

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

Order number	293023 20
GTIN	4045197945945
Item class	29K

Description**Version:**

Accessories: Bearing key (No. 293000) and pin wrench (No. 293005) available ex stock.

Accessories: Drive-out tang for MT shanks can be ordered under No. 293008 in the sizes MK2, MK3 and MK4.

Suitable for :

CNC and conventional machines.

Optional extras:

Toolholder for slotting tool (No. 293000) and pin wrench (No. 293005) available ex stock.

Drive-out tang for MT shanks can be ordered under No. 293008 in the sizes MK2, MK3 and MK4.

Note:

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

L: 46 mm

Shank length L_s : 50 mm

$\varnothing D$: 44 mm

Technical description

L	46 mm
Shank length L _s	50 mm
Shank type	Plain shank
Shank Ø D _s	20 mm
Ø d	12 mm
Ø D	44 mm
Through-coolant	no
Type of product	Keyway broaching and profile slotting tools