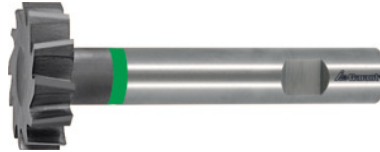


**Garant**
**Solid carbide Woodruff keyseating cutter, TiAlN, Ø DC × LC h11 × e8: 19,5X4 mm**

**Order data**

Order number	208025 19,5X4
GTIN	4045197199102
Item class	11X

**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.

**Note:**

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

Slot milled from solid:  $f_z$  for  $a_p = 0.25 \times D$ .

Type: N

No. of teeth Z: 10

No. of teeth Z: 10

for Woodruff keyways to DIN 6888: 4.0×7.5 mm

Recess Ø  $D_1$ : 5.6 mm

Overall length L: 63 mm

Shank Ø  $D_s$ : 10 mm

Feed  $f_z$  for slot milling in steel < 900 N/mm<sup>2</sup>: 0.038 mm

**Technical description**

for Woodruff keyways to DIN 6888	4.0×7.5 mm
Cutting edge Ø $D_c$	19.5 mm
Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.038 mm
No. of teeth Z	10

Recess $\varnothing D_1$	5.6 mm
Shank $\varnothing D_s$	10 mm
Overall length L	63 mm
Type	N
Flute length $L_c$	4 mm
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 850 D/F
Milling profile	staggered teeth
Tolerance nominal $\varnothing$	e8
Direction of infeed	horizontal
Cutting width $a_e$ for milling operation	Full slot cutting depth $1 \times D$
Shank	DIN 6535 HB to h6
Through-coolant	no
Shank tolerance	h6
Corner chamfer angle	90 degrees
Colour ring	green
Type of product	End mill