



Value pack HOLEX Pro Steel HPC solid carbide roughing end mill, 5 pieces



Order data

Order number	GG1054 20
GTIN	4045197735867
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

Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.13 mm
Shank $\varnothing D_s$	20 mm
Overall length L	104 mm
Recess $\varnothing D_1$	19.5 mm
No. of teeth Z	4
Shank	DIN 6535 HB to h6

Tolerance nominal Ø	0 / -0.03
Overhang length L_1 incl. recess	54 mm
Corner chamfer width at 45°	0.5 mm
Direction of infeed	horizontal, oblique and vertical
Feed f_z for slot milling in steel < 900 N/mm ²	0.1 mm
Flute length L_c	38 mm
Cutting edge Ø D_c	20 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 ²	suitable	260 m/min	P
Steel < 750 N/mm ²	suitable	240 m/min	P
Steel < 900 N/mm ²	suitable	180 m/min	P
Steel < 1100 N/mm ²	suitable	160 m/min	P

Data sheet

INOX < 900 N/mm ²	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		

Suitable products

<https://www.hoffmann-group.com/GB/en/hom/p/GG1054-20>