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		Proof of the load capacity of asymmetric wedge socket clevis (according to DIN 43148)	
Company: Süther & Schön GmbH			
Rope			
Ø	Construction		Minimum breaking force
19 mm	CASAR EUROLIFT - bk - 2160 zZ		352.800 N
Wedge socket Gr. 550			
	socket body	wedge	pin
item - no.	KK2 1920 00 000 148	K02 1920 00 000 148	B01 1620 00 000 148
material	GS 26 CrMo4V1	GTW 40 - 05	42 CrMo4V
Statical breaking test			
no.	Minimum breaking force F_{min} [kN]	Measured breaking force F_w [kN]	F_w / F_{min} [%]
98.93	352,80	296,30	83,99
Result	The test samples yielded by breaking of strands at the entry of the socket body. Socket body, wedge and pin do not exhibit visible cracks.		

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