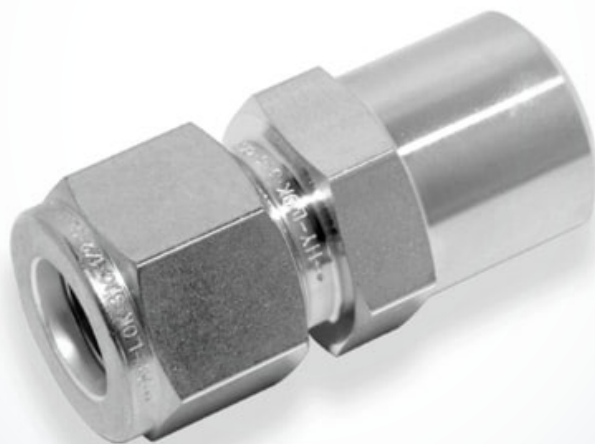


CWC

Male Pipe Weld Connector

Hy-Lok

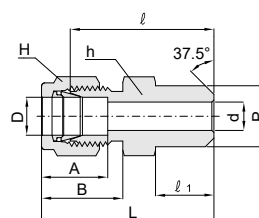


Tube to Weld End



Male Pipe Weld Connector

CWC



Connects Fractional Tube to Pipe

Part No.	Tube OD D		Male Pipe Size P		d ⁺ Min.	Width across flat (in.)		A	B	ℓ	ℓ ₁	L
	in.	mm	Nom.	O.D.		h	H					
CWC 2 - 2P	1/8	3.17	1/8	10.30	2.3	7/16	7/16	12.7	15.2	23.9	9.7	31.2
CWC 3 - 2P	3/16	4.76	1/8	10.30	3.0	7/16	1/2	13.7	16.0	24.6	9.7	31.2
CWC 4 - 2P	1/4	6.35	1/8	10.30	4.8	1/2	9/16	15.2	17.8	25.4	9.7	32.8
CWC 4 - 4P	1/4	6.35	1/4	13.70	4.8	9/16	9/16	15.2	17.8	30.5	14.2	37.8
CWC 5 - 2P	5/16	7.93	1/8	10.30	4.8	9/16	5/8	16.3	18.5	26.7	9.7	34.0
CWC 5 - 4P	5/16	7.93	1/4	13.70	6.3	9/16	5/8	16.3	18.5	31.2	14.2	38.6
CWC 6 - 4P	3/8	9.52	1/4	13.70	7.0	5/8	11/16	16.8	19.3	32.5	14.2	39.9
CWC 6 - 6P	3/8	9.52	3/8	17.10	7.0	11/16	11/16	16.8	19.3	32.5	14.2	39.9
CWC 6 - 8P	3/8	9.52	1/2	21.30	7.0	7/8	11/16	16.8	19.3	38.9	19.1	46.2
CWC 6 - 12P	3/8	9.52	3/4	26.67	7.0	1-1/16	11/16	16.8	19.3	40.4	19.1	47.8
CWC 8 - 6P	1/2	12.70	3/8	17.10	9.5	13/16	7/8	22.9	21.8	33.3	14.2	43.4
CWC 8 - 8P	1/2	12.70	1/2	21.30	10.4	7/8	7/8	22.9	21.8	38.9	19.1	49.0
CWC 8 - 12P	1/2	12.70	3/4	26.67	10.4	1-1/16	7/8	22.9	21.8	40.4	19.1	50.5
CWC 10 - 8P	5/8	15.87	1/2	21.30	12.0	15/16	1	24.4	21.8	38.9	19.1	49.0
CWC 12 - 12P	3/4	19.05	3/4	26.67	15.7	1-1/16	1-1/8	24.4	21.8	40.4	19.1	50.5
CWC 16 - 16P	1	25.40	1	33.40	22.3	1-3/8	1-1/2	31.2	26.4	50.0	23.9	62.2
CWC 20 - 20P	1-1/4	31.75	1-1/4	42.16	28.0	1-3/4	1-7/8	41.1	38.9	55.1	23.9	77.2
CWC 24 - 24P	1-1/2	38.10	1-1/2	48.26	34.0	2-1/8	2-1/4	50.0	45.2	61.7	26.2	88.9
CWC 32 - 32P	2	50.80	2	60.32	46.0	2-3/4	3	67.6	62.7	76.2	26.9	113.5

Connects Metric Tube to Pipe

Part No.	Tube OD D	Male Pipe Size P		d ⁺ Min.	Width across flat		A	B	ℓ	ℓ ₁	L
		Nom.	O.D.		h	H					
CWC 3M - 2P	3	1/8	10.3	2.3	12	12	12.9	15.3	23.9	9.7	29.7
CWC 4M - 2P	4	1/8	10.3	2.4	12	12	13.7	16.1	24.6	9.7	30.7
CWC 6M - 2P	6	1/8	10.3	4.8	14	14	15.3	17.7	25.4	9.7	32.8
CWC 6M - 4P	6	1/4	13.7	4.8	14	14	15.3	17.7	30.2	14.2	37.6
CWC 8M - 2P	8	1/8	10.3	5.1	14	16	16.2	18.6	26.7	9.7	34.2
CWC 8M - 4P	8	1/4	13.7	6.3	14	16	16.2	18.6	31.2	14.2	38.7
CWC 8M - 8P	8	1/2	21.3	6.3	22	16	16.2	18.6	38.1	19.1	44.8
CWC 10M - 4P	10	1/4	13.7	7.1	17	19	17.2	19.5	33.3	14.2	40.9
CWC 10M - 6P	10	3/8	17.1	8.0	19	19	17.2	19.5	33.3	14.2	40.1
CWC 10M - 8P	10	1/2	21.3	8.0	22	19	17.2	19.5	38.1	19.1	45.7
CWC 12M - 4P	12	1/4	13.7	7.1	22	22	22.8	22.0	33.3	14.2	43.4
CWC 12M - 6P	12	3/8	17.1	9.5	22	22	22.8	22.0	33.3	14.2	43.4
CWC 12M - 8P	12	1/2	21.3	9.5	22	22	22.8	22.0	38.1	19.1	48.2
CWC 14M - 6P	14	3/8	17.1	10.3	24	25	24.4	22.0	34.0	14.2	44.1
CWC 15M - 8P	15	1/2	21.3	12.0	24	25	24.4	22.0	38.9	19.0	49.0
CWC 16M - 8P	16	1/2	21.3	12.7	24	25	24.4	22.0	38.9	19.0	49.0
CWC 18M - 8P	18	1/2	21.3	13.5	27	30	24.4	22.0	40.4	19.0	50.5
CWC 32M - 20P	32	1-1/4	42.2	28.6	46	50	42.0	41.6	56.6	23.9	79.6
CWC 38M - 24P	38	1-1/2	48.3	33.7	55	60	49.4	47.9	64.0	26.2	91.6

† The d dimension is the minimum nominal opening. These fittings may have a larger opening at the weld end. Wall thickness at the weld end is based on schedule 80 pipe.

Welding Precautions

- If you weld the fully assembled fittings, the assembly can be distorted and the lubricant on the nut can be removed, which is not desirable.
- To avoid this, remove the nut and ferrules from the body and cover thread and seat area with another nut or a plug in

order to protect them from weld splatter. (Jsut finger tighten for easy removal)

- Provide a proper heat sink for heat dissipation.
- After welding, replace the nut and ferrules.

All dimensions are in millimeters unless otherwise specified.
Dimensions are for reference only, subject to change.