

Garant**Solid carbide NC precision spotting drill 142°, uncoated, Ø DC h6: 20mm****Order data**

Order number	121068 20
GTIN	4045197647825
Item class	11E

Description**Version:****Self-centring** with **1-cutter geometry**, achieves **very high alignment accuracy**.**Application:**Point angle **142°** so that the cutting edges of the following twist drill engage easily.**Note:**

Use the speed for the actual hole Ø (not generally the speed for the drill outer Ø).

Maintain a feed rate $f = 0.015$ mm/rev!**Technical description**

Shank tolerance	h6
Feed f in steel < 1100 N/mm ²	0.015 mm/rev.
Flute length L_c	20 mm
Nominal Ø D_c	20 mm
Shank Ø D_s	20 mm
Overall length L	100 mm
Shank	DIN 6535 HA to h6
Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard
Tolerance nominal Ø	h6

Point angle	142 degrees
Number of cutting edges Z	1
Through-coolant	no
Colour ring	without
Type of product	Spotting drill

User data

	Suitability	V _c	ISO code
Alu plastics	suitable	200 m/min	N
Aluminium (short chipping)	suitable	180 m/min	N
Steel < 500 N/mm ²	suitable	80 m/min	P
Oil	suitable		
wet maximum	suitable		
dry	suitable only under restricted conditions		