

**mimatic**  
Tool Systems
**Saw blades PolySAW-G Width  $a_p = 1.5$  mm, TiAlN,  $\varnothing$  D: 50mm**

**Order data**

Order number	218224 50
GTIN	2050001737021
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
Engagement depth $a_{e\max}$ per cut	14.2 mm
$\varnothing$ D	50 mm
Insert width E	6 mm
Number of cutting edges Z	32
Shank	with bore
Coating	TiAlN
Feed $f_z$	0.02 mm

Material	Solid carbide
Type of product	Cutter insert for milling

## User data

	Suitability	V <sub>c</sub>	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 <sup>2</sup>	suitable	160 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	120 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	100 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	100 m/min	M
INOX > 900 N/mm <sup>2</sup>	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
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