

Garant
Solid carbide HPC micro-drill, TiAlN, Ø DC +0.004: 0,5 mm

Order data

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|--------------|---------------|
| Order number | 121220 0,5 |
| GTIN | 4045197264237 |
| Item class | 11E |

Description
Version:

High performance miniature drill **with extra long flutes.**

Shank Ø 3 h6 for shrink-fit chucks.

High concentricity, precision ground for **HPC applications in steel.**

Recommendation:

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

Note:

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

Standard: Manufacturer's standard

Tolerance nominal Ø: 0 / 0.004

Number of cutting edges Z: 2

Tolerance nominal Ø: 0 / 0.004

recommended maximum drilling depth L_2 : 6.3 mm

Overall length L: 38 mm

Shank Ø D_s : 3 mm

Feed f in steel < 1100 N/mm²: 0.02 mm/rev.

Technical description

| | |
|--|--------------|
| Number of cutting edges Z | 2 |
| Nominal Ø D_c | 0.5 mm |
| Feed f in steel < 1100 N/mm ² | 0.02 mm/rev. |
| Shank tolerance | h6 |
| Flute length L_c | 7 mm |
| Tolerance nominal Ø | 0 / 0.004 |

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|--|-------------------------|
| Shank $\varnothing D_s$ | 3 mm |
| Overall length L | 38 mm |
| Standard | Manufacturer's standard |
| recommended maximum drilling depth L_2 | 6.3 mm |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Type | N |
| Point angle | 130 degrees |
| Shank | Parallel shank to h6 |
| Through-coolant | no |
| Machining strategy | HPC |
| Semi-Standard | yes |
| Colour ring | without |
| Type of product | Jobber drill |