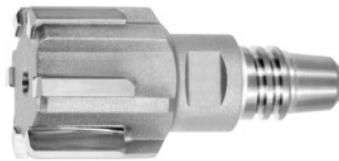


**Garant**
**Cermet reaming head HPC H7 steel Blind hole, uncoated, Nominal Ø D: 46mm**

**Order data**

Order number	239715 46
GTIN	4062406115722
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.

**Technical description**

Cutter length $l_1$	12 mm
Head length $l$	30 mm
Feed $f$ in steel $< 1100 \text{ N/mm}^2$	0.8 mm/rev.
Arbor size	29 mm
Nominal Ø D	46 mm

Number of cutting edges Z	8
Width across flats	24 mm
Series	TopCut
Coating	uncoated
Tool material	Cermet
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 <sub>c</sub>	ISO code
Steel < 500 N/mm <sup>2</sup>	suitable	140 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	140 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	140 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	120 m/min	P
GG	suitable only under restricted conditions	160 m/min	K
G GG	suitable only under restricted conditions	140 m/min	K
Oil	suitable		
wet maximum	suitable		