

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

Order number	215411 42/5
GTIN	4069515038904
Item class	210

Description**Version:**

High precision square shoulder mill with irregular pitch for very smooth cutting, very high precision and cutting power. **With special geometry for reduced cutting forces for MTC applications** under **unstable conditions** or for spindles with low drive power.

Application:

For shoulder milling in large depths, also slotting. General use in all steel materials as well as stainless and acid-resistant steels.

Note:

Use GARANT torque screwdriver TQ No. **211750 size 1.5** with bit No. **674252 size 8IP**.

Technical description

Set of insert screws	219799 10 (8IP; 1.5 Nm)
Series	Softcut®
Circular interpolation milling a_p	3.3 mm
Circular interpolation milling $\varnothing D_{min}$	72.8 mm
Circular interpolation milling $\varnothing D_{max}$	81.3 mm

Data sheet

Cutting edge $\varnothing D_c$	42 mm
Overall length L_{tot}	40 mm
Mounting bore $\varnothing$	16 mm
$\varnothing D_3$	30.2 mm
suitable indexable insert	AO.T1104
Number of cutting edges Z	5
Ramping angle α_{max}	1.7 degrees
Ramping length L for α_{max}	14.3 mm
Shank type	with bore
Setting angle κ	90 degrees
Milling application	Ramping
Milling application	Ramping
Milling application	Circular milling
Milling application	Plunging
Spacing of the cutters	unequal spacing
Through-coolant	yes
Machining strategy	MTC
Machining strategy	MTC
Tool exchange	PowerCard
Type of product	Indexable end mill

Suitable products

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