

Garant
Solid carbide reaming head HPC H7 steel Blind hole, TiAlN, Nominal Ø D: 21mm

Order data

| | |
|--------------|---------------|
| Order number | 239725 21 |
| GTIN | 4045197575913 |
| Item class | 23A |

Description
Version:

Interchangeable head reamer system **finish ground for fit IT7**. Cutter geometry matched to the application.

System concentricity $\leq 5 \mu\text{m}$ (depending on the head and holder) when mounted.

With short, straight flutes.

Application:

For blind holes.

For HPC/HSC reaming.

Note:

Total usable length = L_1 (arbor No. 239740 / 239745) + l (interchangeable head No. 239710 to 239720).

Suitable assembly wrench No. 219987. Insert for torque wrench No. 219986.

Further sizes available on request.

Arbor size: 12 mm

Cutter length l_1 : 14 mm

Head length l : 26 mm

Number of cutting edges Z : 8

Feed f in steel $< 1100 \text{ N/mm}^2$: 1.2 mm/rev.

Technical description

| | |
|---|-------------|
| Feed f in steel $< 1100 \text{ N/mm}^2$ | 1.2 mm/rev. |
|---|-------------|

| | |
|----------------------------------|-----------------------------------|
| Nominal Ø D | 21 mm |
| Cutter length l_1 | 14 mm |
| Number of cutting edges Z | 8 |
| Arbor size | 12 mm |
| Head length l | 26 mm |
| Width across flats | 10 mm |
| Series | TopCut |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Hole tolerance | H7 |
| Application for type of drilling | for blind holes and through holes |
| Machining strategy | HPC |
| Through-coolant | yes |
| Semi-Standard | yes |
| suitable arbor | GARANT TopCut |
| Type of product | Cutter insert for reaming |

User data

| | Suitability | V_c | ISO code |
|--------------------------------|-------------|-----------|----------|
| Steel < 750 N/mm ² | suitable | 120 m/min | P |
| Steel < 900 N/mm ² | suitable | 120 m/min | P |
| Steel < 1100 N/mm ² | suitable | 120 m/min | P |
| GG | suitable | 80 m/min | K |
| GGG | suitable | 60 m/min | K |
| wet maximum | suitable | | |
| wet minimum | suitable | | |

