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Type testing of terminations for steel wire ropes			
Termination	Type	Symmetric wedge socket similar to DIN EN 13411-7	
	Name	rope socket NG 30	
Standard	DIN EN 13411-7		
Chapter	Fatigue test		
Client	Süther & Schön GmbH		
Rope			
Width	Denomination	Min. breaking force F_{min}	
30 mm	CASAR Eurolift LEB 1960 U ZZ 000	817.40 kN	
Termination			
	Socket body	Wedge	Pin
Item No.	SS1 2630 00 000 315	K01 2630 00 000 315	B01 2630 00 000 315
Material	GS26CrMo4	GE 240	S355J2
Fatigue test			
Nr.	Min. cycle force = $0.15 \cdot F_{min}$	Max. cycle force = $0.3 \cdot F_{min}$	Load cycles
12/23	122.61 kN	245.22 kN	75,000
Annotation	The test was in accordance with DIN EN 13411-7.		
Result	The fatigue test (6.2.3) did not lead to any signs of permanent deformations or indications of cracks. The crack test was carried out by Süther & Schön GmbH (annex). Hence the samples meet the requirements of 5.4.3 and the test has been passed.		

(nur mit Unterschrift gültig)


Dr.-Ing. Jochen Höhbusch