



HOLEX Pro Steel solid carbide drill, Whistle-Notch shank DIN 6535 HE, TiAlN, Ø DC h7 (mm or inch): 1/2



Order data

| | |
|--------------|---------------|
| Order number | 122778 1/2 |
| GTIN | 4045197976130 |
| 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.

Note:

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

Machining strategy: HPC

Standard: DIN 6537

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 58 mm

Overall length L: 124 mm

Shank Ø D_s : 14 mm

Feed f in steel < 900 N/mm²: 0.26 mm/rev.

Technical description

| | |
|---------------------------|----------|
| Number of cutting edges Z | 2 |
| Overall length L | 124 mm |
| Shank Ø D_s | 14 mm |
| Standard | DIN 6537 |

| | |
|---|-------------------|
| Inch nominal \varnothing corresponds to | 12.7 mm |
| Tolerance nominal \varnothing | h7 |
| recommended maximum drilling depth L_2 | 58 mm |
| Flute length L_c | 77 mm |
| Feed f in steel $< 900 \text{ N/mm}^2$ | 0.26 mm/rev. |
| Series | Pro Steel |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Version | 6xD |
| Point angle | 140° |
| Shank | DIN 6535 HE to h6 |
| Through-coolant | yes, with 25 bar |
| Machining strategy | HPC |
| Colour ring | green |
| Type of product | Jobber drill |

User data

| | Suitability | V_c | ISO code |
|-------------------------------|---|-----------|----------|
| Alu plastics | suitable only under restricted conditions | 250 m/min | N |
| Aluminium (short chipping) | suitable only under restricted conditions | 200 m/min | N |
| Alu $> 10\% \text{ Si}$ | suitable only under restricted conditions | 160 m/min | N |
| Steel $< 500 \text{ N/mm}^2$ | suitable | 125 m/min | P |
| Steel $< 750 \text{ N/mm}^2$ | suitable | 115 m/min | P |
| Steel $< 900 \text{ N/mm}^2$ | suitable | 95 m/min | P |
| Steel $< 1100 \text{ N/mm}^2$ | suitable | 90 m/min | P |
| Steel $< 1400 \text{ N/mm}^2$ | suitable | 65 m/min | P |
| INOX $< 900 \text{ N/mm}^2$ | suitable | 35 m/min | M |

| | | | |
|------------------------------|---|-----------|---|
| INOX > 900 N/mm ² | suitable only under restricted conditions | 30 m/min | M |
| GG | suitable | 100 m/min | K |
| GGG | suitable | 65 m/min | K |
| Uni | suitable | | |
| wet maximum | suitable | | |
| wet minimum | suitable | | |