



HOLEX Pro Steel solid carbide drill, Weldon shank DIN 6535 HB, TiAlN, Ø DC h7 (mm or inch): 1/2 mm or inch



Order data

| | |
|--------------|---------------|
| Order number | 122507 1/2 |
| GTIN | 4062406126537 |
| 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 : 40.95 mm

Overall length L: 107 mm

Shank $\varnothing D_s$: 14 mm

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

Technical description

| | |
|---------------------------------|------------|
| Standard | DIN 6537 K |
| Tolerance nominal \varnothing | h7 |
| Number of cutting edges Z | 2 |

| | |
|-------------------------------------------|-------------------|
| Shank $\varnothing D_s$ | 14 mm |
| Inch nominal \varnothing corresponds to | 12.7 mm |
| Flute length L_c | 60 mm |
| Overall length L | 107 mm |
| Feed f in steel $< 900 \text{ N/mm}^2$ | 0.26 mm/rev. |
| recommended maximum drilling depth L_2 | 40.95 mm |
| 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 |