



Solid carbide mini milling cutter, TiAlN, Ø e8 DC: 12mm



Order data

Order number	GG1844 12
GTIN	4062406200206
Item class	GGN

Description

Version:

Shank similar to **DIN 6535 HB**. Improved coating for general-purpose applications in steel and cast iron.

Same as No. Z11842 (successor item to No. 201842).

Technical description

No. of teeth Z	3
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.08 mm
Correction factor for v_c	1.25
Helix angle	30 degrees
Direction of infeed	horizontal, oblique and vertical
Cutting edge $\varnothing D_c$	12 mm
Tolerance nominal \varnothing	e8
Shank form	HB
Shank $\varnothing D_s$	12 mm
Flute length L_c	15 mm

Overall length L	55 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.06 mm
Shank	DIN 6535 HB to h6
Contents	5
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Cutting width a_e for milling operation	Full slot cutting depth 1×D
Cutting width a_e for milling operation	0.03×D for copy milling
Colour ring	without
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable	280 m/min	N
Alu > 10% Si	suitable	200 m/min	N
Steel < 500 N/mm ²	suitable	120 m/min	P
Steel < 750 N/mm ²	suitable	110 m/min	P
Steel < 900 N/mm ²	suitable	100 m/min	P
Steel < 1100 N/mm ²	suitable	70 m/min	P
Steel < 1400 N/mm ²	suitable	60 m/min	P
INOX < 900 N/mm ²	suitable	70 m/min	M
INOX > 900 N/mm ²	suitable	50 m/min	M
GG(G)	suitable	90 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable		

dry	suitable only under restricted conditions
Air	suitable