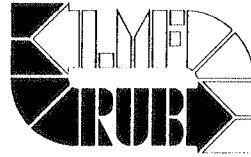




EINGEGANGEN
19. Dez. 2008



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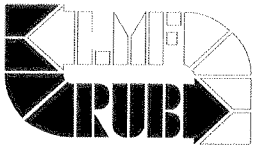
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Ruhr-Universität Bochum, D-44780 Bochum

Süther & Schön GmbH
Bonifaciusring 18
45309 Essen

May 9, 2007

		Type testing acc. DIN EN 13411 - 7 on symmetrical wedge socket clevis (welded body DIN 15315) Part 2 (2) Fatigue test	
		Company: Süther & Schön GmbH	
Rope			
Ø	Construction		Minimum breaking force F_{min} [kN]
19 mm	DRAKO 300T 19,0 IWRC 1570 U sZ		245,00
NG 20			
	socket body	wedge	pin
item-no	SS1 1820 00 000 315	K01 1820 00 000 315	B01 1820 00 000 315
material	S 235 JR	GS 45	9 S Mn Pb 28 K
Fatigue test			
no.	Minimum force $F_u = 0,15 * F_{min}$ [kN]	Maximum force $F_o = 0,3 * F_{min}$ [kN]	Load cycles
44.07	36,75	73,50	75.000
results	The 2 test samples fulfil the fatigue test (6.24) . The non destructive testing of the component parts by dye penetrant method did not exhibit visible cracks.		


Dr.-Ing. G. Kraft, AOR