







mm*     Zoll     lb/ft¹     kg/ft¹     1960     2160       13     0.57     0.26     18.7     19.4       14     0.66     0.3     21.6     22.5       15     0.76     0.34     24.8     25.9       16     5/8     0.86     0.39     28.3     29.4       17     0.97     0.44     31.9     33.2       18     1.09     0.49     35.8     37.2       19     3/4     1.22     0.55     39.8     41.5       20     1.35     0.61     44.2     46       21     1.48     0.67     48.7     50.7       22     1.63     0.74     53.4     55.6       22.4     1.69     0.77     55.4     57.7       23     1.78     0.81     58.4     60.8       24     1.94     0.88     63.6     66.2       25     2.1     0.95     69     71.8       25.4     1     2.17	Seilnenn- durchmesser		Längen- gewicht ca.		Mindestbruchkraft tons¹ (2000 lbs)	
13     0.57     0.26     18.7     19.4       14     0.66     0.3     21.6     22.5       15     0.76     0.34     24.8     25.9       16     5/8     0.86     0.39     28.3     29.4       17     0.97     0.44     31.9     33.2       18     1.09     0.49     35.8     37.2       19     3/4     1.22     0.55     39.8     41.5       20     1.35     0.61     44.2     46       21     1.48     0.67     48.7     50.7       22     1.63     0.74     53.4     55.6       22.4     1.69     0.77     55.4     57.7       23     1.78     0.81     58.4     60.8       24     1.94     0.88     63.6     66.2       25     2.1     0.95     69     71.8       25.4     1     2.17     0.99     71.2     74.2       26     2.28     1.03					Seilfestigkeitsklasse	
14     0.66     0.3     21.6     22.5       15     0.76     0.34     24.8     25.9       16     5/8     0.86     0.39     28.3     29.4       17     0.97     0.44     31.9     33.2       18     1.09     0.49     35.8     37.2       19     3/4     1.22     0.55     39.8     41.5       20     1.35     0.61     44.2     46       21     1.48     0.67     48.7     50.7       22     1.63     0.74     53.4     55.6       22.4     1.69     0.77     55.4     57.7       23     1.78     0.81     58.4     60.8       24     1.94     0.88     63.6     66.2       25     2.1     0.95     69     71.8       25.4     1     2.17     0.99     71.2     74.2       26     2.28     1.03     74.6     77.7       27     2.45     1.11	mm*	Zoll	lb/ft¹	kg/ft¹	1960	2160
15     0.76     0.34     24.8     25.9       16     5/8     0.86     0.39     28.3     29.4       17     0.97     0.44     31.9     33.2       18     1.09     0.49     35.8     37.2       19     3/4     1.22     0.55     39.8     41.5       20     1.35     0.61     44.2     46       21     1.48     0.67     48.7     50.7       22     1.63     0.74     53.4     55.6       22.4     1.69     0.77     55.4     57.7       23     1.78     0.81     58.4     60.8       24     1.94     0.88     63.6     66.2       25     2.1     0.95     69     71.8       25.4     1     2.17     0.99     71.2     74.2       26     2.28     1.03     74.6     77.7       27     2.45     1.11     80.5     83.8       28     2.64     1.2	13		0.57	0.26	18.7	19.4
16     5/8     0.86     0.39     28.3     29.4       17     0.97     0.44     31.9     33.2       18     1.09     0.49     35.8     37.2       19     3/4     1.22     0.55     39.8     41.5       20     1.35     0.61     44.2     46       21     1.48     0.67     48.7     50.7       22     1.63     0.74     53.4     55.6       22.4     1.69     0.77     55.4     57.7       23     1.78     0.81     58.4     60.8       24     1.94     0.88     63.6     66.2       25     2.1     0.95     69     71.8       25.4     1     2.17     0.99     71.2     74.2       26     2.28     1.03     74.6     77.7       27     2.45     1.11     80.5     83.8       28     2.64     1.2     86.5     90.1       29     2.83     1.28	14		0.66	0.3	21.6	22.5
17     0.97     0.44     31.9     33.2       18     1.09     0.49     35.8     37.2       19     3/4     1.22     0.55     39.8     41.5       20     1.35     0.61     44.2     46       21     1.48     0.67     48.7     50.7       22     1.63     0.74     53.4     55.6       22.4     1.69     0.77     55.4     57.7       23     1.78     0.81     58.4     60.8       24     1.94     0.88     63.6     66.2       25     2.1     0.95     69     71.8       25.4     1     2.17     0.99     71.2     74.2       26     2.28     1.03     74.6     77.7       27     2.45     1.11     80.5     83.8       28     2.64     1.2     86.5     90.1       29     2.83     1.28     92.8     96.7       30     3.03     1.37     99.3	15		0.76	0.34	24.8	25.9
18     1.09     0.49     35.8     37.2       19     3/4     1.22     0.55     39.8     41.5       20     1.35     0.61     44.2     46       21     1.48     0.67     48.7     50.7       22     1.63     0.74     53.4     55.6       22.4     1.69     0.77     55.4     57.7       23     1.78     0.81     58.4     60.8       24     1.94     0.88     63.6     66.2       25     2.1     0.95     69     71.8       25.4     1     2.17     0.99     71.2     74.2       26     2.28     1.03     74.6     77.7       27     2.45     1.11     80.5     83.8       28     2.64     1.2     86.5     90.1       28.6     1-1/8     2.75     1.25     90.3     94       29     2.83     1.28     92.8     96.7       30     3.03     1.37	16	5/8	0.86	0.39	28.3	29.4
19     3/4     1.22     0.55     39.8     41.5       20     1.35     0.61     44.2     46       21     1.48     0.67     48.7     50.7       22     1.63     0.74     53.4     55.6       22.4     1.69     0.77     55.4     57.7       23     1.78     0.81     58.4     60.8       24     1.94     0.88     63.6     66.2       25     2.1     0.95     69     71.8       25.4     1     2.17     0.99     71.2     74.2       26     2.28     1.03     74.6     77.7       27     2.45     1.11     80.5     83.8       28     2.64     1.2     86.5     90.1       28.6     1-1/8     2.75     1.25     90.3     94       29     2.83     1.28     92.8     96.7       30     3.03     1.37     99.3     103.4       31     3.24     1.47	17		0.97	0.44	31.9	33.2
20     1.35     0.61     44.2     46       21     1.48     0.67     48.7     50.7       22     1.63     0.74     53.4     55.6       22.4     1.69     0.77     55.4     57.7       23     1.78     0.81     58.4     60.8       24     1.94     0.88     63.6     66.2       25     2.1     0.95     69     71.8       25.4     1     2.17     0.99     71.2     74.2       26     2.28     1.03     74.6     77.7       27     2.45     1.11     80.5     83.8       28     2.64     1.2     86.5     90.1       28.6     1-1/8     2.75     1.25     90.3     94       29     2.83     1.28     92.8     96.7       30     3.03     1.37     99.3     103.4       31     3.24     1.47     106.1     110.5       32     1-1/4     3.45     1.56	18		1.09	0.49	35.8	37.2
21     1.48     0.67     48.7     50.7       22     1.63     0.74     53.4     55.6       22.4     1.69     0.77     55.4     57.7       23     1.78     0.81     58.4     60.8       24     1.94     0.88     63.6     66.2       25     2.1     0.95     69     71.8       25.4     1     2.17     0.99     71.2     74.2       26     2.28     1.03     74.6     77.7       27     2.45     1.11     80.5     83.8       28     2.64     1.2     86.5     90.1       28.6     1-1/8     2.75     1.25     90.3     94       29     2.83     1.28     92.8     96.7       30     3.03     1.37     99.3     103.4       31     3.24     1.47     106.1     110.5       32     1-1/4     3.45     1.56     113     117.7       33     3.67     1.66 <td>19</td> <td>3/4</td> <td>1.22</td> <td>0.55</td> <td>39.8</td> <td>41.5</td>	19	3/4	1.22	0.55	39.8	41.5
22     1.63     0.74     53.4     55.6       22.4     1.69     0.77     55.4     57.7       23     1.78     0.81     58.4     60.8       24     1.94     0.88     63.6     66.2       25     2.1     0.95     69     71.8       25.4     1     2.17     0.99     71.2     74.2       26     2.28     1.03     74.6     77.7       27     2.45     1.11     80.5     83.8       28     2.64     1.2     86.5     90.1       28.6     1-1/8     2.75     1.25     90.3     94       29     2.83     1.28     92.8     96.7       30     3.03     1.37     99.3     103.4       31     3.24     1.47     106.1     110.5       32     1-1/4     3.45     1.56     113     117.7       33     3.67     1.66     120.2     125.2       34     3.89     1.77 </td <td>20</td> <td></td> <td>1.35</td> <td>0.61</td> <td>44.2</td> <td>46</td>	20		1.35	0.61	44.2	46
22.4     1.69     0.77     55.4     57.7       23     1.78     0.81     58.4     60.8       24     1.94     0.88     63.6     66.2       25     2.1     0.95     69     71.8       25.4     1     2.17     0.99     71.2     74.2       26     2.28     1.03     74.6     77.7       27     2.45     1.11     80.5     83.8       28     2.64     1.2     86.5     90.1       28.6     1-1/8     2.75     1.25     90.3     94       29     2.83     1.28     92.8     96.7       30     3.03     1.37     99.3     103.4       31     3.24     1.47     106.1     110.5       32     1-1/4     3.45     1.56     113     117.7       33     3.67     1.66     120.2     125.2       34     3.89     1.77     127.6     132.9       35     1-3/8     4.1	21		1.48	0.67	48.7	50.7
23     1.78     0.81     58.4     60.8       24     1.94     0.88     63.6     66.2       25     2.1     0.95     69     71.8       25.4     1     2.17     0.99     71.2     74.2       26     2.28     1.03     74.6     77.7       27     2.45     1.11     80.5     83.8       28     2.64     1.2     86.5     90.1       28.6     1-1/8     2.75     1.25     90.3     94       29     2.83     1.28     92.8     96.7       30     3.03     1.37     99.3     103.4       31     3.24     1.47     106.1     110.5       32     1-1/4     3.45     1.56     113     117.7       33     3.67     1.66     120.2     125.2       34     3.89     1.77     127.6     132.9       35     1-3/8     4.12     1.87     135.2     140.8       36     4.3	22		1.63	0.74	53.4	55.6
24     1.94     0.88     63.6     66.2       25     2.1     0.95     69     71.8       25.4     1     2.17     0.99     71.2     74.2       26     2.28     1.03     74.6     77.7       27     2.45     1.11     80.5     83.8       28     2.64     1.2     86.5     90.1       28.6     1-1/8     2.75     1.25     90.3     94       29     2.83     1.28     92.8     96.7       30     3.03     1.37     99.3     103.4       31     3.24     1.47     106.1     110.5       32     1-1/4     3.45     1.56     113     117.7       33     3.67     1.66     120.2     125.2       34     3.89     1.77     127.6     132.9       35     1-3/8     4.12     1.87     135.2     140.8       36     4.36     1.98     143.1     149	22.4		1.69	0.77	55.4	57.7
25     2.1     0.95     69     71.8       25.4     1     2.17     0.99     71.2     74.2       26     2.28     1.03     74.6     77.7       27     2.45     1.11     80.5     83.8       28     2.64     1.2     86.5     90.1       28.6     1-1/8     2.75     1.25     90.3     94       29     2.83     1.28     92.8     96.7       30     3.03     1.37     99.3     103.4       31     3.24     1.47     106.1     110.5       32     1-1/4     3.45     1.56     113     117.7       33     3.67     1.66     120.2     125.2       34     3.89     1.77     127.6     132.9       35     1-3/8     4.12     1.87     135.2     140.8       36     4.36     1.98     143.1     149	23		1.78	0.81	58.4	60.8
25.4     1     2.17     0.99     71.2     74.2       26     2.28     1.03     74.6     77.7       27     2.45     1.11     80.5     83.8       28     2.64     1.2     86.5     90.1       28.6     1-1/8     2.75     1.25     90.3     94       29     2.83     1.28     92.8     96.7       30     3.03     1.37     99.3     103.4       31     3.24     1.47     106.1     110.5       32     1-1/4     3.45     1.56     113     117.7       33     3.67     1.66     120.2     125.2       34     3.89     1.77     127.6     132.9       35     1-3/8     4.12     1.87     135.2     140.8       36     4.36     1.98     143.1     149	24		1.94	0.88	63.6	66.2
26     2.28     1.03     74.6     77.7       27     2.45     1.11     80.5     83.8       28     2.64     1.2     86.5     90.1       28.6     1-1/8     2.75     1.25     90.3     94       29     2.83     1.28     92.8     96.7       30     3.03     1.37     99.3     103.4       31     3.24     1.47     106.1     110.5       32     1-1/4     3.45     1.56     113     117.7       33     3.67     1.66     120.2     125.2       34     3.89     1.77     127.6     132.9       35     1-3/8     4.12     1.87     135.2     140.8       36     4.36     1.98     143.1     149	25		2.1	0.95	69	71.8
27     2.45     1.11     80.5     83.8       28     2.64     1.2     86.5     90.1       28.6     1-1/8     2.75     1.25     90.3     94       29     2.83     1.28     92.8     96.7       30     3.03     1.37     99.3     103.4       31     3.24     1.47     106.1     110.5       32     1-1/4     3.45     1.56     113     117.7       33     3.67     1.66     120.2     125.2       34     3.89     1.77     127.6     132.9       35     1-3/8     4.12     1.87     135.2     140.8       36     4.36     1.98     143.1     149	25.4	1	2.17	0.99	71.2	74.2
28     2.64     1.2     86.5     90.1       28.6     1-1/8     2.75     1.25     90.3     94       29     2.83     1.28     92.8     96.7       30     3.03     1.37     99.3     103.4       31     3.24     1.47     106.1     110.5       32     1-1/4     3.45     1.56     113     117.7       33     3.67     1.66     120.2     125.2       34     3.89     1.77     127.6     132.9       35     1-3/8     4.12     1.87     135.2     140.8       36     4.36     1.98     143.1     149	26		2.28	1.03	74.6	77.7
28.6     1-1/8     2.75     1.25     90.3     94       29     2.83     1.28     92.8     96.7       30     3.03     1.37     99.3     103.4       31     3.24     1.47     106.1     110.5       32     1-1/4     3.45     1.56     113     117.7       33     3.67     1.66     120.2     125.2       34     3.89     1.77     127.6     132.9       35     1-3/8     4.12     1.87     135.2     140.8       36     4.36     1.98     143.1     149	27		2.45	1.11	80.5	83.8
29 2.83 1.28 92.8 96.7   30 3.03 1.37 99.3 103.4   31 3.24 1.47 106.1 110.5   32 1-1/4 3.45 1.56 113 117.7   33 3.67 1.66 120.2 125.2   34 3.89 1.77 127.6 132.9   35 1-3/8 4.12 1.87 135.2 140.8   36 4.36 1.98 143.1 149	28		2.64	1.2	86.5	90.1
30 3.03 1.37 99.3 103.4   31 3.24 1.47 106.1 110.5   32 1-1/4 3.45 1.56 113 117.7   33 3.67 1.66 120.2 125.2   34 3.89 1.77 127.6 132.9   35 1-3/8 4.12 1.87 135.2 140.8   36 4.36 1.98 143.1 149	28.6	1-1/8	2.75	1.25	90.3	94
31 3.24 1.47 106.1 110.5   32 1-1/4 3.45 1.56 113 117.7   33 3.67 1.66 120.2 125.2   34 3.89 1.77 127.6 132.9   35 1-3/8 4.12 1.87 135.2 140.8   36 4.36 1.98 143.1 149	29		2.83	1.28	92.8	96.7
32 1-1/4 3.45 1.56 113 117.7   33 3.67 1.66 120.2 125.2   34 3.89 1.77 127.6 132.9   35 1-3/8 4.12 1.87 135.2 140.8   36 4.36 1.98 143.1 149	30		3.03	1.37	99.3	103.4
33 3.67 1.66 120.2 125.2   34 3.89 1.77 127.6 132.9   35 1-3/8 4.12 1.87 135.2 140.8   36 4.36 1.98 143.1 149	31		3.24	1.47	106.1	110.5
34 3.89 1.77 127.6 132.9   35 1-3/8 4.12 1.87 135.2 140.8   36 4.36 1.98 143.1 149	32	1-1/4	3.45	1.56	113	117.7
35 1-3/8 4.12 1.87 135.2 140.8   36 4.36 1.98 143.1 149	33		3.67	1.66	120.2	125.2
36 4.36 1.98 143.1 149	34		3.89	1.77	127.6	132.9
	35	1-3/8	4.12	1.87	135.2	140.8
	36		4.36	1.98	143.1	149
38 1-1/2 4.86 2.21 159.4 166	38	1-1/2	4.86	2.21	159.4	166
40 5.39 2.44 176.6 183.9	40		5.39	2.44	176.6	183.9

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