



Süther & Schön GmbH
Bonifaciusring 18
45309 Essen

Chair of Machine Parts and
Materials Handling

Building IB 1/127
Universitätsstraße 150, 44801 Bochum

PROF. DR.-ING. GERHARD WAGNER

Fon +49 (0)234/32-28723
Fax +49 (0)234/32-14161
sekretariat@lmf.rub.de

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	
5,0 mm	DRAKO 6x19W 5,0 FC 1770 B sZ	14,6 kN	
Wedge Socket:		NG 5	
	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
Statical tensile efficiency test			
no	measured breaking force Fw [kN]	Fw/Fmin [%]	
15 /11	16,21	111,03	
16 /11	15,79	108,15	
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
10 May 2011