

Garant
Jobber drill HSS-E for Hardox H, uncoated, Ø DC h8: 20mm

Order data

Order number	116380 20
GTIN	4045197032638
Item class	11C

Description
Version:

Particularly sturdy due to **extra short drilling section** and partly with larger MT. Strengthened core.

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**.

Technical description

Flute length L_c	83 mm
Number of cutting edges Z	2
Nominal $\varnothing D_c$	20 mm
Feed f in steel < 1400 N/mm ²	0.14 mm/rev.
Tolerance nominal \varnothing	h8
Overall length L	204 mm
Morse taper MT size	3
Standard	Manufacturer's standard
recommended maximum drilling depth L_2	53 mm
Point angle	130 degrees

Shank	Morse taper
Coating	uncoated
Tool material	HSS Co 8
Type	H
Helix angle	8-15 degrees
Through-coolant	no
Colour ring	without
Type of product	Jobber drill

User data

	Suitability	V _c	ISO code
Steel < 1100 N/mm ²	suitable	10 m/min	P
Steel < 1400 N/mm ²	suitable	8 m/min	P
HARDOX 500 < 1600 N/mm ²	suitable	5 m/min	H
Ti > 850 N/mm ²	suitable	5 m/min	S
Oil	suitable		
wet maximum	suitable		