

Solid carbide milling cutter MTC, DLC, Ø DC: 5 mm



Order data

Order number	202270 5
GTIN	4045197861030
Item class	11X

Description

Version:

With the latest generation of **DLC coating sp** 2 .

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

Lengths similar to **DIN 6527 long.**

Application:

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

Note

NEW GENERATION AVAILABLE!

Recommended successor products are No. 202004 and No. 202010.

Tolerance nominal Ø: h6

No. of teeth Z: 3

Helix angle: 45 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 3

Flute length L_c: 13 mm

Overhang length L₁ incl. recess: 19 mm

Recess \varnothing D₁: 4.7 mm Overall length L: 57 mm Shank \varnothing D₅: 6 mm

Technical description

Shank Ø D _s	6 mm
Overhang length L ₁ incl. recess	19 mm



No. of teeth Z Shank DIN 6535 HA to h6 Overall length L Tolerance nominal Ø Cutting edge Ø Dc Flute length L Toner chamfer width at 45° Overall length L Toner chamfer width at 45° Outmand Shank form HA Recess Ø D₁ Hais angle Hais angle Corner chamfer angle Corner chamfer angle Corner chamfer angle Corner chamfer angle Cotting DLC Tool material Solid carbide Standard DIN 6527 Type W Helix angle characteristic unequal spacing Cutting width a₅ for milling operation Cutting width a₅ for milling operation Full slot cutting depth 1×D Through-coolant Nachining strategy MTC Colour ring Type of product Find mill	Direction of infeed	horizontal, oblique and vertical
Overall length L 57 mm Tolerance nominal Ø h6 Cutting edge Ø Dc 5 mm Flute length Lc 13 mm Corner chamfer width at 45° 0.1 mm Shank form HA Recess Ø D₁ 4.7 mm Helix angle 45 degrees Corner chamfer angle 45 degrees Coating DLC Tool material Solid carbide Standard DIN 6527 Type W Helix angle characteristic unequal spacing Cutting width a₀ for milling operation 0.5×D for side milling Cutting width a₀ for milling operation Full slot cutting depth 1×D Through-coolant no Machining strategy MTC Colour ring yellow	No. of teeth Z	3
Tolerance nominal \varnothing h6 Cutting edge \varnothing D _c 5 mm Flute length L _c 13 mm Corner chamfer width at 45° 0.1 mm Shank form HA Recess \varnothing D ₁ 4.7 mm Helix angle 45 degrees Corner chamfer angle 45 degrees Corner chamfer angle DLC Tool material Solid carbide Standard DIN 6527 Type W Helix angle characteristic unequal spacing Cutting width a _e for milling operation 0.5×D for side milling Cutting width a _e for milling operation Full slot cutting depth 1×D Through-coolant no Machining strategy MTC Colour ring yellow	Shank	DIN 6535 HA to h6
Cutting edge \emptyset D_c 5 mmFlute length L_c 13 mmCorner chamfer width at 45° 0.1 mmShank formHARecess \emptyset D_1 4.7 mmHelix angle45 degreesCorner chamfer angle45 degreesCoatingDLCTool materialSolid carbideStandardDIN 6527TypeWHelix angle characteristicunequal spacingCutting width a_c for milling operation $0.5 \times D$ for side millingCutting width a_c for milling operationFull slot cutting depth $1 \times D$ Through-coolantnoMachining strategyMTCColour ringyellow	Overall length L	57 mm
Flute length L_c 13 mm Corner chamfer width at 45° 0.1 mm Shank form HA Recess \varnothing D ₁ 4.7 mm Helix angle 45 degrees Corner chamfer angle 45 degrees Coating DLC Tool material Solid carbide Standard DIN 6527 Type W Helix angle characteristic unequal spacing Cutting width a_e for milling operation 0.5×D for side milling Cutting width a_e for milling operation Full slot cutting depth 1×D Through-coolant no Machining strategy MTC Colour ring yellow	Tolerance nominal Ø	h6
Corner chamfer width at 45° Shank form HA Recess Ø D₁ Helix angle Corner chamfer angle Corner chamfer angle Coating DLC Tool material Solid carbide Standard DIN 6527 Type W Helix angle characteristic unequal spacing Cutting width ae for milling operation Cutting width ae for milling operation Through-coolant no Machining strategy MTC Colour ring O.1 mm A.7 mm HA A.7 mm 4.7 mm A.7 me A.7 m	Cutting edge \varnothing D_{c}	5 mm
Shank form HA Recess Ø D₁ 4.7 mm Helix angle 45 degrees Corner chamfer angle 45 degrees Coating DLC Tool material Solid carbide Standard DIN 6527 Type W Helix angle characteristic unequal spacing Cutting width a₂ for milling operation 0.5×D for side milling Cutting width a₂ for milling operation Full slot cutting depth 1×D Through-coolant no Machining strategy MTC Colour ring yellow	Flute length L _c	13 mm
Recess Ø D ₁ Helix angle 45 degrees Corner chamfer angle Coating DLC Tool material Solid carbide Standard DIN 6527 Type W Helix angle characteristic unequal spacing Cutting width a _e for milling operation Cutting width a _e for milling operation Full slot cutting depth 1×D Through-coolant no Machining strategy MTC Colour ring	Corner chamfer width at 45°	0.1 mm
Helix angle Corner chamfer angle Coating DLC Tool material Solid carbide Standard DIN 6527 Type W Helix angle characteristic unequal spacing Cutting width a _e for milling operation Cutting width a _e for milling operation Full slot cutting depth 1×D Through-coolant no Machining strategy MTC Colour ring	Shank form	НА
Corner chamfer angle Coating DLC Tool material Solid carbide Standard DIN 6527 Type W Helix angle characteristic unequal spacing Cutting width ae for milling operation Cutting width ae for milling operation Full slot cutting depth 1×D Through-coolant no Machining strategy MTC Colour ring yellow	Recess Ø D ₁	4.7 mm
Coating DLC Tool material Solid carbide Standard DIN 6527 Type W Helix angle characteristic unequal spacing Cutting width a _e for milling operation 0.5×D for side milling Cutting width a _e for milling operation Full slot cutting depth 1×D Through-coolant no Machining strategy MTC Colour ring yellow	Helix angle	45 degrees
Tool material Solid carbide Standard DIN 6527 Type W Helix angle characteristic unequal spacing Cutting width a _e for milling operation Cutting width a _e for milling operation Full slot cutting depth 1×D Through-coolant no Machining strategy MTC Colour ring yellow	Corner chamfer angle	45 degrees
Standard DIN 6527 Type W Helix angle characteristic unequal spacing Cutting width a _e for milling operation 0.5×D for side milling Cutting width a _e for milling operation Full slot cutting depth 1×D Through-coolant no Machining strategy MTC Colour ring yellow	Coating	DLC
Type Helix angle characteristic Cutting width a _e for milling operation Cutting width a _e for milling operation Cutting width a _e for milling operation Full slot cutting depth 1×D Through-coolant no Machining strategy MTC Colour ring yellow	Tool material	Solid carbide
Helix angle characteristic Cutting width a _e for milling operation Cutting width a _e for milling operation Full slot cutting depth 1×D Through-coolant Machining strategy MTC Colour ring yellow	Standard	DIN 6527
Cutting width a_e for milling operation $0.5 \times D$ for side millingCutting width a_e for milling operationFull slot cutting depth $1 \times D$ Through-coolantnoMachining strategyMTCColour ringyellow	Туре	W
Cutting width a _e for milling operation Through-coolant Machining strategy MTC Colour ring Full slot cutting depth 1×D no MTC	Helix angle characteristic	unequal spacing
Through-coolant no Machining strategy MTC Colour ring yellow	Cutting width a_e for milling operation	0.5×D for side milling
Machining strategy MTC Colour ring yellow	Cutting width a _e for milling operation	Full slot cutting depth 1×D
Colour ring yellow	Through-coolant	no
,	Machining strategy	MTC
Type of product End mill	Colour ring	yellow
	Type of product	End mill

Services

Shank grinding Type HB 129100 HB