

Garant
Solid carbide jobber drill extra short, TiAlN, Ø DC h7: 10,5mm

Order data

| | |
|--------------|---------------|
| Order number | 122151 10,5 |
| GTIN | 4045197748850 |
| Item class | 11E |

Description
Version:

Similar to DIN 6539 (extra short).

Nominal Ø and shank Ø equal.

TiAlN coating for even better performance.

Note:

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

Non slip clamping in drill chuck No. 341050 with diamond coated jaws.

Technical description

| | |
|---|---------------|
| Flute length L_c | 43 mm |
| Feed f in steel $< 1100 \text{ N/mm}^2$ | 0.14 mm/rev. |
| Shank Ø D_s | 10.5 mm |
| Number of cutting edges Z | 2 |
| Tolerance nominal Ø | h7 |
| Standard | DIN 6539 |
| Nominal Ø D_c | 10.5 mm |
| Shank tolerance | h7 |
| Overall length L | 89 mm |
| recommended maximum drilling depth L_2 | 27.3 mm |
| Coating | TiAlN |
| Tool material | solid carbide |

| | |
|-----------------|----------------------|
| Type | N |
| Point angle | 118 degrees |
| Helix angle | 30 degrees |
| Shank | Parallel shank to h7 |
| Through-coolant | no |
| Colour ring | without |
| Type of product | Jobber drill |

User data

| | Suitability | V _c | ISO code |
|--------------------------------|---|----------------|----------|
| Alu plastics | suitable only under restricted conditions | 260 m/min | N |
| Aluminium (short chipping) | suitable | 180 m/min | N |
| Alu > 10% Si | suitable | 180 m/min | N |
| Steel < 500 N/mm ² | suitable | 90 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 | 60 m/min | P |
| Steel < 1400 N/mm ² | suitable | 35 m/min | P |
| INOX < 900 N/mm ² | suitable | 35 m/min | M |
| INOX > 900 N/mm ² | suitable | 25 m/min | M |
| Ti > 850 N/mm ² | suitable | 25 m/min | S |
| GG(G) | suitable | 90 m/min | K |
| CuZn | suitable | 180 m/min | N |
| Uni | suitable | | |
| Oil | suitable | | |
| wet maximum | suitable | | |
| dry | suitable only under restricted conditions | | |

