

Garant

GARANT Softcut® 90° shoulder mill MTC, with threaded shank, Ø D / number of teeth Z: 25/7mm



Order data

Order number	215615 25/7
GTIN	4045197409973
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. 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.

Technical description

Ø D ₁ h6	12.5 mm
Pack of insert screws	219827 (6IP; 0.45 Nm)
Mounting thread M	M12
Ø D ₂	20.7 mm
suitable indexable insert	AP.. 0602..

Cutting edge $\varnothing D_c$	25 mm
Overall length L_{tot}	35 mm
Number of cutting edges Z	7
Circular interpolation milling $\varnothing D_{max}$	48 mm
Circular interpolation milling a_p	0.9 mm
Circular interpolation milling $\varnothing D_{min}$	48 mm
Ramping angle α_{max}	0.52 degrees
Ramping length L for α_{max}	21.85 mm
Series	Softcut®
$\varnothing D_3$	23 mm
Shank type	with threaded shank
Setting angle κ	90 degrees
Milling application	End milling
Milling application	Ramping
Milling application	Circular milling
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	219827
Torque screwdriver, fixed setting set torque 0,45 N·m	211750 0,45
PrecisionBit for Torx Plus®, 1/4 inch E 6.3 Torx Plus® profile 6IP	674252 6IP