

**Garant**
**Copy mill 0° negative, with threaded shank, Ø D: 16 mm**

**Order data**

Order number	212100 16
GTIN	4045197192448
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 shank No. **674252 size 8IP**.

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 3

Ø D<sub>1</sub> h6: 8.5 mm

Ø D<sub>2</sub>: 12.7 mm

Ø D<sub>3</sub>: 9 mm

Overall length L<sub>tot</sub>: 23 mm

Mounting thread M: M8

**Technical description**

suitable indexable insert	RD.. 0702
Ø D <sub>1</sub> h6	8.5 mm
Mounting thread M	M8
Pack of insert screws	219803 (8IP; 1.2 Nm)

Overall length $L_{tot}$	23 mm
$\varnothing D_3$	9 mm
Cutting edge $\varnothing D_c$	16 mm
$\varnothing D_2$	12.7 mm
Number of cutting edges Z	3
Through-coolant	yes
Ramping length L for $\alpha_{max}$	7.23 mm
Circular interpolation milling $\varnothing D_{min}$	25 mm
Circular interpolation milling $a_p$	1.5 mm
Ramping angle $\alpha_{max}$	3.89 degrees
Circular interpolation milling $\varnothing D_{max}$	30 mm
Shank type	with threaded shank
Milling head suitable for insert shape	round
Milling application	Ramping
Milling application	Circular milling
Spacing of the cutters	unequal spacing
Tool exchange	PowerCard

## Accessories

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