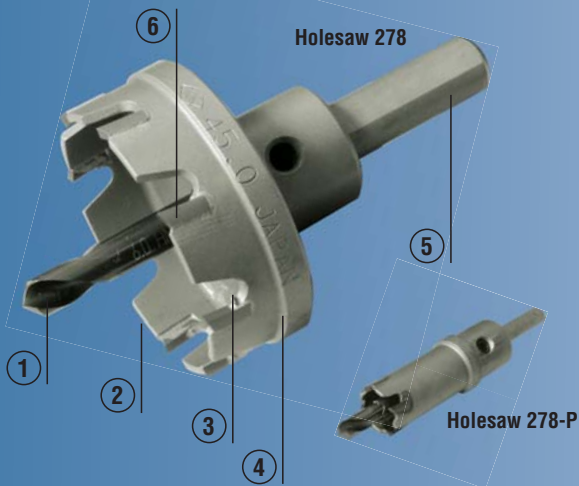


## TENN TCT Hole Saws

### Tungsten Carbide-Tipped Hole Saws

*Tenn TCT Hole Saws produce clean, accurate and round large diameter holes in many materials. Unlike twist drill bits, hole saws create the hole by cutting only along the circumference of the hole. The volume of material removed is very much less. The time taken as well as machine power requirements are also very much reduced.*

**PERFORMANCE FEATURES OF TENN TCT HOLE SAWS**  
Drill press quality holes.....achieved with free-hand drilling!



1. **Cobalt steel centre bit with split point**  
Penetrate tough materials rapidly.
2. **Thin wall cutter body**  
Lighter weight reduces stress on machine.
3. **Wide gullets**  
For rapid discharge of chips and reduced drag.
4. **Integral flange**  
For operator safety.
5. **Hexagonal shank**  
For optimal chuck grip and torque transfer.
6. **Tungsten carbide tips**  
Solidly brazed and randomly spaced carbide teeth reduce chattering, cutting force and load on the drilling machine.

### Tenn TCT Hole Saw Range

Two types of hole saws are available:

#### 1.) Holesaw 278

Holesaw 278 makes clean, accurate and round holes on flat material, including stainless steel, structural steel, brass, aluminium, FRP – up to 4 mm thick

#### 2.) Holesaw 278-P

Holesaw 278-P makes clean, accurate and round holes on curved surfaces – pipes and tubes of stainless steel, structural steel, brass, aluminium, FRP – up to 7 mm thick



#### Sizes in mm

15, 16, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 35, 37, 38, 40, 42, 43, 45, 48, 50, 51, 55, 60, 63, 65, 70, 75, 80, 90.  
Other sizes made to order.

### HOW TO USE

Apply pressure until centre bit penetrates the material. Once the carbide tips contact material, apply only light but even pressure so that drill speed is not reduced. Do not wobble hole saw from side to side but drill straight steadily.

For best results, select the most suitable drill speed (RPM) for the hole saw diameter used.

Hole Saw Diameter mm	RPM		
	Stainless Steel	Structural Steel	Galvanised Sheet
15-19	800-1000	450-800	1500-2000
20-29	480-800	315-420	1000-1400
30-39	320-530	250-350	650-950
40-49	240-400	195-250	470-720
50-59	200-320	160-195	380-570
60-69	150-250	120-160	300-500
70-79	100-150	100-120	200-350
over 80	under 100	under 100	under 200



*Lubrication extends life of carbide tips*