

Süther & Schön GmbH
Bonifaciusring 18
45309 Essen

Type testing of non-standardised wedge sockets			
Standard	based on DIN EN 13411-6		
Chapter	6.2.5 Tensile efficiency test		
Client	Süther & Schön GmbH		
Wedge socket	wedge socket NG 14.45		
Rope			
Diameter	Denomination	Min. breaking force F_{min}	
8,1 mm	Brugg CTP8.1 G2	33.50 kN	
Wedge socket			
	Socket body	Wedge	Threaded rod
Item no.	KG1 0608 00 000 SSN	K00 0608 00 000 SSN	GS1 0010 00 XXX SSN
Material	G 20 Mn 5	AlSi9Cu3	8.8
Tensile efficiency test			
No.	Breaking force F_w	Termination efficiency F_w/F_{min}	
54/18	29.82 kN	89.01 %	
55/18	29.26 kN	87.34 %	
Annotation	The test was in accordance with DIN EN 13411-6.		
Result	The tensile efficiency test (6.2.5) showed that both samples obtained the required termination efficiency of 80% (5.3.4). Hence the test has been passed.		

(valid only if signed)

M.Sc. Milan Peschkes
24 August 2018