

Garant

Solid carbide drill-reamer with pyramid tip DIN 6535 HA, TiAlN, Ø DC: 4,801-Xmm



Order data

| | |
|--------------|----------------|
| Order number | 122797 4,801-X |
| GTIN | 4062406653842 |
| Item class | 11P |

Description

Version:

For producing toleranced holes in steel or short-chipping materials. **Reliable complete machining** without separate centring and without subsequent reaming process. Significantly improved self-centring due to **additional pyramid tip** for optimum roundness and tolerance accuracy of the hole that is produced. Two drill cutting edges and four reaming cutting edges for an attractive surface quality of the wall of the bore.

Tolerance specifications:

H7: Version for H7 bore tolerance.

+/- 0.003 mm: Manufacturing or cutting tolerance of nominal Ø D_c

Note:

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

HB and HE shanks are available at the same price as HA.

For **HB shanks:** use order **No. 122797 + 129100HB**.

For **HE shanks:** use order **No. 122797 + 129100HE**. Minimum order quantity: 5 pieces

Delivery time: 6 working weeks

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

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|-----------------------------|-----------------|
| Ø range | 4.801 - 5.96 mm |
| Number of cutting edges Z | 2 |
| Flute length L _c | 53 mm |

| | |
|-------------------------|-------------------------|
| Standard | Manufacturer's standard |
| Overall length L | 91 mm |
| Shank $\varnothing D_s$ | 6 mm |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Version | 5xD |
| Point angle | 140 degrees |
| Shank | DIN 6535 HA with 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 |
|--------------------------------|-------------|-----------|----------|
| Steel < 500 N/mm ² | suitable | 100 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 | 70 m/min | P |
| Steel < 1400 N/mm ² | suitable | 60 m/min | P |
| GG(G) | suitable | 90 m/min | K |
| wet maximum | suitable | | |
| wet minimum | suitable | | |
| Air | suitable | | |

Services

| | |
|------------------------|-----------|
| Shank grinding Type HB | 129100 HB |
| Shank grinding Type HE | 129100 HE |

