

**Garant**
**Solid carbide reaming head HPC H7 steel Blind hole, TiAlN, Nominal Ø D: 20,201-Xmm**

**Order data**

Order number	239725 20,201-X
GTIN	4062406606398
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. Delivery time: 4 weeks

Minimum order quantity: 1 piece

Items made to order for a specific customer:

Cancellation only up to a maximum of 3 working days after receipt of order acknowledgement.

Items cannot be returned.

**Technical description**

Number of cutting edges Z	8
Arbor size	12 mm

Head length l	26 mm
Cutter length l <sub>1</sub>	14 mm
Ø range	20.201 - 21.2 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 <sub>c</sub>	ISO code
Steel < 750 N/mm <sup>2</sup>	suitable	120 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	120 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	120 m/min	P
GG	suitable	80 m/min	K
GGG	suitable	60 m/min	K
wet maximum	suitable		
wet minimum	suitable		