

 KOMET

KOMET® UniTurn® grooving boring bar, right-hand, L₂ = 40 mm, Ø D_{min}/groove width w: 8/1mm



Order data

Order number	240174 8/1
GTIN	4047109072503
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

Suitable toolholder No. 240100	12/8; 16/8
Groove width w	1 mm
Shank Ø d	8 mm
f	3.75 mm
max. groove depth t _{max}	2.5 mm
a	7.7 mm
for bores from Ø D _{min}	8 mm
Through-coolant	yes
Feed f in steel < 500 N/mm ²	0.02 mm/rev.
Usable length	40 mm
Product name attribute	L ₂ = 40 mm
Type of product	Cutter insert for turning

User data

	Suitability	V _c	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 ²	suitable	80 m/min	P
Steel < 750 N/mm ²	suitable	70 m/min	P
Steel < 900 N/mm ²	suitable	65 m/min	P
Steel < 1100 N/mm ²	suitable	55 m/min	P
Steel < 1400 N/mm ²	suitable	55 m/min	P
INOX < 900 N/mm ²	suitable	40 m/min	M
INOX > 900 N/mm ²	suitable	40 m/min	M
Ti > 850 N/mm ²	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 12/8 mm

240100 12/8

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

240100 16/8