

**Garant****Stepped drill HSS-E, uncoated, Cutter Ø: 4-20mm****Order data**

Order number	118320 4-20
GTIN	4045197764362
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
Overall length	70 mm
Shank Ø	9 mm
Drill steps in increments of	2 mm
Cutting edge Ø D <sub>c</sub>	4 - 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**

	<b>Suitability</b>	<b>V<sub>c</sub></b>	<b>ISO code</b>
Steel < 500 N/mm <sup>2</sup>	suitable		
Steel < 750 N/mm <sup>2</sup>	suitable		
Steel < 900 N/mm <sup>2</sup>	suitable		
INOX < 900 N/mm <sup>2</sup>	suitable		
GG(G)	suitable		
Oil	suitable		
wet maximum	suitable		
dry	suitable only under restricted conditions		