

Garant
Solid carbide reaming head HPC H7 steel Blind hole, TiAlN, Nominal Ø D: 19mm

Order data

Order number	239725 19
GTIN	4045197575890
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 $< 1100 \text{ N/mm}^2$: 1.1 mm/rev.

Technical description

Nominal Ø D	19 mm
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Number of cutting edges Z	8
Feed f in steel < 1100 N/mm ²	1.1 mm/rev.
Cutter length l ₁	14 mm
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		

