

**Garant**

**Copy mill 7° positive, with threaded shank, Ø D / number of teeth Z: 42/5 mm**


**Order data**

Order number	212140 42/5
GTIN	4045197888914
Item class	210

**Description**
**Version:**

Milling body with irregular pitch for smooth cutting.

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

Vibration reduction and soft cutter edge entry due to 7° positive setting of the indexable inserts.

**Note:**

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

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

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 5

Ø D<sub>1</sub> h6: 17 mm

Ø D<sub>2</sub>: 28.7 mm

Ø D<sub>3</sub>: 32 mm

Overall length L<sub>tot</sub>: 42 mm

Mounting thread M: M16

**Technical description**

Ramping length L for $\alpha_{\max}$	29.46 mm
Ø D <sub>3</sub>	32 mm

Overall length $L_{tot}$	42 mm
Cutting edge $\varnothing D_c$	42 mm
Pack of insert screws	219804 (15IP; 3.8 Nm)
Through-coolant	yes
$\varnothing D_2$	28.7 mm
Circular interpolation milling $\varnothing D_{min}$	74 mm
Ramping angle $\alpha_{max}$	1.36 degrees
$\varnothing D_1$ h6	17 mm
Circular interpolation milling $\varnothing D_{max}$	82 mm
suitable indexable insert	RD..1003
Mounting thread M	M16
Number of cutting edges Z	5
Shank type	with threaded shank
Milling head suitable for insert shape	round
Milling application	Ramping
Milling application	Circular milling
Spacing of the cutters	unequal spacing
Tool exchange	PowerCard

## Accessories

Set of insert screws 10-piece	219804
Torque screwdriver, fixed setting set torque 3,8 Nm	211750 3,8
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 15IP	674252 15IP