

**Garant**
**Copy mill 0° negative, Weldon shank, Ø D: 25L mm**

**Order data**

Order number	212105 25L
GTIN	4045197192547
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**.

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

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 2

Ø D<sub>3</sub>: 15 mm

Overhang L<sub>1</sub>: 70 mm

Overall length L<sub>tot</sub>: 180 mm

Shank Ø D<sub>s</sub> h6: 25 mm

Circular interpolation milling Ø D<sub>min</sub>: 40 mm

**Technical description**

Shank Ø D <sub>s</sub> h6	25 mm
Overhang L <sub>1</sub>	70 mm
suitable indexable insert	RD..1003
Cutting edge Ø D <sub>c</sub>	25 mm
Pack of insert screws	219804 (15IP; 3.8 Nm)

Overall length $L_{tot}$	180 mm
$\varnothing D_3$	15 mm
Number of cutting edges Z	2
Through-coolant	yes
Circular interpolation milling $\varnothing D_{max}$	48 mm
Circular interpolation milling $\varnothing D_{min}$	40 mm
Ramping angle $\alpha_{max}$	3.22 degrees
Ramping length L for $\alpha_{max}$	12.47 mm
Circular interpolation milling $a_p$	2.5 mm
Shank type	Weldon 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

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