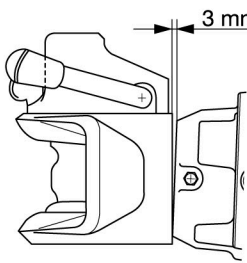


Permitted wear

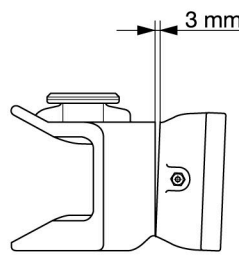
FOR TRAILER COUPLINGS AND DRAWBAR EYES

Automatic couplings – bearing (turning knuckle)



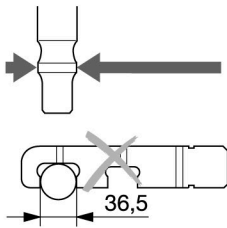
Gap at turning knuckle between funnel and flange collar under light load on the lower tab in driving position: **max. 3 mm**

Non-automatic couplings – bearing (turning knuckle)



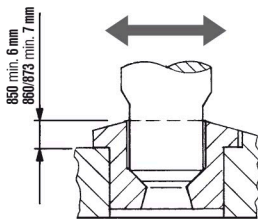
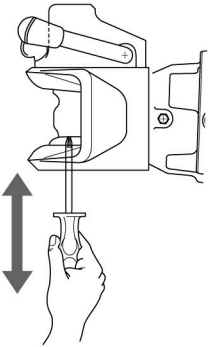
Gap at turning knuckle between funnel and flange collar under light load on the lower tab in driving position: **max. 3 mm**

– coupling pin



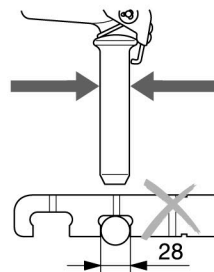
● Diameter		
Type	Nominal dimension (mm)	Wear limit min. (mm)
840	38 ±0,1	36
850	30,6±0,1	28,6
860	38 ±0,1	36
873	30,6±0,1	28,6

● Vertical clearance: **max. 2,5 mm**

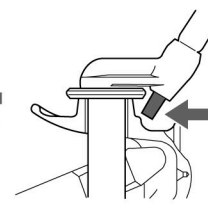
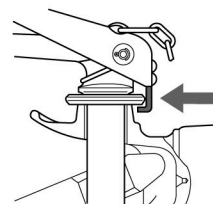


● Clearance in the lower pin guideway **max. 2,5 mm**:
Wear of the coupling pin or of the bore **max. 1,5 mm**

– single hand pin

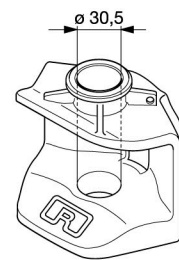


● Diameter		
Type	Nominal dimension (mm)	Wear limit min. (mm)
274	30–31,5	28
800	30–31,5	28
810	30–31,5	28



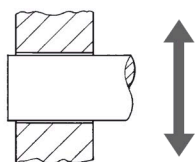
- Safety device: no deformation of the safety components
- Permissible clearance: **max. 6 mm**

– bore



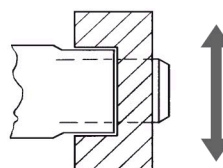
Top and bottom in drive position **max. 35 mm oval**

Insert pin bearing



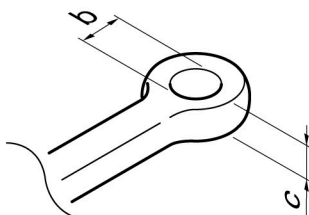
- Pin play in the bore **max. 3 mm** (nominal dimension when new 0,5 mm)
- Wear of the pin **max. 1,5 mm**
- Wear of the bore **1 mm** or vice versa

Lift bearing



- Play in guideway in push/pull direction **max. 2,4 mm** (nominal dimension when new 0,4 mm at an installation dimension 330 mm)
- Wear of the groove in coupling holder **max. 1,2 mm**
- Wear in the guideway of the 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 New dimension in hump area 35 mm

² Dimension with bush

³ Dimension without bush