

**Garant**

**GARANT Softcut® 90° shoulder mill MTC long, Plain shank, Ø D / number of teeth Z: 25/2mm**

**Order data**

Order number	215157 25/2
GTIN	4045197349231
Item class	210

**Description****Version:**

High precision square shoulder milling cutter with irregular pitch for very smooth cutting, very high precision and cutting power. High performance indexable square shoulder milling cutter **with special geometry for reduced cutting forces for MTC applications** under **unstable conditions** or **for spindles with low drive power**.

Without internal cooling.

**Application:**

For face milling to large depths, also slotting. General use in all steels including stainless steels. Especially for **MTC (Multi Task Cutting)** use on the new generation of turning/milling centres (**MTM**).

**Note:**

Use GARANT torque screwdriver TQ No. **211750 size 3.8** with bit No. **674252 size 15IP**.

The insert pocket must be modified when using indexable inserts with a radius greater than 3.1 mm.

**Technical description**

suitable indexable insert	AP.. 1805..
Overhang $L_1$	45 mm
Shank Ø $D_s$ h6	25 mm
Overall length $L_{tot}$	200 mm
Pack of insert screws	219824 (15IP; 3.8 Nm)
Cutting edge Ø $D_c$	25 mm

Number of cutting edges Z	2
Ramping length L for $\alpha_{\max}$	16.95 mm
Circular interpolation milling $\varnothing D_{\max}$	48 mm
Circular interpolation milling $\varnothing D_{\min}$	44 mm
Circular interpolation milling $a_p$	1 mm
Ramping angle $\alpha_{\max}$	1.69 degrees
Series	Softcut®
$\varnothing D_3$	19 mm
Shank type	Plain shank
Setting angle $\kappa$	90 degrees
Milling application	Corner milling
Milling application	Circular milling
Milling application	Ramping
Spacing of the cutters	unequal spacing
Through-coolant	no
Machining strategy	MTC
Tool exchange	PowerCard
Type of product	End / face mill

## Accessories

Set of insert screws 10-piece	219824
Torque screwdriver, fixed setting set torque 3,8 N·m	211750 3,8
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 15IP	674252 15IP