



HSS jobber drill roll forged N, uncoated, Ø DC h8: 4,5mm



Order data

Order number	114000 4,5
GTIN	4045197008855
Item class	12B

Description

Version:

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

Dimensions to DIN 338.

No interruption in the material structure, so the drill is more resilient and suitable for arduous drilling tasks (e. g. with hand held drills). Economy version.

Recommendation:

Maximum drilling depth:

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

Through-coolant: no

Tolerance nominal Ø: h8

Point angle: 118°

Shank: Plain shank

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 40.3 mm

Flute length L_c : 47 mm

Overall length L: 80 mm

Shank Ø D_s : 4.5 mm

Feed f in steel < 750 N/mm²: 0.05 mm/rev.

Technical description

Nominal Ø D_c	4.5 mm
Number of cutting edges Z	2
Feed f in steel < 750 N/mm ²	0.05 mm/rev.
Flute length L_c	47 mm
Tolerance nominal Ø	h8

Shank $\varnothing D_s$	4.5 mm
Overall length L	80 mm
recommended maximum drilling depth L_2	40.3 mm
Point angle	118°
Shank	Plain shank
Coating	uncoated
Tool material	HSS
Type	N
Through-coolant	no
Colour ring	without
Type of product	Jobber drill

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	45 m/min	N
Steel < 500 N/mm ²	suitable	40 m/min	P
Steel < 750 N/mm ²	suitable	30 m/min	P
Steel < 900 N/mm ²	suitable	25 m/min	P
GG(G)	suitable only under restricted conditions	25 m/min	K
Oil	suitable		
wet maximum	suitable		
dry	suitable only under restricted conditions		