

**HSS core drill Depth of cut 30 mm, TiAlN, Ø DC: 27mm****Order data**

Order number	118800 27
GTIN	4045197037817
Item class	12D

**Description****Version:**

Suitable for all popular magnetic core drilling machines. Very good cutting properties due to optimised cutting edge geometry. Easy to regrind. With Weldon shank - Ø **19 mm**.

**HSS with special TiAlN coating** for improved cutting characteristics (prevents edge build-up).

**Application:**

On mobile magnetic drilling machines or stationary pillar drilling machines to produce large holes in steel construction. The core drill cuts only a thin material ring. The drilled core is ejected by a spring loaded ejector pin.

**Supplied with:**

**Without** ejector pin.

**Note:**

For the lubrication of core drills, we recommend high performance cutting oil (see No. 084210).

**Technical description**

Nominal Ø D <sub>c</sub>	27 mm
Coating	TiAlN
Tool material	HSS
Standard	Manufacturer's standard
Colour ring	without
Type of product	Hole saw

## User data

	<b>Suitability</b>	<b>V<sub>c</sub></b>	<b>ISO code</b>
Alu plastics	suitable	70 m/min	N
Aluminium (short chipping)	suitable	70 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	25 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	20 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	15 m/min	M
GG	suitable	16 m/min	K
GGG	suitable	19 m/min	K
Uni	suitable		
Oil	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable		