

## Garant

### Solid carbide special drill DIN 6535 HA, uncoated, Ø DC ±0.003: 6,04-Xmm



#### Order data

Order number	121201 6,04-X
GTIN	4062406200558
Item class	11E

#### Description

##### Version:

**Spiral flute** precision drill for plastics. **Self-centring** with **1-cutter geometry**, achieves **very high alignment accuracy**. **Polished** helical flutes for **optimum chip evacuation**.

**Maintains** the **tolerance band IT7** from entry Ø through to exit Ø, **due to special point geometry**.

##### 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. 121201 + 129100HB**.

For **HE shanks**: use order **No. 121201 + 129100HE**. Delivery time: 8 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 or under deliver by +/-10% (min. 1 pc).

#### Technical description

Ø range	6.04 - 8.03 mm
Shank Ø D <sub>s</sub>	8 mm
Standard	DIN 6537
Number of cutting edges Z	1
Overall length L	91 mm
Flute length L <sub>c</sub>	53 mm
Tolerance nominal Ø	±0.003

Coating	uncoated
Tool material	Solid carbide
Version	5xD
Point angle	120 degrees
Shank	DIN 6535 HA to h6
Through-coolant	no
Semi-Standard	yes
Colour ring	without
Type of product	Jobber drill

### User data

	Suitability	V <sub>c</sub>	ISO code
PMMA acrylic	suitable	30 m/min	N
PE-HD	suitable	50 m/min	N
PA 66	suitable	50 m/min	N
PEEK	suitable	50 m/min	N
PF 31	suitable	50 m/min	N
PVDF GF20	suitable only under restricted conditions	60 m/min	N
POM GF25	suitable only under restricted conditions	60 m/min	N
PA 66 GF30	suitable only under restricted conditions	60 m/min	N
PEEK GF30	suitable only under restricted conditions	50 m/min	N
PTFE CF25	suitable only under restricted conditions	40 m/min	N
PEEK CF30	suitable only under restricted conditions	40 m/min	N
wet maximum	suitable only under restricted conditions		

dry	suitable
Air	suitable