

Garant
HSS-E jobber drill, TiAlN, Ø DC h8: 4,5mm

Order data

Order number	114500 4,5
GTIN	4045197019905
Item class	11B

Description
Version:
Strengthened core taper.

With point geometry shape C.

Recommendation:
Maximum drilling depth:

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

Technical description

Feed f in stainless steel > 900 N/mm ²	0.03 mm/rev.
Number of cutting edges Z	2
Nominal Ø D _c	4.5 mm
Flute length L _c	47 mm
Tolerance nominal Ø	h8
Shank Ø D _s	4.5 mm
Overall length L	80 mm
Standard	DIN 338
recommended maximum drilling depth L ₂	40.3 mm
Point angle	130 degrees
Shank	Plain shank
Coating	TiAlN

Tool material	HSS E
Helix angle	35 degrees
Through-coolant	no
Colour ring	blue
Type of product	Jobber drill

User data

	Suitability	V _c	ISO code
Steel < 750 N/mm ²	suitable only under restricted conditions	37 m/min	P
Steel < 900 N/mm ²	suitable only under restricted conditions	31 m/min	P
INOX < 900 N/mm ²	suitable	15 m/min	M
INOX > 900 N/mm ²	suitable	12 m/min	M
Ti > 850 N/mm ²	suitable	6 m/min	S
Oil	suitable		
wet maximum	suitable		