

Garant

GARANT Softcut® 90° shoulder mill MTC, with threaded shank, Ø D / number of teeth Z: 25/3mm



Order data

Order number	215570 25/3
GTIN	4045197409232
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

Overall length L_{tot}	35 mm
$\varnothing D_1$ h6	12.5 mm
Cutting edge $\varnothing D_c$	25 mm
suitable indexable insert	AP.. 1335..
Mounting thread M	M12

Ø D ₂	20.7 mm
Pack of insert screws	219826 (8IP; 2.2 Nm)
Number of cutting edges Z	3
Circular interpolation milling Ø D _{max}	48 mm
Circular interpolation milling a _p	1.9 mm
Circular interpolation milling Ø D _{min}	47 mm
Ramping angle α _{max}	0.88 degrees
Ramping length L for α _{max}	19.5 mm
Series	Softcut®
Ø D ₃	22 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

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