

**Garant**

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


**Order data**

Order number	211813 42/3
GTIN	4045197502117
Item class	210

**Description**
**Version:**

Greater tool stiffness by elimination of twist between indexable insert and insert seat.  
Can be extended as required using the threaded connection.

**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 thread M	M16
suitable indexable insert	VCG. 2205
Ø D <sub>1</sub> h6	17 mm
Pack of insert screws	219800 (20IP; 5.7 Nm)
Cutting edge Ø D <sub>c</sub>	42 mm
Overall length L <sub>tot</sub>	47 mm
Ø D <sub>2</sub>	29 mm
Number of cutting edges Z	3

Ramping angle $\alpha_{\max}$	5.3 degrees
Circular interpolation milling $a_p$	8 mm
Circular interpolation milling $\varnothing D_{\max}$	82 mm
Circular interpolation milling $\varnothing D_{\min}$	78 mm
Ramping length L for $\alpha_{\max}$	32.34 mm
$\varnothing D_3$	36 mm
Shank type	with threaded shank
Setting angle $\kappa$	93 degrees
Milling application	Ramping
Milling application	Circular milling
Through-coolant	yes
Machining strategy	MTC
Tool exchange	PowerCard
Type of product	Plunge mill

## Accessories

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
Set of insert screws 10 pieces	219800