

Identification of Parabolic-/Multileaf-Springs for Trailers



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 Brand

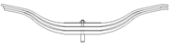
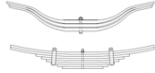
1.1 Trailer / Axle System

- Ackermann-Frühauf ☐
- BPW ☐
- Gigant ☐
- Goldhofer ☐
- Hüffermann ☐
- Kaiser ☐
- Kässbohrer ☐
- Müller Mitteltal ☐
- Peitz ☐
- ROR ☐
- Sauer ☐
- Schwarzmüller ☐
- Trailor ☐
- Other (brand name) _____

2 Spring Type

- 2.1 parabolic spring ☐
- 2.2 multileaf spring ☐

3 Kind of Spring

- 3.1 single-stage spring  ☐
- 3.2 two-stage spring  ☐
- 3.3 spring with 2 eyes  ☐
- 3.4 spring with eye and sliding end  ☐
- 3.5 spring with 2 sliding ends  ☐
- 3.6 pendulum spring  ☐
- 3.7 shape (see page 2-4) _____

4 Number of leaves

- 4.1 complete spring _____
or in case of two-stage spring
- 4.1.1 main spring _____
- 4.1.2 helper spring _____

5 Dimensions of the Spring

- 5.1 width $b =$ _____ mm

(The following linear dimensions to be measured along the leaf, not linear distance!)

- 5.2 length of front cantilever $L_x =$ _____ mm

- 5.3 length of rear cantilever $L_y =$ _____ mm

- 5.4 free arch of spring unloaded $\rho_0 =$ _____ mm

(The total height to be measured in the middle of the spring.)

- 5.5 total height _____ mm

- 5.6 inner- $\varnothing$ of bush $d_i =$ _____ mm

- 5.7 outside- $\varnothing$ of bush $d_a =$ _____ mm

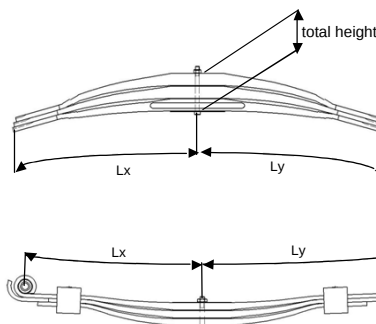
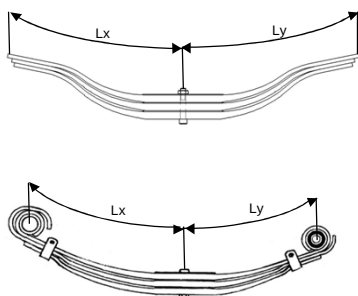
6 Bushing

- 6.1 brass bush ☐
- 6.2 silent bush ☐
- 6.3 rubber bush ☐
- 6.4 Other (please mention) _____

7 Details of Vehicle

- 7.1 Axle load $m_A =$ _____ kg

8 Further Particulars



Date / Signature:

To be completed by Schomäcker Federnwerk:

Date of receipt:

No. of enquiry: / Part No.:

Remarks:

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Shapes

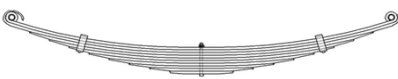
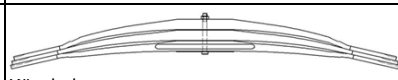
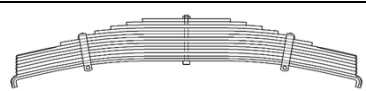
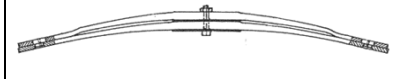
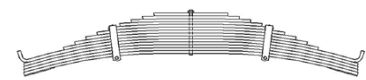
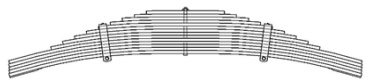
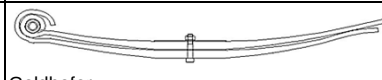
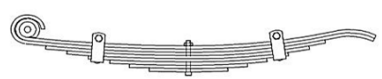
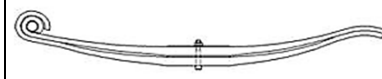
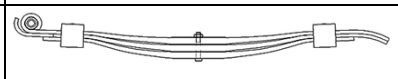
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All illustrations are for reference only: Number of leaves and details may differ !

"E" with helper spring
 "K" specific design of hook "Gigant LK"
 "L" with guide spring
 "M" double hook (e.g. 880518/00)
 "O" hole for hydro-bellow to one side
 "P" holes for fixing on the axle on both sides
 "Q" eyes cranked

"R" clamps with reinforced friction
 "S" upturned eye
 "T" with 1 hook
 "U" with 2 hooks
 "UY" with 2 hooks and mainleaf with longitudinal groove on both sides
 "V" low friction
 "Y" mainleaf with longitudinal groove on both sides

Shape	Multileaf Springs	Parabolic Springs
Shape 1	 Kässbohrer 698336/00	 Kässbohrer 699410/00 Sauer tandem axle aggregate with hydraulic system Sauer trio-aggregate with hydraulic system
Shape 3	 Goldhofer	
Shape 8		 Kässbohrer Kögel
Shape 8E		 Müller Mitteltal 252617/00
Shape 8M	 BPW tandem axle aggregate construction series W Sauer ID-aggregate	
Shape 8P	 BPW tandem axle aggregate construction series NW / GW / BW Peitz Sauer tandem axle aggregate / ID-aggregate	 Peitz parabolic springs for tandem aggregate
Shape 8UY	 BPW tread aggregate construction series SS (System Schmitz)	
Shape 8Y	 BPW tread aggregate construction series SS (System Schmitz)	
Shape 11		 Goldhofer
Shape 13	 Ackermann-Frühauf/Deutsche Frühauf Gigant GK-multileaf-springs for tandem axle aggregate Kässbohrer Müller Mitteltal Peitz Schwarz Müller trapezoidal springs for trailers agricultural trailer sliding springs	 Gigant GK-parabolic springs for tandem axle aggregate Kögel Müller Mitteltal Schwarz Müller
Shape 13R		 Müller Mitteltal

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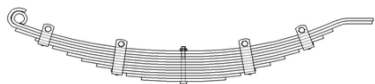
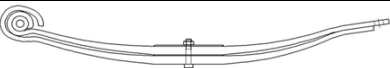
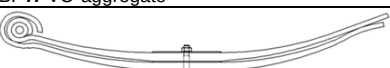
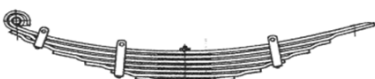
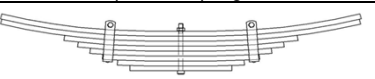
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"V" low friction
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Shape	Multileaf Springs	Parabolic Springs
Shape 14	 Kässbohrer	
Shape 14R		 Kässbohrer
Shape 15	 Kaiser Goldhofer Schwarzmüller trapezoidal springs for trailers	 Hüffermann Viberti parabolic springs with brass metal bush for single axles of trailers
Shape 15O		 BPW VH-aggregate BPW VO-aggregate
Shape 15Q		 Müller Mitteltal
Shape 15R		 Gigant GA-parabolic springs Kögel Müller Mitteltal Schwarzmüller parab.springs with friction reinforcemt.+brass metal bush f. single axles of trailers parab.springs with friction reinforcemt.+silent bloc for single axles of trailers
Shape 15S	 highly-progressive trapezoidal springs with upturned eye	
Shape 15T	 Goldhofer	
Shape 15V	 low-friction trapezoidal springs for trailers	
Shape 18	 Gigant LK-multileaf springs Sauer composite aggregate / trio-composite aggregate Trailor	 Ackermann-Frühau/Deutsche Frühau BPW VB-aggregate BPW VK-aggregate BPW VN-aggregate Gigant LK-parabolic springs Goldhofer Kässbohrer Piacenza Sauer composite aggregate / trio-composite aggregate Viberti

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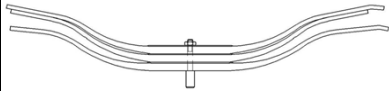
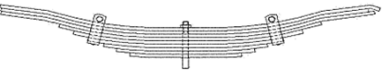
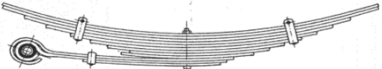
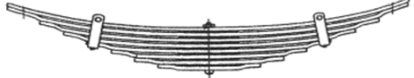
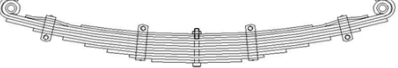
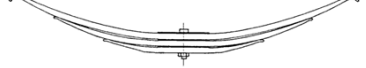
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 "Y" mainleaf with longitudinal groove on both sides

Shape	Multileaf Springs	Parabolic Springs
Shape 18E		 Gigant LK-parabolic springs Piacenza Viberti
Shape 18K	 Gigant LK-multileaf springs	 Gigant LK-parabolic springs
Shape 18L	 Gigant SF-multileaf springs	 Gigant SF-parabolic springs
Shape 18T	 BPW VB-aggregate BPW VK-aggregate BPW VN-aggregate ROR Trailor	 ROR Trailor
Shape 18U	 Ackermann-Frühauß/Deutsche Frühauß BPW VB-aggregate BPW VK-aggregate BPW VN-aggregate Kaiser ROR Sauer composite aggregate / trio-composite aggregate	 BPW VB-aggregate BPW VG-aggregate Kaiser ROR Zorzi
Shape 18V	 low-friction trapezoidal springs for trailers	
Shape 19		 Peitz parabolic springs for tandem aggregate
Shape 41	 trapezoidal springs for trailers	
Shape 46		 BPW VA-aggregate
Shape 47	 BPW VG-aggregate conventional leaf springs Trailor	

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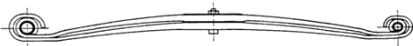
Shapes

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"K"	specific design of hook "Gigant LK"	"S" upturned eye
"L"	with guide spring	"T" with 1 hook
"M"	double hook (e.g. 880518/00)	"U" with 2 hooks
"O"	hole for hydro-bellow to one side	"UY" with 2 hooks and mainleaf with longitudinal groove on both sides
"P"	holes for fixing on the axle on both sides	"V" low friction
"Q"	eyes cranked	"Y" mainleaf with longitudinal groove on both sides

Shape	Multileaf Springs	Parabolic Springs
Shape 57		 SAF tandem axle aggregate with hydraulic system SAF trio-aggregate with hydraulic system
Schwarz Müller		 265907