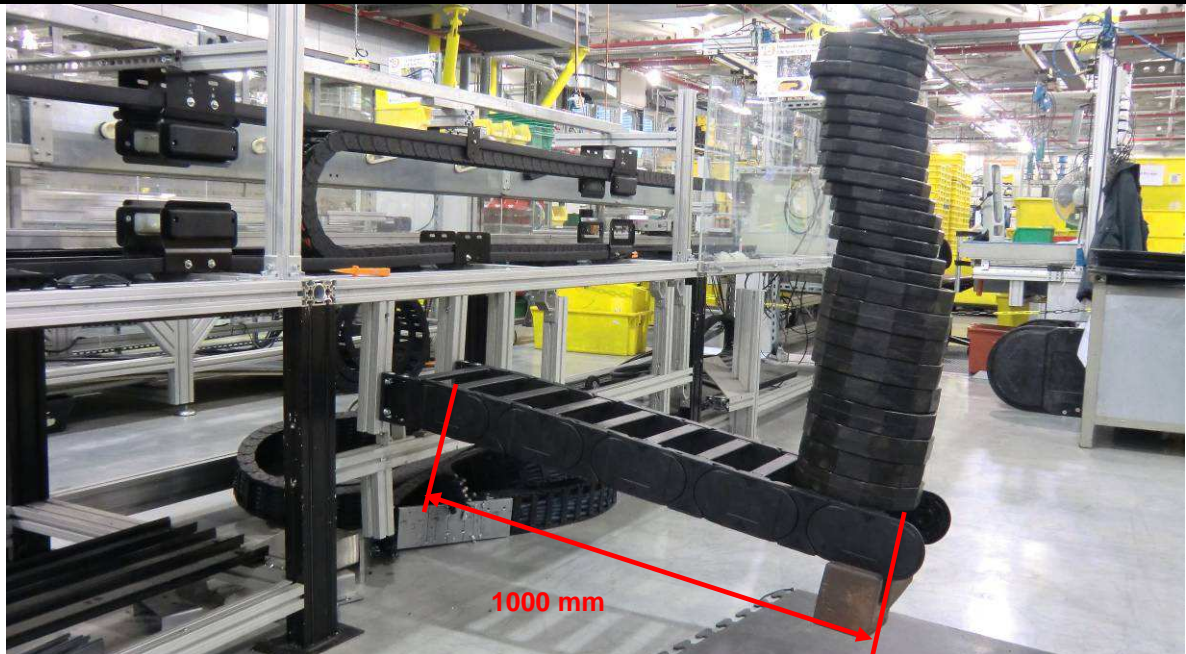


page 1 of 2	Test No.: <b>4112</b>
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<b>Client:</b>									
Name: <b>S. Strack</b>	Team: _____ Date: <b>05.05.11</b> Result: <b>06.05.11</b>								
<b>Order-Info:</b>									
Customer/ No.: <b>igus</b>									
Series / No: <b>E4.801.10</b>	Installation type: _____								
Goal: How strong are the fixed mounting brackets of series E4.80									
<b>Technical data</b>	<b>Series data</b>								
Length [links] or [m]: <b>1 meter</b>	Mat.-No.: -								
Additional load [kg/m]: -	Prod.-date: -								
Chain weight [kg/m]: <b>6,25 kg</b>	Origin: <input type="checkbox"/> Stock <input checked="" type="checkbox"/> Production <input type="checkbox"/> Customer								
Temperature [°C]: <b>20</b>	- Other: _____								
a acceleration [m/sec <sup>2</sup> ]: -	tempered <input type="checkbox"/> No <input type="checkbox"/> Yes								
Mounting brackets: <b>E4.801.20.2.12</b>	conditioned <input type="checkbox"/> No <input type="checkbox"/> Yes								
Filling (Sketch-No.): -	- moisture absorption [%]								
<table border="1"> <thead> <tr> <th>Cycles</th> <th>v Speed [m/s]</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	Cycles	v Speed [m/s]							Remark: _____
Cycles	v Speed [m/s]								

**Experimental setup (Sketch, Photo ...)**



<b>Investigational procedure</b>		
From: <b>05.05.2011</b>	To: <b>06.05.2011</b>	Examiner: <b>Philip Howold</b>

## Result

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Report: Sheets

## Evaluation

**The connection between the fixed mounting brackets and the first chains links broke at a bending moment of more than 900Nm. This value will be hardly reached in real applications with lateral accelerations.**

Name: **howold**

Date: 06.05.2011