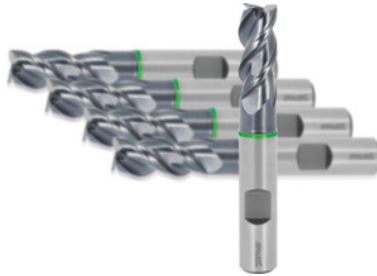



**HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø DC: 16mm**

**Order data**

Order number	GG1414 16
GTIN	4045197908285
Item class	GGN

**Description**
**Version:**

For **roughing and finishing**.

Up to  $1 \times D$  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 $\varnothing D_1$	15.5 mm
Direction of infeed	horizontal, oblique and vertical
Cutting edge $\varnothing D_c$	16 mm
Overhang length $L_1$ incl. recess	44 mm
Feed $f_z$ for slot milling in steel $< 900 \text{ N/mm}^2$	0.08 mm
Shank $\varnothing D_s$	16 mm
Overall length $L$	92 mm
Shank	DIN 6535 HB to h6

No. of teeth Z	3
Corner chamfer width at 45°	0.4 mm
Tolerance nominal Ø	0 / -0.03
Flute length L <sub>c</sub>	32 mm
Feed f <sub>z</sub> for side milling in steel < 900 N/mm <sup>2</sup>	0.1 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 <sub>e</sub> for milling operation	Full slot cutting depth 1×D
Cutting width a <sub>e</sub> for milling operation	0.4×D for side milling
Machining strategy	HPC
Colour ring	green
Type of product	End / face mill

## User data

	Suitability	V <sub>c</sub>	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  
16 mm

202414 16