



Süther & Schön GmbH
Bonifaciusring 18
45309 Essen

RESEARCH GROUP CONSTRUCTION
MACHINES AND MATERIALS HANDLING
Building IC 1/85
Universitätsstraße 150, 44801 Bochum

PROF. DR.-ING. JAN SCHOLTEN
Fon +49 (0)234/32-28723
Fax +49 (0)234/32-14161
sekretariat@bmft.rub.de

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Type testing of terminations for polymer belts with steel-wire cords			
Termination	Type	Asymmetric wedge socket similar to DIN EN 13411-6	
	Name	belt socket RG 75	
Standard	DIN EN 13411-6		
Chapter	6.2.5 Tensile efficiency test		
Client	Süther & Schön GmbH		
Belt			
Width	Denomination	Min. breaking force F_{min}	
75 mm	XHS II	209.00 kN	
Termination			
	Socket body	Wedge	Pin
Item No.	RG1 0075 00 000 SSN	K00 0075 00 000 SSN	B01 0075 00 000 SSN
Material	G 20 Mn 5 N	AlSi9Cu3	8.8
Tensile efficiency test			
No.	Breaking force F_w	Termination efficiency F_w/F_{min}	
21/22	197,30 kN	94,40 %	
22/22	207,27 kN	99,17 %	
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)


Dr.-Ing. Jochen Höhbusch