

Garant

**Solid carbide HPC drill type FS Weldon shank DIN 6535 HB, TiAlN, Ø DC h7:
11,8 mm**



Order data

Order number	122675 11,8
GTIN	4045197398352
Item class	11E

Description

Version:

Particularly strong due to strengthened core and **special profile**. Special point geometry.
High concentricity and **long tool life**.

Precision drilling qualities.

Recommendation:

Maximum drilling depth:

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

Note:

Flute length $L_c = L_2 + 1.5 \times D_c$.

Standard: DIN 6537

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 53.3 mm

Overall length L: 118 mm

Shank Ø D_s : 12 mm

Feed f in titanium > 850 N/mm²: 0.12 mm/rev.

Technical description

Flute length L_c	71 mm
Shank tolerance	h6
Number of cutting edges Z	2
Nominal Ø D_c	11.8 mm

Feed f in titanium > 850 N/mm ²	0.12 mm/rev.
Tolerance nominal Ø	h7
Shank Ø D _s	12 mm
Overall length L	118 mm
Standard	DIN 6537
recommended maximum drilling depth L ₂	53.3 mm
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	6×D
Type	FS
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	pink
Type of product	Jobber drill