

**Garant**
**Woodruff keyseating cutter, uncoated,  $\varnothing$  DC  $\times$  LC h11  $\times$  e8: 38,5X9 mm**


## Order data

Order number	194010 38,5X9
GTIN	4045197109439
Item class	11W

## Description

### Version:

Peripheral cutting, alternate set teeth (staggered).

The sides of the teeth are ground to give clearance and thus cannot jam in the component.

Special surface treatment.

### Note:

For milling Woodruff keyways to DIN 6888 or for milling small slots.

No. of teeth Z: 12

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for Woodruff keyways to DIN 6888: 9,0 $\times$ 15,0 mm

Overall length L: 71 mm

Shank  $\varnothing$  D<sub>s</sub>: 12 mm

Feed f<sub>z</sub> for slot milling in steel < 750 N/mm<sup>2</sup>: 0.09 mm

## Technical description

Cutting edge $\varnothing$ D <sub>c</sub>	38.5 mm
Feed f <sub>z</sub> for slot milling in steel < 750 N/mm <sup>2</sup>	0.09 mm
for Woodruff keyways to DIN 6888	9,0 $\times$ 15,0 mm
No. of teeth Z	12
Shank $\varnothing$ D <sub>s</sub>	12 mm
Overall length L	71 mm

Flute length L <sub>c</sub>	9 mm
Coating	uncoated
Tool material	HSS Co 5
Standard	DIN 850 D/F
Milling profile	staggered teeth
Tolerance nominal Ø	e8
Direction of infeed	horizontal
Shank	DIN 1835 B to h6
Through-coolant	no
Shank tolerance	h6
Corner chamfer angle	90 degrees
Colour ring	without
Type of product	End mill