# Solid carbide HPC drill plain shank DIN 6535 HA, TiAlN, ∅ DC h7: 16,06-Xmm

## Order data

| | |
|---|---|
| Order number | 122760 16,06-X |
| GTIN | 4062406079635 |
| Item class | 11E |

## Description

Version:
Cutting chisel edge with high centring accuracy due to strong core and special point geometry. Convex cutting edges with honed edges and special flute profile for short chips, even on long chipping materials.
Note:
Flute length LC = L2 + 1.5 × DC. Form HB and HE supplied at the same price as HA. Form HB: order with No. 122765. Form HE: order with No. 122760 + 129100HE. NEW GENERATION AVAILABLE! Recommended successor products are No. 122761 and 122762. Delivery time: 12 working weeks Minimum order quantity: 3 pcs Items made to order for a specific customer: Cancellation only up to a maximum of 3 working days after receipt of order acknowledgement. Items cannot be returned. We reserve the right to over-deliver or under-deliver by ±10% (minimum 1 piece).

## Technical description

| | |
|---|---|
| Flute length $L_c$ | 93 mm |
| Feed f in steel < 1100 N/mm$^2$ | 0.35 mm/rev. |
| Overall length L | 143 mm |
| Number of cutting edges Z | 2 |
| Shank ∅ $D_s$ | 18 mm |
| Tolerance nominal ∅ | h7 |
| Standard | DIN 6537 |
| ∅ range | 16.06 - 18.05 mm |
| Coating | TiAlN |

| | |
|---|---|
| Tool material | Solid carbide |
| Version | 6×D |
| Point angle | 140 degrees |
| Shank | DIN 6535 HA to h6 |
| Through-coolant | yes, with 25 bar |
| Machining strategy | HPC |
| Semi-Standard | yes |
| Colour ring | green |
| Type of product | Jobber drill |

## User data

| | Suitability | $V_c$ | ISO code |
|---|---|---|---|
| Steel < 500 N/mm² | suitable only under restricted conditions | 120 m/min | P |
| Steel < 750 N/mm² | suitable | 100 m/min | P |
| Steel < 900 N/mm² | suitable | 85 m/min | P |
| Steel < 1100 N/mm² | suitable | 65 m/min | P |
| Steel < 1400 N/mm² | suitable | 35 m/min | P |
| Steel < 55 HRC | suitable | 28 m/min | H |
| INOX < 900 N/mm² | suitable only under restricted conditions | 30 m/min | M |
| Ti > 850 N/mm² | suitable only under restricted conditions | 35 m/min | S |
| GG(G) | suitable | 70 m/min | K |
| Uni | suitable | | |
| wet maximum | suitable | | |
| Air | suitable | | |