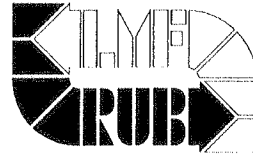




EINGEGANGEN
19. Dez. 2008



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July 23, 2008

		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]
10 mm	DRAKO 250H 10,0 IWRC 1770 U sZ		72,70
NG 11 Charge A1/08			
	socket body	wedge	pin
item-no	SS1 0911 00 000 315	K01 0911 00 000 315	B01 0911 00 000 315
material	S235J2G3	GS 45	C45
Fatigue test			
no.	Minimum force $F_u = 0,15 * F_{min}$ [kN]	Maximum force $F_o = 0,3 * F_{min}$ [kN]	Load cycles
38.08	10,91	21,81	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 visable cracks.		

Dr.-Ing. G. Kraft, AOR