



## TCT metric - 35 mm

HMS (DoC 35 mm)	
Ø 12 - 17 mm	Ø 18 - 100 mm
IBC.75 (6.35 x 90 mm)	IBC.80 (8.00 x 103 mm)
HMSU (DoC 35 mm)	
Ø 12 - 17 mm	Ø 18 - 60 mm
IBC.75 (6.35 x 90 mm)	IBC.80 (8.00 x 103 mm)

## TCT metric - 55 mm

HML (DoC 55 mm)	
Ø 12 - 17 mm	Ø 61 - 200 mm
IBC.90 (6.35 x 102 mm)	IBC.100 (8.00 x 122 mm)
Ø 18 - 60 mm	IBC.2P-144 (8.00 x 145 mm)
IBC.80 (8.00 x 103 mm)	
HMLU (DoC 55 mm)	
Ø 12 - 17 mm	Ø 18 - 60 mm
IBC.90 (6.35 x 102 mm)	IBC.80 (8.00 x 103 mm)

## TCT metric - 75 &amp; 100 mm

HMV (DoC 75 mm)	HMX (DoC 100 mm)
Ø 12 - 17 mm	Ø 12 - 17 mm
IBC.K25 (6.35 x 127 mm)	IBC.110 (6.35 x 159 mm)
Ø 18 - 50 mm	Ø 18 - 200 mm
IBC.140 (8.00 x 150 mm)	IBC.130 (8.00 x 165 mm)
IBC.157 (8.00 x 159 mm)	IBC.2P-168 (8.00 x 170 mm)

## TCT metric - 150 &amp; 200 mm

HMW (DoC 150 mm)	HMV (DoC 200 mm)
Ø 22 - 200 mm	Ø 22 - 200 mm
IBC.160 (8.00 x 201 mm)	IBC.150 (8.00 x 252 mm)
IBC.2P-205 (8.00 x 206 mm)	IBC.2P-256 (8.00 x 258 mm)

## TCT imperial - 1"

HMS (DoC 1")	
Ø 7/16" - 11/16"	3/4" - 4"
IBC.75 (6.35 x 90 mm)	IBC.80 (8.00 x 103 mm)
HMSU (DoC 1")	
Ø 7/16" - 11/16"	Ø 3/4" - 2 5/16"
IBC.75 (6.35 x 90 mm)	IBC.80 (8.00 x 103 mm)

## TCT imperial - 2"

HML (DoC 2")	
Ø 7/16" - 11/16"	Ø 2 3/8" - 8"
IBC.90 (6.35 x 102 mm)	IBC.100 (8.00 x 122 mm)
3/4" - 2 5/16"	IBC.2P-144 (8.00 x 145 mm)
IBC.80 (8.00 x 103 mm)	
HMLU (DoC 2")	
7/16" - 11/16"	
IBC.90 (6.35 x 102 mm)	
3/4" - 2 15/16"	
IBC.80 (8.00 x 103 mm)	

## TCT imperial - 3" &amp; 4"

HMV (DoC 3")	HMX (DoC 4")
Ø 7/16" - 11/16"	Ø 7/16" - 11/16"
IBC.K25 (6.35 x 127 mm)	IBC.110 (6.35 x 159 mm)
Ø 3/4"- 3"	Ø 3/4" - 8"
IBC.140 (8.00 x 150 mm)	IBC.130 (8.00 x 165 mm)
IBC.157 (8.00 x 159 mm)	IBC.2P-168 (8.00 x 170 mm)

## TCT imperial - 6" &amp; 8"

HMW (DoC 6")	HMV (DoC 8")
Ø 7/8" - 8"	Ø 7/8" - 8"
IBC.160 (8.00 x 201 mm)	IBC.150 (8.00 x 252 mm)
IBC.2P-205 (8.00 x 206 mm)	IBC.2P-256 (8.00 x 258 mm)

## TCT Rail metric - 25 &amp; 35 mm

TRCS (DoC 25 mm)	TRCS (DoC 35 mm)
Ø 17 - 36 mm	Ø 17 - 36 mm
IBC.70 (6.35 x 77 mm)	IBC.75 (6.35 x 90 mm)

## Hole Saw

# Tungsten Carbide Tipped Hole Saw



Twist drills come in different materials and sizes, but above a certain diameter size it's no longer possible to drill with the twist drill. The amount of material to be cut would be too large and the drilling process would take extremely long. That's where the hole saws come in! With our multi-purpose TCT Hole saws you can drill holes from 11 mm up to 50 mm with portable power tools and stationary machines, without using extreme force or power. As the name suggests, the hole saw is hollow in the middle and only the cutting edges cut the material. This saves a lot of time and energy. The great thing about our hole saws is that they are very durable because they are Tungsten carbide tipped. Compared to bimetal hole saws they have a 10 times longer lifespan.

The hole saws are equipped with a pilot drill and ejector spring. The pilot drill allows simple centering and clean guidance in the material. With the ejector spring, the cut material is easily ejected from the hole saw. The safety stopper protects the workpiece (also a hex key is included for fixing the pilot drill).

- Material thickness for hand drills: max. 6 mm (1/4")
- Recommended hole diameter for hand drills: max 25 mm (1")
- Material thickness for portable magnetic drilling machines: max. 27 mm (1 1/16")
- Parallel shank with 3 flats - Fits all common drill chucks

Diameter	Code
11	THS.110
12	THS.120
13	THS.130
14	THS.140
15	THS.150
16	THS.160
17	THS.170
18	THS.180
19	THS.190
20	THS.200
21	THS.210
22	THS.220
23	THS.230
24	THS.240
25	THS.250
26	THS.260
27	THS.270
28	THS.280
29	THS.290
30	THS.300
31	THS.310
32	THS.320

Diameter	Code
33	THS.330
34	THS.340
35	THS.350
36	THS.360
37	THS.370
38	THS.380
39	THS.390
40	THS.400
41	THS.410
42	THS.420
43	THS.430
44	THS.440
45	THS.450
46	THS.460
47	THS.470
48	THS.480
49	THS.490
50	THS.500
7/16"	THS.7/16"
1/2"	THS.1/2"
9/16"	THS.9/16"
5/8"	THS.5/8"

Diameter	Code
11/16"	THS.11/16"
3/4"	THS.3/4"
13/16"	THS.13/16"
7/8"	THS.7/8"
15/16"	THS.15/16"
1"	THS.1"
1-1/16"	THS.1-1/16"
1-1/8"	THS.1-1/8"
1-3/16"	THS.1-3/16"
1-1/4"	THS.1-1/4"
1-5/16"	THS.1-5/16"
1-3/8"	THS.1-3/8"
1-7/16"	THS.1-7/16"
1-1/2"	THS.1-1/2"
1-9/16"	THS.1-9/16"
1-5/8"	THS.1-5/8"
1-11/16"	THS.1-11/16"
1-3/4"	THS.1-3/4"
1-13/16"	THS.1-13/16"
1-7/8"	THS.1-7/8"
1-15/16"	THS.1-15/16"
2"	THS.2"

### Benefits of the TCT hole saw

- Fits in your standard drilling machine
- "Tapered point" twist drill
- 3 mm optimized wall thickness
- 13 mm 3-flat shank
- 27 mm Depth of Cut
- More cutting teeth



Watch our machines in action on:  
[www.youtube.com/euroboorby](http://www.youtube.com/euroboorby)



### 6 piece TCT hole saw kit

- TCT Hole Saw size Ø 12, 14, 16, 18, 20, 22 mm
- HSS-M2 twist drill x6
- Springs x6
- Hex key

**THS.KIT/6-M**

### Specifications

Max. material thickness for drilling in:

- Steel with bench drill: approximately 20 mm (13/16")
- Stainless steel with bench drill: approximately 10 mm (3/8")
- Aluminium with bench drill: approximately 20 mm (13/16")

### TCT Hole Saw

- up to Ø 18 mm (11/16"): 10 mm (3/8") shank
- From Ø 19 mm (3/4") and up: 13 mm (1/2") shank
- Max. depth of cut: 27 mm (1 1/16")
- Wall thickness: 3 mm (1/8")