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

Company: **Süther & Schön GmbH**

Rope

∅	Construction	Minimum breaking force [kN]
10 mm	CASAR Paraplast (2160 N/mm^2)	100,70

G 350 GS

	socket body	wedge	pin
item-no.	KK3 0608 00 000 148	K02 0800 00 000 148	B03 0607 00 000 148
new item-no.	KK3 0610 00 000 411	K02 0800 00 000 148	B03 0607 00 000 148
material	GS 26 CrMo 4V	GS 45	Cq 45 heat treated to 10.9

Statical tensile effiency test

no.	Minimum breaking force F_{min} [kN]	Measured breaking force F_w [kN]	F_w/F_{min} [%]
55b.05	100,70	93,35	92,70
56b.05	100,70	92,30	91,66
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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