



Made in the U.S.A. for 65 years.



ARCADIA, CALIFORNIA, U.S.A.



R-11

RELTON CORPORATION

RELTON STORY

In 2011, Relton will mark 65 years in business; we began in 1946 as the Ter-mite 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 cutters** 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 65 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. Weights are for product. Boxes and packing material are not included, so do not use to calculate actual shipping weight.

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: Warranty for breakage is limited to Relton discretion—see page 20 for bit life suggestions. No other guarantee, written or verbal, is authorized.

Please return the tool alleged to be defective, transportation prepaid, to:
Relton Corporation
317 Rolyln 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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Relton Corporation on the Internet

web page www.relton.com

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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.
5/32"	4 1/2"	2 1/2"	207-1-4	\$ 13.00	0.1	2.5	
5/32"	6"	4"	207-1-6	13.00	0.1	2.5	
5/32"	8"	6"	207-1-8	14.00	0.1	2.5	
3/16"	4 1/2"	2 1/2"	207-3-4	7.00	0.1	2.5	
3/16"	6"	4"	207-3-6	8.00	0.1	2.5	
3/16"	8"	6"	207-3-8	10.00	0.1	2.5	
3/16"	10"	8"	207-3-10	20.00	0.2	5	
3/16"	14"	12"	207-3-14*	28.00	0.2	-	
3/16"	20"	18"	207-3-20*	30.00	0.3	-	
7/32"	6"	4"	207-2-6	10.00	0.1	2.5	
7/32"	10"	8"	207-2-10	21.00	0.3	7.5	
7/32"	16"	14"	207-2-16*	30.00	0.5	-	
7/32"	20"	18"	207-2-20*	33.00	0.2	-	
1/4"	4"	2"	207-4-4	7.00	0.1	2.5	
1/4"	6"	4"	207-4-6	8.00	0.1	2.5	
1/4"	8"	6"	207-4-8	10.00	0.2	5	
1/4"	10"	8"	207-4-10	17.00	0.3	7.5	
1/4"	14"	12"	207-4-14*	22.00	0.3	-	
1/4"	20"	18"	207-4-20*	25.00	0.4	-	
1/4"	26"	24"	207-4-26*	35.00	0.5	-	
9/32"	8"	6"	207-4.5-8	18.00	0.3	7.5	
5/16"	6"	4"	207-5-6	11.00	0.2	5	
5/16"	10"	8"	207-5-10	19.00	0.3	7.5	
5/16"	14"	12"	207-5-14*	22.00	0.3	-	
3/8"	6"	4"	207-6-6	10.00	0.2	5	
3/8"	10"	8"	207-6-10	19.00	0.3	7.5	
3/8"	14"	12"	207-6-14*	23.00	0.4	-	
3/8"	18"	16"	207-6-18*	34.00	0.5	-	
3/8"	25"	22"	207-6-25*	51.00	0.7	-	
3/8"	38"	36"	207-6-38*	225.00	1.0	-	
7/16"	6"	4"	207-7-6	19.00	0.3	7.5	
7/16"	12"	10"	207-7-12*	23.00	0.5	-	
1/2"	6"	4"	207-8-6	12.00	0.3	7.5	
1/2"	10"	8"	207-8-10	25.00	0.4	10	
1/2"	14"	12"	207-8-14*	31.00	0.6	-	
1/2"	18"	16"	207-8-18*	40.00	0.8	-	
1/2"	25"	22"	207-8-25*	52.00	0.9	-	
1/2"	38"	36"	207-8-38*	241.00	1.3	-	
9/16"	6"	4"	207-9-6	22.00	0.3	7.5	
9/16"	12"	10"	207-9-12*	32.00	0.6	-	
9/16"	18"	16"	207-9-18*	46.00	0.8	-	
9/16"	25"	22"	207-9-25*	56.00	1.0	-	
5/8"	8"	6"	207-10-8	22.00	0.5	12.5	
5/8"	14"	12"	207-10-14*	42.00	0.8	-	
5/8"	18"	16"	207-10-18*	56.00	0.9	-	
5/8"	25"	22"	207-10-25*†	65.00	1.3	-	
11/16"	10"	8"	207-11-10*	50.00	0.6	-	
11/16"	25"	22"	207-11-25*†	76.00	1.5	-	
3/4"	8"	6"	207-12-8	39.00	0.6	15	
3/4"	14"	12"	207-12-14*	50.00	1.0	-	
3/4"	18"	16"	207-12-18*	64.00	1.3	-	
3/4"	25"	22"	207-12-25*†	110.00	1.7	-	
13/16"	14"	12"	207-13-14*	75.00	1.4	-	
27/32"	8"	6"	207-13A-8*	64.00	0.8	-	
7/8"	8"	6"	207-14-8*	62.00	0.8	-	
7/8"	14"	12"	207-14-14*	69.00	1.4	-	
7/8"	18"	16"	207-14-18*	78.00	1.7	-	
1"	8"	6"	207-16-8*	64.00	1.0	-	
1"	14"	12"	207-16-14	75.00	2.0	-	
1"	18"	16"	207-16-18*	85.00	2.3	-	
1"	25"	22"	207-16-25*†	127.00	2.8	-	
1 1/8"	8"	6"	207-18-8*	69.00	1.3	-	
1 1/8"	18"	16"	207-18-18*	87.00	3.0	-	

† While Supplies Last

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	\$ 33.00	0.5
5/8"	14"	12"	P207-10-14	53.00	0.7
5/8"	18"	16"	P207-10-18	67.00	0.8
5/8"	25"	22"	P207-10-25	79.00	1.1
5/8"	38"	36"	P207-10-38	252.00	2.0
11/16"	25"	22"	P207-11-25	91.00	1.3
3/4"	8"	6"	P207-12-8	50.00	0.6
3/4"	14"	12"	P207-12-14	61.00	1.0
3/4"	18"	16"	P207-12-18	75.00	1.2
3/4"	25"	22"	P207-12-25	127.00	1.7
3/4"	38"	36"	P207-12-38	262.00	2.2
7/8"	8"	6"	P207-14-8	73.00	0.7
7/8"	14"	12"	P207-14-14	80.00	1.3
7/8"	18"	16"	P207-14-18	89.00	1.8
7/8"	38"	36"	P207-14-38	302.00	2.8
1"	8"	6"	P207-16-8	75.00	1.0
1"	18"	16"	P207-16-18	97.00	2.0
1"	25"	22"	P207-16-25	144.00	3.0
1"	38"	36"	P207-16-38	365.00	3.6
1 1/8"	8"	6"	P207-18-8	80.00	1.1
1 1/8"	18"	16"	P207-18-18	98.00	2.0

SDS+ 5-PIECE DRILL SETS



Refillable Case

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

PART NO.	LIST PRICE	WT. (lbs)
SDS+ 207-K5	\$52.00	0.8
Groo-V TIP SDS+ S207-K5	\$63.00	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	\$ 15.00	0.1		2.5
5/32"	6"	4"	S207-1-6	15.00	0.1		2.5
5/32"	8"	6"	S207-1-8	17.00	0.1		2.5
3/16"	4 1/2"	2 1/2"	S207-3-4	9.00	0.1		2.5
3/16"	6"	4"	S207-3-6	10.00	0.1		2.5
3/16"	8"	6"	S207-3-8	12.00	0.1		2.5
3/16"	10"	8"	S207-3-10	22.00	0.2		5
3/16"	14"	12"	S207-3-14*	30.00	0.2		-
7/32"	6"	4"	S207-2-6	12.00	0.1		2.5
7/32"	10"	8"	S207-2-10	23.00	0.3		7.5
7/32"	16"	14"	S207-2-16*	32.00	0.5		-
1/4"	4"	2"	S207-4-4	9.00	0.1		2.5
1/4"	6"	4"	S207-4-6	10.00	0.1		2.5
1/4"	8"	6"	S207-4-8	12.00	0.2		5
1/4"	10"	8"	S207-4-10	19.00	0.3		7.5
1/4"	14"	12"	S207-4-14*	24.00	0.3	25	-
1/4"	20"	18"	S207-4-20*	28.00	0.4		-
5/16"	6"	4"	S207-5-6	13.00	0.2	P	5
5/16"	10"	8"	S207-5-10	21.00	0.3	E	7.5
5/16"	14"	12"	S207-5-14*	25.00	0.3	R	-
3/8"	6"	4"	S207-6-6	12.00	0.2		5
3/8"	10"	8"	S207-6-10	21.00	0.3	S	7.5
3/8"	14"	12"	S207-6-14*	26.00	0.4	I	-
3/8"	18"	16"	S207-6-18*	36.00	0.5	Z	-
3/8"	25"	22"	S207-6-25*	53.00	0.7	E	-
7/16"	6"	4"	S207-7-6	21.00	0.3		7.5
7/16"	12"	10"	S207-7-12*	26.00	0.5		-
1/2"	6"	4"	S207-8-6	14.00	0.3		7.5
1/2"	10"	8"	S207-8-10	28.00	0.4		10
1/2"	14"	12"	S207-8-14*	33.00	0.6		-
1/2"	18"	16"	S207-8-18*	42.00	0.8		-
1/2"	25"	22"	S207-8-25*	54.00	0.9		-
9/16"	6"	4"	S207-9-6	25.00	0.3		7.5
9/16"	12"	10"	S207-9-12*	34.00	0.6		-
9/16"	18"	16"	S207-9-18*	50.00	0.8		-
9/16"	25"	22"	S207-9-25*	58.00	1.0		-
5/8"	8"	6"	S207-10-8	25.00	0.5		12.5
5/8"	14"	12"	S207-10-14*	44.00	0.8		-
5/8"	18"	16"	S207-10-18*	58.00	0.9		-
11/16"	10"	8"	S207-11-10*	52.00	0.6		-
3/4"	8"	6"	S207-12-8	41.00	0.6		15
3/4"	14"	12"	S207-12-14*	52.00	1.0		-
3/4"	18"	16"	S207-12-18*	66.00	1.3		-
27/32"	8"	6"	S207-13A-8*	66.00	0.8		-
7/8"	8"	6"	S207-14-8*	64.00	0.8		-
7/8"	14"	12"	S207-14-14*	73.00	1.4		-
7/8"	18"	16"	S207-14-18*	80.00	1.7		-
1"	8"	6"	S207-16-8*	66.00	1.0		-
1"	18"	16"	S207-16-18*	88.00	2.3		-
1 1/8"	8"	6"	S207-18-8*	73.00	1.3		-
1 1/8"	18"	16"	S207-18-18*	89.00	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+	\$ 105.00	1.4

SPLINE SHANK

PART NO.	DESCRIPTION	LIST PRICE	WT. (lbs)
QL-202	Spline Drive to SDS+	\$ 99.00	1.4

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



FEATURES / BENEFITS

- Shoulder prevents over drilling - nice when overhead
- No lost time or energy drilling deeper than necessary
- Less likely to hit reinforcing steel or post - tensioned cable in concrete
- Anchor is set at specified depth, does not drop too far into hole

DIAMETER	DRILL DEPTH	RELTON PART NO.	LIST PRICE	WT. (lbs)
1/4"	13/16"	207STP-4-13	\$24.00	0.08
3/8"	11/16"	207STP-6-11	22.00	0.10
3/8"	1-1/16"	207STP-6-17	22.50	0.12
1/2"	13/16"	207STP-8-13	24.50	0.16
1/2"	1-11/16"	207STP-8-27	25.00	0.20
5/8"	1-3/16"	207STP-10-19	28.50	0.22
5/8"	2-1/16"	207STP-10-33	29.00	0.24

HAMMER BITS – SDS-max® SHANK



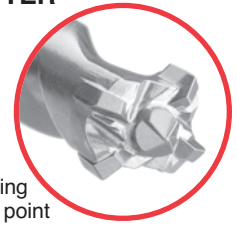
SINGLE CUTTER

POINT DIA.	OVERALL LENGTH	DRILLING DEPTH	PART NO.	LIST PRICE	WT. (lbs)	BULK	
						QTY	WT (lbs)
3/8"	10"	4"	MX-6-10	\$ 56.00	0.8		8
3/8"	14"	8"	MX-6-14	57.00	0.8		8
3/8"	18"	12"	MX-6-18	64.00	0.9		9
7/16"	14"	8"	MX-7-14	57.00	0.8		8
1/2"	14"	8"	MX-8-14	57.00	0.9		9
1/2"	18"	12"	MX-8-18	64.00	1.1		11
1/2"	22"	16"	MX-8-22	80.00	1.2		12
1/2"	28"	22"	MX-8-28*	87.00	1.4		-
1/2"	42"	36"	MX-8-42*	170.00	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*	63.00	1.0		-
9/16"	18"	12"	MX-9-18*	72.00	1.1		-
9/16"	22"	16"	MX-9-22*	85.00	1.3		-
9/16"	28"	22"	MX-9-28*	105.00	1.5		-
5/8"	14"	8"	MX-10-14	63.00	1.1		11
5/8"	18"	12"	MX-10-18	73.00	1.3		13
5/8"	22"	16"	MX-10-22	91.00	1.4		14
5/8"	28"	22"	MX-10-28*	108.00	1.6		-
11/16"	14"	8"	MX-11-14	65.00	1.1		11
11/16"	22"	16"	MX-11-22	95.00	1.6		16
3/4"	14"	8"	MX-12-14	68.00	1.2		12
3/4"	18"	12"	MX-12-18	81.00	1.5		15
3/4"	22"	16"	MX-12-22	95.00	1.7		17
3/4"	28"	22"	MX-12-28*	130.00	2.0		-
13/16"	14"	8"	MX-13-14*	105.00	1.3		-
13/16"	22"	16"	MX-13-22*	123.00	1.9		-
27/32"	14"	8"	MX-13A-14*	105.00	1.3		-
27/32"	22"	16"	MX-13A-22*	123.00	1.9		-
7/8"	14"	8"	MX-14-14*	72.00	1.4		14
7/8"	18"	12"	MX-14-18*	87.00	1.8		18
7/8"	22"	16"	MX-14-22*	102.00	2.1		21
7/8"	28"	22"	MX-14-28*	129.00	2.6		-
1"	14"	8"	MX-16-14*	79.00	1.7		17
1"	18"	12"	MX-16-18*	95.00	2.2		22
1"	22"	16"	MX-16-22*	118.00	2.6		26
1"	28"	22"	MX-16-28*	132.00	3.1		-
1 1/8"	14"	8"	MX-18-14*	98.00	1.9		-
1 1/8"	22"	16"	MX-18-22*	121.00	3.1		-
1 1/8"	28"	22"	MX-18-28*	169.00	3.9		-
1 1/4"	14"	8"	MX-20-14*	113.00	2.3		-
1 1/4"	22"	16"	MX-20-22*	139.00	3.6		-
1 1/4"	28"	22"	MX-20-28*	195.00	4.3		-
1 3/8"	22"	16"	MX-22-22*	162.00	4.1		-
1 1/2"	14"	8"	MX-24-14*	134.00	2.9		-
1 1/2"	22"	16"	MX-24-22*	190.00	4.8		-
1 1/2"	28"	22"	MX-24-28*	292.00	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	\$ 66.00	1.1
5/8"	18"	12"	PMX-10-18	77.00	1.3
5/8"	22"	16"	PMX-10-22	97.00	1.4
5/8"	32"	26"	PMX-10-32	144.00	1.8
5/8"	42"	36"	PMX-10-42	184.00	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	73.00	1.2
3/4"	18"	12"	PMX-12-18	86.00	1.5
3/4"	22"	16"	PMX-12-22	100.00	1.7
3/4"	32"	26"	PMX-12-32	153.00	2.3
3/4"	42"	36"	PMX-12-42	195.00	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	76.00	1.4
7/8"	18"	12"	PMX-14-18	91.00	1.8
7/8"	22"	16"	PMX-14-22	108.00	2.1
7/8"	32"	26"	PMX-14-32	171.00	2.9
7/8"	42"	36"	PMX-14-42	222.00	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	84.00	1.7
1"	18"	12"	PMX-16-18	100.00	2.2
1"	22"	16"	PMX-16-22	124.00	2.6
1"	32"	26"	PMX-16-32	199.00	3.5
1"	42"	36"	PMX-16-42	260.00	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	103.00	1.9
1 1/8"	22"	16"	PMX-18-22	128.00	3.1
1 1/8"	32"	26"	PMX-18-32	220.00	4.2
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	120.00	2.3
1 1/4"	22"	16"	PMX-20-22	146.00	3.6
1 1/4"	32"	26"	PMX-20-32	234.00	5.1
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	171.00	4.1
1 3/8"	32"	26"	PMX-22-32	279.00	5.9
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	142.00	2.9
1 1/2"	22"	16"	PMX-24-22	200.00	4.8
1 1/2"	32"	26"	PMX-24-32	308.00	7.1
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



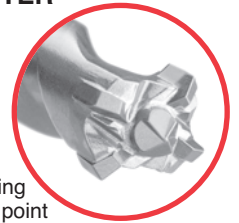
SINGLE CUTTER

POINT DIA.	OVERALL LENGTH	DRILLING DEPTH	PART NO.	LIST PRICE	WT. (lbs)	BULK	
						QTY	WT. (lbs)
3/8"	10"	4"	202-6-10	\$ 50.00	0.8	8	
3/8"	14"	8"	202-6-14	51.00	0.8	8	
3/8"	18"	12"	202-6-18	57.00	0.9	9	
7/16"	14"	8"	202-7-14	51.00	0.8	8	
1/2"	14"	8"	202-8-14	51.00	1.0	10	
1/2"	18"	12"	202-8-18	57.00	1.1	11	
1/2"	22"	16"	202-8-22	72.00	1.2	12	
1/2"	28"	22"	202-8-28*	87.00	1.4	-	
1/2"	42"	36"	202-8-42*	156.00	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*	56.00	1.0	-	
9/16"	18"	12"	202-9-18*	63.00	1.1	-	
9/16"	22"	16"	202-9-22*	76.00	1.3	-	
9/16"	28"	22"	202-9-28*	92.00	1.5	-	
5/8"	14"	8"	202-10-14	56.00	1.1	11	
5/8"	18"	12"	202-10-18	64.00	1.3	13	
5/8"	22"	16"	202-10-22	81.00	1.4	14	
5/8"	28"	22"	202-10-28*	97.00	1.6	-	
11/16"	14"	8"	202-11-14	58.00	1.1	11	
11/16"	22"	16"	202-11-22	84.00	1.6	16	
3/4"	14"	8"	202-12-14	61.00	1.2	12	
3/4"	18"	12"	202-12-18	73.00	1.5	15	
3/4"	22"	16"	202-12-22	84.00	1.8	18	
3/4"	28"	22"	202-12-28*	116.00	2.0	-	
13/16"	14"	8"	202-13-14*	92.00	1.3	-	
13/16"	22"	16"	202-13-22*	109.00	1.9	-	
27/32"	14"	8"	202-13A-14*	92.00	1.3	-	
27/32"	22"	16"	202-13A-22*	109.00	1.9	-	
7/8"	14"	8"	202-14-14*	63.00	1.4	14	
7/8"	18"	12"	202-14-18*	78.00	1.8	18	
7/8"	22"	16"	202-14-22*	90.00	2.1	21	
7/8"	28"	22"	202-14-28*	114.00	2.6	-	
1"	14"	8"	202-16-14*	69.00	1.7	17	
1"	18"	12"	202-16-18*	84.00	2.2	22	
1"	22"	16"	202-16-22*	105.00	2.6	26	
1"	28"	22"	202-16-28*	118.00	3.1	-	
1 1/8"	14"	8"	202-18-14*	87.00	1.9	-	
1 1/8"	22"	16"	202-18-22*	107.00	3.1	-	
1 1/8"	28"	22"	202-18-28*	151.00	3.9	-	
1 1/4"	14"	8"	202-20-14*	101.00	2.3	-	
1 1/4"	22"	16"	202-20-22*	124.00	3.6	-	
1 1/4"	28"	22"	202-20-28*	174.00	4.3	-	
1 3/8"	22"	16"	202-22-22*	145.00	4.1	-	
1 1/2"	14"	8"	202-24-14*	120.00	2.9	-	
1 1/2"	22"	16"	202-24-22*	169.00	4.8	-	
1 1/2"	28"	22"	202-24-28*	261.00	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	\$ 64.00	1.1
5/8"	18"	12"	P202-10-18	74.00	1.3
5/8"	22"	16"	P202-10-22	92.00	1.4
5/8"	32"	26"	P202-10-32	142.00	1.8
5/8"	42"	36"	P202-10-42	179.00	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	69.00	1.2
3/4"	18"	12"	P202-12-18	83.00	1.5
3/4"	22"	16"	P202-12-22	97.00	1.8
3/4"	32"	26"	P202-12-32	150.00	2.3
3/4"	42"	36"	P202-12-42	189.00	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	73.00	1.4
7/8"	18"	12"	P202-14-18	89.00	1.8
7/8"	22"	16"	P202-14-22	105.00	2.1
7/8"	32"	26"	P202-14-32	166.00	3.0
7/8"	42"	36"	P202-14-42	215.00	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	80.00	1.7
1"	18"	12"	P202-16-18	97.00	2.2
1"	22"	16"	P202-16-22	120.00	2.6
1"	32"	26"	P202-16-32	194.00	3.6
1"	42"	36"	P202-16-42	254.00	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	100.00	1.9
1 1/8"	22"	16"	P202-18-22	123.00	3.1
1 1/8"	32"	26"	P202-18-32	215.00	4.2
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	116.00	2.3
1 1/4"	22"	16"	P202-20-22	143.00	3.6
1 1/4"	32"	26"	P202-20-32	228.00	5.1
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	167.00	4.1
1 3/8"	32"	26"	P202-22-32	272.00	5.8
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	136.00	2.9
1 1/2"	22"	16"	P202-24-22	195.00	4.8
1 1/2"	32"	26"	P202-24-32	300.00	7.1
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, 16, 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*	\$ 37.00 50.00	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*	\$ 42.00 50.00	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*	\$ 53.00 58.00	0.9 1.2
1/2" X 1" HEX 	SK17A	\$ 59.00	0.7
7/16" X 1 5/16" HEX 	25A	\$ 57.00	0.9
9/16" X 1 1/4" HEX 	201A 201B*	\$ 54.00 61.00	0.8 0.9
3/8" X 1 1/4" HEX 	706A	\$ 54.00	0.7
7/16" X 1 5/8" HEX 	726A 726B*	\$ 54.00 62.00	0.8 0.9
3/4" X 3 1/4" HEX 	736B*	\$ 89.00	1.9
HILTI HEX 	H65B*	\$ 89.00	1.0
9/16" X 2 3/8" HEX 	728A 728B*	\$ 54.00 62.00	1.1 0.9
7/16" X 1 13/16" HEX 	717A	\$ 54.00	0.9
KANGO HEX 	950B*	\$ 62.00	1.4
TRI-FLAT 	64A 64B*	\$ 54.00 61.00	1.1 1.1
3/4" X 3 1/2" HEX 	110B*	\$ 67.00	1.6
PNEUMATIC 	CP-9A CP-9B*	\$ 59.00 64.00	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	\$12.00	0.1
3/16"	6 1/2"	4"	A-3-6	13.00	0.1
1/4"	4 3/4"	2"	A-4-4	13.00	0.1
1/4"	6 1/2"	4"	A-4-6	14.00	0.1
1/4"	8 3/4"	6"	A-4-8	18.00	0.2
1/4"	12 3/4"	10"	A-4-12	30.00	0.3
5/16"	5 1/4"	2 3/4"	A-5-5	17.00	0.1
5/16"	6 3/4"	4"	A-5-6	18.00	0.2
3/8"	6"	3 1/2"	A-6-6	15.00	0.3
3/8"	8 3/4"	6"	A-6-8	19.00	0.3
3/8"	11 3/4"	9"	A-6-11	21.00	0.4
3/8"	14 3/4"	12"	A-6-14	29.00	0.4
3/8"	20"	18"	A-6-20*	36.00	0.6
7/16"	8 1/2"	6"	A-7-8*	30.00	0.3
1/2"	6"	3 1/2"	A-8-6	20.00	0.3
1/2"	9"	6 1/2"	A-8-9	23.00	0.3
1/2"	11 1/4"	9"	A-8-11	28.00	0.4
1/2"	14 1/2"	12"	A-8-14	35.00	0.6
9/16"	9"	6 1/2"	A-9-9	29.00	0.4
5/8"	9"	6 1/2"	A-10-9	32.00	0.5
5/8"	12"	9"	A-10-12*	37.00	0.6
5/8"	15"	12"	A-10-15	43.00	0.8
11/16"	9"	6 1/2"	A-11-9*	37.00	0.6
3/4"	9"	6 1/2"	A-12-9	40.00	0.6
3/4"	15"	12"	A-12-15	59.00	1.0
27/32"	9"	6 1/2"	A-13A-9*	68.00	0.8
7/8"	9"	6 1/2"	A-14-9*	69.00	0.9
7/8"	19"	16"	A-14-19*	96.00	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*	\$ 41.00	0.4
1/2"	19"	16"	B-8-19*	43.00	0.8
9/16"	9"	6"	B-9-9*	45.00	0.4
9/16"	19"	16"	B-9-19*	55.00	0.9
5/8"	9"	6"	B-10-9*	45.00	0.6
5/8"	19"	16"	B-10-19*	73.00	1.0
11/16"	9"	6"	B-11-9*	67.00	0.6
3/4"	9"	6"	B-12-9*	55.00	0.7
3/4"	19"	16"	B-12-19*	81.00	1.4
7/8"	9"	6"	B-14-9*	84.00	0.9
1"	9"	6"	B-16-9*	98.00	1.1
1"	19"	16"	B-16-19*	111.00	2.1



Drift Key

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

* While Supplies Last

FORGED HAMMER TOOLS



SCALING CHISELS



- removing scale, rust and concrete spatter

Shank Style	Description	Part No.	List Price	Wt. (lbs)
SPLINE	12" OAL X 2"	SC-12S	\$42.00	1.6
	12" OAL X 3"	SC-312S	69.00	2.3
	18" OAL X 2"	SC-18S	46.00	2.4
SDS-max	12" OAL X 2"	SC-12MX	45.00	1.6
	12" OAL x 3"	SC-312MX	69.00	2.5
	18" OAL X 2"	SC-18MX	51.00	2.4
	18" OAL X 3"	SC-318MX	86.00	2.3
	24" OAL X 2"	SC-24MX	105.00	2.6
	36" OAL X 2"	SC-36MX	122.00	4.0
SDS+	10" OAL X 1 1/2"	SC-12DS	42.00	0.8
	12" OAL X 2"	SC-12HX	41.00	1.6
3/4" Hex	12" OAL X 3"	SC-312HX	44.00	2.5

COLD CHISELS



- edging, chipping and channeling concrete, masonry or brick

Shank Style	Description	Part No.	List Price	Wt. (lbs)
SPLINE	12" OAL X 1"	CC-12S	\$23.00	1.4
	18" OAL X 1"	CC-18S	32.00	2.3
SDS-max	12" OAL X 1"	CC-12MX	30.00	1.4
	18" OAL X 1"	CC-18MX	35.00	2.3
	24" OAL X 1"	CC-24MX	79.00	2.6
	36" OAL X 1"	CC-36MX	98.00	3.8
SDS+	10" OAL X 3/4"	CC-12DS	31.00	0.8
3/4" Hex	12" OAL X 1"	CC-12HX	22.00	1.4
	18" OAL X 1"	CC-18HX	29.00	2.3

BULL POINTS or MOIL POINTS



- breaking up concrete, brick, asphalt, etc.
- light demolition applications
- starting holes in concrete slabs

Shank Style	Description	Part No.	List Price	Wt. (lbs)
SPLINE	12" OAL	BP-12S	\$23.00	1.4
	18" OAL	BP-18S	32.00	2.3
SDS-max	12" OAL	BP-12MX	28.00	1.4
	18" OAL	BP-18MX	33.00	2.3
	24" OAL	BP-24MX	79.00	2.6
	36" OAL	BP-36MX	98.00	3.9
SDS+	10" OAL	BP-12DS	31.00	0.8
3/4" Hex	12" OAL	BP-12HX	22.00	1.4
	18" OAL	BP-18HX	29.00	2.3

BUSHING TOOLS



- roughing concrete surface prior to applying a surface finish
- concrete surface removal to produce a rough exterior finish

Shank Style	Description	Part No.	List Price	Wt. (lbs)
SPLINE	1 pc Bushing Tool	BT-16S	\$110.00	2.6
SDS-max	1 pc Bushing Tool	BT-16MX	114.00	2.6
3/4" Hex	1 pc Bushing Tool	BT-16HX	110.00	2.6
	16 Pt. Bushing Head	BH-16	46.00	1.1
SPLINE	Bushing Head Shk	BS-8S	25.00	1.0
SDS-max	Bushing Head Shk	BS-8MX	30.00	1.0
3/4" Hex	Bushing Head Shk	BS-8HX	25.00	1.0

SLOTING CHISELS



- slotting in concrete and masonry
- breaking web between predrilled holes in concrete to make large opening

Shank Style	Description	Part No.	List Price	Wt. (lbs)
SPLINE	12" OAL X 1 1/8"	CR-12S	\$46.00	1.3
SDS-max	12" OAL X 1 1/8"	CR-12MX	52.00	1.3

CARBIDE BUSHING TOOLS



SPLINE	1 pc Bushing Tool	BT-25CS*	\$330.00	3.0
SDS-max	1 pc Bushing Tool	BT-25CMX*	336.00	3.0
3/4" Hex	1 pc Bushing Tool	BT-25CHX*	330.00	3.0

* Carbide Bushing Tools have 25 carbide points

MORTAR CHISELS



- cleaning out old mortar between bricks and masonry prior to tuck pointing or caulking
- cutting narrow channels

Shank Style	Description	Part No.	List Price	Wt. (lbs)
SPLINE	15" OAL X 1 1/8"	MC-15S	\$44.00	1.6
SDS-max	15" OAL X 1 1/8"	MC-15MX	51.00	1.6

CLAY SPADE



- Digging clay, dirt, hard-packed gravel, shale, etc.

Shank Style	Description	Part No.	List Price	Wt. (lbs)
SPLINE	4 1/2" X 5 1/2" X 15 1/2"	CS-S	\$135.00	4.8
3/4" Hex	4 1/2" X 6" X 17"	CS-HX	112.00	4.2
SDS-max	4 1/2" X 5 1/2" X 15 1/2"	CS-MX	139.00	4.2

ASPHALT CUTTER



- cutting asphalt or hard ground – not for concrete

Shank Style	Description	Part No.	List Price	Wt. (lbs)
3/4" Hex	5" X 6" X 16"	AC-HX	\$151.00	4.3
SDS-max	3 1/2" X 4 1/2" X 15 1/2"	AC-MX	167.00	4.3

GROUND ROD DRIVERS

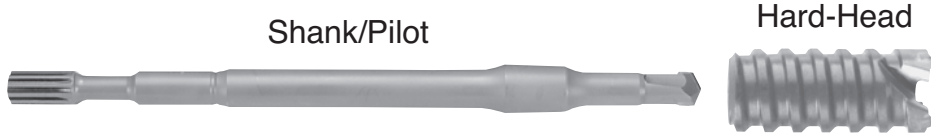


- driving electrical grounding rods into earth

Shank Style	Description	Part No.	List Price	Wt. (lbs)
SPLINE	for 5/8" - 3/4" rebar	DR-S	\$114.00	1.1
SDS-max	for 5/8" - 3/4" rebar	DR-MX	119.00	1.1
3/4" Hex	for 5/8" - 3/4" rebar	DR-HX	114.00	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.



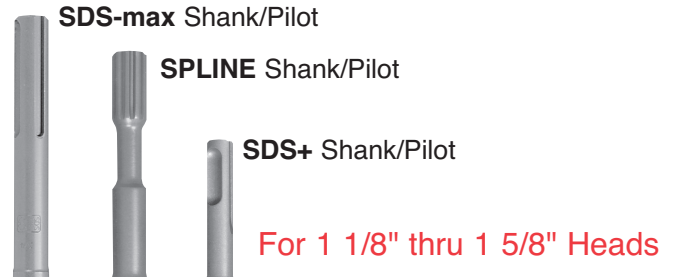
Slide taper end of shank into the "Hard-Head" bit. A slight twisting motion will help keep the bit from falling off before beginning the cut. The pilot is integrated on the shank, so drilling can be accomplished without interruption! Once used, shank and head become one piece.



Hard-Head
3 1/2" Length

Head-only
1 1/8" thru 1 5/8"

DIAMETER	PART NO.	LIST PRICE	WEIGHT (lbs)
1 1/8"	SB-18	\$151.00	0.7
1 1/4"	SB-20	156.00	0.8
1 1/2"	SB-24	162.00	1.3
1 5/8"	SB-26	173.00	1.4



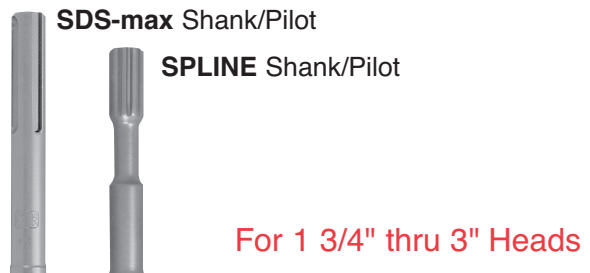
DRILLING DEPTH	SHANK STYLE	PART NO.	LIST PRICE	WEIGHT (lbs)
10"	SPLINE	S02-10S	\$ 53.00	1.8
	SDS-max	SMX-10S	64.00	1.7
	SDS+	S07-10S	53.00	0.9
18"	SPLINE	S02-18S	64.00	3.1
	SDS-max	SMX-18S	76.00	2.7
	SDS+	S07-18S	64.00	1.5
24"	SPLINE	S02-24S	76.00	3.9
	SDS-max	SMX-24S	87.00	3.6
	SDS+	S07-24S	76.00	1.9



Hard-Head
3 1/2" Length

Head-only
1 3/4" thru 3"

DIAMETER	PART NO.	LIST PRICE	WEIGHT (lbs)
1 3/4"	SB-28	\$ 179.00	1.4
2"	SB-32	191.00	1.9
2 1/2"	SB-40	220.00	3.4
3"	SB-48	249.00	5.4



DRILLING DEPTH	SHANK STYLE	PART NO.	LIST PRICE	WEIGHT (lbs)
10"	SPLINE	S02-10	\$ 58.00	2.4
	SDS-max	SMX-10	69.00	2.4
18"	SPLINE	S02-18	69.00	3.8
	SDS-max	SMX-18	81.00	3.8
24"	SPLINE	S02-24	81.00	4.8
	SDS-max	SMX-24	92.00	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



DIAMETER	PART NO.	LIST PRICE	WEIGHT (lbs)
1 3/4"	CBT-28	\$ 210.00	2.1
2"	CBT-32	221.00	2.7
2 1/2"	CBT-40	284.00	4.0
2 3/4"	CBT-44	308.00	4.5
3"	CBT-48	321.00	5.4
3 1/2"	CBT-56	408.00	7.0
4"	CBT-64	523.00	8.6
4 1/2"	CBT-72	598.00	10.1
5"	CBT-80	622.00	12.7

SHANKS



SDS-max SHANK

DRILLING DEPTH	PART NO.	LIST PRICE	WEIGHT (lbs)
10"	SMXTL-10	\$ 74.00	1.8
18"	SMXTL-18	90.00	3.2
24"	SMXTL-24	106.00	4.3



SPLINE SHANK

DRILLING DEPTH	PART NO.	LIST PRICE	WEIGHT (lbs)
10"	S02TL-10	\$ 74.00	1.8
18"	S02TL-18	90.00	3.2
24"	S02TL-24	106.00	4.3

REPLACEMENT PARTS



CORE BODIES ONLY

DIAMETER	PART NO.	LIST PRICE	WEIGHT (lbs)
1 3/4"	CBT-28HO	\$ 174.00	1.8
2"	CBT-32HO	185.00	2.4
2 1/2"	CBT-40HO	248.00	3.7
2 3/4"	CBT-44HO	272.00	4.4
3"	CBT-48HO	285.00	4.9
3 1/2"	CBT-56HO	372.00	6.3
4"	CBT-64HO	482.00	7.8
4 1/2"	CBT-72HO	557.00	9.3
5"	CBT-80HO	581.00	11.2



STARTER POINTS ONLY

DIAMETER	PART NO.	LIST PRICE	WEIGHT (lbs)
1 3/4"	CBSP-28	\$ 36.00	0.4
2"	CBSP-32	36.00	0.6
2 1/2"	CBSP-40	36.00	0.6
2 3/4"	CBSP-44	36.00	0.8
3"	CBSP-48	36.00	0.9
3 1/2"	CBSP-56	36.00	0.9
4"	CBSP-64	41.00	0.9
4 1/2"	CBSP-72	41.00	1.1
5"	CBSP-80	41.00	1.1

3 Components...

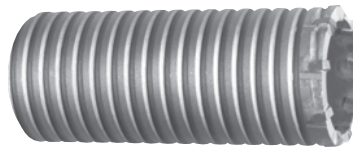
(Once the hammer core bit has been used, the shank and core bit become a one-piece system)

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	\$ 7.00	0.1	25	2.5
5/32"	3/16"	4"	2 3/8"	RT-1-4*	7.00	0.1		-
1/8"	1/8"	3"	1 7/8"	RT-2-3	4.00	0.1	25	2.5
7/32"	1/4"	6"	4"	RT-2-6*	7.00	0.1		-
7/32"	1/4"	8 1/2"	6 1/2"	RT-2-8	8.00	0.1	25	2.5
3/16"	3/16"	3"	1 7/8"	RT-3-3	4.00	0.1	25	2.5
3/16"	3/16"	4"	2 3/8"	RT-3-4	5.00	0.1	25	2.5
3/16"	3/16"	6"	4 1/2"	RT-3-6	7.00	0.1	25	2.5
3/16"	3/16"	8"	6"	RT-3-8	9.00	0.1	25	2.5
1/4"	1/4"	4"	2 1/4"	RT-4-4	6.00	0.1	25	2.5
1/4"	1/4"	6"	3 3/4"	RT-4-6	7.00	0.1	25	2.5
1/4"	1/4"	8"	6"	RT-4-8	11.00	0.1	25	2.5
1/4"	1/4"	12"	10"	RT-4-12*	14.00	0.2		-
1/4"	1/4"	18"	16"	RT-4-18*	21.00	0.3		-
1/4"	1/4"	24"	22"	RT-4-24*	28.00	0.4		-
5/16"	1/4"	4"	2 1/2"	RT-5-4	8.00	0.1	25	2.5
5/16"	1/4"	6"	4"	RT-5-6	8.50	0.1	25	2.5
5/16"	1/4"	12"	10"	RT-5-12*	17.00	0.3		-
5/16"	1/4"	18"	16"	RT-5-18*	21.00	0.4		-
3/8"	3/8"	4"	2 1/2"	RT-6-4	9.00	0.2	5	5
3/8"	1/4"	4"	2 1/2"	RT-6-4A*	9.00	0.1		-
3/8"	3/8"	6"	4"	RT-6-6	9.50	0.2	5	5
3/8"	1/4"	6"	4"	RT-6-6A	9.50	0.2	5	5
3/8"	3/8"	12"	10"	RT-6-12*	19.00	0.4		-
3/8"	3/8"	18"	16"	RT-6-18*	22.00	0.5		-
3/8"	3/8"	24"	22"	RT-6-24*	31.00	0.7		-
7/16"	1/4"	4"	2 1/2"	RT-7-4	9.50	0.2	5	5
7/16"	1/4"	6"	4"	RT-7-6	10.00	0.3	7.5	7.5
7/16"	1/4"	18"	16"	RT-7-18	29.00	0.6	2.5	2.5
1/2"	3/8"	4"	2 1/2"	RT-8-4	10.00	0.2	5	5
1/2"	3/8"	6"	4"	RT-8-6	10.50	0.3	7.5	7.5
1/2"	1/4"	6"	4"	RT-8-6A	10.50	0.3	7.5	7.5
1/2"	3/8"	14"	12"	RT-8-14*	23.00	0.6		-
1/2"	3/8"	18"	16"	RT-8-18*	29.00	0.7		-
1/2"	3/8"	24"	22"	RT-8-24*	35.00	0.9		-
9/16"	3/8"	6"	4"	RT-9-6	13.00	0.3	7.5	7.5
5/8"	1/2"	6"	4"	RT-10-6	15.00	0.4	10	10
5/8"	1/2"	14"	12"	RT-10-14*	25.00	0.8		-
5/8"	1/2"	18"	16"	RT-10-18*	34.00	1.1		-
5/8"	1/2"	24"	22"	RT-10-24*	39.00	1.3		-
11/16"	1/2"	6"	4"	RT-11-6	18.00	0.4	10	10
3/4"	1/2"	6"	4"	RT-12-6	20.00	0.5	12.5	12.5
3/4"	1/2"	14"	12"	RT-12-14*	33.00	1.0		-
3/4"	1/2"	18"	16"	RT-12-18*	37.00	1.5		-
3/4"	1/2"	24"	22"	RT-12-24*	42.00	1.8		-
7/8"	1/2"	6"	4"	RT-14-6*	25.00	0.6		-
7/8"	1/2"	14"	12"	RT-14-14*	37.00	1.3		-
1"	1/2"	6"	4"	RT-16-6*	31.00	0.8		-
1"	1/2"	18"	16"	RT-16-18*	56.00	2.4		-
1"	1/2"	24"	22"	RT-16-24*	64.00	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	\$ 43.00	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							
11/64"	11/64"	3"	1 7/8"	GRT-1-3*	\$ 8.00	0.1	25 P E R S I Z E	-
5/32"	3/16"	4"	2 3/8"	GRT-1-4*	8.00	0.1		-
1/8"	1/8"	3"	1 7/8"	GRT-2-3*	7.00	0.1		-
7/32"	1/4"	6"	4"	GRT-2-6*	11.00	0.1		-
3/16"	3/16"	3"	1 7/8"	GRT-3-3	8.00	0.1		2.5
3/16"	3/16"	4"	2 3/8"	GRT-3-4	8.50	0.1		2.5
3/16"	3/16"	6"	4 1/2"	GRT-3-6	9.00	0.1		2.5
3/16"	3/16"	8"	6"	GRT-3-8	11.00	0.1		2.5
1/4"	1/4"	4"	2 1/4"	GRT-4-4	9.00	0.1		2.5
1/4"	1/4"	6"	3 3/4"	GRT-4-6	10.00	0.1		2.5
1/4"	1/4"	8"	6"	GRT-4-8	14.00	0.1		2.5
5/16"	1/4"	4"	2 1/2"	GRT-5-4*	12.00	0.1		
5/16"	1/4"	6"	4"	GRT-5-6*	13.00	0.2		
3/8"	3/8"	4"	2 1/2"	GRT-6-4*	13.00	0.1		
3/8"	3/8"	6"	4"	GRT-6-6*	14.00	0.2		
3/8"	3/8"	12"	10"	GRT-6-12*	27.00	0.3		
7/16"	1/4"	4"	2"	GRT-7-4*	17.00	0.1		
7/16"	1/4"	6"	4"	GRT-7-6*	19.00	0.3		
1/2"	3/8"	6"	4"	GRT-8-6*	17.00	0.3		
9/16"	3/8"	6"	4"	GRT-9-6*	25.00	0.4		
5/8"	1/2"	6"	4"	GRT-10-6*	23.00	0.4		
11/16"	1/2"	6"	4"	GRT-11-6*	30.00	0.4		
3/4"	1/2"	6"	4"	GRT-12-6*	32.00	0.5		
7/8"	1/2"	6"	4"	GRT-14-6*	42.00	0.6		
1"	1/2"	6"	4"	GRT-16-6*	51.00	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	\$ 67.00	0.7

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

[†]Because of the differing densities of these materials, the number of holes may vary. Slow drilling speeds are recommended, and in some cases, marble and granite may not be drillable with carbide tools.

* 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.

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	\$4.50	BULK QTY 100 PER SIZE	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"	5/32" DIA X 4-1/2" LGTH	TC-5-4	5.00		0.3	3			
3/16" X 3 1/4"					0.3	3			
3/16" X 3 3/4"					0.3	3			
3/16" X 4"	5/32" DIA X 5-1/2" LGTH	TC-5-5	5.50		0.3	3			
1/4" X 1 1/4"					3/16" DIA X 3-1/2" LGTH	TC-3-3	4.50	0.3	3
1/4" X 1 3/4"								0.3	3
1/4" X 2 1/4"	3/16" DIA X 4-1/2" LGTH	TC-3-4	5.00					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	5.50	0.3	3	
1/4" X 3 3/4"	0.3	3							
1/4" X 4"	0.3	3							

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

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	\$ 3.00	0.1	25	2.5
5/32"	3/16"	4"	2 3/8"	RX-1-4	2.80	0.1		-
3/16"	3/16"	4"	2 1/2"	RX-3-4	3.00	0.1		2.5
1/4"	1/4"	4"	2 1/2"	RX-4-4	3.50	0.1		2.5
1/4"	1/4"	6"	4"	RX-4-6	4.50	0.1		2.5
1/4"	1/4"	12"	10"	RX-4-12*	11.00	0.2		-
5/16"	1/4"	4"	2 1/2"	RX-5-4	4.50	0.1		2.5
5/16"	1/4"	6"	4"	RX-5-6	5.00	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	4.50	0.1		2.5
3/8"	1/4"	6"	4"	RX-6-6	6.00	0.1		2.5
3/8"	3/8"	12"	10"	RX-6-12*	14.00	0.3		-
7/16"	1/4"	4"	2 1/2"	RX-7-4*	7.00	0.2		-
7/16"	1/4"	6"	4"	RX-7-6*	8.00	0.2		-
1/2"	1/4"	4"	2 1/2"	RX-8-4	6.50	0.2		5
1/2"	1/4"	6"	4"	RX-8-6A	7.00	0.3		7.5
1/2"	3/8"	6"	4"	RX-8-6	7.00	0.3		7.5
1/2"	3/8"	12"	10"	RX-8-12*	15.00	0.4		-
9/16"	3/8"	6"	4"	RX-9-6*	10.00	0.3		-
5/8"	1/2"	6"	4"	RX-10-6*	11.00	0.3		-
5/8"	1/2"	12"	10"	RX-10-12*	19.00	0.6		-
11/16"	1/2"	6"	4"	RX-11-6*	15.00	0.4		-
3/4"	1/2"	6"	4"	RX-12-6*	15.00	0.4		-
3/4"	1/2"	12"	10"	RX-12-12*	25.00	0.9		-
7/8"	1/2"	6"	4"	RX-14-6*	17.00	0.6		-
7/8"	1/2"	12"	10"	RX-14-12*	28.00	1.1	-	
1"	1/2"	6"	4"	RX-16-6*	24.00	0.7	-	
1"	1/2"	12"	10"	RX-16-12*	39.00	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	\$ 3.50	0.1
3/16"	3/16"	4"	2 1/2"	TT-3-4	4.00	0.1
1/4"	1/4"	4"	2 1/2"	TT-4-4	4.50	0.1
1/4"	1/4"	6"	4"	TT-4-6	6.00	0.1
1/4"	1/4"	12"	10"	TT-4-12	13.00	0.3
1/4"	1/4"	18"	16"	TT-4-18	23.00	0.3
5/16"	1/4"	4"	2 1/2"	TT-5-4	7.00	0.1
5/16"	1/4"	6"	4"	TT-5-6	8.00	0.1
5/16"	5/16"	18"	16"	TT-5-18	26.00	0.4
3/8"	1/4"	4"	2 1/2"	TT-6-4	8.00	0.1
3/8"	1/4"	6"	4"	TT-6-6	9.00	0.1
3/8"	3/8"	18"	16"	TT-6-18	29.00	0.6
3/8"	1/4"	24"	22"	TT-6-24	37.00	0.8
7/16"	1/4"	4"	2 1/2"	TT-7-4	9.00	0.2
7/16"	1/4"	6"	4"	TT-7-6	10.00	0.2
1/2"	1/4"	4"	2 1/2"	TT-8-4	9.50	0.2
1/2"	3/8"	6"	4"	TT-8-6	10.00	0.3
1/2"	1/4"	6"	4"	TT-8-6A	10.00	0.3
9/16"	3/8"	6"	4"	TT-9-6	12.00	0.3
5/8"	1/2"	6"	4"	TT-10-6	14.00	0.3
11/16"	1/2"	6"	4"	TT-11-6	17.00	0.4
3/4"	1/2"	6"	4"	TT-12-6	19.00	0.4
7/8"	1/2"	6"	4"	TT-14-6	23.00	0.8
1"	1/2"	6"	4"	TT-16-6	29.00	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	\$20.00	0.4	25	10
3/8"	3/8"	18"	16"	BH-6-18	22.00	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



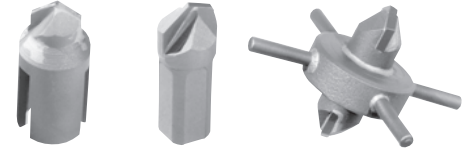
DIAMETER POINT	DIAMETER SHANK	OVERALL LENGTH	DRILLING DEPTH	PART NO.	LIST PRICE	WT. (lbs)	RECOMMENDED RPM
3/16"	3/16"	4"	2 3/16"	TD-3-4	\$ 10.00	0.1	550-900
1/4"	1/4"	5"	3"	TD-4-5	19.00	0.1	550-900
5/16"	1/4"	5"	3"	TD-5-5	21.00	0.1	550-900
3/8"	5/16"	5"	3"	TD-6-5	25.00	0.1	550-900
3/8"	5/16"	8"	6"	TD-6-8	33.00	0.3	550-900
7/16"	5/16"	5"	3"	TD-7-5	36.00	0.3	550-900
1/2"	3/8"	8"	5"	TD-8-8	37.00	0.4	450-750
1/2"	3/8"	18"	14 1/2"	TD-8-18	45.00	0.8	450-750
9/16"	3/8"	8"	4 1/2"	TD-9-8	45.00	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	\$ 46.00	0.5	450-750
3/4"	1/2"	8"	4 1/2"	TD-12-8	57.00	0.6	450-750

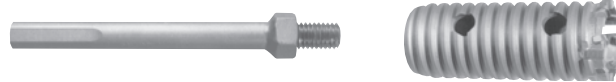
E-Z STARTER POINTS for TD CORE BITS



Used to help keep the core bit from "walking" 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"	\$ 15.00	0.1
SP-12	3/4"	15.00	0.1
SP-14	7/8"	17.00	0.1
SP-16	1"	18.00	0.1
SP-18	1 1/8"	19.00	0.1
SP-20	1 1/4"	22.00	0.2
SP-22	1 3/8" thru 1 5/8"	23.00	0.2
SP-28	1 3/4" thru 2 1/4"	29.00	0.2
SP-40	2 1/2" thru 3"	48.00	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	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	\$76.00	0.8	TD-14HO	\$ 64.00	0.4	350-750	TDS-2-9 (Supplied w/ complete bit)	1/2"	9"	\$12.00	0.4	} 1/2 - 13
1"	TD-16-9	84.00	0.9	TD-16HO	73.00	0.5	350-750						
1 1/8"	TD-18-9	90.00	1.1	TD-18HO	79.00	0.7	350-750						
1 1/4"	TD-20-9	100.00	1.1	TD-20HO	88.00	0.7	350-750						
1 3/8"	TD-22-9	107.00	1.3	TD-22HO	96.00	0.9	350-750						
1 1/2"	TD-24-9	113.00	1.4	TD-24HO	102.00	1.0	350-750						
1 5/8"	TD-26-9	122.00	1.4	TD-26HO	110.00	1.0	350-750						
1 3/4"	TD-28-9	133.00	1.6	TD-28HO	119.00	1.2	350-750	TDS-3-9 (Supplied w/ complete bit)	1/2"	9"	\$12.00	0.4	} 3/4 - 10
2"	TD-32-9	144.00	2.2	TD-32HO	132.00	1.5	250-450						
2 1/4"	TD-36-9	182.00	2.8	TD-36HO	171.00	2.1	250-450						
2 1/2"	TD-40-9	198.00	3.1	TD-40HO	187.00	2.4	250-450						
3"	TD-48-9	251.00	3.7	TD-48HO	240.00	3.0	250-450						

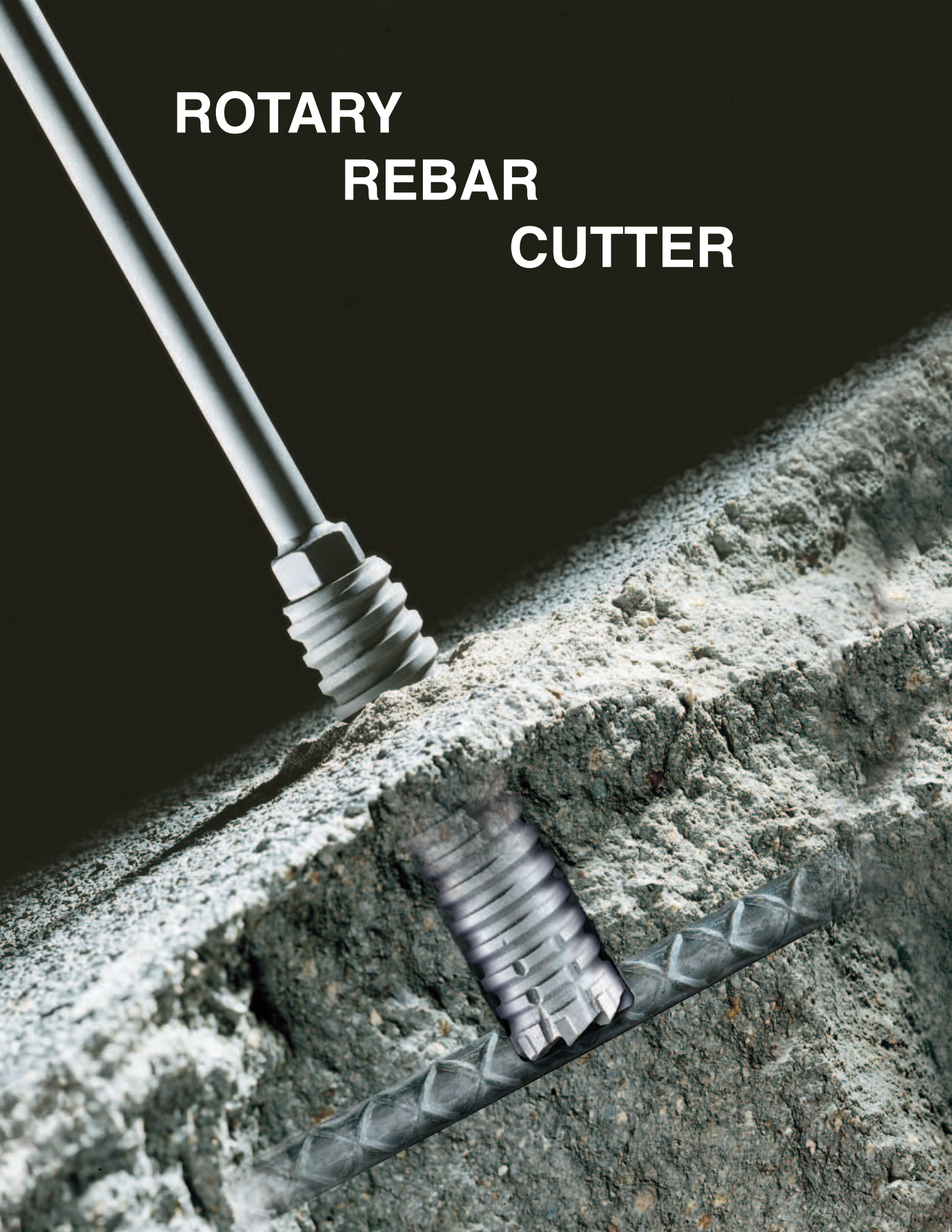
DIAMOND DRILL RIG ADAPTORS

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 Cutters	1/2-13 to 5/8-11	\$ 15.00	0.3
3458	1"-4" Hole Saws, 2" & up TD Core Bits & Rebar Cutters	3/4-10 to 5/8-11	15.00	0.4
34114	1"-4" Hole Saws, 2" & up TD Core Bits & Rebar Cutters	3/4-10 to 1 1/4-7	22.00	0.4



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

**ROTARY
REBAR
CUTTER**



ROTARY-ONLY REBAR CUTTERS

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	\$ 52.00	SRB-6	\$54.00	0.3	850-1200	This is a one-piece system (shanks are non-removable).
3/8"	12"	RB-6-12	68.00	SRB-6-12	70.00	0.3	850-1200	
3/8"	18"	RB-6-18	80.00	SRB-6-18	82.00	0.5	850-1200	
7/16"	12"	RB-7	62.00	SRB-7	64.00	0.5	850-1200	
1/2"	12"	RB-8	54.00	SRB-8	56.00	0.6	850-1200	
1/2"	18"	RB-8-18	81.00	SRB-8-18	83.00	1.0	850-1200	
9/16"	12"	RB-9	62.00	SRB-9	64.00	0.7	850-1200	
9/16"	18"	RB-9-18	85.00	SRB-9-18	87.00	1.1	850-1200	
5/8"	12"	RB-10	65.00	SRB-10	67.00	0.8	750-1000	
5/8"	18"	RB-10-18	87.00	SRB-10-18	89.00	1.3	750-1000	
11/16"	12"	RB-11	74.00	SRB-11	76.00	0.9	750-1000	
3/4"	12"	RB-12	75.00	SRB-12	77.00	1.1	600-850	
3/4"	18"	RB-12-18	96.00	SRB-12-18	98.00	1.6	600-850	
3/4"	24"	RB-12-24	110.00	SRB-12-24	112.00	1.8	600-850	
13/16"	12"	RB-13	81.00	SRB-13	83.00	1.1	600-850	
7/8"	12"	RB-14	100.00	SRB-14	103.00	0.9	600-850	
1"	12"	RB-16	104.00	SRB-16	107.00	1.1	500-750	
1 1/8"	12"	RB-18	123.00	SRB-18	126.00	1.2	500-750	
1 1/4"	12"	RB-20	130.00	SRB-20	133.00	1.3	450-600	
1 3/8"	12"	RB-22	132.00	SRB-22	135.00	1.4	450-600	
1 1/2"	12"	RB-24	145.00	SRB-24	148.00	1.6	350-500	
1 5/8"	12"	RB-26	178.00	SRB-26	181.00	1.7	350-500	
1 3/4"	12"	RB-28	183.00	SRB-28	186.00	1.8	350-500	
2"	12"	RB-32	202.00	SRB-32	205.00	2.5	350-500	
2 1/2"	12"	RB-40	220.00	SRB-40	223.00	3.1	350-500	



REPLACEMENT SHANKS 7/8" & LARGER



STRAIGHT SHANK

SDS+ SHANK

PART NO.	LIST PRICE	SHANK	TO MAKE OAL BIT LENGTH	WT. (lbs)	THREAD SIZE	DIA
TDS-2-9	\$12.00	1/2"	9"	0.4	1/2-13 MALE	7/8"
TDS-2-12*	14.00	1/2"	12"	0.5		1"
TDS-2-18	21.00	1/2"	18"	0.9		1 1/8"
TDS-2-24	29.00	1/2"	24"	1.2		1 1/4"
STDS-2-9	14.00	SDS+	9"	0.4		1 3/8"
STDS-2-12*	17.00	SDS+	12"	0.5		1 1/2"
STDS-2-18	23.00	SDS+	18"	0.9	1 5/8"	
STDS-2-24	31.00	SDS+	24"	1.2	1 3/4"	
TDS-3-9	12.00	1/2"	9"	0.4	3/4-10 MALE	2"
TDS-3-12*	14.00	1/2"	12"	0.5		
TDS-3-18	21.00	1/2"	18"	0.9		
TDS-3-24	29.00	1/2"	24"	1.2		
STDS-3-9	14.00	SDS+	9"	0.4		2 1/2"
STDS-3-12*	17.00	SDS+	12"	0.5		
STDS-3-18	23.00	SDS+	18"	0.9		
STDS-3-24	31.00	SDS+	24"	1.2		

REPLACEMENT CUTTER HEAD 7/8" & LARGER



PART NO.	LIST PRICE	WT. (lbs)	SUGGESTED RPM'S	THREAD SIZE
RB-14HO	\$ 86.00	0.4	600-850	1/2-13 FEMALE
RB-16HO	90.00	0.6	500-750	
RB-18HO	109.00	0.7	500-750	
RB-20HO	116.00	0.8	450-600	
RB-22HO	118.00	0.9	450-600	
RB-24HO	131.00	1.1	350-500	
RB-26HO	164.00	1.2	350-500	
RB-28HO	169.00	1.3	350-500	
RB-32HO	188.00	1.8	350-500	3/4-10 FEMALE
RB-40HO	206.00	2.4	350-500	

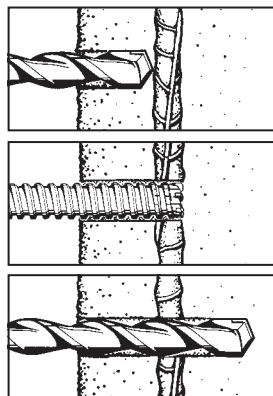
Follow power tool manufacturers' recommendations for bit capacity.

*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 tool.

TECHNICAL INFORMATION

CARBIDE MASONRY TOOLS



1/8" to 1"

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.



1/8" to 1"

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.



5/32" to 1 1/8"

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.



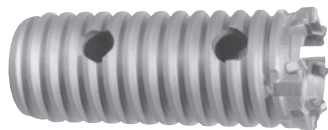
3/8" to 1 1/2"

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.



3/8" to 2 1/2"

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.



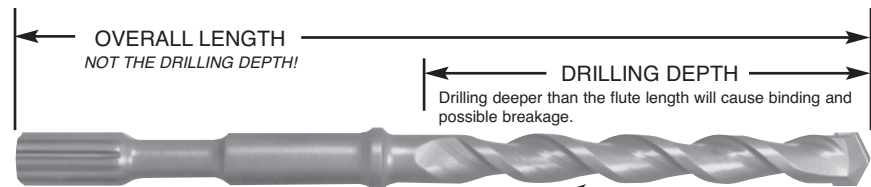
up to 5"

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"



DRIVE
16 different types depending upon the rotary hammer used.

FLUTES
Vary by manufacturer and bit design.

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

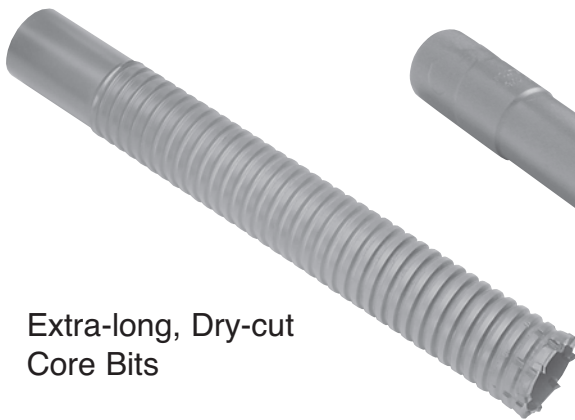
You can create dust when you cut, sand, drill or grind materials such as wood, paint, metal, concrete, cement or other masonry. This dust often contains chemicals known to cause cancer, birth defects, or other reproductive harm.

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 Buildex

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

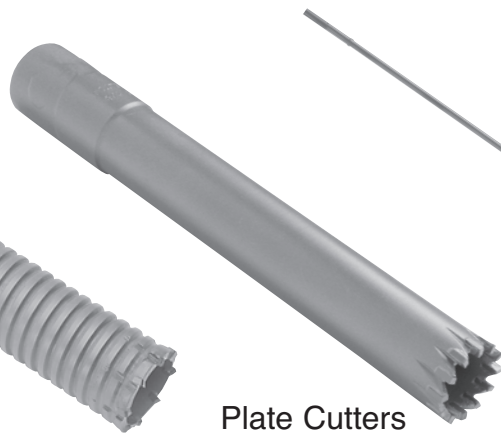
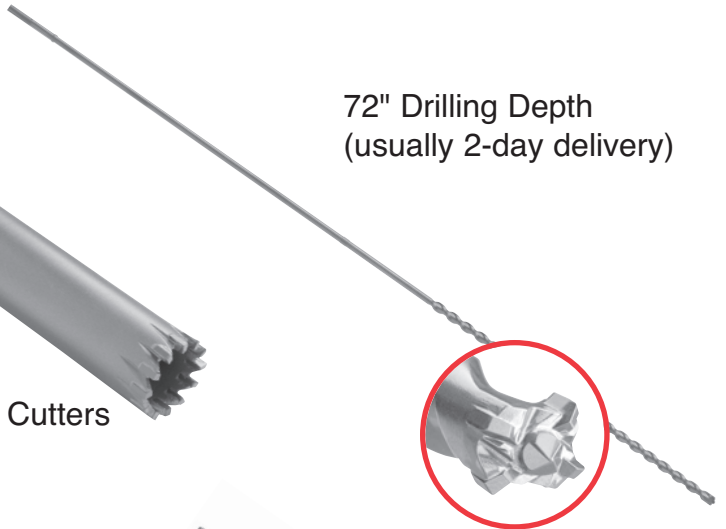
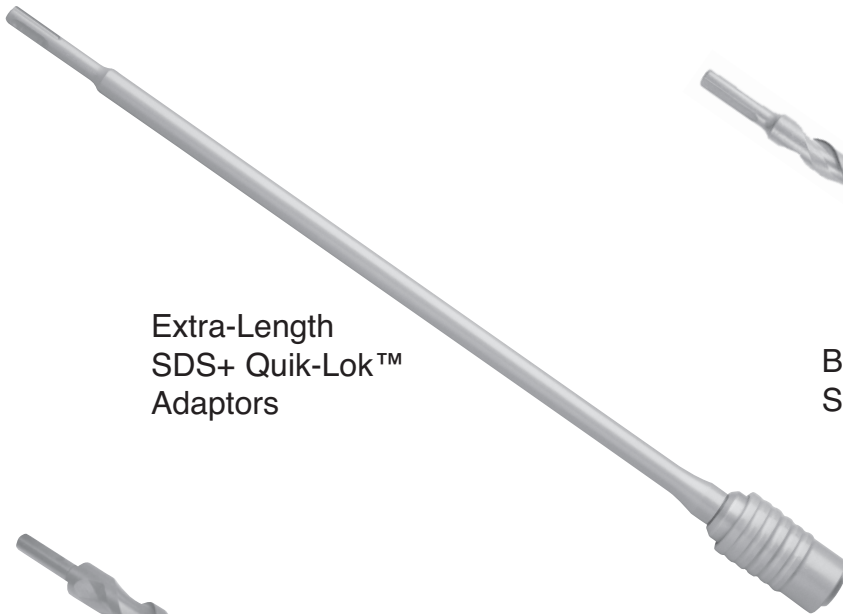


Plate Cutters



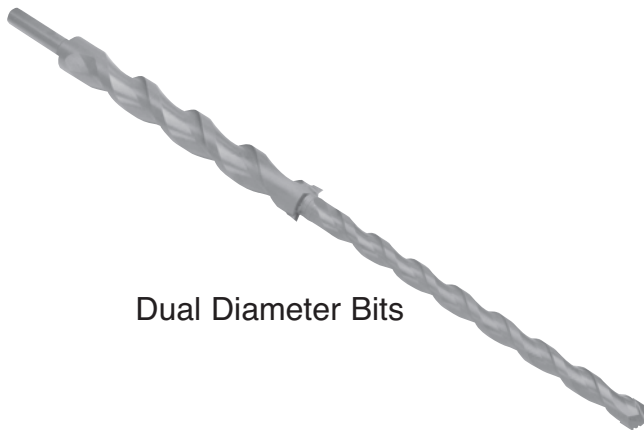
72" Drilling Depth
(usually 2-day delivery)



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"	\$ 5.00	-	-	-	-
1/2" thru 5/8"	5.00	\$ 10.00	\$ 16.00	\$ 25.00	\$ 19.00
11/16" thru 3/4"	6.00	10.00	16.00	25.00	20.00
27/32"	6.00	-	16.00	-	20.00
7/8" thru 1"	6.00	10.00	20.00	31.00	24.00
1 1/8" thru 1 1/4"	7.00	13.00	28.00	39.00	34.00
1 3/8"	7.00	13.00	28.00	47.00	35.00
1 1/2"	8.00	13.00	33.00	47.00	39.00

* 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, Fax (626) 446-9671

ROTARY REBAR CUTTERS & ROTARY CORE BITS

DIAMETER	SHARPEN ONLY	REPLACE CARBIDE & SHARPEN
1/2" thru 11/16"	\$ 8.00	\$ 5.00 each carbide + \$ 7.00 sharpen
3/4" thru 1 3/4"	9.00	5.00 each carbide + 8.00 sharpen
1 7/8" thru 2 3/4"	10.00	5.00 each carbide + 9.00 sharpen
3" thru 4"	13.00	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"	\$ 8.00	\$ 6.00 each carbide + \$ 8.00 sharpen
1 1/2"	9.00	6.00 each carbide + 9.00 sharpen
1 5/8" thru 1 3/4"	9.00	6.00 each carbide + 9.00 sharpen
2" thru 2 1/4"	10.00	6.00 each carbide + 10.00 sharpen
2 1/2" thru 2 3/4"	10.00	6.00 each carbide + 10.00 sharpen
3"	11.00	6.00 each carbide + 11.00 sharpen
3 1/2"	11.00	6.00 each carbide + 11.00 sharpen
4"	13.00	6.00 each carbide + 13.00 sharpen
4 1/2"	14.00	6.00 each carbide + 14.00 sharpen
5"	15.00	6.00 each carbide + 15.00 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 17).

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.

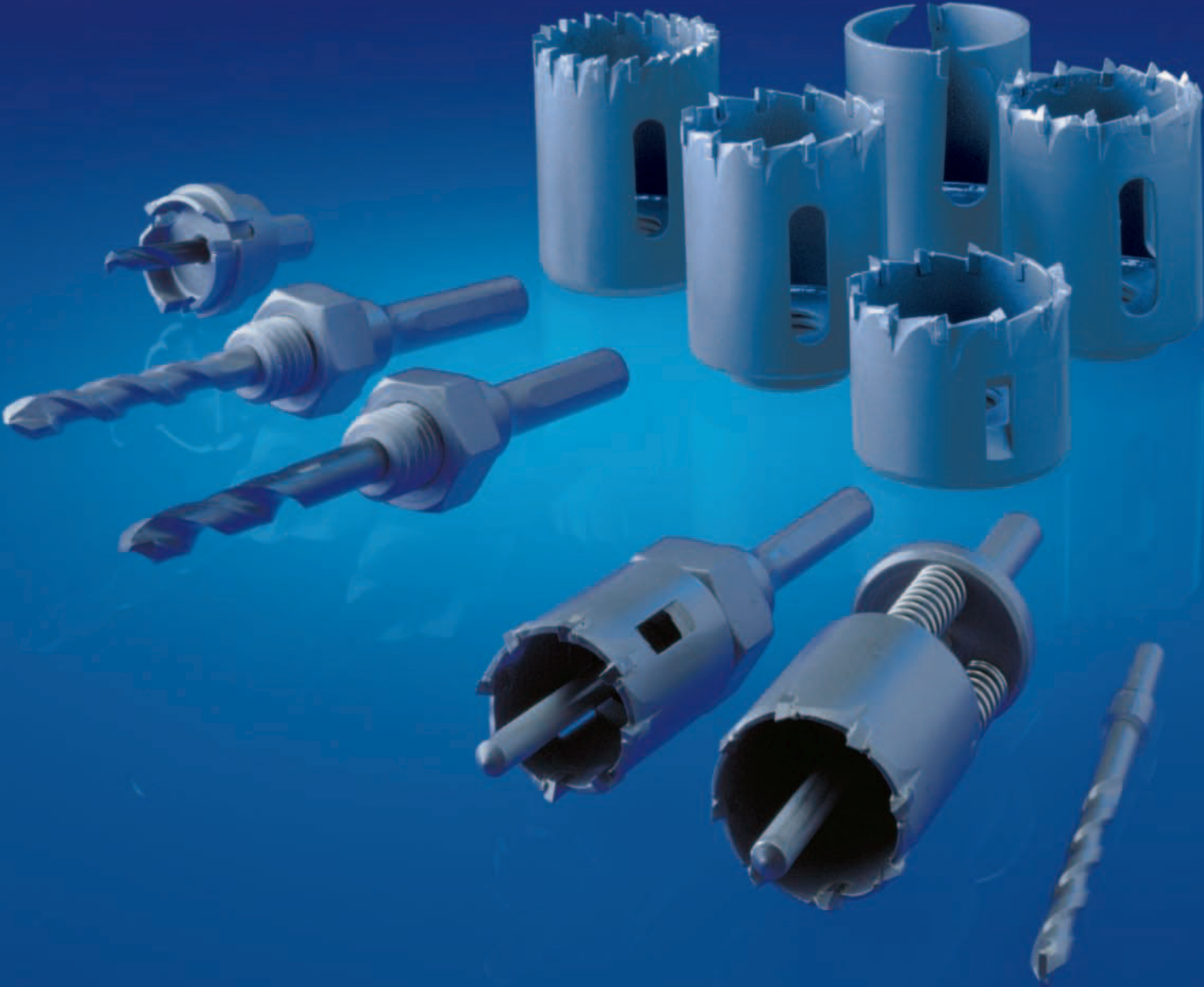
11. A worn nose-piece in your hammer drill can result in abnormal bit-shank wear.

12. Before drilling 36" deep or deeper, 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

Hole Saw Systems

Relton has been manufacturing high quality brazed-carbide hole saws in the U.S.A. for over 50 years. Each hole saw has actual carbide teeth brazed into the steel body. Different applications require different hole saws. Each series is engineered to cut a specific material. All can be used dry or wet, hand-held or in a stationary drill. All can be re-sharpened or have teeth replaced as needed. Relton manufactures custom sizes (even in one-piece quantities) in most diameters or drilling depths. For factory service or special-order information, please see page 26.

If your job requires a large number of holes, **lower your cost per hole with a Relton hole saw!** If you burn up high-speed hole saws, or if bi-metal hole saws aren't tough enough, Relton is for you.

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	\$81.00	0.7	ISHS-16HO	\$57.00	0.3	S-12	\$13.00	CP-42 \$8.00 0.1 Carbide-Tipped 1/4" Diameter - 2" DD	ES-42 \$3.00 0.1 Ejector Spring	
1 1/8"	ISHS-18	83.00	0.8	ISHS-18HO	59.00	0.4	HS-S4 \$13.00 (Supplied w/ complete saw)				
1 1/4"	ISHS-20	85.00	0.8	ISHS-20HO	61.00	0.4	HS-S47 \$18.00				
1 3/8"	ISHS-22	87.00	0.8	ISHS-22HO	63.00	0.4	HS-S410 23.00 (See pg. 19 for specs.)				
1 1/2"	ISHS-24	91.00	1.0	ISHS-24HO	67.00	0.5	HS-S6 \$13.00 (Supplied w/ complete saw)	CP-62 \$8.00 0.1 Carbide-Tipped 3/8" Diameter - 2" DD	ES-62 \$3.00 0.1 Ejector Spring		
1 5/8"	ISHS-26	94.00	1.1	ISHS-26HO	70.00	0.6				HS-S67 \$18.00	
1 3/4"	ISHS-28	97.00	1.1	ISHS-28HO	73.00	0.6				HS-S610 23.00 (See pg. 19 for specs.)	
2"	ISHS-32	104.00	1.1	ISHS-32HO	80.00	0.6					
2 1/8"	ISHS-34	109.00	1.3	ISHS-34HO	85.00	0.6	HS-S67 \$18.00	CP-62 \$8.00 0.1 Carbide-Tipped 3/8" Diameter - 2" DD	ES-62 \$3.00 0.1 Ejector Spring		
2 1/4"	ISHS-36	114.00	1.3	ISHS-36HO	90.00	0.7				HS-S610 23.00 (See pg. 19 for specs.)	
2 1/2"	ISHS-40	120.00	1.4	ISHS-40HO	96.00	0.8					
3"	ISHS-48	133.00	1.5	ISHS-48HO	109.00	1.1					
4"	ISHS-64	163.00	2.2	ISHS-64HO	139.00	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	\$ 83.00	0.4	FHS-14HO	\$ 59.00	0.3	S-12	\$13.00	SP-42 \$8.00 0.1 High-Speed Steel 1/4" Diameter - 2" DD	ES-42 \$3.00 0.1 Ejector Spring	
1"	FHS-16	85.00	0.7	FHS-16HO	61.00	0.3	HS-S4 \$13.00 (Supplied w/ complete saw)				
1 1/8"	FHS-18	86.00	0.8	FHS-18HO	62.00	0.3	HS-S47 \$18.00				
1 1/4"	FHS-20	88.00	0.8	FHS-20HO	64.00	0.4	HS-S410 23.00 (See pg. 19 for specs.)				
1 3/8"	FHS-22	89.00	0.8	FHS-22HO	65.00	0.4	HS-S6 \$13.00 (Supplied w/ complete saw)	SP-62 \$8.00 0.1 High-Speed Steel 3/8" Diameter - 2" DD	ES-62 \$3.00 0.1 Ejector Spring		
1 1/2"	FHS-24	90.00	1.0	FHS-24HO	66.00	0.5				HS-S67 \$18.00	
1 3/4"	FHS-28	91.00	1.1	FHS-28HO	67.00	0.6				HS-S610 23.00 (See pg. 19 for specs.)	
2"	FHS-32	99.00	1.1	FHS-32HO	75.00	0.6					
2 1/8"	FHS-34	103.00	1.1	FHS-34HO	79.00	0.6	HS-S67 \$18.00	SP-62 \$8.00 0.1 High-Speed Steel 3/8" Diameter - 2" DD	ES-62 \$3.00 0.1 Ejector Spring		
2 1/4"	FHS-36	105.00	1.3	FHS-36HO	81.00	0.7				HS-S610 23.00 (See pg. 19 for specs.)	
2 1/2"	FHS-40	109.00	1.4	FHS-40HO	85.00	0.7					
2 3/4"	FHS-44	111.00	1.5	FHS-44HO	87.00	1.1					
3"	FHS-48	120.00	1.6	FHS-48HO	96.00	1.1					
3 1/2"	FHS-56	132.00	1.7	FHS-56HO	108.00	1.3					
4"	FHS-64	144.00	2.1	FHS-64HO	120.00	1.6					

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

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)
11/16"	HS-11	\$ 65.00	0.4	HS-11HO	\$ 41.00	0.3	S-12 \$13.00 (See below for specs.)		SP-41 \$8.00 0.1 High-Speed Steel 1/4" Diameter - 1" DD		
3/4"	HS-12	66.00	0.4	HS-12HO	42.00	0.3					
13/16"	HS-13	67.00	0.4	HS-13HO	43.00	0.4					
7/8"	HS-14	68.00	0.4	HS-14HO	44.00	0.3					
15/16"	HS-15	69.00	0.5	HS-15HO	45.00	0.3	HS-S4 \$13.00 (Supplied w/ complete saw)		ES-41 \$3.00 0.1 Ejector Spring		
1"	HS-16	69.00	0.6	HS-16HO	45.00	0.3					
1 1/8"	HS-18	70.00	0.7	HS-18HO	46.00	0.4					
1 1/4"	HS-20	73.00	0.7	HS-20HO	49.00	0.4					
1 3/8"	HS-22	75.00	0.8	HS-22HO	51.00	0.4					
1 1/2"	HS-24	77.00	0.9	HS-24HO	53.00	0.4					
1 5/8"	HS-26	79.00	1.0	HS-26HO	55.00	0.5					
1 3/4"	HS-28	80.00	1.1	HS-28HO	56.00	0.6					
1 7/8"	HS-30	89.00	1.1	HS-30HO	65.00	0.6					
2"	HS-32	90.00	1.1	HS-32HO	66.00	0.6					
2 1/8"	HS-34	92.00	1.3	HS-34HO	68.00	0.7	HS-S6 \$13.00 (Supplied w/ complete saw)		SP-61 \$8.00 0.1 High-Speed Steel 3/8" Diameter - 1" DD		
2 1/4"	HS-36	94.00	1.4	HS-36HO	70.00	0.8					
2 3/8"	HS-38	97.00	1.4	HS-38HO	73.00	0.8					
2 1/2"	HS-40	98.00	1.6	HS-40HO	74.00	0.8					
2 3/4"	HS-44	101.00	1.6	HS-44HO	77.00	0.8					
3"	HS-48	111.00	1.7	HS-48HO	87.00	0.9					
3 1/4"	HS-52	119.00	1.9	HS-52HO	95.00	1.6					
3 1/2"	HS-56	125.00	2.3	HS-56HO	101.00	1.9					
4"	HS-64	143.00	2.6	HS-64HO	119.00	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	\$84.00	0.4	STHS-12HO	\$60.00	0.3	S-12 \$13.00 (See pg. 19 for specs.)		SP-42 \$8.00 0.1 High-Speed Steel 1/4" Diameter - 2" DD		
7/8"	STHS-14	85.00	0.5	STHS-14HO	61.00	0.3					
1"	STHS-16	88.00	0.8	STHS-16HO	64.00	0.4	HS-S4 \$13.00 (Supplied w/ complete saw)		ES-42 \$3.00 0.1 Ejector Spring		
1 1/8"	STHS-18	93.00	0.8	STHS-18HO	69.00	0.4					
1 1/4"	STHS-20	98.00	0.8	STHS-20HO	74.00	0.5					
1 3/8"	STHS-22	100.00	0.9	STHS-22HO	76.00	0.5					
1 1/2"	STHS-24	103.00	1.1	STHS-24HO	79.00	0.6					
1 3/4"	STHS-28	107.00	1.3	STHS-28HO	83.00	0.8					
2"	STHS-32	120.00	1.4	STHS-32HO	96.00	0.9					
2 1/4"	STHS-36	124.00	1.7	STHS-36HO	100.00	1.0					
2 3/8"	STHS-38	129.00	1.8	STHS-38HO	105.00	1.1					
2 1/2"	STHS-40	133.00	1.9	STHS-40HO	109.00	1.1					
2 3/4"	STHS-44	144.00	1.9	STHS-44HO	120.00	1.4	HS-S6 \$13.00 (Supplied w/ complete saw)		SP-62 \$8.00 0.1 High-Speed Steel 3/8" Diameter - 2" DD		
3"	STHS-48	157.00	2.1	STHS-48HO	133.00	1.6					
3 1/4"	STHS-52	171.00	2.3	STHS-52HO	147.00	1.9					
3 1/2"	STHS-56	182.00	2.6	STHS-56HO	158.00	2.2					
3 3/4"	STHS-60	193.00	2.8	STHS-60HO	169.00	2.4					
4"	STHS-64	197.00	3.2	STHS-64HO	173.00	2.7					

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

BRAZED-CARBIDE HOLE SAWS

TUB, TILE & 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
Ceramic Tile*
Marble* / Granite*
Gelcoat Fiberglass

*Because of the differing densities of these materials, the number of holes cut may vary. Slow drilling speeds are recommended, and in some cases, marble and granite may not be drillable with carbide tools.

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	\$ 78.00	0.4	HST-12HO	\$ 54.00	0.3	S-12 \$12.00 (See below for specs.)		CP-42 \$8.00 0.1 Carbide-Tipped 1/4" Diameter - 2" DD		
7/8"	HST-14	80.00	0.4	HST-14HO	56.00	0.3					
1"	HST-16	81.00	0.6	HST-16HO	57.00	0.3	HS-S4 \$13.00 (Supplied w/ complete saw)		ES-42 \$3.00 0.1 Ejector Spring		
1 1/8"	HST-18	83.00	0.8	HST-18HO	59.00	0.3					
1 1/4"	HST-20	84.00	0.8	HST-20HO	60.00	0.4	HS-S47 \$18.00 HS-S410 23.00 (See below for specs.)				
1 3/8"	HST-22	88.00	0.9	HST-22HO	64.00	0.4					
1 1/2"	HST-24	89.00	1.0	HST-24HO	65.00	0.5	HS-S6 \$13.00 (Supplied w/ complete saw)		CP-62 \$8.00 0.1 Carbide-Tipped 3/8" Diameter - 2" DD		
1 5/8"	HST-26	90.00	1.0	HST-26HO	66.00	0.6					
1 11/16"	HST-27	91.00	1.1	HST-27HO	67.00	0.6	HS-S67 \$18.00 HS-S610 23.00 (See below for specs.)		ES-62 \$3.00 0.1 Ejector Spring		
1 3/4"	HST-28	92.00	1.1	HST-28HO	68.00	0.6					
1 15/16"	HST-31	109.00	1.2	HST-31HO	85.00	0.7	HS-S6 \$13.00 (Supplied w/ complete saw)				
2"	HST-32	110.00	1.3	HST-32HO	86.00	0.7					
2 1/8"	HST-34	113.00	1.3	HST-34HO	89.00	0.7	HS-S67 \$18.00 HS-S610 23.00 (See below for specs.)				
2 1/4"	HST-36	114.00	1.4	HST-36HO	90.00	0.8					
2 1/2"	HST-40	124.00	1.4	HST-40HO	100.00	0.8	HS-S67 \$18.00 HS-S610 23.00 (See below for specs.)				
3"	HST-48	134.00	1.5	HST-48HO	110.00	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	\$ 8.00	.01
CP-61	3/8" X 1" DD CARBIDE-TIPPED	8.00	.01

BRAZED-CARBIDE THIN-GAUGE HOLE CUTTERS

For materials up to 1/4" thick

Excellent for all materials:

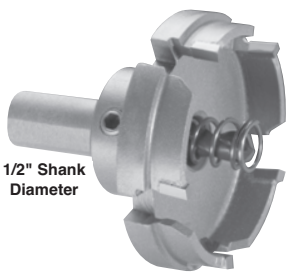
- Sheet metal
- Stainless steel
- Thin plastics

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	\$50.00	0.2
13/16"	TG-13	51.00	0.2
7/8"	TG-14	52.00	0.2
1"	TG-16	54.00	0.3
1 1/16"	TG-17	57.00	0.3
1 1/8"	TG-18	58.00	0.3
1 7/32"	TG-195	59.00	0.3
1 1/4"	TG-20	61.00	0.3
1 5/16"	TG-21	62.00	0.3
1 3/8"	TG-22	63.00	0.3
1 7/16"	TG-23	64.00	0.3
1 1/2"	TG-24	69.00	0.3
1 5/8"	TG-26	77.00	0.3
1 3/4"	TG-28	80.00	0.4
2"	TG-32	84.00	0.4
2 1/8"	TG-34	95.00	0.4
2 1/4"	TG-36	96.00	0.5
2 3/8"	TG-38	97.00	0.5
2 1/2"	TG-40	99.00	0.5

REPLACEMENT PARTS FOR TG HOLE CUTTERS

DESCRIPTION	DIA.	PART NO.	LIST PRICE	WT. (lbs)
Pilot	1/4"	TGP-4	\$8.00	0.1
Spring Ejector	-	ES-40	3.00	0.1

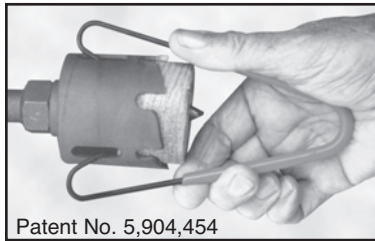
• Additional sizes available on request • For Spring Ejectors see page 25

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®



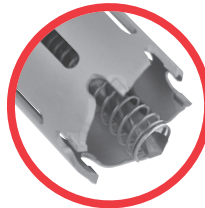
Patent No. 5,904,454

Part No: HSH
List Price: \$6.00

FEATURES:

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

HOLE SAW SPRING EJECTOR SYSTEM

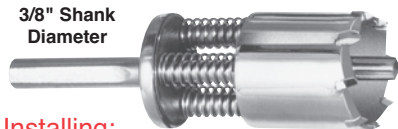


FEATURES:

- 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	\$145.00	0.8	PC-16	\$147.00	1.2	PC-20	\$151.00	1.3	PC-28	\$179.00	1.8
Porcelain Saw Complete*	P-14	77.00	0.3	P-16	78.00	0.6	P-20	79.00	0.6	P-28	99.00	0.8
Finish Hole Saw Complete	F-14	60.00	0.3	F-16	61.00	0.6	F-20	64.00	0.6	F-28	72.00	0.8
Finish Hole Saw Head Only	F-14HO	44.00	0.3	F-16HO	45.00	0.3	F-20HO	49.00	0.4	F-28HO	56.00	0.6
Pilot Drill	PD-42	8.00	0.1	PD-42	8.00	0.1	PD-42	8.00	0.1	PD-42	8.00	0.1
Spring-Loaded Shank	PS-1	18.00	0.2	PS-1	18.00	0.2	PS-2	21.00	0.3	PS-2	21.00	0.3
Shank - Finish Saw	S-12	13.00	0.3	S-34	13.00	0.4	S-34	13.00	0.4	S-34	13.00	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"	\$ 8.00	\$6.00 each carbide + \$ 8.00 sharpen
3/4" thru 1 3/4"	9.00	6.00 each carbide + 9.00 sharpen
1 7/8" thru 2 3/4"	10.00	6.00 each carbide + 10.00 sharpen
3" thru 4"	13.00	6.00 each carbide + 13.00 sharpen
Porcelain Cutter Kits	17.00	6.00 each carbide + 17.00 sharpen
Porcelain Cutter Kit Components	see corresponding sizes above	
All Carbide-Tipped Pilots	5.00	Sharpen only available

How to order a special hole saw

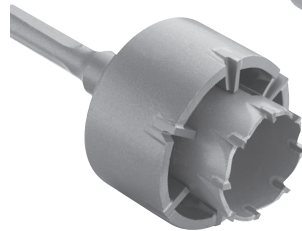
1. Specify material to be cut.
2. Specify diameter.
3. Specify depth of cut.
4. Specify shank diameter (if needed).

Example:

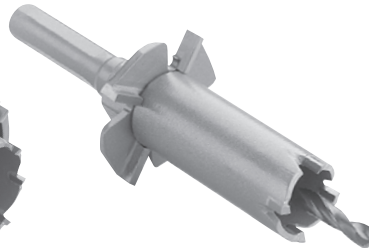
4 1/2"dia x 10"dd Wood Cut with 1 1/4-7 threads for diamond drill rig.



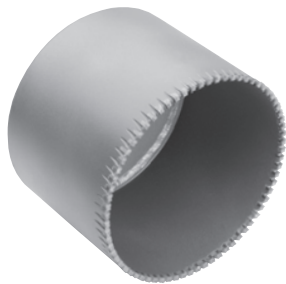
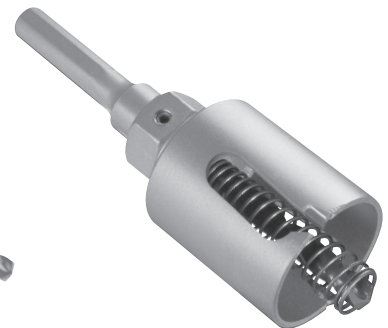
TO FIT DIAMOND DRILL RIGS



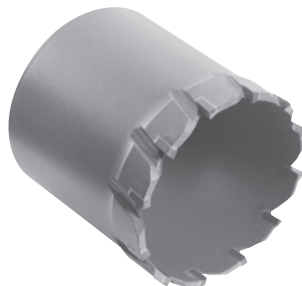
BACK HOLESAWS



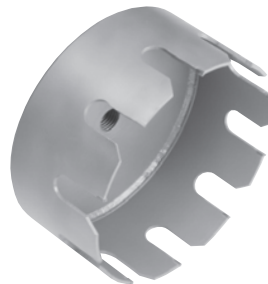
WOOD CUTTING



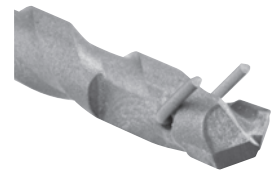
FOR HOT PIPE TAPPING



DEEP-HOLE METAL-CUTTING

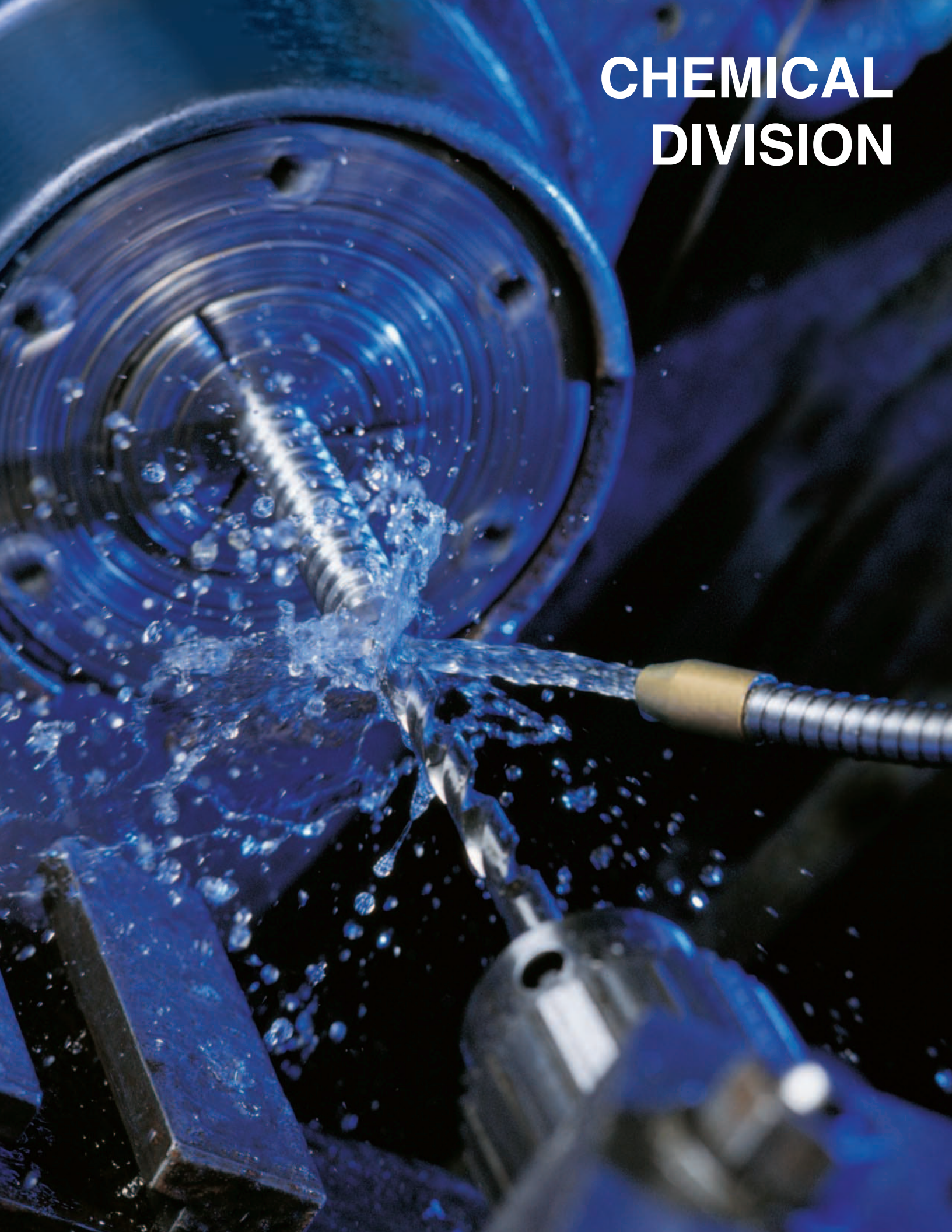


FOR PLASTIC PIPE TAPPING



COUPON RETAINING PILOT

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 Bottles	24	\$ 2.75	\$ 66.00	9
PNT-NRT	Pint Cans	12	8.75	105.00	17
01G-NRT	1 Gallon Bottles	4	48.75	195.00	38
05G-NRT	5 Gallon Pail	1		230.00	47
55G-NRT	55 Gallon Drum			1,690.00	514

NEW RAPID TAP PASTE

08Z-NRTP	8 Ounce Jar	12	\$10.00	\$120.00	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	\$ 2.75	\$ 66.00	9
PNT-A9	Pint Cans	12	8.75	105.00	15
01G-A9	1 Gallon Bottles	4	48.75	195.00	34
05G-A9	5 Gallon Pail	1		230.00	42
55G-A9	55 Gallon Drum			1,690.00	460

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

METAL-CUTTING FLUIDS

OPTION 1[®] 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	\$ 2.75	\$ 66.00	9
PNT-OP	Pint Bottles	12	8.75	105.00	15
01G-OP	1 Gallon Bottles	4	48.75	195.00	38
05G-OP	5 Gallon Pail	1		230.00	48
55G-OP	55 Gallon Drum			1,690.00	506

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

SEMI-SYNTHETIC BAND-SAW FLUID

REL SAW[™] BAND-SAW FLUID CONCENTRATE

DILUTES
UP TO
30:1



- 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	\$29.00	\$116.00	38
05G-RS	5 Gallon Pail	1		120.00	45
55G-RS	55 Gallon Drum			1,090.00	507

† 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	\$10.00	\$120.00	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	\$20.50	\$ 82.00	34
05G-TCO14	5 Gallon Pail	1		90.00	42
55G-TCO14	55 Gallon Drum			630.00	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	\$20.50	\$ 82.00	35
05G-TCO16	5 Gallon Pail	1		90.00	42
55G-TCO16	55 Gallon Drum			630.00	463



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

LUBRICATING OILS

Air-FLO[®] AIR TOOL OIL

**NOW WITH
PTFE**



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	\$ 4.50	\$108.00	8
PNT-AF	Pint Bottles	12	6.25	75.00	14
01G-AF	1 Gallon Bottles	4	18.75	75.00	33
55G-AF	55 Gallon Drum			790.00	441

WINTER GRADE FORMULA (Pour point -45°)

QRT-AFW	Quart Bottles	12	\$ 22.00	\$ 264.00	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	\$ 7.50	\$90.00	23
01G-RA	1-Gallon Bottles	4	22.50	90.00	34

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

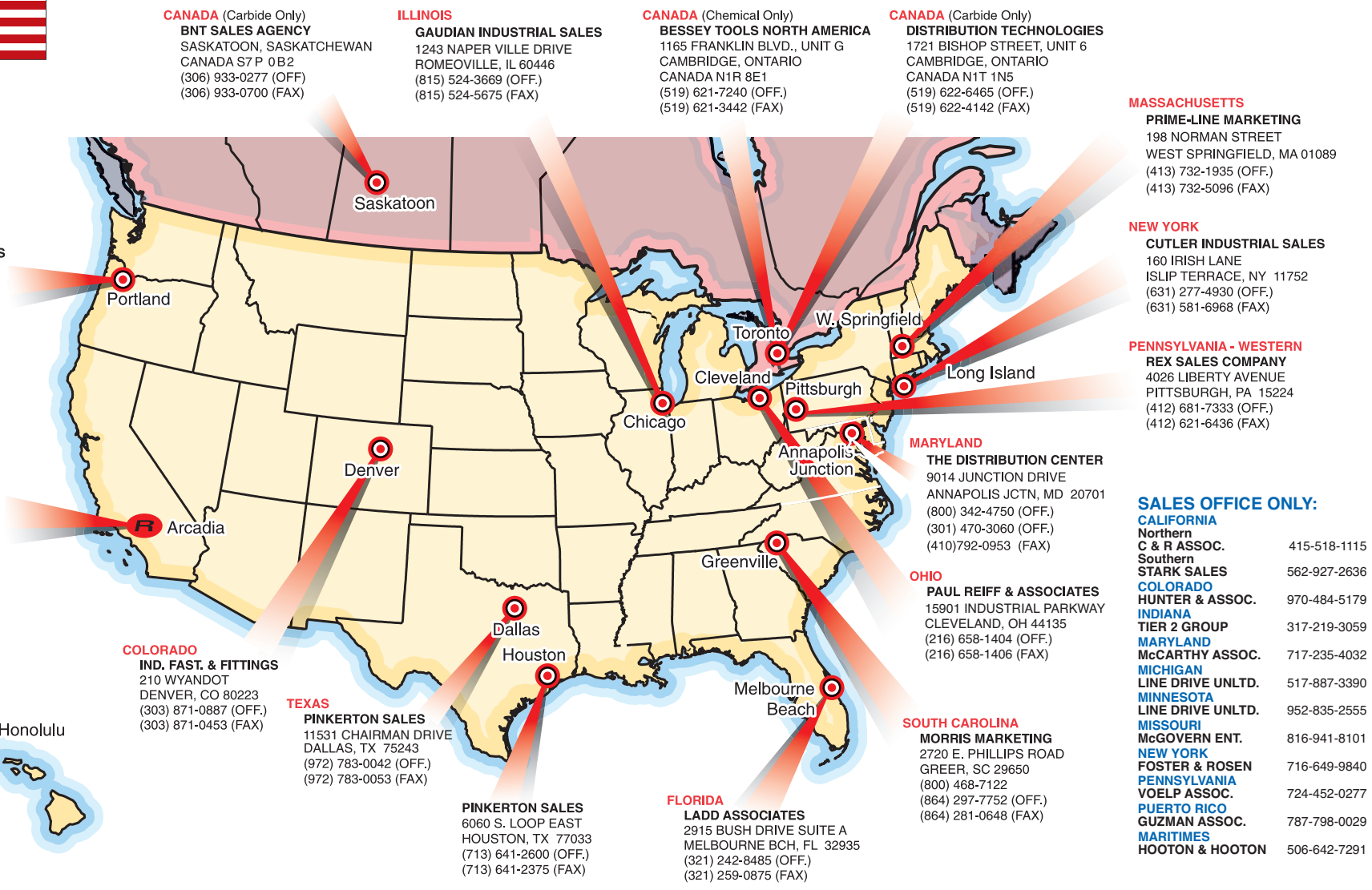
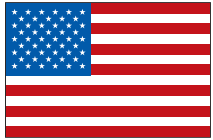


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