

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

**Order data**

Order number	212603 12
GTIN	4045197712707
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**.

**Technical description**

Cutting edge $\varnothing D_c$	12 mm
Overhang $L_1$	22 mm
Overall length $L_{tot}$	110 mm
$\varnothing d_1$	10 mm
Length $\varnothing d_1$	53 mm
Insert screw	219872 (10IP; 2.2 Nm)
Shank $\varnothing D_s$ h6	12 mm
Number of cutting edges Z	2
Through-coolant	yes
Shank type	Plain shank

Milling application	Copy milling
Tool exchange	PowerCard
Type of product	Copy mill

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## Accessories

Clamping screw	219872
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 10IP	674252 10IP
Torque screwdriver, fixed setting set torque 2,2 N·m	211750 2,2