

Süther & Schön GmbH
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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 - 7 on symmetric wedge sockets | | | |
|--|---|---------------------------------------|---------------------|
| Part 2 (2) 6.2.3 dynamic test | | | |
| Company: | | Süther & Schön GmbH | |
| Rope | | | |
| Ø | construction | minimum breaking force | |
| 5,0 mm | 8x19s sZ IWRC | 22,0 kN | |
| Wedge Socket: | | NG 6,5 10-J2 | |
| | socket body | wedge | pin |
| item no | SS1 0506 00 000 315 | K01 0506 00 000 315 | B01 0506 00 000 315 |
| material | S 235 | GE 240 | C 40 E |
| Dynamic fatigue test | | | |
| no | lower load $F_u = 0,15 * F_{min}$ [kN] | upper load $F_o = 0,3 * F_{min}$ [kN] | load cycles |
| 32 /11 | 3,30 | 6,60 | 75.000 |
| result | The 2 type test samples bear the dynamic fatigue test (6.2.3) without visible cracks on body, wedge and bolt (enclosure). | | |



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