

Garant**Softcut® shoulder mill with plain shank, for indexable inserts AP..****Order data**

Order number	215157 25/2
GTIN	4045197349231
Item class	210

Description**Version:**

Without internal cooling.

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**.

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:

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

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

Technical description

suitable indexable insert	AP.. 1805..
Overhang L_1	45 mm
Shank $\varnothing D_s$ h6	25 mm
Overall length L_{tot}	200 mm
Set of insert screws	219824 (15IP; 3.8 Nm)
Cutting edge $\varnothing D_c$	25 mm
Number of cutting edges Z	2

Ramping length L for α_{\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 α_{\max}	1.69 degrees
Series	Softcut®
$\varnothing D_3$	19 mm
Shank type	Plain shank
Setting angle κ	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

Suitable products

<https://www.hoffmann-group.com/GB/en/hom/p/215157-25/2>