

**Garant**
**Jobber drill HSS-E FS, uncoated, Ø DC h8: 7,1 mm**

**Order data**

Order number	114450 7,1
GTIN	4045197018908
Item class	11B

**Description**
**Version:**

**Profile ground:** this ensures high concentricity and pitch accuracy. Precision ground point. Drill for production use.

**Strengthened core.**

Bright finish **parabolic flutes**, from 3 mm nitrided lands.

With point geometry shape C up to size 3.9 mm

With point geometry shape S from size 4 mm

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

flute length (see table) less 1.5×nominal Ø.

Through-coolant: no

Standard: DIN 338

Tolerance nominal Ø: h8

Point angle: 130 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth L<sub>2</sub>: 58.4 mm

Flute length L<sub>c</sub>: 69 mm

Overall length L: 109 mm

Shank Ø D<sub>s</sub>: 7.1 mm

Feed f in steel < 750 N/mm<sup>2</sup>: 0.07 mm/rev.

**Technical description**

Nominal Ø D <sub>c</sub>	7.1 mm
Flute length L <sub>c</sub>	69 mm
Feed f in steel < 750 N/mm <sup>2</sup>	0.07 mm/rev.

Number of cutting edges Z	2
Tolerance nominal $\varnothing$	h8
Shank $\varnothing D_s$	7.1 mm
Overall length L	109 mm
Standard	DIN 338
recommended maximum drilling depth $L_2$	58.4 mm
Point angle	130 degrees
Coating	uncoated
Tool material	HSS E
Type	FS
Shank	Plain shank
Through-coolant	no
Colour ring	without
Type of product	Jobber drill