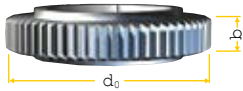
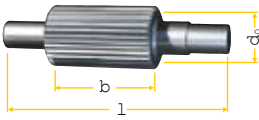
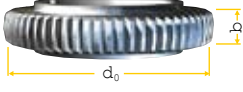
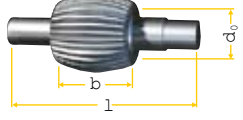


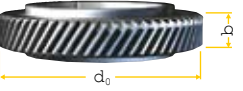
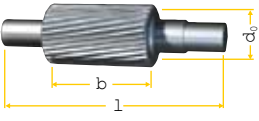
Parts Production







Hobbing

Drawing	Production method	Pitch circle diameter d_0	Dimensions	m_n
	Spur and helical gear cutting	20 - 800 mm	$b = 500$ mm	1 to 10
	Spur and helical gear cutting	20 - 800 mm	$b = 500$ mm $l = 1000$ mm	1 to 10
	Crowned-tooth gear cutting, for gear couplings and to prevent end relief	20 - 800 mm	on request	1 to 10
	Crowned-tooth gear cutting, for gear couplings and to prevent end relief	20 - 800 mm	on request	1 to 10


Tooth flank grinding

Drawing	Production method	Pitch circle diameter d_0	Dimensions	m_n
	Spur and helical gear cutting of gears	25 - 800 mm	$b = 500$ mm	1,0 bis 10
	Spur and helical gear cutting of pinion shafts	25 - 800 mm	$b = 500$ mm $l = 1000$ mm	1,0 bis 10

Machining

Drawing	Production machinery	Working ranges	
	Hydraulic keyseating machine	Keyway widths of 3 mm to max. 36 mm Multiple spline profiles up to 80 mm keyway width possible	Keyway profiles and multiple spline profiles on request
	Broaching machine	Profiles up 20 to 300 mm	Profiles on request
	NC lathe CNC lathe	up to 800 mm in dia. and 2000 mm in length Gears up to 600 mm in dia. up to 1400 mm in length	
	NC horizontal, drilling and milling machine	X up to 3000 mm Y up to 2000 mm Z up to 2000 mm	
	CNC machining centre with and without pallet station	X up to 3000 mm Y up to 2000 mm Z up to 2000 mm	

Measurement

Drawing	Production machinery	Working ranges	
	PNC - 60	Diameter 600 mm	Gear measuring machines with automated evaluation unit
	Sigma 10	Diameter up to 1000 mm	Gear measuring machines with automated evaluation unit

The parts production division has been offering its services to a wide range of industrial sectors for many years.

Complete production or partial machining to customers' drawings - with or without the provision of the material.

Ultramodern production processes and qualified staff ensure workmanship of outstanding quality - and that for over 60 years.

Reliable and stringent in-process quality controls ensure the high quality standard of our products.

Test results are determined and documented in accordance with our standard using advanced measuring and testing equipment.

Support from our engineering service constantly optimises our performance with optimum benefits - for the customers.

Our flexible order processing system and the prompt submission of quotations in reply to inquiries ensure short delivery times with maximum punctuality



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