

Garant

Copy mill 0° negative, with bore, Ø D / number of teeth Z: 48/4 mm



Order data

Order number	212145 48/4
GTIN	4045197192783
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.**

Attention:

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

Note:

Use GARANT torque screwdriver TQ No. **211750 size 3.8** with bit No. **674252 size 15IP**.

$a_{p\ max} = 4.0\ mm$.

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 4

Ø D₃: 36 mm

Overall length L_{tot}: 50 mm

Mounting bore Ø: 22 mm

Circular interpolation milling Ø D_{min}: 84 mm

Circular interpolation milling Ø D_{max}: 94 mm

Technical description

suitable indexable insert	RD..12T3
Overall length L_{tot}	50 mm
Set of retaining screws	219807 (15IP; 3.8 Nm)
Mounting bore \varnothing	22 mm
Pack of insert screws	219805 (15IP; 3.8 Nm)
$\varnothing D_3$	36 mm
Cutting edge $\varnothing D_c$	48 mm
Number of cutting edges Z	4
Through-coolant	yes
Circular interpolation milling $\varnothing D_{min}$	84 mm
Circular interpolation milling $\varnothing D_{max}$	94 mm
Circular interpolation milling a_p	4 mm
Ramping length L for α_{max}	32.95 mm
Ramping angle α_{max}	1.46 degrees
Shank type	with bore
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 3,8 Nm	211750 3,8
Set of insert screws 10-piece	219807
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 15IP	674252 15IP
Set of insert screws 10-piece	219805