



HOLEX Pro Steel Solid carbide roughing end mill HPC, TiAlN, Ø DC: 12mm



Order data

Order number	GG1054 12
GTIN	4045197735829
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

Tolerance nominal \varnothing	0 / -0.03
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.09 mm
Direction of infeed	horizontal, oblique and vertical
Overall length L	83 mm
Overhang length L_1 incl. recess	38 mm
Flute length L_c	26 mm

Recess $\varnothing D_1$	11.5 mm
Feed f_z for slot milling in steel $< 900 \text{ N/mm}^2$	0.07 mm
Corner chamfer width at 45°	0.3 mm
Cutting edge $\varnothing D_c$	12 mm
Shank $\varnothing D_s$	12 mm
No. of teeth Z	4
Shank	DIN 6535 HB to h6
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	$0.3 \times D$ for side milling
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Machining strategy	HPC
Colour ring	green
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Steel $< 500 \text{ N/mm}^2$	suitable	260 m/min	P
Steel $< 750 \text{ N/mm}^2$	suitable	240 m/min	P
Steel $< 900 \text{ N/mm}^2$	suitable	180 m/min	P
Steel $< 1100 \text{ N/mm}^2$	suitable	160 m/min	P

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		

Accessories

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