

METAL EXPANSION JOINTS - Constructed of 321 Stainless Steel



| I.D. | Working Pressure PSI | Part Number | Axial Movement | Axial Force Lbs./In. | Lateral Movement | Total Lateral Force Lbs. | Overall Length | Est. Wt. w/ pipe nipples Lb. | Overall Length | Est. Wt. w/ flanges Lb. |
|------|----------------------|-------------|----------------|----------------------|------------------|--------------------------|----------------|------------------------------|----------------|-------------------------|
| 3" | 75 | 375S | 0.60 | 600 | .08 | 512 | 8" | 5 | 4-1/2" | 11 |
| 3" | 75 | 375M | 1.20 | 300 | .32 | 256 | 10" | 5 | 6-1/2" | 11 |
| 3" | 75 | 375L | 1.80 | 200 | .64 | 128 | 12" | 6 | 8-1/2" | 12 |
| 3" | 150 | 315S | 0.50 | 1590 | .05 | 480 | 8" | 5 | 4-1/2" | 17 |
| 3" | 150 | 315M | 1.00 | 795 | .20 | 240 | 10" | 5 | 6-1/2" | 17 |
| 3" | 150 | 315L | 1.50 | 530 | .40 | 120 | 12" | 6 | 8-1/2" | 18 |
| 3" | 300 | 330S | 0.31 | 3300 | .04 | 1152 | 8" | 6 | 5-1/2" | 27 |
| 3" | 300 | 330M | 0.62 | 1650 | .14 | 504 | 10" | 6 | 7-1/2" | 28 |
| 3" | 300 | 330L | 1.00 | 1100 | .31 | 279 | 12" | 7 | 9-1/2" | 28 |
| 4" | 75 | 475S | 0.68 | 930 | .09 | 806 | 8-3/4" | 8 | 5-1/4" | 14 |
| 4" | 75 | 475M | 1.37 | 465 | .36 | 403 | 11-1/4" | 8 | 8" | 14 |
| 4" | 75 | 475L | 2.00 | 310 | .72 | 202 | 14" | 9 | 10-1/2" | 15 |
| 4" | 150 | 415S | 0.50 | 1260 | .06 | 1574 | 8-3/4" | 8 | 5-1/4" | 27 |
| 4" | 150 | 415M | 1.00 | 630 | .24 | 787 | 11-1/4" | 8 | 8" | 28 |
| 4" | 150 | 415L | 1.50 | 420 | .48 | 394 | 14" | 9 | 10-1/2" | 28 |
| 4" | 300 | 430S | 0.38 | 2184 | .05 | 2200 | 8-3/4" | 9 | 6-1/2" | 46 |
| 4" | 300 | 430M | 0.75 | 1092 | .20 | 1100 | 11-1/4" | 9 | 9" | 46 |
| 4" | 300 | 430L | 1.25 | 728 | .38 | 523 | 14" | 10 | 11-3/4" | 47 |
| 5" | 75 | 575S | 1.00 | 810 | .08 | 1203 | 8-3/4" | 12 | 5-3/4" | 17 |
| 5" | 75 | 575M | 2.00 | 405 | .32 | 602 | 11-1/2" | 13 | 8-1/2" | 17 |
| 5" | 75 | 575L | 3.00 | 270 | .64 | 300 | 14-1/4" | 14 | 11-1/4" | 18 |
| 5" | 150 | 515S | 0.90 | 1350 | .06 | 2362 | 8-3/4" | 12 | 5-3/4" | 33 |
| 5" | 150 | 515M | 1.80 | 675 | .24 | 1180 | 11-1/2" | 13 | 8-1/2" | 34 |
| 5" | 150 | 515L | 2.70 | 450 | .48 | 590 | 14-1/4" | 14 | 11-1/4" | 34 |
| 5" | 300 | 530S | 0.62 | 2190 | .05 | 2368 | 8-3/4" | 14 | 6-3/4" | 60 |
| 5" | 300 | 530M | 1.25 | 1095 | .20 | 1184 | 11-1/2" | 15 | 9-1/2" | 61 |
| 5" | 300 | 530L | 1.88 | 730 | .40 | 592 | 14-1/4" | 16 | 12-1/4" | 62 |
| 6" | 75 | 675S | 1.00 | 675 | .12 | 845 | 9-1/4" | 14 | 6-1/4" | 19 |
| 6" | 75 | 675M | 2.00 | 337 | .50 | 440 | 12-1/4" | 16 | 9-1/2" | 19 |
| 6" | 75 | 675L | 3.00 | 225 | 1.0 | 220 | 15-1/2" | 18 | 12-1/2" | 20 |
| 6" | 150 | 615S | 1.00 | 1350 | .10 | 3808 | 9-1/4" | 16 | 6-1/4" | 42 |
| 6" | 150 | 615M | 2.00 | 675 | .38 | 1809 | 12-1/4" | 18 | 9-1/2" | 44 |
| 6" | 150 | 615L | 3.00 | 450 | .62 | 738 | 15-1/2" | 20 | 12-1/2" | 46 |
| 6" | 300 | 630S | 0.62 | 2760 | .06 | 2995 | 9-1/4" | 20 | 7-1/4" | 84 |
| 6" | 300 | 630M | 1.25 | 1380 | .25 | 1560 | 12-1/4" | 22 | 10-1/2" | 86 |
| 6" | 300 | 630L | 1.88 | 920 | .50 | 780 | 15-1/2" | 24 | 13-1/2" | 88 |
| 8" | 75 | 875S | 1.17 | 1500 | .15 | 2160 | 9-1/2" | 19 | 7-1/4" | 40 |
| 8" | 75 | 875M | 2.34 | 750 | .60 | 1080 | 13-1/4" | 21 | 10-3/4" | 43 |
| 8" | 75 | 875L | 3.50 | 500 | 1.20 | 540 | 17" | 24 | 14-1/2" | 46 |
| 8" | 150 | 815S | 1.00 | 2274 | .09 | 3456 | 9-1/2" | 20 | 7-1/4" | 64 |
| 8" | 150 | 815M | 2.00 | 1387 | .36 | 1728 | 13-1/4" | 22 | 10-3/4" | 68 |
| 8" | 150 | 815L | 3.00 | 925 | .72 | 864 | 17" | 26 | 14-1/2" | 72 |
| 8" | 300 | 830S | 0.62 | 6520 | .06 | 7027 | 9-1/2" | 23 | 8-1/2" | 122 |
| 8" | 300 | 830M | 1.25 | 3262 | .24 | 3514 | 13-1/4" | 25 | 12-1/4" | 127 |
| 8" | 300 | 830L | 1.88 | 2175 | .48 | 1757 | 17" | 29 | 16" | 132 |