



Süther & Schön GmbH
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45309 Essen

**Chair of Machine Parts and
Materials Handling**

Building IB 1/127
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Type testing according to EN 13411 - 7 on symmetric wedge sockets			
Part 2 (2) 6.2.3 dynamic test			
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
Dynamic fatigue test			
no	lower load $F_u = 0,15 * F_{min}$ [kN]	upper load $F_o = 0,3 * F_{min}$ [kN]	load cycles
17 /11	2,19	4,38	75.000
result	The 2 type test samples bear the dynamic fatigue test (6.2.4) without visible cracks on body, wedge and bolt (enclosure).		

Prof. Dr.-Ing. G. Wagner

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