Garant

Solid carbide special drill DIN 6535 HA, uncoated, ∅ DC ±0.003: 10,04-Xmm

Order data

Order number	121201 10,04-X
GTIN	4062406200572
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 ∅ through to exit ∅, **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

Standard	DIN 6537
Number of cutting edges Z	1
Flute length L_c	71 mm
Overall length L	118 mm
Tolerance nominal ∅	±0.003
Shank ∅ D_s	12 mm
∅ range	10.04 - 12.03 mm

Coating	uncoated
Tool material	Solid carbide
Version	5×D
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_c	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