

Garant

GARANT Softcut® 90° shoulder mill MTC, Plain shank, Ø D / number of teeth Z: 20/2mm



Order data

Order number	215565 20/2
GTIN	4045197409096
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

Cutting edge Ø D _c	20 mm
Overall length L _{tot}	160 mm
Pack of insert screws	219826 (8IP; 2.2 Nm)
Shank Ø D _s h6	20 mm
Overhang L ₁	50 mm
suitable indexable insert	AP.. 1335..

Number of cutting edges Z	2
Ramping length L for α_{\max}	14.5 mm
Circular interpolation milling $\varnothing D_{\max}$	38 mm
Circular interpolation milling $\varnothing D_{\min}$	37 mm
Circular interpolation milling a_p	1.7 mm
Ramping angle α_{\max}	1.19 degrees
Series	Softcut®
$\varnothing D_3$	17 mm
Shank type	Plain shank
Setting angle κ	90 degrees
Milling application	End 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

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