

**Garant**
**Copy mill extra long, Plain shank, Ø D: 12 mm**

**Order data**

Order number	212606 12
GTIN	4045197712745
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 2.2** with bit No. **674252 size 10IP**.

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 2

Overhang  $L_i$ : 22 mm

Length  $\varnothing d_1$ : 85 mm

Overall length  $L_{tot}$ : 145 mm

$\varnothing d_1$ : 10 mm

Shank  $\varnothing D_s$  h6: 12 mm

**Technical description**

Overall length $L_{tot}$	145 mm
Shank $\varnothing D_s$ h6	12 mm
Insert screw	219872 (10IP; 2.2 Nm)
$\varnothing d_1$	10 mm
Length $\varnothing d_1$	85 mm

Cutting edge $\varnothing D_c$	12 mm
Overhang $L_1$	22 mm
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

PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 10IP	674252 10IP
Clamping screw	219872
Torque screwdriver, fixed setting set torque 2,2 Nm	211750 2,2