



HOLEX Pro Steel solid carbide drill, Weldon shank DIN 6535 HB, TiAlN, Ø DC h7 (mm or inch): 8,6 mm or inch



Order data

| | |
|--------------|---------------|
| Order number | 122507 8,6 |
| GTIN | 4045197832214 |
| 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×nominal Ø.

Note:

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

Machining strategy: HPC

Standard: DIN 6537 K

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 34.1 mm

Overall length L: 89 mm

Shank Ø D_s : 10 mm

Feed f in steel < 900 N/mm²: 0.2 mm/rev.

Technical description

| | |
|--------------------|------------|
| Standard | DIN 6537 K |
| Overall length L | 89 mm |
| Flute length L_c | 47 mm |

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|---|-------------------|
| Nominal $\varnothing D_c$ | 8.6 mm |
| Tolerance nominal \varnothing | h7 |
| Feed f in steel < 900 N/mm ² | 0.2 mm/rev. |
| Number of cutting edges Z | 2 |
| recommended maximum drilling depth L ₂ | 34.1 mm |
| Shank $\varnothing D_s$ | 10 mm |
| Series | HOLEX Pro Steel |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Drill depth up to | 4×D |
| 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 |