

Garant**Hole saw, bi-metal, Diameter: 83mm**

Order data

Order number	589010 83
GTIN	4045197158628
Item class	51S

Description

Version:

Robust unbreakable construction with variable toothing 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.

- **Vario toothing 4/6 tpi for low vibration.**
- **Maximum depth of cut for all sizes 38 mm.**
- **Precision ground teeth – very quick sawing and clean cut edges.**

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).

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.

Technical description

recommended speed steel	105 min ⁻¹
Diameter	83 mm
recommended speed aluminium	155 min ⁻¹
recommended speed INOX	52 min ⁻¹
TPI	4 / 6
Type of product	Hole saw

Accessories

Shank Type 210L	589310 210L
Centre drill HSS Type 6KT	589430 6KT
Shank Type 210S	589310 210S
Centre drill carbide-tipped Type 6KT	589432 6KT