

**Garant**

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


**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**.

$a_{p\max} = 4.0$  mm.

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 4

Ø D<sub>1</sub> h6: 17 mm

Ø D<sub>2</sub>: 28.7 mm

Ø D<sub>3</sub>: 30 mm

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

Mounting thread M: M16

**Technical description**

Ø D <sub>1</sub> h6	17 mm
Set of retaining screws	219807 (15IP; 3.8 Nm)

Ø D <sub>2</sub>	28.7 mm
Mounting thread M	M16
Pack of insert screws	219805 (15IP; 3.8 Nm)
Overall length L <sub>tot</sub>	42 mm
Cutting edge Ø D <sub>c</sub>	42 mm
Ø D <sub>3</sub>	30 mm
suitable indexable insert	RD..12T3
Number of cutting edges Z	4
Through-coolant	yes
Ramping length L for α <sub>max</sub>	26.95 mm
Circular interpolation milling Ø D <sub>min</sub>	72 mm
Circular interpolation milling a <sub>p</sub>	4 mm
Ramping angle α <sub>max</sub>	1.79 degrees
Circular interpolation milling Ø D <sub>max</sub>	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

## Accessories

Torque screwdriver, fixed setting set torque 3,8 Nm	211750 3,8
Set of insert screws 10-piece	219807
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 15IP	674252 15IP
Set of insert screws 10-piece	219805