






## Production options



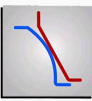
<b>Lathing</b>	max. Ø in mm	max. length in mm
CNC-Lathing	1000	1500
Turning between centers	600	1000




<b>Toothing</b>	Module	max. Ø in mm	max. length in mm
Spur gears, profile shafts, other transmission parts	1,5 to 36	2500	1000
Bevel gears spur-toothed, spheroid milled with spherical gear flanks	2 to 10	450	
CNC hobbing			
CNC shaping			

<b>Gear flank grinding</b>	Module	max. Ø in mm	max. length in mm
<b>Generating gear grinding with Reishauer:</b>			
RZ 260 CNC with loading robot	1,5 bis 36	1600	1600
RZ 303 CNC with loading robot			
RZ 400 CNC			
RZ 1000 CNC			
<b>Profile grinding with Höfler:</b>			
Rapid 800 CNC			
Rapid 900 CNC			
Rapid 1600 CNC			
Speed Viper 180			

<b>Boring/milling</b>
Housing processing and other milling and drilling work
5-axis machining center with multiple pallets

**Broaching/grooving/hard broaching**

Profiles of all standard DIN dimensions up to 100mm

**Fässler**  
Honing to Swiss perfection

**Aligning**

Straightening up to 20 tonnes

**Grinding – outside**

**KEHREN**  **STUDER**  
Grinding Technology

**Grinding – inside**

**KEHREN**  **VOUMARD**  
Grinding Technology

**Grinding of chain shaft profile**

**KAPP**

**Grinding centering**

**Henninger**  
PRÄZISIONSTECHNIK

**Grinding gearing**

**REISHAUER**  **HÖFLER**  
Gear Grinding Technology

CNC measuring machines/testing equipment

Machine	
Roll-off testing machines	HURTH
Pitch testing device	STIEFELMAYER
Gearing measuring machine	KLINGELNBERG P 26
Gearing measuring machine	KLINGELNBERG P 40
Gearing measuring machine	KLINGELNBERG P 100
Gearing measuring machine	KLINGELNBERG P 150
Gearing testing machine	KLINGELNBERG PKE 280
Height measuring devices	MAHR DIGIMAR 817 C
	MAHR DIGIMAR CX 1
Coordination measuring machine	MITUTOYO EURO C 7106
Coordination measuring machine	ZEISS MMZ
Roughness depth measuring devices	PERTHEN C4P
	MITUTOYO SJ 400
Contour measuring device	MITUTOYO CONTRACER CV-1000
Crack testing device	KARL DEUTSCH
Residual field strength measuring device	KARL DEUTSCH
Demagnetizing unit	KARL DEUTSCH
Spectral analyzer	BELEC LAB 3000S
Hardness tester	ZWICK, WOLPERT, FRANK
Double flank roll tester	MAHR 898 C
Ultrasonic flaw detector	KARL DEUTSCH
Measuring arm – universal measuring machine	FARO GAGE

Materials laboratory		
for determining the hardness profile, hardness penetration depth, structural analysis, grinding burn test and damage analysis		
Test equipment monitoring	Universal measuring machine	MAHR 828
Quality management	CAQ system	Syncos
Engineering	CAD system	Pro Engineer
	Calculation program	KISSOFT