



Solid carbide milling cutter HPC, TiAlN, Ø e8 DC: 16mm

Order data

Order number	GG2010 16
GTIN	4067263119388
Item class	GGN

Description

Version:

Extremely attractively priced solid carbide milling cutter for machining steels and corrosion-resistant steels. No special sizes or versions are available.

Dimensions similar to DIN 6527.

Same as No. 202770.

Technical description

Corner chamfer width at 45°	0.3 mm
Feed f_z for side milling in INOX > 900 N/mm ²	0.055 mm
Flute length L_c	36 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.09 mm
Shank	DIN 6535 HB to h6
Tolerance nominal Ø	e8
Corner chamfer angle	45 degrees
Helix angle	42 degrees
Cutting edge Ø D_c	16 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.075 mm
No. of teeth Z	4
Shank Ø D_s	16 mm
Contents	10
Direction of infeed	horizontal, oblique and vertical

Overall length L	92 mm
Feed f_z for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.045 mm
Coating	TiAlN
Tool material	Solid carbide
Standard	Works 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 $1 \times D$
Cutting width a_e for milling operation	$0.3 \times D$ for side milling
Through-coolant	no
Machining strategy	HPC
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	230 m/min	N
Steel $< 500 \text{ N/mm}^2$	suitable	220 m/min	P
Steel $< 750 \text{ N/mm}^2$	suitable	200 m/min	P
Steel $< 900 \text{ N/mm}^2$	suitable	160 m/min	P
Steel $< 1100 \text{ N/mm}^2$	suitable	150 m/min	P
Steel $< 1400 \text{ N/mm}^2$	suitable	120 m/min	P
INOX $< 900 \text{ N/mm}^2$	suitable	80 m/min	M
INOX $> 900 \text{ N/mm}^2$	suitable	70 m/min	M
Ti $> 850 \text{ N/mm}^2$	suitable only under restricted conditions	30 m/min	S
GG(G)	suitable	220 m/min	K
Uni	suitable		

wet maximum	suitable
wet minimum	suitable only under restricted conditions
dry	suitable
Air	suitable

Accessories

Solid carbide milling cutterHPC Ø e8 DC 16 mm	202770 16
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