

# PERI Rental Criteria

## ST 100 Stacking Tower



### Contact

**PERI GmbH**  
**Formwork Scaffolding**  
**Engineering**  
P.O. Box 1264  
89264 Weissenhorn, Germany  
Phone +49 (0) 7309.950-0  
Fax +49 (0) 7309.951-0  
[rental-criteria@peri.de](mailto:rental-criteria@peri.de)

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Changes made	Date   Initial	Page
New Version	03/2016   fw	
Several pictures changed	05/2018   fw	
Reference to work instruction added	03/2020   fw	6
Dent in tube added	03/2020   fw	5
Couplings added	08/2021   fw	19
Changes at Couplings	03/2022   fw	19+ 22
Scaffolding Tube added	03/2022   fw	23-24

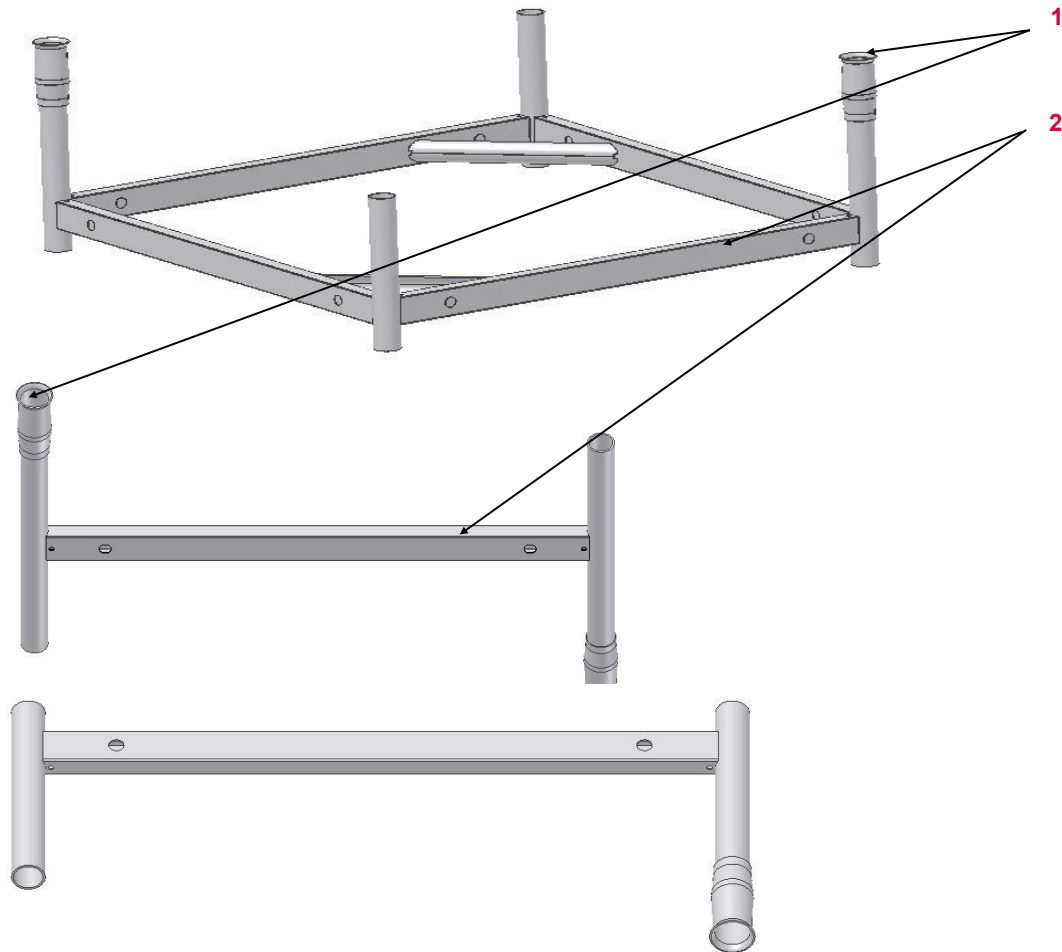
# PERI Rental Criteria

## ST 100 Stacking Tower



### Base Head Frame, Stacking Frame; End Frame

No.	Name	Article number
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- |   |          |
|---|----------|
| 1 | Tube Cup |
| 2 | Frame    |

Valid for	Article number
Base Head Frame ST 100 verz.	019900
Stacking Frame ST 100 verz.	019910
End Frame ST 100 verz.	019930

# PERI Rental Criteria

## ST 100 Stacking Tower





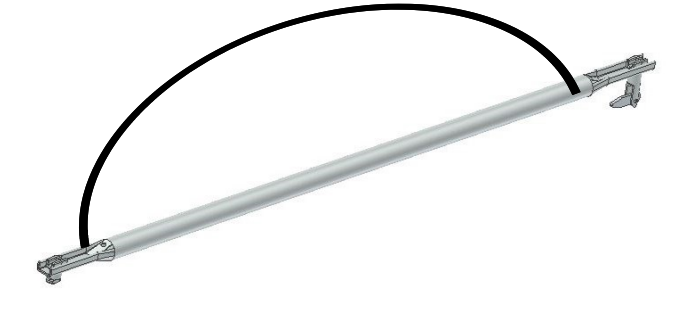















Frame	Description	Instruction	Billing Condition	Type
	<b>Frame dent or bent</b>			
	<ul style="list-style-type: none"> <li>■ <math>D \leq 10 \text{ mm}</math></li> </ul>	 		
	<ul style="list-style-type: none"> <li>■ Or <math>d &gt; 10 \text{ mm}</math></li> <li>■ Or edge affected</li> </ul>	   	 	 
	<b>Tube cup end bent</b>			
	<ul style="list-style-type: none"> <li>■ <math>\leq 10 \text{ mm}</math></li> <li>■ Or <math>&gt; 10 \text{ mm}</math></li> </ul>	  	 	<p>088244</p>  
	<b>Crack in tube cup end</b>			
	<ul style="list-style-type: none"> <li>■ Crack because of missuse (Bent in tube cup end)</li> <li>■ Or without damage of the tube cup end</li> </ul>	   	 	 

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Diagonal Brace ST 100 (019940)	Description	Instruction	Billing Condition	Type
	<p><b>Profile bent   missing</b></p>	 710123 (Profile) 710910 (Sleeve)	 088391 089042	
	<p><b>Brace bent</b></p> <ul style="list-style-type: none"> <li>■ ≤ 3 mm</li> <li>■ Or &gt; 3 mm (L/500)</li> </ul>	<ul style="list-style-type: none"> <li></li> <li></li> </ul>	<ul style="list-style-type: none"> <li> 088244</li> <li></li> </ul>	<ul style="list-style-type: none"> <li></li> <li></li> </ul>
	<p><b>Connection bent</b></p> <ul style="list-style-type: none"> <li>■ ≤ 5 mm</li> <li>■ Or &gt; 5 mm</li> </ul>	<ul style="list-style-type: none"> <li></li> <li></li> </ul>	<ul style="list-style-type: none"> <li> 088244</li> <li></li> </ul>	<ul style="list-style-type: none"> <li></li> <li></li> </ul>

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## ST 100 Stacking Tower

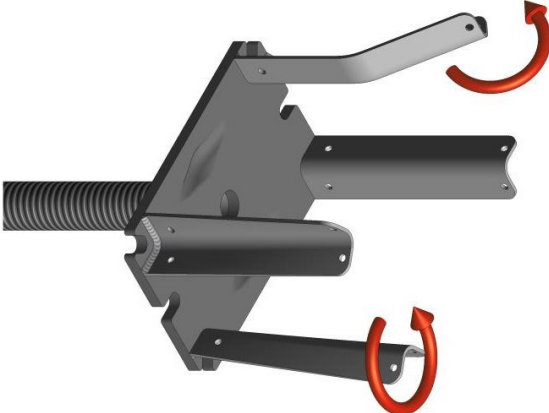
















Diagonal Brace ST 100 (019940)	Description	Instruction	Billing Condition	Type
	<p><b>Dent in tube</b></p> <ul style="list-style-type: none"> <li>■ ≤ 3 mm depth</li> <li>■ Or &gt; 3 mm depth</li> </ul>	<ul style="list-style-type: none"> <li>   </li> <li>   </li> </ul>	<ul style="list-style-type: none"> <li>  </li> <li>  </li> </ul>	<ul style="list-style-type: none"> <li>  </li> <li>  </li> </ul>

# PERI Rental Criteria

## ST 100 Stacking Tower



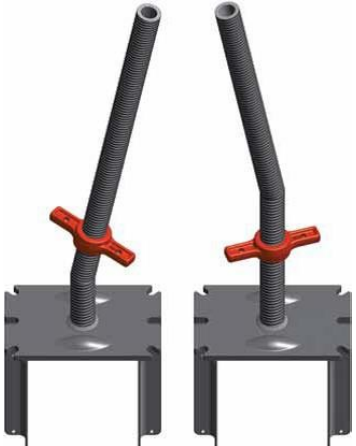
Crosshead Spindle (019950)	Description	Instruction	Billing Condition	Type	
	<p><b>Plaid</b></p> <ul style="list-style-type: none"> <li>■ Bent without crack in welding</li> <li>■ Or with crack in welding</li> <li>■ Or missing</li> </ul>	<ul style="list-style-type: none"> <li>                      WI_16_10_Crosshead_Spindle_Plaid_1422_en                 </li> <li>                      WI_16_10_Crosshead_Spindle_Plaid_1422_en                 </li> <li>                      WI_16_10_Crosshead_Spindle_Plaid_1422_en                 </li> </ul>	<ul style="list-style-type: none"> <li>                      088395                 </li> <li>                      088394                 </li> <li>                      088394                 </li> </ul>	<ul style="list-style-type: none"> <li>  </li> <li>  </li> <li>  </li> </ul>	
		<p><b>Base plate bent</b></p> <ul style="list-style-type: none"> <li>■ &gt; 5 mm</li> </ul>	<ul style="list-style-type: none"> <li>   </li> </ul>	<ul style="list-style-type: none"> <li>  </li> </ul>	<ul style="list-style-type: none"> <li>  </li> </ul>

# PERI Rental Criteria

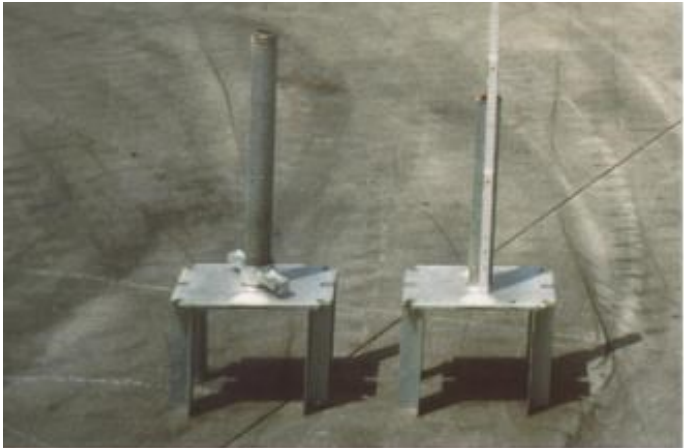
## ST 100 Stacking Tower



Crosshead Spindle (019950)	Description	Instruction	Billing Condition	Type
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Spindle bent



Spindle cut off



# PERI Rental Criteria

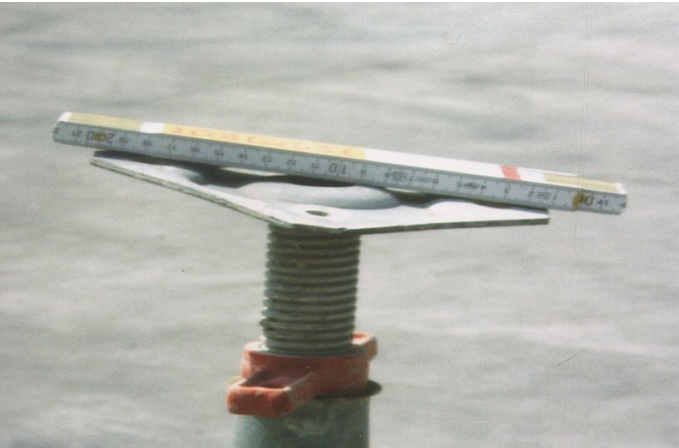
## ST 100 Stacking Tower



Base Spindle TR 38-70/50 (019780)	Description	Instruction	Billing Condition	Type
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Wing nut broken



Base plate

■ Bent (spindle not affected)



088244



■ Or Bent and spindle affected



■ Or crack in welding





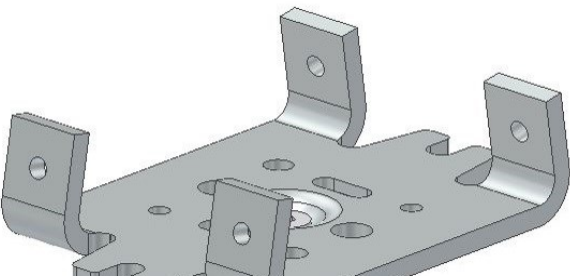











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## ST 100 Stacking Tower



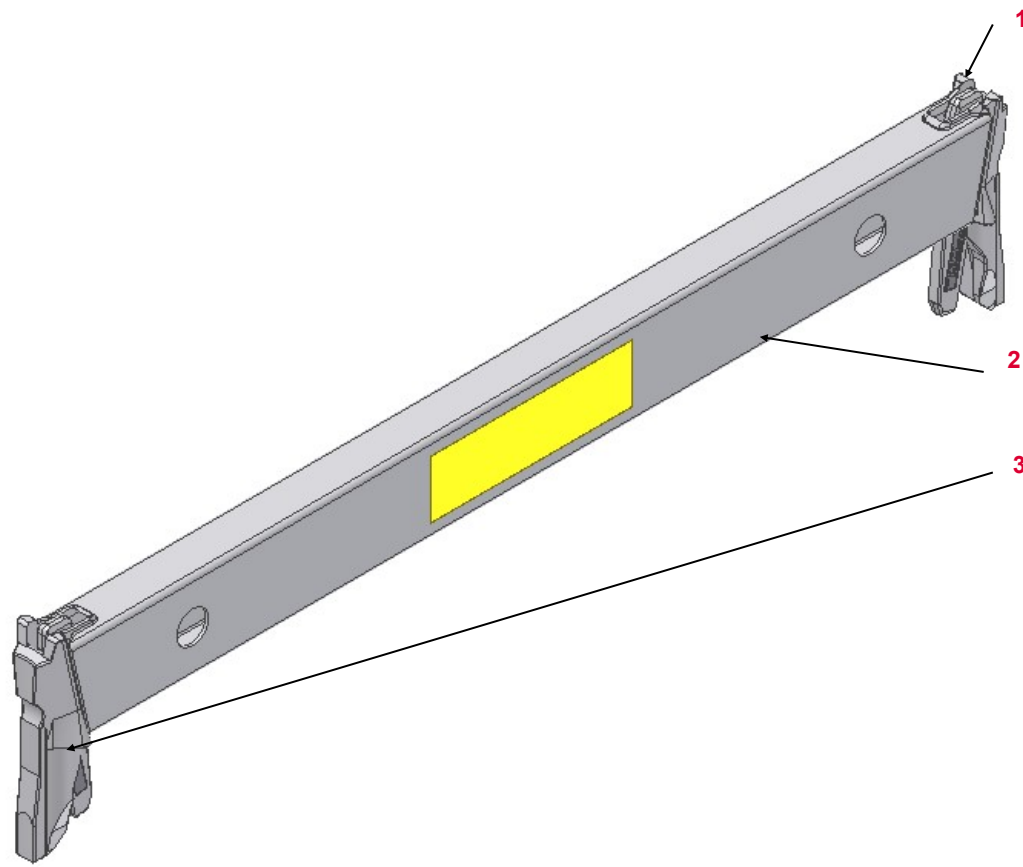
Head Spindle (319790; 116081)	Description	Instruction	Billing Condition	Type
	Wing nut broken			
	Claws bent		 088244	
	Spindle bent			

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Ledger UH	No.	Name	Article number
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1	Wedge	100109
2	Ledger	
3	Ledger Head	100018

Valid for	
Ledger UH 72	100440
Ledger UH 104	100192
Ledger UH 150	100021
Ledger UH 200	100023
Ledger UH 250	100025
Ledger UH 300	100027
Ledger UH 400	100029
Ledger UH 75	100017
Ledger UH 100	101159

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## ST 100 Stacking Tower







Ledger UH	Description	Instruction	Billing Condition	Type
	<p>Dent in profile</p>			
	<p>Crack in wedge opening   Wedge is missing</p>	 		

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Ledger UH	Description	Instruction	Billing Condition	Type
	<p>Bent at the edge</p>			

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Ledger UH	Description	Instruction	Billing Condition	Type	
	<b>Bent at the wedge</b>				
	<ul style="list-style-type: none"> <li>■ If possible</li> </ul>			088244	
	<ul style="list-style-type: none"> <li>■ Or if not possible</li> </ul>				
<ul style="list-style-type: none"> <li>■ Or Crack in material</li> </ul>					
	<b>Dent at the hole</b>				
	<ul style="list-style-type: none"> <li>■ If geometry of hole unchanged</li> </ul>			088244	
	<ul style="list-style-type: none"> <li>■ Or if changed</li> </ul>				
<ul style="list-style-type: none"> <li>■ Or crack in material</li> </ul>					

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## ST 100 Stacking Tower








Ledger UH	Description	Instruction	Billing Condition	Type																				
	<b>Bent in horizontal direction</b> <ul style="list-style-type: none"> <li>■ Edges not affected</li> <li>■ and <math>\leq</math> permitted bent (<math>L/300</math>)</li> </ul>																							
	<ul style="list-style-type: none"> <li>■ Or <math>&gt;</math> permitted bent</li> </ul>	 																						
<table border="1"> <thead> <tr> <th>Element</th> <th>Perm. bent</th> </tr> </thead> <tbody> <tr> <td>Ledger UH 25</td> <td><math>\leq 3</math> mm</td> </tr> <tr> <td>Ledger UH 50</td> <td><math>\leq 3</math> mm</td> </tr> <tr> <td>Ledger UH 75</td> <td><math>\leq 3</math> mm</td> </tr> <tr> <td>Ledger UH 100</td> <td><math>\leq 3</math> mm</td> </tr> <tr> <td>Ledger UH 125</td> <td><math>\leq 4</math> mm</td> </tr> <tr> <td>Ledger UH 150</td> <td><math>\leq 5</math> mm</td> </tr> <tr> <td>Ledger UH 200</td> <td><math>\leq 7</math> mm</td> </tr> <tr> <td>Ledger UH 250</td> <td><math>\leq 8</math> mm</td> </tr> <tr> <td>Ledger UH 300</td> <td><math>\leq 10</math> mm</td> </tr> </tbody> </table>		Element	Perm. bent	Ledger UH 25	$\leq 3$ mm	Ledger UH 50	$\leq 3$ mm	Ledger UH 75	$\leq 3$ mm	Ledger UH 100	$\leq 3$ mm	Ledger UH 125	$\leq 4$ mm	Ledger UH 150	$\leq 5$ mm	Ledger UH 200	$\leq 7$ mm	Ledger UH 250	$\leq 8$ mm	Ledger UH 300	$\leq 10$ mm			
Element	Perm. bent																							
Ledger UH 25	$\leq 3$ mm																							
Ledger UH 50	$\leq 3$ mm																							
Ledger UH 75	$\leq 3$ mm																							
Ledger UH 100	$\leq 3$ mm																							
Ledger UH 125	$\leq 4$ mm																							
Ledger UH 150	$\leq 5$ mm																							
Ledger UH 200	$\leq 7$ mm																							
Ledger UH 250	$\leq 8$ mm																							
Ledger UH 300	$\leq 10$ mm																							

# PERI Rental Criteria

## ST 100 Stacking Tower























Ledger UH	Description	Instruction	Billing Condition	Type
	Profile bent in vertical direction	 		

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## ST 100 Stacking Tower



Transportation Wheel UEW (116176)	Description	Instruction	Billing Condition	Type
	<p><b>Wheel</b></p> <ul style="list-style-type: none"> <li>■ Broken because of overloading the wheel</li> <li>■ Or worn</li> </ul>	<ul style="list-style-type: none"> <li>   </li> <li>   </li> </ul>	<ul style="list-style-type: none"> <li>  </li> <li>  </li> </ul>	<ul style="list-style-type: none"> <li>  </li> <li>  </li> </ul>
		<p><b>Tube</b></p> <ul style="list-style-type: none"> <li>■ Kink</li> <li>■ Or holes torn out</li> </ul>	<ul style="list-style-type: none"> <li>   </li> <li>   </li> </ul>	<ul style="list-style-type: none"> <li>  </li> <li>  </li> </ul>
		<p><b>Impact protection broken</b></p>	<ul style="list-style-type: none"> <li>   </li> </ul>	<ul style="list-style-type: none"> <li>  </li> </ul>

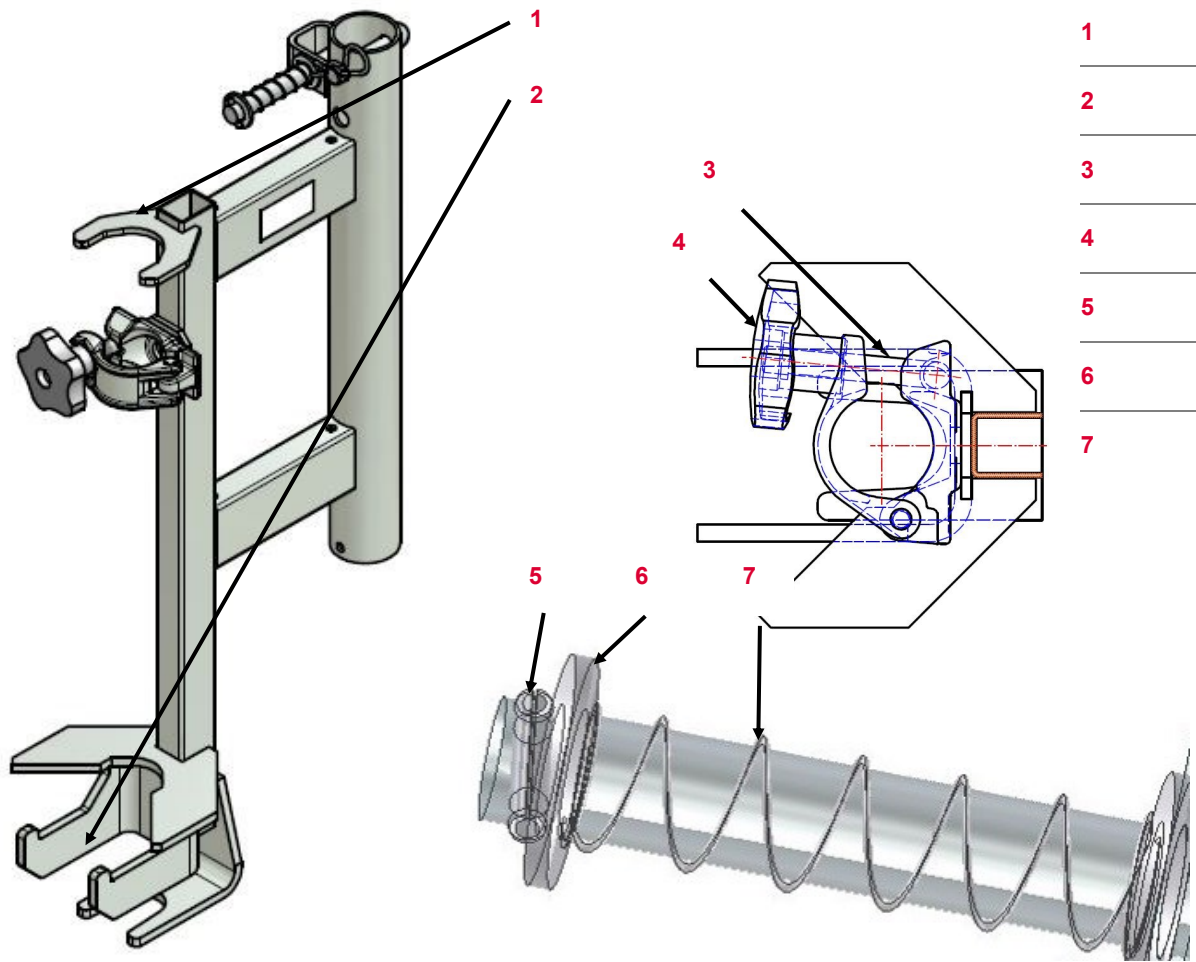


# PERI Rental Criteria

## ST 100 Stacking Tower



Connection Transportation wheel ST 100 (116800)	No.	Name	Article number
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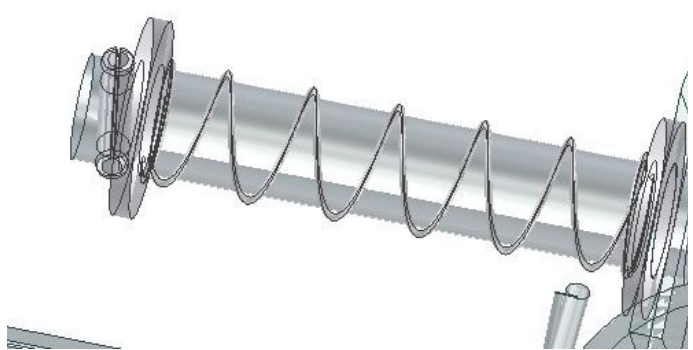



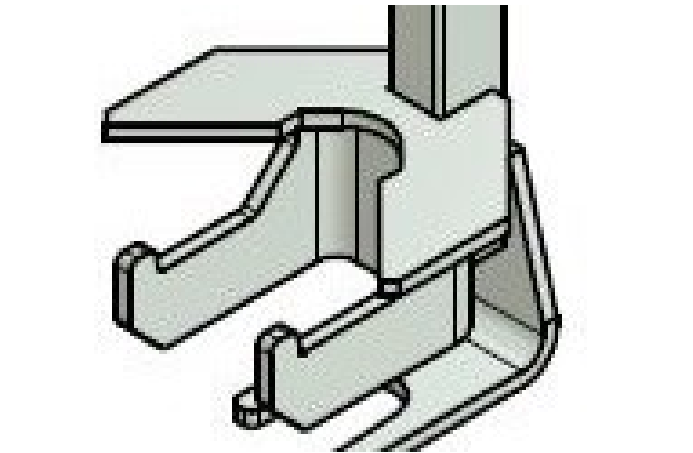





1	Guide top	
2	Guide bottom	
3	Hammer head bolt	710702
4	Star grip	117388
5	Sleeve	721925
6	Washer	711043
7	Spring	116177

# PERI Rental Criteria

## ST 100 Stacking Tower



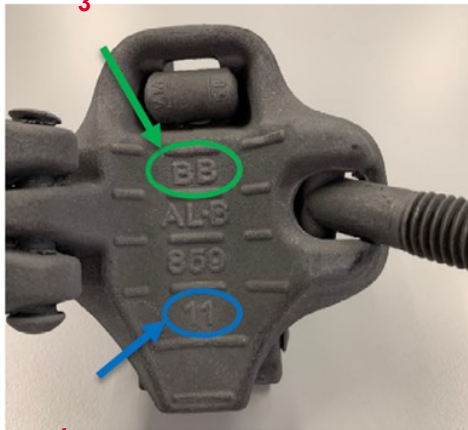
Connection Transportation wheel	Description	Instruction	Billing Condition	Type
	<p>Damaged spring</p>			
	<p>Claws bent</p>		 088244	

# PERI Rental Criteria

## ST 100 Stacking Tower



Couplings	No.	Name	Article number
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1	Reference to EN 74
2	Name or trademark of manufacturer. <b>It does not necessarily have to be PERI</b>
3	Quality grade of coupling
4	Year of manufacturer

Valid for

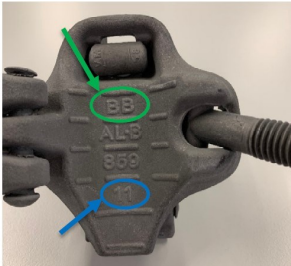
RED.SWIVEL COUPLER RS38/48 GV	102400
SWIVEL COUPLER SW 48/48 GALV.	017010
RED.SWIVEL COUPLER RS60/48 GV	017000
RED.SWIVEL COUPLER RS33,7/38GV	017070
STANDARD COUPLER RA 48/48 GALV	017020
RED.STANDARD COUPLER RR60/48GV	017030
HALF COUPLER W.BOLT DK 48,GALV	017040

# PERI Rental Criteria

## ST 100 Stacking Tower



Couplings	Description	Instruction	Billing Condition	Type
-----------	-------------	-------------	-------------------	------



**Markings**

- Given
- Or not given



Hand out to customer possible



**Hammer Head Bolt | Nut**









- Missing
- Or damaged due to force
- Or not moveable du to weariness (rust)



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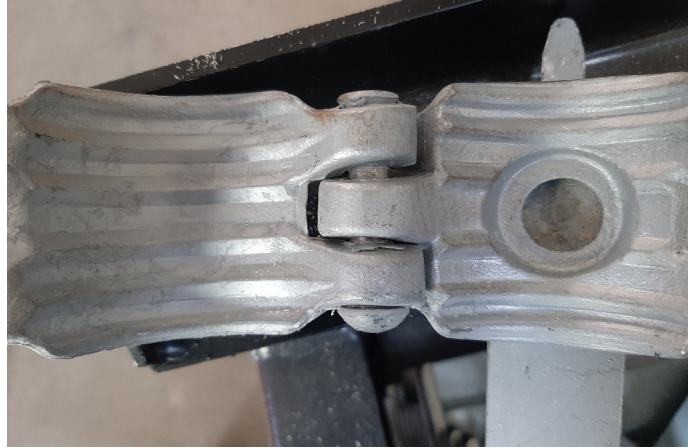





Couplings	Description	Instruction	Billing Condition	Type
	<p>Coupling half shell damaged</p>			
	<p>Swivel element damaged</p>			

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## ST 100 Stacking Tower















Couplings	Description	Instruction	Billing Condition	Type
	<p><b>Internal fluting defect</b></p> <p>If there is no fluting, this type of damage does not apply and the coupling can remain in the rental park</p>			
	<p><b>Hinge Rivet damaged</b></p>			



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Scaffolding Tube	Description	Instruction	Billing Condition	Type
	<b>Bent</b> <ul style="list-style-type: none"> <li>■ &lt; L/200</li> </ul>			
	<ul style="list-style-type: none"> <li>■ Or &gt; L/200</li> </ul>	 		
	<b>Shortened on jobsite</b>			

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## ST 100 Stacking Tower




















Scaffolding Tube	Description	Instruction	Billing Condition	Type
	<p><b>Holes in tubes</b></p> <ul style="list-style-type: none"> <li>■ If possible</li> <li>■ Or if not possible</li> </ul>	<p>If possible: </p> <p>Or if not possible:  </p>	<p>If possible: </p> <p>Or if not possible: </p>	<p>If possible: </p> <p>Or if not possible: </p>



# PERI Rental Criteria

## Glossary Icons



Icon	Significance	Icon	Significance	Icon	Significance
	Not Ok– material is scrap		Billing necessary (customer)		Optical damage
	OK– material stays in rental park		No Billing necessary		Functional damage
	Scrap material– it's not permitted to hand out the material because of safety aspects		Shorten the material		Functional damage— it's <b>not</b> permitted to hand out the material
	Repair according to instruction		Mark the material		Static damage— it's <b>not</b> permitted to hand out the material
	Fix material cold– Afterwards check weld seams and bordering components		Replace damaged material		
	Repair after local economic efficiency calculation		Replace missing material		
	Clean the material				