

Gear rings for crane wheels

with rolling bearings acc. to TGL 34 965

TGL 34 966



centering - $\varnothing d1 \leq 250 \text{ mm}$



centering - $\varnothing d1 \geq 470 \text{ mm}$

Designation of a gear ring with Zentrier- $\varnothing d1 = 530 \text{ mm}$,
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 (42CrMo4V)

Gear ring 180 - 800 GE300 (GS-60) or

GE420 (GS-70) or

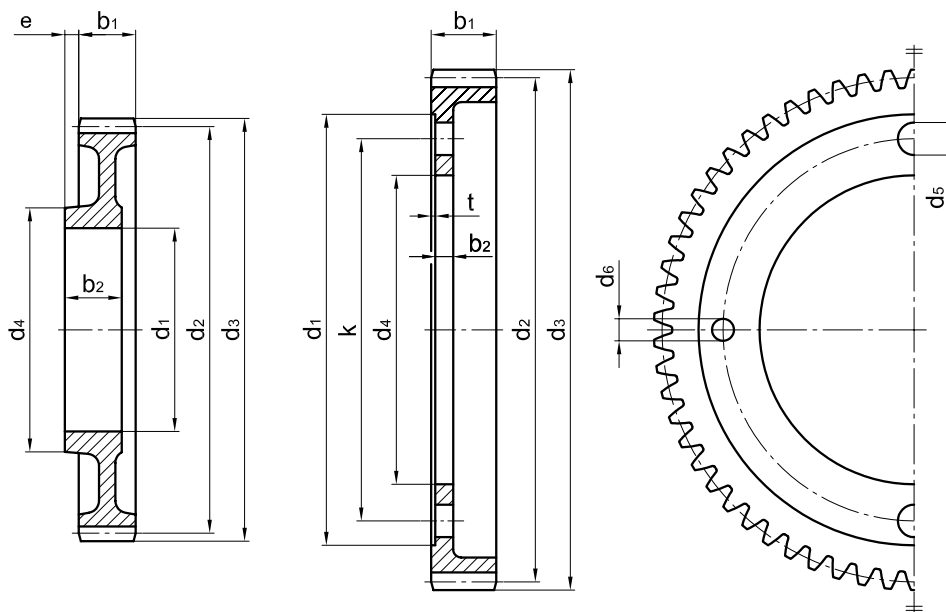
G42CrMo4+QT (G42CrMo4V)

Other material and dimensions on request.

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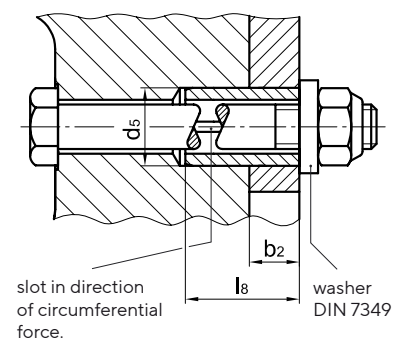
TGL 34 966



Zentrier- \varnothing d1 \leq 250 mm

Zentrier- \varnothing d1 \geq 470 mm

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



for centering- \varnothing d1	clamping sleeve		for screw
	d5	l8	
470-680	40	50	M 24
800	50	55	M 30

Zentrier- \varnothing d1	tolerance zone	no. of teeth ¹⁾	module	b1	b2	d2	d3	d4	d5	d6	no. of bores	e	k	t	unit weight
							h11				d5 / d6				≈[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