



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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Type testing according to EN 13411 - 7 on symmetric wedge sockets			
Part 1 (2) 6.2.2 efficiency test on ropetermination			
Company:		Süther & Schön GmbH	
Rope			
Ø	construction	minimum breaking force	
16,0 mm	DRAKO 250TPC 16,0 PWRC 1770 U sZ	214,0 kN	
Wedge Socket:		NG17	
	socket body	wedge	pin
item no	SS1 1517 00 000 315	K01 1517 00 000 315	B01 1517 00 000 315
material	S235J2	GE 240	C 40 E
Statical tensile efficiency test			
no	measured breaking force Fw [kN]	Fw/Fmin [%]	
13 /12	206,54	96,51	
14 /12	205,69	96,12	
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.		

Prof. em. Dr.-Ing. G. Wagner  
19 April 2012

(valid with signature)

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