

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**

Fon +49 (0)234/32-28723  
Fax +49 (0)234/32-14161  
sekretariat@lmf.rub.de

Type testing according to EN 13411 - 6 on asymmetric wedge sockets			
Part 1 (2) 6.2.5 efficiency test on ropetermination			
Company:		Süther & Schön GmbH	
Rope			
Ø	construction	minimum breaking force	
12,0 mm	PAWO 819 W 1.770 N/mm <sup>2</sup>	107,0 kN	
Wedge Socket:		G400 GS	
	socket body	wedge	pin
item no	KK3 1112 00 000 411	K02 0800 00 000 148	B03 1012 00 000 148
material	G 26 Cr Mo 4 V 1	GE 240	42 Cr Mo S 4 QT
Statical tensile efficiency test			
no	measured breaking force Fw [kN]	Fw/Fmin [%]	
10 /12	96,68	90,36	
11 /12	96,85	90,51	
result	In the tensile efficiency test (6.2.5), the samples fulfill the requirements (5.3.4).		

  
Prof. em. Dr.-Ing. G. Wagner  
19 April 2012

(valid with signature)

ADDRESS Universitätsstraße 150 | 44801 Bochum, Germany

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