

Süther & Schön GmbH
Bonifaciusring 18
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) 6.2.4 dynamic test			
Company:		Süther & Schön GmbH	
Rope			
∅	construction		minimum breaking force
5,0 mm	DRAKO 6x19W 5,0 SFC 1570 U sZ		13,7 kN
Wedge Socket:		G 300	
	socket body	wedge	pin
item no	KK2 0405 00 000 148	K01 0405 00 000 148	B01 0405 00 000 148
material	G 26 Cr Mo 4 V1	GE 240	9 S Mn 28 K
Dynamic fatigue test			
no	lower load $F_u = 0,15 * F_{min}$ [kN]	upper load $F_o = 0,3 * F_{min}$ [kN]	load cycles
12 /11	2,06	4,11	75.000
result	The 2 type test samples bear the dynamic fatigue test (6.2.4) without visible cracks on body, wedge and bolt.		



Prof. Dr.-Ing. G. Wagner
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