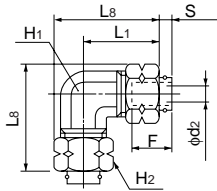


90 degree union elbow



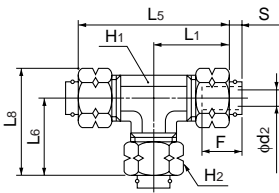
●Millimeter size type (Group 4)

Product number	Applicable tube outer diameter (mm)	L1 (mm)	L8 (mm)	S (mm)	F Tube insertion length (mm)	H1 Width across flat (mm)	H2 Width across flat (mm)	d2 Min. inner diameter (mm)	Effective cross-sectional area (mm ²)	Weight (g)
UL4N4×2	4×2	20.5	26.2	4.7	15	10.0	10.0	0.9	0.6	20.0
UL4N4×2.5	4×2.5	20.5	26.2	4.7	15	10.0	10.0	1.3	1.0	20.0
UL4N4×3	4×3	20.5	26.2	4.7	15	10.0	10.0	2.0	2.0	20.0
UL4N6×4	6×4	20.5	27.4	4.6	15	10.0	12.0	2.7	4.0	25.0
UL4N6×4.5	6×4.5	20.5	27.4	4.6	15	10.0	12.0	3.2	5.5	25.0
UL4N8×5	8×5	22.9	31.0	4.6	16	12.0	14.0	3.7	7.5	37.0
UL4N8×6	8×6	22.9	31.0	4.6	16	12.0	14.0	4.7	12.5	36.0
UL4N10×6.5	10×6.5	27.1	36.9	4.2	17	14.0	17.0	5.2	15.5	59.0
UL4N10×7.5	10×7.5	27.1	36.9	4.2	17	14.0	17.0	6.2	22.0	56.0
UL4N10×8	10×8	27.1	36.9	4.2	17	14.0	17.0	6.7	25.0	57.0
UL4N12×8	12×8	27.6	38.6	4.8	18	14.0	19.0	6.6	25.0	63.0
UL4N12×9	12×9	27.6	38.6	4.8	18	14.0	19.0	7.6	25.0	60.0

●Inch size type (Group 1)

Product number	Applicable tube outer diameter (inch)	L1 (mm)	L8 (mm)	S (mm)	F Tube insertion length (mm)	H1 Width across flat (mm)	H2 Width across flat (mm)	d2 Min. inner diameter (mm)	Effective cross-sectional area (mm ²)	Weight (g)
UL1N1/8	1/8	20.5	26.3	4.6	15	10.0	8.0	1.4	1.0	17.0
UL1N3/16	3/16	20.6	26.3	4.6	15	10.0	10.0	2.4	3.0	20.0
UL1N1/4	1/4	20.5	27.5	4.6	15	10.0	12.0	3.4	6.5	25.0
UL1N5/16	5/16	22.8	30.9	4.6	16	12.0	14.0	4.7	12.5	37.0
UL1N3/8	3/8	23.7	33.5	4.6	17	12.0	17.0	5.7	18.5	47.0
UL1N1/2	1/2	27.8	38.8	4.6	18	14.0	19.0	8.2	30.0	58.0

Union tee



●Millimeter size type (Group 4)

Product number	Applicable tube outer diameter (mm)	L1 (mm)	L5 (mm)	L8 (mm)	L8 (mm)	S (mm)	F Tube insertion length (mm)	H1 Width across flat (mm)	H2 Width across flat (mm)	d2 Min. inner diameter (mm)	Effective cross-sectional area (mm ²)	Weight (g)
UT4N4×2	4×2	20.5	40.9	20.5	26.2	4.7	15	10.0	10.0	0.9	0.6	27.0
UT4N4×2.5	4×2.5	20.5	40.9	20.5	26.2	4.7	15	10.0	10.0	1.3	1.0	28.0
UT4N4×3	4×3	20.5	40.9	20.5	26.2	4.7	15	10.0	10.0	2.0	2.0	26.0
UT4N6×4	6×4	20.5	41.0	20.5	27.4	4.6	15	10.0	12.0	2.7	4.0	35.0
UT4N6×4.5	6×4.5	20.5	41.0	20.5	27.4	4.6	15	10.0	12.0	3.2	5.5	35.0
UT4N8×5	8×5	22.9	45.8	22.9	31.0	4.6	16	12.0	14.0	3.7	7.5	49.0
UT4N8×6	8×6	22.9	45.8	22.9	31.0	4.6	16	12.0	14.0	4.7	12.5	48.0
UT4N10×6.5	10×6.5	27.1	54.2	27.1	36.9	4.2	17	14.0	17.0	5.2	15.5	82.0
UT4N10×7.5	10×7.5	27.1	54.2	27.1	36.9	4.2	17	14.0	17.0	6.2	22.0	80.0
UT4N10×8	10×8	27.1	54.2	27.1	36.9	4.2	17	14.0	17.0	6.7	25.0	77.0
UT4N12×8	12×8	27.6	55.3	27.6	38.6	4.8	18	14.0	19.0	6.6	25.0	90.0
UT4N12×9	12×9	27.6	55.3	27.6	38.6	4.8	18	14.0	19.0	7.6	25.0	85.0

●Inch size type (Group 1)

Product number	Applicable tube outer diameter (inch)	L1 (mm)	L5 (mm)	L8 (mm)	L8 (mm)	S (mm)	F Tube insertion length (mm)	H1 Width across flat (mm)	H2 Width across flat (mm)	d2 Min. inner diameter (mm)	Effective cross-sectional area (mm ²)	Weight (g)
UT1N1/8	1/8	20.5	41.1	20.5	26.3	4.6	15	10.0	8.0	1.4	1.0	22.0
UT1N3/16	3/16	20.6	41.1	20.6	26.3	4.6	15	10.0	10.0	2.4	3.0	28.0
UT1N1/4	1/4	20.5	41.1	20.5	27.5	4.6	15	10.0	12.0	3.4	6.5	34.0
UT1N5/16	5/16	22.8	45.7	22.8	30.9	4.6	16	12.0	14.0	4.7	12.5	49.0
UT1N3/8	3/8	23.7	47.4	23.7	33.5	4.6	17	12.0	17.0	5.7	18.5	64.0
UT1N1/2	1/2	27.8	55.6	27.8	38.8	4.6	18	14.0	19.0	8.2	30.0	84.0
UT1N5/8	5/8	36.7	73.3	36.7	52.3	5.1	23	18.0	27.0	9.3	45.0	189.0

●Inch size type (Group 2)

Product number	Applicable tube outer diameter (inch)	L1 (mm)	L5 (mm)	L8 (mm)	L8 (mm)	S (mm)	F Tube insertion length (mm)	H1 Width across flat (mm)	H2 Width across flat (mm)	d2 Min. inner diameter (mm)	Effective cross-sectional area (mm ²)	Weight (g)
☆ UT2N1/8	1/8	20.5	41.1	20.5	26.3	4.6	21	10.0	8.0	3.0	1.0	21.0
UT2N3/16	3/16	20.6	41.1	20.6	26.3	4.6	15	10.0	10.0	1.4	1.0	27.0
UT2N1/4	1/4	20.5	41.1	20.5	27.5	4.6	15	10.0	12.0	2.2	2.5	34.0
UT2N5/16	5/16	22.8	45.7	22.8	30.9	4.6	16	12.0	14.0	2.9	4.5	52.0
UT2N3/8	3/8	23.7	47.4	23.7	33.5	4.6	17	12.0	17.0	3.5	7.0	67.0
UT2N1/2	1/2	27.8	55.6	27.8	38.8	4.6	18	14.0	19.0	5.2	16.0	92.0

☆ UT2N1/8 is of insertless type.