



Solid carbide high performance drill plain shank DIN 6535 HA, TiN, Ø DC h7 (mm or inch): 17,8



Order data

| | |
|--------------|---------------|
| Order number | 122630 17,8 |
| GTIN | 4045197706492 |
| 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 $L_c = L_2 + 1.5 \times D_c$.

Form HB and HE supplied at the same price as HA.

Form **HB**: order with **No. 122635**.

Form **HE**: order with **No. 122640**.

NEW GENERATION AVAILABLE!

Recommended successor product is No. 122776.

Technical description

| | |
|---|--------------|
| Flute length L_c | 93 mm |
| Nominal $\varnothing D_c$ | 17.8 mm |
| Shank tolerance | h6 |
| Number of cutting edges Z | 2 |
| Feed f in steel < 900 N/mm ² | 0.28 mm/rev. |
| Tolerance nominal \varnothing | h7 |
| Shank $\varnothing D_s$ | 18 mm |

| | |
|---|-------------------|
| Overall length L | 143 mm |
| Standard | DIN 6537 |
| recommended maximum drilling depth L ₂ | 66.3 mm |
| Coating | TiN |
| Tool material | Solid carbide |
| Version | 6×D |
| Point angle | 140 degrees |
| Shank | DIN 6535 HA to h6 |
| Through-coolant | yes, with 25 bar |
| Semi-Standard | yes |
| 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