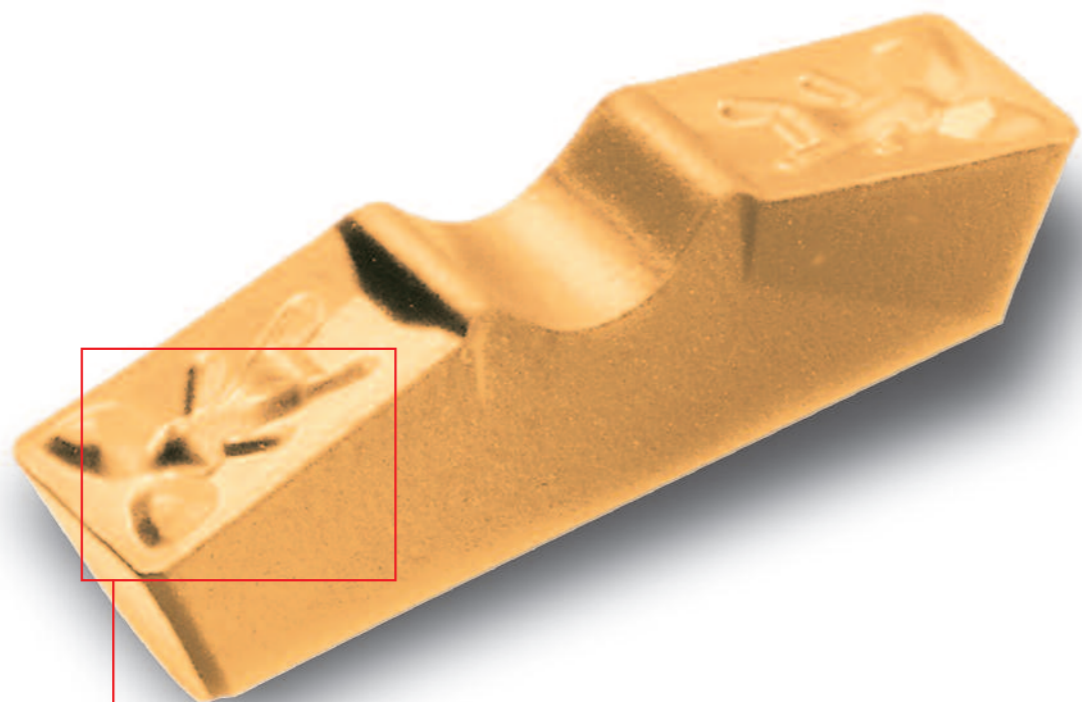


... with this specially developed geometry for intermediate to rough machining



- Grooving recesses of 3 to 6 mm
- Maximum recess depth 18.5 mm
- Maximum forward feed 0.15 to 0.4 mm/U
- Maximum cutting depth 6 mm
- Sintered twin cutting edged groove turning
- Stable cutting edge for uninterrupted cut and changing chip section
- Chip removal for a wide range working materials



Immediately available with a greater recess depth !

Grooving recess width (GRW) [mm]	Grooving recess depth (GRD) [mm]	max. GRD [mm]
3	6.5	max. 10.5
4	8.5	max. 13.0
5	10.5	max. 15.0
6	12.5	max. 18.5

Maximum recess depth (GRD<sub>max</sub>) of the SHORT-CUT® radial.

The standard recess depth of the basic holder corresponds to the grooving recess depth GRD.

If the customer wishes, the recess depth can be fashioned to the GRD<sub>max</sub>.

A robust groove turner for axial and radial machining



The greatest stability on account of its compact working radius. Optimal tension of the groove turning plate via perfect lever action of the patented clamping system.

High performance...



... with geometry specially developed

for high performance

SHORT-CUT®

Standard geometry

SHORT-CUT®

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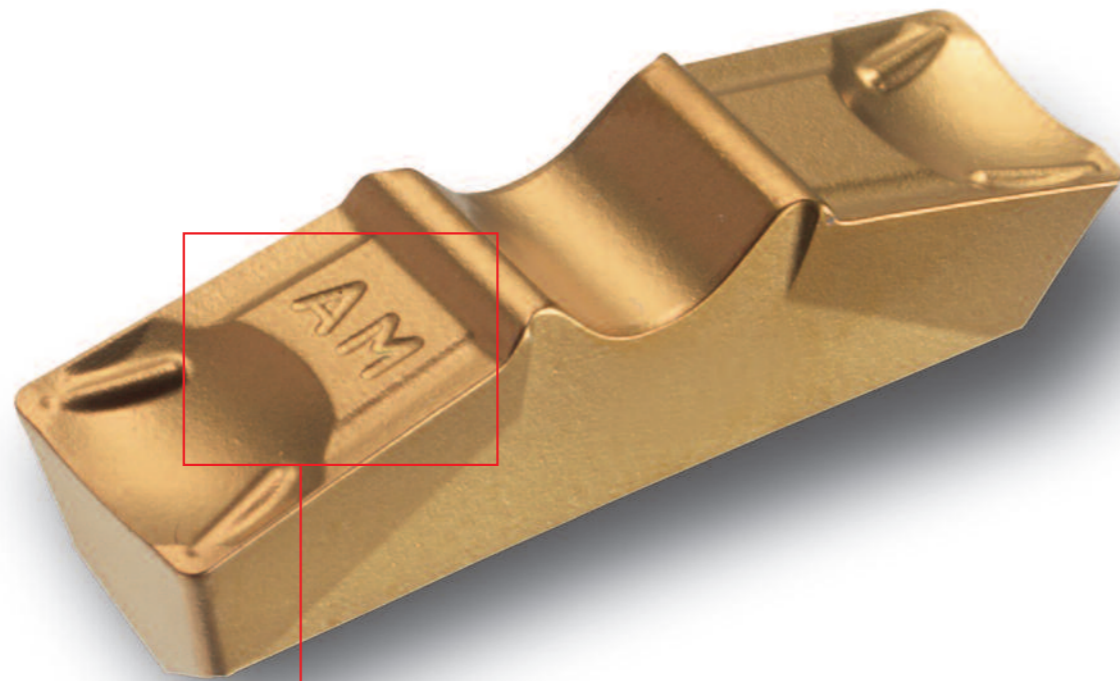
Karl-Heinz Arnold GmbH  
 Karlsbader Str. 4 · D - 73760 Ostfildern  
 Fon +49 (0) 711 / 34 802 - 0  
 Fax +49 (0) 711 / 34 802 - 130  
 info@arno.de  
 www.arno.de

ARNO (UK) Limited  
 P.O. Box 359 · Market Drayton TF9 2YA  
 Fon +44 (0) 1630 661 738  
 Fax +44 (0) 1630 661 718  
 sales@arno.de  
 www.arno-tools.co.uk



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... with the new AM geometry  
for intermediate machining



- Grooving recesses of 3 to 10 mm
- Maximum grooving depth is 27 mm
- Double sided sintered grooving inserts
- Groove turning of medium to large cut chip sections
- Special soft cutting geometry for low cutting force
- Chip removal of all the steel working materials especially stainless steels



Immediately available with a  
greater recess depth !

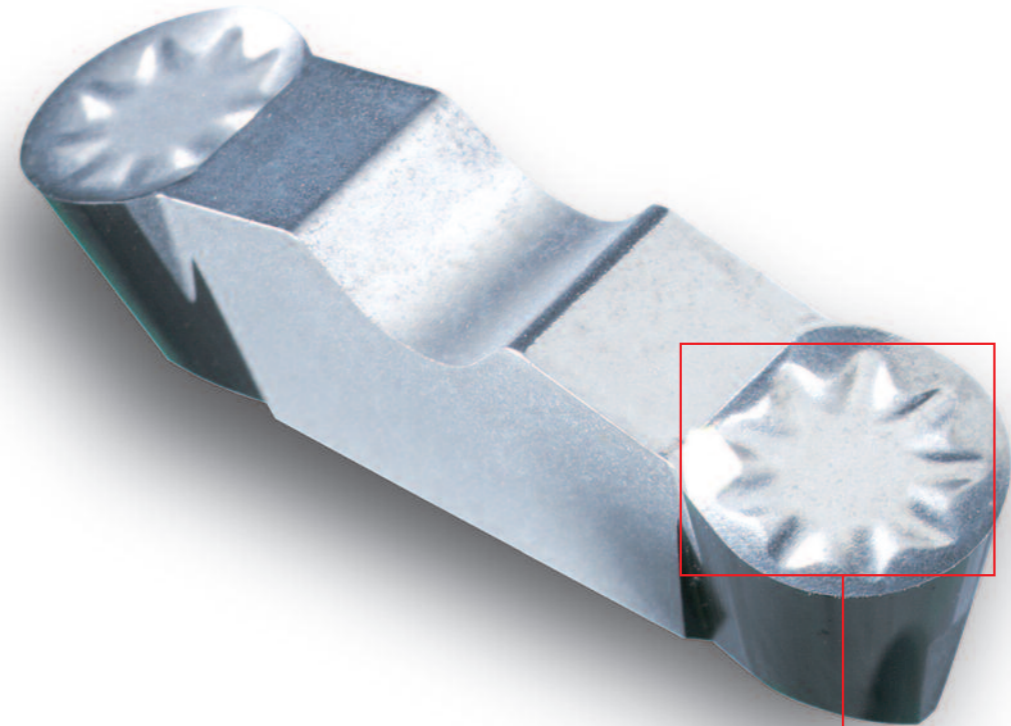
Grooving recess width (GRW) [mm]	Grooving recess depth (GRD) [mm]		max.
3	6.5	↪	10.5
4	8.5	↪	13.0
5	10.5	↪	15.0
6	12.5	↪	18.5
8	14.5	↪	25.0
10	16.5	↪	27.0

Maximum recess depth (GRD<sub>max</sub>) of the SHORT-CUT® radial.

The standard recess depth of the basic holder corresponds to the grooving recess depth GRD.

If the customer wishes, the recess depth can be fashioned to the GRD<sub>max</sub>.

... with the solid radius grooving insert for  
aluminium machining



- Grooving recesses of 6 and 8 mm
- Circumferentially grounded indexable insert
- Two cutting edges, polished inside recesses
- Groove turning of medium to large cut chip sections
- Special chip control geometry for controlled chip breaking
- Chip removal of aluminium and aluminium alloys, light and non-ferrous metals as well as titanium and titanium alloys.
- **New:** Also now available as PCD tipped!

Recommended cutting values for B = 6 mm

$$f = 0,1 - 0,6 \text{ mm/U}$$

$$a_p = 0,1 - 3,0 \text{ mm}$$

$$v_c = 200 - 1000 \text{ m/min}$$

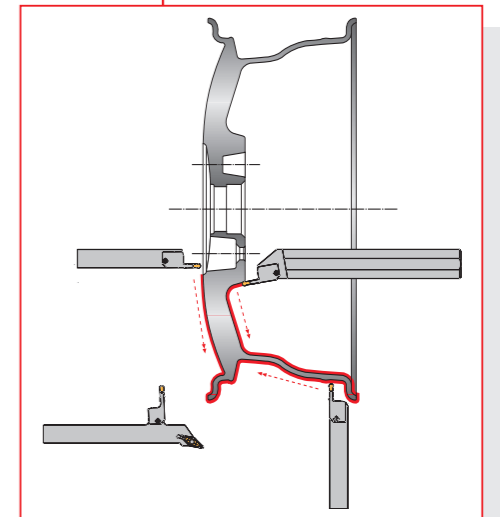


Recommended cutting values for B = 8 mm

$$f = 0,1 - 0,8 \text{ mm/U}$$

$$a_p = 0,1 - 4,0 \text{ mm}$$

$$v_c = 200 - 1000 \text{ m/min}$$



The SHORT-CUT® holder is now available with a greater grooving recess depth as well as special tools for machining aluminium wheel rims.

Attention: The holder has to be fashioned for the solid radius grooving insert!

