

Garant
HSS core drill N, uncoated, Ø DC h8: 31 mm

Order data

Order number	116620 31
GTIN	4062406097363
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

Flute length L_c	180 mm
recommended maximum drilling depth L_2	133.5 mm
Tolerance nominal Ø	h8
Number of cutting edges Z	3
Standard	DIN 343
Overall length L	301 mm
Feed f in steel < 750 N/mm ²	0.29 mm/rev.
Min. pre-drilling -Ø D_{min}	21 mm
Morse taper MT size	3

Nominal $\varnothing D_c$	31 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		