

Garant
Plunge milling cutter 90°, with threaded shank, Ø D / number of teeth Z: 42/3 mm

Order data

Order number	211811 42/3
GTIN	4045197502094
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.

Note:

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

Tool exchange: PowerCard

Ø D₃: 36 mm

Ø D₁ h6: 17 mm

Ø D₂: 29 mm

Overall length L_{tot}: 47 mm

Mounting thread M: M16

Circular interpolation milling Ø D_{min}: 78 mm

Technical description

Ø D ₂	29 mm
Pack of insert screws	219800 (20IP; 5.7 Nm)
Mounting thread M	M16
Cutting edge Ø D _c	42 mm
suitable indexable insert	VCG. 2205

Overall length L_{tot}	47 mm
$\varnothing D_1$ h6	17 mm
Number of cutting edges Z	3
Ramping angle α_{max}	13.8 degrees
Circular interpolation milling a_p	8 mm
Circular interpolation milling $\varnothing D_{min}$	78 mm
Ramping length L for α_{max}	30.31 mm
Circular interpolation milling $\varnothing D_{max}$	82 mm
$\varnothing D_3$	36 mm
Shank type	with threaded shank
Setting angle κ	90 degrees
Milling application	Circular milling
Milling application	Ramping
Through-coolant	yes
Machining strategy	MTC
Tool exchange	PowerCard
Type of product	Indexable insert cutter
USP1	90° with thread

Accessories

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