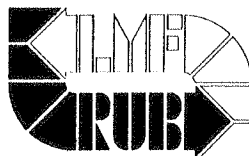




EINGEGANGEN
19. Dez. 2008



Lehrstuhl für Maschinenelemente und Fördertechnik
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Prof. Dr.-Ing. Gerhard Wagner

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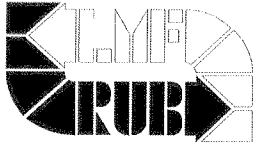
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April 3, 2008

Süther & Schön GmbH
Bonifaciusring 18
45309 Essen

		Type testing acc. DIN EN 13411 - 7 on symmetrical wedge socket clevis (welded body DIN 15315) Part 1 (2) Statical test	
		Company: Süther & Schön GmbH	
Rope			
∅	Construction		Minimum breaking force
19 mm	DRAKO 9x19-IWRC 1960 U sZ		290,00
NG 20 H1/07			
	socket body	wedge	pin
item-no	SS1 1820 00 000 315	K01 1820 00 000 315	B01 1820 00 000 315
material	Q235B	GS 45	9 S Mn 28 K
Statical tensile efficiency test			
no.	Minimum breaking force F_{min} [kN]	Measured breaking force F_w [kN]	F_w/F_{min} [%]
21.08	290,00	269,71	93,00
22.08	290,00	269,77	93,02
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