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March 23, 2007

	Type testing acc. DIN EN 13411 -6 on casted asymmetric wedge socket Part 1 (2) Statical test

Company: **Süther & Schön GmbH**			
Rope			
∅	Construction		Minimum breaking force
30 mm	CASAR Eurolift (1960 N/mm^2)		817,40
NG 700			
	socket body	wedge	pin
item-no.	KK2 2732 00 000 148	K02 2732 00 000 148	B01 2732 00 000 148
new item-no.	KK2 2730 00 000 411	K02 2732 00 000 411	B01 2732 00 000 148
material	GS 26 CrMo 4V1	GS 45	42 CrMo4 V
Statical tensile effiency test			
no.	Minimum breaking force F_{min} [kN]	Measured breaking force F_w [kN]	F_w/F_{min} [%]
139.06	817,40	679,40	83,12
140.06	817,40	662,70	81,07
results	The 4 samples fulfil termination and wedge security test (6.22) and the deformation test (6.23).In the following tensile effiency 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.		

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