



## HSS jobber drill N, uncoated, Ø DC h8: 19 mm



### Order data

Order number	116320 19
GTIN	4045197029607
Item class	12C

### Description

#### Version:

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

#### Note:

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

Through-coolant: no

Standard: DIN 345

Tolerance nominal Ø: h8

Point angle: 118 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth L<sub>2</sub>: 106.5 mm

Flute length L<sub>c</sub>: 135 mm

Overall length L: 233 mm

Morse taper MT size: 2

Feed f in steel < 750 N/mm<sup>2</sup>: 0.2 mm/rev.

### Technical description

Flute length L <sub>c</sub>	135 mm
Number of cutting edges Z	2
Nominal Ø D <sub>c</sub>	19 mm
Feed f in steel < 750 N/mm <sup>2</sup>	0.2 mm/rev.
Tolerance nominal Ø	h8
Overall length L	233 mm

Morse taper MT size	2
Standard	DIN 345
recommended maximum drilling depth L <sub>2</sub>	106.5 mm
Point angle	118 degrees
Coating	uncoated
Tool material	HSS
Type	N
Helix angle	20-30 degrees
Shank	Morse taper
Through-coolant	no
Colour ring	without
Type of product	Jobber drill