



Solid carbide high performance drill Weldon shank DIN 6535 HB, TiN, Ø DC h7: 7,5mm



Order data

| | |
|--------------|---------------|
| Order number | 122635 7,5 |
| GTIN | 4045197394606 |
| Item class | 12E |

Description

Version:

Cutting chisel edge with **high centring accuracy** due to **strong core and special point geometry**.

Straight major cutting edges with slightly honed edges and special flute profile produce **short chips**.

Note:

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

NEW GENERATION AVAILABLE!

Recommended successor product is No. 122777.

Technical description

| | |
|---|--------------|
| Feed f in steel < 900 N/mm ² | 0.18 mm/rev. |
| Nominal Ø D _c | 7.5 mm |
| Shank tolerance | h6 |
| Flute length L _c | 53 mm |
| Number of cutting edges Z | 2 |
| Tolerance nominal Ø | h7 |
| Shank Ø D _s | 8 mm |
| Overall length L | 91 mm |
| Standard | DIN 6537 |

| | |
|--|-------------------|
| recommended maximum drilling depth L_2 | 41.8 mm |
| Coating | TiN |
| Tool material | Solid carbide |
| Version | 6×D |
| Point angle | 140 degrees |
| Shank | DIN 6535 HB to h6 |
| Through-coolant | yes, with 25 bar |
| Colour ring | green |
| Type of product | Jobber drill |

User data

| | Suitability | V_c | ISO code |
|--------------------------------|---|-----------|----------|
| Aluminium (short chipping) | suitable only under restricted conditions | 240 m/min | N |
| Steel < 500 N/mm ² | suitable | 110 m/min | P |
| Steel < 750 N/mm ² | suitable | 90 m/min | P |
| Steel < 900 N/mm ² | suitable | 80 m/min | P |
| Steel < 1100 N/mm ² | suitable only under restricted conditions | 65 m/min | P |
| Steel < 1400 N/mm ² | suitable only under restricted conditions | 30 m/min | P |
| INOX < 900 N/mm ² | suitable | 35 m/min | M |
| INOX > 900 N/mm ² | suitable | 30 m/min | M |
| Ti > 850 N/mm ² | suitable | 30 m/min | S |
| Uni | suitable | | |
| wet maximum | suitable | | |
| wet minimum | suitable | | |
| Air | suitable only under restricted conditions | | |

