

**Garant****Toolholder for metric profile broaching tools  $\varnothing d = 12$  mm, Shank  $\varnothing D_S$ : 20mm****Order data**

Order number	293023 20
GTIN	4045197945945
Item class	29K

**Description****Suitable for:**

CNC and conventional machines.

**Optional extras:**

Positioning aid (No. 293000) and pin wrench (No. 293006).

Drive-out tang for MT shanks can be ordered under No. 293008 in the sizes MT2, MT3 and MT4.

**Note:**

- **Caution: Always use appropriate slotting tool  $\varnothing$ .**
- **Other shank connections on request.**

**Technical description**

L	46 mm
Shank length $L_s$	50 mm
Shank type	Plain shank
Shank $\varnothing D_S$	20 mm

Ø d	12 mm
Ø D	44 mm
Through-coolant	no
Type of product	Keyway broaching and profile slotting tool

## Accessories

Pin spanner for holder Ø 16 mm	293006 16
Pin spanner for holder Ø 8 mm	293006 8
Pin spanner for holder Ø 5 mm	293006 5
Pin spanner for holder Ø 12 mm	293006 12