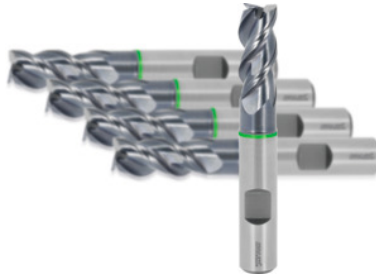



**HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø DC: 11,7mm**

**Order data**

Order number	GG1414 11,7
GTIN	4045197908230
Item class	GGN

**Description**
**Version:**

For **roughing and finishing**.

Up to 1×D into solid material **at very high feed rates** with smooth cutting action.

**Same as No. 202414.**

**Advantage:**

Optimised flute form, eccentric relief ground, generous chip spaces.

**Technical description**

Recess Ø D <sub>1</sub>	11.2 mm
Feed f <sub>z</sub> for side milling in steel < 900 N/mm <sup>2</sup>	0.09 mm
Tolerance nominal Ø	0 / -0.03
Feed f <sub>z</sub> for slot milling in steel < 900 N/mm <sup>2</sup>	0.07 mm
Overall length L	83 mm
Cutting edge Ø D <sub>c</sub>	11.7 mm
Flute length L <sub>c</sub>	26 mm
No. of teeth Z	3

Corner chamfer width at 45°	0.3 mm
Overhang length $L_1$ incl. recess	38 mm
Shank	DIN 6535 HB to h6
Direction of infeed	horizontal, oblique and vertical
Shank $\varnothing D_s$	12 mm
Helix angle	45 degrees
Corner chamfer angle	45 degrees
Contents	5
Series	Pro Steel
Coating	TiAlN
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 $1 \times D$
Cutting width $a_e$ for milling operation	$0.4 \times D$ for side milling
Machining strategy	HPC
Colour ring	green
Type of product	End / face mill

## User data

	Suitability	$V_c$	ISO code
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	170 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	150 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	80 m/min	M

GGG	suitable	190 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable		
Air	suitable		

## Accessories

HOLEX Pro Steel solid carbide roughing end millHPC Ø DC  
11,7 mm

202414 11,7