

 KOMET

**KOMET® UniTurn® grooving boring bar, right-hand, L<sub>2</sub> = 30 mm, Ø D<sub>min</sub>/groove width w: 8/1mm**



## Order data

Order number	240166 8/1
GTIN	4047109072442
Item class	24S

## Description

### Version:

Tool material = BK 82.

From size 5 with internal coolant supply; for smaller diameters, the coolant supply takes place through the toolholder.

## Technical description

max. groove depth t <sub>max</sub>	2.5 mm
for bores from Ø D <sub>min</sub>	8 mm
f	3.75 mm
a	7.7 mm
Suitable toolholder No. 240100	12/8; 16/8
Groove width w	1 mm
Shank Ø d	8 mm
Through-coolant	yes
Feed f in steel < 500 N/mm <sup>2</sup>	0.02 mm/rev.
Usable length	30 mm
Product name attribute	L <sub>2</sub> = 30 mm
Type of product	Cutter insert for turning

## User data

	Suitability	V <sub>c</sub>	ISO code
Alu plastics	suitable	145 m/min	N
Aluminium (short chipping)	suitable	145 m/min	N
Alu > 10% Si	suitable	130 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	80 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	70 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	65 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	55 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	55 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	40 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	40 m/min	M
Ti > 850 N/mm <sup>2</sup>	suitable	25 m/min	S
GG(G)	suitable	45 m/min	K
Uni	suitable		
wet maximum	suitable		
dry	suitable only under restricted conditions		

## Accessories

KOMET UniTurn® turning toolholder for stationary use  
(without boring bar) Shank Ø d / Bore Ø d1 16/8 mm

240100 16/8

KOMET UniTurn® turning toolholder for stationary use  
(without boring bar) Shank Ø d / Bore Ø d1 12/8 mm

240100 12/8