

Garant

**Copy mill 0° negative, Plain shank, Ø D / number of effective cutting edges Z:
12/3mm**


Order data

Order number	212070 12/3
GTIN	4045197606082
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:

$a_{p\max} = 1.1$ mm.

Use GARANT torque screwdriver TQ No. **211750 size 0.6** with bit No. **674252 size 6IP**.

Technical description

Overall length L_{tot}	75 mm
Cutting edge $\varnothing D_c$	12 mm
Shank $\varnothing D_s$ h6	10 mm
Pack of insert screws	219802 (6IP; 0.6 Nm)
suitable indexable insert	RD.. 0501
Overhang L_1	15 mm
$\varnothing D_3$	7 mm
Number of cutting edges Z	3
Through-coolant	yes
Circular interpolation milling $\varnothing D_{\text{max}}$	22 mm

Circular interpolation milling $\varnothing D_{\min}$	19 mm
Ramping angle α_{\max}	3.5 degrees
Ramping length L for α_{\max}	5.72 mm
Circular interpolation milling a_p	1.1 mm
Setting angle κ	15 – 27 degrees
Shank type	Plain shank
Milling head suitable for insert shape	round
Milling application	Circular milling
Milling application	Ramping
Spacing of the cutters	unequal spacing
Tool exchange	PowerCard
Type of product	Copy mill

Accessories

Set of insert screws 10-piece	219802
Torque screwdriver, fixed setting set torque 0,6 N·m	211750 0,6
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 6IP	674252 6IP