

BPW height adjustment devices

Klemmfix 72

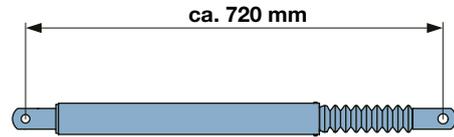
Klemmfix 72 is a height adjustment device for vertically swivelling drawbar installations.

Given optimum setting, it is possible to adjust the towing eye infinitely variably from the horizontal position by at least 300 mm (measured from the drawbar) upwards and downwards. The drawbar installation can be set to the required height by one person without the need for tools or other equipment. A Klemmfix 72 can only be used as a height adjustment device to a limited extent without a supporting hold-up device. A hold-up device (e.g. return spring with turnbuckle or spring washers) must additionally be attached to take part of the weight if the drawbar is heavier than 75 kg (s. diagram). For more information about this, see the installation instructions.

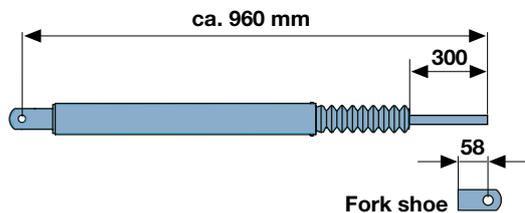
BPW code number:

Klemmfix 72/Z (tension) 51.98.01.0013

Klemmfix 72/D (compression) 51.98.01.0014



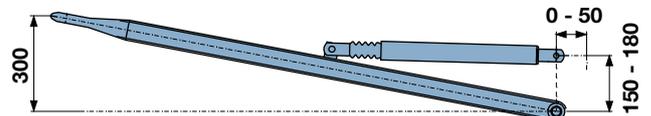
Klemmfix 72/Z



Klemmfix 72/D

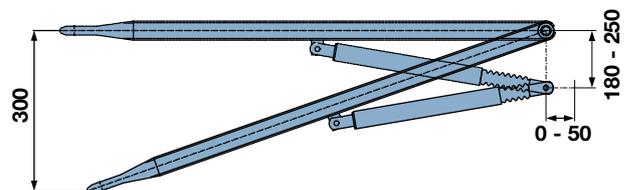
Installation of Klemmfix 75/Z (Tension)

Please comply with the operating and installation instructions!

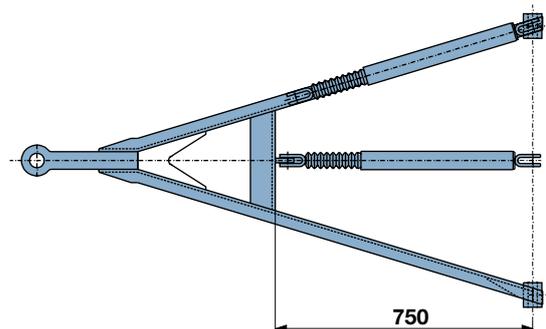


Installation of Klemmfix 72/D (Compression)

Please comply with the operating and installation instructions!



Connection of the Klemmfix on a longitudinal or lateral strut



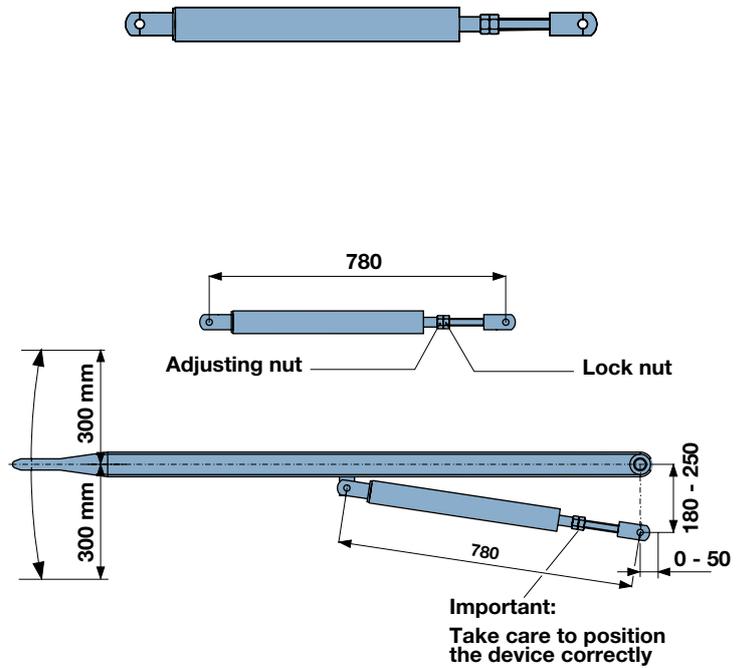
BPW support device

Compression spring pack

The adjustable compression spring pack is used as friction device in conjunction with the Klemmfix 72. Through the combination of the adjustable compression spring pack and the Klemmfix 72 an optimum height adjustment is possible. It is not permitted for the assembly on its own to be used for adjusting the height of the drawbar.

BPW code number:

Spring washers 51.98.03.0001



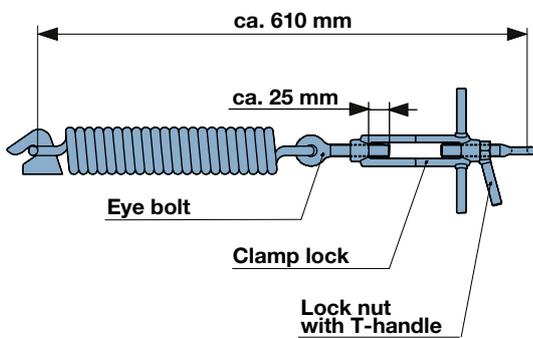
BPW height adjustment device

Return spring with turnbuckle

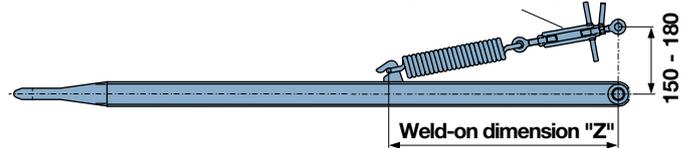
The return spring with turnbuckle can be directly used as a height adjustment device. The height is adjusted by turning the turnbuckle. The return spring used means that it is normally sufficient to use one return spring even with heavy drawbar forks (see diagram). The return spring and turnbuckle can also be used as a support device in conjunction with the Klemmfix 72.

BPW code number:

Return spring with turnbuckle 09.801.03.18.0



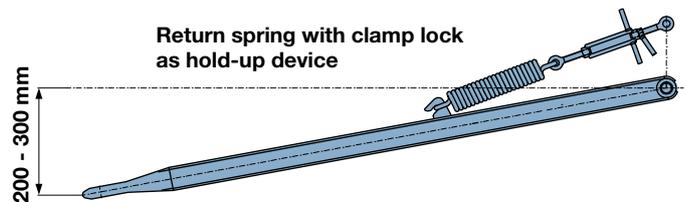
Important:
Take care to position the clamp lock correctly



Return spring with clamp lock
as height adjustment device



Return spring with clamp lock
as hold-up device



Installation of return spring with turnbuckle on the drawbar

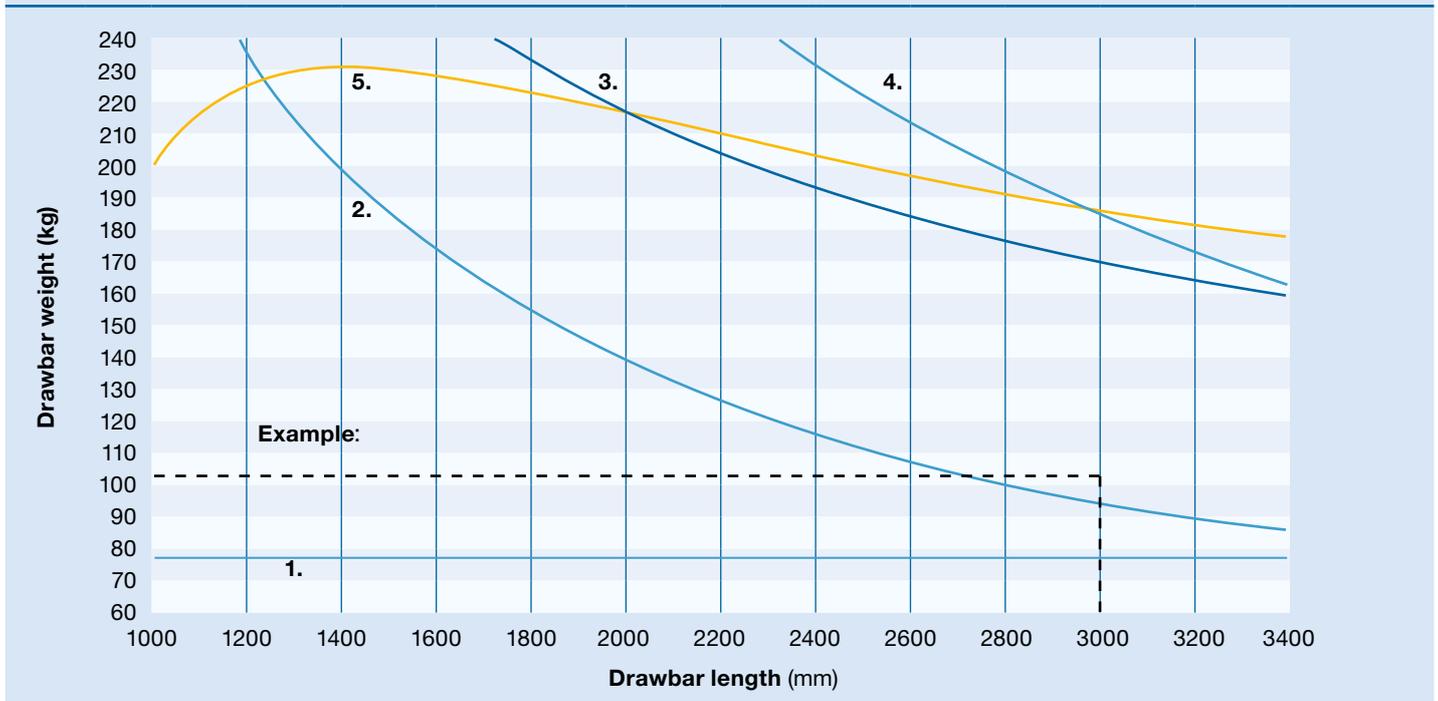
BPW height adjustment and support devices

Selecting the required products

The following information is needed for selecting height adjustment products with regard to the drawbar used:

1. Drawbar length (mm)
2. Drawbar weight (kg)

Diagram for determining the necessary support or height adjustment devices



The diagram enables the following combinations to be selected:

Combination	Height adjustment device	Support device
1.	Klemmfix 72*	-
2.	One return spring	-
3.	Klemmfix 72	one return spring
4.	One return spring	one return spring
5.	Klemmfix 72	Compression spring pack

* Single use only possible with drawbar up to 75 kg.

Example:

Drawbar: PZM L=3,000mm m=103kg

The diagram above shows the possible combinations 3, 4 and 5 (see table)!