

**Garant**

Copy mill 0° negative, with bore, Ø D / number of teeth Z: 42/6mm


**Order data**

Order number	212125 42/6
GTIN	4045197192592
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.**

**Note:**

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

$a_{p\max} = 2 \text{ mm}$ .

**Technical description**

Cutting edge Ø D <sub>c</sub>	42 mm
Overall length L <sub>tot</sub>	40 mm
Mounting bore Ø	16 mm
Pack of insert screws	219804 (15IP; 3.8 Nm)
suitable indexable insert	RD..1003
Ø D <sub>3</sub>	32 mm
Number of cutting edges Z	6

Through-coolant	yes
Circular interpolation milling $\varnothing D_{\min}$	74 mm
Circular interpolation milling $\varnothing D_{\max}$	82 mm
Circular interpolation milling $a_p$	2 mm
Ramping length L for $\alpha_{\max}$	29.45 mm
Ramping angle $\alpha_{\max}$	1.36 degrees
Setting angle $\kappa$	15 – 30 degrees
Fz Helix	0.7
Shank type	with bore
Milling head suitable for insert shape	round
Milling application	Ramping
Milling application	Circular milling
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	219804
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 15IP	674252 15IP