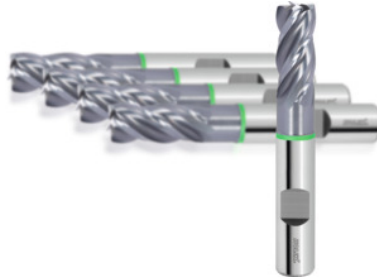




## HOLEX Pro Steel Solid carbide roughing end mill HPC, TiAlN, Ø DC: 18mm



### Order data

Order number	GG1054 18
GTIN	4045197735850
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. Dimensions to **manufacturer's standard**.

**Same as No. 203054.**

#### Advantage:

Optimised flute form, eccentric relief ground, wide chip space.

#### Content:

5 pieces.

### Technical description

No. of teeth Z	4
Direction of infeed	horizontal, oblique and vertical
Cutting edge Ø D <sub>c</sub>	18 mm
Feed f <sub>z</sub> for side milling in steel < 900 N/mm <sup>2</sup>	0.13 mm
Feed f <sub>z</sub> for slot milling in steel < 900 N/mm <sup>2</sup>	0.1 mm
Tolerance nominal Ø	0 / -0.03

Shank $\varnothing D_s$	18 mm
Flute length $L_c$	32 mm
Shank	DIN 6535 HB to h6
Recess $\varnothing D_1$	17.5 mm
Corner chamfer width at 45°	0.4 mm
Overall length L	92 mm
Overhang length $L_1$ incl. recess	50 mm
Helix angle	38 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	0.3×D for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth 1×D
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	260 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	240 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	180 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	160 m/min	P

INOX < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	80 m/min	M
GG(G)	suitable	250 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

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