



HSS jobber drill N, uncoated, Ø DC h8: 48mm



Order data

Order number	116320 48
GTIN	4045197955654
Item class	12C

Description

Version:

Special surface treatment, resulting in reduced tendency to edge build-up **and improved chip evacuation.**

Recommendation:

Maximum drilling depth:

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

Note:

For suitable reducing adapters for tools with MT shanks see **No. 343000-343530.**

Technical description

Feed f in steel < 750 N/mm ²	0.32 mm/rev.
Morse taper MT size	4
Overall length L	369 mm
Tolerance nominal Ø	h8
Number of cutting edges Z	2
Flute length L _c	220 mm
Nominal Ø D _c	48 mm
Standard	DIN 345
recommended maximum drilling depth L ₂	148 mm
Point angle	118 degrees
Shank	Morse taper

Coating	uncoated
Tool material	HSS
Type	N
Helix angle	20-30 degrees
Through-coolant	no
Colour ring	without
Type of product	Jobber drill

User data

	Suitability	V_c	ISO code
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 only under restricted conditions	25 m/min	P
GG(G)	suitable only under restricted conditions	25 m/min	K
Oil	suitable		
wet maximum	suitable		