

Süther & Schön GmbH
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Research Group for Off-Road Machines

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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
60,0 mm	XHP II		92,0 kN
belt socket:		NG 60	
	socket body	wedge	pin
item no	RG1 0060 00 000 SSN	K00 0060 00 000 SSN	B01 0060 00 000 SSN
material	G20Mn5N	AlSi9Cu3	quality 8.8
statical tensile efficiency test			
no	measured breaking force Fw [kN]		Fw/Fmin [%]
32 /13	83,62		90,89
33 /13	80,54		87,54
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. A. vom Hofe

29 May 2013

(valid with signature)

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