

**Garant**
**Woodruff keyseating cutter, uncoated,  $\varnothing$  DC  $\times$  LC h11  $\times$  e8: 19,5X4 mm**

**Order data**

Order number	194010 19,5X4
GTIN	4045197109255
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: 10

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for Woodruff keyways to DIN 6888: 4.0 $\times$ 7.5 mm

Overall length L: 56 mm

Shank  $\varnothing$  D<sub>s</sub>: 10 mm

Feed f<sub>z</sub> for slot milling in steel < 750 N/mm<sup>2</sup>: 0.06 mm

**Technical description**

Feed f <sub>z</sub> for slot milling in steel < 750 N/mm <sup>2</sup>	0.06 mm
Cutting edge $\varnothing$ D <sub>c</sub>	19.5 mm
for Woodruff keyways to DIN 6888	4.0 $\times$ 7.5 mm
No. of teeth Z	10
Shank $\varnothing$ D <sub>s</sub>	10 mm
Overall length L	56 mm

Flute length L <sub>c</sub>	4 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