

**Garant**
**Softcut® 90° shoulder mill, Weldon shank, Ø D / Zeff: 16/2 mm**


## Order data

Order number	215622 16/2
GTIN	4045197573926
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. Suitable inserts APMT 0602..**

### Application:

For end milling including slotting. General use in all steels including stainless steels.

### Spare part:

Pack of insert screws No. 219827 (6IP; 0.45 Nm).

### Note:

GARANT torque screwdriver TQ No. **211750 size 0.45**, use bit No. **674252 size 6IP**.

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

### Not for ramping or circular plunging!

Tool exchange: PowerCard

Number of effective inserts  $Z_{\text{eff}}$ : 2

Number of indexable inserts: 8

maximum cutting depth  $a_{p\text{max}}$ : 22.5 mm

Overhang  $L_1$ : 32 mm

Overall length  $L_{\text{tot}}$ : 80 mm

Shank  $\varnothing D_s$  h6: 16 mm

## Technical description

maximum cutting depth $a_{p\text{max}}$	22.5 mm
Cutting edge $\varnothing D_c$	16 mm

Shank $\varnothing D_s$ h6	16 mm
Overhang $L_1$	32 mm
Number of effective inserts $Z_{\text{eff}}$	2
suitable indexable insert	AP.. 0602..
Overall length $L_{\text{tot}}$	80 mm
Pack of insert screws	219827 (6IP; 0.45 Nm)
Number of indexable inserts	8
Shank type	Weldon shank
Setting angle $\kappa$	90 degrees
Milling application	End milling
Spacing of the cutters	unequal spacing
Through-coolant	yes
Machining strategy	MTC
Tool exchange	PowerCard

## Accessories

Set of insert screws 10-piece	219827
PrecisionBit for Torx Plus®, shank E 6.3 Torx Plus® profile 6IP	674252 6IP
Torque screwdriver, fixed setting set torque 0,45 Nm	211750 0,45