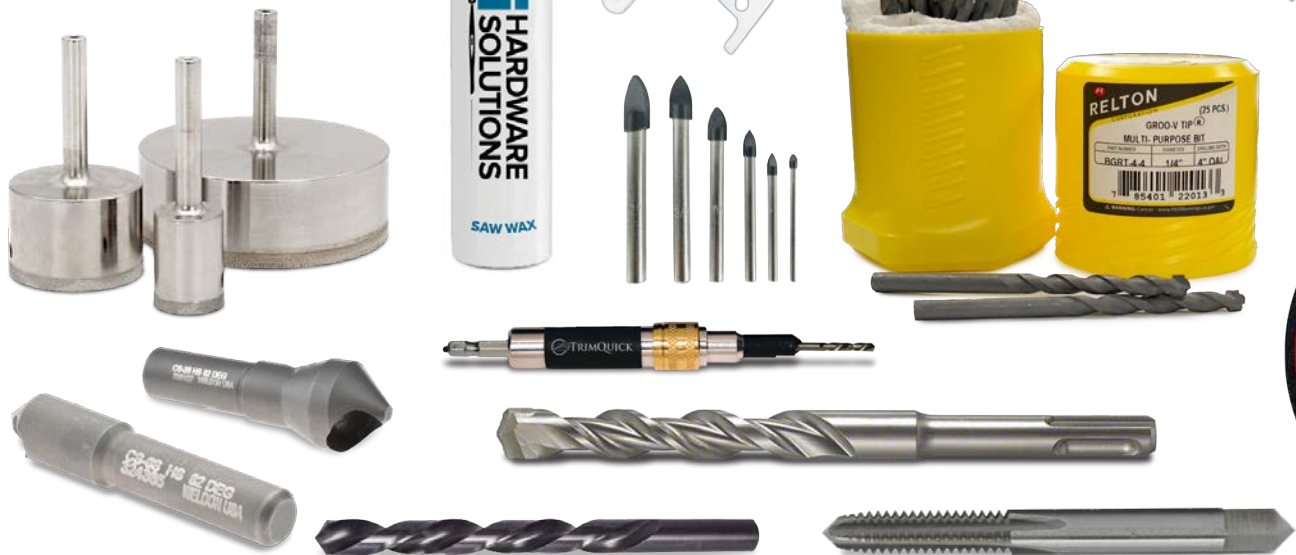


SECTION D

DRILLING & CUTTING

- Carbide Saw Blades
- Cut-Off Wheels
- Hacksaw Blades
- Sawzall Blades
- Diamond Plated Core Drill Bits
- Multi-Purpose Drill Bits
- Countersinking Screws & Cap Driver
- Taper Taps
- Saw Wax
- Utility Knife & Razor Blades



Commercial & Residential Contractor Supply House

HS HARDWARE SOLUTIONS

Glass • Windows • Aluminum • Doors • Mouldings • Tools • Screens • Accessories



HARDWARE SOLUTIONS LLC

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Direct: (619) 737-9999

Text: (619) 796-6088

Email: info@glahs.com

www.hardwareolutions.com

HS CARBIDE SAW BLADE FOR ALUMINUM


BEST SELLER

- Sold Individually
- Triple Chip Grind
- Negative Hook Angle
- Professional Grade C-1 Carbide
- Copper Plugged Expansion Slots
- Tensioned & Hardened Steel Plate
- Used for Cutting U-Channel, L-Channel, J-Channel, Shoe Base & Any Type of Extrusion



ITEM NO.	DIAMETER	ARBOR	TEETH
SWA10	5-3/8" (117 MM)	5/8" (16 MM)	50
SWA15	7" (178 MM)	25/32" (20 MM)	54
SWA20	7-1/4" (171 MM)		60
SWA25	8" (203 MM)	5/8" (16 MM)	60
SWA30	10" (254 MM)		100
SAW35	10" (254 MM)		200
SWA40	12" (305 MM)	1" (25 MM)	120
SWA45	14" (356 MM)		100
SWA50	15" (381 MM)		110

HS CARBIDE SAW BLADE FOR STEEL



- Sold Individually
- Negative Hook Angle
- Triple Chip Tooth Grind
- Laser Cut Expansion Slots
- Professional Grade C-6 Carbide
- Tensioned & Hardened Steel Plate
- Used For Cutting Steel Tubing, Steel Angle, Steel Shapes & Extrusions

ITEM NO.	DIAMETER	ARBOR	TEETH
SWM10	7-1/4" (171 MM)	5/8" (16 MM)	36
SWM15	10" (254 MM)		80

HS WARRIOR MASONRY CUT-OFF WHEEL

BEST SELLER


- Ideal For Any Installation
- For Use With Angle Grinders
- Designed for Making Fast, Clean Cuts in Materials Like Tile, Brick, and Stone
- These Wheels Utilize Silicon Carbide Abrasive and Are Reinforced With Fiberglass Mesh for Added Safety and Controlled Performance

ITEM NO.	DESCRIPTION	ARBOR	QTY
16CUT	4-1/2" (114 MM)	7/8" (22 MM)	PACKS OF 10

HS CARBIDE SAW BLADE FOR STAINLESS STEEL



- Sold Individually
- Negative Hook Angle
- Triple Chip Tooth Grind
- Laser Cut Expansion Slots
- Professional Grade C-6 Carbide
- Tensioned & Hardened Steel Plate
- Used for Cutting Stainless Steel Hand Rails, Cladding, Cap Rails and Stainless Steel Extrusions

ITEM NO.	DIAMETER	ARBOR	TEETH
SWSS10	7-1/4" (171 MM)	5/8" (16 MM)	36



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HS HARDWARE SOLUTIONS


HS HACKSAW REPLACEMENT BLADES



BEST SELLER



- Heat-Treated Steel Blade for Ultimate Durability
- Steel Edge With a Flexible Steel Alloy Backing
- Carbon Steel is Ideal for Cutting Nonferrous Metals, PVC, ABS Plastic, and Wood
- Teeth Create Fast and Clean Cuts

ITEM NO.	TPI	LENGTH	QTY
HSB18	18	12" (305 MM)	PACKS OF 10
HSB24	24	12" (305 MM)	

HS 12" ADJUSTABLE HACKSAW



- Contoured Rubber Grip for Comfortable Use
- Adjustable Frame Fits Both 10" and 12" Hacksaw Blades
- Ideal for Cutting Metal, Plastic Pipe, Conduit, and General Materials
- Durable Design Makes Straight and Flush Cuts Longer Than the Saw's 3" Throat Depth

ITEM NO.	OVERALL LENGTH
HTHS	16" ADJUSTABLE FRAME

HS RECIPRICATING SAW BLADES FOR SAWZALL



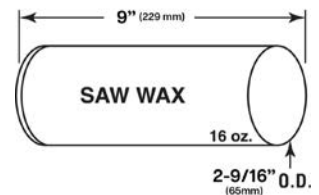
BEST SELLER



- A Must-Have Tool for Various Cutting Needs
- Ideal for Cutting Medium-Thick Metal Sheets Ranging From 0.1 to 0.125 Inches (3 Millimeters)
- These Reciprocating Saw Blades Are Suitable for Cutting Steel, Pipes, Vehicle Bodies, Stainless Steel, Cast Iron, Stud, Nails, and Water Pipes
- Made of Bi-Metal | M42 Metal With 8% Cobalt & D6A Metal
- The 1/2-inch Shank is Compatible With Mainstream Sawzall Tools on the Market, Including Dewalt, Bosch, Milwaukee, Makita, Black & Decker, Ryobi, and More

ITEM NO.	TPI	LENGTH	QTY
SZB6M	14/18	6" (152 MM)	PACKS OF 10
SZB9M		9" (229 MM)	

HS TUBE WAX CUTTING BLADE & BELT LUBRICANT



- Tube Wax Lubricant is a Special Formulation of Solid Waxes That Comes in a Convenient, Soft Stick
- Use It for All Sawing, Grinding, Drilling, Tapping, Sanding and Fastening Operations to Increase Production Quality and Improve Tool Life
- Apply Directly to the Surface to Be Lubricated, E.G. Sanding Discs, Cutting Discs, Drill Bits, Screws Etc.
- Helps to Minimize Screws From Breaking and Speeds the Installation by Lubing the Threads. Improves Finish and Performance During Sanding, Fastening and Grinding



ITEM NO.	DESCRIPTION
SWAX	16OZ. GREASE STICK TUBE FOR BELT OR BANDSAW



HS DIAMOND PLATED CORE DRILL

- Most Popular Production Glass Drill Bits
- Specialized Hollow Bits Designed For Drilling Clean, Precise Holes In Hard, Brittle Materials Like Glass, Ceramics, Porcelain, and Soft Stone
- The Sturdy Solid Steel Construction Allows Quick Hole Drilling With Clean Break-Outs
- Although Diamond Plated, This Drill May Be Sharpened One Time After It Is Worn Out



ITEM NO.	DIAMETER	QTY
DD14	1/4" (6 MM)	PACKS OF 5
DD516	5/16" (8 MM)	PACKS OF 5
DD38	3/8" (10 MM)	SOLD INDIVIDUALLY
DD12	1/2" (13 MM)	SOLD INDIVIDUALLY
DD58	5/8" (16 MM)	SOLD INDIVIDUALLY
DD34	3/4" (19 MM)	SOLD INDIVIDUALLY
DD78	7/8" (22 MM)	SOLD INDIVIDUALLY
DD1	1" (25 MM)	SOLD INDIVIDUALLY
DD1116	1-1/16" (17 MM)	SOLD INDIVIDUALLY
DD118	1-1/8" (29 MM)	SOLD INDIVIDUALLY
DD114	1-1/4" (32 MM)	SOLD INDIVIDUALLY
DD112	1-1/2" (38 MM)	SOLD INDIVIDUALLY
DD134	1-3/4" (44 MM)	SOLD INDIVIDUALLY

ITEM NO.	DIAMETER	QTY
DD2	2" (51 MM)	PACKS OF 5
DD218	2-1/8" (54 MM)	PACKS OF 5
DD214	2-1/4" (57 MM)	SOLD INDIVIDUALLY
DD212	2-1/2" (64 MM)	SOLD INDIVIDUALLY
DD234	2-3/4" (70 MM)	SOLD INDIVIDUALLY
DD3	3" (76 MM)	SOLD INDIVIDUALLY
DD3316	3-3/16" (81 MM)	SOLD INDIVIDUALLY
DD314	3-1/4" (83 MM)	SOLD INDIVIDUALLY
DD312	3-1/2" (89 MM)	SOLD INDIVIDUALLY
DD334	3-3/4" (91 MM)	SOLD INDIVIDUALLY
DD4	4" (102 MM)	SOLD INDIVIDUALLY
DD412	4-1/2" (114 MM)	SOLD INDIVIDUALLY
DD5	5" (127 MM)	SOLD INDIVIDUALLY

HS TRIPOD GLASS DRILLING MACHINE



- Solid Steel Legs
- Cast Iron Base
- Weighs Only 25 lbs
- Drills Holes Up to 7" Diameter
- Standard 3/8" Keyed Chuck
- One-Year Limited Warranty
- Soft Concave Rubber Feet for Best Grip
- Smooth Double Sealed Ball Bearing Construction

ITEM NO.	MOTOR
TGDM	2500 RPM 110V A/C MOTOR

HS RELTON GROO-V TIP MULTI-PURPOSE BIT


RELTON
CORPORATION

**BEST
SELLER**

- Available in Bulk Packs of 25
- Commonly Used in Shower Door Installations
- Engineered to Drill Through Tile, Hard Metal, Plastic, Wood, Marble, Granite, Masonry and Other Material
- Penetrates Up to 50% Faster Than Standard Masonry Bits

ITEM NO.	DIAMETER	LENGTH	QTY
REL3163	3/16" (5 MM)	3" (76 MM)	SOLD INDIVIDUALLY
REL3164	3/16" (5 MM)	4" (102 MM)	SOLD INDIVIDUALLY
REL3166	3/16" (5 MM)	6" (152 MM)	SOLD INDIVIDUALLY
REL144	1/4" (6 MM)	4" (102 MM)	SOLD INDIVIDUALLY
REL146	1/4" (6 MM)	6" (152 MM)	SOLD INDIVIDUALLY
REL5164	5/16" (8 MM)	4" (102 MM)	SOLD INDIVIDUALLY
REL5166	5/16" (8 MM)	6" (152 MM)	SOLD INDIVIDUALLY
REL384	3/8" (10 MM)	4" (102 MM)	SOLD INDIVIDUALLY
REL386	3/8" (10 MM)	6" (152 MM)	SOLD INDIVIDUALLY
REL3812	3/8" (10 MM)	12" (305 MM)	SOLD INDIVIDUALLY
REL126	1/2" (13 MM)	6" (152 MM)	SOLD INDIVIDUALLY



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HS **HARDWARE
SOLUTIONS**


HS BI-METAL HOLESAW



- White Finish
- Sold Individually
- 1-1/2" Cutting Depth
- Used With Shank Arbor **RTSA**
- Cuts Through 2"X4" Wood Planks
- Heavy Duty Bi-Metal Construction
- Heat-Treated Steel Alloy Backing
- Variable Pitch 4/6TPI Cutting Teeth
- Cobalt Matrix High Speed Steel Welded Cutting Edge
- Positive Rake Angled Teeth for Quick and Smooth Cuts
- Side Cutouts Allow for Efficient and Easy Chip & Debris Removal

ITEM NO.	DIAMETER	PIPE ENT. SIZE	FINISH
HSAW	1-1/8"	3/4"	CARBON STEEL

HS 1/4" ROUND TRIANGLE SHANK ARBOR



- Sold Individually
- Designed for Heavy-Duty Use With High-Speed Steel (HSS) Construction
- Features a Push-Plate Lock Mechanism for a More Secure Fit
- Used With Holesaw **HSAW**
- 5/8"-18 Thread, Which Provides a Universal Fit for Most Major Hole Saw Brands

ITEM NO.	HEX SHANK	FITS HOLE SAW
RTSA	1/4"	9/16" TO 1-1/8"

HS QUICKBIT VINYL WINDOW DRILL COUNTERSKING SCREW & CAP DRIVER



- Sold Individually
- This Tool Ensures High-Precision Results for Window Trim Projects
- Allows You to Drill a Pilot Hole and Create a Countersink in One Action, Eliminating the Need to Switch Between Multiple Bits
- The Quickbit Offers a 1/8" Pilot Hole and a 3/8" Countersink Hole

ITEM NO.	DRILL BIT SIZE	DIAMETER	DRILLING DEPTH
QBPC	1/8" (3 MM)	3/8" (10 MM)	1" (25 MM)

HS METAL CUTTING BLACK OXIDE JOBBER DRILL BITS



- Overall Length – 3-1/4" (Jobber Length)
- Ideal for Steel, Sheet Metal, PVC, MDF, Oak, Maple, Aluminum & More
- 135° Split Point Designed to Prevent Wobbling, Walking or Skating
- Black Oxide Finish Adds a Protective Coating That Results in Corrosion Resistance, Extended Bit Life, & Increased Heat Resistance

ITEM NO.	DIAMETER	QTY
DM1357	7/64" (3 MM)	PACKS OF 12
DM1358	1/8" (3 MM)	PACKS OF 12
DM1360	9/64" (3.6 MM)	PACKS OF 12
DM1361	5/32" (4 MM)	PACKS OF 12
DM1362	11/64" (4.5 MM)	PACKS OF 12
DM1363	3/16" (5 MM)	PACKS OF 12
DM1364	13/64" (5 MM)	PACKS OF 12
DM1365	1/4" (6 MM)	PACKS OF 12
DM1366	5/16" (8 MM)	PACKS OF 6
DM1367	3/8" (10 MM)	PACKS OF 6
DM1368	7/16" (11 MM)	PACKS OF 6
DM1369	1/2" (13 MM)	PACKS OF 6



HS BLACK OXIDIZED MASONRY DRILL BITS



HRC 48

- Shock Resistant
- Tungsten Carbide Tip
- Straight, Round Shank for a Wide Range of Compatibility With Popular Drill Chucks
- Heavy Duty Heat-Treated Steel Alloy Flute and Body Ideal for Drilling Into Brick, Concrete, Tile, Stone, and Cinder Blocks

ITEM NO.	DIAMETER	LENGTH	QTY
DC1375	3/16" (5 MM)	4"	PACKS OF 10
DC1376	3/16" (5 MM)	6"	PACKS OF 10
DC1377	1/4" (6 MM)	4"	PACKS OF 10
DC1378	1/4" (6 MM)	6"	PACKS OF 10
DC1380	3/8" (10 MM)	6"	PACKS OF 10
DC1379	3/8" (10 MM)	12"	PACKS OF 10
DC1381	1/2" (13 MM)	12"	PACKS OF 10
DC1382	5/8" (16 MM)	6"	PACKS OF 10

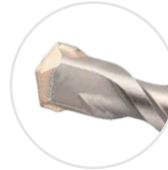
HS COUNTERSINK FOR ALUMINUM



- Sold in Bundle Packs of 10
- Creates a Conical, Angled Hole, Allowing Flathead Screws or Rivets to Sit Flush With or Slightly Below the Surface
- Feature a Unique Cross-hole Design to Prevent Chatter
- These High-Speed Steel Tools Provide Extremely Smooth Finishes

ITEM NO.	DIAMETER	SCREW SIZE
CS8	19/64" (8 MM)	#6
CS26	11/32" (9 MM)	#8
CS10	25/64" (10 MM)	#10
CS18	16/64" (6 MM)	#18
CS6	13/16" (21 MM)	#26A

HS SDS ROTARY HAMMER DRILL BITS



HRC 48

U-SHAPED
FLUTE DESIGN

SDS SHANK



- Shock Resistant
- Tungsten Carbide Tip
- SDS+ Shank for the Ultimate Grip With Chucks
- Heavy Duty Heat-Treated Steel Alloy Flute and Body
- Ideal for Drilling Into Brick, Concrete, Tile, Stone, and Cinder Blocks

ITEM NO.	DIAMETER	LENGTH	QTY
RHBX14	1/4" (6 MM)	6-1/2" (165 MM)	PACKS OF 25
RHBX38	3/8" (10 MM)	6-1/2" (165 MM)	PACKS OF 25
RHBX516	5/16" (8 MM)	6-1/2" (165 MM)	PACKS OF 25

HS CARBIDE TIPPED SPEARPOINT DRILL BITS



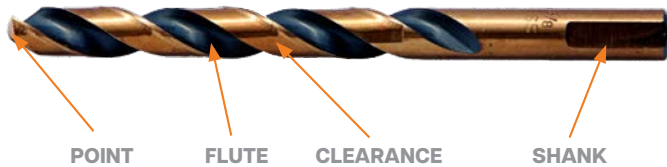
- Use With Constant Flow of Coolant or Water
- Use Light Feed and Steady Pressure for Best Performance
- Specifically Designed for Drilling Clean, Precise Holes in Challenging Materials Like Glass, Porcelain, and Ceramic

ITEM NO.	SHANK DIAMETER	QTY
SP18	1/8" (3 MM)	1 EA.
SP316	3/16" (5 MM)	SOLD INDIVIDUALLY
SP732	7/32" (5.5 MM)	SOLD INDIVIDUALLY
SP14	1/4" (6 MM)	SOLD INDIVIDUALLY
SP516	5/16" (8 MM)	SOLD INDIVIDUALLY
SP38	3/8" (10 MM)	SOLD INDIVIDUALLY
SP12	1/2" (13 MM)	SOLD INDIVIDUALLY



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DRILL BIT INFORMATION:



- Spiral Flutes Channel Cutting Fluid Along the Bit and Reduces Wear and Tear by Removing Material and Heat
- Clearance on the Lands Section of the Bit Assists Chip Removal by Pushing Out Debris From the Drill Bit After Cutting



135° SPLIT POINT

This point design allows the bit to have a built-in center drilling point which makes the drill bit cut faster and cleaner by eliminating "walking" on the drilling surface and making center drill holes unnecessary

HS #9 SINGLE EDGE HEAVY DUTY RAZOR BLADES



- Made in USA
- Industrial Blade
- Includes Steel Back

ITEM NO.	SIZE	QTY
RZ9	#9 RECTANGLE .009" THICK	PACKS OF 100

HS HEAVY DUTY UTILITY KNIFE RAZOR BLADES



- Precision Honed, Surgical Steel Edges
- Each Blade is Individually Wrapped
- Used with Utility Knife **RUKRED**

ITEM NO.	SIZE	QTY
RZ2	.025 METAL RECTANGLE	PACKS OF 100

HS CARTON BOX CUTTER SINGLE BLADES



- Each Knife Contains One Blade in Cutting Position and an Empty Place for a Spare Blade in the Chamber
- Tapping on Either End of the Knife Exposes or Covers the Blade

ITEM NO.	MATERIAL	QTY
CCUSA	RETRACTABLE METAL	BOX OF 12

HS SINGLE EDGE PLASTIC RAZOR BLADES



- Chemical Resistant - Will Never Rust
- Fits All Standard Razor Blade Holders
- Perfect to Use on Plastic Coated Windows or Hard Surfaces That Can Be Marred or Scratched by Metal Blades

ITEM NO.	FINISH	QTY
RZP	PLASTIC	PACKS OF 100

HS THE PRO'S CHOICE RETRACTABLE UTILITY KNIFE



- Made in USA
- 3 Blade Storage
- Takes Utility Blade **RZ2**
- For Industrial or Home Use
- 3 Adjustable Cutting Positions

ITEM NO.	COMMON USES
RUKRED	CUTTING CARDBOARD, FOAM BOARD, SOFT WOODS AND SIMILAR MATERIALS

