

Garant**Stepped drill HSS-E, uncoated, Cutter Ø: 20-30mm****Order data**

Order number	118320 20-30
GTIN	4045197036599
Item class	11C

Description**Version:**

With cylindrical spotting drill, Ø figures shown in the flute. Three drive flats on the shank.

Application:

Drilling and deburring, maximum material thickness = step height (see table).

Technical description

Drill steps in increments of	1 mm
Step height	4 mm
Overall length	88 mm
Shank Ø	12 mm
Cutting edge Ø D _c	20 - 30 mm
Coating	uncoated
Tool material	HSS E
Standard	Manufacturer's standard
Shank	Three drive flats shank
Colour ring	without
Type of product	Stepped drill

User data

	Suitability	V_c	ISO code
Steel < 500 N/mm ²	suitable		
Steel < 750 N/mm ²	suitable		
Steel < 900 N/mm ²	suitable		
INOX < 900 N/mm ²	suitable		
GG(G)	suitable		
Oil	suitable		
wet maximum	suitable		
dry	suitable only under restricted conditions		