

## Garant

### Solid carbide reaming head HPC H7 stainless steel Blind hole, TiAlN, Nominal Ø D: 16mm



#### Order data

|              |               |
|--------------|---------------|
| Order number | 239735 16     |
| GTIN         | 4045197707383 |
| 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: 10 mm

Cutter length  $l_1$ : 12 mm

Head length  $l$ : 22 mm

Number of cutting edges  $Z$ : 6

Feed  $f$  in stainless steel  $< 900 \text{ N/mm}^2$ : 0.25 mm/rev.

#### Technical description

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

|   |                           |
|---|---------------------------|
| Arbor size  | 10 mm                     |
| Nominal $\varnothing$ D                           | 16 mm                     |
| Cutter length $l_1$                               | 12 mm                     |
| Feed f in stainless steel < 900 N/mm <sup>2</sup> | 0.25 mm/rev.              |
| Head length l                                     | 22 mm                     |
| Width across flats                                | 8 mm                      |
| Series  | TopCut                    |
| Coating   | TiAlN                     |
| Tool material                                     | Solid carbide             |
| Standard  | Manufacturer's standard   |
| Hole tolerance                                    | H7                        |
| Application for type of drilling                  | for blind 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 |
|------------------------------|-------------|----------|----------|
| INOX < 900 N/mm <sup>2</sup> | suitable    | 30 m/min | M        |
| INOX > 900 N/mm <sup>2</sup> | suitable    | 25 m/min | M        |
| Oil                          | suitable    |          |          |
| wet maximum                  | suitable    |          |          |