

Süther & Schön GmbH  
Bonifaciusring 18  
45309 Essen

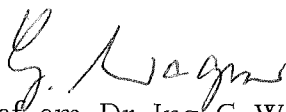
Chair of Machine Parts and  
Materials Handling

Building IB 1/127  
Universitätsstraße 150, 44801 Bochum

**PROF. DR.-ING. JAN SCHOLTEN**

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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	
14,0 mm	PAWO 836 WS 1.770 N/mm <sup>2</sup>	135,9 kN	
Wedge Socket:		NG14	
	socket body	wedge	pin
item no	SS1 1214 00 000 315	K01 1214 00 000 315	B03 1214 00 000 315
material	S235J2	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
09 /12	20,39	40,77	75.000
result	The 2 type test samples bear the dynamic fatigue test (6.2.3) without visible cracks on body, wedge and bolt. Crack test, done by Süther & Schön GmbH, shows, that there are no cracks (enclosure).		



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