

Garant
Stepped drill HSS-E, uncoated, Cutter Ø: 12-20mm

Order data

Order number	118320 12-20
GTIN	4045197036582
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

Step height	4 mm
Drill steps in increments of	1 mm
Overall length	75 mm
Shank Ø	9 mm
Cutting edge Ø D _c	12 - 20 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		