

Garant**Copy mill 0° negative, with threaded shank, Ø D / number of teeth Z: 42/4mm**

Order data

Order number	212155 42/4
GTIN	4045197192875
Item class	210

Description

Version:

Milling body with irregular pitch for smooth cutting.

- **High axial run-out accuracy and concentricity**
- **Stepless repositioning as the cutting edge wears.**

Attention:

Retaining screws and retaining washers should **not** be used for inserts with positive geometry.

Note:

Use GARANT torque screwdriver TQ No. **211750 size 3.8** with bit No. **674252 size 15IP**.

$a_{p\max} = 2.5 \text{ mm}$.

Technical description

Ø D ₁ h6	17 mm
Set of retaining screws	219807 (15IP; 3.8 Nm)
Ø D ₂	28.7 mm
Mounting thread M	M16
Pack of insert screws	219805 (15IP; 3.8 Nm)
Overall length L _{tot}	42 mm
Cutting edge Ø D _c	42 mm

Ø D ₃	30 mm
suitable indexable insert	RD..12T3
Number of cutting edges Z	4
Through-coolant	yes
Ramping length L for α _{max}	26.94 mm
Circular interpolation milling Ø D _{min}	72 mm
Circular interpolation milling a _p	2.5 mm
Ramping angle α _{max}	1.79 degrees
Circular interpolation milling Ø D _{max}	82 mm
Shank type	with threaded shank
Milling head suitable for insert shape	round
Milling application	Circular milling
Milling application	Ramping
Spacing of the cutters	unequal spacing
Tool exchange	PowerCard
Type of product	Copy mill

Accessories

Torque screwdriver, fixed setting set torque 3,8 N·m	211750 3,8
Set of insert screws 10-piece	219807
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 15IP	674252 15IP
Set of insert screws 10-piece	219805