

**Garant**
**Solid carbide milling cutter MTC, uncoated, Ø h6 DC: 16mm**

**Order data**

Order number	202257 16
GTIN	4045197860095
Item class	11X

**Description**
**Version:**

**Eccentric relief ground**, additionally **polish ground** in the flutes for **outstanding chip evacuation** in long-chipping aluminium workpieces.

**Without** 45° corner chamfer.

**Application:**

Especially for **MTC (Multi Task Cutting)** use on the new generation of turning / milling centres.

**Note:**

**NEW GENERATION AVAILABLE!**

**Recommended successor product is No. 202012.**

**Technical description**

No. of teeth Z	3
Recess Ø D <sub>1</sub>	15 mm
Direction of infeed	horizontal, oblique and vertical
Overhang length L <sub>1</sub> incl. recess	58 mm
Overall length L	108 mm
Balance quality with shank	G 2.5 with HB
Tolerance nominal Ø	h6
Shank form	HB
Shank Ø D <sub>s</sub>	16 mm
Cutting edge Ø D <sub>c</sub>	16 mm

Flute length $L_c$	36 mm
Feed $f_z$ for side milling in short-chipping aluminium	0.09 mm
Shank	DIN 6535 HB to h6
Feed $f_z$ for slot milling in short-chipping aluminium	0.065 mm
Helix angle	45 degrees
Corner chamfer angle	90 degrees
Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
Helix angle characteristic	unequal spacing
Cutting width $a_e$ for milling operation	Full slot cutting depth 1xD
Cutting width $a_e$ for milling operation	0.5xD for side milling
Through-coolant	no
Machining strategy	MTC
Colour ring	yellow
Type of product	End / face mill

## User data

	Suitability	$V_c$	ISO code
Aluminium	Suitable	190 m/min	N
Aluminium (short chipping)	suitable	150 m/min	N
Alu > 10% Si	suitable	120 m/min	N
PMMA acrylic	suitable	180 m/min	N
PE-HD	Suitable	130 m/min	N
PA 66	Suitable	150 m/min	N
PEEK	suitable	130 m/min	N
PF 31	Suitable	110 m/min	N

Honeycomb sandwich	suitable only under restricted conditions	180 m/min	N
Cu	Suitable	120 m/min	N
CuZn	Suitable	150 m/min	N
wet maximum	suitable		
wet minimum	suitable		
dry	suitable only under restricted conditions		
Air	suitable only under restricted conditions		