



Süther & Schön GmbH  
Bonifaciusring 18  
45309 Essen

RESEARCH GROUP CONSTRUCTION  
MACHINES AND MATERIALS HANDLING  
Building IC 1/85  
Universitätsstraße 150, 44801 Bochum

PROF. DR.-ING. JAN SCHOLTEN  
Fon +49 (0)234/32-28723  
Fax +49 (0)234/32-14161  
sekretariat@bmftrub.de

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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	6.2.2 Tensile efficiency 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
Tensile efficiency test			
No.	Breaking force $F_w$	Termination efficiency $F_w/F_{min}$	
11/23	613,59 kN	75,07 %	
11a/23	629,78 kN	77,05 %	
Annotation	The test was in accordance with DIN EN 13411-7.		
Result	The tensile efficiency test (6.2.2) showed that none of the samples obtained the required termination efficiency of 80% (5.4.2). Hence the test has not been passed.		

(valid only if signed)

  
Dr.-Ing. Jochen Höhbusch