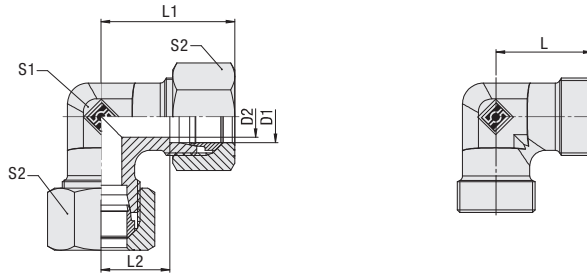


**Equal Elbow
Type FI-W ▪ Series LL / L**


| Series | Tube OD | | PN (bar/psi) | Dimensions (mm/in) | | | | | Weight (kg/lbs) ca. per 100 ² | Ordering Codes ³ |
|--------|---------|-------|-----------------|-----------------------|-----------------|------|------|--------|--|-----------------------------|
| | D1 | D2 | | L | L1 ¹ | L2 | S1 | S2 | | |
| LL | 4 | 100 | 3 | 15 | 21 | 11 | 9 | 10 | 1,29 | FI-W-04LL-W3-PR |
| | .16 | 1450 | .12 | .59 | .83 | .43 | .35 | .39 | 2.83 | |
| | 6 | 100 | 4,5 | 15 | 21 | 9,5 | 11 | 12 | 1,57 | FI-W-06LL-W3-PR |
| | .24 | 1450 | .18 | .59 | .83 | .37 | .43 | .47 | 3.45 | |
| LL | 8 | 100 | 6 | 17 | 23 | 11,5 | 12 | 14 | 2,22 | FI-W-08LL-W3-PR |
| | .31 | 1450 | .24 | .67 | .91 | .45 | .47 | .55 | 4.88 | |
| L | 6 | 500 | 4 | 19 | 27 | 12 | 12 | 14 | 1,94 | FI-W-06L-W3 |
| | .24 | 7250 | .16 | .75 | 1.06 | .47 | .47 | .55 | 4.27 | |
| | 8 | 500 | 6 | 21 | 29 | 14 | 12 | 17 | 2,35 | FI-W-08L-W3 |
| | .31 | 7250 | .24 | .83 | 1.14 | .55 | .47 | .67 | 5.17 | |
| | 10 | 500 | 8 | 22 | 30 | 15 | 14 | 19 | 3,06 | FI-W-10L-W3 |
| | .39 | 7250 | .31 | .87 | 1.18 | .59 | .55 | .75 | 6.72 | |
| | 12 | 400 | 10 | 24 | 32 | 17 | 17 | 22 | 4,34 | FI-W-12L-W3 |
| | .47 | 5800 | .39 | .94 | 1.26 | .67 | .67 | .87 | 9.55 | |
| | 15 | 400 | 12 | 28 | 36 | 21 | 19 | 27 | 5,13 | FI-W-15L-W3 |
| | .59 | 5800 | .47 | 1.10 | 1.42 | .83 | .75 | 1.06 | 11.29 | |
| | 18 | 400 | 15 | 31 | 40 | 23,5 | 24 | 32 | 11,63 | FI-W-18L-W3 |
| | .71 | 5800 | .59 | 1.22 | 1.57 | .93 | .94 | 1.26 | 25.59 | |
| | 22 | 250 | 19 | 35 | 44 | 27,5 | 27 | 36 | 15,35 | FI-W-22L-W3 |
| | .87 | 3625 | .75 | 1.38 | 1.73 | 1.08 | 1.06 | 1.42 | 33.77 | |
| | 28 | 250 | 24 | 38 | 47 | 30,5 | 36 | 41 | 25,45 | FI-W-28L-W3 |
| | 1.10 | 3625 | .94 | 1.50 | 1.85 | 1.20 | 1.42 | 1.61 | 56.00 | |
| | 35 | 250 | 30 | 45 | 56 | 34,5 | 41 | 50 | 42,04 | FI-W-35L-W3 |
| | 1.38 | 3625 | 1.18 | 1.77 | 2.20 | 1.36 | 1.61 | 1.97 | 92.48 | |
| | 42 | 250 | 36 | 51 | 63 | 40 | 50 | 60 | 63,20 | FI-W-42L-W3 |
| | 1.65 | 3625 | 1.42 | 2.01 | 2.48 | 1.57 | 1.97 | 2.36 | 139.04 | |
| S | 6 | 800 | 4 | 23 | 31 | 16 | 12 | 17 | 3,32 | FI-W-06S-W3 |
| | .24 | 11600 | .16 | .91 | 1.22 | .63 | .47 | .67 | 7.30 | |
| | 8 | 800 | 5 | 24 | 32 | 17 | 14 | 19 | 4,68 | FI-W-08S-W3 |
| | .31 | 11600 | .20 | .94 | 1.26 | .67 | .55 | .75 | 10.30 | |
| | 10 | 800 | 7 | 25 | 34 | 17,5 | 17 | 22 | 6,02 | FI-W-10S-W3 |
| | .39 | 11600 | .28 | .98 | 1.34 | .69 | .67 | .87 | 13.24 | |
| | 12 | 630 | 8 | 29 | 38 | 21,5 | 17 | 24 | 8,14 | FI-W-12S-W3 |
| | .47 | 9135 | .31 | 1.14 | 1.50 | .85 | .67 | .94 | 17.91 | |
| | 14 | 630 | 10 | 30 | 40 | 22 | 19 | 27 | 9,86 | FI-W-14S-W3 |
| | .55 | 9135 | .39 | 1.18 | 1.57 | .87 | .75 | 1.06 | 21.69 | |
| | 16 | 630 | 12 | 33 | 43 | 24,5 | 24 | 30 | 14,13 | FI-W-16S-W3 |
| | .63 | 9135 | .47 | 1.30 | 1.69 | .96 | .94 | 1.18 | 31.09 | |
| | 20 | 400 | 16 | 37 | 48 | 26,5 | 27 | 36 | 20,50 | FI-W-20S-W3 |
| | .79 | 5800 | .63 | 1.46 | 1.89 | 1.04 | 1.06 | 1.42 | 45.10 | |
| | 25 | 400 | 20 | 42 | 54 | 30 | 36 | 46 | 36,09 | FI-W-25S-W3 |
| | .98 | 5800 | .79 | 1.65 | 2.13 | 1.18 | 1.42 | 1.81 | 79.40 | |
| 30 | 400 | 25 | 49 | 62 | 35,5 | 41 | 50 | 40,20 | FI-W-30S-W3 | |
| 1.18 | 5800 | .98 | 1.93 | 2.44 | 1.40 | 1.61 | 1.97 | 102.11 | | |
| 38 | 400 | 32 | 57 | 72 | 41 | 50 | 60 | 89,05 | FI-W-38S-W3 | |
| 1.50 | 5800 | 1.26 | 2.24 | 2.83 | 1.61 | 1.97 | 2.36 | 196.90 | | |

Ordering Codes
***FI-W*-10*L*-W3*-MS**

| | | |
|---|--|-------------|
| * Equal Elbow | | FI-W |
| * Outside Tube Diameter D1 (in mm) | | -10 |
| * Series | Extra-Light Series | LL |
| | Light Series | L |
| | Heavy Series | S |
| * Material Code | Steel, zinc/nickel-plated | -W3 |
| Please contact STAUFF for alternative materials and surface finishings. | | |
| * Design | Made from forging blanks | — |
| | Made from profile material | PR |
| * Assembling / Kitting | Fitting body only | — |
| | Fitting body supplied with cutting rings and union nuts | -MS |
| | Fitting body supplied with soft-sealing cutting rings and union nuts | -MSV |

Connecting Parts

| | | |
|--|--|---------|
| | Cutting Ring Type FI-DS | Page 26 |
| | Soft-Sealing Cutting Ring Type FI-WDDS | Page 27 |
| | Support Sleeve Type FI-VH | Page 28 |
| | STAUFF Form Ring Type FI-AR | Page 30 |
| | Union Nut Type FI-M | Page 31 |
| | 37° Flared Tube Fitting Set Type FI-AB | Page 35 |

¹ Approximate dimension in assembled condition.
² Weight excluding cutting rings and union nuts.
³ Standard scope of delivery: Fitting body only.

