

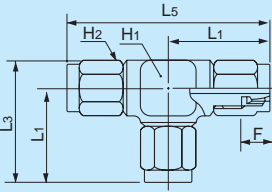
Union tee

●Millimeter size type



Product number	Applicable tube outer/inner diameters (mm)	L ₁ (mm)	L ₃ (mm)	L ₅ (mm)	F Tube insertion length (mm)	H ₁ Width across flat (mm)	H ₂ Width across flat (mm)	Min. inner diameter (mm)	Effective cross-sectional area (mm ²)	Weight (g)
CS-UT6×4	6×4	23.5	30.5	47.0	7	14.0	12.0	3.0	5.0	63.0
CS-UT8×6	8×6	25.0	33.0	50.0	7	14.0	14.0	5.0	13.5	74.0
CS-UT10×8	10×8	29.0	39.0	58.0	8.5	19.0	17.0	6.5	24.0	140.0
CS-UT12×9	12×9	31.0	42.0	62.0	10	19.0	19.0	7.5	32.0	158.0
CS-UT12×10	12×10	31.0	42.0	62.0	10	19.0	19.0	8.5	41.5	150.0

●Inch size type



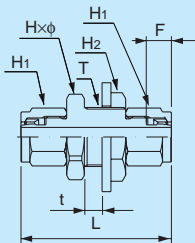
Product number	Applicable tube outer/inner diameters (mm)	L ₁ (mm)	L ₃ (mm)	L ₅ (mm)	F Tube insertion length (mm)	H ₁ Width across flat (mm)	H ₂ Width across flat (mm)	Min. inner diameter (mm)	Effective cross-sectional area (mm ²)	Weight (g)
CS-UT1/4	6.35×4.75	23.5	30.0	47.0	7	14.0	12.0	3.5	7.0	62.0
CS-UT3/8	9.53×6.99	29.0	39.0	58.0	8.5	19.0	17.0	5.8	19.0	142.0
CS-UT1/2	12.70×9.56	33.5	46.0	67.0	10.5	22.0	22.0	8.2	37.0	209.0

Panel touch connector

●Millimeter size type



Product number	Applicable tube outer/inner diameters (mm)	L (mm)	F Tube insertion length (mm)	H ₁ Width across flat (mm)	H ₂ Width across flat (mm)	T Recommended panel hole diameter (mm)	t Max. panel thickness (mm)	Washer thickness (mm)	Washer outer diameter (mm)	H×φ Width across flat (mm)	Min. inner diameter (mm)	Effective cross-sectional area (mm ²)	Weight (g)
CS-UCT6×4	6×4	46	7	12.0	21.0	16	6.0	3	28	21.0×23.0	3.0	7.0	—
CS-UCT8×6	8×6	48	7.5	14.0	22.0	18	6.0	3	30	22.0×24.5	5.0	18.0	—
CS-UCT10×8	10×8	51	8.5	17.0	26.0	21	6.0	3	37	26.0×29.0	6.5	31.0	—
CS-UCT12×9	12×9	55.5	10	19.0	27.0	23	5.5	3	37	27.0×30.0	7.5	41.0	—
CS-UCT12×10	12×10	54.5	10	19.0	27.0	23	5.5	3	37	27.0×30.0	8.5	52.5	—



Nut

●Millimeter size type



Product number	Applicable tube outer diameter (mm)	L (mm)	H ₂ Width across flat (mm)	Weight (g)
CSN4	4	11.0	10.0	4.0
CSN6	6	12.5	12.0	6.0
CSN8	8	14.0	14.0	8.5
CSN10	10	15.5	17.0	14.0
CSN12	12	17.5	19.0	18.5
CSN19	19	22.5	27.0	37.5

●Inch size type



Product number	Applicable tube outer diameter (inch)	L (mm)	H ₂ Width across flat (mm)	Weight (g)
CSN6 *1	1/4	12.5	12.0	6.0
CSN10 *2	3/8	15.5	17.0	14.5
CSN1/2	1/2	19.0	22.0	29.0

*1 The size 1/4 is shared with CSN6.

*2 The size 3/8 is shared with CSN10.