

**Garant**

Copy mill 0° negative, with threaded shank, Ø D / number of teeth Z: 32/2 mm


**Order data**

Order number	212170 32/2
GTIN	4045197192936
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.**

**Application:**

With pack of insert screws No. 219800 - for securing indexable inserts and retaining washers.

**Attention:**

Retaining screws and retaining washers should **not** be used for inserts with positive geometry.

**Note:**

Use GARANT torque screwdriver TQ No. **211750 size 5.7** with bit No. **674252 size 20IP**.

$a_{p\ max} = 5.0\ mm$ .

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 2

Ø D<sub>1</sub> h6: 17 mm

Ø D<sub>2</sub>: 28.7 mm

Ø D<sub>3</sub>: 16 mm

Overall length L<sub>tot</sub>: 42 mm

Mounting thread M: M16

**Technical description**

suitable indexable insert	RD..1604
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Cutting edge $\varnothing D_c$	32 mm
Pack of insert screws	219800 (20IP; 5.7 Nm)
$\varnothing D_1$ h6	17 mm
Mounting thread M	M16
$\varnothing D_2$	28.7 mm
Overall length $L_{tot}$	42 mm
Set of retaining washers	219955
$\varnothing D_3$	16 mm
Number of cutting edges Z	2
Through-coolant	yes
Ramping length L for $\alpha_{max}$	11.97 mm
Circular interpolation milling $\varnothing D_{min}$	48 mm
Circular interpolation milling $a_p$	5 mm
Ramping angle $\alpha_{max}$	5.37 degrees
Circular interpolation milling $\varnothing D_{max}$	62 mm
Shank type	with threaded 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 20IP	674252 20IP
Set of retaining washers 10 pieces	219955
Torque screwdriver, fixed setting set torque 5,7 Nm	211750 5,7
Set of insert screws 10 pieces	219800

