



Süther & Schön GmbH  
Bonifaciusring 18  
45309 Essen

**Chair of Machine Parts and  
Materials Handling**

Building IB 1/127  
Universitätsstraße 150, 44801 Bochum

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<b>Type testing according to EN 13411 - 7 on symmetric wedge sockets</b>			
<b>Part 1 (2) 6.2.2 efficiency test on ropetermination</b>			
Company:		Süther & Schön GmbH	
<b>rope</b>			
Ø	construction	minimum breaking force	
7,5 mm	TEPE 8 x 19 Seale -IWRC 1960 N/mm <sup>2</sup>	39,2 kN	
wedge socket:		<b>G280</b>	
	socket body	wedge	pin
item no	KK1 0407 00 000 148	K00 0407 00 000 148	B01 0407 00 000 148
material	G 20 Mn5 N	A 380	9SMn28K
<b>statical tensile efficiency test</b>			
no	measured breaking force Fw [kN]	Fw/Fmin [%]	
50 /12	35,31	90,08	
51 /12	33,80	86,22	
result	In the tensile efficiency test (6.2.2), the samples fulfill the requirements (5.4.2). There are no visible disadvantages on socket body, wedge and pin.		

Dipl. Ing. A. vom Hofe

08 November 2012

(valid with signature)

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APPROACHE Underground: U35 | Car: A43, departure (19) Bochum Witten

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