

Garant
Jobber drill HSS-E VA, uncoated, Ø DC h8: 19,75 mm

Order data

Order number	116360 19,75
GTIN	4045197032072
Item class	11C

Description
Version:
With strengthened core.

Specially treated surface, reducing edge build up and improving chip evacuation.
With point geometry shape C.

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**.

Through-coolant: no

Standard: DIN 345

Tolerance nominal Ø: h8

Point angle: 135 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 110.4 mm

Flute length L_c : 140 mm

Overall length L: 238 mm

Morse taper MT size: 2

Feed f in steel < 750 N/mm²: 0.2 mm/rev.

Technical description

Feed f in steel < 750 N/mm ²	0.2 mm/rev.
Nominal Ø D_c	19.75 mm
Number of cutting edges Z	2
Flute length L_c	140 mm

Tolerance nominal \varnothing	h8
Overall length L	238 mm
Morse taper MT size	2
Standard	DIN 345
recommended maximum drilling depth L ₂	110.4 mm
Point angle	135 degrees
Coating	uncoated
Tool material	HSS E
Type	INOX
Helix angle	35-40 degrees
Shank	Morse taper
Through-coolant	no
Colour ring	without
Type of product	Jobber drill