

Garant
Solid carbide reamer HPC blind hole, TiAlN, Nominal \varnothing DC: 20 mm

Order data

| | |
|--------------|---------------|
| Order number | 164351 20 |
| GTIN | 4045197853400 |
| Item class | 10N |

Description
IMPORTANT: item is configurable
 \varnothing range: 19.21 - 20.2 mm, Intervall: 0,001

 Nominal \varnothing D_C: 20 mm

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: 19.21 - 20.2 mm

 Flute length L_C: 25 mm

 Overhang L₁: 92 mm

Overall length L: 150 mm

Number of cutting edges Z: 6

 Shank \varnothing D_s: 20 mm

Technical description

| | |
|---------------------|-----------------|
| \varnothing range | 19.21 - 20.2 mm |
|---------------------|-----------------|

| | |
|--|-------------------------|
| Overhang L_1 | 92 mm |
| Feed f in stainless steel $< 900 \text{ N/mm}^2$ | 0.4 mm/rev. |
| Shank $\varnothing D_s$ | 20 mm |
| Shank tolerance | h6 |
| Overall length L | 150 mm |
| Number of cutting edges Z | 6 |
| Flute length L_c | 25 mm |
| Nominal $\varnothing D_c$ | 20 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 $< 900 \text{ N/mm}^2$ | suitable | 30 m/min | M |
| INOX $> 900 \text{ N/mm}^2$ | suitable | 25 m/min | M |
| Oil | suitable | | |
| wet maximum | suitable | | |