

Identification of beam springs for air-suspended axles

Company:

Address:

To be completed by the customer:

If you do not know the **original part no.**, the following specifications could help us to identify the requested spring:

1 Kind of vehicle

- 1.1 Truck
- 1.2 Trailer/Semi-Trailer
- 1.3 Light commercial vehicles
- 1.4 Other

2 Brand

2.1 Axle manufacturer _____

3 Details of vehicle

3.1 Axle load $m_A =$ _____ kg

4 Dimensions of the spring

- 4.1 Width $b =$ _____ mm
- 4.2 Length of front arm $L_x =$ _____ mm
- 4.3 Length of rear arm $L_y =$ _____ mm
- 4.4 Length center hole to 1. hole of air bellow $H1 =$ _____ mm
- 4.5 Length 1.-2. hole of air bellow $H2 =$ _____ mm
- 4.6 Length 2.-3. hole of air bellow $H3 =$ _____ mm
- 4.7 Thickness of 1. leaf (leaf with bushing) in the clamping area _____ mm
- 4.8 Thickness of 2. leaf in the clamping area _____ mm
- 4.9 Thickness of 3. leaf in the clamping area _____ mm
- 4.10 Height of crank $H_k =$ _____ mm
- 4.11 free arch beam spring unloaded $p_0 =$ _____ mm

6 Bushing

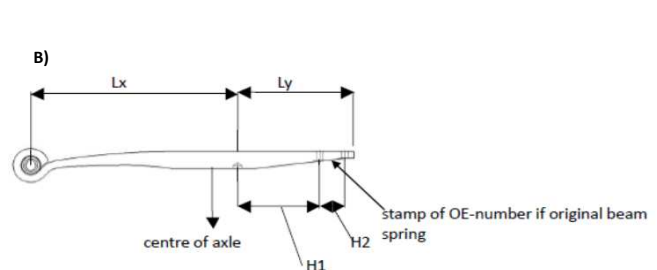
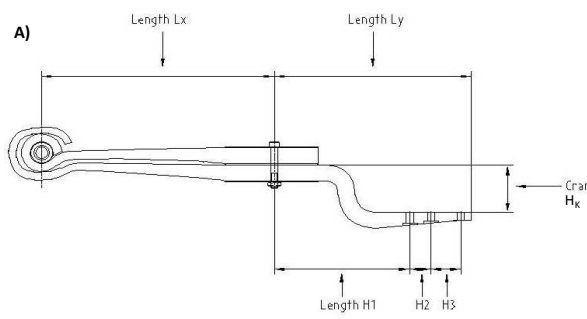
- rubber bush
- steel bush
- brass bush
- plastic bush
- threaded bush
- steel-rubber-bush
- steel-rubber-bush with bolt
- slit bush
- slit bush with bolt
- silent bush
- silent bush with bolt
- 6.1 inner \varnothing of bush $d_i =$ _____ mm
- 6.2 Square bolt yes no

7 Configuration of holes for air bellow

- 7.1 single bored
- 7.2 double bored
- 7.3 Other (please illustrate)

5 Center bolt

- 5.1 head on top of 1.leaf = beam spring mounted below the axle
- 5.2 head below the (2.) leaf = beam spring mounted on the axle
- 5.3 without center bolt



Date / Signature:

to be completed by Schomäcker Federnwerk:

Date of receipt:

No. of inquiry: / Part No.:

Remarks:

Identification of beam springs for air-suspended axles



Shapes

Company:

Address:

Type of spring	Shape	Type of spring	Shape	Type of spring	Shape
	54 <input type="checkbox"/>		52i <input type="checkbox"/>		60x <input type="checkbox"/>
	54x <input type="checkbox"/>		82 3 leaves <input type="checkbox"/>		63 <input type="checkbox"/>
	61 <input type="checkbox"/>		82 2 leaves <input type="checkbox"/>		63x <input type="checkbox"/>
	61x <input type="checkbox"/>		77 <input type="checkbox"/>		78 <input type="checkbox"/>
	61a <input type="checkbox"/>		50 <input type="checkbox"/>		51 <input type="checkbox"/>
	61b <input type="checkbox"/>		50x <input type="checkbox"/>		51x <input type="checkbox"/>
	61c <input type="checkbox"/>		50a Scania <input type="checkbox"/>		51a <input type="checkbox"/>
	61d <input type="checkbox"/>		50a <input type="checkbox"/>		51b <input type="checkbox"/>
	81 <input type="checkbox"/>		50b Scania <input type="checkbox"/>		65 <input type="checkbox"/>
	62 <input type="checkbox"/>		50b <input type="checkbox"/>		65x <input type="checkbox"/>
	62a <input type="checkbox"/>		59 <input type="checkbox"/>		71 <input type="checkbox"/>
	62b <input type="checkbox"/>		59x <input type="checkbox"/>		74 <input type="checkbox"/>
	62c <input type="checkbox"/>		55 <input type="checkbox"/>		75 <input type="checkbox"/>
	62d <input type="checkbox"/>		55x <input type="checkbox"/>		73 <input type="checkbox"/>
	62z <input type="checkbox"/>		55a <input type="checkbox"/>		80 <input type="checkbox"/>
	52 <input type="checkbox"/>		55b <input type="checkbox"/>		76 <input type="checkbox"/>
	53 <input type="checkbox"/>		60 <input type="checkbox"/>		83 <input type="checkbox"/>
Tab washer (add "f"), for example: shape 61f					