



Solid carbide drill plain shank DIN 6535 HE, TiAlN, Ø DC m7 (mm or inch): 4,2 mm or inch



Order data

Order number	122773 4,2
GTIN	4062406150396
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 $L_c = L_2 + 1.5 \times D_c$.

Standard: DIN 6537

Tolerance nominal Ø: m7

Number of cutting edges Z: 2

Tolerance nominal Ø: m7

recommended maximum drilling depth L_2 : 29.7 mm

Overall length L: 74 mm

Shank Ø D_s : 6 mm

Feed f in steel < 900 N/mm²: 0.16 mm/rev.

Technical description

Number of cutting edges Z	2
Nominal Ø D_c	4.2 mm
Tolerance nominal Ø	m7

Shank Ø D _s	6 mm
Overall length L	74 mm
Flute length L _c	36 mm
recommended maximum drilling depth L ₂	29.7 mm
Feed f in steel < 900 N/mm ²	0.16 mm/rev.
Standard	DIN 6537
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