

**Hole saw, bi-metal, Diameter: 111 mm****Order data**

Order number	589030 111
GTIN	082472300703
Item class	58Z

**Description****Version:**

**Robust unbreakable construction** with variable toothting on flexible special steel body (bimetal). The reinforced stiff base is equipped with thread and drive pin holes (from Ø 32 mm) for secure mounting on the arbor. The high quality of the HSS teeth, the teeth geometry and the tight manufacturing tolerances guarantee the best cutting performance and tool life.

- **Variable tooth pitch 4.5 / 5.5 tpi with reinforced teeth (Tough Teeth).**
- **Maximum depth of cut for all sizes <br> 40 mm.**
- **Optimised coating reduces heat development.**
- **SPEED SLOT® – Quick removal of the drill plug by stepped recesses.**

**Application:**

On pillar drills, lathes or hand-held power drills at the appropriate speed. For cutting circular holes from thin-walled to thick-walled material with a flat or convex workpiece surface. Suitable for all materials such as steel, **stainless steel**, brass, copper, cast iron, light metal, wood, plasterboard and plastic panels etc. Use of lubricant will give increased tool life (metals). Also highly suitable for thin sheet metal bodywork.

**Recommendation:**

The use of cutting oil such as No. 084205 size 0.25 extends the service life and permits more rapid progress through the material.

**Note:**

**Arbors and hole saws are compatible with all commercially available bi-metal hole saws apart from Bosch SDS.**

**For hole saws for stone see No. 788000, 788040, 788050.**

**For carbide hole saws for steel see No. 118400, 118500, 119000.**

TPI: 4.5 / 5.5

recommended speed steel: 75 rpm

recommended speed INOX: 35 rpm

recommended speed aluminium: 105 rpm

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## Technical description

Diameter	111 mm
recommended speed steel	75 rpm
recommended speed aluminium	105 rpm
recommended speed INOX	35 rpm
TPI	4.5 / 5.5
Type of product	Hole saw

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## Accessories

Centre drill HSS Type 6KT	589430 6KT
Shank Type 210L	589310 210L
Centre drill carbide-tipped Type 6KT	589432 6KT
Quick-change mounting shank Type 210S	589314 210S
Shank Type 210S	589310 210S