

**Garant**
**Copy mill 0° negative, Weldon shank, Ø D: 20L mm**

**Order data**

Order number	212105 20L
GTIN	4045197192523
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>: 10 mm

Overhang L<sub>1</sub>: 100 mm

Overall length L<sub>tot</sub>: 155 mm

Shank Ø D<sub>s</sub> h6: 20 mm

Circular interpolation milling Ø D<sub>min</sub>: 30 mm

**Technical description**

Overall length L <sub>tot</sub>	155 mm
Ø D <sub>3</sub>	10 mm
Shank Ø D <sub>s</sub> h6	20 mm
Pack of insert screws	219804 (15IP; 3.8 Nm)
Overhang L <sub>1</sub>	100 mm
Cutting edge Ø D <sub>c</sub>	20 mm

suitable indexable insert	RD..1003
Number of cutting edges Z	2
Through-coolant	yes
Circular interpolation milling $\varnothing D_{\max}$	38 mm
Circular interpolation milling $\varnothing D_{\min}$	30 mm
Ramping angle $\alpha_{\max}$	5.37 degrees
Ramping length L for $\alpha_{\max}$	7.48 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

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