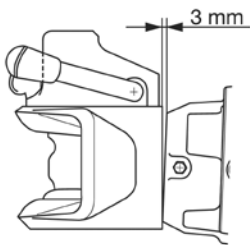
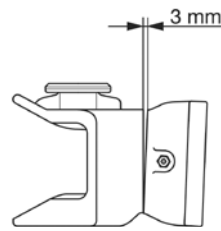


Permitted wear for towing hitches and drawbar eyes



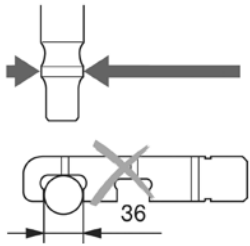
Automatic couplings – bearing (turning knuckle)

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



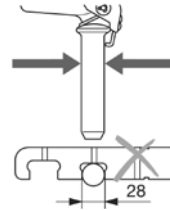
Non-automatic couplings – bearing (turning knuckle)

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



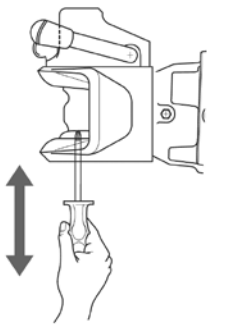
Coupling pin

Typ	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	36 ± 0,1	34

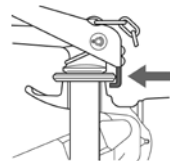


Single hand pin

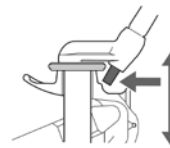
Typ	Nominal dimension (mm)	Wear limit min. (mm)
274	30–31,5	28
800	30–31,5	28
810	30–31,5	28



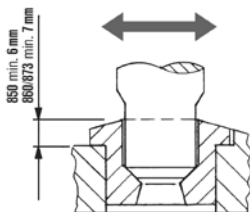
Vertical clearance:
max. 2,5 mm



Safety device:
no deformation of the safety components



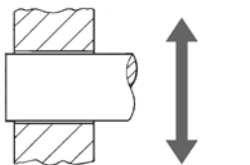
Permissible clearance:
max. 6 mm



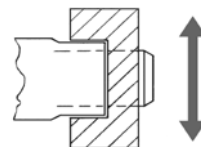
Clearance in the lower pin guideway max. 2,5 mm:
Wear of the towing hitch pin or of the bore **max. 1,5 mm**



Non-automatic couplings – bore:
Top and bottom in drive position **max. 35 mm oval**

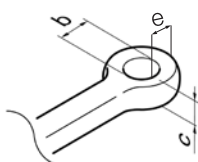


- Insert pin bearing::**
- Pin play in the bore **max. 3 mm** (nominal dimension when new 0.5 mm)
 - Wear of the pin **max. 1,5 mm**
 - Wear of the bore **1 mm** or vice versa



- Lift bearing:**
- Play in guideway in push/pulldirection **max. 2,4 mm** (nominal dimension when new 0.4 mm at an installation dimension 330 mm)
 - Wear of the groove in hitch holder **max. 1,2 mm**
 - Wear in the guideway of the trailerhitch **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	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