

**mimatic**  
Tool Systems
**Milling disc DeepMILL-G Width ap = 2 mm, TiAlN, Ø D: 80mm**

**Order data**

Order number	218230 80
GTIN	2050001736932
Item class	29C

**Description**
**Version:**

Slot milling, grooving, ribbed structures.  
 DeepMill-G permits cutting to the full depth.

**Note:**

Standard application values for  $a_e$  max.

**Technical description**

Engagement depth $a_{e\max}$ per cut	20.9 mm
Ø D	80 mm
Insert width E	6 mm
Type of toolholder	25/38
Number of cutting edges Z	24
Number of effective inserts $Z_{\text{eff}}$	12
Shank	with bore
Coating	TiAlN

Feed $f_z$	0.025 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 <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 25/38	218205 25/38
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