

**Garant**
**Solid carbide tapered arbor stub, Plain shank, for cutter head Ø D: 12mm**

**Order data**

Order number	210569 12
GTIN	4045197557865
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 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**

External $\varnothing d_1$	11.8 mm
for cutter head $\varnothing D$	12 mm
Reach $L_1$	51 mm
Shank $\varnothing D_5 h6$	16 mm
recommended tightening torque	10 Nm
Overall length $L$	105 mm
Series	TopCut
Adapter	Plain shank
Through-coolant	yes
Type of product	Threaded copy mill arbor

