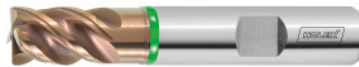



**HOLEX Pro UNI solid carbide milling cutter HPC, TiSiN, Ø e8 DC: 10mm**

**Order data**

Order number	203063 10
GTIN	4062406569754
Item class	12Y

**Description**
**Version:**

For **roughing and finishing at very high feed rates** with smooth cutting action. **Newly developed geometry and high-performance coating** for excellent production results with maximum tool life in various materials. **High intrinsic stability** and smooth cutting action due to unequal spacing.

**Technical description**

Direction of infeed	horizontal, oblique and vertical
Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.06 mm
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.08 mm
Feed $f_z$ for slot milling in stainless steel > 900 N/mm <sup>2</sup>	0.04 mm
Corner chamfer angle	45 degrees
Overall length L	66 mm
Tolerance nominal Ø	e8
Helix angle	42 degrees
No. of teeth Z	4
Corner chamfer width at 45°	0.2 mm
Flute length $L_c$	14 mm
Recess Ø $D_1$	9.7 mm

Feed $f_z$ for side milling in INOX > 900 N/mm <sup>2</sup>	0.05 mm
Overhang length $L_1$ incl. recess	24 mm
Shank	DIN 6535 HB to h6
Shank $\varnothing D_s$	10 mm
Cutting edge $\varnothing D_c$	10 mm
Series	Pro Uni
Coating	TiSiN
Tool material	solid carbide
Standard	Manufacturer's standard
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width $a_e$ for milling operation	Full slot cutting depth 1×D
Cutting width $a_e$ for milling operation	0.3×D for side milling
Through-coolant	no
Machining strategy	MTC
Colour ring	green
Type of product	End / face mill

## User data

	Suitability	$V_c$	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	250 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	240 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	220 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	180 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	170 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	140 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	90 m/min	M

INOX > 900 N/mm <sup>2</sup>	suitable	80 m/min	M
Ti > 850 N/mm <sup>2</sup>	suitable only under restricted conditions	35 m/min	S
GG(G)	suitable	240 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable		
Air	suitable		