

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

Order number	215411 52/6
GTIN	4069515038928
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

Number of cutting edges Z	6
Set of insert screws	219799 10 (8IP; 1.5 Nm)
Overall length L_{tot}	40 mm
Series	Softcut®
Ramping angle α_{max}	1.2 degrees

Data sheet

Circular interpolation milling $\varnothing D_{\max}$	101.3 mm
Cutting edge $\varnothing D_c$	52 mm
Circular interpolation milling $\varnothing D_{\min}$	92.8 mm
$\varnothing D_3$	40.8 mm
Mounting bore $\varnothing$	22 mm
suitable indexable insert	AO.T1104
Circular interpolation milling a_p	2.9 mm
Ramping length L for $\alpha_{\max}$	21.5 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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