

Garant
Solid carbide reaming head HPC H7 steel Blind hole, TiAlN, Nominal Ø D: 15mm

Order data

Order number	239725 15
GTIN	4045197575852
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 steel $< 1100 \text{ N/mm}^2$: 0.8 mm/rev.

Technical description

Arbor size	10 mm
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Feed f in steel < 1100 N/mm ²	0.8 mm/rev.
Number of cutting edges Z	6
Nominal Ø D	15 mm
Cutter length l ₁	12 mm
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 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		

