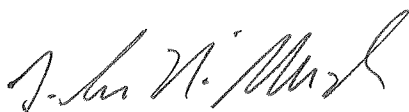


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Type testing of symmetric wedge sockets			
Standard	according to DIN EN 13411-7		
Chapter	6.2.3 Fatigue test		
Client	Süther & Schön GmbH		
Wedge socket	Rope socket NG8		
Rope			
Diameter	Denomination	Min. breaking force F_{min}	
8,1 mm	8.1mm CTP-Brugg, sZ, IWRC, 2800/2600 N/mm ²	33,56 kN	
Wedge socket			
	Socket body	Wedge	Pin
Item no.	SS1 0608 00 000 315	K00 0608 00 000 315	B01 0608 00 000 315
Material	S235	GE 240	C45E
Fatigue test			
No.	Min. cycle force = $0,15 \cdot F_{min}$	Max. cycle force = $0,3 \cdot F_{min}$	Load cycles
58/13	5,03 kN	10,07 kN	75.000
Annotation	With the exception of the following points the test was in accordance with DIN EN 13411-7: No crack test.		
Result	The fatigue test (6.2.3) did not lead to any signs of permanent deformations or indications of cracks		



Dipl. Ing. J. Höhbusch
25 March 2014