




Lehrstuhl für Maschinenelemente und Fördertechnik
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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]	
13 mm	PAWO F7S bk	116,00	
Wedge socket NG 14 Charge W1-09			
	socket body	wedge	screw thread
item-no	SS1 1214 00 000 315	K01 1214 00 000 315	B01 1214 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} [%]
13.09	116,00	107,53	92,70
14.09	116,00	107,88	93,00
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.		


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