

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

Order number	215575 100/12
GTIN	4045197409416
Item class	21O

Description**Version:**

High precision indexable shoulder mill with irregular pitch for very smooth cutting, very high precision, and very high metal removal rate. **New generation** of high performance indexable shoulder mills **with special geometry for reduced cutting forces for MTC applications** under **unstable conditions** or **for spindles with low drive power**.

Application:

For shoulder 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}	50 mm
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Set of insert screws	219826 (8IP; 2.2 Nm)
Mounting bore Ø	32 mm
suitable indexable insert	AP.. 1335..
Cutting edge Ø D _c	100 mm
Number of cutting edges Z	12
Ramping angle α _{max}	0.18 degrees
Circular interpolation milling a _p	2.1 mm
Ramping length L for α _{max}	94.5 mm
Circular interpolation milling Ø D _{min}	197 mm
Circular interpolation milling Ø D _{max}	198 mm
Series	Softcut®
Ø D ₃	97 mm
Shank type	with bore
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

Suitable products

<https://www.hoffmann-group.com/GB/en/hom/p/215575-100/12>