

**Garant**
**Copy mill 0° negative, Weldon shank, Ø D: 15 mm**

**Order data**

Order number	212090 15
GTIN	4045197192387
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:**

$a_{p\max} = 1.5$  mm.

Use GARANT torque screwdriver TQ No. **211750 size 1.2** with bit No. **674252 size 8IP**.

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 2

Ø D<sub>3</sub>: 8 mm

Overhang L<sub>1</sub>: 24.5 mm

Length Ø d<sub>1</sub>: 40 mm

Overall length L<sub>tot</sub>: 90 mm

Shank Ø D<sub>s</sub> h6: 16 mm

**Technical description**

Cutting edge Ø D <sub>c</sub>	15 mm
Overall length L <sub>tot</sub>	90 mm
Shank Ø D <sub>s</sub> h6	16 mm
Length Ø d <sub>1</sub>	40 mm
Pack of insert screws	219803 (8IP; 1.2 Nm)

suitable indexable insert	RD.. 0702
Ø D <sub>3</sub>	8 mm
Overhang L <sub>1</sub>	24.5 mm
Number of cutting edges Z	2
Through-coolant	yes
Circular interpolation milling Ø D <sub>max</sub>	28.9 mm
Circular interpolation milling Ø D <sub>min</sub>	22.9 mm
Ramping angle α <sub>max</sub>	20 degrees
Ramping length L for α <sub>max</sub>	6.21 mm
Circular interpolation milling a <sub>p</sub>	1.5 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

Torque screwdriver, fixed setting set torque 1,2 Nm	211750 1,2
Set of insert screws 10-piece	219803
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 6IP	674252 6IP