

Garant
Precision taper sheet and tube drill HSS, TiN, Cutter Ø DC: 3-14mm

Order data

Order number	118030 3-14
GTIN	4045197036490
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.

TiN coating: Higher cutting speeds and significantly longer tool life. Specially for soft materials with a tendency to smear.

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	58 mm
Cutting edge Ø D _c	3 - 14 mm
Shank Ø	6 mm
Coating	TiN
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		
GG(G)	suitable		
Oil	suitable		
wet maximum	suitable		
dry	suitable only under restricted conditions		