

Garant

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


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**.

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

Tool exchange: PowerCard

Through-coolant: yes

Number of cutting edges Z: 7

Ø D₃: 68 mm

Overall length L_{tot}: 50 mm

Mounting bore Ø: 27 mm

Circular interpolation milling Ø D_{min}: 148 mm

Circular interpolation milling Ø D_{max}: 158 mm

Technical description

Overall length L_{tot}	50 mm
$\varnothing D_3$	68 mm
suitable indexable insert	RD..12T3
Cutting edge $\varnothing D_c$	80 mm
Set of retaining screws	219807 (15IP; 3.8 Nm)
Number of cutting edges Z	7
Mounting bore \varnothing	27 mm
Pack of insert screws	219805 (15IP; 3.8 Nm)
Through-coolant	yes
Circular interpolation milling $\varnothing D_{\text{min}}$	148 mm
Circular interpolation milling $\varnothing D_{\text{max}}$	158 mm
Ramping length L for α_{max}	64.94 mm
Ramping angle α_{max}	0.74 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

PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 15IP	674252 15IP
Set of insert screws 10-piece	219807
Torque screwdriver, fixed setting set torque 3,8 Nm	211750 3,8
Set of insert screws 10-piece	219805