



HOLEX Pro Steel solid carbide drill, Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 17,5 mm



Order data

| | |
|--------------|---------------|
| Order number | 123104 17,5 |
| GTIN | 4045197962102 |
| Item class | 12F |

Description

Version:

HOLEX Pro Steel:

Straight major cutting edges and a **special flute profile** ensure good chip evacuation. The robust cutting edge 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:

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

Note:

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

Machining strategy: HPC

Standard: Manufacturer's standard

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 144.8 mm

Overall length L: 222 mm

Shank Ø D_s : 18 mm

Feed f in steel < 900 N/mm²: 0.25 mm/rev.

Technical description

| | |
|---------------------|-------|
| Shank Ø D_s | 18 mm |
| Tolerance nominal Ø | h7 |

| | |
|------------------------------------------|-------------------------|
| Number of cutting edges Z | 2 |
| Flute length L_c | 171 mm |
| Standard | Manufacturer's standard |
| Nominal $\varnothing D_c$ | 17.5 mm |
| Overall length L | 222 mm |
| Feed f in steel < 900 N/mm ² | 0.25 mm/rev. |
| recommended maximum drilling depth L_2 | 144.8 mm |
| Series | HOLEX Pro Steel |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Drill depth up to | 8xD |
| Point angle | 135 degrees |
| Shank | DIN 6535 HB to h6 |
| Through-coolant | yes, with 25 bar |
| Machining strategy | HPC |
| Colour ring | green |
| Type of product | Jobber drill |