

Süther & Schön GmbH  
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Research Group for Off-Road Machines

Building IB 1/127  
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Type testing comparable to EN 13411 - 6 on belt sockets			
Part 1 (2) 6.2.5 efficiency test on belttermination			
Company:		Süther & Schön GmbH	
Belt			
size	name		minimum breaking force
75 mm	XHPII		110,4 kN
Belt Socket:		NG75	
	socket body	wedge	pin
item no	RG1 0075 00 000 SSN	K00 0075 00 000 SSN	B01 0075 00 000 SSN
material	G 20 Mn5 N	226 D EN AC AlSi9Cu3 (Fe)	quality 8.8
statical tensile efficiency test			
no	measured breaking force Fw [kN]		Fw/Fmin [%]
38 /13	112,30		101,72
39 /13	108,65		98,41
result	In the tensile efficiency test (6.2.5), the samples fulfill the requirements (5.3.4) that efficiency hast to be more than 80%.		

  
Dipl.-Ing. J. Höhbusch

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APPROACHE Underground: U35 | Car: A43, departure (19) Bochum Witten

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