



HSS jobber drill Precision roll forged N, uncoated, Ø DC h8: 3,3 mm



Order data

Order number	114020 3,3
GTIN	4045197009760
Item class	12B

Description

Version:

Roll forged, standard helix angle, core thickness and core taper.

Dimensions to DIN 338.

Robust jobber drill with strengthened core and small chisel point for easy spot drilling and accurate centring of the designated hole. **Precision roll forged flutes.**

Recommendation:

Maximum drilling depth:

$$L_2 = L_c - 1.5 \times D_c$$

Note:

Size 14-20: Shank Ø 13 mm with 3 drive flats.

Through-coolant: no

Tolerance nominal Ø: h8

Point angle: 118 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 31.1 mm

Flute length L_c : 36 mm

Overall length L: 65 mm

Shank Ø D_s : 3.3 mm

Feed f in steel < 750 N/mm²: 0.03 mm/rev.

Technical description

Nominal Ø D_c	3.3 mm
Flute length L_c	36 mm
Number of cutting edges Z	2
Feed f in steel < 750 N/mm ²	0.03 mm/rev.

Tolerance nominal \varnothing	h8
Shank $\varnothing D_s$	3.3 mm
Overall length L	65 mm
recommended maximum drilling depth L_2	31.1 mm
Point angle	118 degrees
Coating	uncoated
Tool material	HSS
Type	N
Shank	Plain shank
Through-coolant	no
Colour ring	without
Type of product	Jobber drill