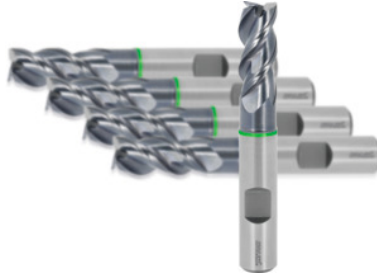


**HOLEX****Value pack HOLEX Pro Steel HPC solid carbide roughing end mill, 5 pieces, Ø DC: 18mm****Order data**

Order number	GG1414 18
GTIN	4045197908308
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**

Shank	DIN 6535 HB to h6
Shank Ø D <sub>s</sub>	18 mm
Overhang length L <sub>1</sub> incl. recess	50 mm
Flute length L <sub>c</sub>	32 mm
Feed f <sub>z</sub> for side milling in steel < 900 N/mm <sup>2</sup>	0.13 mm
Recess Ø D <sub>1</sub>	17.5 mm
Overall length L	92 mm

No. of teeth Z	3
Direction of infeed	horizontal, oblique and vertical
Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.1 mm
Tolerance nominal $\varnothing$	0 / -0.03
Corner chamfer width at 45°	0.4 mm
Cutting edge $\varnothing D_c$	18 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 1xD
Cutting width $a_e$ for milling operation	0.4xD 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  
18 mm

202414 18