

**Garant**
**Arbor parallel, HSK-A 63, for cutter head Ø D: 12mm**

**Order data**

Order number	210580 12
GTIN	4045197522863
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.

**Note:**

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

Assembly wrench = No. 219987.

Plug-in adapter for torque wrench = No. 219986.

For long tool overhang, reduce technology data.

**Technical description**

for cutter head Ø D	12 mm
Reach $L_1$	25 mm
External Ø $d_1$	11.8 mm
Overhang dimension A	51 mm
recommended tightening torque	10 Nm
Series	TopCut
Adapter	HSK-A 63

Through-coolant	yes
Type of product	Threaded copy mill arbor