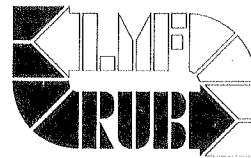




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		<b>Proof of the load capacity of a symmetrical wedge socket clevis ( welded socket body acc. DIN 15315 )</b>	
Company: Süther & Schön GmbH			
<b>Rope</b>			
Ø	Construction		Minimum breaking force
6,5 mm	DRAKO 6x19 Warr. DIN 3059 FE - bk - 1570 - sZ		23,5 kN
<b>Wedge socket Gr . 6,5</b>			
	socket body	wedge	pin
item - no	SS1 0506 00 000 315	K01 0506 00 000 315	B01 0506 00 000 315
material	St 37 - 2 DIN 17100	GTW 40 - 05 DIN 1692	9SMnPb28K
<b>Fatigue test</b>			
no.	Minimum force $F_u = 140d^2$ [N]	Maximum force $F_o = 350d^2$ [N]	Load cycles
11.03	5.915	14.788	500.000
12.03	5.915	14.788	500.000
results	The 4 socket bodies, wich were tested, withstood 500.000 load cycles.The socket bodies,wedges and pins did not exhibit visible cracks.		

Dr.-Ing. G. Kraft, AOR