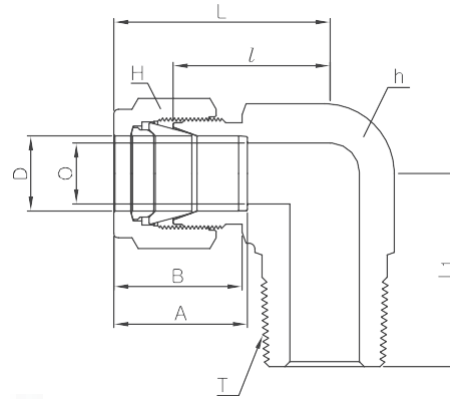
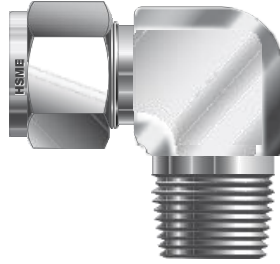


Male NPT Elbow
ALM-N


Connects fractional tube to female NPT thread

| Part No. | Tube O.D. | | T NPT | O Min. | Width across flat | | | | A | B | / | L | L1 |
|-----------|-----------|-------|----------|-----------|-------------------|-------|-------|-------|-------|-------|-------|--------|-------|
| | D | | | | h | | H | | | | | | |
| | in | mm | | | in | mm | in | mm | | | | | |
| ALM1-1N | 1/16 | 1.59 | 1/16 | 1.27 | 7/16 | 11.11 | 5/16 | 7.93 | 8.63 | 10.92 | 15.24 | 19.05 | 17.78 |
| ALM1-2N | 1/16 | 1.59 | 1/8 | 1.27 | 7/16 | 11.11 | 5/16 | 7.93 | 8.63 | 10.92 | 15.24 | 19.05 | 17.78 |
| ALM2-2N | 1/8 | 3.17 | 1/8 | 2.28 | 1/2 | 12.70 | 7/16 | 11.11 | 12.70 | 15.24 | 18.30 | 24.91 | 18.90 |
| ALM2-4N | 1/8 | 3.17 | 1/4 | 2.28 | 1/2 | 12.70 | 7/16 | 11.11 | 12.70 | 15.24 | 18.30 | 24.91 | 23.26 |
| ALM3-2N | 3/16 | 4.76 | 1/8 | 3.04 | 1/2 | 12.70 | 1/2 | 12.70 | 13.71 | 16.00 | 18.79 | 25.40 | 18.79 |
| ALM3-4N | 3/16 | 4.76 | 1/4 | 3.04 | 1/2 | 12.70 | 1/2 | 12.70 | 13.71 | 16.00 | 18.79 | 25.40 | 23.36 |
| ALM4-1N | 1/4 | 6.35 | 1/16 | 3.04 | 1/2 | 12.70 | 9/16 | 14.28 | 15.24 | 17.78 | 19.55 | 26.90 | 18.79 |
| ALM4-2N | 1/4 | 6.35 | 1/8 | 4.82 | 1/2 | 12.70 | 9/16 | 14.28 | 15.24 | 17.78 | 19.55 | 26.47 | 18.79 |
| ALM4-4N | 1/4 | 6.35 | 1/4 | 4.82 | 1/2 | 12.70 | 9/16 | 14.28 | 15.24 | 17.78 | 19.81 | 27.18 | 23.87 |
| ALM4-6N | 1/4 | 6.35 | 3/8 | 4.82 | 11/16 | 17.46 | 9/16 | 14.28 | 15.24 | 17.78 | 22.35 | 29.71 | 26.20 |
| ALM4-8N | 1/4 | 6.35 | 1/2 | 4.82 | 13/16 | 20.64 | 9/16 | 14.28 | 15.24 | 17.78 | 24.60 | 31.97 | 33.02 |
| ALM5-2N | 5/16 | 7.93 | 1/8 | 4.82 | 9/16 | 14.28 | 5/8 | 15.87 | 16.25 | 18.54 | 21.33 | 28.70 | 19.81 |
| ALM5-4N | 5/16 | 7.93 | 1/4 | 6.35 | 9/16 | 14.28 | 5/8 | 15.87 | 16.25 | 18.54 | 21.33 | 29.77 | 24.50 |
| ALM5-6N | 5/16 | 7.93 | 3/8 | 6.35 | 11/16 | 17.46 | 5/8 | 15.87 | 16.25 | 18.54 | 23.11 | 30.48 | 26.20 |
| ALM6-2N | 3/8 | 9.52 | 1/8 | 4.82 | 5/8 | 15.87 | 11/16 | 17.46 | 16.76 | 19.30 | 23.11 | 30.48 | 20.60 |
| ALM6-4N | 3/8 | 9.52 | 1/4 | 7.11 | 5/8 | 15.87 | 11/16 | 17.46 | 16.76 | 19.30 | 23.11 | 30.48 | 25.40 |
| ALM6-6N | 3/8 | 9.52 | 3/8 | 7.11 | 11/16 | 17.46 | 11/16 | 17.46 | 16.76 | 19.30 | 23.87 | 31.24 | 26.20 |
| ALM6-8N | 3/8 | 9.52 | 1/2 | 7.11 | 13/16 | 20.64 | 11/16 | 17.46 | 16.76 | 19.30 | 25.90 | 31.42 | 33.02 |
| ALM6-12N | 3/8 | 9.52 | 3/4 | 7.11 | 1-1/16 | 26.98 | 11/16 | 17.46 | 16.76 | 19.30 | 29.71 | 37.08 | 36.83 |
| ALM8-4N | 1/2 | 12.70 | 1/4 | 7.11 | 13/16 | 20.64 | 7/8 | 22.22 | 22.86 | 21.84 | 25.90 | 36.06 | 28.30 |
| ALM8-6N | 1/2 | 12.70 | 3/8 | 9.65 | 13/16 | 20.64 | 7/8 | 22.22 | 22.86 | 21.84 | 25.90 | 36.06 | 28.30 |
| ALM8-8N | 1/2 | 12.70 | 1/2 | 10.41 | 13/16 | 20.64 | 7/8 | 22.22 | 22.86 | 21.84 | 25.90 | 36.06 | 33.02 |
| ALM8-12N | 1/2 | 12.70 | 3/4 | 10.41 | 1-1/16 | 26.98 | 7/8 | 22.22 | 22.86 | 21.84 | 29.71 | 39.87 | 36.83 |
| ALM10-6N | 5/8 | 15.87 | 3/8 | 9.65 | 15/16 | 23.81 | 1 | 25.40 | 24.38 | 21.84 | 28.00 | 37.06 | 30.22 |
| ALM10-8N | 5/8 | 15.87 | 1/2 | 11.93 | 15/16 | 23.81 | 1 | 25.40 | 24.38 | 21.84 | 28.00 | 37.06 | 35.10 |
| ALM10-12N | 5/8 | 15.87 | 3/4 | 12.70 | 1-1/16 | 26.98 | 1 | 25.40 | 24.38 | 21.84 | 29.71 | 39.87 | 36.83 |
| ALM12-8N | 3/4 | 19.05 | 1/2 | 11.93 | 1-1/16 | 26.98 | 1-1/8 | 28.57 | 24.38 | 21.84 | 29.71 | 39.87 | 37.00 |
| ALM12-12N | 3/4 | 19.05 | 3/4 | 15.74 | 1-1/16 | 26.98 | 1-1/8 | 28.57 | 24.38 | 21.84 | 29.71 | 39.87 | 36.83 |
| ALM14-12N | 7/8 | 22.22 | 3/4 | 15.74 | 1-3/8 | 34.92 | 1-1/4 | 31.75 | 25.90 | 21.84 | 34.54 | 44.70 | 41.65 |
| ALM16-12N | 1 | 25.40 | 3/4 | 15.74 | 1-3/8 | 34.92 | 1-1/2 | 38.10 | 31.24 | 26.41 | 36.83 | 49.02 | 42.20 |
| ALM16-16N | 1 | 25.40 | 1 | 22.35 | 1-3/8 | 34.92 | 1-1/2 | 38.10 | 31.24 | 26.41 | 36.83 | 49.02 | 46.70 |
| ALM20-20N | 1-1/4 | 31.75 | 1-1/4 | 27.68 | 1-11/16 | 42.86 | 1-7/8 | 47.63 | 41.14 | 38.86 | 44.50 | 66.54 | 47.75 |
| ALM24-24N | 1-1/2 | 38.10 | 1-1/2 | 34.03 | 2 | 50.80 | 2-1/4 | 57.15 | 50.03 | 45.21 | 50.80 | 77.97 | 60.45 |
| ALM32-32N | 2 | 50.80 | 2 | 45.97 | 2-3/4 | 69.85 | 3 | 76.20 | 62.73 | 63.73 | 69.80 | 107.18 | 70.61 |

Connects metric tube to female NPT thread

| Part No. | Tube O.D. D | T R(PT) | O Min. | Width across flat | | A | B | I | L | L1 |
|------------|----------------|------------|-----------|-------------------|----|------|------|------|------|------|
| | | | | h | H | | | | | |
| ALM3M-1N | 3 | 1/16 | 2.4 | 11.1 | 12 | 12.9 | 15.3 | 17.0 | 23.6 | 17.8 |
| ALM3M-2N | 3 | 1/8 | 2.4 | 12.7 | 12 | 12.9 | 15.3 | 17.0 | 23.6 | 17.8 |
| ALM3M-4N | 3 | 1/4 | 2.4 | 12.7 | 12 | 12.9 | 15.3 | 18.0 | 24.6 | 23.4 |
| ALM4M-2N | 4 | 1/8 | 2.4 | 12.7 | 12 | 13.7 | 16.1 | 18.8 | 25.4 | 18.8 |
| ALM4M-4N | 4 | 1/4 | 2.4 | 12.7 | 12 | 13.7 | 16.1 | 18.8 | 25.4 | 23.4 |
| ALM6M-2N | 6 | 1/8 | 4.8 | 12.7 | 14 | 15.3 | 17.7 | 19.6 | 27.0 | 18.8 |
| ALM6M-4N | 6 | 1/4 | 4.8 | 12.7 | 14 | 15.3 | 17.7 | 19.6 | 27.0 | 23.4 |
| ALM6M-6N | 6 | 3/8 | 4.8 | 17.5 | 14 | 15.3 | 17.7 | 22.4 | 29.8 | 26.2 |
| ALM6M-8N | 6 | 1/2 | 4.8 | 20.6 | 14 | 15.3 | 17.7 | 24.4 | 31.8 | 33.0 |
| ALM8M-2N | 8 | 1/8 | 4.8 | 14.3 | 16 | 16.2 | 18.6 | 21.3 | 28.8 | 19.8 |
| ALM8M-4N | 8 | 1/4 | 6.4 | 14.3 | 16 | 16.2 | 18.6 | 21.3 | 28.8 | 24.4 |
| ALM8M-6N | 8 | 3/8 | 6.4 | 17.5 | 16 | 16.2 | 18.6 | 23.1 | 30.6 | 26.2 |
| ALM8M-8N | 8 | 1/2 | 6.4 | 20.6 | 16 | 16.2 | 18.6 | 25.1 | 32.6 | 33.0 |
| ALM10M-2N | 10 | 1/8 | 4.8 | 17.5 | 19 | 17.2 | 19.5 | 23.9 | 31.5 | 23.6 |
| ALM10M-4N | 10 | 1/4 | 7.1 | 17.5 | 19 | 17.2 | 19.5 | 23.9 | 31.5 | 26.2 |
| ALM10M-6N | 10 | 3/8 | 7.9 | 17.5 | 19 | 17.2 | 19.5 | 23.9 | 31.5 | 26.2 |
| ALM10M-8N | 10 | 1/2 | 7.9 | 20.6 | 19 | 17.2 | 19.5 | 25.9 | 33.5 | 33.0 |
| ALM12M-2N | 12 | 1/8 | 4.8 | 20.6 | 22 | 22.8 | 22.0 | 25.9 | 36.0 | 23.6 |
| ALM12M-4N | 12 | 1/4 | 7.1 | 20.6 | 22 | 22.8 | 22.0 | 25.9 | 36.0 | 28.2 |
| ALM12M-6N | 12 | 3/8 | 9.5 | 20.6 | 22 | 22.8 | 22.0 | 25.9 | 36.0 | 28.2 |
| ALM12M-8N | 12 | 1/2 | 9.5 | 20.6 | 22 | 22.8 | 22.0 | 25.9 | 36.0 | 33.0 |
| ALM12M-12N | 12 | 3/4 | 9.5 | 27.0 | 22 | 22.8 | 22.0 | 29.7 | 39.8 | 36.8 |
| ALM16M-6N | 16 | 3/8 | 9.5 | 25.4 | 25 | 24.4 | 22.0 | 27.9 | 38.0 | 30.2 |
| ALM16M-8N | 16 | 1/2 | 11.9 | 23.81 | 25 | 24.4 | 22.0 | 27.9 | 38.0 | 35.1 |
| ALM16M-12N | 16 | 3/4 | 12.7 | 23.81 | 25 | 24.4 | 22.0 | 29.7 | 39.8 | 36.8 |
| ALM18M-8N | 18 | 1/2 | 11.9 | 27.0 | 30 | 24.4 | 22.0 | 29.7 | 39.8 | 36.8 |
| ALM18M-12N | 18 | 3/4 | 15.1 | 27.0 | 30 | 24.4 | 22.0 | 29.7 | 39.8 | 36.8 |
| ALM20M-8N | 20 | 1/2 | 11.9 | 34.92 | 32 | 26.0 | 22.0 | 34.5 | 44.6 | 41.7 |
| ALM20M-12N | 20 | 3/4 | 15.9 | 34.92 | 32 | 26.0 | 22.0 | 34.5 | 44.6 | 41.7 |
| ALM22M-12N | 22 | 3/4 | 15.9 | 34.92 | 32 | 26.0 | 22.0 | 34.5 | 44.6 | 41.7 |
| ALM22M-16N | 22 | 1 | 18.3 | 34.92 | 32 | 26.0 | 22.0 | 34.5 | 44.6 | 46.5 |
| ALM25M-12N | 25 | 3/4 | 15.9 | 34.92 | 38 | 31.3 | 26.5 | 36.8 | 49.1 | 41.7 |
| ALM25M-16N | 25 | 1 | 21.8 | 34.92 | 38 | 31.3 | 26.5 | 36.8 | 49.1 | 46.5 |
| ALM28M-16N | 28 | 1 | 21.8 | 41.0 | 46 | 36.6 | 36.6 | 43.2 | 64.0 | 53.7 |
| ALM30M-20N | 30 | 1-1/4 | 26.2 | 46.0 | 50 | 39.6 | 39.2 | 48.3 | 69.9 | 53.1 |
| ALM32M-20N | 32 | 1-1/4 | 27.8 | 46.0 | 50 | 42.0 | 41.6 | 49.3 | 72.3 | 53.1 |
| ALM38M-24N | 38 | 1-1/4 | 33.7 | 50.8 | 60 | 49.4 | 47.9 | 56.4 | 84.0 | 60.4 |