TUBE TO FEMALE AND PRESSURE GAUGE ADAPTORS OVERVIEW

Reducing / Expanding
Male Stud Connectors
Overview

Female Connector
Female Thread /
24° Tube Connection

Pressure Gauge Connector
Female BSPP Thread /
24° Tube Connection

Pressure Gauge
Swivel Connector
24° Cone End /
Female BSPP Thread

Female Connector
Female NPT Thread /
24° Tube Connector

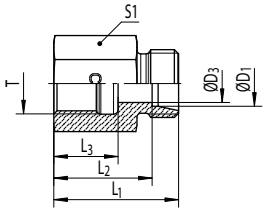
C-GAI-M

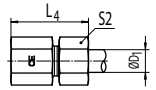
FEMALE CONNECTORS

Female Metric Thread (DIN 3852-1 / ISO 9974-1) /
24° Tube Connection (DIN EN ISO 8434-1)



C-GAI-R





Series	PN [bar] C	PN [bar] CF	ØD1 [mm]	T	ØD3 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	S1 [mm]	S2 [mm]	Ordering Code*	kg/ 100
L	315	315	6	M10x1	4	26.5	19.5	12.5	34.5	14	14	**C-GAI 06 LM X**	2.0
			8	M12x1.5	6	31.0	24.0	17.0	39.0	17	17	**C-GAI 08 LM X**	3.3
			10	M14x1.5	8	32.0	25.0	17.0	40.0	19	19	**C-GAI 10 LM X**	4.0
			12	M16x1.5	10	33.0	26.0	17.0	41.0	22	22	**C-GAI 12 LM X**	5.3
			15	M18x1.5	12	35.0	28.0	17.0	43.0	24	27	**C-GAI 15 LM X**	6.9
			18	M22x1.5	15	37.0	29.5	19.0	46.0	30	32	**C-GAI 18 LM X**	11.3
	160	160	22	M26x1.5	19	42.0	34.5	21.0	51.0	32	36	**C-GAI 22 LM X**	12.6
			28	M33x2	24	45.0	37.5	24.0	54.0	41	41	**C-GAI 28 LM X**	21.5
			35	M42x2	30	51.0	40.5	26.0	62.0	55	50	**C-GAI 35 LM X**	46.7
			42	M48x2	36	53.0	42.0	28.0	65.0	60	60	**C-GAI 42 LM X**	53.2
S	400	400	6	M12x1.5	4	33.0	26.0	17.0	41.0	17	17	**C-GAI 06 SM X**	3.7
			8	M14x1.5	5	33.0	26.0	17.0	41.0	17	19	**C-GAI 08 SM X**	3.5
			10	M16x1.5	7	34.0	26.5	17.0	43.0	22	22	**C-GAI 10 SM X**	6.0
			12	M18x1.5	8	35.0	27.5	17.0	44.0	24	24	**C-GAI 12 SM X**	7.2
			14	M20x1.5	10	39.0	31.0	19.0	49.0	27	27	**C-GAI 14 SM X**	9.9
			16	M22x1.5	12	39.0	30.5	19.0	49.0	30	30	**C-GAI 16 SM X**	11.9
	315	315	20	M27x2	16	45.0	34.5	22.0	56.0	36	36	**C-GAI 20 SM X**	19.3
			25	M33x2	20	49.0	37.0	24.0	61.0	41	46	**C-GAI 25 SM X**	25.0
			30	M42x2	25	55.0	41.5	26.0	68.0	55	50	**C-GAI 30 SM X**	51.0
	250	250	38	M48x2	32	59.0	43.0	28.0	74.0	60	60	**C-GAI 38 SM X**	62.2

*Replace the character "**C**" with "**CF**" when you require steel!
C = Stainless Steel, 1.4571 **CF** = Galvanized Steel Cr(VI)-free

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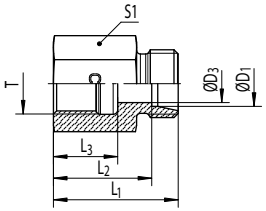
C-GAI-R

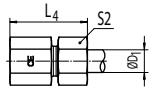
Female Connectors

Female Thread (DIN 3852-2 / ISO 1179-1)
24° Tube Connection (DIN EN ISO 8434-1)



C-GAI-NPT





Series	PN [bar] C	PN [bar] CF	ØD1 [mm]	T	ØD3 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	S1 [mm]	S2 [mm]	Ordering Code*	kg/ 100
L	315	315	6	G1/8	4	26.0	19.0	12.0	34.0	14	14	**C-GAI 06 LR X**	1.9
			6	G1/4	4	31.0	24.0	17.0	39.0	19	14	**C-GAI 06 LR 1/4 X**	3.9
			8	G1/4	6	31.0	24.0	17.0	39.0	19	17	**C-GAI 08 LR X**	3.8
			8	G3/8	6	32.0	25.0	17.0	40.0	24	17	**C-GAI 08 LR 3/8 X**	6.2
			8	G1/2	6	36.0	29.0	20.0	44.0	27	17	**C-GAI 08 LR 1/2 X**	8.0
			10	G1/4	8	32.0	25.0	17.0	40.0	19	19	**C-GAI 10 LR X**	4.1
			10	G3/8	8	33.0	26.0	17.0	41.0	24	19	**C-GAI 10 LR 3/8 X**	6.2
			10	G1/2	8	37.0	30.0	20.0	45.0	27	19	**C-GAI 10 LR 1/2 X**	8.0
			12	G3/8	10	33.0	26.0	17.0	41.0	24	22	**C-GAI 12 LR X**	6.2
			12	G1/2	10	37.0	30.0	20.0	45.0	27	22	**C-GAI 12 LR 1/2 X**	8.0
			15	G1/2	12	38.0	31.0	20.0	46.0	27	27	**C-GAI 15 LR X**	8.8
			18	G1/2	15	38.0	30.5	20.0	47.0	27	32	**C-GAI 18 LR X**	8.9
			18	G3/8	15	34.0	26.5	17.0	43.0	27	32	**C-GAI 18 LR 3/8 X**	9.6
	160	160	22	G3/4	19	43.0	35.5	22.0	52.0	36	36	**C-GAI 22 LR X**	17.3
			28	G1	24	45.5	38.0	24.5	54.5	41	41	**C-GAI 28 LR X**	21.0
			35	G1 1/4	30	51.5	41.0	26.5	62.5	55	50	**C-GAI 35 LR X**	46.1
			42	G1 1/2	36	53.5	42.5	28.5	65.5	60	60	**C-GAI 42 LR X**	52.2
S	400	400	6	G1/4	4	33.0	26.0	17.0	41.0	19	17	**C-GAI 06 SR X**	4.2
			8	G1/4	5	33.0	26.0	17.0	41.0	19	19	**C-GAI 08 SR X**	4.9
			10	G3/8	7	34.0	26.5	17.0	43.0	24	22	**C-GAI 10 SR X**	6.9
			12	G3/8	8	34.0	26.5	17.0	43.0	24	24	**C-GAI 12 SR X**	7.0
			12	G1/2	8	38.0	30.5	20.0	47.0	30	24	**C-GAI 12 SR 1/2 X**	8.9
			14	G1/2	10	40.0	32.0	20.0	50.0	30	27	**C-GAI 14 SR X**	12.3
			16	G1/2	12	40.0	31.5	20.0	50.0	30	30	**C-GAI 16 SR X**	12.4
	315	315	20	G3/4	16	45.0	34.5	22.0	56.0	36	36	**C-GAI 20 SR X**	19.0
			25	G1	20	49.5	37.5	24.5	61.5	41	46	**C-GAI 25 SR X**	24.2
			30	G1 1/4	25	55.5	42.0	26.5	68.5	55	50	**C-GAI 30 SR X**	50.1
	250	250	38	G1 1/2	32	59.5	43.5	28.5	74.5	60	60	**C-GAI 38 SR X**	52.6

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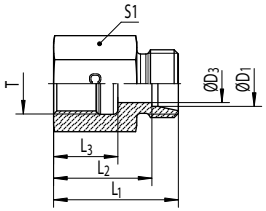
C-GAI-NPT

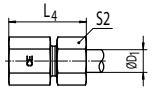
Female Connector

Female NPT Thread (SAE J476) /
24° Tube Connection (DIN EN ISO 8434-1)



C-MAV-R





Series	PN [bar] C	PN [bar] CF	ØD1 [mm]	T	ØD3 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	S1 [mm]	S2 [mm]	Ordering Code*	kg/ 100
L	315	315	6	1/8-27 NPT	4	26.0	19.0	11.6	34.0	14	14	**C-GAI 06 L 1/8 NPT X**	1.9
			6	1/4-18 NPT	4	30.5	23.5	16.4	38.5	19	14	**C-GAI 06 L 1/4 NPT X**	3.8
			8	1/4-18 NPT	6	30.5	23.5	16.4	38.5	19	17	**C-GAI 08 L 1/4 NPT X**	3.9
			10	1/4-18 NPT	8	31.0	24.0	16.4	39.0	19	19	**C-GAI 10 L 1/4 NPT X**	4.0
			12	3/8-18 NPT	10	34.0	27.0	17.4	42.0	24	22	**C-GAI 12 L 3/8 NPT X**	6.9
			12	1/2-14 NPT	10	39.0	32.0	22.6	47.0	27	22	**C-GAI 12 L 1/2 NPT X**	8.9
			15	1/2-14 NPT	12	40.0	33.0	22.6	48.0	27	27	**C-GAI 15 L 1/2 NPT X**	9.6
			18	1/2-14 NPT	15	40.0	32.5	22.6	49.0	27	32	**C-GAI 18 L 1/2 NPT X**	10.0
	160	160	22	3/4-14 NPT	19	43.0	35.5	23.1	52.0	36	36	**C-GAI 22 L 3/4 NPT X**	18.3
			28	1-11 1/2 NPT	24	48.0	40.5	27.8	57.0	41	41	**C-GAI 28 L 1 NPT X**	23.7
			35	1 1/4-11 1/2 NPT	30	51.0	40.5	28.3	62.0	55	50	**C-GAI 35 L 1 1/4 NPT X**	46.8
			42	1 1/2-11 1/2 NPT	36	53.0	42.0	28.3	65.0	60	60	**C-GAI 42 L 1 1/2 NPT X**	54.3
S	400	400	6	1/8-27 NPT	4	29.0	22.0	11.6	37.0	14	17	**C-GAI 06 S 1/8 NPT X**	2.5
			6	1/4-18 NPT	4	33.0	26.0	16.4	41.0	19	17	**C-GAI 06 S 1/4 NPT X**	4.4
			8	1/4-18 NPT	5	33.0	26.0	16.4	41.0	19	19	**C-GAI 08 S 1/4 NPT X**	4.7
			10	3/8-18 NPT	7	35.0	27.5	17.4	44.0	24	22	**C-GAI 10 S 3/8 NPT X**	7.4
			12	1/4-18 NPT	8	32.5	25.0	16.4	41.5	22	24	**C-GAI 12 S 1/4 NPT X**	6.7
			12	3/8-18 NPT	8	35.0	27.5	17.4	44.0	24	24	**C-GAI 12 S 3/8 NPT X**	7.7
			12	1/2-14 NPT	8	41.0	33.5	22.6	50.0	27	24	**C-GAI 12 S 1/2 NPT X**	10.2
			14	1/2-14 NPT	10	43.0	35.0	22.6	53.0	27	27	**C-GAI 14 S 1/2 NPT X**	10.7
			16	1/2-14 NPT	12	43.0	34.5	22.6	53.0	27	30	**C-GAI 16 S 1/2 NPT X**	10.9
	315	315	20	1/2-14 NPT	16	44.0	33.5	22.6	55.0	32	36	**C-GAI 20 S 1/2 NPT X**	17.4
			20	3/4-14 NPT	16	46.0	35.5	23.1	57.0	36	36	**C-GAI 20 S 3/4 NPT X**	20.5
			25	1-11 1/2 NPT	20	53.0	41.0	27.8	65.0	41	46	**C-GAI 25 S 1 NPT X**	27.8
			30	1 1/4-11 1/2 NPT	25	57.0	43.5	28.3	70.0	55	50	**C-GAI 30 S 1 1/4 NPT X**	53.5
	250	250	38	1 1/2-11 1/2 NPT	32	59.0	43.0	28.3	74.0	60	60	**C-GAI 38 S 1 1/2 NPT X**	62.8

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C-MAV-R

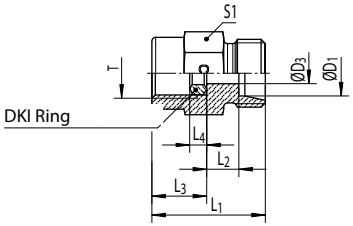
Pressure Gauge Connector

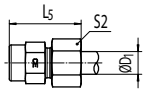
Female BSPP Thread /
24° Tube Connection (DIN EN ISO 8434-1)



C-MAVE







Series	PN [bar] C	PN [bar] CF	ØD1 [mm]	T	ØD3 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	S1 [mm]	S2 [mm]	Ordering Code*	kg/ 100
LL	100	100	4	G1/4	2.5	27	8.5	14.5	4.5	33	19	10	**C-MAV 04 LLR OMD**	3.5
L	315	315	6	G1/4	2.5	29	7.5	14.5	4.5	37	19	14	**C-MAV 06 LR OMD**	3.8
			8	G1/4	5.5	29	7.5	14.5	4.5	37	19	17	**C-MAV 08 LR OMD**	3.9
			10	G1/4	5.5	30	8.5	14.5	4.5	38	19	19	**C-MAV 10 LR OMD**	4.1
			12	G1/4	5.5	30	8.5	14.5	4.5	38	19	22	**C-MAV 12 LR OMD**	4.3
S	630	630	6	G1/2	3.5	38	11	20	5.0	46	27	17	**C-MAV 06 SR OMD**	9.0
			8	G1/2	3.5	38	11	20	5.0	46	27	19	**C-MAV 08 SR OMD**	9.3
			10	G1/2	7.5	38	10.5	20	5.0	47	27	22	**C-MAV 10 SR OMD**	9.3
			12	G1/2	7.5	38	10.5	20	5.0	47	27	24	**C-MAV 12 SR OMD**	9.6

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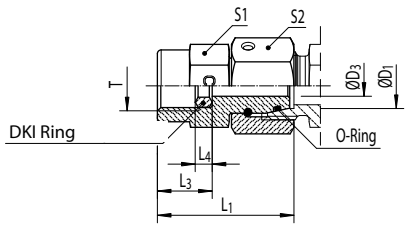
C-MAVE

Pressure Gauge Swivel Connector

24° Swivel (DIN EN ISO 8434-1) /
Female BSPP Thread



Reducing / Expanding Male Stud Connectors Overview



Series	PN [bar] C	PN [bar] CF	ØD1 [mm]	T	ØD3 [mm]	L1 [mm]	L3 [mm]	L4 [mm]	S1 [mm]	S2 [mm]	Ordering Code*	kg/ 100
L	315	315	6	G 1/4	2.5	35.5	14.5	4.5	19	14	**C-MAVE 06 LR**	4.7
			8	G 1/4	4.0	35.5	14.5	4.5	19	17	**C-MAVE 08 LR**	5.4
			10	G 1/4	5.5	36.0	14.5	4.5	19	19	**C-MAVE 10 LR**	6.0
			12	G 1/4	5.5	36.0	14.5	4.5	19	22	**C-MAVE 12 LR**	7.2
S	630	630	6	G 1/2	2.5	42.5	20.0	5.0	27	17	**C-MAVE 06 SR**	10.2
			6	G 1/4	2.5	35.5	14.5	4.5	19	17	**C-MAVE 06 SR 1/4**	5.4
			8	G 1/2	4.0	43.5	20.0	5.0	27	19	**C-MAVE 08 SR**	10.8
			8	G 1/4	4.0	35.5	14.5	4.5	19	19	**C-MAVE 08 SR 1/4**	5.9
			10	G 1/2	6.0	43.5	20.0	5.0	27	22	**C-MAVE 10 SR**	11.7
			10	G 1/4	7.0	36.0	14.5	4.5	19	22	**C-MAVE 10 SR 1/4**	6.8
			12	G 1/2	7.0	45.0	20.0	5.0	27	24	**C-MAVE 12 SR**	12.9
			12	G 1/4	7.0	39.0	14.5	4.5	19	24	**C-MAVE 12 SR 1/4**	8.5

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C = Stainless Steel, 1.4571 (Seal FKM) **CF** = Galvanized Steel Cr(VI)-free (Seal NBR)

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