

## Garant

### GARANT Softcut® 90° shoulder mill MTC, with threaded shank, Ø D / number of teeth Z: 16/2mm



#### Order data

Order number	215570 16/2
GTIN	4045197409195
Item class	210

#### Description

##### Version:

High precision indexable face mill with irregular pitch for very smooth cutting, very high precision, and very high metal removal rate. **New generation** of high performance indexable face mills **with special geometry for reduced cutting forces for MTC applications** under **unstable conditions** or **for spindles with low drive power**.

##### Application:

For face milling to large depths, also slotting. General use in all steels including stainless steels.

##### Spare part:

Pack of insert screws No. 219826 (8IP; 2.2 Nm).

##### Note:

The insert pocket must be modified when using indexable inserts with a radius greater than 2 mm.

GARANT torque screwdriver TQ No. **211750 size 2.2**, use bit No. **674252 size 8IP**.

#### Technical description

Ø D <sub>2</sub>	12.7 mm
Mounting thread M	M8
Cutting edge Ø D <sub>c</sub>	16 mm
suitable indexable insert	AP.. 1335..

Pack of insert screws	219826 (8IP; 2.2 Nm)
Ø D <sub>1</sub> h6	8.5 mm
Overall length L <sub>tot</sub>	26 mm
Number of cutting edges Z	2
Circular interpolation milling Ø D <sub>max</sub>	30 mm
Circular interpolation milling a <sub>p</sub>	1.2 mm
Circular interpolation milling Ø D <sub>min</sub>	29 mm
Ramping angle α <sub>max</sub>	1.64 degrees
Ramping length L for α <sub>max</sub>	10.5 mm
Series	Softcut®
Ø D <sub>3</sub>	13 mm
Shank type	with threaded shank
Setting angle κ	90 degrees
Milling application	Circular milling
Milling application	Circular milling
Milling application	Ramping
Spacing of the cutters	unequal spacing
Through-coolant	yes
Machining strategy	MTC
Tool exchange	PowerCard
Type of product	End / face mill

## Accessories

Set of insert screws 10-piece	219826
Torque screwdriver, fixed setting set torque 2,2 N·m	211750 2,2
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 8IP	674252 8IP