

Garant
Solid carbide reamer HPC blind hole, TiAlN, Nominal \varnothing DC: 8,5mm

Order data

| | |
|--------------|---------------|
| Order number | 164351 8,5 |
| GTIN | 4045197853257 |
| Item class | 10N |

Description
IMPORTANT: item is configurable

Nominal \varnothing D_c: 8.5 mm

\varnothing range: 8.21 - 8.7 mm, Intervall: 0,001

Version:

Version suitable for NC with straight shank \varnothing for standard arbors especially in **hydraulic chucks** or **high precision collet chucks**. This gives **very high concentricity** and **process reliability**. No need to procure special collets. With internal coolant supply for **HPC applications** to reduce manufacturing costs.

Reamers finish ground to match your specifications.

With short, straight flutes.

Application:

For **HPC/HSC reaming** of **blind holes**.

Note:
NEW GENERATION AVAILABLE!
Recommended successor product is No. 164425.

Application for type of drilling: for blind holes

Number of cutting edges Z: 6

\varnothing range: 8.21 - 8.7 mm

Flute length L_c: 20 mm

Overhang L₁: 54 mm

Overall length L: 100 mm

Number of cutting edges Z: 6

Shank \varnothing D_s: 10 mm

Technical description

| | |
|---------------------------|---|
| Number of cutting edges Z | 6 |
|---------------------------|---|

| | |
|---|-------------------------|
| Shank $\varnothing D_s$ | 10 mm |
| Shank tolerance | h6 |
| Flute length L_c | 20 mm |
| Nominal $\varnothing D_c$ | 8.5 mm |
| \varnothing range | 8.21 - 8.7 mm |
| Feed f in stainless steel < 900 N/mm ² | 0.15 mm/rev. |
| Overall length L | 100 mm |
| Overhang L_1 | 54 mm |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Through-coolant | yes, with 25 bar |
| Shank | DIN 6535 HA to h6 |
| Machining strategy | HPC |
| Application for type of drilling | for blind holes |
| Colour ring | blue |
| Type of product | Phillips bit |

User data

| | Suitability | V_c | ISO code |
|------------------------------|-------------|----------|----------|
| INOX < 900 N/mm ² | suitable | 30 m/min | M |
| INOX > 900 N/mm ² | suitable | 25 m/min | M |
| Oil | suitable | | |
| wet maximum | suitable | | |