

## Garant

### Precision taper sheet and tube drill with helical flute HSS, TiAlN, Cutter Ø DC: 4-30,5mm



#### Order data

Order number	118040 4-30,5
GTIN	4045197359445
Item class	11C

#### Description

##### Version:

**With sharp drill point, pre-drilling not necessary.** Conically increasing cutting edges and radially relief ground circumference for a paring cut. With scale in the flutes. Three drive flats on the shank.

**TiAlN coating for dry machining,** optimum tool life and highest cutting speeds. **Helical flutes** for reliable chip evacuation.

##### Application:

Leaves no burr or chatter marks.

Sheet metal 0.1 – 2 mm, stainless steel 0.1 – 1 mm, non-ferrous metals: 0.1 – 5 mm, plastics up to 10 mm.

#### Technical description

Overall length	102 mm
Cutting edge Ø D <sub>c</sub>	4 - 30.5 mm
Shank Ø	10 mm
Coating	TiAlN
Tool material	HSS
Standard	Manufacturer's standard
Shank	Three drive flats shank
Colour ring	without

Type of product

Stepped drill

**User data**

	<b>Suitability</b>	<b>V<sub>c</sub></b>	<b>ISO code</b>
Alu plastics	suitable only under restricted conditions		
Aluminium (short chipping)	suitable only under restricted conditions		
Alu > 10% Si	suitable only under restricted conditions		
Steel < 500 N/mm <sup>2</sup>	suitable		
Steel < 750 N/mm <sup>2</sup>	suitable		
Steel < 900 N/mm <sup>2</sup>	suitable		
Steel < 1100 N/mm <sup>2</sup>	suitable		
INOX < 900 N/mm <sup>2</sup>	suitable		
INOX > 900 N/mm <sup>2</sup>	suitable only under restricted conditions		
Oil	suitable only under restricted conditions		
wet maximum	suitable only under restricted conditions		
dry	suitable		