

## Garant

### Parallel arbor, Plain shank, for cutter head Ø D: 12 mm



#### Order data

Order number	210550 12
GTIN	4045197521491
Item class	21Z

#### Description

##### Version:

Precision-ground arbor for GARANT TopCut screw-in heads.

**System radial run-out  $\leq 10 \mu\text{m}$**  due to the combination of taper and flat face.

With plain shank (for HSC machining). **Tolerance = h6.**

##### Note:

**Maximum milling depth** =  $L_1 + l$ ;  $l$  = see dimensions of the screw-in heads: No. 210050 – 210410.

Clamping wrench = No. 219987.

Insert for torque wrench = No. 219986.

For long tool overhang, reduce technology data.

Through-coolant: yes

External  $\varnothing d_1$ : 11.8 mm

Overall length  $L_{\text{tot}}$ : 65 mm

Shank  $\varnothing D_5 \text{ h6}$ : 16 mm

recommended tightening torque: 10 Nm

#### Technical description

Shank $\varnothing D_5 \text{ h6}$	16 mm
for cutter head $\varnothing D$	12 mm
External $\varnothing d_1$	11.8 mm
Overall length $L_{\text{tot}}$	65 mm
recommended tightening torque	10 Nm
Series	TopCut

Adapter	Plain shank
Through-coolant	yes
Type of product	Threaded copy mill arbor