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Chair of Machine Parts and  
Materials Handling

Building IB 1/127  
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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
5,0 mm	DRAKO 6x19W 5,0 SFC 1570 U sZ		13,7 kN
Wedge Socket: G 300			
	socket body	wedge	pin
item no	KK2 0405 00 000 148	K01 0405 00 000 148	B01 0405 00 000 148
material	G 26 Cr Mo 4 V1	GE 240	9 S Mn 28 K
Statical tensile efficiency test			
no	measured breaking force Fw [kN]	Fw/Fmin [%]	
10 /11	11,05	80,66	
11 /11	12,91	94,23	
result	In the tensile efficiency test (6.2.5), the samples fulfill the requirements. The samples yielded by breaking of strands at the entry of the socket body.		



Prof. Dr.-Ing. G. Wagner

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