

## CARBIDE TIPPED HOLE CUTTERS



CTS  
STYLE



CTD  
STYLE

- Precision ground tooth
- Step-Center Pilot Bit
- Grooved gullet
- Cuts Sheet metal, stainless steel, pipe, aluminum, PVC / ABS, plastic
- Two cutting depths  
3/16" for sheet metal applications  
1" for pipe/conduit applications

- Smooth cutting action
- Reduces "break through" impact
- Directs chip away from cut



- Burr free hole
- Longer cutting life
- Faster cutting



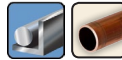
## STEP DRILLS – HSS & TiN COATED

ESD



- Trailing flute
- Three flats on shank
- New split point tip for self start holes
- TiN coating available
- Cuts steel, copper, brass, aluminum, plexiglass, and other thin materials
- 11 sizes, self starting & hole enlarging

- Automatically deburs holes
- Securely fastens in power drill
- More chip clearance, less resistance
- Reduces friction



- Less secondary work saves time
- Increased accuracy when drilling
- Faster penetration
- Increases drill life



## SPADE BITS

WSB



- Angled spur
- Wire pulling hole
- 1/4" quick change stem
- Cuts wood and wood composites
- Sizes from 1/4" to 1-1/2"
- 6" length

- Scribes hole before chip is made
- Uses bit to pull lead wire back through drilled hole
- Works with 1/4" Fast-Adapt™ MQC14
- Total of 17 diameters available



- Cleaner hole with less vibration
- Saves time
- Fits all drills, quick tool changes



## DOUBLE CUT AUGER BITS

WSAB

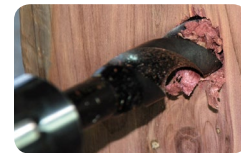


- Screw tip
- Double flutes
- Re-sharpenable edges
- Cuts wood and nail-embedded wood
- Lengths available: 7-1/2" and 18"
- Diameters range from 3/8" to 1-1/2"

- Self feeds into cut
- Fast chip removal
- Maintain sharp edge/extend bit life
- Deep boring or work between studs
- Total of 28 bit sizes available



- Easy starting
- Speeds cutting
- Less downtime and saves money



## SELF-FEED WOOD BITS

WSF



- Precision hardened cutting edge
- Single chip lift design
- Aggressive self-feed screw
- Quick change 7/16" hex shank
- Shanks have milled flats
- Re-sharpenable cutting edges
- Cuts wood, wood composites, plastic
- Hole boring in PVC & plastic conduit

- Clean smooth holes
- Efficient chip removal
- Pulls bit through cut
- Fast bit changes
- Secure gripping by drill chuck
- Fresh cutting edges multiple times



- Accurate and consistent hole size
- Fast cutting
- Accuracy of cut and ease of use
- Re-sharpenable cutting edges

