



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 22049
Telefax: +49 (0) 234 / 32 14161
E-mail: sekretariat@lmf.rub.de
Internet: www.lmf.rub.de

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		Type testing acc. EN 13411 -7 on symmetric wedge socket Part 1 (2) Statical test	
Company: Süther & Schön GmbH			
Rope			
∅	Construction		Minimum breaking force [kN]
10 mm	PAWO F7S		69,5
Wedge socket NG 11 Charge 09-A1			
	socket body	wedge	screw thread
item-no	SS1 0911 00 000 315	K01 0911 00 000 315	B01 0911 00 000 315
material	S235	GS45	C45E
Statical tensile efficiency test			
no.	Minimum breaking force F_{min} [kN]	Measured breaking force F_w [kN]	F_w/F_{min} [%]
16.09	69,5	65,15	93,74
17.09	69,5	63,75	91,73
results	The 4 samples fulfil termination and wedge security test (6.2.4).In the following tensile efficiency test (6.2.2) the samples yielded by breaking of strands at the entry of the socket body. Socket body and wedge do not exhibit visible cracks.		

Prof. Dr.-Ing. G. Wagner