolition work. Made to fit in all roto-hammer guns that accepts bit shafts that have 2 slots and 2 indentions as per **SDS+** standards. Manufactured in USA

SDS+ Percussion Adapters

SDS+ Percussion Bits - Adapts SDS+ bits to SDS-MAX and SPLINE Drive Drills



Part #	Description	Adapts This Bit	to This Drill
SDS-MAX	SDS+ Bit Adapter (to Max)	SDS+	to SDS-Max
SDS-SPL	SDS+ Bit Adapter (to Spline)	SDS+	to Spline

These adapters are to use **SDS+** series hammer bits in **Spline** drive and **SDS-Max** tools.

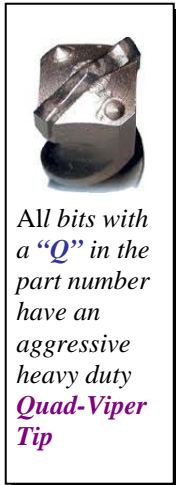
SDS-MAX Percussion Bits

SDS-MAX Percussion Bits-

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



Std Heavy Duty welded Carbide tip on smaller sizes up to 3/4"



All bits with a "Q" in the part number have an aggressive heavy duty Quad-Viper Tip



SDS-MAX
3/4" Diameter



2 indentions
3 vertical slots

FOR USE IN: TE 52, 54, 60, 72, 74, 92, 94, 24, Hilti hammer drill designed to accept the Large TE Series **SDS-MAX**

Part #	Overall Diam x Length	Drill Style	Shank Type	Carbide Tip Style
LHM-3813	3/8 x 13"	Hammer	SDS-MAX	standard
LHM-1213	1/2 x 13"	Hammer	SDS-MAX	standard
LHM-1218	x 18"	Hammer	SDS-MAX	standard
LHM-1224	x 24"	Hammer	SDS-MAX	standard
LHM-1230	x 30"	Hammer	SDS-MAX	standard
LHM-1236	x 36"	Hammer	SDS-MAX	standard
LHM-1248	x 48"	Hammer	SDS-MAX	standard
LHM-91613	9/16 x 13"	Hammer	SDS-MAX	standard
LHM-91624	x 24"	Hammer	SDS-MAX	standard
LHM-5813	5/8 x 13"	Hammer	SDS-MAX	standard
LHM-5824	x 24"	Hammer	SDS-MAX	standard
LHMQ-5830	x 30" Q	Hammer	SDS-MAX	standard
LHMQ-5836	x 36" Q	Hammer	SDS-MAX	standard
LHMQ-5848	x 48" Q	Hammer	SDS-MAX	standard
LHMQ-3412	3/4 x 12" Q	Hammer	SDS-MAX	standard
LHMQ-3418	x 18" Q	Hammer	SDS-MAX	standard
LHM-3424	x 24"	Hammer	SDS-MAX	standard
LHMQ-3424	x 24" Q	Hammer	SDS-MAX	standard
LHMQ-3430	x 30" Q	Hammer	SDS-MAX	standard
LHMQ-3436	x 36" Q	Hammer	SDS-MAX	standard
LHMQ-3448	x 48" Q	Hammer	SDS-MAX	standard
LHMQ-7813	7/8 x 13" Q	Hammer	SDS-MAX	standard
LHMQ-7818	x 18" Q	Hammer	SDS-MAX	standard
LHMQ-7824	x 24" Q	Hammer	SDS-MAX	standard
LHMQ-7836	x 36" Q	Hammer	SDS-MAX	standard
LHMQ-113	1" x 13" Q	Hammer	SDS-MAX	standard
LHMQ-118	x 18" Q	Hammer	SDS-MAX	standard
LHM-124	x 24"	Hammer	SDS-MAX	standard
LHMQ-124	x 24" Q	Hammer	SDS-MAX	standard
LHMQ-136	x 36" Q	Hammer	SDS-MAX	standard
LHMQ-148	x 48" Q	Hammer	SDS-MAX	standard
LHMQ-11813	1 1/8 x 13" Q	Hammer	SDS-MAX	standard
LHMQ-11818	x 18" Q	Hammer	SDS-MAX	standard
LHMQ-11824	x 24" Q	Hammer	SDS-MAX	standard
LHMQ-131624	1 3/16 x 24" Q	Hammer	SDS-MAX	standard

---additional sizes continued on next page---

SDS-MAX Percussion Bits are excellent, heavy duty bits 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.

To determine the usable drilling depth of the bit after it is fully engaged into the SDS-MAX drill motor, subtract 6" from the overall length.

SDS-MAX Percussion Bits (continued)

SDS-MAX Percussion Bits— Large Series Hammer Bits with a Slotted Drive Shaft for use in Hilti/Bosch Hammer Drills.



SDS-MAX
3/4" Diameter



2 indentions
3 vertical slots

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<u>Part #</u>	<u>Overall Diam x Length</u>	<u>Drill Style</u>	<u>Shank Type</u>	<u>Carbide Tip Style</u>
LHM-11414	1 1/4 x 15"	Hammer	SDS-MAX	standard
LHMQ-11414	x 15" Q	Hammer	SDS-MAX	standard
LHMQ-11424	x 24" Q	Hammer	SDS-MAX	standard
LHMQ-11436	x 36" Q	Hammer	SDS-MAX	standard
LHMQ-13818	1 3/8 x 18" Q	Hammer	SDS-MAX	standard
LHMQ-13824	x 24" Q	Hammer	SDS-MAX	standard
LHM-11215	1 1/2 x 15"	Hammer	SDS-MAX	standard
LHMQ-11215	x 15" Q	Hammer	SDS-MAX	standard
LHMQ-11218	x 18" Q	Hammer	SDS-MAX	standard
LHMQ-11224	x 24" Q	Hammer	SDS-MAX	standard
LHMQ-11236	x 36" Q	Hammer	SDS-MAX	standard
LHMQ-11248	x 48" Q	Hammer	SDS-MAX	standard
LHMQ-15824	1 5/8 x 24" Q	Hammer	SDS-MAX	standard
LHMQ-13424	1 3/4 x 24" Q	Hammer	SDS-MAX	standard
LHMQ-224	2" x 24" Q	Hammer	SDS-MAX	standard

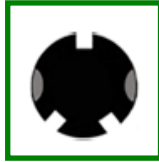
NOTE: All part numbers with a "Q" have a Viper Quad Tip.

SDS-MAX Percussion Bits are excellent, heavy duty bits 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. Overall length is within approximate within 1/2"

SDS-MAX Percussion Chisels

SDS-MAX Cold Flat Chisels -

for scaling, chipping, and chiseling.



<u>Part #</u>	<u>Width x Length</u>	<u>Chisel Tip</u>	<u>Shank Type</u>
CFTE-12	1" x 12"	Cold Flat Chisel	SDS-MAX
CFTE-18	x 18"	Cold Flat Chisel	SDS-MAX

APPLICATIONS: Cold Flat = scaling, chipping, and chiseling. Made to fit in all roto-hammer guns that accept bit shafts that have 3 slots and 2 indentions as per **SDS-MAX** standards. Manufactured in USA

SDS-MAX Scaling Chisels -

for removing scale, rust, and weld

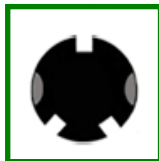


<u>Part #</u>	<u>Width x Length</u>	<u>Chisel Tip</u>	<u>Shank Type</u>
CSTE-212	2" x 12"	Scaling Chisel	SDS-MAX
CSTE-218	x 18"	Scaling Chisel	SDS-MAX
CSTE-312	3" x 12"	Scaling Chisel	SDS-MAX

APPLICATIONS: Scaling Chisel is for removing scale, rust, and weld spatter. Made to fit in all roto-hammer guns that accept bit shafts that have 3 slots and 2 indentions as per **SDS-MAX** standards. Manufactured in USA

SDS-MAX Bull Point Chisels -

used for light demolition work

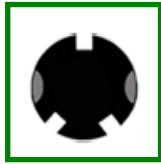


<u>Part #</u>	<u>Length</u>	<u>Chisel Tip</u>	<u>Shank Type</u>
CMTE-12	12"	Bull / Moil Point Chisel	SDS-MAX
CMTE-18	18"	Bull / Moil Point Chisel	SDS-MAX

APPLICATIONS: Bull / Moil Chisel is designed for light demolition work. Made to fit in all roto-hammer guns that accept bit shafts that have 3 slots and 2 indentions as per **SDS-MAX** standards. Manufactured in USA

SDS-MAX Percussion Chisels (continued)

SDS-MAX Slotting Chisels - for cutting slots between the holes



<u>Part #</u>	<u>Width x Length</u>	<u>Chisel Tip</u>	<u>Shank Type</u>
CSLTE-12	1 1/2" x 12"	Slotting Chisel	SDS-MAX

APPLICATIONS: Slotting Chisel is designed for cutting slots between the holes. Made to fit in all roto-hammer guns that accept bit shafts that have 3 slots and 2 indentions as per **SDS-MAX** standards. Manufactured in USA

SDS-MAX Clay Digging Chisels- for digging hard clay, dirt and gravel

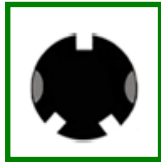


<u>Part #</u>	<u>Width x Length</u>	<u>Chisel Tip</u>	<u>Shank Type</u>
CCLAYTE	4" x 15"	Clay Digging	SDS-MAX

APPLICATIONS: Clay Digging Chisel is designed for digging hard clay, dirt, and gravel. Made to fit in all roto-hammer guns that accept bit shafts that have 3 slots and 2 indentions as per **SDS-MAX** standards. Manufactured in USA

SDS-MAX Ground Rod Drivers

SDS-MAX Ground Rod Driver - for driving ground rods

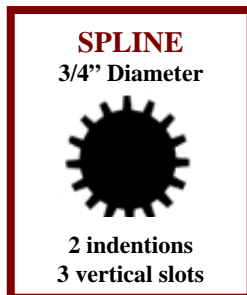


<u>Part #</u>	<u>Description</u>	<u>Shank Type</u>
GRD-58	5/8" Ground Rod Drivers	SDS-MAX
GRD-34	3/4" Ground Rod Drivers	SDS-MAX

APPLICATIONS: Designed to drive 5/8" or 3/4" ground rods.. Made to fit in all roto-hammer guns that accept bit shafts that have 3 slots and 2 indentions as per **SDS-MAX** standards. Manufactured in USA

SPLINE DRIVE Percussion Bits

Spline Percussion Bits—
Large Series Hammer Bits with a
SPLINE-DRIVE Shaft.



FOR USE IN: AEG, B & D, Bosch, Hitachi, Knago, Makita, Milwaukee, Phillips, Porter Cable, and Ryobi.

Part #	Overall Diam x Length	Drill Style	Shank Type	Carbide Tip Style
SP-3812	3/8 x 12"	Hammer	SPLINE	standard
SP-3818	x 18"	Hammer	SPLINE	standard
SP-71612	7/16 x 12"	Hammer	SPLINE	standard
SP-1212	1/2 x 12"	Hammer	SPLINE	standard
SP-1218	x 18"	Hammer	SPLINE	standard
SP-1224	x 24"	Hammer	SPLINE	standard
SP-1230	x 30"	Hammer	SPLINE	standard
SP-1236	x 36"	Hammer	SPLINE	standard
SP-1248	x 48"	Hammer	SPLINE	standard
SP-91612	9/16 x 12"	Hammer	SPLINE	standard
SP-91618	x 18"	Hammer	SPLINE	standard
SP-5812	5/8 x 12"	Hammer	SPLINE	standard
SP-5818	x 18"	Hammer	SPLINE	standard
SP-5824	x 24"	Hammer	SPLINE	standard
SP-5830	x 30"	Hammer	SPLINE	standard
SP-5836	x 36"	Hammer	SPLINE	standard
SPQ-5848	x 48" Q	Hammer	SPLINE	standard
SPQ-3412	3/4 x 12" Q	Hammer	SPLINE	standard
SPQ-3418	x 18" Q	Hammer	SPLINE	standard
SP-3424	x 24"	Hammer	SPLINE	standard
SPQ-3424	x 24" Q	Hammer	SPLINE	standard
SPQ-3430	x 30" Q	Hammer	SPLINE	standard
SPQ-3436	x 36" Q	Hammer	SPLINE	standard
SPQ-3448	x 48" Q	Hammer	SPLINE	standard
SPQ-7812	7/8 x 12" Q	Hammer	SPLINE	standard
SPQ-7818	x 18" Q	Hammer	SPLINE	standard
SPQ-7824	x 24" Q	Hammer	SPLINE	standard
SP-7836	x 36"	Hammer	SPLINE	standard
SPQ-7836	x 36" Q	Hammer	SPLINE	standard
SPQ-7848	x 48" Q	Hammer	SPLINE	standard
SPQ-112	1" x 12" Q	Hammer	SPLINE	standard
SPQ-118	x 18" Q	Hammer	SPLINE	standard
SPQ-124	x 24" Q	Hammer	SPLINE	standard
SPQ-130	x 30" Q	Hammer	SPLINE	standard
SPQ-136	x 36" Q	Hammer	SPLINE	standard
SPQ-148	x 48" Q	Hammer	SPLINE	standard
SP-11815	1 1/8 x 15"	Hammer	SPLINE	standard
SPQ-11818	x 18" Q	Hammer	SPLINE	standard
SPQ-11836	x 24" Q	Hammer	SPLINE	standard
SPQ-11836	x 36" Q	Hammer	SPLINE	standard

---additional sizes continued on next page---

SPLINE-DRIVE Percussion Bits are excellent, heavy duty bits 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.

SPLINE DRIVE Percussion Bits (continued)

Spline Percussion Bits– Large Series Hammer Bits with a SPLINE-DRIVE Shaft.



---continued from previous page---

Part #	Overall Diam x Length	Drill Style	Shank Type	Carbide Tip Style
SPQ-11418	1 1/4 x 18" Q	Hammer	SPLINE	standard
SP-11424	x 24"	Hammer	SPLINE	standard
SPQ-11424	x 24" Q	Hammer	SPLINE	standard
SPQ-11436	x 36" Q	Hammer	SPLINE	standard
SPQ-11448	x 48" Q	Hammer	SPLINE	standard
SPQ-13818	1 3/8 x 18" Q	Hammer	SPLINE	standard
SPQ-13824	x 24" Q	Hammer	SPLINE	standard
SPQ-11218	1 1/2 x 18" Q	Hammer	SPLINE	standard
SPQ-11224	x 24" Q	Hammer	SPLINE	standard
SPQ-11236	x 36" Q	Hammer	SPLINE	standard
SPQ-11236	x 48" Q	Hammer	SPLINE	standard
SPQ-15824	1 5/8 x 24" Q	Hammer	SPLINE	standard
SPQ-13424	1 3/4 x 24" Q	Hammer	SPLINE	standard
SPQ-224	2" x 24" Q	Hammer	SPLINE	standard

NOTE: All part numbers with a "Q" have a Viper Quad Tip.

To determine the usable drilling depth of the bit after it is fully engaged into the SPLINE DRIVE drill motor, subtract 6" from the overall length.

SPLINE DRIVE Percussion Chisels

Spline Cold Flat Chisels – for scaling, chipping, and chiseling.



Part #	Length	Chisel Tip	Shank Type
CF-12	1" x 12"	Scaling Chisel	SPLINE
CF-18	x 18"	Scaling Chisel	SPLINE

APPLICATIONS: Cold Flat = scaling, chipping, and chiseling. Made to fit in all roto-hammer guns that accept bit shafts that have GEAR style slots as per **SPLINE** standards. Manufactured in USA

Spline Scaling Chisels - for removing scale, rust, and weld spatter



Part #	Length	Chisel Tip	Shank Type
CS-12	2" x 12"	Scaling Chisel	SPLINE
CS-18	x 18"	Scaling Chisel	SPLINE
CS-12X3	3" x 12"	Scaling Chisel	SPLINE

APPLICATIONS: Scaling Chisel is for removing scale, rust, and weld spatter. Made to fit in all roto-hammer guns that accept bit shafts that have GEAR style slots as per **SPLINE** standards. Manufactured in USA

SPLINE-DRIVE Percussion Chisels (continued)

Spline Bull Point Chisels – used for light demolition work



<u>Part #</u>	<u>Length</u>	<u>Chisel Tip</u>	<u>Shank Type</u>
CM-12	12"	Bull / Moil Point Chisel	SPLINE
CM-18	18"	Bull / Moil Point Chisel	SPLINE

APPLICATIONS: Bull / Moil Chisel is designed for light demolition work. Made to fit in all roto-hammer guns that accept bit shafts that have GEAR style slots as per **SPLINE** standards. Manufactured in USA

Spline Slotting Chisels – for cutting slots between the holes



<u>Part #</u>	<u>Length</u>	<u>Chisel Tip</u>	<u>Shank Type</u>
CSL-12	1 1/2" x 12"	Slotting Chisel	SPLINE

APPLICATIONS: Slotting Chisel is designed for cutting slots between the holes. Made to fit in all roto-hammer guns that accept bit shafts that have GEAR style slots as per **SPLINE** standards. Manufactured in USA

Spline Cold Flat Chisels – for digging hard clay, dirt and gravel



<u>Part #</u>	<u>Length</u>	<u>Chisel Tip</u>	<u>Shank Type</u>
CCLAY	4" x 15"	Clay Digging	SPLINE

APPLICATIONS: Clay Digging Chisel is designed for digging hard clay, dirt, and gravel. Made to fit in all roto-hammer guns that accept bit shafts that have GEAR style slots as per **SPLINE** standards. Manufactured in USA

SPLINE-DRIVE Ground Rod Drivers

Spline Ground Rod Driver – for driving ground rods

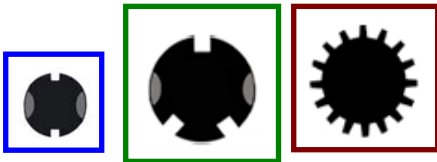


<u>Part #</u>	<u>Length</u>	<u>Chisel Tip</u>	<u>Shank Type</u>
GRD-58	5/8"	Ground Rod Drivers	SPLINE
GRD-34	3/4"	“ “ “	SPLINE

APPLICATIONS: Designed to drive 5/8" or 3/4" ground rods.. Made to fit in all roto-hammer guns that accept bit shafts that have GEAR style slots as per **SPLINE** standards. Manufactured in USA

SDS+ REBAR CUTTERS

SDS+ REBAR CUTTERS - for drilling through imbedded REBAR and preserving the life of your Percussion Hammer Bits

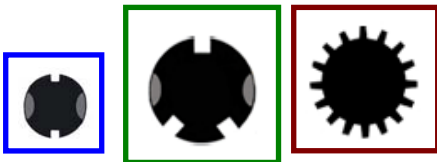


<u>Part #</u>	<u>Diam x Length</u>	<u>Drill Style</u>	<u>Tip Style</u>
REH-3812	3/8" x 12"	Rebar Cutter Head	multiple
REH-1212	1/2" x 12"	Rebar Cutter Head	multiple
REH-91612	9/16" x 12"	Rebar Cutter Head	multiple
REH-5812	5/8" x 12"	Rebar Cutter Head	multiple
REH-3412	3/4" x 12"	Rebar Cutter Head	multiple
REH-7812	7/8" x 12"	Rebar Cutter Head	multiple
REH-11812	1 1/8" x 12"	Rebar Cutter Head	multiple
REH-11412	1 1/4" x 12"	Rebar Cutter Head	multiple
REH-11212	1 1/2" x 12"	Rebar Cutter Head	multiple
RPEH-SDS	10"	SDS+ Shank Attachment	male thread
RPEH-MAX	10"	SDS-MAX Shank Attachment	male thread
RPEH-SPL	10"	SPLINE Shank Attachment	male thread

REBAR CUTTERS are excellent for drilling through imbedded REBAR and preserving the life of your percussion roto-hammer bits. This system uses a single head with a screw on threaded shank.

SDS+ STEEL PLATE CUTTERS

SDS+ PLATE CUTTERS - for drilling through imbedded STEEL PLATES and preserving the life of your Percussion Hammer Bits



<u>Part #</u>	<u>Diam x Length</u>	<u>Drill Style</u>	<u>Shank Type</u>	<u>Carbide Tip Style</u>
PCH-3812	3/8" x 12"	Plate Cutter Head	universal	standard
PCH-1212	1/2" x 12"	Plate Cutter Head	universal	standard
PCH-91612	9/16" x 12"	Plate Cutter Head	universal	standard
PCH-5812	5/8" x 12"	Plate Cutter Head	universal	standard
PCH-3412	3/4" x 12"	Plate Cutter Head	universal	standard
PCH-7812	7/8" x 12"	Plate Cutter Head	universal	standard
PCH-11812	1 1/8" x 12"	Plate Cutter Head	universal	standard
PCH-11412	1 1/4" x 12"	Plate Cutter Head	universal	standard
PCH-11212	1 1/2" x 12"	Plate Cutter Head	universal	standard
RPEH-SDS	10"	SDS+ Shank Attachment		male thread
RPEH-MAX	10"	SDS-MAX Shank Attachment		male thread
RPEH-SPL	10"	SPLINE Shank Attachment		male thread

STEEL PLATE CUTTERS are excellent for drilling through imbedded plates and preserving the life of your percussion roto-hammer bits.

THIN WALL PERCUSSION CORE BITS

Thin Wall Percussion Core-
Hammer Style with a Slotted Drive
Shaft for use in Hilti/Bosch
Hammer Drills



THINWALL SERIES
Feature Rope Thread
Shank & Core
attachment style



<u>Part #</u>	<u>Size</u>	<u>Drill Style</u>	<u>Approx Length</u>	<u>Style of Attachment</u>
TCOR-112	1 1/2"	Thin Wall Core Bit	3"	<i>Threaded</i>
TCOR-134	1 3/4"	" "	3"	<i>Threaded</i>
TCOR-2	2"	" "	3"	<i>Threaded</i>
TCOR-212	2 1/2"	" "	3"	<i>Threaded</i>
TCOR-3	3"	" "	3"	<i>Threaded</i>
TCOR-312	3 1/2"	" "	3"	<i>Threaded</i>
TCOR-4	4"	" "	3"	<i>Threaded</i>
TCOR-SDS8	8"	SDS+ Shank		<i>Threaded</i>
TCOR-SDS12	12"	" "		<i>Threaded</i>
TCOR-MAX12	12"	TE MAX Shank		<i>Threaded</i>
TCOR-MAX18	18"	" "		<i>Threaded</i>
TCOR-SPL12	12"	SPLINE Shank		<i>Threaded</i>
TCOR-SPL18	18"	" "		<i>Threaded</i>
TCOR-START	4"	Universal Starter Bit		<i>Drop-In</i>

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 production drilling into **hard slag-concrete** we recommend the THICKWALL. CORES (see next page)



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

THICK WALL PERCUSSION CORE BITS

Thick Wall Percussion Core-

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



*THICK WALL SERIES
Features Taper Fit
Shank & Core
attachment style*

*NOTE: Taper fit Style shanks permanently
become one piece during use.*



<u>Part #</u>	<u>Size</u>	<u>Drill Style</u>	<u>Approx Length</u>	<u>Style of Attachment</u>
COR-112	1 1/2"	Thickwall Core Bit	4"	Threaded
COR-134	1 3/4"	" "	4"	Threaded
COR-2	2"	" "	4"	Threaded
COR-212	2 1/2"	" "	4"	Threaded
COR-3	3"	" "	4"	Threaded
COR-312	3 1/2"	" "	4"	Threaded
COR-4	4"	" "	4"	Threaded
COR-412	4 1/2"	" "	4"	Threaded
COR-5	5"	" "	4"	Threaded
COR-6	6"	" "	4"	Threaded
COR-MAX12	12"	TE MAX Shank		Threaded
COR-MAX18	18"	" "		Threaded
COR-SPL12	12"	SPLINE Shank		Threaded
COR-SPL18	18"	" "		Threaded
COR-START	4"	Starter Bit		Taper Fit

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.

THICK WALL PERCUSSION CORE BITS

Thick Wall Percussion Core-

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



*N-STYLE THICKWALL
Features Rope Thread
Shank & Core
attachment style*



Part #	Size	Drill Style	Approx Length	Style of Attachment
NCOR-112	1 1/2"	Thickwall Core Bit	4"	Threaded
NCOR-134	1 3/4"	" "	4"	Threaded
NCOR-2	2"	" "	4"	Threaded
NCOR-212	2 1/2"	" "	4"	Threaded
NCOR-3	3"	" "	4"	Threaded
NCOR-312	3 1/2"	" "	4"	Threaded
NCOR-4	4"	" "	4"	Threaded
NCOR-412	4 1/2"	" "	4"	Threaded
NCOR-5	5"	" "	4"	Threaded
NCOR-6	6"	" "	4"	Threaded
NCOR-MAX12	12"	TE MAX Shank		Threaded
NCOR-MAX18	18"	" "		Threaded
NCOR-SPL12	12"	SPLINE Shank		Threaded
NCOR-SPL18	18"	" "		Threaded
NCOR-START	4"	Starter Bit		Drop-In

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.

FREQUENTLY ASKED QUESTIONS

1. **How do I determine the usable length of the drill bit?** *(Answer) The usable length is what is left sticking out of the drill motor after it is inserted and engaged. To determine on **SDS+** just subtract 2-5/8" for the overall length. For **SDS-MAX** and **SPLINE** drive you can subtract 6" from the overall length.*
2. **Why can I not find SDS+ bits in sizes above 1-1/4"?** *(Answer) The drill motors that are designed to accept SDS+ drill bits can't handle the weight of those larger bits. This is also why only the "Thin Wall" core bits have an SDS+ shank option and the "Thick Wall" do not.*
3. **Why do some percussion chisel shanks not look like the drill bit shanks?** *(Answer) When using percussion chisels, the drill motor is set in percussion only mode with no rotation. With no rotation taking place, many manufacturers designed the shank on chisels to be universal for use in multiple different drills. Though it may look different, the chisel will fit securely into the chuck and work flawlessly.*

SHANK STYLE PICTURE KEY
