

**Garant**
**HSS core drill N, uncoated, Ø DC h8: 19 mm**

**Order data**

Order number	116620 19
GTIN	4062406096397
Item class	11C

**Description**
**Version:**

Strong core. Sturdy jobber drill for better guidance in the hole

**Advantage:**

Particularly suitable **for drilling out** holes that are out of round. Misaligned holes can be aligned.

**Recommendation:**
**Maximum drilling depth:**

$L_2 = L_C - 1.5 \times D_C$ .

**Note:**
**Please note:**

Do not drill the respective tapping hole Ø (see table) less than the stated size.

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

Through-coolant: no

Standard: DIN 343

Tolerance nominal Ø: h8

Point angle: 120 degrees

Number of cutting edges Z: 3

recommended maximum drilling depth  $L_2$ : 106.5 mm

Flute length  $L_C$ : 135 mm

Overall length L: 233 mm

Min. pre-drilling -Ø  $D_{min}$ : 13.3 mm

Morse taper MT size: 2

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

**Technical description**

Feed f in steel < 750 N/mm <sup>2</sup>	0.2 mm/rev.
Standard	DIN 343

recommended maximum drilling depth $L_2$	106.5 mm
Morse taper MT size	2
Flute length $L_c$	135 mm
Number of cutting edges Z	3
Nominal $\varnothing D_c$	19 mm
Tolerance nominal $\varnothing$	h8
Overall length L	233 mm
Min. pre-drilling $-\varnothing D_{min}$	13.3 mm
Point angle	120 degrees
Coating	uncoated
Tool material	HSS
Type	N
Shank	Morse taper
Through-coolant	no
Colour ring	without
Type of product	Jobber drill