

**Garant**
**Copy mill long, Plain shank, Ø D: 20 mm**

**Order data**

Order number	212603 20
GTIN	4045197712721
Item class	210

**Description**
**Version:**

Exactly accurate insert bedding due to optimised design of insert and insert seat tolerances.  
Highest interchange accuracy guaranteed:  $\pm 0.015$  mm.

**Application:**

General use for finishing and semi-finishing operations.

**Steel** – for general use in machining drop-forgings, and in tool and mould making.

**Note:**

Calculate the speed based on the effective  $\varnothing D_w$ . Use GARANT torque screwdriver TQ No. **211750 size 5.0** with bit No. **674252 size 20IP**.

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 2

Overhang  $L_1$ : 34 mm

Length  $\varnothing d_1$ : 75 mm

Overall length  $L_{tot}$ : 141 mm

$\varnothing d_1$ : 17 mm

Shank  $\varnothing D_s$  h6: 20 mm

**Technical description**

Length $\varnothing d_1$	75 mm
$\varnothing d_1$	17 mm
Overall length $L_{tot}$	141 mm
Overhang $L_1$	34 mm

Shank $\varnothing D_s$ h6	20 mm
Cutting edge $\varnothing D_c$	20 mm
Insert screw	219874 (20IP; 5.0 Nm)
Number of cutting edges Z	2
Through-coolant	yes
Shank type	Plain shank
Milling application	Copy milling
Tool exchange	PowerCard

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## Accessories

Torque screwdriver, fixed setting set torque 5,0 Nm	211750 5,0
Clamping screw	219874
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 20IP	674252 20IP