

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 _c	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

	Suitability	V_c	ISO code
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 ²	suitable		
Steel < 750 N/mm ²	suitable		
Steel < 900 N/mm ²	suitable		
Steel < 1100 N/mm ²	suitable		
INOX < 900 N/mm ²	suitable		
INOX > 900 N/mm ²	suitable only under restricted conditions		
Oil	suitable only under restricted conditions		
wet maximum	suitable only under restricted conditions		
dry	suitable		