

Garant

Copy mill 0° negative, with bore, Ø D / number of teeth Z: 66/6mm



Order data

Order number	212145 66/6
GTIN	4045197192806
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**.

$a_{p\ max} = 2.5\ mm$.

Technical description

suitable indexable insert	RD..12T3
Mounting bore Ø	27 mm
Set of retaining screws	219807 (15IP; 3.8 Nm)
Pack of insert screws	219805 (15IP; 3.8 Nm)

Cutting edge $\varnothing D_c$	66 mm
$\varnothing D_3$	54 mm
Overall length L_{tot}	50 mm
Number of cutting edges Z	6
Through-coolant	yes
Circular interpolation milling $\varnothing D_{min}$	120 mm
Circular interpolation milling $\varnothing D_{max}$	130 mm
Circular interpolation milling a_p	2.5 mm
Ramping length L for α_{max}	50.94 mm
Ramping angle α_{max}	0.94 degrees
Setting angle κ	15 – 27 degrees
Fz Helix	0.7
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
Type of product	Copy mill

Accessories

Set of insert screws 10-piece	219805
Set of insert screws 10-piece	219807
Torque screwdriver, fixed setting set torque 3,8 N·m	211750 3,8
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 15IP	674252 15IP