



Solid carbide drill plain shank DIN 6535 HE, TiAlN, Ø DC m7 (mm or inch): 6,7 mm or inch



Order data

| | |
|--------------|---------------|
| Order number | 122773 6,7 |
| GTIN | 4062406150686 |
| 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 : 42.95 mm

Overall length L: 91 mm

Shank Ø D_s : 8 mm

Feed f in steel < 900 N/mm²: 0.18 mm/rev.

Technical description

| | |
|-----------------|--------|
| Nominal Ø D_c | 6.7 mm |
| Shank Ø D_s | 8 mm |

| | |
|--|-------------------|
| Standard | DIN 6537 |
| Flute length L_c | 53 mm |
| Feed f in steel $< 900 \text{ N/mm}^2$ | 0.18 mm/rev. |
| recommended maximum drilling depth L_2 | 42.95 mm |
| Tolerance nominal \varnothing | m7 |
| Number of cutting edges Z | 2 |
| Overall length L | 91 mm |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Drill depth up to | 6xD |
| Point angle | 140 degrees |
| Shank | DIN 6535 HE to h6 |
| Through-coolant | no |
| Colour ring | green |
| Type of product | Jobber drill |