



Süther & Schön GmbH
Bonifaciusring 18
45309 Essen

Chair of Machine Parts and
Materials Handling

Building IB 1/127
Universitätsstraße 150, 44801 Bochum

PROF. DR.-ING. JAN SCHOLTEN

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Type testing comparable to EN 13411 - 6 on non-standad size wedge sockets			
Part 1 (2) 6.2.5 efficiency test on ropetermination			
Company:		Süther & Schön GmbH	
Rope			
Ø	construction		minimum breaking force
8,0 mm	PAWO 819 W Seil+SE		46,0 kN
Wedge Socket:		G14.45GS	
	socket body	wedge	threadrod
item no	KG1 0608 00 000 SSN	K00 0608 00 000 SSN	GS1 0010 00 XXX XXX
material	G 20 Mn 5	GD-AlSi9Cu3	quality 8.8
Statical tensile efficiency test			
no	measured breaking force Fw [kN]		Fw/Fmin [%]
47 /12	44,59		96,93
48 /12	44,25		96,20
result	In the tensile efficiency test (6.2.5), the samples fulfill the requirements (5.3.4).		

Dipl. Ing. A. vom Hofe

08 January 2013

(valid with signature)

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