

Garant
Solid carbide reamer HPC through hole, TiAlN, Nominal Ø DC: 19mm

Order data

| | |
|--------------|---------------|
| Order number | 164350 19 |
| GTIN | 4045197328632 |
| Item class | 10N |

Description
IMPORTANT: item is configurable

 Nominal Ø D_C: 19 mm

Ø range: 18.21 - 19.2 mm, Intervall: 0,001

Version:

Version suitable for NC with straight shank Ø 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 flutes and left-hand helix.

Application:

 For **HPC/HSM reaming** of **through holes**.

Note:
NEW GENERATION AVAILABLE!
Recommended successor product is No. 164420.

Application for type of drilling: for through holes

Number of cutting edges Z: 8

Ø range: 18.21 - 19.2 mm

 Flute length L_C: 25 mm

 Overhang L₁: 95 mm

Overall length L: 150 mm

Number of cutting edges Z: 8

 Shank Ø D_S: 20 mm

Technical description

| | |
|-------------------------|-------|
| Overhang L ₁ | 95 mm |
|-------------------------|-------|

| | |
|---|-------------------------|
| Feed f in stainless steel < 900 N/mm ² | 0.35 mm/rev. |
| Nominal Ø D _c | 19 mm |
| Shank tolerance | h6 |
| Shank Ø D _s | 20 mm |
| Overall length L | 150 mm |
| Flute length L _c | 25 mm |
| Ø range | 18.21 - 19.2 mm |
| Number of cutting edges Z | 8 |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Through-coolant | yes, with 25 bar |
| Shank | DIN 6535 HA with h6 |
| Machining strategy | HPC |
| Application for type of drilling | for through 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 | | |