



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	
11,0 mm	Wolf PAWO 819 W 1.770N/qmm	87,0 kN	
Wedge Socket:		NG11	
	socket body	wedge	pin
item no	SS1 0911 00 000 315	K01 0911 00 000 315	B01 0911 00 000 315
material	S 235 J2 G3	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
44 /11	13,05	26,10	75.000
result	The 2 type test samples bear the dynamic fatigue test (6.2.3) without visible cracks on body, wedge and bolt (enclosure).		

Prof. Dr.-Ing. G. Wagner

30 July 2012

(valid with signature)

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

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