

RELTON CORPORATION

RELTON STORY

In 2006, Relton will mark 60 years in business; we began in 1946 as the Termit Drill Company. The company's first product was the multiple-carbide, core-style, rotary masonry drill bit invented by our founder. This basic design quickly became the standard of the industry. Relton has since become the **broadest-line supplier of hammer and rotary bits and hole saws** - and we still sell the original product!

Recent Relton innovations include our patented **Pyramid Point** hammer tip design with a central point surrounded by 4 cutters for precise smooth drilling, in spline, SDS-max, and now SDS+. Our Rebar Eaters in straight shank and SDS+ are the industry standard, and our **GRT** rotary/percussion bit line is perfect for hard metal, granite, and other difficult materials.

New Rapid Tap[®], our ozone-friendly hard-metal cutting fluid, heads a complete line of cutting fluids and oils, which includes **A-9**[®] for aluminum, bio-degradable **Option 1**[®], and more recent additions in the 1990's. In 1994, Relton formulated **TCO-14**[™] (dark) and **TCO-16**[™] (light) Thread-Cutting Oil, and in 1995, we introduced **Air-Flo**[®] air tool oil. Further expansion in 1999 brought **Rel Saw**[™], a semi-synthetic fluid for band sawing, **Stick-Kut**[™], a lubricating stick wax, **New Rapid Tap**[®] Paste, and **Rel-Air**[™] Compressor Oil.

Relton drill bits are used by the construction trades in the drilling of concrete and other masonry, while the hole saws are used in the cutting of diverse materials such as metal, wood, fiberglass, ceramic tile, pipe and stucco. Relton makes a wide variety of cataloged products, and also specialty bits and hole saws to customers' specifications.

How have we continued in business for over 60 years in the face of stiff competition from companies far larger than we? **We maintain a high service level** - shipping quickly from the broadest line in the business. **We produce high-quality products** - testing them constantly to ensure that quality. **We're flexible** - making the specialty products you need, not only the cataloged items you see here. **We're unique** - boasting one of the few production-grade, long-lasting hole saw lines in the world.

We manufacture special items on request. If you don't see what you're looking for, call us--we'll try to accommodate your needs.

FACTS TO REMEMBER ABOUT RELTON MASONRY TOOLS

Most Relton bits can be easily resharpened. The high quality carbide tip is also replaceable, allowing for possible rebuilding of the entire bit.

Relton hammer bits comply with ANSI Standard B212.15-1994 where applicable. All Relton Tools should be used in conformity with the power tool manufacturers' specifications.

Special diameters or lengths can be produced on request. Because certain restrictions apply to this offer, please discuss your request with your Authorized Relton Distributor or the Relton factory in Arcadia, California.

WE STAND BEHIND OUR PRODUCTS

All Relton Tools are manufactured to exacting specifications and are guaranteed to be free of defects in workmanship or material. If inspection of returned products leads Relton to conclude that a product is defective, Relton will promptly repair or replace that product, free of charge. Relton Corporation assumes no responsibility for products damaged by user misuse or altered by others. **Warranty limitation on extra-long bits:** In this catalog, we introduce 38" SDS+ and 54"/66" Pyramid Point SDS-max and spline bits; warranty for breakage is limited to Relton discretion—see page 20 for use suggestions. No other guarantee, written or verbal, is authorized.

Please return the tool alleged to be defective, transportation prepaid, to:
Relton Corporation
317 Roly Place
Arcadia, California 91007-2838

WARNING

- Protective goggles should be worn when drilling, sawing, etc. Safety steps should be taken in anticipation of possible sudden binding or breakage of any tool.
- Relton Corporation provides a factory resharpening service. We do not recommend that the user attempt to resharpen the tool.
- Relton reserves the right to make design or formula changes at any time, with or without notice

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TABLE OF CONTENTS

CARBIDE DIVISION

Rotary Hammer Bits

SDS+	4,5
SDS-max [®]	6
Spline	7
A & B Taper	8
Forged Hammer Tools	9
Hard-Head	10
Core Bits	11

Adaptors

Quik-Lok [®]	5
A & B Taper	8
Drill Rig	15

Rotary Percussion Bits

Ram-Tip [™]	12
Groo-V [®] Tip	13
Screw-Type Anchor Bits	13
Bell Hanger Bits	14
R4X [™]	14

Rotary Only Drill Bits

Tip-Tip [™]	14
Rotary Core	15

Rebar Eaters

Rebar Eaters	17
--------------	----

Technical Information

Carbide Masonry Tools	18
-----------------------	----

Specialty Product

How to Order	19
--------------	----

Factory Service

Bit Retipping	20
---------------	----

HOLE SAW DIVISION

Brazed Carbide Hole Saws

Metal Cutting	22
Interrupted Cut	22
Wood / Fiberglass	23
Hard-Plastic	23
Tub/Spa	24
Thin Gauge/Sheet Metal	24
Shanks & Pilots	24
Porcelain Cutters	25
Hole Saw Hook [®]	25
Spring Ejector	25

Specialty Product

How to order	26
--------------	----

Factory Service

Hole Saw Retipping	26
--------------------	----

CHEMICAL DIVISION

Tapping Fluids

New Rapid Tap [®]	28
A-9 [®]	28
Option 1 [®]	29

Band Saw Products

Rel Saw [™] (Recirculating Fluid)	29
Stick-Kut [™] (Stick Wax)	30

Thread Cutting Oil

TCO-14 [™] Dark	30
TCO-16 [™] Light	30

Air Tool/Compressor Oils

Air-FLO [™] Air Tool Oil	31
Rel-Air [™] Compressor Oil	31

Relton Corporation on the Internet

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CARBIDE DIVISION



SDS+ SHANK HAMMER BITS



SINGLE CUTTER

POINT DIA.	OVERALL LENGTH	DRILLING DEPTH	PART NO.	LIST PRICE	WT. (lbs)	BULK QTY	WT. (lbs)
5/32"	4 1/2"	2 1/2"	207-1-4†	\$ 12.00	0.1	25	2.5
5/32"	6"	4"	207-1-6†	12.50	0.1	25	2.5
5/32"	8"	6"	207-1-8	13.00	0.1	25	2.5
3/16"	4 1/2"	2 1/2"	207-3-4†	6.00	0.1	25	2.5
3/16"	6"	4"	207-3-6†	7.00	0.1	25	2.5
3/16"	8"	6"	207-3-8†	9.00	0.1	25	2.5
3/16"	10"	8"	207-3-10†	18.00	0.2	25	5
3/16"	14"	12"	207-3-14*	25.00	0.2	25	-
7/32"	6"	4"	207-2-6†	9.00	0.1	25	2.5
7/32"	10"	8"	207-2-10†	19.00	0.3	25	7.5
7/32"	16"	14"	207-2-16*	27.00	0.5	25	-
1/4"	4"	2"	207-4-4†	6.00	0.1	25	2.5
1/4"	6"	4"	207-4-6†	7.00	0.1	25	2.5
1/4"	8"	6"	207-4-8†	9.00	0.2	25	5
1/4"	10"	8"	207-4-10	15.00	0.3	25	7.5
1/4"	14"	12"	207-4-14*	20.00	0.3	25	-
1/4"	20"	18"	207-4-20*	23.00	0.4	25	-
9/32"	8"	6"	207-4.5-8†	16.00	0.3	25	7.5
5/16"	6"	4"	207-5-6†	10.00	0.2	25	5
5/16"	10"	8"	207-5-10†	17.00	0.3	25	7.5
5/16"	14"	12"	207-5-14*	20.00	0.3	25	-
3/8"	6"	4"	207-6-6†	9.00	0.2	25	5
3/8"	10"	8"	207-6-10†	17.00	0.3	25	7.5
3/8"	14"	12"	207-6-14*	21.00	0.4	25	-
3/8"	18"	16"	207-6-18*	31.00	0.5	25	-
3/8"	25"	22"	207-6-25*	46.00	0.7	25	-
3/8"	38"	36"	207-6-38*	225.00	1.0	25	-
7/16"	6"	4"	207-7-6†	17.00	0.3	25	7.5
7/16"	12"	10"	207-7-12*	21.00	0.5	25	-
1/2"	6"	4"	207-8-6†	11.00	0.3	25	7.5
1/2"	10"	8"	207-8-10†	23.00	0.4	25	10
1/2"	14"	12"	207-8-14*	28.00	0.6	25	-
1/2"	18"	16"	207-8-18*	36.00	0.8	25	-
1/2"	25"	22"	207-8-25*	47.00	0.9	25	-
1/2"	38"	36"	207-8-38*	241.00	1.3	25	-
9/16"	6"	4"	207-9-6†	20.00	0.3	25	7.5
9/16"	12"	10"	207-9-12*	29.00	0.6	25	-
9/16"	18"	16"	207-9-18*	42.00	0.8	25	-
9/16"	25"	22"	207-9-25*	51.00	1.0	25	-
5/8"	8"	6"	207-10-8†	20.00	0.5	25	12.5
5/8"	14"	12"	207-10-14*	38.00	0.8	25	-
5/8"	18"	16"	207-10-18*	51.00	0.9	25	-
11/16"	10"	8"	207-11-10*	45.00	0.6	25	-
3/4"	8"	6"	207-12-8†	35.00	0.6	25	15
3/4"	14"	12"	207-12-14*	45.00	1.0	25	-
3/4"	18"	16"	207-12-18*	58.00	1.3	25	-
27/32"	8"	6"	207-13A-8*	58.00	0.8	25	-
7/8"	8"	6"	207-14-8*	56.00	0.8	25	-
7/8"	14"	12"	207-14-14*	63.00	1.4	25	-
7/8"	18"	16"	207-14-18*	71.00	1.7	25	-
1"	8"	6"	207-16-8*	58.00	1.0	25	-
1"	18"	16"	207-16-18*	78.00	2.3	25	-
1 1/8"	8"	6"	207-18-8*	63.00	1.3	25	-
1 1/8"	18"	16"	207-18-18*	79.00	3.0	25	-

† Hang up tabs available on request.

MULTIPLE CUTTER

PYRAMID POINT®



- Patented, new technology tip
- 5 Premium-grade carbide inserts
- Faster smoother drilling and longer lasting
- Precise hole location, easy start center point
- Heat-treated, shot-peened, superior steel
- Ultra efficient dust removal flute design
- Available up to 60" drilling depth
- 38" bits have 12" flute length and undercut body

POINT DIA.	OVERALL LENGTH	DRILLING DEPTH	PART NO.	LIST PRICE	WT. (lbs)
5/8"	8"	6"	P207-10-8	\$ 30.00	0.5
5/8"	14"	12"	P207-10-14	48.00	0.7
5/8"	18"	16"	P207-10-18	61.00	0.8
5/8"	25"	22"	P207-10-25	72.00	1.1
5/8"	38"	36"	P207-10-38	247.00	2.0
11/16"	25"	22"	P207-11-25	83.00	1.3
3/4"	8"	6"	P207-12-8	45.00	0.6
3/4"	14"	12"	P207-12-14	55.00	1.0
3/4"	18"	16"	P207-12-18	68.00	1.2
3/4"	25"	22"	P207-12-25	115.00	1.7
3/4"	38"	36"	P207-12-38	258.00	2.2
7/8"	8"	6"	P207-14-8	66.00	0.7
7/8"	14"	12"	P207-14-14	73.00	1.3
7/8"	18"	16"	P207-14-18	81.00	1.8
7/8"	38"	36"	P207-14-38	302.00	2.8
1"	8"	6"	P207-16-8	68.00	1.0
1"	18"	16"	P207-16-18	88.00	2.0
1"	25"	22"	P207-16-25	131.00	3.0
1"	38"	36"	P207-16-38	365.00	3.6
1 1/8"	8"	6"	P207-18-8	73.00	1.1
1 1/8"	18"	16"	P207-18-18	89.00	2.0

SDS+ 5-PIECE DRILL SET



Refillable Case

Contains: 3/16" x 6"
1/4" x 6"
5/16" x 6"
3/8" x 6"
1/2" x 6"

SDS+

PART NO.	LIST PRICE	WT. (lbs)
207-K5	\$47.00	0.8

* Bulk quantities not available from immediate stock may be special-ordered.

To order bulk, use prefix "B" before part number.
Example: **B207-8-6**

SDS+ SHANK HAMMER BITS

Groo-V® Tip SDS+



Serrated-tip bits for extra hard materials

POINT DIA.	OVERALL LENGTH	DRILLING DEPTH	PART NO.	LIST PRICE	WT. (lbs)	BULK QTY	WT. (lbs)
5/32"	4 1/2"	2 1/2"	S207-1-4	\$ 13.50	0.1		2.5
5/32"	6"	4"	S207-1-6	14.00	0.1		2.5
5/32"	8"	6"	S207-1-8	15.00	0.1		2.5
3/16"	4 1/2"	2 1/2"	S207-3-4	8.00	0.1		2.5
3/16"	6"	4"	S207-3-6	9.00	0.1		2.5
3/16"	8"	6"	S207-3-8	11.00	0.1		2.5
3/16"	10"	8"	S207-3-10	20.00	0.2		5
3/16"	14"	12"	S207-3-14*	27.00	0.2		-
7/32"	6"	4"	S207-2-6	11.00	0.1		2.5
7/32"	10"	8"	S207-2-10	21.00	0.3		7.5
7/32"	16"	14"	S207-2-16*	29.00	0.5		-
1/4"	4"	2"	S207-4-4	8.00	0.1		2.5
1/4"	6"	4"	S207-4-6	9.00	0.1		2.5
1/4"	8"	6"	S207-4-8	11.00	0.2		5
1/4"	10"	8"	S207-4-10	17.00	0.3		7.5
1/4"	14"	12"	S207-4-14*	22.00	0.3	25	-
1/4"	20"	18"	S207-4-20*	25.00	0.4		-
5/16"	6"	4"	S207-5-6	12.00	0.2	P	5
5/16"	10"	8"	S207-5-10	19.00	0.3	E	7.5
5/16"	14"	12"	S207-5-14*	23.00	0.3	R	-
3/8"	6"	4"	S207-6-6	11.00	0.2		5
3/8"	10"	8"	S207-6-10	19.00	0.3		7.5
3/8"	14"	12"	S207-6-14*	24.00	0.4	S	-
3/8"	18"	16"	S207-6-18*	33.00	0.5	I	-
3/8"	25"	22"	S207-6-25*	48.00	0.7	Z	-
7/16"	6"	4"	S207-7-6	19.00	0.3	E	7.5
7/16"	12"	10"	S207-7-12*	24.00	0.5		-
1/2"	6"	4"	S207-8-6	13.00	0.3		7.5
1/2"	10"	8"	S207-8-10	25.00	0.4		10
1/2"	14"	12"	S207-8-14*	30.00	0.6		-
1/2"	18"	16"	S207-8-18*	38.00	0.8		-
1/2"	25"	22"	S207-8-25*	49.00	0.9		-
9/16"	6"	4"	S207-9-6	23.00	0.3		7.5
9/16"	12"	10"	S207-9-12*	31.00	0.6		-
9/16"	18"	16"	S207-9-18*	45.00	0.8		-
9/16"	25"	22"	S207-9-25*	53.00	1.0		-
5/8"	8"	6"	S207-10-8	23.00	0.5		12.5
5/8"	14"	12"	S207-10-14*	40.00	0.8		-
5/8"	18"	16"	S207-10-18*	53.00	0.9		-
11/16"	10"	8"	S207-11-10*	47.00	0.6		-
3/4"	8"	6"	S207-12-8	37.00	0.6		15
3/4"	14"	12"	S207-12-14*	47.00	1.0		-
3/4"	18"	16"	S207-12-18*	60.00	1.3		-
27/32"	8"	6"	S207-13A-8*	60.00	0.8		-
7/8"	8"	6"	S207-14-8*	58.00	0.8		-
7/8"	14"	12"	S207-14-14*	66.00	1.4		-
7/8"	18"	16"	S207-14-18*	73.00	1.7		-
1"	8"	6"	S207-16-8*	60.00	1.0		-
1"	18"	16"	S207-16-18*	80.00	2.3		-
1 1/8"	8"	6"	S207-18-8*	66.00	1.3		-
1 1/8"	18"	16"	S207-18-18*	81.00	3.0		-

QUIK-LOK™ ADAPTORS



Quik-Lok™ Adaptors accept SDS+ Shank Bits



SDS-max SHANK

PART NO.	DESCRIPTION	LIST PRICE	WT.(lbs)
QL-MX	SDS-max to SDS+	\$ 95.00	1.4



SPLINE SHANK

PART NO.	DESCRIPTION	LIST PRICE	WT. (lbs)
QL-202	Spline Drive to SDS+	\$ 90.00	1.4



TRI-FLAT SHANK

Ramset 340, 342, 345, 375, 640

PART NO.	DESCRIPTION	LIST PRICE	WT. (lbs)
QL-64	Tri-flat to SDS+	\$ 104.00	1.4



7/16" X 1-5/8" HEX SHANK

Milwaukee 5300-05-15 Skil 726

PART NO.	DESCRIPTION	LIST PRICE	WT. (lbs)
QL-726	7/16" Hex to SDS+	\$ 104.00	1.2



9/16" X 2-3/8" HEX SHANK

B & D 5048 Milwaukee 5325-26 Porter Cable 1602
Miller Falls SP499K Rockwell 602 Skil 628, 728, 731, 732, 1760

PART NO.	DESCRIPTION	LIST PRICE	WT. (lbs)
QL-728	9/16" Hex to SDS+	\$ 104.00	1.2



9/16" X 1-1/4" HEX SHANK

Bosch 11201 Metabo RH90 Philips 747, 700

PART NO.	DESCRIPTION	LIST PRICE	WT. (lbs)
QL-201	9/16" Hex to SDS+	\$ 104.00	1.3

Additional Shank-types available on request.
Replacement parts are available on request.

SDS+ 5-PIECE DRILL SET



Refillable Case

Contains: 3/16" x 6"
1/4" x 6"
5/16" x 6"
3/8" x 6"
1/2" x 6"

Serrated SDS+

PART NO.	LIST PRICE	WT. (lbs)
S207-K5	\$57.00	0.8

*Bulk quantities not available from immediate stock... may be special-ordered.
To order bulk, use prefix "B" before part number.
Example: B207-8-6

HAMMER BITS – SDS-max® SHANK



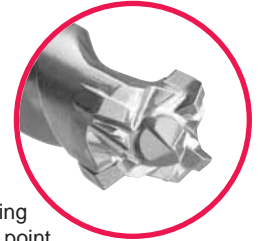
SINGLE CUTTER

POINT DIA.	OVERALL LENGTH	DRILLING DEPTH	PART NO.	LIST PRICE	WT. (lbs)	BULK QTY	WT (lbs)
3/8"	10"	4"	MX-6-10	\$ 51.00	0.8		8
3/8"	14"	8"	MX-6-14	52.00	0.8		8
3/8"	18"	12"	MX-6-18	58.00	0.9		9
7/16"	14"	8"	MX-7-14	52.00	0.8		8
1/2"	14"	8"	MX-8-14	52.00	0.9		9
1/2"	18"	12"	MX-8-18	58.00	1.1		11
1/2"	22"	16"	MX-8-22	73.00	1.2		12
1/2"	28"	22"	MX-8-28*	79.00	1.4		-
1/2"	42"	36"	MX-8-42*	160.00	1.7		-
1/2"	54"	48"	MX-8-54*	267.00	2.2		-
1/2"	66"	60"	MX-8-66*	288.00	2.7		-
9/16"	14"	8"	MX-9-14*	57.00	1.0		-
9/16"	18"	12"	MX-9-18*	65.00	1.1		-
9/16"	22"	16"	MX-9-22*	77.00	1.3	10	-
9/16"	28"	22"	MX-9-28*	95.00	1.5		-
5/8"	14"	8"	MX-10-14	57.00	1.1	P	11
5/8"	18"	12"	MX-10-18	66.00	1.3	E	13
5/8"	22"	16"	MX-10-22	83.00	1.4	R	14
5/8"	28"	22"	MX-10-28*	98.00	1.6		-
11/16"	14"	8"	MX-11-14	59.00	1.1	S	11
11/16"	22"	16"	MX-11-22	86.00	1.6	I	16
3/4"	14"	8"	MX-12-14	62.00	1.2	Z	12
3/4"	18"	12"	MX-12-18	74.00	1.5	E	15
3/4"	22"	16"	MX-12-22	86.00	1.7		17
3/4"	28"	22"	MX-12-28*	118.00	2.0		-
13/16"	14"	8"	MX-13-14*	95.00	1.3		-
13/16"	22"	16"	MX-13-22*	112.00	1.9		-
27/32"	14"	8"	MX-13A-14*	95.00	1.3		-
27/32"	22"	16"	MX-13A-22*	112.00	1.9		-
7/8"	14"	8"	MX-14-14	65.00	1.4		14
7/8"	18"	12"	MX-14-18	79.00	1.8		18
7/8"	22"	16"	MX-14-22	93.00	2.1		21
7/8"	28"	22"	MX-14-28*	117.00	2.6		-
1"	14"	8"	MX-16-14	72.00	1.7		17
1"	18"	12"	MX-16-18	86.00	2.2		22
1"	22"	16"	MX-16-22	107.00	2.6		26
1"	28"	22"	MX-16-28*	120.00	3.1		-
1 1/8"	14"	8"	MX-18-14*	89.00	1.9		-
1 1/8"	22"	16"	MX-18-22*	110.00	3.1		-
1 1/8"	28"	22"	MX-18-28*	154.00	3.9		-
1 1/4"	14"	8"	MX-20-14*	103.00	2.3		-
1 1/4"	22"	16"	MX-20-22*	126.00	3.6		-
1 1/4"	28"	22"	MX-20-28*	177.00	4.3		-
1 3/8"	22"	16"	MX-22-22*	147.00	4.1		-
1 1/2"	14"	8"	MX-24-14*	122.00	2.9		-
1 1/2"	22"	16"	MX-24-22*	173.00	4.8		-
1 1/2"	28"	22"	MX-24-28*	265.00	6.2		-



MULTIPLE CUTTER

PYRAMID POINT®



- Patented, new technology tip
- 5 Premium-grade carbide inserts
- Faster smoother drilling and longer lasting
- Precise hole location, easy start center point
- Heat-treated, shot-peened, superior steel
- Ultra efficient dust removal flute design
- Available in longer lengths; call factory for a quote
- 42", 54", & 66" bits have 31" flute length and undercut body

POINT DIA.	OVERALL LENGTH	DRILLING DEPTH	PART NO.	LIST PRICE	WT. (lbs)
5/8"	14"	8"	PMX-10-14	\$ 60.00	1.1
5/8"	18"	12"	PMX-10-18	70.00	1.3
5/8"	22"	16"	PMX-10-22	88.00	1.4
5/8"	42"	36"	PMX-10-42	174.00	2.8
5/8"	54"	48"	PMX-10-54	357.00	2.8
5/8"	66"	60"	PMX-10-66	372.00	3.4
3/4"	14"	8"	PMX-12-14	66.00	1.2
3/4"	18"	12"	PMX-12-18	78.00	1.5
3/4"	22"	16"	PMX-12-22	91.00	1.7
3/4"	42"	36"	PMX-12-42	186.00	2.9
3/4"	54"	48"	PMX-12-54	371.00	3.5
3/4"	66"	60"	PMX-12-66	385.00	4.5
7/8"	14"	8"	PMX-14-14	69.00	1.4
7/8"	18"	12"	PMX-14-18	83.00	1.8
7/8"	22"	16"	PMX-14-22	98.00	2.1
7/8"	42"	36"	PMX-14-42	212.00	3.7
7/8"	54"	48"	PMX-14-54	402.00	4.6
7/8"	66"	60"	PMX-14-66	417.00	5.6
1"	14"	8"	PMX-16-14	76.00	1.7
1"	18"	12"	PMX-16-18	91.00	2.2
1"	22"	16"	PMX-16-22	113.00	2.6
1"	42"	36"	PMX-16-42	248.00	4.6
1"	54"	48"	PMX-16-54	451.00	5.8
1"	66"	60"	PMX-16-66	466.00	6.7
1 1/8"	14"	8"	PMX-18-14	94.00	1.9
1 1/8"	22"	16"	PMX-18-22	116.00	3.1
1 1/8"	42"	36"	PMX-18-42	323.00	5.4
1 1/8"	54"	48"	PMX-18-54	547.00	6.6
1 1/8"	66"	60"	PMX-18-66	560.00	8.0
1 1/4"	14"	8"	PMX-20-14	109.00	2.3
1 1/4"	22"	16"	PMX-20-22	133.00	3.6
1 1/4"	42"	36"	PMX-20-42	335.00	6.4
1 1/4"	54"	48"	PMX-20-54	562.00	8.1
1 1/4"	66"	60"	PMX-20-66	575.00	9.8
1 3/8"	22"	16"	PMX-22-22	155.00	4.1
1 3/8"	42"	36"	PMX-22-42	403.00	7.6
1 3/8"	54"	48"	PMX-22-54	650.00	9.2
1 3/8"	66"	60"	PMX-22-66	664.00	11.1
1 1/2"	14"	8"	PMX-24-14	129.00	2.9
1 1/2"	22"	16"	PMX-24-22	182.00	4.8
1 1/2"	42"	36"	PMX-24-42	433.00	8.9
1 1/2"	54"	48"	PMX-24-54	688.00	10.8
1 1/2"	66"	60"	PMX-24-66	702.00	13.1

* Bulk quantities not available from immediate stock... may be special-ordered.

To order bulk, use prefix "B" before part number. Example: **BMX-8-14**

HAMMER BITS – SPLINE SHANK



SINGLE CUTTER

POINT DIA.	OVERALL LENGTH	DRILLING DEPTH	PART NO.	LIST PRICE	WT. (lbs)	BULK	
						QTY	WT. (lbs)
3/8"	10"	4"	202-6-10	\$ 45.00	0.8		8
3/8"	14"	8"	202-6-14	46.00	0.8		8
3/8"	18"	12"	202-6-18	52.00	0.9		9
7/16"	14"	8"	202-7-14	46.00	0.8		8
1/2"	14"	8"	202-8-14	46.00	1.0		10
1/2"	18"	12"	202-8-18	52.00	1.1		11
1/2"	22"	16"	202-8-22	65.00	1.2		12
1/2"	28"	22"	202-8-28*	79.00	1.4		-
1/2"	42"	36"	202-8-42*	142.00	1.9		-
1/2"	54"	48"	202-8-54*	257.00	2.2		-
1/2"	66"	60"	202-8-66*	278.00	2.7		-
9/16"	14"	8"	202-9-14*	51.00	1.0		-
9/16"	18"	12"	202-9-18*	57.00	1.1		-
9/16"	22"	16"	202-9-22*	69.00	1.3	10	-
9/16"	28"	22"	202-9-28*	84.00	1.5		-
5/8"	14"	8"	202-10-14	51.00	1.1	P	11
5/8"	18"	12"	202-10-18	58.00	1.3	E	13
5/8"	22"	16"	202-10-22	74.00	1.4	R	1.4
5/8"	28"	22"	202-10-28*	88.00	1.6		-
11/16"	14"	8"	202-11-14	53.00	1.1	S	11
11/16"	22"	16"	202-11-22	76.00	1.6	I	16
3/4"	14"	8"	202-12-14	55.00	1.2	Z	12
3/4"	18"	12"	202-12-18	66.00	1.5	E	15
3/4"	22"	16"	202-12-22	76.00	1.8		18
3/4"	28"	22"	202-12-28*	105.00	2.0		-
13/16"	14"	8"	202-13-14*	84.00	1.3		-
13/16"	22"	16"	202-13-22*	99.00	1.9		-
27/32"	14"	8"	202-13A-14*	84.00	1.3		-
27/32"	22"	16"	202-13A-22*	99.00	1.9		-
7/8"	14"	8"	202-14-14	57.00	1.4		14
7/8"	18"	12"	202-14-18	71.00	1.8		18
7/8"	22"	16"	202-14-22	82.00	2.1		21
7/8"	28"	22"	202-14-28*	104.00	2.6		-
1"	14"	8"	202-16-14	63.00	1.7		17
1"	18"	12"	202-16-18	76.00	2.2		22
1"	22"	16"	202-16-22	95.00	2.6		26
1"	28"	22"	202-16-28*	107.00	3.1		-
1 1/8"	14"	8"	202-18-14*	79.00	1.9		-
1 1/8"	22"	16"	202-18-22*	97.00	3.1		-
1 1/8"	28"	22"	202-18-28*	137.00	3.9		-
1 1/4"	14"	8"	202-20-14*	92.00	2.3		-
1 1/4"	22"	16"	202-20-22*	113.00	3.6		-
1 1/4"	28"	22"	202-20-28*	158.00	4.3		-
1 3/8"	22"	16"	202-22-22*	132.00	4.1		-
1 1/2"	14"	8"	202-24-14*	109.00	2.9		-
1 1/2"	22"	16"	202-24-22*	154.00	4.8		-
1 1/2"	28"	22"	202-24-28*	237.00	6.2		-



MULTIPLE CUTTER

PYRAMID POINT®



















- Patented, new technology tip
- 5 Premium-grade carbide inserts
- Faster smoother drilling and longer lasting
- Precise hole location, easy start center point
- Heat-treated, shot-peened, superior steel
- Ultra efficient dust removal flute design
- Available in longer lengths; call factory for a quote
- 42", 54", & 66" bits have 31" flute length and undercut body

POINT DIA.	OVERALL LENGTH	DRILLING DEPTH	PART NO.	LIST PRICE	WT. (lbs)
5/8"	14"	8"	P202-10-14	\$ 58.00	1.1
5/8"	18"	12"	P202-10-18	67.00	1.3
5/8"	22"	16"	P202-10-22	84.00	1.4
5/8"	42"	36"	P202-10-42	170.00	2.3
5/8"	54"	48"	P202-10-54	347.00	2.8
5/8"	66"	60"	P202-10-66	362.00	3.4
3/4"	14"	8"	P202-12-14	63.00	1.2
3/4"	18"	12"	P202-12-18	75.00	1.5
3/4"	22"	16"	P202-12-22	88.00	1.8
3/4"	42"	36"	P202-12-42	181.00	2.9
3/4"	54"	48"	P202-12-54	361.00	3.5
3/4"	66"	60"	P202-12-66	375.00	4.5
7/8"	14"	8"	P202-14-14	66.00	1.4
7/8"	18"	12"	P202-14-18	81.00	1.8
7/8"	22"	16"	P202-14-22	95.00	2.1
7/8"	42"	36"	P202-14-42	205.00	3.7
7/8"	54"	48"	P202-14-54	392.00	4.6
7/8"	66"	60"	P202-14-66	407.00	5.6
1"	14"	8"	P202-16-14	73.00	1.7
1"	18"	12"	P202-16-18	88.00	2.2
1"	22"	16"	P202-16-22	109.00	2.6
1"	42"	36"	P202-16-42	242.00	4.6
1"	54"	48"	P202-16-54	441.00	5.8
1"	66"	60"	P202-16-66	456.00	6.7
1 1/8"	14"	8"	P202-18-14	91.00	1.9
1 1/8"	22"	16"	P202-18-22	112.00	3.1
1 1/8"	42"	36"	P202-18-42	314.00	5.4
1 1/8"	54"	48"	P202-18-54	537.00	6.6
1 1/8"	66"	60"	P202-18-66	550.00	8.0
1 1/4"	14"	8"	P202-20-14	105.00	2.3
1 1/4"	22"	16"	P202-20-22	130.00	3.6
1 1/4"	42"	36"	P202-20-42	326.00	6.4
1 1/4"	54"	48"	P202-20-54	552.00	8.1
1 1/4"	66"	60"	P202-20-66	565.00	9.8
1 3/8"	22"	16"	P202-22-22	152.00	4.1
1 3/8"	42"	36"	P202-22-42	393.00	7.6
1 3/8"	54"	48"	P202-22-54	640.00	9.2
1 3/8"	66"	60"	P202-22-66	654.00	11.1
1 1/2"	14"	8"	P202-24-14	124.00	2.9
1 1/2"	22"	16"	P202-24-22	177.00	4.8
1 1/2"	42"	36"	P202-24-42	423.00	8.9
1 1/2"	54"	48"	P202-24-54	678.00	10.8
1 1/2"	66"	60"	P202-24-66	692.00	13.1

* Bulk quantities not available from immediate stock... may be special-ordered.
To order bulk, use prefix "B" before part number. Example: **B202-8-14**

'A' AND 'B' TAPER HAMMER BITS & ADAPTORS

ADAPTORS

	PART NO.	LIST PRICE	WT. (lbs)
SDS+ 			
AEG ® PH210, PHE 16RL, 19RL, 26 PHE 24; B & D ® 5013-16, 5043-57; BOSCH ® 11207, 10-13, 11215, 11221-22, 24, 25, 28; DEWALT DW514, 556, 557; HILTI ® 1, 5, 10, 12, 14, 15, 17, 18, 22, 24; HITACHI ® VA16, DH15-18-22-24-25; KANGO ® 200, 285, 327, 422, 426, 439D; MAKITA ® HR 1821, 2511; METABO ® 6010, 11, 15, 18 / 6020, 21, 24, 26, 28; MILWAUKEE ® 5362-69, 5303, 5320, 5324; PHILLIPS ® 555, 715; PORTER CABLE ® 639; RAMSET ® 425; RYOBI ® ED-211; SKIL ® 1740	207A 207B	\$ 34.00 40.00	0.5 0.6
SPLINE 			
AEG ® PH350, 240, 38 & PHD 26, 38; B & D ® 5041-45, 5059, 5093 / 95 / 96 / 98; BOSCH ® 11202, 03, 05, 09, 14, 19, 20; DEWALT DW530, 533; HITACHI ® DH25, DH38, DH50; KANGO ® 950S, 637S, 501S, 430S, 728S, 750S; MAKITA ® HR 3851; METABO ® RH-32, 33 RH-66, RH-99, 1129, 6030; MILWAUKEE ® 5311-12, 16-17 / 5334 / 5341-44, 47-48; MILWAUKEE ® 5352, 53; PHILLIPS ® 747-2; RAMSET ® 442, 445, 475; RYOBI ® ED 382P, ER382; WACKER ® 11/110	202A 202B	\$ 38.00 45.00	1.2 1.2
SDS MAX 			
B & D ® 5097, 5099; DEWALT 545; HILTI ® TE 52, 54, 55, 60, 72, 74, 75, 92, 94; BOSCH ® 11216, 11214, 11223, 11227, 11230, 11231, 11309, 11, 12 (Percussion only); MILWAUKEE ® 5308, 5313	MX-A MX-B	\$ 48.00 53.00	0.9 1.2
1/2" X 1 HEX 			
SKIL ® 717, 1750	SK17A	\$ 54.00	0.7
7/16" X 1 3/16 HEX 			
AEG ® BH 25	25A	\$ 52.00	0.9
9/16" X 1 1/4 HEX 			
BOSCH ® 11201; METABO ® RH90; PHILLIPS ® 747, 700	201A 201B	\$ 49.00 55.00	0.8 0.9
3/8" X 1 1/4 HEX 			
B & D ® 5040-09; RAMSET ® 620; ROCKWELL ® 600, 601, 1600; SKIL ® 706-07-08, 1706	706A	\$ 49.00	0.7
7/16" X 1 3/8 HEX 			
MILWAUKEE ® 5300-05-10-15; SKIL ® 726	726A 726B	\$ 49.00 56.00	0.8 0.9
3/4" X 3 1/4 HEX 			
SKIL ® 736	736B	\$ 81.00	1.9
HILTI HEX 			
HILTI TORNA ® 765	H65B	\$ 81.00	1.0
9/16" X 2 3/8 HEX 			
B & D ® 5048; MILLER FALLS ® SP499K; MILWAUKEE ® 5325-26; PORTER CABLE ® 1602; ROCKWELL ® 602; SKIL ® 628, 728, 731, 732, 1760	728A 728B	\$ 49.00 56.00	1.1 0.9
7/16" X 1 15/16 HEX 			
B & D ® 717, 5045-50	717A	\$ 49.00	0.9
KANGO HEX 			
KANGO ® 950	950B	\$ 56.00	1.4
TRIPLE T 			
RAMSET ® 640, 340, 342, 345, 375	64A 64B	\$ 49.00 55.00	1.1 1.1
3/4" X 3 1/2 HEX 			
WACKER ® EHB 10/110	110B	\$ 61.00	1.6
PNEUMATIC 			
CHICAGO PNEUMATIC ® CP9R	CP-9A CP-9B	\$ 54.00 58.00	1.1 1.1

'A' TAPER HAMMER BITS

POINT DIA.	OVERALL LENGTH	DRILLING DEPTH	PART NO.	LIST PRICE	WT. (lbs)
3/16"	4 1/4"	1 3/4"	A-3-4	\$11.00	0.1
3/16"	6 1/2"	4"	A-3-6	12.00	0.1
1/4"	4 3/4"	2"	A-4-4	12.00	0.1
1/4"	6 1/2"	4"	A-4-6	13.00	0.1
1/4"	8 3/4"	6"	A-4-8	16.00	0.2
1/4"	12 3/4"	10"	A-4-12	27.00	0.3
5/16"	5 1/4"	2 3/4"	A-5-5	15.00	0.1
5/16"	6 3/4"	4"	A-5-6	16.00	0.2
3/8"	6"	3 1/2"	A-6-6	14.00	0.3
3/8"	8 3/4"	6"	A-6-8	17.00	0.3
3/8"	11 3/4"	9"	A-6-11	19.00	0.4
3/8"	14 3/4"	12"	A-6-14	26.00	0.4
3/8"	20"	18"	A-6-20	33.00	0.6
7/16"	8 1/2"	6"	A-7-8	27.00	0.3
1/2"	6"	3 1/2"	A-8-6	18.00	0.3
1/2"	9"	6 1/2"	A-8-9	21.00	0.3
1/2"	11 1/4"	9"	A-8-11	25.00	0.4
1/2"	14 1/2"	12"	A-8-14	32.00	0.6
9/16"	9"	6 1/2"	A-9-9	26.00	0.4
5/8"	9"	6 1/2"	A-10-9	29.00	0.5
5/8"	12"	9"	A-10-12	34.00	0.6
5/8"	15"	12"	A-10-15	39.00	0.8
11/16"	9"	6 1/2"	A-11-9	34.00	0.6
3/4"	9"	6 1/2"	A-12-9	36.00	0.6
3/4"	15"	12"	A-12-15	54.00	1.0
27/32"	9"	6 1/2"	A-13A-9	62.00	0.8
7/8"	9"	6 1/2"	A-14-9	63.00	0.9
7/8"	19"	16"	A-14-19	87.00	1.7

Bulk: call factory for availability.

'B' TAPER HAMMER BITS

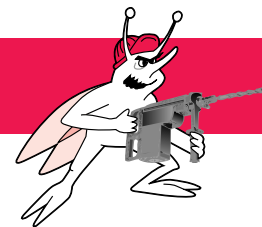
POINT DIA.	OVERALL LENGTH	DRILLING DEPTH	PART NO.	LIST PRICE	WT. (lbs)
1/2"	9"	6"	B-8-9	\$ 37.00	0.4
1/2"	19"	16"	B-8-19	39.00	0.8
9/16"	9"	6"	B-9-9	41.00	0.4
9/16"	19"	16"	B-9-19	50.00	0.9
5/8"	9"	6"	B-10-9	41.00	0.6
5/8"	19"	16"	B-10-19	66.00	1.0
11/16"	9"	6"	B-11-9	61.00	0.6
3/4"	9"	6"	B-12-9	50.00	0.7
3/4"	19"	16"	B-12-19	74.00	1.4
7/8"	9"	6"	B-14-9	76.00	0.9
1"	9"	6"	B-16-9	89.00	1.1
1"	19"	16"	B-16-19	101.00	2.1



Drift Key

PART NO.	TO FIT	LIST PRICE	WT. (lbs)
DK-1	Both A and B Taper Adaptors	\$ 4.00	0.1

FORGED HAMMER TOOLS



SCALING CHISELS

Use for:
 • removing scale, rust and concrete spatter



Fits These Hammers	Description	Part No.	List Price	Wt. (lbs)
SPLINE	12" OAL X 2"	SC-12S	\$38.00	1.6
	18" OAL X 2"	SC-18S	42.00	2.4
SDS-max	12" OAL X 2"	SC-12MX	41.00	1.6
	12" OAL x 3"	SC-312MX	52.00	2.5
SDS+	18" OAL X 2"	SC-18MX	46.00	2.4
	10" OAL X 1 1/2"	SC-12DS	38.00	.8
3/4" Hex	12" OAL X 2"	SC-12HX	37.00	1.6
	12" OAL X 3"	SC-312HX	40.00	2.5

COLD CHISELS

Use for:
 • edging, chipping and channeling concrete, masonry or brick



Fits These Hammers	Description	Part No.	List Price	Wt. (lbs)
SPLINE	12" OAL X 1"	CC-12S	\$21.00	1.4
	18" OAL X 1"	CC-18S	29.00	2.3
SDS-max	12" OAL X 1"	CC-12MX	27.00	1.4
	18" OAL X 1"	CC-18MX	32.00	2.3
SDS+	10" OAL X 3/4"	CC-12DS	28.00	.8
3/4" Hex	12" OAL X 1"	CC-12HX	20.00	1.4
	18" OAL X 1"	CC-18HX	26.00	2.3

BULL POINTS or MOIL POINTS

Use for:
 • breaking up concrete, brick, asphalt, etc.
 • light demolition applications
 • starting holes in concrete slabs



Fits These Hammers	Description	Part No.	List Price	Wt. (lbs)
SPLINE	12" OAL	BP-12S	\$21.00	1.4
	18" OAL	BP-18S	29.00	2.3
SDS-max	12" OAL	BP-12MX	25.00	1.4
	18" OAL	BP-18MX	30.00	2.3
SDS+	10" OAL	BP-12DS	28.00	.8
3/4" Hex	12" OAL	BP-12HX	20.00	1.4
	18" OAL	BP-18HX	26.00	2.3

BUSHING TOOLS

Use for:
 • roughing concrete surface prior to applying a surface finish
 • concrete surface removal to produce a rough exterior finish



Fits These Hammers	Description	Part No.	List Price	Wt. (lbs)
SPLINE	1 pc Bushing Tool	BT-16S	\$100.00	2.6
SDS-max	1 pc Bushing Tool	BT-16MX	104.00	2.6
3/4" Hex	1 pc Bushing Tool	BT-16HX	100.00	2.6
	16 Pt. Bushing Head	BH-16	42.00	1.1
SPLINE	Bushing Head Shk	BS-8S	23.00	1.0
SDS-max	Bushing Head Shk	BS-8MX	27.00	1.0
3/4" Hex	Bush Shank	BS-8HX	23.00	1.0

SLOTING CHISELS

Use for:
 • slotting in concrete and masonry
 • breaking web between predrilled holes in concrete to make large opening



Fits These Hammers	Description	Part No.	List Price	Wt. (lbs)
SPLINE	12" OAL X 1 1/8"	CR-12S	\$42.00	1.3
SDS-max	12" OAL X 1 1/8"	CR-12MX	47.00	1.3

CARBIDE BUSHING TOOLS

SPLINE	1 pc Bushing Tool	BT-25CS*	\$300.00	3.0
SDS-max	1 pc Bushing Tool	BT-25CMX*	305.00	3.0
3/4" Hex	1 pc Bushing Tool	BT-25CHX*	300.00	3.0

* Carbide Bushing Tools have 25 carbide points



MORTAR CHISELS

Use for:
 • cleaning out old mortar between bricks and masonry prior to tuck pointing or caulking
 • cutting narrow channels



Fits These Hammers	Description	Part No.	List Price	Wt. (lbs)
SPLINE	15" OAL X 1 1/8"	MC-15S	\$40.00	1.6
SDS-max	15" OAL X 1 1/8"	MC-15MX	46.00	1.6

CLAY SPADE

Use for:
 • Digging clay, dirt, hard-packed gravel, shale, etc.



Fits These Hammers	Description	Part No.	List Price	Wt. (lbs)
3/4" Hex	4 1/2" X 6" X 17"	CS-HX	\$102.00	4.2
SDS-max	4 1/4" X 5 1/4" X 15 1/2"	CS-MX	\$126.00	4.2

ASPHALT CUTTER

Use for:
 • cutting asphalt or hard ground – not for concrete



Fits These Hammers	Description	Part No.	List Price	Wt. (lbs)
3/4" Hex	3 1/2" X 4 1/2" X 17"	AC-HX	\$137.00	4.3
SDS-max	4" X 4 1/2" X 15 1/2"	AC-MX	\$152.00	4.3

GROUND ROD DRIVERS

Use for:
 • driving electrical grounding rods into earth



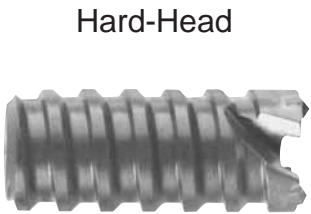
Fits These Hammers	Description	Part No.	List Price	Wt. (lbs)
SPLINE	for 5/8" - 3/4" rebar	DR-S	\$104.00	1.1
SDS-max	for 5/8" - 3/4" rebar	DR-MX	108.00	1.1
3/4" Hex	for 5/8" - 3/4" rebar	DR-HX	104.00	1.1

SOLID-BODY "HARD-HEAD" BITS

Relton's "Hard-Head" bits are designed to bore large holes through concrete without the need to break out the core every few inches.

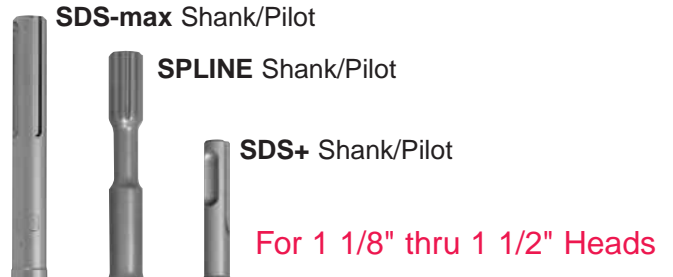


Slide taper end of shank into the "Hard-Head" bit. A slight twisting motion will help keep the bit from falling off before beginning the cut. The pilot is integrated on the shank, so drilling can be accomplished without interruption! (Once used, shank and head become one-piece.)

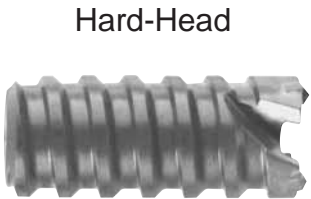


Head-only
1 1/8" thru 1 1/2"

DIAMETER	PART NO.	LIST PRICE	WEIGHT (lbs)
1 1/8"	SB-18	\$137.00	0.7
1 1/4"	SB-20	142.00	0.8
1 1/2"	SB-24	147.00	1.3

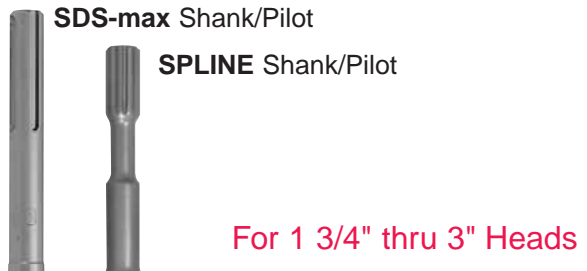


DRILLING DEPTH	FITS THESE HAMMERS	PART NO.	LIST PRICE	WEIGHT (lbs)
10"	SPLINE	S02-10S	\$ 48.00	1.8
	SDS-max	SMX-10S	58.00	1.7
	SDS+	S07-10S	48.00	0.9
18"	SPLINE	S02-18S	58.00	3.1
	SDS-max	SMX-18S	69.00	2.7
	SDS+	S07-18S	58.00	1.5
24"	SPLINE	S02-24S	69.00	3.9
	SDS-max	SMX-24S	79.00	3.6
	SDS+	S07-24S	69.00	1.9



Head-only
1 3/4" thru 3"

DIAMETER	PART NO.	LIST PRICE	WEIGHT (lbs)
1 3/4"	SB-28	\$ 163.00	1.4
2"	SB-32	174.00	1.9
2 1/2"	SB-40	200.00	3.4
3"	SB-48	226.00	5.4



DRILLING DEPTH	FITS THESE HAMMERS	PART NO.	LIST PRICE	WEIGHT (lbs)
10"	SPLINE	S02-10	\$ 53.00	2.4
	SDS-max	SMX-10	63.00	2.4
18"	SPLINE	S02-18	63.00	3.8
	SDS-max	SMX-18	74.00	3.8
24"	SPLINE	S02-24	74.00	4.8
	SDS-max	SMX-24	84.00	4.8

IMPORTANT INFORMATION

Once Relton's "Hard-Head" bits have been used, the tapered shank cannot be removed by conventional means. For shank removal, return to Relton Corporation.

HAMMER CORE BITS



CORE BODIES & STARTER POINTS



STARTER POINTS ARE NOW INCLUDED!

DIAMETER	PART NO.	LIST PRICE	WEIGHT (lbs)
1 3/4"	CBT-28	\$ 191.00	2.1
2"	CBT-32	201.00	2.7
2 1/2"	CBT-40	258.00	4.0
2 3/4"	CBT-44	280.00	4.5
3"	CBT-48	292.00	5.4
3 1/2"	CBT-56	371.00	7.0
4"	CBT-64	475.00	8.6
4 1/2"	CBT-72	543.00	10.1
5"	CBT-80	565.00	12.7

SHANKS



SDS-max SHANK

DRILLING DEPTH	PART NO.	LIST PRICE	WEIGHT (lbs)
10"	SMXTL-10	\$ 67.00	1.8
18"	SMXTL-18	82.00	3.2
24"	SMXTL-24	96.00	4.3



SPLINE SHANK

DRILLING DEPTH	PART NO.	LIST PRICE	WEIGHT (lbs)
10"	S02TL-10	\$ 55.00	1.8
18"	S02TL-18	71.00	3.2
24"	S02TL-24	84.00	4.3

REPLACEMENT PARTS



CORE BODIES ONLY

DIAMETER	PART NO.	LIST PRICE	WEIGHT (lbs)
1 3/4"	CBT-28HO	\$ 158.00	1.8
2"	CBT-32HO	168.00	2.4
2 1/2"	CBT-40HO	225.00	3.7
2 3/4"	CBT-44HO	247.00	4.4
3"	CBT-48HO	259.00	4.9
3 1/2"	CBT-56HO	338.00	6.3
4"	CBT-64HO	438.00	7.8
4 1/2"	CBT-72HO	506.00	9.3
5"	CBT-80HO	528.00	11.2



STARTER POINTS

DIAMETER	PART NO.	LIST PRICE	WEIGHT (lbs)
1 3/4"	CBSP-28	\$ 33.00	0.4
2"	CBSP-32	33.00	0.6
2 1/2"	CBSP-40	33.00	0.6
2 3/4"	CBSP-44	33.00	0.8
3"	CBSP-48	33.00	0.9
3 1/2"	CBSP-56	33.00	0.9
4"	CBSP-64	37.00	0.9
4 1/2"	CBSP-72	37.00	1.1
5"	CBSP-80	37.00	1.1

3 Components...

(Once the hammer core bit has been used, the shank and core bit become a one piece system)

1. TAPER FIT SHANK



SPLINE or SDS-max Shank
(other shank styles & lengths
available on request)

2. HEAVY-DUTY CORE BIT



6" Body Length
4-1/2" Core Depth
Carbide teeth can be replaced or sharpened.

3. STARTER POINT



Heat-Treated, Spring-Loaded

• No stress points

• Tapered Shank • No knock-out hole for pilot

Extra thick core body wall • Extra length core body • Core Bits made from solid steel

STRAIGHT-SHANK MASONRY DRILL BITS

DIAMETER		OVERALL LENGTH	DRILLING DEPTH	PART NO.	LIST PRICE	Wt. (lbs)	BULK QTY	BULK WT. (LBS)
POINT	SHANK							
11/64"	11/64"	3"	1 7/8"	RT-1-3	\$ 6.00	0.1		2.5
1/8"	1/8"	3"	1 7/8"	RT-2-3	3.50	0.1		2.5
3/16"	3/16"	3"	1 7/8"	RT-3-3	4.00	0.1		2.5
3/16"	3/16"	4"	2 3/8"	RT-3-4	4.50	0.1		2.5
3/16"	3/16"	6"	4 1/2"	RT-3-6	6.00	0.1		2.5
3/16"	3/16"	8"	6"	RT-3-8	8.00	0.1		2.5
7/32"	1/4"	8 1/2"	6 1/2"	RT-2-8	7.00	0.1		2.5
1/4"	1/4"	4"	2 1/4"	RT-4-4	5.00	0.1		2.5
1/4"	1/4"	6"	3 3/4"	RT-4-6	6.00	0.1		2.5
1/4"	1/4"	8"	6"	RT-4-8	10.00	0.1		2.5
1/4"	1/4"	12"	10"	RT-4-12*	13.00	0.2		-
1/4"	1/4"	18"	16"	RT-4-18*	19.00	0.3		-
1/4"	1/4"	24"	22"	RT-4-24*	25.00	0.4		-
5/16"	1/4"	4"	2 1/2"	RT-5-4	7.00	0.1		2.5
5/16"	1/4"	6"	4"	RT-5-6	7.50	0.1		2.5
5/16"	1/4"	12"	10"	RT-5-12*	15.00	0.3	25	-
5/16"	1/4"	18"	16"	RT-5-18*	19.00	0.4		-
3/8"	3/8"	4"	2 1/2"	RT-6-4	7.00	0.2	P	5
3/8"	1/4"	4"	2 1/2"	RT-6-4A*	7.00	0.1	E	-
3/8"	3/8"	6"	4"	RT-6-6	8.00	0.2	R	5
3/8"	1/4"	6"	4"	RT-6-6A	8.00	0.2	S	5
3/8"	3/8"	12"	10"	RT-6-12*	17.00	0.4	I	-
3/8"	3/8"	18"	16"	RT-6-18*	20.00	0.5	Z	-
3/8"	3/8"	24"	22"	RT-6-24*	28.00	0.7	E	-
7/16"	1/4"	4"	2 1/2"	RT-7-4	9.00	0.2		5
7/16"	1/4"	6"	4"	RT-7-6	9.50	0.3		7.5
1/2"	3/8"	4"	2 1/2"	RT-8-4	9.00	0.2		5
1/2"	3/8"	6"	4"	RT-8-6	9.50	0.3		7.5
1/2"	1/4"	6"	4"	RT-8-6A	9.50	0.3		7.5
1/2"	3/8"	14"	12"	RT-8-14*	21.00	0.6		-
1/2"	3/8"	18"	16"	RT-8-18*	26.00	0.7		-
1/2"	3/8"	24"	22"	RT-8-24*	32.00	0.9		-
9/16"	3/8"	6"	4"	RT-9-6	12.00	0.3		7.5
5/8"	1/2"	6"	4"	RT-10-6	14.00	0.4		10
5/8"	1/2"	14"	12"	RT-10-14*	23.00	0.8		-
5/8"	1/2"	18"	16"	RT-10-18*	31.00	1.1		-
5/8"	1/2"	24"	22"	RT-10-24*	35.00	1.3		-
11/16"	1/2"	6"	4"	RT-11-6	16.00	0.4		10
3/4"	1/2"	6"	4"	RT-12-6	18.00	0.5		12.5
3/4"	1/2"	14"	12"	RT-12-14*	30.00	1.0		
3/4"	1/2"	18"	16"	RT-12-18*	34.00	1.5		
3/4"	1/2"	24"	22"	RT-12-24*	38.00	1.8		
7/8"	1/2"	6"	4"	RT-14-6*	23.00	0.6		
7/8"	1/2"	14"	12"	RT-14-14*	34.00	1.3		
1"	1/2"	6"	4"	RT-16-6*	28.00	0.8		
1"	1/2"	18"	16"	RT-16-18*	51.00	2.4		
1"	1/2"	24"	22"	RT-16-24*	58.00	3.1		



ROTARY/PERCUSSION

RAM TIP™

PROFESSIONAL MASONRY BITS

Relton's **premium** straight- shank masonry bit is designed for use in lightweight, rotating-vibrating hammers, but it can be used equally well in standard drill motors as a rotary bit.

A special hard, tough carbide cutter is precisely located for maximum support and strength.

Shank diameters 3/8" and larger have 3 flats on the shank to reduce the possibility of slipping in the chuck.

All RT bits are available in GRT Style, See page 13 for additional information.

RAM-TIP STRAIGHT SHANK 5-PIECE BIT KIT



Refillable Case
Contains: 3/16" x 6"
1/4" x 6"
5/16" x 6"
3/8" x 6"
1/2" x 6"

RAM-TIP™

PART NO.	LIST PRICE	WT. (lbs)
RT-K5	\$ 39.00	0.7



*Bulk quantities not available from immediate stock... may be special-ordered.
To order bulk, use prefix "B" before part number. Example: **BRT-8-6**

STRAIGHT-SHANK MASONRY DRILL BITS



Groo-V[®] Tip
multi-purpose bit

tile • hard metal • plastic • wood • marble • granite • masonry

Percussion or rotary-only, the Groo-V[®] Tip bit makes holes in almost *all* materials! Engineered for drilling hard materials, these specialized Ram Tip Bits have a *serrated* carbide tip, which penetrates faster - up to *50% faster* than standard masonry bits! (A drill-press-supported drill motor is recommended for drilling hard metal.)

DIAMETER		OVERALL LENGTH	DRILLING DEPTH	PART NO.	LIST PRICE	WEIGHT (lbs)	BULK QTY	WT. (lbs)
POINT	SHANK							
3/16"	3/16"	3"	1 7/8"	GRT-3-3	\$ 7.00	0.1	25 PER SIZE	2.5
3/16"	3/16"	4"	2 3/8"	GRT-3-4	8.00	0.1		2.5
3/16"	3/16"	6"	5 3/8"	GRT-3-6	8.50	0.1		2.5
3/16"	3/16"	8"	6"	GRT-3-8	10.00	0.1		2.5
1/4"	1/4"	4"	2 1/4"	GRT-4-4	8.00	0.1		2.5
1/4"	1/4"	6"	3 3/4"	GRT-4-6	9.00	0.1		2.5
1/4"	1/4"	8"	6"	GRT-4-8	13.00	0.1		2.5
5/16"	1/4"	4"	2 1/2"	GRT-5-4*	11.00	0.1		
5/16"	1/4"	6"	4"	GRT-5-6*	12.00	0.2		
3/8"	3/8"	4"	2 1/2"	GRT-6-4*	12.00	0.1		
3/8"	3/8"	6"	4"	GRT-6-6*	13.00	0.2		
7/16"	1/4"	4"	2"	GRT-7-4*	15.00	0.1		
7/16"	1/4"	6"	4"	GRT-7-6*	17.00	0.3		
1/2"	3/8"	6"	4"	GRT-8-6*	15.00	0.3		
9/16"	1/2"	6"	4"	GRT-9-6*	23.00	0.4		
5/8"	1/2"	6"	4"	GRT-10-6*	21.00	0.4		
11/16"	1/2"	6"	4"	GRT-11-6*	27.00	0.4		
3/4"	1/2"	6"	4"	GRT-12-6*	29.00	0.5		
7/8"	1/2"	6"	4"	GRT-14-6*	38.00	0.6		
1"	1/2"	6"	4"	GRT-16-6*	46.00	0.8		

Groo-V[®] Tip MULTI-PURPOSE 5-PIECE BIT KIT



Refillable Case
Contains: 3/16" x 6"
1/4" x 6"
5/16" x 6"
3/8" x 6"
1/2" x 6"

Groo-V[®] Tip

PART NO.	LIST PRICE	WT. (lbs)
GRT-K5	\$ 61.00	0.7

GRT bits are available IN ALL RT SIZES (Pg. 12) usually ready to ship in 24 hours!

* Bulk quantities not immediately available... may be special ordered.
To order bulk, use prefix "B" before part number. Example: **BGRT-3-6**

SCREW-TYPE ANCHOR BITS



TC bits meet or exceed all specifications established by manufacturers of screw-type masonry anchors.

Recommended for use with Tapcon[®] anchors or other screw-type anchors requiring 5/32" or 3/16" tip diameters.

To order bulk, use prefix "B" before part number
Example: **BTC-3-5**

FOR THESE ANCHORS	USE THESE SIZE RELTON SCREW-TYPE MASONRY BIT	PART NO.	LIST PRICE	ALL RELTON TC BITS ARE PACKED 10 PER TUBE	Wt. (lbs)	
					TUBE	BULK
3/16" X 1 1/4"	5/32" DIA X 3-1/2" LGTH	TC-5-3	\$4.00	ALL RELTON TC BITS ARE PACKED 10 PER TUBE	0.3	3
3/16" X 1 3/4"					0.3	3
3/16" X 2 1/4"					0.3	3
3/16" X 2 3/4"					0.3	3
3/16" X 3 1/4"	5/32" DIA X 5-1/2" LGTH	TC-5-5	5.00	ALL RELTON TC BITS ARE PACKED 10 PER TUBE	0.3	3
3/16" X 3 3/4"					0.3	3
3/16" X 4"					0.3	3
1/4" X 1 1/4"	3/16" DIA X 3-1/2" LGTH	TC-3-3	4.00	BULK QTY 100 PER SIZE	0.3	3
1/4" X 1 3/4"					0.3	3
1/4" X 2 1/4"					0.3	3
1/4" X 2 3/4"					0.3	3
1/4" X 3 1/4"	3/16" DIA X 5-1/2" LGTH	TC-3-5	5.00	BULK QTY 100 PER SIZE	0.3	3
1/4" X 3 3/4"					0.3	3
1/4" X 4"					0.3	3

STRAIGHT-SHANK MASONRY DRILL BITS



ROTARY/PERCUSSION R4X™ MASONRY BITS

The special cold-forged process used to produce R4X™ Bits produces a drill of exceptional strength at a reduced cost.

DIAMETER		OVERALL LENGTH	DRILLING DEPTH	PART NO.	LIST. PRICE	WT. (lbs)	BULK	
POINT	SHANK						QTY	WT. (lbs)
1/8"	1/8"	3"	1 3/4"	RX-2-3	\$ 2.60	0.1	25	2.5
3/16"	3/16"	4"	2 1/2"	RX-3-4	2.80	0.1		2.5
1/4"	1/4"	4"	2 1/2"	RX-4-4	3.00	0.1		2.5
1/4"	1/4"	6"	4"	RX-4-6	4.00	0.1		2.5
1/4"	1/4"	12"	10"	RX-4-12*	10.00	0.2		-
5/16"	1/4"	4"	2 1/2"	RX-5-4	4.00	0.1		2.5
5/16"	1/4"	6"	4"	RX-5-6	4.50	0.1		2.5
5/16"	1/4"	12"	10"	RX-5-12*	11.00	0.2		-
3/8"	1/4"	4"	2 1/2"	RX-6-4	4.00	0.1		2.5
3/8"	1/4"	6"	4"	RX-6-6	5.00	0.1		2.5
3/8"	3/8"	12"	10"	RX-6-12*	13.00	0.3		-
7/16"	1/4"	4"	2 1/2"	RX-7-4*	6.00	0.2		-
7/16"	1/4"	6"	4"	RX-7-6*	7.00	0.2		-
1/2"	1/4"	4"	2 1/2"	RX-8-4	6.00	0.2		5
1/2"	1/4"	6"	4"	RX-8-6A	6.50	0.3		7.5
1/2"	3/8"	6"	4"	RX-8-6	6.50	0.3		7.5
1/2"	3/8"	12"	10"	RX-8-12*	14.00	0.4		-
9/16"	3/8"	6"	4"	RX-9-6*	9.50	0.3		-
5/8"	1/2"	6"	4"	RX-10-6*	10.00	0.3		-
5/8"	1/2"	12"	10"	RX-10-12*	17.00	0.6		-
11/16"	1/2"	6"	4"	RX-11-6*	13.50	0.4		-
3/4"	1/2"	6"	4"	RX-12-6*	14.00	0.4		-
3/4"	1/2"	12"	10"	RX-12-12*	23.00	0.9		-
7/8"	1/2"	6"	4"	RX-14-6*	15.00	0.6		-
7/8"	1/2"	12"	10"	RX-14-12*	25.00	1.1		-
1"	1/2"	6"	4"	RX-16-6*	22.00	0.7	-	
1"	1/2"	12"	10"	RX-16-12*	35.00	1.4	-	

*Bulk quantities not available from immediate stock... may be special-ordered.
To order bulk, use prefix "B" before part number. Example: **BRX-8-6**



ROTARY-ONLY TIP-TOP™ FAST SPIRAL MASONRY BITS

For the professional or the home-user, TIP-TOP™ bits are recommended for drilling in all types of masonry.

The fast spiral and the special carbide cutter assure fast penetration with minimal pressure.

DIAMETER		OVERALL LENGTH	DRILLING DEPTH	PART NO.	LIST PRICE	Wt. (lbs)
POINT	SHANK					
1/8"	1/8"	3"	1 3/4"	TT-2-3	\$ 3.00	0.1
3/16"	3/16"	4"	2 1/2"	TT-3-4	3.50	0.1
1/4"	1/4"	4"	2 1/2"	TT-4-4	4.00	0.1
1/4"	1/4"	6"	4"	TT-4-6	5.00	0.1
1/4"	1/4"	12"	10"	TT-4-12	12.00	0.3
1/4"	1/4"	18"	16"	TT-4-18	21.00	0.3
5/16"	1/4"	4"	2 1/2"	TT-5-4	6.00	0.1
5/16"	1/4"	6"	4"	TT-5-6	7.00	0.1
5/16"	5/16"	18"	16"	TT-5-18	24.00	0.4
3/8"	1/4"	4"	2 1/2"	TT-6-4	7.00	0.1
3/8"	1/4"	6"	4"	TT-6-6	8.00	0.1
3/8"	3/8"	18"	16"	TT-6-18	26.00	0.6
3/8"	1/4"	24"	22"	TT-6-24	34.00	0.8
7/16"	1/4"	4"	2 1/2"	TT-7-4	8.00	0.2
7/16"	1/4"	6"	4"	TT-7-6	9.00	0.2
1/2"	1/4"	4"	2 1/2"	TT-8-4	9.00	0.2
1/2"	3/8"	6"	4"	TT-8-6	9.50	0.3
1/2"	1/4"	6"	4"	TT-8-6A	9.50	0.3
9/16"	3/8"	6"	4"	TT-9-6	11.00	0.3
5/8"	1/2"	6"	4"	TT-10-6	13.00	0.3
11/16"	1/2"	6"	4"	TT-11-6	15.00	0.4
3/4"	1/2"	6"	4"	TT-12-6	17.00	0.4
7/8"	1/2"	6"	4"	TT-14-6	21.00	0.8
1"	1/2"	6"	4"	TT-16-6	26.00	0.7

BELL HANGER BITS



DIAMETER		OVERALL LENGTH	DRILLING DEPTH	PART NO.	LIST PRICE	WT. (lbs)	BULK	
POINT	SHANK						QTY	WT.
1/4"	1/4"	18"	16"	BH-4-18	\$18.00	0.4	25	10
3/8"	3/8"	18"	16"	BH-6-18	20.00	0.6		15

BELL HANGER BITS are available for all wiring jobs where masonry is encountered. Bit has a hole in the flute for pulling wires. For all cable TV, telephone, electrical and small-wire installers.

ROTARY-ONLY MULTIPLE-CUTTER BITS

NON-REMOVABLE-SHANK, MULTIPLE CUTTER BITS

CONCRETE-TERMITE®, SOLID BODY STYLE



DIAMETER POINT	DIAMETER SHANK	OVERALL LENGTH	DRILLING DEPTH	PART NO.	LIST PRICE	WT. (lbs)	RECOMMENDED RPM
3/16"	3/16"	4"	2 3/16"	TD-3-4	\$ 9.00	0.1	550-900
1/4"	1/4"	5"	3"	TD-4-5	17.00	0.1	550-900
5/16"	1/4"	5"	3"	TD-5-5	19.00	0.1	550-900
3/8"	5/16"	5"	3"	TD-6-5	23.00	0.1	550-900
3/8"	5/16"	8"	6"	TD-6-8	30.00	0.3	550-900
7/16"	5/16"	5"	3"	TD-7-5	33.00	0.3	550-900
1/2"	3/8"	8"	5"	TD-8-8	34.00	0.4	450-750
1/2"	3/8"	18"	14 1/2"	TD-8-18	41.00	0.8	450-750
9/16"	3/8"	8"	4 1/2"	TD-9-8	41.00	0.4	450-750

CONCRETE-TERMITE, CORE STYLE



DIAMETER POINT	DIAMETER SHANK	OVERALL LENGTH	DRILLING DEPTH	PART NO.	LIST PRICE	WT. (lbs)	SUGGESTED RPM
5/8"	1/2"	8"	4 1/2"	TD-10-8	\$ 42.00	0.5	450-750
3/4"	1/2"	8"	4 1/2"	TD-12-8	52.00	0.6	450-750

E-Z STARTER POINTS for TD CORE BITS



Used to help keep the core bit from "skipping" across the masonry when first contact is made. The E-Z in-and-out design is quick and simple to use.

PART NO.	WILL FIT THESE CORE BIT DIAMETERS	LIST PRICE	WT. (lbs)
SP-10	5/8"	\$ 14.00	0.1
SP-12	3/4"	14.00	0.1
SP-14	7/8"	15.00	0.1
SP-16	1"	16.00	0.1
SP-18	1 1/8"	17.00	0.1
SP-20	1 1/4"	20.00	0.2
SP-22	1 3/8" thru 1 5/8"	21.00	0.2
SP-28	1 3/4" thru 2 1/4"	26.00	0.2
SP-40	2 1/2" thru 3"	44.00	0.6

REMOVABLE-SHANK CORE BITS



CORE BODY - 4 1/2" OAL, 3 1/2" Core Depth

DIAMETER	TD CORE BIT COMPLETE - 9" OAL			TD CORE BIT HEAD ONLY			SUGG. RPM	SHANKS FOR TD CORE BITS HEAD ONLY PART NO.	SHANK DIA.	TO MAKE OVERALL BIT LENGTH	LIST PRICE	WT. (lbs)	THREAD SIZE
	PART NO.	LIST PRICE	WT. (lbs)	PART NO.	LIST PRICE	WT. (lbs)							
7/8"	TD-14-9	\$69.00	0.8	TD-14HO	\$ 58.00	0.4	350-750	TDS-2-9 (Supplied w/ complete bit)	1/2"	9"	\$11.00	0.4	1/2 - 13
1"	TD-16-9	76.00	0.9	TD-16HO	66.00	0.5	350-750						
1 1/8"	TD-18-9	82.00	1.1	TD-18HO	72.00	0.7	350-750						
1 1/4"	TD-20-9	91.00	1.1	TD-20HO	80.00	0.7	350-750						
1 3/8"	TD-22-9	97.00	1.3	TD-22HO	87.00	0.9	350-750						
1 1/2"	TD-24-9	103.00	1.4	TD-24HO	93.00	1.0	350-750						
1 5/8"	TD-26-9	111.00	1.4	TD-26HO	100.00	1.0	350-750						
1 3/4"	TD-28-9	118.00	1.6	TD-28HO	108.00	1.2	350-750	TDS-2-12 TDS-2-18 TDS-2-24	1/2"	12"	13.00	0.5	
2"	TD-32-9	131.00	2.2	TD-32HO	120.00	1.5	250-450						
2 1/4"	TD-36-9	165.00	2.8	TD-36HO	155.00	2.1	250-450						
2 1/2"	TD-40-9	180.00	3.1	TD-40HO	170.00	2.4	250-450						
3"	TD-48-9	228.00	3.7	TD-48HO	218.00	3.0	250-450	TDS-3-9 (Supplied w/ complete bit)	1/2"	9"	\$11.00	0.4	3/4 - 10
								TDS-3-12 TDS-3-18 TDS-3-24	1/2"	12"	13.00	0.5	3/4 - 10

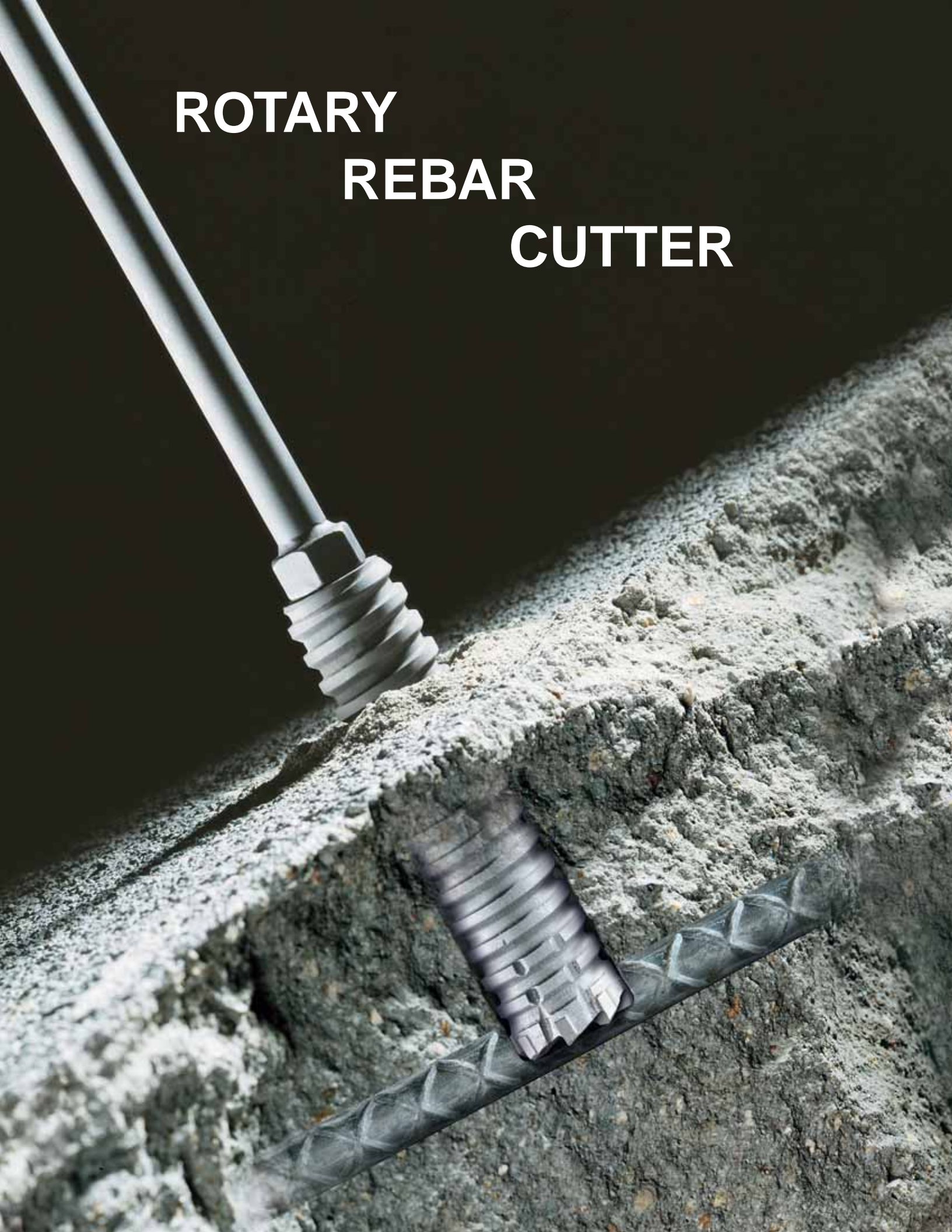
DIAMOND DRILL RIG ADAPTORS



PART NO.	WILL FIT THESE RELTON PRODUCTS	THREAD SIZE	LIST PRICE	WT. (lbs)
1258	3/4" - 7/8" Hole Saws, 7/8" - 1 3/4" TD Core Bits & Rebar Eaters	1/2-13 to 5/8-11	\$ 12.00	0.3
3458	1" - 4" Hole Saws, 2" & up TD Core Bits & Rebar Eaters	3/4-10 to 5/8-11	12.00	0.4
34114	1" - 4" Hole Saws, 2" & up TD Core Bits & Rebar Eaters	3/4-10 to 1 1/4-7	18.00	0.4

Adapt our core bits, Rebar Eaters and hole saws for use on diamond drill rigs... May be used wet or dry cut.

ROTARY REBAR CUTTER



ROTARY-ONLY REBAR EATERS

At last, the answer to drilling through concrete-embedded rebar! No more broken or shattered hammer bits; now you can drill through the rebar and not have to relocate the hole to avoid the rebar!

DIA	OVERALL LENGTH	Straight-Shank		SDS+ Shank		WT. (lbs)	SUGGESTED RPM'S	PIECES
		PART NO.	LIST PRICE	PART NO.	LIST PRICE			
3/8"	8"	RB-6	\$ 47.00	SRB-6	\$ 49.00	0.3	850-1200	This is a one-piece system (shanks are non-removable).
1/2"	12"	RB-8	49.00	SRB-8	51.00	0.6	850-1200	
1/2"	18"	RB-8-18	74.00	SRB-8-18	76.00	1.0	850-1200	
9/16"	12"	RB-9	56.00	SRB-9	58.00	0.7	850-1200	
5/8"	12"	RB-10	59.00	SRB-10	61.00	0.8	750-1000	
5/8"	18"	RB-10-18	79.00	SRB-10-18	81.00	1.3	750-1000	
11/16"	12"	RB-11	67.00	SRB-11	69.00	0.9	750-1000	
3/4"	12"	RB-12	68.00	SRB-12	70.00	1.1	600-850	
3/4"	18"	RB-12-18	87.00	SRB-12-18	89.00	1.6	600-850	
3/4"	24"	RB-12-24	100.00	SRB-12-24	102.00	1.8	600-850	
13/16"	12"	RB-13	74.00	SRB-13	76.00	1.1	600-850	
7/8"	12"	RB-14	91.00	SRB-14	93.00	0.9	600-850	
1"	12"	RB-16	95.00	SRB-16	97.00	1.1	500-750	This is a two-piece system, and comes with a shank to make a overall length of 12"; however, longer or shorter shanks are available...see shanks below
1 1/8"	12"	RB-18	112.00	SRB-18	114.00	1.2	500-750	
1 1/4"	12"	RB-20	118.00	SRB-20	120.00	1.3	450-600	
1 3/8"	12"	RB-22	120.00	SRB-22	122.00	1.4	450-600	
1 1/2"	12"	RB-24	132.00	SRB-24	134.00	1.6	350-500	
1 3/4"	12"	RB-28	167.00	SRB-28	169.00	1.8	350-500	
2"	12"	RB-32	184.00	SRB-32	186.00	2.5	350-500	
2 1/2"	12"	RB-40	200.00	SRB-40	202.00	3.1	350-500	



REPLACEMENT CUTTER HEAD 7/8" & LARGER



REPLACEMENT SHANKS 7/8" & LARGER



STRAIGHT SHANK

SDS+ SHANK

DIA	PART NO.	LIST PRICE	WT. (lbs)	SUGGESTED RPM'S	THREAD SIZE	PART NO.	LIST PRICE	SHANK	TO MAKE OAL BIT LENGTH	WT. (lbs)	THREAD SIZE
7/8"	RB-14HO	\$ 78.00	0.4	600-850	1/2-13 FEMALE	TDS-2-9	\$11.00	1/2"	9"	0.4	1/2-13 MALE
1"	RB-16HO	82.00	0.6	500-750		TDS-2-12*	13.00	1/2"	12"	0.5	
1 1/8"	RB-18HO	99.00	0.7	500-750		TDS-2-18	19.00	1/2"	18"	0.9	
1 1/4"	RB-20HO	105.00	0.8	450-600		TDS-2-24	26.00	1/2"	24"	1.2	
1 3/8"	RB-22HO	107.00	0.9	450-600		NEW STDS-2-9	13.00	SDS	9"	0.4	
1 1/2"	RB-24HO	119.00	1.1	350-500		NEW STDS-2-12*	15.00	SDS	12"	0.5	
1 3/4"	RB-28HO	154.00	1.3	350-500		NEW STDS-2-18	21.00	SDS	18"	0.9	
						NEW STDS-2-24	28.00	SDS	24"	1.2	
2"	RB-32HO	171.00	1.8	350-500	3/4-10 FEMALE	TDS-3-9	11.00	1/2"	9"	0.4	3/4-10 MALE
						TDS-3-12*	13.00	1/2"	12"	0.5	
						TDS-3-18	19.00	1/2"	18"	0.9	
						TDS-3-24	26.00	1/2"	24"	1.2	
						NEW STDS-3-9	13.00	SDS	9"	0.4	
						NEW STDS-3-12*	15.00	SDS	12"	0.5	
						NEW STDS-3-18	21.00	SDS	18"	0.9	
2 1/2"	RB-40HO	187.00	2.4	350-500	NEW STDS-3-24	28.00	SDS	24"	1.2		

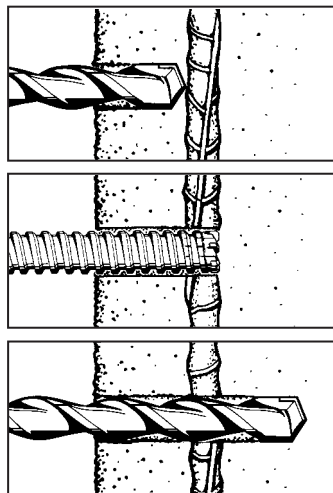
Follow power tool manufacturers' recommendations for bit capacity.

*Supplied with complete bit.

SAFETY NOTE: The operator of this tool assumes sole responsibility for any adverse structural effects of cutting rebar. Consult structural engineers if you have any concerns

EASY AS....

- When rebar is encountered while drilling with a rotary hammer and a carbide hammer bit, immediately stop the hammer and remove the bit from the hole (failure to stop could severely damage a carbide hammer bit - regardless of manufacturer's claim).
- Mount a rotary rebar cutter in a standard 1/2" chuck/drill motor or SDS+ rotary hammer-motor (with the selector in the **rotary-only position**); insert the rotary rebar cutter into the hole and drill through the embedded rebar.
- Remove the rotary rebar cutter after the rebar has been drilled completely through and finish drilling the hole with the rotary hammer and hammer bit.



NOTICE:

The Relton carbide-tipped rotary rebar cutter is designed for use in a standard 1/2" chuck/drill motor or SDS+ hammer motor provided the selector mechanism is kept in the **rotary-only position**. The Relton carbide-tipped rotary rebar cutter is intended for **rotary** drilling only; percussion (hammering action) will damage the

TECHNICAL INFORMATION

CARBIDE MASONRY TOOLS



1/8" to 1"



1/8" to 1"



5/32" to 1 1/8"



3/8" to 1 1/2"



3/8" to 2 1/2"



5/8" to 5"

Fast Spiral Rotary: Generally used in rotary drilling. Speed range 450-700 RPM to 1/2" diameter, 350-500 RPM from 5/8" and up. Rotary bits do not break up the concrete, but actually grind it under operator pressure.

Rotary/Percussion: Generally used in lightweight, mechanical, vibrating hammers. Speed range 1300-3500 RPM, at up to 50,000 blows per minute. The impacting action created by the hammer fractures the concrete into tiny granules.

Rotary Hammer: Used in electro-pneumatic rotary hammers. Speed range 400-1000 RPM at up to 4500 blows per minute. SDS+ is currently the most popular shank type for holes up to 5/8". Spline and SDS-max for holes 3/4" and larger.

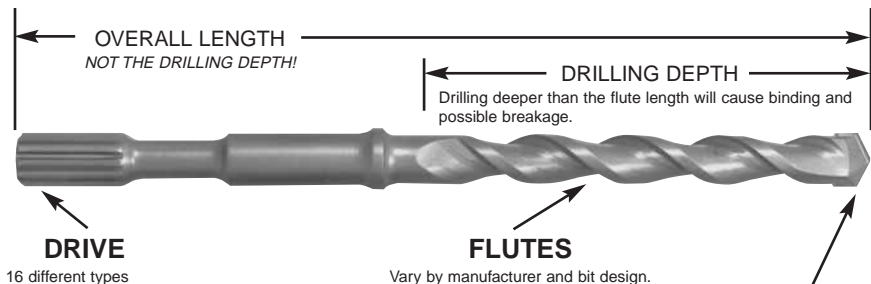
Rebar Cutter: Used to cut holes through embedded steel reinforcing bar. It is used to prevent damage to the hammer bit, which occurs if the hammer bit is used after rebar is encountered.

Core Bit: The most effective way of drilling a large hole since you are only cutting the circumference. Both rotary and hammer types are available. Rotary core bits require a great deal of pressure and are suitable for very brittle or thin materials. Hammer core bits offer speed and economy only if rebar is not encountered.

A.N.S.I. B212.15-1994 AMERICAN NATIONAL STANDARDS INSTITUTE CARBIDE-TIPPED-DRILL TOLERANCES

Developed to insure maximum holding power of concrete anchors by matching drill tolerances to anchor dimensions. Using a drill which is worn or out of tolerance can drastically reduce an anchor's performance.

NOMINAL DRILL DIAMETER	TOLERANCE BAND	NOMINAL DRILL DIAMETER	TOLERANCE BAND
3/16"	.206" - .198"	11/16"	.723" - .713"
1/4"	.268" - .260"	3/4"	.787" - .775"
5/16"	.335" - .327"	7/8"	.917" - .905"
3/8"	.398" - .390"	1"	1.042" - 1.030"
7/16"	.468" - .458"	1 1/8"	1.175" - 1.160"
1/2"	.530" - .520"	1 1/4"	1.300" - 1.285"
9/16"	.592" - .582"	1 3/8"	1.425" - 1.410"
5/8"	.660" - .650"	1 1/2"	1.550" - 1.535"



CARBIDE TIP is composed of a powder made up of Tungsten Carbide, Carbon, Cobalt and other metals which, under heat and pressure, are formed into a bit tip. Since there are only a few manufacturers of carbide, it is primarily the process and quality control of brazing the tip to the drill body which differentiate bit longevity and quality. The brazing material, such as silver-copper alloy, must allow for the difference in expansion and contraction between the carbide tip and the steel body, as well maintain shock-resistance.

California Proposition 65

The state of California has determined that many substances such as concrete, wood, metal, and paint may contain Prop. 65 substances. (Some other states have somewhat similar legislation and regulation.) California authorities believe that Prop. 65 requires a WARNING that drilling, sawing, cutting, etc. into such materials may expose the driller, sawer, etc. to the Prop. 65 substances contained in the material being drilled, sawed, etc. Therefore, Relton offers the following:

Proposition 65 Warning

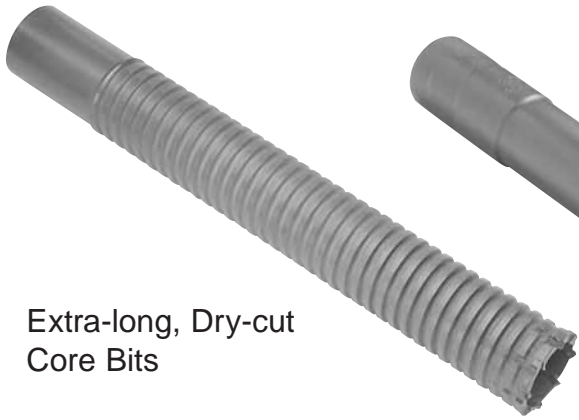
You can create dust when you cut, sand, drill or grind materials such as wood, paint, metal, concrete, cement or other masonry. This dust often contains chemicals known to cause cancer, birth defects, or other reproductive harm.

The following referenced trademarks are the property of the companies indicated:

AEG,[®] AEG Power Tool Corp. • B&D,[®] Black & Decker Mfg. Co. • BOSCH,[®] Robert Bosch Corporation • HILTI,[®] Hilti Corporation. • HITACHI,[®] Hitachi Koki Company Ltd. • KANGO,[®] Kango Wolf Power Tools U.S.A. • MAKITA,[®] Makita U.S.A., Inc. • METABO,[®] Ferrostaal-Metabo Tool Corporation • MILLERS FALLS,[®] The Ingersoll-Rand Co. • MILWAUKEE,[®] Milwaukee Electric Tool Corporation • PHILLIPS,[®] ITT Phillips Drill Company, PORTER-CABLE,[®] Porter-Cable Corporation • RAMSET,[®] Ramset Fastening Systems • ROCKWELL,[®] Rockwell International, Inc. • RYOBI,[®] Ryobi America Corporation • SDS+,[®] SDS-max,[®] Robert Bosch Corporation • SKIL,[®] Skil Corporation • TAPCON,[®] ITW Buidlex

SPECIALTY CARBIDE BITS

Relton can manufacture special diameters and lengths for most of our products. We will manufacture custom designs to your blueprints or other specifications, even in 1 piece quantities. If you don't see what you need, just ask us to make it for you!



Extra-long, Dry-cut Core Bits

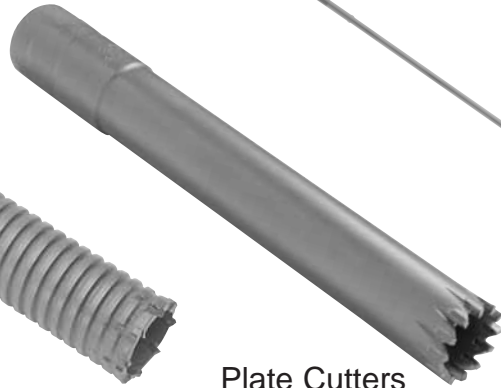
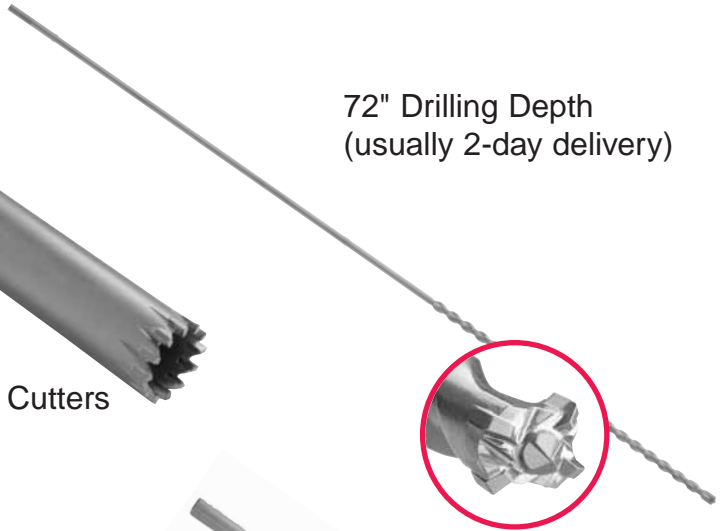
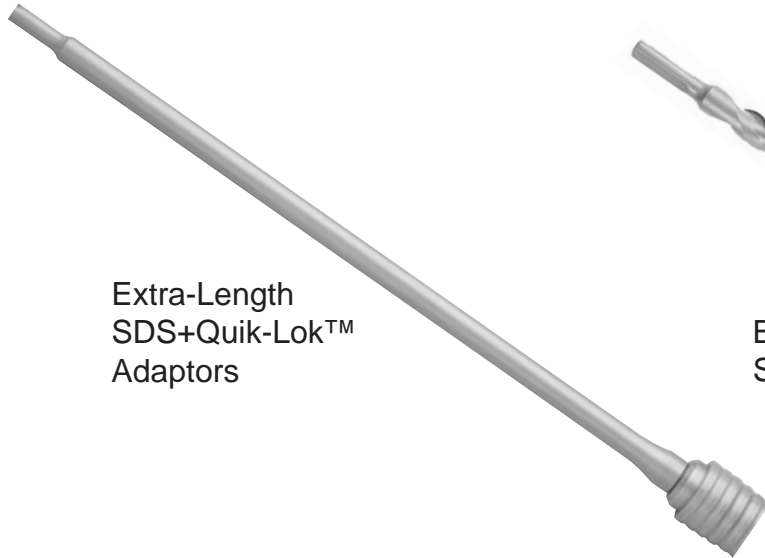


Plate Cutters



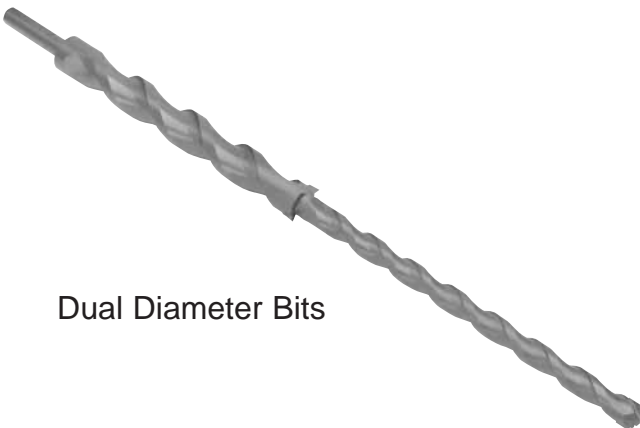
72" Drilling Depth
(usually 2-day delivery)



Extra-Length SDS+Quik-Lok™ Adaptors



Bits for Seismic Retrofit



Dual Diameter Bits

How to order a special masonry bit

1. Specify diameter and drilling depth.
2. Specify straight rotary or hammer.
3. Specify core bit or single-insert bit.
4. Specify manufacturer's drill motor model number (if hammer bit).

Example:

2 1/2" x 10" hammer core bit for Milwaukee 5300

FACTORY SERVICE SCHEDULE

HAMMER BITS

DIAMETER	SHARPEN ONLY		REPLACE CARBIDE		REMILL*
	SINGLE	PYRAMID	SINGLE	PYRAMID	
1/4" thru 7/16"	\$4.00	-	-	-	-
1/2" thru 5/8"	4.00	\$ 9.00	\$15.00	\$24.00	\$18.00
11/16" thru 3/4"	5.00	9.00	15.00	24.00	19.00
27/32"	5.00	-	15.00	-	19.00
7/8" thru 1"	5.00	9.00	19.00	30.00	23.00
1 1/8" thru 1 1/4"	6.00	12.00	27.00	38.00	33.00
1 3/8"	6.00	12.00	27.00	46.00	34.00
1 1/2"	7.00	12.00	32.00	46.00	38.00

* Note: Pyramid Point® multiple-cutter bits can be remilled ONLY AS SINGLE-CUTTER BITS.

Relton offers a complete rebuilding service for all our Carbide-Tipped Masonry Tools.

- To replace carbide, slots for carbide inserts must be usable.
- Remill means to cut off bit tip, cut new slots, insert carbide and sharpen.
- Customer is responsible for all shipping charges.

Sorry, we service only **Relton** products.

SEND YOUR DULL OR BROKEN RELTON BITS OR HOLE SAWS TO:

RELTON CORPORATION
317 Rolyn Place

Arcadia, CA 91007-2838

Tel (800) 423-1505, (323) 681-2551

ROTARY REBAR EATERS & ROTARY CORE BITS

DIAMETER	SHARPEN ONLY	REPLACE CARBIDE & SHARPEN
1/2" thru 11/16"	\$ 7.00	\$5.00 each carbide + \$ 7.00 sharpen
3/4" thru 1 3/4"	8.00	5.00 each carbide + 8.00 sharpen
1 7/8" thru 2 3/4"	9.00	5.00 each carbide + 9.00 sharpen
3" thru 4"	12.00	5.00 each carbide + 12.00 sharpen

HAMMER CORE BITS & HARD-HEAD BITS

DIAMETER	SHARPEN ONLY	REPLACE CARBIDE & SHARPEN
1 1/8" thru 1 3/8"	7.00	5.00 each carbide + 7.00 sharpen
1 1/2"	8.00	5.00 each carbide + 8.00 sharpen
1 5/8" thru 1 3/4"	8.00	5.00 each carbide + 8.00 sharpen
2" thru 2 1/4"	9.00	5.00 each carbide + 9.00 sharpen
2 1/2" thru 2 3/4"	9.00	5.00 each carbide + 9.00 sharpen
3"	10.00	5.00 each carbide + 10.00 sharpen
3 1/2"	10.00	5.00 each carbide + 10.00 sharpen
4"	12.00	5.00 each carbide + 12.00 sharpen
4 1/2"	13.00	5.00 each carbide + 13.00 sharpen
5"	14.00	5.00 each carbide + 14.00 sharpen

SUGGESTIONS FOR EXTENDING BIT LIFE

1. If possible, avoid hitting rebar or other impenetrable obstacles embedded in the concrete. Rebar is the number one enemy of hammer bits. When rebar is unavoidably encountered, we recommend using our rotary rebar cutter (see page 16).

2. Once drilling has begun, avoid trying to realign an off-center hole or change directions in a hole.

3. If the drill bit seems to slow down in its penetration rate, it is usually an indication that the carbide tip is getting dull. Continuing to drill with a dull bit will reduce bit life.

4. Pouring water into a hole as a dust settler while drilling may cause complete failure of the carbide tip.

5. Apply enough pressure to keep the bit firmly seated in the hammer.

6. Do not drill deeper than the length of the flutes. (This suggestion would not apply to multiple-cutter core bits in which the body diameter substantially exceeds the shank diameter.)

7. Frequent bit withdrawal from the hole will help to clean out dust and lessen the chance of the bit's binding in the hole. This is particularly important when drilling damp or soft material.

8. Excessive force to remove a bound-up bit will cause bending or breakage.

9. Keep the shank of the bit clean and well lubricated.

10. Keep each bit in its own container. This will prevent accidental damage through handling while the bit is not being used.

11. A worn nose-piece in your hammer drill can result in abnormal bit-shank wear.

12. Before drilling 36" deep, use a shorter bit to drill a pilot hole 16" to 22".

NOTE

Premature bit failure is usually the result of misuse, operator error, or job-site conditions. Pipe-wrench marks on a bit usually indicate bit misuse.

HOLE SAW DIVISION



BRAZED-CARBIDE HOLE SAWS

METAL-CUTTING HS SERIES



1" Drilling Depth Standard

Complete Saw includes:

- Hole saw cutter-head
- Shank (HS-S4 or HS-S6)
- Pilot (High-Speed Steel)
- Spring

Will cut:

Carbon Steel
Cast Iron
Stainless Steel
Aluminum
Hard Rubber
Titanium
Formica

DIAMETER	COMPLETE			CUTTER-HEAD ONLY			REPLACEMENT SHANKS		REPLACEMENT PILOTS/SPRINGS		
	PART NO.	LIST PRICE	WT. (lbs)	PART NO.	LIST PRICE	WT. (lbs)	PART NO.	LIST PRICE	PART NO.	LIST PRICE	WT. (lbs)
3/4"	HS-12	\$ 60.00	0.4	HS-12HO	\$ 38.00	0.3	S-12 \$12.00 (See below for specs.)				
7/8"	HS-14	62.00	0.4	HS-14HO	40.00	0.3					
1"	HS-16	63.00	0.6	HS-16HO	41.00	0.3	HS-S4 \$12.00 (Supplied w/ complete saw)		SP-41 \$7.00 0.1 High-Speed Steel 1/4" Diameter - 1" DD		
1 1/8"	HS-18	64.00	0.7	HS-18HO	42.00	0.4					
1 1/4"	HS-20	66.00	0.7	HS-20HO	44.00	0.4					
1 3/8"	HS-22	68.00	0.8	HS-22HO	46.00	0.4					
1 1/2"	HS-24	70.00	0.9	HS-24HO	48.00	0.4					
1 5/8"	HS-26	72.00	1.0	HS-26HO	50.00	0.5					
1 3/4"	HS-28	73.00	1.1	HS-28HO	51.00	0.6	HS-S47 \$16.00 HS-S410 21.00 (See below for specs.)		ES-41 \$3.00 0.1 Ejector Spring		
1 7/8"	HS-30	81.00	1.1	HS-30HO	59.00	0.6					
2"	HS-32	82.00	1.1	HS-32HO	60.00	0.6	HS-S6 \$12.00 (Supplied w/ complete saw)		SP-61 \$7.00 0.1 High-Speed Steel 3/8" Diameter - 1" DD		
2 1/8"	HS-34	84.00	1.3	HS-34HO	62.00	0.7					
2 1/4"	HS-36	85.00	1.4	HS-36HO	63.00	0.8					
2 3/8"	HS-38	88.00	1.4	HS-38HO	66.00	0.8					
2 1/2"	HS-40	89.00	1.6	HS-40HO	67.00	0.8					
2 3/4"	HS-44	92.00	1.6	HS-44HO	70.00	0.8					
3"	HS-48	101.00	1.7	HS-48HO	79.00	0.9					
3 1/4"	HS-52	108.00	1.9	HS-52HO	86.00	1.6					
3 1/2"	HS-56	114.00	2.3	HS-56HO	92.00	1.9					
4"	HS-64	130.00	2.6	HS-64HO	108.00	2.2					

• Additional sizes available on request • For Spring Ejectors see page 25

INTERRUPTED-CUT STHS SERIES



2" Drilling Depth Standard

Complete Saw includes:

- Hole saw cutter head
- Shank (HS-S4 or HS-S6)
- Pilot (High-Speed Steel)
- Spring

Will cut:

Pipe
Trench Duct
Cellular Metal
- and -

all types of ferrous & non-ferrous metals where an "interrupted" cut may occur

DIAMETER	COMPLETE			CUTTER-HEAD ONLY			REPLACEMENT SHANKS		REPLACEMENT PILOTS/SPRINGS		
	PART NO.	LIST PRICE	WT. (lbs)	PART NO.	LIST PRICE	WT. (lbs)	PART NO.	LIST PRICE	PART NO.	LIST PRICE	WT. (lbs)
3/4"	STHS-12	\$ 76.00	0.4	STHS-12HO	\$ 54.00	0.3	S-12 \$12.00 (See pg. 19 for specs.)				
7/8"	STHS-14	77.00	0.5	STHS-14HO	55.00	0.3					
1"	STHS-16	80.00	0.8	STHS-16HO	58.00	0.4	HS-S4 \$12.00 (Supplied w/ complete saw)		SP-42 \$7.00 0.1 High-Speed Steel 1/4" Diameter - 2" DD		
1 1/8"	STHS-18	85.00	0.8	STHS-18HO	63.00	0.4					
1 1/4"	STHS-20	89.00	0.8	STHS-20HO	67.00	0.5					
1 3/8"	STHS-22	91.00	0.9	STHS-22HO	69.00	0.5					
1 1/2"	STHS-24	94.00	1.1	STHS-24HO	72.00	0.6					
1 3/4"	STHS-28	97.00	1.3	STHS-28HO	75.00	0.8					
2"	STHS-32	109.00	1.4	STHS-32HO	87.00	0.9	HS-S6 \$12.00 (Supplied w/ complete saw)		SP-62 \$7.00 0.1 High-Speed Steel 3/8" Diameter - 2" DD		
2 1/4"	STHS-36	113.00	1.7	STHS-36HO	91.00	1.0					
2 3/8"	STHS-38	117.00	1.8	STHS-38HO	95.00	1.1					
2 1/2"	STHS-40	121.00	1.9	STHS-40HO	99.00	1.1					
2 3/4"	STHS-44	131.00	1.9	STHS-44HO	109.00	1.4					
3"	STHS-48	143.00	2.1	STHS-48HO	121.00	1.6					
3 1/2"	STHS-56	179.00	3.2	STHS-56HO	157.00	2.7					
4"	STHS-64	179.00	3.2	STHS-64HO	157.00	2.7					

• Additional sizes available on request • For Spring Ejectors see page 25

BRAZED-CARBIDE HOLE SAWS

HARD PLASTIC/STUCCO ISHS SERIES



2" Drilling Depth Standard

Complete Saw includes:

- Hole saw cutter head
- Shank (HS-S4 or HS-S6)
- Pilot (Carbide tipped)
- Spring

Will cut:

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

DIAMETER	COMPLETE			CUTTER-HEAD ONLY			REPLACEMENT SHANKS		REPLACEMENT PILOTS/SPRINGS		
	PART NO.	LIST PRICE	WT. (lbs)	PART NO.	LIST PRICE	WT. (lbs)	PART NO.	LIST PRICE	PART NO.	LIST PRICE	WT. (lbs)
1"	ISHS-16	\$ 74.00	0.7	ISHS-16HO	\$ 52.00	0.3	HS-S4 \$12.00 (Supplied w/ complete saw)		CP-42 \$7.00 0.1 Carbide-Tipped 1/4" Diameter - 2" DD		
1 1/8"	ISHS-18	76.00	0.8	ISHS-18HO	54.00	0.4					
1 1/4"	ISHS-20	77.00	0.8	ISHS-20HO	55.00	0.4					
1 3/8"	ISHS-22	79.00	0.8	ISHS-22HO	57.00	0.4					
1 1/2"	ISHS-24	83.00	1.0	ISHS-24HO	61.00	0.5	HS-S47 \$16.00	HS-S410 21.00 (See pg. 19 for specs.)	ES-42 \$3.00 0.1 Ejector Spring		
1 5/8"	ISHS-26	85.00	1.1	ISHS-26HO	63.00	0.6					
1 3/4"	ISHS-28	88.00	1.1	ISHS-28HO	66.00	0.6	HS-S6 \$12.00 (Supplied w/ complete saw)		CP-62 \$7.00 0.1 Carbide-Tipped 3/8" Diameter - 2" DD		
2"	ISHS-32	95.00	1.1	ISHS-32HO	73.00	0.6					
2 1/8"	ISHS-34	99.00	1.3	ISHS-34HO	77.00	0.6					
2 1/4"	ISHS-36	104.00	1.3	ISHS-36HO	82.00	0.7					
2 1/2"	ISHS-40	109.00	1.4	ISHS-40HO	87.00	0.8	HS-S67 \$16.00	HS-S610 21.00 (See pg. 19 for specs.)	ES-62 \$3.00 0.1 Ejector Spring		
3"	ISHS-48	121.00	1.5	ISHS-48HO	99.00	1.1					
4"	ISHS-64	148.00	2.2	ISHS-64HO	126.00	1.8					

• Additional sizes available on request • For Spring Ejectors see page 25

WOOD/FIBERGLASS FHS SERIES



2" Drilling Depth Standard

Complete Saw includes:

- Hole saw cutter head
- Shank (HS-S4 or HS-S6)
- Pilot (High Speed Steel)
- Spring

Will cut:

Wood/Fiberglass / Kevlar
Plexiglass
PVC / ABS Materials
Composites
Soft Plastic / Acrylic
(Substitute Carbide Pilot)

DIAMETER	COMPLETE			CUTTER-HEAD ONLY			REPLACEMENT SHANKS		REPLACEMENT PILOTS/SPRINGS		
	PART NO.	LIST PRICE	WT. (lbs)	PART NO.	LIST PRICE	WT. (lbs)	PART NO.	LIST PRICE	PART NO.	LIST PRICE	WT. (lbs)
7/8"	FHS-14	\$ 75.00	0.4	FHS-14HO	\$ 53.00	0.3	S-12 \$12.00	HS-S4 \$12.00 (Supplied w/ complete saw)	SP-42 \$7.00 0.1 High-Speed Steel 1/4" Diameter - 2" DD		
1"	FHS-16	77.00	0.7	FHS-16HO	55.00	0.3					
1 1/8"	FHS-18	78.00	0.8	FHS-18HO	56.00	0.3					
1 1/4"	FHS-20	80.00	0.8	FHS-20HO	58.00	0.4					
1 3/8"	FHS-22	81.00	0.8	FHS-22HO	59.00	0.4	HS-S47 \$16.00	HS-S410 21.00 (See pg. 19 for specs.)	ES-42 \$3.00 0.1 Ejector Spring		
1 1/2"	FHS-24	82.00	1.0	FHS-24HO	60.00	0.5					
1 3/4"	FHS-28	83.00	1.1	FHS-28HO	61.00	0.6	HS-S6 \$12.00 (Supplied w/ complete saw)		SP-62 \$7.00 0.1 High-Speed Steel 3/8" Diameter - 2" DD		
2"	FHS-32	90.00	1.1	FHS-32HO	68.00	0.6					
2 1/8"	FHS-34	94.00	1.1	FHS-34HO	72.00	0.6					
2 1/4"	FHS-36	96.00	1.3	FHS-36HO	64.00	0.7					
2 1/2"	FHS-40	99.00	1.4	FHS-40HO	77.00	0.7	HS-S67 \$16.00	HS-S610 21.00 (See pg. 19 for specs.)	ES-62 \$3.00 0.1 Ejector Spring		
2 3/4"	FHS-44	101.00	1.5	FHS-44HO	79.00	1.1					
3"	FHS-48	109.00	1.6	FHS-48HO	87.00	1.1					
3 1/2"	FHS-56	120.00	1.7	FHS-56HO	98.00	1.3					
4"	FHS-64	131.00	2.1	FHS-64HO	109.00	1.6					

• Additional sizes available on request • For Spring Ejectors see page 25

WOOD/FIBERGLASS IWHS SERIES

Available while supplies last.



2" Drilling Depth Standard

Complete Saw includes:

- Hole saw cutter head
- Shank (HS-S4 or HS-S6)
- Pilot (High Speed Steel)
- Spring

Will cut:

Wood/Fiberglass / Kevlar
Plexiglass
PVC / ABS Materials
Composites
Soft Plastic / Acrylic
(Substitute Carbide Pilot)

DIAMETER	COMPLETE			CUTTER-HEAD ONLY			REPLACEMENT SHANKS		REPLACEMENT PILOTS/SPRINGS		
	PART NO.	LIST PRICE	WT. (lbs)	PART NO.	LIST PRICE	WT. (lbs)	PART NO.	LIST PRICE	PART NO.	LIST PRICE	WT. (lbs)
7/8"	IWHS-14	\$ 70.00	0.4	IWHS-14HO	\$ 48.00	0.3	S-12 \$12.00	HS-S4 \$12.00 (Supplied w/ complete saw)	SP-42 \$7.00 0.1 High-Speed Steel 1/4" Diameter - 2" DD		
1"	IWHS-16	72.00	0.7	IWHS-16HO	50.00	0.3					
1 1/8"	IWHS-18	73.00	0.8	IWHS-18HO	51.00	0.3					
1 1/4"	IWHS-20	75.00	0.8	IWHS-20HO	53.00	0.4					
1 3/8"	IWHS-22	76.00	0.8	IWHS-22HO	54.00	0.4	HS-S47 \$16.00	HS-S410 21.00 (See pg. 19 for specs.)	ES-42 \$3.00 0.1 Ejector Spring		
1 1/2"	IWHS-24	77.00	1.0	IWHS-24HO	55.00	0.5					
1 3/4"	IWHS-28	78.00	1.1	IWHS-28HO	56.00	0.6	HS-S6 \$12.00 (Supplied w/ complete saw)		SP-62 \$7.00 0.1 High-Speed Steel 3/8" Diameter - 2" DD		
2"	IWHS-32	85.00	1.1	IWHS-32HO	63.00	0.6					
2 1/8"	IWHS-34	89.00	1.1	IWHS-34HO	67.00	0.6					
2 1/4"	IWHS-36	91.00	1.3	IWHS-36HO	69.00	0.7					
2 1/2"	IWHS-40	94.00	1.4	IWHS-40HO	72.00	0.7	HS-S67 \$16.00	HS-S610 21.00 (See pg. 19 for specs.)	ES-62 \$3.00 0.1 Ejector Spring		
2 3/4"	IWHS-44	96.00	1.5	IWHS-44HO	74.00	1.1					
3"	IWHS-48	104.00	1.6	IWHS-48HO	82.00	1.1					
3 1/2"	IWHS-56	115.00	1.7	IWHS-56HO	93.00	1.3					
4"	IWHS-64	126.00	2.1	IWHS-64HO	104.00	1.6					

• Additional sizes available on request • For Spring Ejectors see page 25

BRAZED-CARBIDE HOLE SAWS

TUB & SPA HST SERIES



2" Drilling Depth Standard

Complete Saw includes:

- Hole saw cutter-head
- Shank (HS-S4 or HS-S6)
- Pilot (Carbide tipped)
- Spring

Will cut:

Spas & Hot Tubs
Gelcoat Fiberglass

DIAMETER	COMPLETE			CUTTER-HEAD ONLY			REPLACEMENT SHANKS		REPLACEMENT PILOTS/SPRINGS								
	PART NO.	LIST PRICE	WT. (lbs)	PART NO.	LIST PRICE	WT. (lbs)	PART NO.	LIST PRICE	PART NO.	LIST PRICE	WT. (lbs)						
3/4"	HST-12	\$ 71.00	0.4	HST-12HO	\$ 49.00	0.3	S-12	\$12.00	CP-42	\$7.00	0.1						
7/8"	HST-14	73.00	0.4	HST-14HO	51.00	0.3						(See below for specs.)	Carbide-Tipped				
1"	HST-16	74.00	0.6	HST-16HO	52.00	0.3	HS-S4	\$12.00				1/4" Diameter - 2" DD					
1 1/8"	HST-18	75.00	0.8	HST-18HO	53.00	0.3							(Supplied w/ complete saw)				
1 1/4"	HST-20	76.00	0.8	HST-20HO	54.00	0.4	HS-S47	\$16.00				ES-42	\$3.00	0.1			
1 3/8"	HST-22	80.00	0.9	HST-22HO	58.00	0.4									(See below for specs.)	Ejector Spring	
1 1/2"	HST-24	81.00	1.0	HST-24HO	59.00	0.5	HS-S410	21.00				CP-62	\$7.00	0.1			
1 5/8"	HST-26	82.00	1.0	HST-26HO	60.00	0.6									(See below for specs.)	Carbide-Tipped	
1 11/16"	HST-27	83.00	1.1	HST-27HO	61.00	0.6	HS-S6	\$12.00							3/8" Diameter - 2" DD		
1 3/4"	HST-28	84.00	1.1	HST-28HO	62.00	0.6										(Supplied w/ complete saw)	
1 15/16"	HST-31	99.00	1.2	HST-31HO	77.00	0.7	HS-S67	\$16.00	ES-62	\$3.00	0.1						
2"	HST-32	100.00	1.3	HST-32HO	78.00	0.7									(See below for specs.)	Ejector Spring	
2 1/8"	HST-34	103.00	1.3	HST-34HO	81.00	0.7	HS-S610	21.00	CP-61	7.00	.01						
2 1/4"	HST-36	104.00	1.4	HST-36HO	82.00	0.8									(See below for specs.)		
2 1/2"	HST-40	113.00	1.4	HST-40HO	91.00	0.8	HS-S67	\$16.00							ES-62	\$3.00	0.1
3"	HST-48	122.00	1.5	HST-48HO	100.00	1.1											

• Additional sizes available on request • For Spring Ejectors see page 25



S-12 Shank

1/2-13 threads, 1/4" pilot hole
3/8" round shank w/3 flats
3" OAL Wt. 0.4

HOLE SAW SHANK SPECIFICATIONS

HS-S4 Series Shanks

3/4-10 threads, 1/4" pilot hole
1/2" round shank w/3 flats
HS-S4 - 3" OAL Wt. 0.5
HS-S47 - 7" OAL Wt. 0.8
HS-S410 - 10" OAL Wt. 1.2

HS-S6 Series Shank

3/4-10 threads, 3/8" pilot hole
1/2" round shank w/3 flats
HS-S6 - 3" OAL Wt. 0.5
HS-S67 - 7" OAL Wt. 0.8
HS-S610 - 10" OAL Wt. 1.2

CARBIDE PILOTS FOR HS SERIES



PART NO.	DESCRIPTION	LIST PRICE	WT. (lbs)
CP-41	1/4" X 1" DD CARBIDE-TIPPED	\$ 7.00	.01
CP-61	3/8" X 1" DD CARBIDE-TIPPED	7.00	.01

BRAZED-CARBIDE THIN-GAUGE HOLE CUTTERS

For materials up to 1/4" thick

Excellent for all materials:

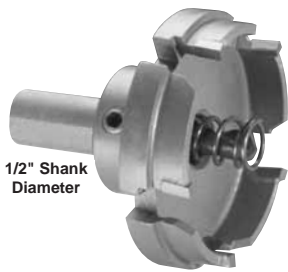
- Sheet metal
- Stainless steel
- Thin plastics

Smooth, clean holes

Easy plug removal

Non-removable shank

Special sizes on request!



1/2" Shank Diameter

DIAMETER	PART NO.	LIST PRICE	WT. (lbs)
3/4"	TG-12	\$45.00	0.2
13/16"	TG-13	46.00	0.2
7/8"	TG-14	47.00	0.2
1"	TG-16	49.00	0.3
1 1/16"	TG-17	52.00	0.3
1 1/8"	TG-18	53.00	0.3
1 7/32"	TG-195	54.00	0.3
1 1/4"	TG-20	55.00	0.3
1 5/16"	TG-21	56.00	0.3
1 3/8"	TG-22	57.00	0.3
1 7/16"	TG-23	58.00	0.3
1 1/2"	TG-24	63.00	0.3
1 5/8"	TG-26	70.00	0.3
1 3/4"	TG-28	73.00	0.4
2"	TG-32	76.00	0.4
2 1/8"	TG-34	86.00	0.4
2 1/4"	TG-36	87.00	0.5
2 3/8"	TG-38	88.00	0.5
2 1/2"	TG-40	90.00	0.5

REPLACEMENT PARTS FOR TG HOLE CUTTERS

DESCRIPTION	DIA.	PART NO.	LIST PRICE	WT. (lbs)
Pilot	1/4"	TGP-4	\$7.00	0.1
Spring Ejector	-	ES-40	3.00	0.1

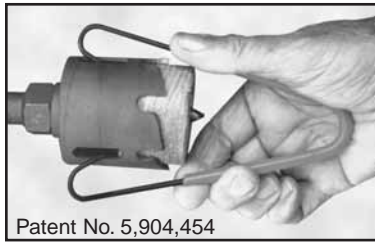
• Additional sizes available on request • For Spring Ejectors see page 25

SPECIALTY HOLE SAW PRODUCTS

Hole Saw Slug Removal Systems

Avoid the frustration of slugs or cores binding in your hole saws! Remove multiple layers of material – especially thin, hard-to-remove plastic, wood, and metal slugs. Increase productivity with either a *Holesaw Hook*® or Spring Ejector system from **RELTON** - the industry leader in brazed-carbide, production hole saws. New, complete hole saws include a spring - designed for use on Relton hole saws. The *Holesaw Hook*® may be used on most manufacturers' hole saws (with cleanout slots).

HOLESAW HOOK®



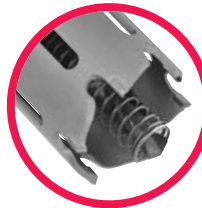
Patent No. 5,904,454

Part No: HSH
List Price: \$5.00

FEATURES:

- Reverse-angled hooks designed to fit cleanout slots
- Dual hooks pull evenly to prevent jamming
- Polyvinyl-coated handle for secure gripping
- Adjustable for holesaw diameters 1/2" to 2-1/2"
- Removes wood, plastic and metal slugs
- Hole saw not included.

HOLE SAW SPRING EJECTOR SYSTEM



FEATURES:

- Spring compresses during drilling; slug "pops" out as soon as cut is finished, allowing "hands-free" operation with no down time.
- Hole saw not included.

PART NO.	FOR USE WITH			LIST PRICE	WT. (lbs)
	DIAMETER	DEPTH OF CUT	PILOT SIZE		
ES-40	For all TG	1/4"	1/4"	\$3.00	0.1
ES-41	3/4" to 1-15/16"	1"	1/4"	3.00	0.1
ES-61	2" and above	1"	3/8"	3.00	0.1
ES-42	3/4" to 1-15/16"	2"	1/4"	3.00	0.1
ES-62	2" and above	2"	3/8"	3.00	0.1

PORCELAIN CUTTER KITS & REPLACEMENT PARTS



For Installing:

Reverse Osmosis Systems
Hot-Water Dispensers
Spa Jets in pre-existing bathtubs

Relton Porcelain Cutter Kits are designed with the Finish Saw 1/8" smaller in diameter than the Porcelain Saw. The **Finish Saw diameter** is used to determine which kit should be purchased.

Note: Kits are designed for porcelain over cast iron, NOT for solid Porcelain.

Drill through porcelain and cast iron with pilot bit.



Drill through porcelain only with spring-loaded saw.



Drill through cast iron with finish saw.



DESCRIPTION	7/8" Dia. FINISH HOLE SIZE			1" Dia. FINISH HOLE SIZE			1 1/4" Dia. FINISH HOLE SIZE			1 3/4" Dia. FINISH HOLE SIZE		
	PART NO.	LIST PRICE	WT. (lbs)	PART NO.	LIST PRICE	WT. (lbs)	PART NO.	LIST PRICE	WT. (lbs)	PART NO.	LIST PRICE	WT. (lbs)
Kit Complete	PC-14	\$132.00	0.8	PC-16	\$134.00	1.2	PC-20	\$138.00	1.3	PC-28	\$163.00	1.8
Porcelain Saw Complete*	P-14	70.00	0.3	P-16	71.00	0.6	P-20	72.00	0.6	P-28	90.00	0.8
Finish Hole Saw Complete	F-14	55.00	0.3	F-16	56.00	0.6	F-20	59.00	0.6	F-28	66.00	0.8
Finish Hole Saw Head Only	F-14HO	40.00	0.3	F-16HO	41.00	0.3	F-20HO	44.00	0.4	F-28HO	51.00	0.6
Pilot Drill	PD-42	7.00	0.1	PD-42	7.00	0.1	PD-42	7.00	0.1	PD-42	7.00	0.1
Spring-Loaded Shank	PS-1	16.00	0.2	PS-1	16.00	0.2	PS-2	19.00	0.3	PS-2	19.00	0.3
Shank - Finish Saw	S-12	12.00	0.3	S-34	12.00	0.4	S-34	12.00	0.4	S-34	12.00	0.4
Guide for Finish Saw	G-4	3.00	0.1	G-4	3.00	0.1	G-4	3.00	0.1	G-4	3.00	0.1

*Sorry! The Porcelain Saw is sold complete only.

FACTORY SERVICE SCHEDULE

HOLE SAWS

DIAMETER	SHARPEN ONLY	REPLACE CARBIDE & SHARPEN
1/2" thru 1 1/16"	\$ 7.00	\$5.00 each carbide + \$ 7.00 sharpen
3/4" thru 1 3/4"	8.00	5.00 each carbide + 8.00 sharpen
1 7/8" thru 2 3/4"	9.00	5.00 each carbide + 9.00 sharpen
3" thru 4"	12.00	5.00 each carbide + 12.00 sharpen
Porcelain Cutter Kits	16.00	5.00 each carbide + 16.00 sharpen
Porcelain Cutter Kit Components	see corresponding sizes above	
All Carbide-Tipped Pilots	4.00	Sharpen only available

How to order a special hole saw

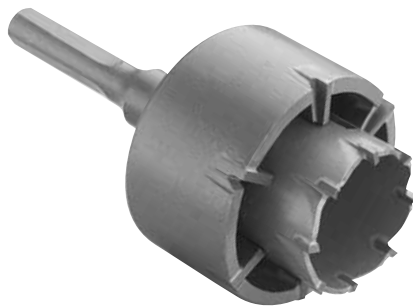
1. Specify material to be cut.
2. Specify diameter.
3. Specify depth of cut.
4. Specify shank diameter (if needed).

Example:

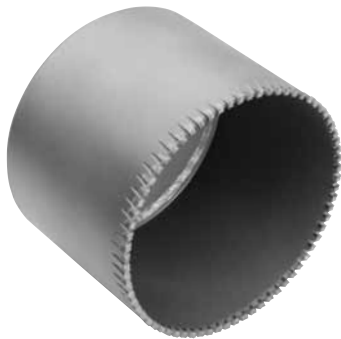
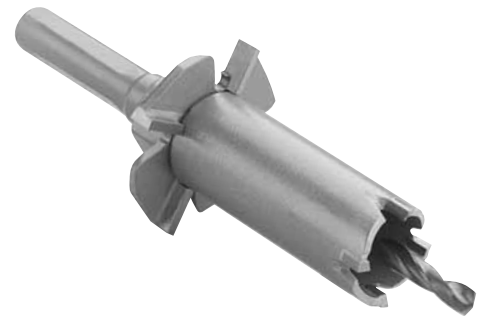
4 1/2" x 10" Wood Cut with 1 1/4-7 threads for diamond drill rig.



TO FIT DIAMOND DRILL RIGS



BACK HOLESAWS



FOR HOT PIPE TAPPING

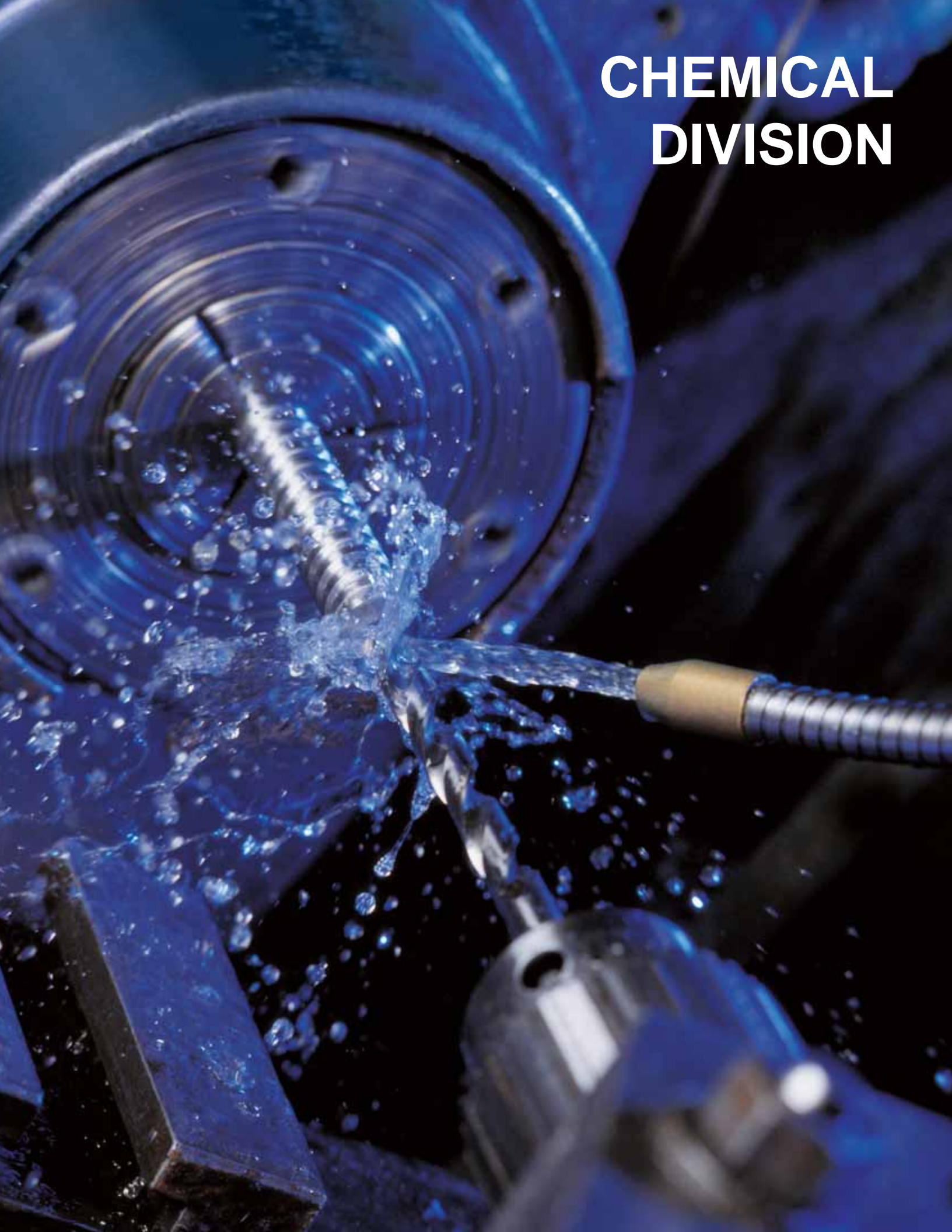


DEEP-HOLE
METAL-CUTTING



FOR PLASTIC PIPE TAPPING

CHEMICAL DIVISION



METAL-CUTTING FLUIDS



All-Metal Cutting Fluid and Paste



- Greatly extended tool life
- Super-fine machined finish in operation after operation
- Anti-mist protection for a healthier work environment
- No special labeling or reporting
- Excels in tough materials
- Contains no 1,1,1- trichloroethane or other ozone-depleting chemicals

NEW RAPID TAP

PART #	DESCRIPTION	CASE QTY	LIST PRICE		CASE/DRUM WEIGHT† (LBS.)
			CAN	CASE/DRUM	
04Z-NRT	4 Ounce Cans	24	\$ 2.50	\$ 60.00	10
PNT-NRT	Pint Cans	12	7.75	93.00	17
01G-NRT	1 Gallon Cans	4	44.00	176.00	40
05G-NRT	5 Gallon Pail	1		209.00	49
55G-NRT	55 Gallon Drum			1,529.00	522

NEW RAPID TAP PASTE

08Z-NRTP	8 Ounce Jar	12	\$8.75	\$105.00	9
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Aluminum-Cutting Fluid



- Eases all operations on aluminum: milling, broaching, drilling, threading, tapping, reaming, sawing, etc.
- Contains anti-mist component for a healthier work environment
- Contains a scientific blend of chemicals that attach themselves to aluminum surfaces, forming an extreme-pressure boundary lubricant between tool and work surface

PART #	DESCRIPTION	CASE QTY	LIST PRICE		CASE/DRUM WEIGHT† (LBS.)
			CAN	CASE/DRUM	
04Z-A9	4 Ounce Cans	24	\$ 2.50	\$ 60.00	9
PNT-A9	Pint Cans	12	7.75	93.00	15
01G-A9	1 Gallon Bottles	4	44.00	176.00	34
05G-A9	5 Gallon Pail	1		209.00	43
55G-A9	55 Gallon Drum			1,529.00	460

† Shipping weights are approximate and rounded to the nearest pound.

METAL-CUTTING FLUIDS



Metal-Cutting Fluid*



- Option 1 leaves no oily residue
- Water-based
- No 1,1,1- trichloroethane or other ozone-depleting chemicals
- Cleans up with clean dry cloth or water
- Great for use in computer clean rooms, hospitals or when a weld operation follows machining operations

PART #	DESCRIPTION	CASE QTY	LIST PRICE		CASE/DRUM WEIGHT† (LBS.)
			CAN	CASE/DRUM	
04Z-OP	4 Ounce Bottles	24	\$ 2.50	\$ 60.00	9
PNT-OP	Pint Bottles	12	7.75	93.00	15
01G-OP	1 Gallon Bottles	4	44.00	176.00	38
05G-OP	5 Gallon Pail	1		209.00	48
55G-OP	55 Gallon Drum			1,529.00	521

*Not for use on metals that are water reactive, such as magnesium

SEMI-SYNTHETIC BAND-SAW FLUID

REL SAW™ BAND-SAW FLUID CONCENTRATE



- Improves blade life
- Stable over a wide variety of water conditions
- Promotes cleaner-running machines compared to soluble oils
- Reduces machine wear
- Long emulsion life
- Contains rust and corrosion inhibitors
- Fortified with boundary lubricants

PART #	DESCRIPTION	CASE QTY	LIST PRICE		CASE/DRUM WEIGHT† (LBS.)
			CAN	CASE/DRUM	
01G-RS	1 Gallon Bottles	4	\$25.50	\$102.00	38
05G-RS	5 Gallon Pail	1		109.00	45
55G-RS	55 Gallon Drum			968.00	422

† Shipping weights are approximate and rounded to the nearest pound.

EMPTY SPRAY BOTTLES



Spray bottles may be used in the application of :

New Rapid Tap **TCO-14** **Option-1**
A-9 **TCO-16** **Air-FLO**

Sold by the case only

PART NO.	DESCRIPTION	QTY PER CASE	LIST PRICE EACH	LIST PRICE CASE	WT.† (lbs)
EB-12	32 Ounce Trigger-Spray Bottle	12	\$2.00	\$24.00	4

† Shipping weights are approximate and rounded to the nearest pound.

LUBRICATING STICK WAX

STICK-KUT™ LUBRICATING STICK WAX

- Safe and effective lubricant for grinding wheels, sanding belts and saw blades
- Eliminates heat build up and belt loading
- Extends wheel life
- Provides smooth, cool cutting
- Reduces loading, stops binding, and prevents burring



PART #	DESCRIPTION	CASE QTY	LIST PRICE		CASE WEIGHT† (LBS.)
			Each	CASE	
15-SK	15 oz Stick	12	\$8.50	\$102.00	12

CUTTING OILS

TCO-14™ Dark

- Ready to cut clean, smooth threads on all pipe materials
- Extreme-pressure additive for anti-weld characteristics
- Excellent protection of tools and machined parts against corrosion
- Contains anti-mist component for a healthier work environment

Thread-Cutting Oil

PART #	DESCRIPTION	CASE QTY	LIST PRICE		CASE/DRUM WEIGHT† (LBS.)
			CAN	CASE/DRUM	
01G-TCO14	1 Gallon Bottles	4	\$18.25	\$ 73.00	35
05G-TCO14	5 Gallon Pail	1		81.00	40
55G-TCO14	55 Gallon Drum			572.00	463



TCO-16™ Light

- Operationally interchangeable with TCO-14 (Dark)

Thread-Cutting Oil

PART #	DESCRIPTION	CASE QTY	LIST PRICE		CASE/DRUM WEIGHT† (LBS.)
			CAN	CASE/DRUM	
01G-TCO16	1 Gallon Bottles	4	\$18.25	\$ 73.00	35
05G-TCO16	5 Gallon Pail	1		81.00	40
55G-TCO16	55 Gallon Drum			572.00	463



† Shipping weights are approximate and rounded to the nearest pound.

LUBRICATING OILS

Air-FLO[®] AIR TOOL OIL



For piston-driven & rotary air tools

AIR-FLO Air Tool Oil incorporates both the latest technology and finest materials to produce a premium air-tool oil. Manufactured from solvent-refined, hydro-treated paraffinic base stocks, AIR-FLO is fortified with additives to provide anti-wear, extreme-pressure, oxidation-resistance, anti-rust and foam-protection qualities.

- Superior oxidation stability
- Resistance to formation of gums, sludges, and deposits
- Anti-wear fortified for extended life, lower maintenance
- Protection against rust and corrosion
- Excellent seal compatibility
- Metal-wetting properties
- Dirt particles held in suspension
- Contaminants flushing
- 10wt non-detergent

PART #	DESCRIPTION	CASE QTY	LIST PRICE		CASE/DRUM WEIGHT† (LBS.)
			CAN	CASE/DRUM	
04Z-AF	4 Ounce Bottles	24	\$ 4.00	\$ 96.00	8
PNT-AF	Pint Bottles	12	5.50	66.00	14
01G-AF	1 Gallon Bottles	4	16.50	66.00	32
55G-AF	55 Gallon Drum			715.00	441

WINTER GRADE FORMULA (Pour point -45°)

QRT-AFW	Quart Bottles	12	\$ 20.00	\$ 240.00	25
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REL-AIR[™] Compressor Oil



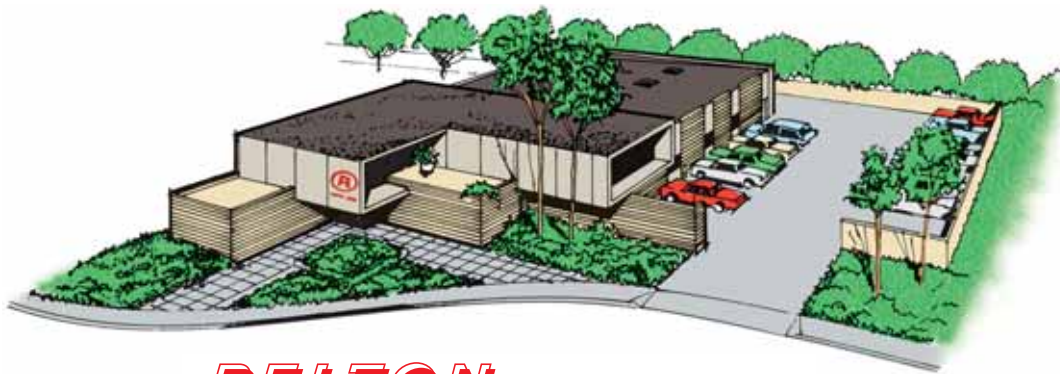
For use with: Sliding vane, screw, centrifugal, and reciprocating air compressors.

REL-AIR Compressor Oil incorporates both the latest technology and finest materials to produce premium non-detergent compressor oil. Compounded from high-quality, solvent-refined, low-carbon, naphthenic stocks, REL-AIR is fortified with oxidation and corrosion inhibitors and is completely ashless.

- Base stock selected to minimize carbon deposits
- Remains stable over long periods of time
- Minimizes rust or corrosion
- Viscosity selected to meet many compressor manufacturers' requirements
- Reduces sludge
- Eliminates chatter

PART #	DESCRIPTION	CASE QTY	LIST PRICE		CASE/DRUM WEIGHT† (LBS.)
			Each	CASE/DRUM	
QRT-RA	Quart Bottles	12	\$ 6.50	\$78.00	23
01G-RA	1-Gallon Bottles	4	19.50	78.00	30

† Shipping weights are approximate and rounded to the nearest pound.



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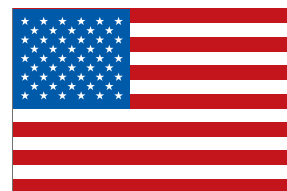
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