

Süther & Schön GmbH
Bonifaciusring 18
45309 Essen

Type testing of non-standardised wedge sockets			
Standard	based on DIN EN 13411-6		
Chapter	6.2.4 Fatigue test		
Client	Süther & Schön GmbH		
Wedge socket	belt socket NG 75 short		
Belt			
Width	Denomination		Min. breaking force F_{min}
75,0 mm	XHP II		110.40 kN
Wedge socket			
	Socket body	Wedge	Pin
Item no.	RG1 0075 KA 000 SSN	K00 0075 00 KA 000 SSN	B01 0075 KA 000 SSN
Material	G20Mn5N	AlSiCu3	8.8
Fatigue test			
No.	Min. cycle force = $0.15 \cdot F_{min}$	Max. cycle force = $0.3 \cdot F_{min}$	Load cycles
20/17	16.56 kN	33.12 kN	75,000
Annotation	The test was in accordance with DIN EN 13411-6.		
Result	The fatigue test (6.2.4) 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 5.3.3 and the test has been passed.		

Dipl.-Ing. Jochen Höhbusch

17 October 2017

(valid only if signed)