

mimatic
Tool Systems
Saw blades PolySAW-G Width $a_p = 1$ mm, TiAlN, \varnothing D: 50mm

Order data

Order number	218220 50
GTIN	2050001737212
Item class	29C

Description
Version:

For parting off, sawing, and slitting.
 PolySAW-G permits cutting to the full depth.

Note:

Standard application values for a_e max.

Technical description

Type of toolholder	13/21
\varnothing D	50 mm
Insert width E	6 mm
Engagement depth $a_{e\max}$ per cut	14.2 mm
Number of cutting edges Z	32
Shank	with bore
Coating	TiAlN
Feed f_z	0.015 mm

Material	Solid carbide
Type of product	Cutter insert for milling

User data

	Suitability	V _c	ISO code
Alu plastics	suitable only under restricted conditions	300 m/min	N
Aluminium (short chipping)	suitable only under restricted conditions	200 m/min	N
Alu > 10% Si	suitable only under restricted conditions	150 m/min	N
Steel < 500 N/mm ²	suitable	160 m/min	P
Steel < 750 N/mm ²	suitable	120 m/min	P
Steel < 900 N/mm ²	suitable	100 m/min	P
INOX < 900 N/mm ²	suitable	100 m/min	M
INOX > 900 N/mm ²	suitable	80 m/min	M
GG(G)	suitable	120 m/min	K
wet maximum	suitable		
dry	suitable		

Accessories

ToolholderWeldon shank Type 13/21	218205 13/21
-----------------------------------	--------------