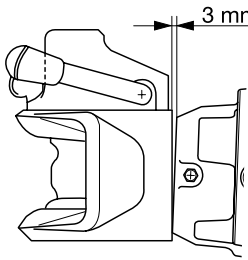


Permitted wear

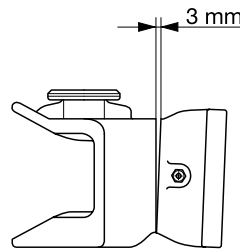
FOR TRAILER COUPLINGS AND DRAWBAR EYES

Automatic couplings – bearing (turning knuckle)



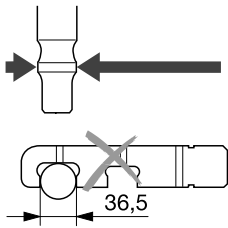
Gap at turning knuckle between funnel and flange collar with light load on lower tab in driving position: **max. 3 mm**

Non-automatic couplings – bearing (turning knuckle)



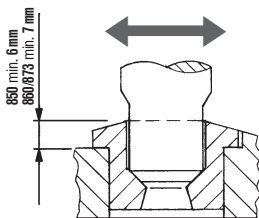
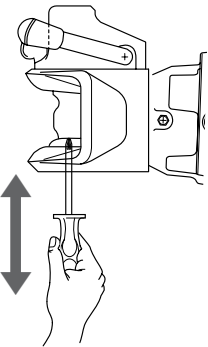
Gap at turning knuckle between funnel and flange collar with light load on lower tab in driving position: **max. 3 mm**

– coupling pin



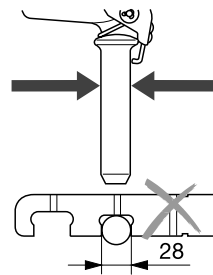
● Diameter		
Series	Nominal dimension (mm)	Wear limit min. (mm)
840	38 ±0,1	36
850	30,6±0,1	28,6
860	38 ±0,1	36
873	30,6±0,1	28,6

● Vertical play: **max. 2,5 mm**

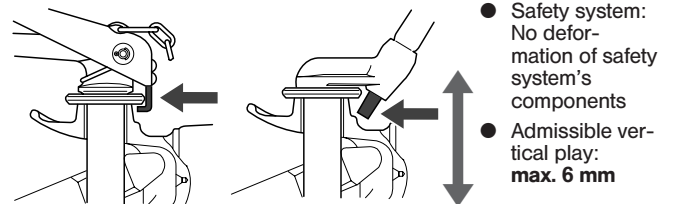


● Play in lower pin guideway **max. 2,5 mm**:
Wear on coupling pin or bore **max. 1,5 mm**

– single hand pin

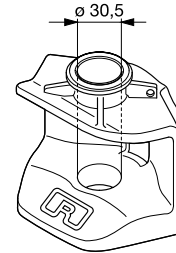


● Diameter		
Series	Nominal dimension (mm)	Wear limit min. (mm)
274	30–31,5	28
800	30–31,5	28
810	30–31,5	28



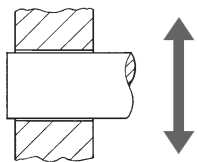
- Safety system: No deformation of safety system's components
- Admissible vertical play: **max. 6 mm**

– bore



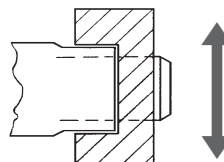
Top and bottom in driving position **max. 35 mm oval**

Insert pin bearing



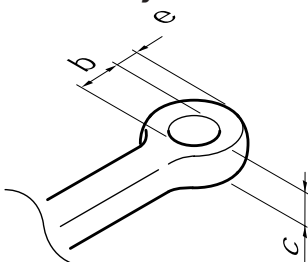
- Pin play in bore **max. 3 mm** (nominal dimension new 0,5 mm)
- Pin wear **max. 1,5 mm**
- Bore wear **1 mm** or vice versa

Lift bearing



- Longitudinal play in guideway components in tensile/thrust direction **max. 2,4 mm** (nominal dimension new 0,4 mm with assembly dimension 330 mm)
- Groove wear in coupling holder **max. 1,2 mm**
- Wear on guideway of trailer coupling **0,8 mm** or vice versa

Drawbar eyes



ISO	DIN	b ² max. (mm)	c min. (mm)	e ³ min. (mm)
5692-2	11026	41,5	38	22
-	11043	41,5	31 ¹	22
8755	74054	41,5	28	22
8755	74054/2 (without bush)	44,0	28	24
1102	74053	52,5	41,5	23,5
5692-1	9678	52,5	27,5	27

¹ Nominal dimension in hump area 35 mm
³ Dimension without bush

² Dimension with bush