



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]	
8 mm	PAWO F7S Ø8	44,6	
Wedge socket NG 8 Charge H1-09			
	Socket body	wedge	bolt
item-no	SS1 0608 00 000 315	K01 0608 00 000 315	B01 0608 00 000 315
material	S235	GS45	C45E
Static breaking test			
no	Minimum breaking force F_{min} [kN]	Measured breaking force F_w [kN]	F_w/F_{min} [%]
04.09	44,6	42,12	94,44
05.09	44,6	44,05	98,77
results	The 4 samples fulfil termination and wedge security test (6.2.4). In following tensile efficiency test (6.2.2) the samples yielded by breaking of strands at the entry of the socket body. Socked body and wedge do not exhibit visible cracks.		

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