



centering- $\emptyset d_1 \leq 250$ mm



centering- $\emptyset d_1 \geq 470$ mm

Designation of a gear ring with Zentrier- $\emptyset d_1 = 530$ mm, number of teeth 62:

Gearingz 530 × 62 TGL 34 966

Without special agreement the gear rings are delivered without fastening bores. In normal case gear ring and wheel are drilled together during assembly.

Material:

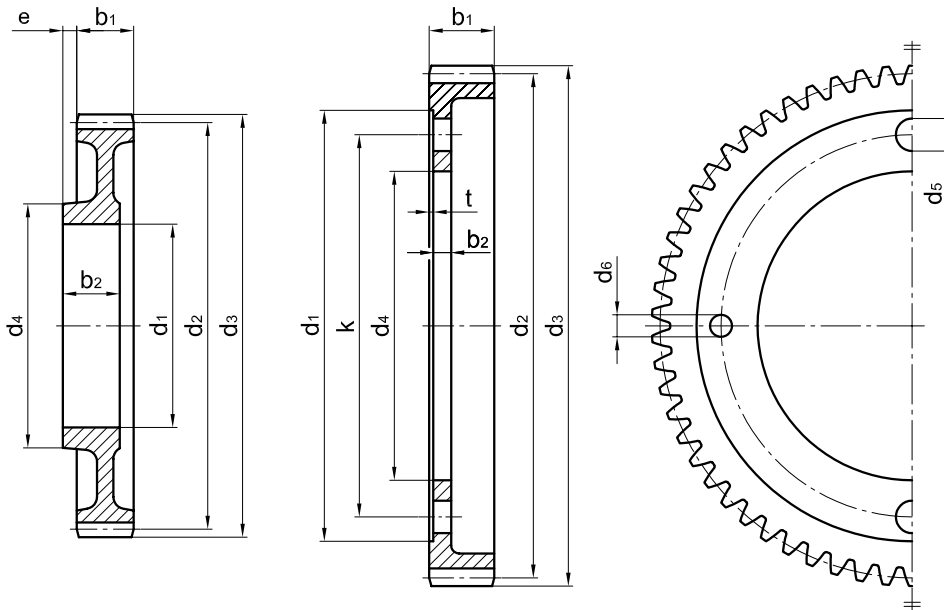
Gear ring 140–165	C45 or 42CrMo4+QT (42CrMo4 V)
Gear ring 180–800	GE300 (GS-60) or GE420 (GS-70) or G42CrMo4+QT (G42CrMo4 V)

Other material and dimensions on request.

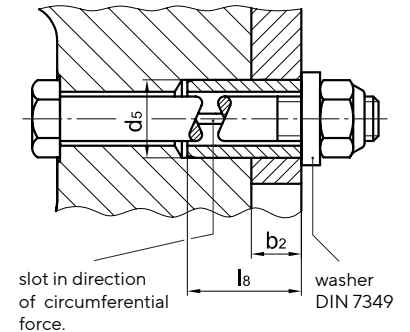
Gear rings for crane wheels

with rolling bearings acc. to TGL 34 965

TGL 34 966



shear joint with heavy duty clamping sleeve acc. to DIN EN ISO 8752 (DIN 1481)



for centering- \varnothing d_1	clamping sleeve		for screw
	d_5	l_8	
470-680	40	50	M 24
800	50	55	M 30

Zentrier- \varnothing d_1 £ 250 mm

Zentrier- \varnothing d_1 ≥ 470 mm

Zentrier- \varnothing d_1	tolerance zone	no. of teeth ¹⁾	module	b_1	b_2	d_2	d_3	d_4	d_5	d_6	no. of bores d_5 / d_6	e	k	t	unit weight ^{a)} [kg]
140	G7	43	5												
165	G7	50	5												
180	H7	52	6												
225	H7	50	8												
250	H7	42	10												
		50													
470	H7	54	10												
510	H7	50	12												
530	H7	62	10												
600	H7	58	12												
610	H7	58	12												
680	H7	66	12												
800	H7	64	14												

Dimensions on request

1) Tooth form acc. to DIN 867 without profile correction, Pressure angle 20 degree