

Garant
HSS core drill N, uncoated, Ø DC h8: 19,7mm


Order data

Order number	116620 19,7
GTIN	4045197033789
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**.

Technical description

Standard	DIN 343
Tolerance nominal Ø	h8
Nominal Ø D _c	19.7 mm
Overall length L	238 mm
Flute length L _c	140 mm
Number of cutting edges Z	3
Morse taper MT size	2
Feed f in steel < 750 N/mm ²	0.2 mm/rev.
recommended maximum drilling depth L ₂	110.5 mm

Min. pre-drilling - \varnothing D _{min}	14 mm
Point angle	120 degrees
Shank	Morse taper
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
Steel < 1100 N/mm ²	suitable only under restricted conditions	10 m/min	P
Steel < 1400 N/mm ²	suitable only under restricted conditions	8 m/min	P
INOX < 900 N/mm ²	suitable only under restricted conditions	12 m/min	M
GG(G)	suitable only under restricted conditions	25 m/min	K
wet maximum	suitable		