



HOLEX Pro Steel solid carbide drill, plain shank DIN 6535 HA, TiAlN, Ø DC h7: 12 mm



Order data

| | |
|--------------|---------------|
| Order number | 123303 12 |
| GTIN | 4045197961242 |
| 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 $L_c = L_2 + 1.5 \times D_c$.

For process reliability when using the 12×D drill, an initial centre drilling with NC spotting drills No. 121068 - 121130 or HOLEX Pro Steel No. 122501 is necessary.

Form HB and HE supplied at the same price as HA.

Order form **HB**: state **No. 123304**.

Order form **HE**: state **No. 123309**.

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 : 138 mm

Overall length L: 204 mm

Shank Ø D_s : 12 mm

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

Technical description

| | |
|---|-------------------------|
| Overall length L | 204 mm |
| Flute length L _c | 156 mm |
| Feed f in steel < 900 N/mm ² | 0.2 mm/rev. |
| Nominal Ø D _c | 12 mm |
| Standard | Manufacturer's standard |
| Shank Ø D _s | 12 mm |
| Number of cutting edges Z | 2 |
| Tolerance nominal Ø | h7 |
| recommended maximum drilling depth L ₂ | 138 mm |
| Series | HOLEX Pro Steel |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Drill depth up to | 12×D |
| Point angle | 135 degrees |
| Shank | DIN 6535 HA to h6 |
| Through-coolant | yes, with 25 bar |
| Machining strategy | HPC |
| Colour ring | green |
| Type of product | Jobber drill |