

**Garant**
**Plunge milling cutter 93°, with bore, Ø D / number of teeth Z: 42/3mm**

**Order data**

Order number	211807 42/3
GTIN	4045197647191
Item class	210

**Description**
**Version:**

Greater tool stiffness by elimination of twist between indexable insert and insert seat.

**Application:**

To prevent chips jamming, especially when milling deep pockets.

**Note:**

Use GARANT torque screwdriver TQ No. **211750 size 5.7** with bit No. **674252 size 20IP**.

**Technical description**

Mounting bore Ø	16 mm
suitable indexable insert	VCG. 2205
Pack of insert screws	219800 (20IP; 5.7 Nm)
Cutting edge Ø D <sub>c</sub>	42 mm
Overall length L <sub>tot</sub>	55 mm
Number of cutting edges Z	3
Circular interpolation milling Ø D <sub>min</sub>	78 mm
Ramping angle α <sub>max</sub>	5.3 degrees
Circular interpolation milling a <sub>p</sub>	8 mm

Circular interpolation milling $\varnothing D_{\max}$	82 mm
Ramping length L for $\alpha_{\max}$	32.34 mm
$\varnothing D_3$	36 mm
Shank type	with bore
Setting angle $\kappa$	93 degrees
Milling application	Circular milling
Milling application	Ramping
Through-coolant	yes
Machining strategy	MTC
Tool exchange	PowerCard
Type of product	Plunge mill

## Accessories

Set of insert screws 10 pieces	219800
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 10IP	674252 10IP
Torque screwdriver, fixed setting set torque 5,7 N·m	211750 5,7