

 KOMET

KOMET® UniTurn® grooving boring bar, right-hand, L₂ = 20 mm, Ø D_{min}/groove width w: 6/1mm



Order data

| | |
|--------------|---------------|
| Order number | 240158 6/1 |
| GTIN | 4047109072053 |
| 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

| | |
|---|---------------------------|
| Shank Ø d | 8 mm |
| f | 2.75 mm |
| Groove width w | 1 mm |
| a | 5.7 mm |
| max. groove depth t _{max} | 1.8 mm |
| Suitable toolholder No. 240100 | 12/8; 16/8 |
| for bores from Ø D _{min} | 6 mm |
| Through-coolant | yes |
| Feed f in steel < 500 N/mm ² | 0.02 mm/rev. |
| Usable length | 20 mm |
| Product name attribute | L ₂ = 20 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