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<b>Type testing acc. EN 13411 -7 on symmetric wedge socket part 1 (2) statical test</b>			
Company: <b>Süther &amp; Schön GmbH</b>			
<b>Rope</b>			
Ø	Construction		Minimum breaking force [kN]
16,0 mm	PAWO F7S		176,10
<b>Wedge socket: NG 17</b>			
	socket body	wedge	screw thread
item-no	SSI 1517 00 000 315	KOI 1517 00 000 315	BOI 1517 00 000 315
material	S235	GE240	C45E
<b>Statical tensile efficiency test</b>			
no.	Minimum breaking force $F_{min}$ [kN]	Measured breaking force $F_w$ [kN]	$F_w/F_{min}$ [%]
67.09	176,10	165,06	93,73
68.09	176,10	165,94	94,23
results	In the tensile efficiency test (6.2.5), the samples fulfill the requirements (5.3.4). The samples yielded by breaking of strands at the entry of the socket body. Socket body and wedge do not exhibit visible cracks.		

  
Prof. Dr.-Ing. G. Wagner