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Assembly, Setup, Operating and Maintenance Instructions for the Trailer Mounting
Frame Type: WUB 18/1, Model G and K, EG type approval No. e4*94/20*2723*00

Assembly:

Use at least 12 bolts per side to attach the two side flanges of the trailer Mounting frame. The holes to be applied to the vehicle frame must be drilled in such a way that 2 rows of holes with at least 6 drill holes must be drilled. The vertical distance of these 2 rows of holes must be at least 100mm. The smallest distance from the edge of the respective first hole of a row of holes must be 30 mm from the top edge and the side edge.

The following connection elements must be used for assembly:

Hex fitting bolts M 14 DIN 610 - 8.8 or 10.9

Hex nuts M 14 DIN 980 -8 or 10

The tightening torque is 125 Nm at strength class 8.8 and 185 Nm at class 10.9

Optional connection elements:

Hex bolts M 16 DIN 933 - 8.8 or 10.9

Hex nuts M 16 DIN 980 -8 or 10

The tightening torque is 195 Nm at strength class 8.8 and 290 Nm at class 10.9

Optional connection elements

Flange bolts M 16 x 1,5 DIN 6921 - 10.9

Flange nuts M 16 x 1,5 DIN 6927 - 10

The tightening torque is 250 +10/0 Nm.

The holes in the vehicle frame must be carried out in accordance with DIN specifications.

A suitable tow hitch can be installed in the trailer mounting frame.

Follow the installation instructions of the manufacturer of the tow hitch.

In addition, always comply with the installation setup guidelines of the vehicle manufacturer.

Maintenance:

All screw and bolt connections of the trailer mounting frame must be checked for rightness and proper fit at least once a month or at least every 20000 km.

Deviations from this assembly instructions are permitted only with the prior approval of WAP Fahrzeugtechnik GmbH or an officially recognized expert.

Subject to change!

Number	Date
MA-019E	24-04-2013

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Technical Data		
D-Value:	140 kN	trailer
Dc-Value:	125 kN	central-axle trailer
V-Value:	60 kN	
vertical load:	1000 kg	
different data see Table on Page 3/3		

$$D_c = \frac{T \times R}{T + R} \times 9,81$$

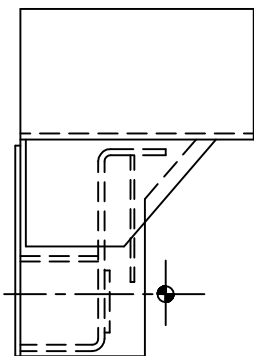
Dc = Direction of travel perm. coupling thrust in kN

$$T = \frac{D \times R}{(R \times 9,81) - D}$$

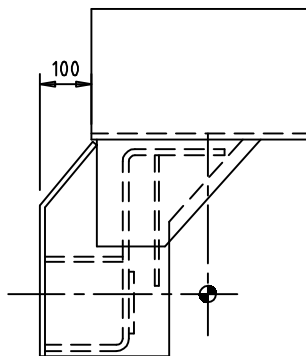
T = Towing vehicle total weight in to

$$R = \frac{D \times T}{(T \times 9,81) - D}$$

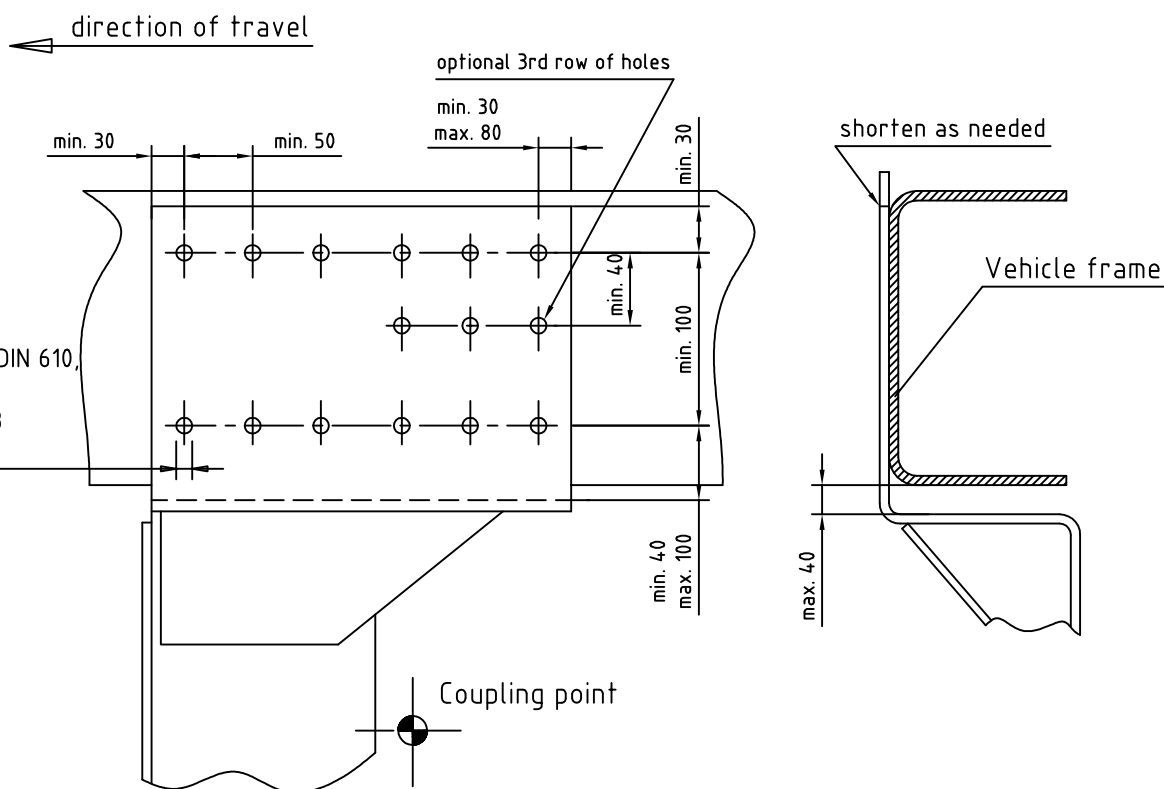
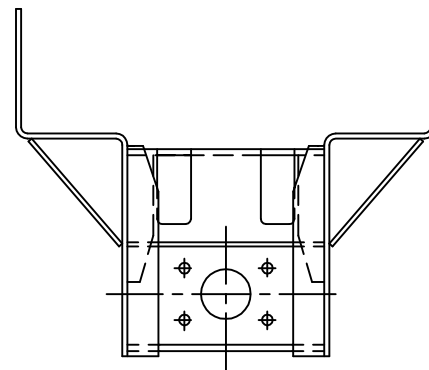
R = Trailer total weight in to



WUB 18/1 G



WUB 18/1 K



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WAP™

Fahrzeugtechnik GmbH

trailer jack, Type: WUB 18/1, Model G and K

List of V-value proportional to Dc-Value and Static vertical load

vertical load (kg)	max. V-Value (kN)					
	Dc = 125 kN	Dc = 123 kN	Dc = 121 kN	Dc = 119 kN	Dc = 117 kN	Dc = 115 kN
1000	60,0	61,0	62,0	63,0	64,0	65,0
1100	58,4	59,0	60,0	61,0	62,0	63,0
1200	56,7	57,5	58,5	59,5	60,5	61,5
1300	55,1	56,0	57,0	58,0	59,0	60,0
1400	53,5	54,0	55,0	56,0	57,0	58,0
1500	51,8	52,5	53,5	54,0	55,0	56,0

Number	Date
MA-019E	10.05.2006