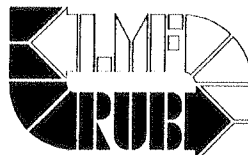


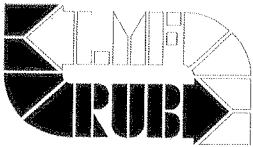
EINGEGANGEN  
19. Dez. 2008




Lehrstuhl für Maschinenelemente und Fördertechnik  
Ruhr-Universität Bochum, D-44780 Bochum

Prof. Dr.-Ing. Gerhard Wagner  
Fakultät für Maschinenbau  
Lehrstuhl für  
Maschinenelemente und Fördertechnik  
Telefon: +49 (0) 234 / 700-6722, -6723  
Telefax: +49 (0) 234 / 7094-161  
E-Mail: sekr@lmf.ruhr-uni-bochum.de  
May 9, 2007

Süther & Schön GmbH  
Bonifaciusring 18  
45309 Essen

		<b>Type testing acc. DIN EN 13411 - 7 on symmetrical wedge socket clevis (welded body DIN 15315 )</b> <b>Part 1 (2) Statical test</b>	
		<b>Company: Süther &amp; Schön GmbH</b>	
<b>Rope</b>			
∅	Construction		Minimum breaking force
19 mm	DRAKO 300T 19,0 IWRC 1570 U sZ		245,00
<b>NG 20</b>			
	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
<b>Statical tensile efficiency test</b>			
no.	Minimum breaking force $F_{min}$ [kN]	Measured breaking force $F_w$ [kN]	$F_w/F_{min}$ [%]
42.07	245,00	220,67	90,07
43.07	245,00	213,67	87,21
results	The 4 samples fulfil termination and wedge security test ( 6.22 ) and the deformation test (6.23). In the following tensile efficiency test the samples yielded by breaking of strands at the entry of the socket body. Socket body, wedge and pin do not exhibit visible cracks.		

  
Dr.-Ing. G. Kraft, AOR