Garant

Circular saw blade, TiAlN, ∅×thickness: 160X2mm

Order data

Order number	179912 160X2
GTIN	4045197938046
Item class	17C

Description

Version:
Optimised geometry and coating. Extra deep relief ground for reliable chip evacuation. For flat base of the slot.
Note:
- **Tooth profile BW.**
- **The tolerances for the circular saw blade diameter are considerably better than the values permissible to DIN 1837/1838, in some cases by up to 50%.**

Technical description

∅	160 mm
Thickness	2 mm
Bore ∅	22 mm
Collar thickness E	2.5 mm
Hub ∅	50 mm
Feed f_z in short-chipping aluminium	0.02 mm

maximum cutting depth $a_{e\,max}$	51 mm
No. of teeth Z	54
suitable adapter	179902 160
Number of drive holes	5
Drive hole pitch circle	43.5 mm
Drive hole ∅	4.4 mm
Coating	TiAlN
Tool material	HSS
Through-coolant	no
Type of product	Circular saw blade

User data

	Suitability	V_c	ISO code
Alu plastics	suitable	400 m/min	N
Aluminium (short chipping)	suitable	600 m/min	N
Alu > 10% Si	suitable	300 m/min	N
Steel < 500 N/mm²	suitable only under restricted conditions	50 m/min	P
Steel < 750 N/mm²	suitable only under restricted conditions	40 m/min	P
INOX < 900 N/mm²	suitable only under restricted conditions	20 m/min	M
INOX > 900 N/mm²	suitable only under restricted conditions	15 m/min	M
CuZn	suitable only under restricted conditions	300 m/min	N
Uni	suitable only under restricted conditions		
wet maximum	suitable		

Air	suitable only under restricted conditions