

Garant

Copy mill 7° positive, with bore, Ø D / number of teeth Z: 80/7mm



Order data

Order number	212150 80/7
GTIN	4045197750440
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.**

Vibration reduction and soft cutter edge entry due to 7° positive setting of the indexable inserts.

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

Overall length L_{tot}	50 mm
Ø D_3	68 mm
suitable indexable insert	RD..12T3
Cutting edge Ø D_c	80 mm

Set of retaining screws	219807 (15IP; 3.8 Nm)
Number of cutting edges Z	7
Mounting bore Ø	27 mm
Pack of insert screws	219805 (15IP; 3.8 Nm)
Through-coolant	yes
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

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