

**HOLEX**
**HOLEX Pro Steel solid carbide drill, Weldon shank DIN 6535 HB, TiAlN, Ø DC h7 (mm or inch): 5/8 mm or inch**

**Order data**

Order number	122507 5/8
GTIN	4062406126575
Item class	12F

**Description**
**Version:**

**Straight major cutting edges** and a **special flute profile** ensure good chip evacuation. The robust cutter geometry ensures high-performance drilling with good process reliability. A wide range of applications in steel materials thanks to a combination of tough ultra-fine grain carbide and extremely wear-resistant coating.

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

clamping slot length (see table) less  $1.5 \times \text{nominal } \varnothing$ .

**Note:**

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

Machining strategy: HPC

Standard: DIN 6537 K

Tolerance nominal  $\varnothing$ : h7

Number of cutting edges Z: 2

Tolerance nominal  $\varnothing$ : h7

recommended maximum drilling depth  $L_2$ : 41.18 mm

Overall length L: 115 mm

Shank  $\varnothing D_s$ : 16 mm

Feed f in steel  $< 900 \text{ N/mm}^2$ : 0.26 mm/rev.

**Technical description**

Overall length L	115 mm
Standard	DIN 6537 K
Number of cutting edges Z	2

Inch nominal $\varnothing$ corresponds to	15.88 mm
Flute length $L_c$	65 mm
Feed $f$ in steel $< 900 \text{ N/mm}^2$	0.26 mm/rev.
Shank $\varnothing D_s$	16 mm
recommended maximum drilling depth $L_2$	41.18 mm
Tolerance nominal $\varnothing$	h7
Series	HOLEX Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	4xD
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	yes, to 25 bar
Machining strategy	HPC
Colour ring	green
Type of product	Jobber drill