

About us

We have been producing gears for all industrial sectors since 1967. From measuring pinions to the heaviest drives – we are your qualified manufacturer. All parts completely ready for installation according to drawing or sample, in partial processing or retrofit of gears.

Our specialties:

Double helical gearing, grinding of inner grooves, high-precision gearing and fabrication of assembly groups.



Gears

Our speciality:

Genuine double helical gearing + high-precision gearing
Measuring + refurbishing of used gears
and cylindrical lantern gears



Processing

Our options for processing:

- Groove pulling, all profiles
- Conical grooving
- Groove pushing
- Groove grinding \varnothing 250 x 250mm long

- CNC turning: \varnothing 750 x 3000mm with driven tools
- CNC milling : 1100 x 1100 x 700mm

- 5-axis milling up to \varnothing 600mm

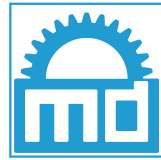
- External grinding: \varnothing 750 x 2000mm
- Internal grinding: \varnothing 500 x 500mm long

See examples on the respective pages.

Grooving

Our options for processing:

- Groove pulling, all profiles
- Conical grooving
- Groove pushing
- Groove grinding \varnothing 250 x 250mm long



Turning

Our options for processing:

- CNC turning: \varnothing 780 x 3000mm with driven tools
 \varnothing 1100 over bed
- Carousel turning up to \varnothing 1600 (1800) length 1100

Milling

Our options for processing:

- CNC milling : 1100 x 1100 x 700mm
- 5-axis milling up to \varnothing 600mm (\varnothing 800mm)

Grinding

Our options for processing:

- External grinding: \varnothing 750 x 2000mm
- Internal grinding: \varnothing 500 x 1500mm long: max. workpiece length
- Surface grinding: 1100 x 300mm
- Splined shaft profile grinding: \varnothing 250 x 2000mm

Imprint

Gewerbestraße Süd 46
41812 Erkelenz
Tel. +49 24 31 - 7 35 69
Fax +49 24 31 - 7 35 19

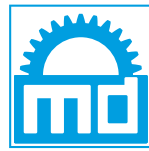
Authorised representative:
F.J. Derichs, H. Derichs, H.G. Derichs, W. Derichs

VAT ID no. DE 122 355 723

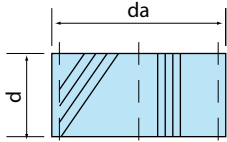
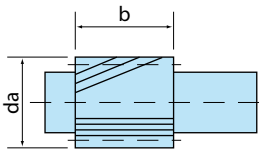
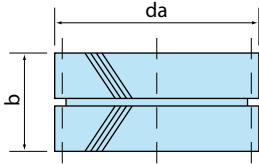
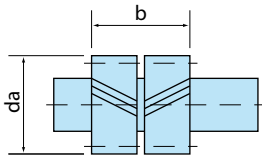
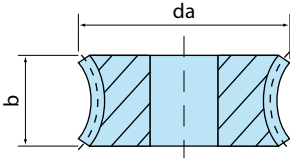
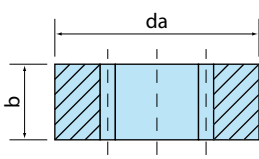
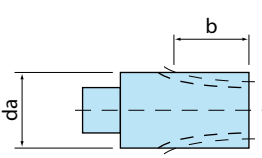
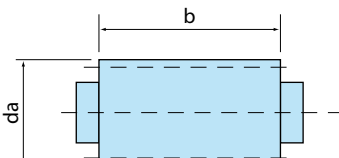
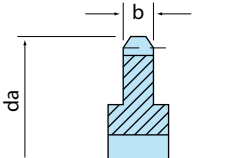
AG Mönchengladbach HRA 6554 (HRB 13565)
Pers. haft. Ges.: F. J. Derichs Verwaltungs- GmbH
Erfüllungsort: Erkelenz

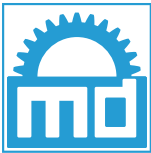
info@zahnrad-derichs.de

Pfeilverzahnung + Präzisionsverzahnung



F.J. DERICHS
MASCHINENBAU UND
ZAHNRADHERSTELLUNG

Type of gearing			Module DP CP	External diameter d_a mm	Tooth width b mm
Spur gears with straight and helical toothings		shaped	max. 30 (40)	max. 3000	max. 430
		hobbed	0,4 - 24	max. 1600	max. 700
		ground tooth flanks	18	max. 620	max. ????
Spur pinion shafts with straight and helical toothings		shaped	max. 30 (40)	from 10	max. 430
		hobbed	0,4 - 24	from 10	max. 700
		ground tooth flanks	18	Up to 620	max. ????
Spur gears with double helical gearing, original Sykes with and without centre groove or Maag toothed with centre groove		original Sykes	1,5 - 12	max. 2000	max. 500
		Maag toothed	max. 30 (40)	max. 3000	Tooth width depends on helix angle
Spur pinion shafts with double helical gearing, original Sykes with and without centre groove or Maag toothed with centre groove		original Sykes	1,5 - 12	from 10	max. 500
		Maag toothed	1 - 30	from 10	Tooth width depends on helix angle
Worm gears				on demand	
Spur gears or tooth hubs with internal gearing		shaped	1 - 10	max. 2900	max. 300
Toothed shaft profiles				Din 5480 + Din 5482	max. 700
Splined shaft profiles milled / ground 2000 long				Special profiles Din 5471, Din 5472, Din 5462, Din 5463, Din 5464	
Cylindrical lantern gears Sprocket wheels Tooth sprocket wheels			All common pitches Special profiles	max. 3000	max. 700



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F.J. Derichs Maschinenbau GmbH & Co. KG

Gewerbestraße Süd 46
41812 Erkelenz
Tel. +49 24 31 - 7 35 69
Fax +49 24 31 - 7 35 19
info@zahnrad-derichs.de

How to find us

