

**Garant****Copy mill 7° positive, with bore, Ø D / number of teeth Z: 63/6mm****Order data**

Order number	212150 63/6
GTIN	4045197939487
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.**

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

**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**

suitable indexable insert	RD..1604
Pack of insert screws	219805 (15IP; 3.8 Nm)
Cutting edge Ø D <sub>c</sub>	63 mm
Mounting bore Ø	22 mm

Overall length $L_{\text{tot}}$	50 mm
$\varnothing D_3$	51 mm
Set of retaining screws	219807 (15IP; 3.8 Nm)
Through-coolant	yes
Number of cutting edges Z	6
Setting angle $\kappa$	15 – 27 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

PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 15IP	674252 15IP
Torque screwdriver, fixed setting set torque 3,8 N·m	211750 3,8