



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 - 7 on symmetric wedge sockets			
Part 1 (2) 6.2.2 efficiency test on ropetermination			
Company:		Süther & Schön GmbH	
Rope			
Ø	construction	minimum breaking force	
14,0 mm	PAWO 836 WS 1.770 N/mm ²	135,9 kN	
Wedge Socket:		NG14	
	socket body	wedge	pin
item no	SS1 1214 00 000 315	K01 1214 00 000 315	B03 1214 00 000 315
material	S235J2	GE 240	C 40 E
Statical tensile efficiency test			
no	measured breaking force Fw [kN]	Fw/Fmin [%]	
07 /12	123,63	90,97	
08 /12	128,25	94,37	
result	In the tensile efficiency test (6.2.2), the samples fulfill the requirements (5.4.2). There are no visible disadvantages on socket body, wedge and pin.		

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