

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

Order number	215405 16/2
GTIN	4069515038348
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**

Cutting edge $\varnothing D_c$	16 mm
Shank $\varnothing D_s$ h6	16 mm
Number of cutting edges Z	2
Overhang $L_1$	37 mm
Series	Softcut®
Set of insert screws	219799 11 (8IP; 1.5 Nm)
Circular interpolation milling $\varnothing D_{max}$	29.3 mm
Ramping angle $\alpha_{max}$	10.5 degrees
Overall length $L_{tot}$	85 mm

## Data sheet

Circular interpolation milling $a_p$	7.6 mm
suitable indexable insert	AO.T1104
Circular interpolation milling $\varnothing D_{\min}$	21.7 mm
Ramping length L for $\alpha_{\max}$	1.6 mm
$\varnothing D_3$	5.7 mm
Shank type	Weldon shank
Setting angle $\kappa$	90 degrees
Milling application	End milling
Milling application	Circular milling
Milling application	Ramping
Milling application	Plunging
Spacing of the cutters	unequal spacing
Through-coolant	yes
Machining strategy	MTC
Tool exchange	PowerCard
Type of product	Indexable end mill

### Suitable products

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