

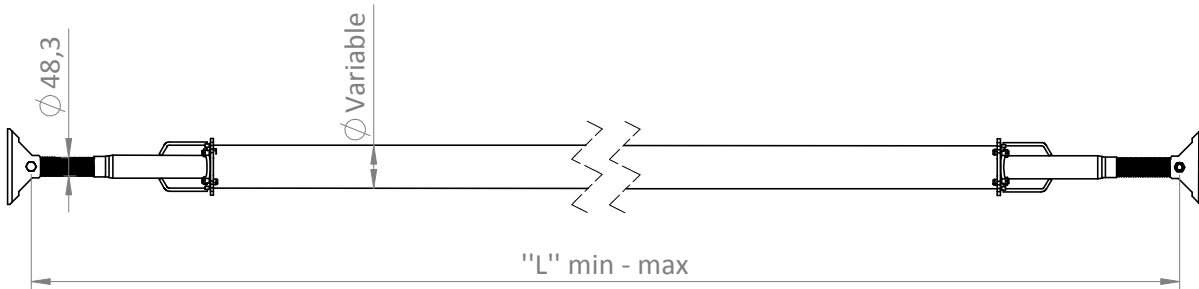
Product Datasheet

System Push-Pull prop

page 1 / 2

Item Push-pull prop 48RL

Application The 48RL variable-angle props are so-called 'spindle struts' that are used for shoring various elements and collumns.



The props can be subjected to tensile and compression force.



| Product number | Description | Adjustable length "L" min-max (mm) | Weight (kg) |
|----------------|----------------------|------------------------------------|-------------|
| E01RL0007 | Turnbuckle 48 RL 400 | 2588-4010 | 26,9 |
| E01RL0049 | Turnbuckle 48 RL 600 | 4456-5897 | 41,0 |
| E01RL0011 | Turnbuckle 48 RL 800 | 6422-7844 | 66,0 |

Surface treatment: Hot dip galvanized

Product Datasheet

Item Push-pull prop 48RL

page 2 / 2

Load table for 48RL Push-Pull prop

| Prop type | 48RL-400 | 48RL-600 | 48RL800 |
|--------------|-----------|-----------|-----------|
| Product no: | E01RL0007 | E01RL0049 | E01RL0011 |
| Weight (kg): | 26,9 | 41,0 | 66,0 |
| Length (L) | | | |
| (mm) | Fmax (kN) | Fmax (kN) | Fmax (kN) |
| 2600 | 43,7 | | |
| 2700 | 43,7 | | |
| 2800 | 43,7 | | |
| 2900 | 43,7 | | |
| 3000 | 43,7 | | |
| 3100 | 41,7 | | |
| 3200 | 38,3 | | |
| 3300 | 35,6 | | |
| 3400 | 32,9 | | |
| 3500 | 30,0 | | |
| 3600 | 28,0 | | |
| 3700 | 26,0 | | |
| 3800 | 24,5 | | |
| 3900 | 22,2 | | |
| 4000 | 21,0 | | |
| 4500 | | 42,5 | |
| 4600 | | 40,5 | |
| 4700 | | 39,0 | |
| 4800 | | 37,0 | |
| 4900 | | 35,0 | |
| 5000 | | 32,5 | |
| 5100 | | 31,5 | |
| 5200 | | 30,0 | |
| 5300 | | 28,0 | |
| 5400 | | 26,7 | |
| 5500 | | 25,0 | |
| 5600 | | 23,3 | |
| 5700 | | 21,7 | |
| 5800 | | 20,0 | |
| 5900 | | 17,9 | |
| 6400 | | | 36,2 |
| 6500 | | | 36,0 |
| 6600 | | | 35,8 |
| 6700 | | | 33,3 |
| 6800 | | | 31,2 |
| 6900 | | | 30,0 |
| 7000 | | | 28,3 |
| 7100 | | | 27,1 |
| 7200 | | | 25,8 |
| 7300 | | | 24,6 |
| 7400 | | | 22,9 |
| 7500 | | | 21,7 |
| 7600 | | | 20,4 |
| 7700 | | | 19,2 |
| 7800 | | | 17,6 |

Maximum tensile load at adjustment angle of 45° is 34,0kN
 Maximum tensile load at adjustment angle of 60° is 12,0kN
 For maximum loads at other adjustment angles: consult technical department.

SWL based on EN1065 with factor of safety 1,65 on yield.