

Garant
Solid carbide milling cutter, TiAlN, Ø e8 DC: 4mm

Order data

Order number	202555 4
GTIN	4045197117410
Item class	11X

Description
Version:

Double relief ground side clearance angle.
 Through-coolant: no
 Tolerance nominal Ø: e8
 No. of teeth Z: 4
 Helix angle: 30°
 Direction of infeed: horizontal, oblique and vertical
 Shank: DIN 6535 HA to h6
 No. of teeth Z: 4
 Flute length L_c : 8 mm
 Overall length L: 36 mm
 Shank Ø D_s : 4 mm
 Shank form: HA
 Corner chamfer width at 45°: 0.05 mm

Technical description

Shank form	HA
Corner chamfer width at 45°	0.05 mm
No. of teeth Z	4
Feed f_z for slot milling in steel < 900 N/mm ²	0.02 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.023 mm
Cutting edge Ø D_c	4 mm

Shank $\varnothing D_s$	4 mm
Overall length L	36 mm
Flute length L_c	8 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA to h6
Tolerance nominal \varnothing	e8
Helix angle	30 °
Corner chamfer angle	45 °
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Cutting width a_e for milling operation	0.3xD for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1xD
Through-coolant	no
Colour ring	without
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	280 m/min	N
Alu > 10% Si	suitable only under restricted conditions	200 m/min	N
Steel < 500 N/mm ²	suitable	120 m/min	P
Steel < 750 N/mm ²	suitable	105 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
Steel < 55 HRC	suitable	35 m/min	H

INOX < 900 N/mm ²	suitable	80 m/min	M
INOX > 900 N/mm ²	suitable only under restricted conditions	60 m/min	M
GG(G)	suitable	90 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	Suitable only under restricted conditions		
dry	suitable		
Air	Suitable		