

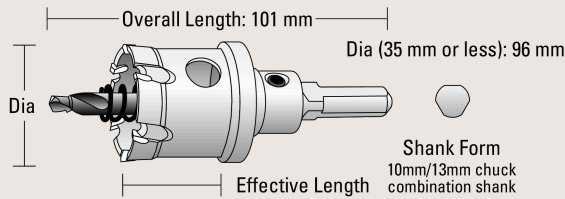
T.C.T Hole Saw **META-CORE TR**



- 3-ply cutters reducing tip crack even with hard use. Realizes light and speedy drilling and long lifetime.
- The 25mm effective depth enables drilling ranging from thick steel plate to curved face drilling in thick metal pipes.
- Adopts the step center drill that dampens impacts that occur when the center drill passes through.

⚠ When drilling a metal plate with a thickness of 10 mm or more, use the center drill (STR-6) [option].

Effective Length	25 mm (Cutter Body Depth: 25 mm)
Applicable Electric Tool	Electric Drill / Drilling Maching



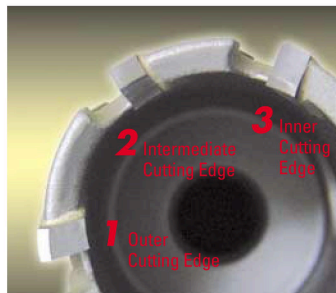
STEEL PLATE (HB200 or less)	STAINLESS STEEL (up to 10 mm)
PIPE MATERIAL	ALUMINUM (up to 5 mm)
FRP	PVC
	PLASTIC

Ejector spring (Dia: 20 mm or more) / compatible with pipes and stainless steel

HOLE SAWS

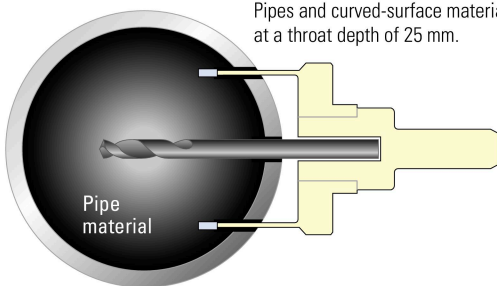
3-Ply Cutters

Cutting the shavings to one-third with respect to the cutting width using 3-ply cutters (outer, inner and intermediate cutting blades) has dramatically decreased cracks on the tip corner. This also includes inside cutting edges so debris can be discharged smoothly.



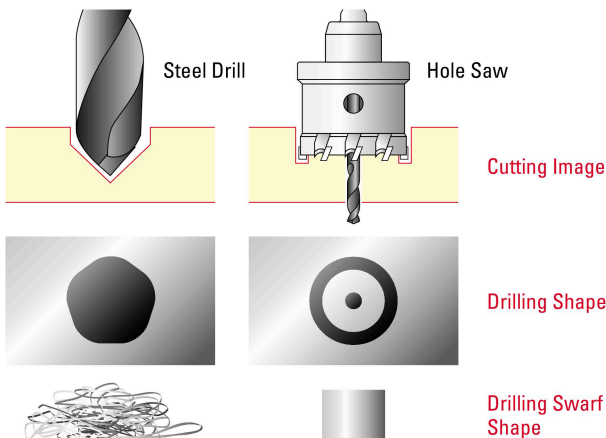
Compatible with Pipe-Drilling

Pipes and curved-surface materials can be drilled at a throat depth of 25 mm.



Hole Saw Drilling Efficiency

Hole saw drilling has a smaller cutting area compared to steel drills, enabling short-time drilling.



Drilling swarf discharge groove

Drilling swarf is efficiently discharged through these drilling swarf discharge grooves to the peripheral side. Clogging of drilling swarf between the work material and cutting edge makes drilling impossible, which leads to tips cracking and chipping.



Shavings escape hole

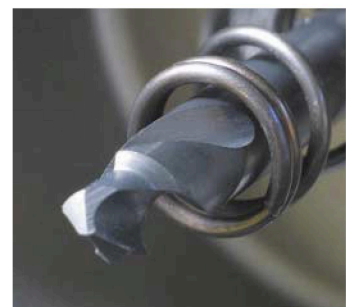
An escape hole, which is convenient for shavings removal, is equipped with hole saws of all diameters.

⚠ After removing the main unit from the motor, insert the driver, etc., into the shavings escape hole and push out debris.



Newly developed step center drill

Two-step structure of the center drill tip end dampens impacts that occur when the center drill passes through, preventing cracking of the tungsten carbide/ultra-hard tip.



10 mm/13 mm chuck combination shank

Allows for most drill chuck diameters.

