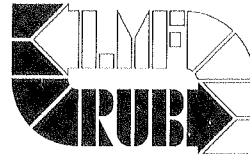




Lehrstuhl für Maschinenelemente und Fördertechnik
Ruhr-Universität Bochum, D-44780 Bochum

Süther & Schön GmbH
Bonifaciusring 18
45309 Essen



Prof. Dr.-Ing. Gerhard Wagner

Fakultät für Maschinenbau

Lehrstuhl für

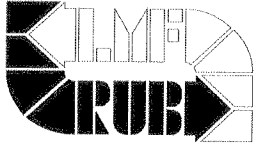
Maschinenelemente und Fördertechnik

Telefon: +49 (0) 234 / 32-26722, -28723

Telefax: +49 (0) 234 / 32-14161

E-Mail: sekretariat@lmf.ruhr-uni-bochum.de

February 14, 2008

		Type testing acc. DIN EN 13411 -6 on symmetrical wedge socket clevis (welded body DIN 15315) Part 1 (2) Statical test	
		Company: Süther & Schön GmbH	
Rope			
∅	Construction		Minimum breaking force
14 mm	DRAKO 250T 14,0 IWRC 1570 U sZ		133,00
Wedge socket NG 14 H1/07			
	socket body	wedge	pin
item-no	SS1 1214 00 000 315	K01 1214 00 000 315	B01 1214 00 000 315
material	S 235 J2G3	GS 45	Y15
Statical tensile efficiency test			
no.	Minimum breaking force F_{min} [kN]	Measured breaking force F_w [kN]	F_w/F_{min} [%]
50.07	133,00	121,20	91,13
51.07	133,00	122,07	91,78
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