

Süther & Schön GmbH  
Bonifaciusring 18  
45309 Essen

**Chair of Machine Parts and  
Materials Handling**

Building IB 1/127  
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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
4,0 mm	4mm 6x19W-WSC Flex Core 1,3% nozn 2300 sZ PAWO geschm.		14,4 kN
Wedge Socket:		NG 5 11/02	
	socket body	wedge	pin
item no	SS1 0405 00 000 315	K01 0405 00 000 315	B01 0405 00 000 315
material	S 235	GE 240	C 40 E
<b>Statical tensile efficiency test</b>			
no	measured breaking force Fw [kN]	Fw/Fmin [%]	
7 /11	13,71	95,21	
8 /11	13,76	95,56	
result	In the tensile efficiency test (6.2.2), the samples fulfill the requirements (5.4.2). The samples yielded by breaking of strands at the entry of the socket body. Socket body and wedge do not exhibit visible cracks.		



Prof. Dr.-Ing. G. Wagner  
26 September 2011