

**Garant**

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


**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**.

Tool exchange: PowerCard

Ø D<sub>3</sub>: 36 mm

Ø D<sub>1</sub> h6: 17 mm

Ø D<sub>2</sub>: 29 mm

Overall length L<sub>tot</sub>: 47 mm

Mounting thread M: M16

Circular interpolation milling Ø D<sub>min</sub>: 78 mm

**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 $\varnothing D_c$	42 mm
Overall length $L_{tot}$	47 mm
$\varnothing D_2$	29 mm
Number of cutting edges Z	3
Ramping angle $\alpha_{max}$	11.6 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 $\alpha_{max}$	30.43 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	Indexable insert cutter

## Accessories

PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 10IP	674252 10IP
Torque screwdriver, fixed setting set torque 5,7 Nm	211750 5,7
Set of insert screws 10 pieces	219800