

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**

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 2 (2) 6.2.3 dynamic test			
Company:		Süther & Schön GmbH	
<b>Rope</b>			
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
<b>Dynamic fatigue test</b>			
no	lower load $F_u = 0,15 * F_{min}$ [kN]	upper load $F_o = 0,3 * F_{min}$ [kN]	load cycles
15 /12	32,10	64,20	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

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(valid with signature)

ADDRESS Universitätsstraße 150 | 44801 Bochum, Germany

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

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