



Solid carbide drill plain shank DIN 6535 HE, TiAlN, Ø DC m7 (mm or inch): 14,5 mm or inch



Order data

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|--------------|---------------|
| Order number | 122773 14,5 |
| GTIN | 4062406151317 |
| Item class | 12F |

Description

Version:

Tool specially matched to drilling holes without through-coolant. **Concave major cutting edges** and a **special flute profile** ensure a good chip evacuation. The sturdy cutter geometry with **special point geometry** and 4 cutting edges ensures 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** and **heat-resistant coating**.

Recommendation:

Maximum drilling depth:

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

Note:

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

Through-coolant: no

Standard: DIN 6537

Tolerance nominal Ø: m7

Number of cutting edges Z: 2

Tolerance nominal Ø: m7

recommended maximum drilling depth L_2 : 61.25 mm

Overall length L: 133 mm

Shank Ø D_s : 16 mm

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

Technical description

| | |
|---------------------------|----|
| Tolerance nominal Ø | m7 |
| Number of cutting edges Z | 2 |

| | |
|--|-------------------|
| recommended maximum drilling depth L_2 | 61.25 mm |
| Standard | DIN 6537 |
| Overall length L | 133 mm |
| Flute length L_c | 83 mm |
| Shank $\varnothing D_s$ | 16 mm |
| Nominal $\varnothing D_c$ | 14.5 mm |
| Feed f in steel < 900 N/mm ² | 0.26 mm/rev. |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Drill depth up to | 6×D |
| Point angle | 140 degrees |
| Shank | DIN 6535 HE to h6 |
| Through-coolant | no |
| Colour ring | green |
| Type of product | Jobber drill |