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CONEXA TUBE FITTINGS

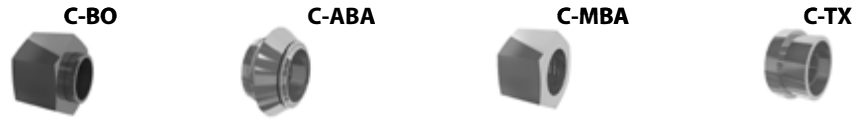
DIN-FITTINGS OVERVIEW

TUBE CONNECTION FITTINGS

Tube Connection Fittings



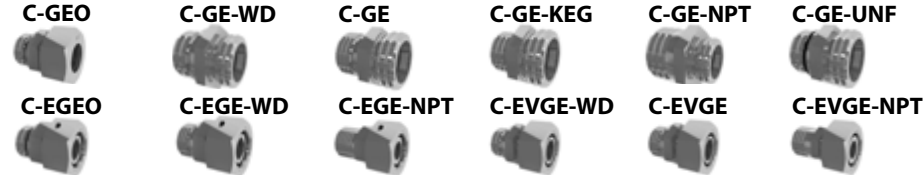
Flared Tube Connectors



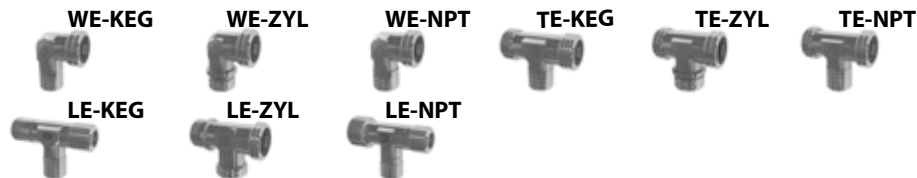
Connection Studs



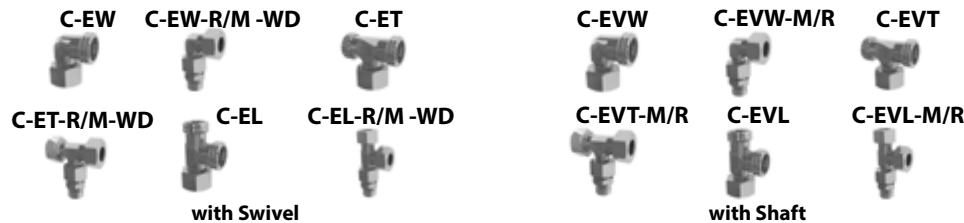
Male Studs



Non-Adjustable Male Studs



Adjustable Male Studs



Banjo Fittings



Straight Connectors



Reducer Fittings



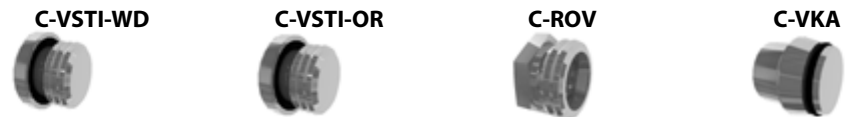
Tube to Female and Pressure Gauge Adaptors



Male-Female Studs - Thread Reducer



Plugs



Components



TUBE CONNECTION FITTINGS OVERVIEW

Swivel Nut
for 24° tube connection

Cutting Ring (Stainless Steel)
for 24° tube connection

Cutting Ring (Steel)
for 24° tube connection

Cutting Ring B4
for 24° tube connection

C-M Tube Connection Fittings
Swivel Nut
for 24° tube connection



CF-D
CF-DPR

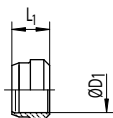
Series	PN [bar]		ØD ₁ [mm]	T	L ₁ [mm]	S1 [mm]	Ordering Code *	kg/100
	C	CF						
LL	100	100	4	M8x1	11.0	10	C-M 04 LL X	0.4
			6	M10x1	11.5	12	C-M 06 LL X	0.6
			8	M12x1	12.0	14	C-M 08 LL X	0.7
			10	M14x1	12.5	17	C-M 10 LL X	1.1
			12	M16x1	13.0	19	C-M 12 LL X	1.3
L	315	500	6	M12x1.5	14.5	14	C-M 06 LX	0.3
			8	M14x1.5	14.5	17	C-M 08 LX	1.4
			10	M16x1.5	15.5	19	C-M 10 LX	1.7
	315	400	12	M18x1.5	15.5	22	C-M 12 LX	2.4
			15	M22x1.5	17.0	27	C-M 15 LX	4.0
			18	M26x1.5	18.0	32	C-M 18 LX	5.8
			22	M30x2	20.0	36	C-M 22 LX	7.9
	160	250	28	M36x2	21.0	41	C-M 28 LX	9.1
			35	M45x2	24.0	50	C-M 35 LX	13.5
			42	M52x2	24.0	60	C-M 42 LX	21.6
6			M14x1.5	16.5	17	C-M 06 SX	1.6	
S	630	800	8	M16x1.5	16.5	19	C-M 08 SX	1.9
			10	M18x1.5	17.5	22	C-M 10 SX	2.9
			12	M20x1.5	17.5	24	C-M 12 SX	3.3
	630	630	14	M22x1.5	20.5	27	C-M 14 SX	5.0
			16	M24x1.5	20.5	30	C-M 16 SX	6.4
	400	630	20	M30x2	24.0	36	C-M 20 SX	10.0
			25	M36x2	27.0	46	C-M 25 SX	20.6
			30	M42x2	29.0	50	C-M 30 SX	22.3
	250	400	38	M52x2	32.5	60	C-M 38 SX	32.0

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

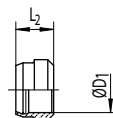


CF-D/CF-DPR

Tube Connection Fittings
Cutting Ring for
24° Connection, Steel



Cutting Ring
Type D

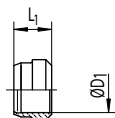


2-Edge Cutting Ring
DPR Type

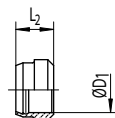
Series	PN [bar] CF	ØD ₁ [mm]	L ₁ [mm]	L ₂ [mm]	Ordering Code	kg/ 100
LL	100	4	6.0	-	CF-D 04 LL X	0.03
		6	7.0	-	CF-D 06 LL X	0.08
		8	7.0	-	CF-D 08 LL X	0.10
		10	7.0	-	CF-D 10 LL X	0.10
		12	7.5	-	CF-D 12 LL X	0.20
L	500	6	-	9.5	CF-DPR 06 L X	0.20
		8	-	9.5	CF-DPR 08 L X	0.20
		10	-	10.0	CF-DPR 10 L X	0.30
	400	12	-	10.0	CF-DPR 12 L X	0.30
		15	-	10.0	CF-DPR 15 L X	0.40
		18	-	10.0	CF-DPR 18 L X	0.60
	250	22	-	11.5	CF-DPR 22 L X	0.70
		28	-	11.5	CF-DPR 28 L X	0.90
		35	-	13.5	CF-DPR 35 L X	1.90
		42	-	13.5	CF-DPR 42 L X	2.20
S	800	6	-	9.5	CF-DPR 06 S X	0.20
		8	-	9.5	CF-DPR 08 S X	0.20
		10	-	10.0	CF-DPR 10 S X	0.30
	630	12	-	10.0	CF-DPR 12 S X	0.30
		14	-	10.5	CF-DPR 14 S X	0.40
		16	-	10.5	CF-DPR 16 S X	0.60
	400	20	-	12.5	CF-DPR 20 S X	1.10
		25	-	12.5	CF-DPR 25 S X	1.30
		30	-	13.5	CF-DPR 30 S X	1.80
		38	-	13.5	CF-DPR 38 S X	2.20

C-D/C-DPR

Tube Connection Fittings
Cutting Ring for
24° Connection - 1.4571



Cutting Ring
Type D



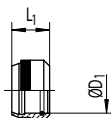
2-Edge Cutting Ring
DPR Type

Series	PN [bar] C	ØD ₁ [mm]	L ₁ [mm]	L ₂ [mm]	Ordering Code *	kg/ 100
LL	100	4	6.0	-	C-D 04 LL X	0.03
		6	7.0	-	C-D 06 LL X	0.08
		8	7.0	-	C-D 08 LL X	0.10
		10	7.0	-	C-D 10 LL X	0.10
		12	7.5	-	C-D 12 LL X	0.20
L	315	6	-	9.0	C-DPR 06 L X	0.20
		8	-	9.0	C-DPR 08 L X	0.20
		10	-	10.5	C-DPR 10 L X	0.30
		12	-	9.7	C-DPR 12 L X	0.30
		15	-	9.5	C-DPR 15 L X	0.40
	160	18	-	9.5	C-DPR 18 L X	0.60
		22	-	10.5	C-DPR 22 L X	0.70
		28	-	11.0	C-DPR 28 L X	0.90
		35	-	13.5	C-DPR 35 L X	1.90
		42	-	13.5	C-DPR 42 L X	2.20
S	630	6	-	9.0	C-DPR 06 S X	0.20
		8	-	9.0	C-DPR 08 S X	0.20
		10	-	10.5	C-DPR 10 S X	0.30
		12	-	9.7	C-DPR 12 S X	0.30
		14	-	9.5	C-DPR 14 S X	0.40
	400	16	-	10.5	C-DPR 16 S X	0.60
		20	-	12.5	C-DPR 20 S X	1.10
		25	-	12.5	C-DPR 25 S X	1.30
		30	-	13.0	C-DPR 30 S X	1.80
	250	38	-	13.0	C-DPR 38 S X	2.20



C-B4 Tube Connection Fittings

Cutting Ring for
24° Connection, Type B4



Series	PN [bar]		ØD ₁ [mm]	L ₁ [mm]	Ordering Code *	kg/100
	C	CF				
L	315	315	6	9.5	C-B4 06 L X	0.15
			8	9.5	C-B4 08 L X	0.20
			10	10.0	C-B4 10 L X	0.29
			12	10.0	C-B4 12 L X	0.35
			15	10.0	C-B4 15 L X	0.42
			18	10.0	C-B4 18 L X	0.50
	160	160	22	10.5	C-B4 22 L X	0.62
			28	11.0	C-B4 28 L X	0.78
			35	13.0	C-B4 35 L X	1.75
			42	13.0	C-B4 42 L X	2.30
S	630	630	6	9.5	C-B4 06 S X	0.15
			8	9.5	C-B4 08 S X	0.26
			10	10.0	C-B4 10 S X	0.28
			12	10.0	C-B4 12 S X	0.34
			14	10.0	C-B4 14 S X	0.38
			400	400	16	10.5
	20	12.0			C-B4 20 S X	1.00
	25	12.0			C-B4 25 S X	1.35
	30	13.0			C-B4 30 S X	1.76
	315	315	38	13.0	C-B4 38 S X	2.17

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

FLARED TUBE CONNECTORS OVERVIEW

Flared Tube Connectors
for Tube Connectors

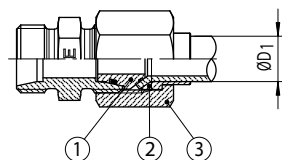
Flared Tube Connectors
Flared Tube Connectors

Flared Tube Connectors
Swivel Nut for Flared Tube Connector

Flared Tube Connectors
Pressure Ring for Flared Tube
Connectors

C-BO Flared Tube Connectors

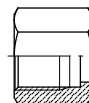
for Tube Connectors
(DIN 3949)



① Adaptor
ABA



② Pressure
Ring
TX



③ Swivel Nut
MBA

Series	PN [bar]		ØD ₁ [mm]	Ordering Code *	kg/ 100	
	C	CF				
L	500	500	6	C-BO 06 L	1.6	
			8	C-BO 08 L	2.5	
			10	C-BO 10 L	3.3	
	400	400	12	C-BO 12 L	4.5	
			15	C-BO 15 L	7.5	
			18	C-BO 18 L	10.0	
			22	C-BO 22 L	13.9	
			28	C-BO 28 L	15.1	
	250	250	35	C-BO 35 L	24.8	
			42	C-BO 42 L	41.8	
S			630	6	C-BO 06 S	2.4
				8	C-BO 08 S	3.2
				10	C-BO 10 S	4.6
				12	C-BO 12 S	5.4
				14	C-BO 14 S	7.9
	16	C-BO 16 S		10.7		
	400	400		20	C-BO 20 S	15.5
				25	C-BO 25 S	26.7
30			C-BO 30 S	32.3		
38			C-BO 38 S	50.6		

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

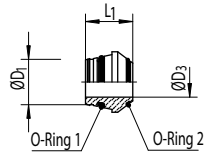
C-BO





C-ABA Flared Tube Connectors

Flared Tube Connectors
(DIN 3949)



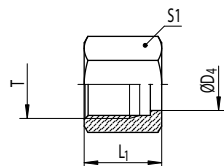
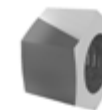
Series	PN [bar]		ØD ₁ [mm]	ØD ₃ [mm]	L ₁ [mm]	Ordering Code *	kg/100			
	C	CF								
L	500	500	6	3	11.5	C-ABA 06 L/S	0.3			
			8	5	12.0	C-ABA 08 L/S	0.4			
			10	6	12.5	C-ABA 10 L/S	0.7			
	400	400	12	8	12.5	C-ABA 12 L/S	0.8			
			15	11	12.5	C-ABA 15 L	1.1			
			18	14	13.0	C-ABA 18 L	1.3			
			22	17	14.2	C-ABA 22 L	2.1			
			28	23	14.7	C-ABA 28 L	2.7			
	250	250	35	28	18.5	C-ABA 35 L	5.9			
			42	35	20.5	C-ABA 42 L	7.9			
			S	630	630	6	3	11.5	C-ABA 06 L/S	0.3
						8	5	12.0	C-ABA 08 L/S	0.4
10	6	12.5				C-ABA 10 L/S	0.7			
12	8	12.5				C-ABA 12 L/S	0.8			
14	9	14.0				C-ABA 14 S	1.3			
16	11	15.0		C-ABA 16 S	1.5					
400	400	20		14	18.5	C-ABA 20 S	2.8			
		25		19	20.0	C-ABA 25 S	3.8			
		30	23	22.0	C-ABA 30 S	5.8				
			38	30	26.0	C-ABA 38 S	9.1			

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



C-MBA Flared Tube Connectors

Swivel Nut for
Flared Tube Connector (DIN 3949)

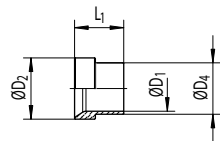


Series	PN [bar] C	ØD ₁ [mm]	L ₁ [mm]	L ₂ [mm]	Ordering Code *	kg/ 100
LL	100	4	6.0	-	C-D 04 LL X	0.03
		6	7.0	-	C-D 06 LL X	0.08
		8	7.0	-	C-D 08 LL X	0.10
		10	7.0	-	C-D 10 LL X	0.10
		12	7.5	-	C-D 12 LL X	0.20
L	315	6	-	9.0	C-DPR 06 L X	0.20
		8	-	9.0	C-DPR 08 L X	0.20
		10	-	10.5	C-DPR 10 L X	0.30
		12	-	9.7	C-DPR 12 L X	0.30
		15	-	9.5	C-DPR 15 L X	0.40
	160	18	-	9.5	C-DPR 18 L X	0.60
		22	-	10.5	C-DPR 22 L X	0.70
		28	-	11.0	C-DPR 28 L X	0.90
		35	-	13.5	C-DPR 35 L X	1.90
		42	-	13.5	C-DPR 42 L X	2.20
S	630	6	-	9.0	C-DPR 06 S X	0.20
		8	-	9.0	C-DPR 08 S X	0.20
		10	-	10.5	C-DPR 10 S X	0.30
		12	-	9.7	C-DPR 12 S X	0.30
		14	-	9.5	C-DPR 14 S X	0.40
	400	16	-	10.5	C-DPR 16 S X	0.60
		20	-	12.5	C-DPR 20 S X	1.10
		25	-	12.5	C-DPR 25 S X	1.30
		30	-	13.0	C-DPR 30 S X	1.80
	250	38	-	13.0	C-DPR 38 S X	2.20



C-TX Flared Tube Connectors

Pressure Ring for
flared tube adaptors (DIN 3949)



Series	PN [bar]		ØD ₁ [mm]	ØD ₂ [mm]	ØD ₄ [mm]	L ₁ [mm]	Ordering Code *	kg/ 100		
	C	CF								
L	500	500	6	10.2	7.6	10.5	C-TX 06 L/S X	0.2		
			8	12.2	9.3	11.0	C-TX 08 L/S X	0.3		
			10	14.2	11.5	12.5	C-TX 10 L/S X	0.4		
	400	400	12	16.2	13.6	13.0	C-TX 12 L/S X	0.5		
			15	20.2	17.5	14.0	C-TX 15 L X	1.0		
			18	24.2	21.0	14.5	C-TX 18 L X	1.5		
	250	250	22	27.8	24.2	18.0	C-TX 22 L X	1.6		
			28	33.8	30.2	17.0	C-TX 28 L X	2.0		
			35	42.7	38.0	19.0	C-TX 35 L X	3.7		
			42	49.7	45.0	21.0	C-TX 42 L X	5.1		
			S	630	6	10.2	7.6	10.5	C-TX 06 L/S X	0.2
					8	12.2	9.3	11.0	C-TX 08 L/S X	0.3
10	14.2	11.5			12.5	C-TX 10 L/S X	0.4			
12	16.2	13.6			13.0	C-TX 12 L/S X	0.5			
14	20.2	17.5			14.5	C-TX 14 S X	1.2			
16	22.0	18.5			17.0	C-TX 16 S X	1.4			
400	400	20	27.8	24.2	17.5	C-TX 20 S X	2.5			
		25	32.8	28.5	20.0	C-TX 25 S X	3.1			
		30	39.0	34.0	21.5	C-TX 30 S X	4.5			
		38	48.5	42.0	26.5	C-TX 38 S X	7.5			

*Replace the character "C" with "CF" when you require steel!
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CONNECTION STUDS OVERVIEW

Male Stud Connector
24° Tube Connection

Elbow Studs
24° Tube Connection

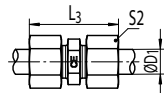
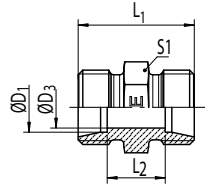
Union T
24° Tube Connection

Union-Cross
24° Tube Connection

Bulkhead Union
24° Tube Connection

Elbow Bulkhead Union
24° Tube Connection

C-G Connection Studs
Male Stud Connector
24° Tube Connection (DIN EN ISO 8434-1)



Series	PN [bar]		ØD ₁ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg/ 100
	C	CF									
LL	100	100	4	3.0	20	12	32	9	10	C-G 04 LL X	0.6
			6	4.5	20	9	32	11	12	C-G 06 LL X	0.7
			8	6.0	23	12	35	12	14	C-G 08 LL X	1.1
			10	8.0	23	12	35	14	17	C-G 10 LL X	1.3
			12	10.0	23	11	35	17	19	C-G 12 LL X	1.6
L	315	500	6	4.0	24	10	40	12	14	C-G 06 L X	1.3
			8	6.0	25	11	41	14	17	C-G 08 L X	1.6
			10	8.0	27	13	43	17	19	C-G 10 L X	2.5
	315	400	12	10.0	28	14	44	19	22	C-G 12 L X	2.8
			15	12.0	30	16	46	24	27	C-G 15 L X	4.8
			18	15.0	31	16	49	27	32	C-G 18 L X	6.7
	160	250	22	19.0	35	20	53	32	36	C-G 22 L X	8.9
			28	24.0	36	21	54	41	41	C-G 28 L X	13.5
			35	30.0	41	20	63	46	50	C-G 35 L X	21.0
			42	36.0	43	21	67	55	60	C-G 42 L X	29.6
S	630	800	6	4.0	30	16	46	14	17	C-G 06 S X	2.5
			8	5.0	32	18	48	17	19	C-G 08 S X	3.7
			10	7.0	32	17	50	19	22	C-G 10 S X	4.3
	630	630	12	8.0	34	19	52	22	24	C-G 12 S X	6.3
			14	10.0	38	22	58	24	27	C-G 14 S X	7.6
	400	630	16	12.0	38	21	58	27	30	C-G 16 S X	8.8
	400	400	20	16.0	44	23	66	32	36	C-G 20 S X	14.2
			25	20.0	50	26	74	41	46	C-G 25 S X	25.1
			30	25.0	54	27	80	46	50	C-G 30 S X	33.0
	250	400	38	32.0	61	29	91	55	60	C-G 38 S X	54.1

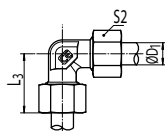
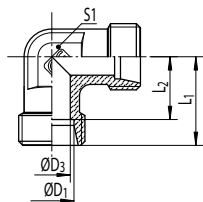
*Replace the character "C" with "CF" when you require steel!
C = Stainless Steel, 1.4571 CF = Galvanized Steel Cr(VI)-free



C-W Connection Studs

Elbow Studs

24° Tube Connection (DIN EN ISO 8434-1)



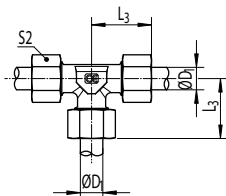
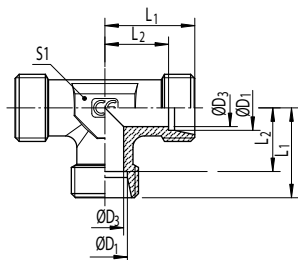
Series	PN [bar]		ØD ₁ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100
	C	CF									
LL	100	100	4	3.0	15	11.0	21	9	10	C-W 04 LL X	0.9
			6	4.5	15	9.5	21	9	12	C-W 06 LL X	0.9
			8	6.0	17	11.5	23	12	14	C-W 08 LL X	1.5
			10	8.0	21	15.5	27	12	17	C-W 10 LL X	1.9
			12	10.0	21	15.0	27	14	19	C-W 12 LL X	2.6
L	315	500	6	4.0	19	12.0	27	12	14	C-W 06 L X	1.9
			8	6.0	21	14.0	29	12	17	C-W 08 L X	2.2
			10	8.0	22	15.0	30	14	19	C-W 10 L X	3.0
	315	400	12	10.0	24	17.0	32	17	22	C-W 12 L X	4.1
			15	12.0	28	21.0	36	19	27	C-W 15 L X	7.6
			18	15.0	31	23.5	40	24	32	C-W 18 L X	10.8
	160	250	22	19.0	35	27.5	44	27	36	C-W 22 L X	14.6
			28	24.0	38	30.5	47	36	41	C-W 28 L X	23.9
			35	30.0	45	34.5	56	41	50	C-W 35 L X	38.8
			42	36.0	51	40.0	63	50	60	C-W 42 L X	58.7
S	630	800	6	4.0	23	16.0	31	12	17	C-W 06 S X	3.3
			8	5.0	24	17.0	32	14	19	C-W 08 S X	4.5
			10	7.0	25	17.5	34	17	22	C-W 10 S X	5.5
	630	630	12	8.0	29	21.5	38	17	24	C-W 12 S X	8.1
			14	10.0	30	22.0	40	19	27	C-W 14 S X	9.6
	400	630	16	12.0	33	24.5	43	24	30	C-W 16 S X	13.6
			20	16.0	37	26.5	48	27	36	C-W 20 S X	18.8
	400	400	25	20.0	42	30.0	54	36	46	C-W 25 S X	33.7
			30	25.0	49	35.5	62	41	50	C-W 30 S X	51.5
			38	32.0	57	41.0	72	50	60	C-W 38 S X	79.7

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



C-T Connection Studs

Union T
24° Tube Connection (DIN EN ISO 8434-1)



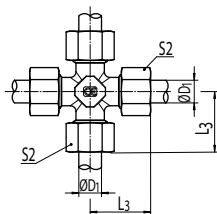
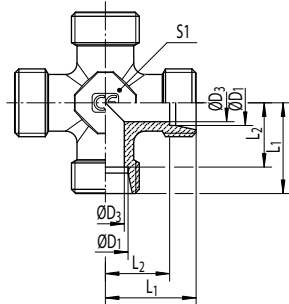
Series	PN [bar]		ØD ₁ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100
	C	CF									
LL	100	100	4	3.0	15	11.0	21	9	10	C-T 04 LL X	1.1
			6	4.5	15	9.5	21	9	12	C-T 06 LL X	1.2
			8	6.0	17	11.5	23	12	14	C-T 08 LL X	1.8
			10	8.0	21	15.5	27	12	17	C-T 10 LL X	3.7
			12	10.0	21	15.0	27	14	19	C-T 12 LL X	4.9
L	315	500	6	4.0	19	12.0	27	12	14	C-T 06 LX	2.6
			8	6.0	21	14.0	29	12	17	C-T 08 LX	3.1
			10	8.0	22	15.0	30	14	19	C-T 10 LX	4.1
	315	400	12	10.0	24	17.0	32	17	22	C-T 12 LX	5.7
			15	12.0	28	21.0	36	19	27	C-T 15 LX	9.8
			18	15.0	31	23.5	40	24	32	C-T 18 LX	14.3
			22	19.0	35	27.5	44	27	36	C-T 22 LX	18.3
	160	250	28	24.0	38	30.5	47	36	41	C-T 28 LX	31.3
			35	30.0	45	34.5	56	41	50	C-T 35 LX	46.0
			42	36.0	51	40.0	63	50	60	C-T 42 LX	68.7
6			4.0	23	16.0	31	12	17	C-T 06 SX	4.7	
S	630	800	8	5.0	24	17.0	32	14	19	C-T 08 SX	6.5
			10	7.0	25	17.5	34	17	22	C-T 10 SX	7.7
			12	8.0	29	21.5	38	17	24	C-T 12 SX	10.9
	630	630	14	10.0	30	22.0	40	19	27	C-T 14 SX	12.8
			16	12.0	33	24.5	43	24	30	C-T 16 SX	17.3
	400	630	20	16.0	37	26.5	48	27	36	C-T 20 SX	24.9
			25	20.0	42	30.0	54	36	46	C-T 25 SX	44.0
			30	25.0	49	35.5	62	41	50	C-T 30 SX	67.5
	250	400	38	32.0	57	41.0	72	50	60	C-T 38 SX	103.5

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



C-K Connection Studs

Union-Cross
24° Tube Connection (DIN EN ISO 8434-1)



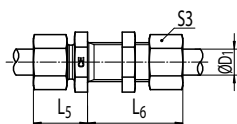
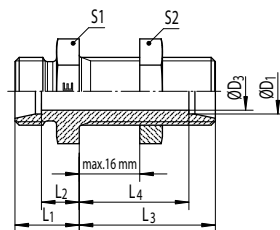
Series	PN [bar]		ØD ₁ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100	
	C	CF										
LL	100	100	4	3.0	15	11.0	21	9	10	C-K 04 LL X	1.5	
			6	4.5	15	9.5	21	9	12	C-K 06 LL X	1.6	
			8	6.0	17	11.5	23	12	14	C-K 08 LL X	2.4	
L	315	315	6	4.0	19	12.0	27	12	14	C-K 06 LX	3.6	
			8	6.0	21	14.0	29	12	17	C-K 08 LX	4.2	
			10	8.0	22	15.0	30	14	19	C-K 10 LX	5.2	
			12	10.0	24	17.0	32	17	22	C-K 12 LX	6.7	
			15	12.0	28	21.0	36	19	27	C-K 15 LX	12.4	
			18	15.0	31	23.5	40	24	32	C-K 18 LX	17.5	
	160	160	160	22	19.0	35	27.5	44	27	36	C-K 22 LX	22.8
				28	24.0	38	30.5	47	36	41	C-K 28 LX	37.4
				35	30.0	45	34.5	56	41	50	C-K 35 LX	56.5
				42	36.0	51	40.0	63	50	60	C-K 42 LX	83.9
S	630	630	6	4.0	23	16.0	31	12	17	C-K 06 SX	6.1	
			8	5.0	24	17.0	32	14	19	C-K 08 SX	8.2	
			10	7.0	25	17.5	34	17	22	C-K 10 SX	10.0	
			12	8.0	29	21.5	38	17	24	C-K 12 SX	13.9	
	400	400	14	10.0	30	22.0	40	19	27	C-K 14 SX	16.8	
	400	400	16	12.0	33	24.5	43	24	30	C-K 16 SX	21.9	
	315	315	315	20	16.0	37	26.5	48	27	36	C-K 20 SX	31.1
				25	20.0	42	30.0	54	36	46	C-K 25 SX	54.6
				30	25.0	49	35.5	62	41	50	C-K 30 SX	85.1
	250	315	38	32.0	57	41.0	72	50	60	C-K 38 SX	127.8	

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



C-SV Connection Studs

Bulkhead Union
24° Tube Connection (DIN EN ISO 8434-1)



Series	PN [bar]		ØD ₁ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	L ₆ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code *	kg/ 100
	C	CF													
L	315	500	6	4	14	7.0	34	27.0	22	42	17	17	14	C-SV 06 L OMD	3.9
			8	6	15	8.0	34	27.0	23	42	19	19	17	C-SV 08 L OMD	5.0
			10	8	17	10.0	35	28.0	25	43	22	22	19	C-SV 10 L OMD	6.8
	315	400	12	10	17	10.0	36	29.0	25	44	24	24	22	C-SV 12 L OMD	7.8
			15	12	19	12.0	38	31.0	27	46	27	30	27	C-SV 15 L OMD	12.8
			18	15	21	13.5	40	32.5	30	49	32	36	32	C-SV 18 L OMD	19.8
	160	250	22	19	24	16.5	42	34.5	33	51	36	41	36	C-SV 22 L OMD	25.4
			28	24	26	18.5	43	35.5	35	52	41	46	41	C-SV 28 L OMD	33.5
			35	30	29	18.5	47	36.5	40	58	50	55	50	C-SV 35 L OMD	54.6
			42	36	30	19.0	47	36.0	42	59	60	65	60	C-SV 42 L OMD	75.7
S	630	800	6	4	19	12.0	36	29.0	27	44	19	19	17	C-SV 06 S OMD	6.4
			8	5	20	13.0	36	29.0	28	44	22	22	19	C-SV 08 S OMD	8.6
			10	7	22	14.5	37	29.5	31	46	24	24	22	C-SV 10 S OMD	11.3
	630	630	12	8	22	14.5	38	30.5	31	47	27	27	24	C-SV 12 S OMD	14.2
			14	10	25	17.0	40	32.0	35	50	30	30	27	C-SV 14 S OMD	18.1
	400	630	16	12	25	16.5	40	31.5	35	50	32	32	30	C-SV 16 S OMD	17.7
			20	16	28	17.5	44	33.5	39	55	41	41	36	C-SV 20 S OMD	33.4
	400	400	25	20	32	20.0	47	35.0	44	59	46	46	46	C-SV 25 S OMD	49.0
			30	25	35	21.5	51	37.5	48	64	50	50	50	C-SV 30 S OMD	66.2
	250	400	38	32	38	22.0	53	37.0	53	68	65	65	60	C-SV 38 S OMD	106.0

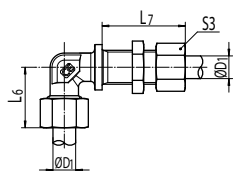
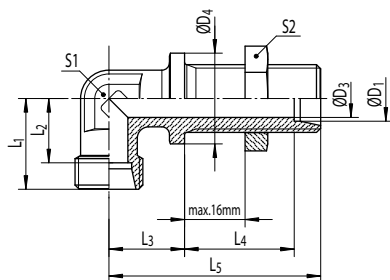
*Replace the character "C" with "CF" when you require steel!
C = Stainless Steel, 1.4571 CF = Galvanized Steel Cr(VI)-free

C-SV



C-WSV Connection Studs

Elbow Bulkhead Union
24° Tube Connection (DIN EN ISO 8434-1)



Series	PN [bar]		ØD ₁ [mm]	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	L ₆ [mm]	L ₇ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code *	kg/ 100
	C	CF															
L	315	315	6	4	17	19	12.0	14	27.0	48	27	42	12	17	14	C-WSV 06 L OMD	5.0
			8	6	19	21	14.0	17	27.0	51	29	42	12	19	17	C-WSV 08 L OMD	6.1
			10	8	22	22	15.0	18	28.0	53	30	43	14	22	19	C-WSV 10 L OMD	7.7
			12	10	24	24	17.0	20	29.0	56	32	44	17	24	22	C-WSV 12 L OMD	9.8
			15	12	27	28	21.0	23	31.0	61	36	46	19	30	27	C-WSV 15 L OMD	16.0
	160	160	22	19	36	35	27.5	30	34.5	72	44	51	27	41	36	C-WSV 22 L OMD	31.5
			28	24	42	38	30.5	34	35.5	77	47	52	36	46	41	C-WSV 28 L OMD	61.0
			35	30	50	45	34.5	39	36.5	86	56	58	41	55	50	C-WSV 35 L OMD	70.1
			42	36	60	51	40.0	43	36.0	90	63	59	50	65	60	C-WSV 42 L OMD	102.3
			630	630	6	4	19	23	16.0	17	29.0	53	31	44	12	19	17
S	400	400	8	5	22	24	17.0	18	29.0	54	32	44	14	22	19	C-WSV 08 S OMD	9.7
			10	7	24	25	17.5	20	29.5	57	34	46	17	24	22	C-WSV 10 S OMD	12.3
			12	8	27	29	21.5	21	30.5	59	38	47	17	27	24	C-WSV 12 S OMD	15.5
			14	10	27	30	22.0	23	32.0	63	40	50	19	30	27	C-WSV 14 S OMD	19.4
	400	400	16	12	30	33	24.5	24	31.5	64	43	50	24	32	30	C-WSV 16 S OMD	24.0
			20	16	36	37	26.5	30	33.5	74	48	55	27	41	36	C-WSV 20 S OMD	37.9
	400	400	25	20	42	42	30.0	34	35.0	81	54	59	36	46	46	C-WSV 25 S OMD	62.5
			30	25	50	49	35.5	39	37.5	90	62	64	41	50	50	C-WSV 30 S OMD	84.9
250	315	38	32	60	57	41.0	43	37.0	96	72	68	50	65	60	C-WSV 38 S OMD	142.8	

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

MALE STUDS OVERVIEW

Non-Adjustable
Male Studs
Overview

Male Stud Connector
Male Stud Connector - O-Ring /
24° Tube Connection

Male Stud Connector
Male Stud Connector - Captive seal /
24° Tube Connection

Male Stud Connector
Male stud connector with sealing
edge / 24° Tube Connection

Male Stud Connector
Male Stud Connector - Tapered /
24° Tube Connection

Male Stud Connector
Male Stud Connector - NPT /
24° Tube Connection

Male Stud Connector
UNF/UN Male Stud Connector with O-
Ring / 24° Tube Connection

**Male Stud Connector
with Cone**
Male Stud Connector -
O-Ring /
24° Cone

**Male Stud Connector
with Cone**
Male Stud Connector -
Captive seal / 24° Cone

**Male Stud Connector
with Cone**
Male Stud Connector - NPT /
24° Cone

**Male Stud Connector
with Shaft**
Male Stud Connector - Captive seal /
24° Shaft Connector

**Male Stud Connector
with Shaft**
Male stud connector with sealing
edge / 24° Shaft Connector

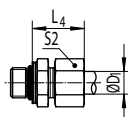
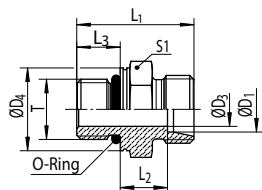
**Male Stud Connector
with Shaft**
Male Stud Connector - NPT /
24° Shaft Connector

C-GEO Male Stud Connector

Metric Male Stud Connector O-Ring (ISO 6149) /
24° Tube Connection (DIN EN ISO 8434-1)



C-GE-R-WD
(LL, L)



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg/100
	C	CF												
LL	100	100	4	M08x1	3.0	11	20.0	9.5	6.5	19.0	11	10	C-GEO 04 LLM OMD	0.9
			4	M10x1	3.0	13	20.0	9.5	6.5	19.0	13	10	C-GEO 04 LLM 10x1 OMD	1.1
			6	M10x1	4.5	13	20.0	8.0	6.5	19.5	13	12	C-GEO 06 LLM OMD	1.0
L	315	500	6	M10x1	4.5	14	24.0	8.5	8.5	23.0	14	14	C-GEO 06 LM OMD	1.4
			8	M12x1.5	6.0	17	28.0	10.0	11.0	25.0	17	17	C-GEO 08 LM OMD	2.3
			10	M14x1.5	7.5	19	29.0	11.0	11.0	26.0	19	19	C-GEO 10 LM OMD	2.7
	315	400	12	M16x1.5	9.0	22	31.0	12.5	11.5	27.0	22	22	C-GEO 12 LM OMD	4.0
			15	M18x1.5	11.0	24	33.0	13.5	12.5	29.0	24	27	C-GEO 15 LM OMD	5.5
			18	M22x1.5	14.0	27	35.0	14.5	13.0	31.0	27	32	C-GEO 18 LM OMD	7.9
	160	250	22	M27x2	18.0	32	40.0	16.5	16.0	33.0	32	36	C-GEO 22 LM 27x2 OMD	10.3
			28	M33x2	23.0	41	41.0	17.5	16.0	34.0	41	41	C-GEO 28 LM OMD	17.0
			35	M42x2	30.0	50	44.0	17.5	16.0	39.0	50	50	C-GEO 35 LM OMD	27.8
			42	M48x2	36.0	55	47.5	19.0	17.5	42.0	55	60	C-GEO 42 LM OMD	34.0
S	630	800	6	M12x1.5	4.0	17	31.0	13.0	11.0	28.0	17	17	C-GEO 06 SM OMD	2.8
			8	M14x1.5	6.0	19	33.0	15.0	11.0	30.0	19	19	C-GEO 08 SM OMD	4.0
			10	M16x1.5	7.0	22	35.0	15.0	12.5	31.0	22	22	C-GEO 10 SM OMD	5.4
	630	630	12	M18x1.5	9.0	24	38.5	17.0	14.0	33.0	24	24	C-GEO 12 SM OMD	7.3
	400	630	16	M22x1.5	12.0	27	42.0	18.5	15.0	37.0	27	30	C-GEO 16 SM OMD	10.1
	400	400	20	M27x2	15.0	32	49.5	20.5	18.5	42.0	32	36	C-GEO 20 SM OMD	16.7
			25	M33x2	20.0	41	53.5	23.0	18.5	47.0	41	46	C-GEO 25 SM OMD	27.3
			30	M42x2	26.0	50	56.0	23.5	19.0	50.0	50	50	C-GEO 30 SM OMD	41.0
	250	400	38	M48x2	32.0	55	63.5	26.0	21.5	57.0	55	60	C-GEO 38 SM OMD	58.1

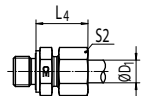
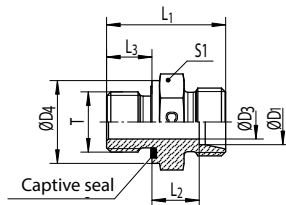
*Replace the character "C" with "CF" when you require steel!
C = Stainless Steel, 1.4571 (Seal FKM) CF = Galvanized Steel Cr(VI)-free (Seal NBR)



C-GE-R-WD

Male stud connector (LL, L)

Male BSPP Thread with Captive seal (ISO 1179) / 24° Tube Connection (DIN EN ISO 8434-1)



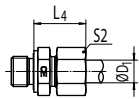
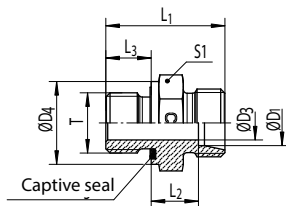
Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg/100
	C	CF												
LL	100	100	4	G1/8A	3	14	21.5	9.5	8	19.5	14	10	C-GE 04 LLR WD OMD	1.0
	100	100	6	G1/8A	4	14	21.5	8.0	8	19.5	14	12	C-GE 06 LLR WD OMD	1.1
L	315	315	6	G1/8A	4	14	23.5	8.5	8	23.5	14	14	C-GE 06 LR WD OMD	1.4
	315	500	6	G1/4A	4	19	29.0	10.0	12	25.0	19	14	C-GE 06 LR 1/4 WD OMD	3.0
	315	400	6	G3/8A	4	22	30.5	11.5	12	26.5	22	14	C-GE 06 LR 3/8 WD OMD	4.5
	315	400	6	G1/2A	4	27	33.0	12.0	14	27.0	27	14	C-GE 06 LR 1/2 WD OMD	6.0
	315	500	8	G1/4A	6	19	29.0	10.0	12	25.0	19	17	C-GE 08 LR WD OMD	2.7
	315	500	8	G1/8A	4	14	24.5	9.5	8	24.5	14	17	C-GE 08 LR 1/8 WD OMD	1.6
	315	400	8	G3/8A	6	22	30.5	11.5	12	26.5	22	17	C-GE 08 LR 3/8 WD OMD	4.7
	315	400	8	G1/2A	6	27	33.0	12.0	14	27.0	27	17	C-GE 08 LR 1/2 WD OMD	7.5
	315	500	10	G1/4A	6	19	30.0	11.0	12	26.0	19	19	C-GE 10 LR WD OMD	3.0
	315	315	10	G1/8A	4	14	25.5	10.5	8	25.5	17	19	C-GE 10 LR 1/8 WD OMD	2.2
	315	400	10	G3/8A	8	22	31.5	12.5	12	27.5	22	19	C-GE 10 LR 3/8 WD OMD	4.1
	315	400	10	G1/2A	8	27	34.0	13.0	14	28.0	27	19	C-GE 10 LR 1/2 WD OMD	5.2
	315	400	12	G3/8A	9	22	31.5	12.5	12	27.5	22	22	C-GE 12 LR WD OMD	4.1
	315	400	12	G1/8A	4	14	26.5	11.5	8	26.5	19	22	C-GE 12 LR 1/8 WD OMD	2.6
	315	400	12	G1/4A	6	19	31.0	12.0	12	27.0	19	22	C-GE 12 LR 1/4 WD OMD	3.0
	315	400	12	G1/2A	10	27	34.0	13.0	14	28.0	27	22	C-GE 12 LR 1/2 WD OMD	6.5
	315	400	12	G3/4A	10	32	37.0	14.0	16	29.0	32	22	C-GE 12 LR 3/4 WD OMD	11.9
	315	400	15	G1/2A	11	27	35.0	14.0	14	29.0	27	27	C-GE 15 LR WD OMD	7.1
	315	400	15	G3/8A	9	22	32.5	13.5	12	28.5	24	27	C-GE 15 LR 3/8 WD OMD	4.9
	160	250	15	G3/4A	12	32	38.0	15.0	16	30.0	32	27	C-GE 15 LR 3/4 WD OMD	12.0
	315	400	18	G1/2A	14	27	36.0	14.5	14	31.0	27	32	C-GE 18 LR WD OMD	7.0
	315	400	18	G3/8A	9	22	33.5	14.0	12	30.5	27	32	C-GE 18 LR 3/8 WD OMD	6.6
	160	250	18	G3/4A	15	32	38.0	14.5	16	31.0	32	32	C-GE 18 LR 3/4 WD OMD	13.4
	160	250	22	G3/4A	18	32	40.0	16.5	16	33.0	32	36	C-GE 22 LR WD OMD	10.4
	160	250	22	G1/2A	14	27	38.0	16.5	14	33.0	32	36	C-GE 22 LR 1/2 WD OMD	9.1
	160	250	22	G1A	19	40	43.0	17.5	18	34.0	41	36	C-GE 22 LR 1 WD OMD	19.0
	160	250	28	G1A	23	40	43.0	17.5	18	34.0	41	41	C-GE 28 LR WD OMD	16.5
	160	250	28	G3/4A	18	32	41.0	17.5	16	34.0	41	41	C-GE 28 LR 3/4 WD OMD	16.0
	160	250	28	G1 1/4A	24	50	46.0	18.5	20	35.0	50	41	C-GE 28 LR 1 1/4 WD OMD	26.2
	160	250	35	G1 1/4A	30	50	48.0	17.5	20	39.0	50	50	C-GE 35 LR WD OMD	27.5
	160	250	35	G1A	23	40	46.0	17.5	18	39.0	46	50	C-GE 35 LR 1 WD OMD	22.6
	160	250	35	G1 1/2A	30	55	52.0	19.5	22	41.0	55	50	C-GE 35 LR 1 1/2 WD OMD	42.0
160	250	42	G1 1/2A	36	55	52.0	19.0	22	42.0	55	60	C-GE 42 LR WD OMD	34.5	
160	250	42	G1A	23	40	48.0	19.0	18	42.0	55	60	C-GE 42 LR 1 WD OMD	32.2	
160	250	42	G1 1/4A	30	50	50.0	19.0	20	42.0	55	60	C-GE 42 LR 1 1/4 WD OMD	34.0	

*Replace the character "C" with "CF" when you require steel!

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

C-GE-R-WD Male Stud Connector (S)

Male BSP Thread with Captive seal (ISO 1179) /
24° Tube Connection (DIN EN ISO 8434-1)



C-GE-M-WD

Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100
	C	CF												
S	630	800	6	G1/4A	4	19	32.0	13.0	12	28.0	19	17	C-GE 06 SR WD OMD	3.5
	315	315	6	G1/8A	4	14	27.5	12.5	8	27.5	14	17	C-GE 06 SR 1/8 WD OMD	2.2
	630	630	6	G3/8A	4	22	34.5	15.5	12	30.5	22	17	C-GE 06 SR 3/8 WD OMD	5.2
	400	630	6	G1/2A	4	27	39.0	18.0	14	33.0	27	17	C-GE 06 SR 1/2 WD OMD	8.2
	630	800	8	G1/4A	5	19	34.0	15.0	12	30.0	19	19	C-GE 08 SR WD OMD	4.0
	630	800	8	G3/8A	5	22	34.5	15.5	12	30.5	22	19	C-GE 08 SR 3/8 WD OMD	6.1
	400	630	8	G1/2A	5	27	39.0	18.0	14	33.0	27	19	C-GE 08 SR 1/2 WD OMD	8.8
	630	800	10	G3/8A	7	22	34.5	15.0	12	31.5	22	22	C-GE 10 SR WD OMD	5.5
	630	800	10	G1/4A	5	19	34.0	14.5	12	31.0	19	22	C-GE 10 SR 1/4 WD OMD	4.7
	630	630	10	G1/2A	7	27	39.0	17.5	14	34.0	27	22	C-GE 10 SR 1/2 WD OMD	13.8
	630	630	12	G3/8A	8	22	36.5	17.0	12	33.5	22	24	C-GE 12 SR WD OMD	6.2
	630	630	12	G1/4A	5	19	36.0	16.5	12	33.0	22	24	C-GE 12 SR 1/4 WD OMD	5.7
	630	630	12	G1/2A	8	27	39.0	17.5	14	34.0	27	24	C-GE 12 SR 1/2 WD OMD	9.5
	630	630	14	G1/2A	10	27	41.0	19.0	14	37.0	27	27	C-GE 14 SR WD OMD	9.8
	630	630	14	G3/8A	8	22	38.5	18.5	12	36.5	24	27	C-GE 14 SR 3/8 WD OMD	7.4
	400	400	14	G3/4A	10	32	45.0	21.0	16	39.0	32	27	C-GE 14 SR 3/4 WD OMD	13.9
	400	630	16	G1/2A	12	27	41.0	18.5	14	37.0	27	30	C-GE 16 SR WD OMD	9.3
	400	630	16	G3/8A	8	22	38.5	18.0	12	36.5	27	30	C-GE 16 SR 3/8 WD OMD	8.5
	400	400	16	G3/4A	12	32	45.0	20.5	16	39.0	32	30	C-GE 16 SR 3/4 WD OMD	15.4
	400	400	20	G3/4A	16	32	47.0	20.5	16	42.0	32	36	C-GE 20 SR WD OMD	15.0
	400	400	20	G1/2A	12	27	45.0	20.5	14	42.0	32	36	C-GE 20 SR 1/2 WD OMD	14.1
	400	400	20	G1A	16	40	51.0	22.5	18	44.0	41	36	C-GE 20 SR 1 WD OMD	26.0
	400	400	20	G1 1/4A	16	50	53.0	22.5	20	44.0	50	36	C-GE 20 SR 1 1/4 WD OMD	40.2
	400	400	25	G1A	20	40	53.0	23.0	18	47.0	41	46	C-GE 25 SR WD OMD	27.0
	400	400	25	G1/2A	12	27	49.0	23.0	14	47.0	41	46	C-GE 25 SR 1/2 WD OMD	23.0
	400	400	25	G3/4A	16	32	51.0	23.0	16	47.0	41	46	C-GE 25 SR 3/4 WD OMD	24.5
	400	400	25	G1 1/4A	20	50	55.0	23.0	20	47.0	50	46	C-GE 25 SR 1 1/4 WD OMD	41.0
	315	315	25	G1 1/2A	20	55	60.0	26.0	22	50.0	55	46	C-GE 25 SR 1 1/2 WD OMD	55.0
	400	400	30	G1 1/4A	25	50	57.0	23.5	20	50.0	50	50	C-GE 30 SR WD OMD	42.0
	400	400	30	G1A	20	40	55.0	23.5	18	50.0	46	50	C-GE 30 SR 1 WD OMD	34.0
	315	315	30	G1 1/2A	25	55	62.0	26.5	22	53.0	55	50	C-GE 30 SR 1 1/2 WD OMD	56.0
	250	400	38	G1 1/2A	32	55	64.0	26.0	22	57.0	55	60	C-GE 38 SR WD OMD	56.5
	250	400	38	G1 1/4A	25	50	62.0	26.0	20	57.0	55	60	C-GE 38 SR 1 1/4 WD OMD	57.0

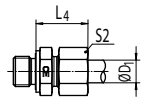
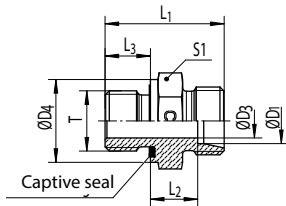
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C-GE-M-WD

Male Stud Connector

Male BSPP Thread with Captive seal (ISO 1179) /
24° Tube Connection (DIN EN ISO 8434-1)



C-GE-R
(L)

Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg / 100
	C	CF												
LL	100	100	4	G1/8A	3	14	21.5	9.5	8	19.5	14	10	C-GE 04 LLR WD OMD	1.0
	100	100	6	G1/8A	4	14	21.5	8.0	8	19.5	14	12	C-GE 06 LLR WD OMD	1.1
L	315	315	6	G1/8A	4	14	23.5	8.5	8	23.5	14	14	C-GE 06 LR WD OMD	1.4
	315	500	6	G1/4A	4	19	29.0	10.0	12	25.0	19	14	C-GE 06 LR 1/4 WD OMD	3.0
	315	400	6	G3/8A	4	22	30.5	11.5	12	26.5	22	14	C-GE 06 LR 3/8 WD OMD	4.5
	315	400	6	G1/2A	4	27	33.0	12.0	14	27.0	27	14	C-GE 06 LR 1/2 WD OMD	6.0
	315	500	8	G1/4A	6	19	29.0	10.0	12	25.0	19	17	C-GE 08 LR WD OMD	2.7
	315	500	8	G1/8A	4	14	24.5	9.5	8	24.5	14	17	C-GE 08 LR 1/8 WD OMD	1.6
	315	400	8	G3/8A	6	22	30.5	11.5	12	26.5	22	17	C-GE 08 LR 3/8 WD OMD	4.7
	315	400	8	G1/2A	6	27	33.0	12.0	14	27.0	27	17	C-GE 08 LR 1/2 WD OMD	7.5
	315	500	10	G1/4A	6	19	30.0	11.0	12	26.0	19	19	C-GE 10 LR WD OMD	3.0
	315	315	10	G1/8A	4	14	25.5	10.5	8	25.5	17	19	C-GE 10 LR 1/8 WD OMD	2.2
	315	400	10	G3/8A	8	22	31.5	12.5	12	27.5	22	19	C-GE 10 LR 3/8 WD OMD	4.1
	315	400	10	G1/2A	8	27	34.0	13.0	14	28.0	27	19	C-GE 10 LR 1/2 WD OMD	5.2
	315	400	12	G3/8A	9	22	31.5	12.5	12	27.5	22	22	C-GE 12 LR WD OMD	4.1
	315	400	12	G1/8A	4	14	26.5	11.5	8	26.5	19	22	C-GE 12 LR 1/8 WD OMD	2.6
	315	400	12	G1/4A	6	19	31.0	12.0	12	27.0	19	22	C-GE 12 LR 1/4 WD OMD	3.0
	315	400	12	G1/2A	10	27	34.0	13.0	14	28.0	27	22	C-GE 12 LR 1/2 WD OMD	6.5
	160	250	12	G3/4A	10	32	37.0	14.0	16	29.0	32	22	C-GE 12 LR 3/4 WD OMD	11.9
	315	400	15	G1/2A	11	27	35.0	14.0	14	29.0	27	27	C-GE 15 LR WD OMD	7.1
	315	400	15	G3/8A	9	22	32.5	13.5	12	28.5	24	27	C-GE 15 LR 3/8 WD OMD	4.9
	160	250	15	G3/4A	12	32	38.0	15.0	16	30.0	32	27	C-GE 15 LR 3/4 WD OMD	12.0
	315	400	18	G1/2A	14	27	36.0	14.5	14	31.0	27	32	C-GE 18 LR WD OMD	7.0
	315	400	18	G3/8A	9	22	33.5	14.0	12	30.5	27	32	C-GE 18 LR 3/8 WD OMD	6.6
	160	250	18	G3/4A	15	32	38.0	14.5	16	31.0	32	32	C-GE 18 LR 3/4 WD OMD	13.4
	160	250	22	G3/4A	18	32	40.0	16.5	16	33.0	32	36	C-GE 22 LR WD OMD	10.4
	160	250	22	G1/2A	14	27	38.0	16.5	14	33.0	32	36	C-GE 22 LR 1/2 WD OMD	9.1
	160	250	22	G1A	19	40	43.0	17.5	18	34.0	41	36	C-GE 22 LR 1 WD OMD	19.0
	160	250	28	G1A	23	40	43.0	17.5	18	34.0	41	41	C-GE 28 LR WD OMD	16.5
	160	250	28	G3/4A	18	32	41.0	17.5	16	34.0	41	41	C-GE 28 LR 3/4 WD OMD	16.0
	160	250	28	G1 1/4A	24	50	46.0	18.5	20	35.0	50	41	C-GE 28 LR 1 1/4 WD OMD	26.2
	160	250	35	G1 1/4A	30	50	48.0	17.5	20	39.0	50	50	C-GE 35 LR WD OMD	27.5
	160	250	35	G1A	23	40	46.0	17.5	18	39.0	46	50	C-GE 35 LR 1 WD OMD	22.6
	160	250	35	G1 1/2A	30	55	52.0	19.5	22	41.0	55	50	C-GE 35 LR 1 1/2 WD OMD	42.0
160	250	42	G1 1/2A	36	55	52.0	19.0	22	42.0	55	60	C-GE 42 LR WD OMD	34.5	
160	250	42	G1A	23	40	48.0	19.0	18	42.0	55	60	C-GE 42 LR 1 WD OMD	32.2	
160	250	42	G1 1/4A	30	50	50.0	19.0	20	42.0	55	60	C-GE 42 LR 1 1/4 WD OMD	34.0	

*Replace the character "C" with "CF" when you require steel!

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

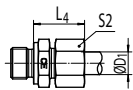
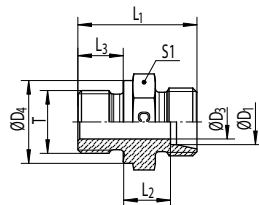


C-GE-R Male stud connector (L)

Male BSP Thread with Metal Sealing Edge (ISO 1179) /
24° Tube Connection (DIN EN ISO 8434-1)



C-GE-R
(S)



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100
	C	CF												
L	315	315	6	G1/8A	4	14	23.5	8.5	8	23.5	14	14	C-GE 06 LR X	1.4
			6	G1/4A	4	18	29.0	10.0	12	25.0	19	14	C-GE 06 LR 1/4 X	2.9
			6	G3/8A	4	22	30.5	11.5	12	26.5	22	14	C-GE 06 LR 3/8 X	4.5
			6	G1/2A	4	26	33.0	12.0	14	27.0	27	14	C-GE 06 LR 1/2 X	6.0
			8	G1/4A	6	18	29.0	10.0	12	25.0	19	17	C-GE 08 LR X	2.7
			8	G1/8A	4	14	24.5	9.5	8	24.5	14	17	C-GE 08 LR 1/8 X	1.7
			8	G3/8A	6	22	30.5	11.5	12	26.5	22	17	C-GE 08 LR 3/8 X	4.4
			8	G1/2A	6	26	33.0	12.0	14	27.0	27	17	C-GE 08 LR 1/2 X	7.3
			10	G1/4A	6	18	30.0	11.0	12	26.0	19	19	C-GE 10 LR X	2.9
			10	G1/8A	4	14	25.5	10.5	8	25.5	17	19	C-GE 10 LR 1/8 X	2.1
			10	G3/8A	8	22	31.5	12.5	12	27.5	22	19	C-GE 10 LR 3/8 X	4.4
			10	G1/2A	8	26	34.0	13.0	14	28.0	27	19	C-GE 10 LR 1/2 X	7.1
			12	G3/8A	9	22	31.5	12.5	12	27.5	22	22	C-GE 12 LR X	4.3
			12	G1/8A	4	14	26.5	11.5	8	26.5	19	22	C-GE 12 LR 1/8 X	2.7
			12	G1/4A	6	18	31.0	12.0	12	27.0	19	22	C-GE 12 LR 1/4 X	3.3
			12	G1/2A	10	26	34.0	13.0	14	28.0	27	22	C-GE 12 LR 1/2 X	6.7
			12	G3/4A	10	32	37.0	14.0	16	29.0	32	22	C-GE 12 LR 3/4 X	12.0
			15	G1/2A	11	26	35.0	14.0	14	29.0	27	27	C-GE 15 LR X	6.6
	15	G3/8A	9	22	32.5	13.5	12	28.5	22	27	C-GE 15 LR 3/8 X	5.6		
	15	G3/4A	12	32	38.0	15.0	16	30.0	32	27	C-GE 15 LR 3/4 X	11.6		
	18	G1/2A	14	26	36.0	14.5	14	31.0	27	32	C-GE 18 LR X	7.1		
	18	G3/8A	9	22	33.5	14.0	12	30.5	27	32	C-GE 18 LR 3/8 X	6.9		
	18	G3/4A	15	32	38.0	14.5	16	31.0	32	32	C-GE 18 LR 3/4 X	11.1		
	22	G3/4A	18	32	40.0	16.5	16	33.0	32	36	C-GE 22 LR X	10.2		
	22	G1/2A	14	26	38.0	16.5	14	33.0	32	36	C-GE 22 LR 1/2 X	8.7		
	22	G1A	19	39	43.0	17.5	18	34.0	41	36	C-GE 22 LR 1 X	18.5		
	28	G1A	23	39	43.0	17.5	18	34.0	41	41	C-GE 28 LR X	16.7		
	28	G1/2A	14	26	39.0	17.5	14	34.0	41	41	C-GE 28 LR 1/2 X	14.0		
	28	G3/4A	18	32	41.0	17.5	16	34.0	41	41	C-GE 28 LR 3/4 X	14.3		
	28	G1 1/4A	24	49	46.0	18.5	20	35.0	50	41	C-GE 28 LR 1 1/4 X	31.2		
	35	G1 1/4A	30	49	48.0	17.5	20	28.0	50	50	C-GE 35 LR X	27.6		
	35	G1/2A	14	27	42.0	17.5	14	39.0	46	50	C-GE 35 LR 1/2 X	19.4		
	35	G3/4A	18	32	44.0	17.5	16	39.0	46	50	C-GE 35 LR 3/4 X	20.2		
	35	G1A	23	39	46.0	17.5	18	39.0	46	50	C-GE 35 LR 1 X	23.4		
	35	G1 1/2A	30	55	52.0	19.5	22	41.0	55	50	C-GE 35 LR 1 1/2 X	35.5		
	42	G1 1/2A	36	55	52.0	19.0	22	42.0	55	60	C-GE42 LR X	35.2		
	42	G1A	23	39	48.0	19.0	18	42.0	55	60	C-GE42 LR 1 X	32.6		
	42	G1 1/4A	30	49	50.0	19.0	20	42.0	55	60	C-GE42 LR 1 1/4 X	33.5		

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



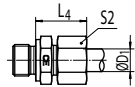
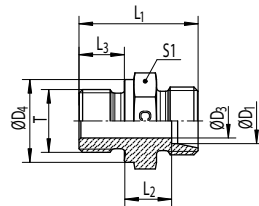
C-GE-R

Male Stud Connector (S)

Male BSPB Thread with Metal Sealing Edge (ISO 1179) /
24° Tube Connection (DIN EN ISO 8434-1)



C-GE-M



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg/100	
	C	CF													
S	400	400	6	G1/4A	4	18	32.0	13.0	12	28.0	19	17	C-GE 06 SR X	3.6	
	315	315	6	G1/8A	3	14	27.5	12.5	8	27.5	14	17	C-GE 06 SR 1/8 X	2.2	
			6	G3/8A	4	22	34.5	15.5	12	30.5	22	17	C-GE 06 SR 3/8 X	5.8	
			6	G1/2A	4	26	39.0	18.0	14	33.0	27	17	C-GE 06 SR 1/2 X	8.3	
			8	G1/4A	5	18	34.0	15.0	12	30.0	19	19	C-GE 08 SR X	4.1	
			8	G3/8A	5	22	34.5	15.5	12	30.5	22	19	C-GE 08 SR 3/8 X	5.8	
			8	G1/2A	5	26	39.0	18.0	14	33.0	27	19	C-GE 08 SR 1 X/2 X	10.2	
			10	G3/8A	7	22	34.5	15.0	12	31.5	22	22	C-GE 10 SR X	5.7	
			10	G1/4A	5	18	34.0	14.5	12	31.0	19	22	C-GE 10 SR 1/4 X	4.0	
			10	G1/2A	7	26	39.0	17.5	14	34.0	27	22	C-GE 10 SR 1/2 X	9.7	
			12	G3/8A	8	22	36.5	17.0	12	33.5	22	24	C-GE 12 SR X	6.3	
			12	G1/4A	5	18	36.0	16.5	12	33.0	22	24	C-GE 12 SR 1/4 X	5.7	
			12	G1/2A	8	26	39.0	17.5	14	34.0	27	24	C-GE 12 SR 1/2 X	9.7	
			14	G1/2A	10	26	41.0	19.0	14	37.0	27	27	C-GE 14 SR X	9.6	
			14	G3/8A	8	22	38.5	18.5	12	36.5	24	27	C-GE 14 SR 3/8 X	7.4	
			16	G1/2A	12	26	41.0	18.5	14	37.0	27	30	C-GE 16 SR X	9.1	
			16	G3/8A	8	22	38.5	18.0	12	36.5	27	30	C-GE 16 SR 3/8 X	8.6	
			16	G3/4A	12	32	45.0	20.5	16	39.0	32	30	C-GE 16 SR 3/4 X	15.5	
			20	G3/4A	16	32	47.0	20.5	16	42.0	32	36	C-GE 20 SR X	15.2	
			20	G1/2A	12	26	45.0	20.5	14	42.0	32	36	C-GE 20 SR 1/2 X	13.6	
		250	250	20	G1A	16	39	51.0	22.5	18	44.0	41	36	C-GE 20 SR 1 X	27.2
		160	160	20	G1 1/4A	16	49	53.0	22.5	20	44.0	50	36	C-GE 20 SR 1 1/4 X	38.5
		250	250	25	G1A	20	39	53.0	23.0	18	47.0	41	46	C-GE 25 SR X	26.9
				25	G3/4A	16	32	51.0	23.0	16	47.0	41	46	C-GE 25 SR 3/4 X	24.3
		160	160	25	G1 1/4A	20	49	55.0	23.0	20	47.0	50	46	C-GE 25 SR 1 1/4 X	42.0
				30	G1 1/4A	25	49	57.0	23.5	20	50.0	50	50	C-GE 30 SR X	42.3
				30	G1A	20	39	55.0	23.5	18	50.0	46	50	C-GE 30 SR 1 X	33.7
				38	G1 1/2A	32	55	64.0	26.0	22	57.0	55	60	C-GE 38 SR X	56.8
				38	G1 1/4A	25	49	62.0	26.0	20	57.0	55	60	C-GE 38 SR 1 1/4 X	56.7

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



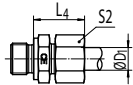
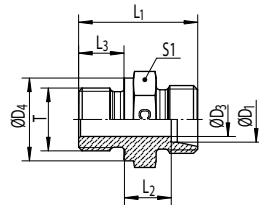
C-GE-M

Male Stud Connector

Metric Male Stud Connector with Sealing Edge (ISO 9974) /
24° Tube Connection (DIN EN ISO 8434-1)



C-GE-R-KEG



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg/100	
	C	CF													
L	315	315	6	M10x1	4	14	23.5	8.5	8	23.5	14	14	C-GE 06 LM X	1.4	
			8	M12x1.5	6	17	29.0	10.0	12	25.0	17	17	C-GE 08 LM X	2.3	
			10	M14x1.5	7	19	30.0	11.0	12	26.0	19	19	C-GE 10 LM X	2.9	
			10	M10x1	4	14	25.5	10.5	8	25.5	17	19	C-GE 10 LM 10x1 X	2.0	
			10	M12x1.5	6	17	30.0	11.0	12	26.0	17	19	C-GE 10 LM 12x1.5 X	2.5	
			10	M16x1.5	8	21	31.5	12.5	12	27.5	22	19	C-GE 10 LM 16x1.5 X	4.0	
			10	M18x1.5	8	23	31.5	12.5	12	27.5	24	19	C-GE 10 LM 18x1.5 X	5.0	
			10	M22x1.5	8	27	35.0	14.0	14	29.0	27	19	C-GE 10 LM 22x1.5 X	7.6	
			12	M14x1.5	7	19	30.0	11.0	12	26.0	19	22	C-GE 12 LM 14x1.5 X	3.0	
			12	M16x1.5	9	21	31.5	12.5	12	27.5	22	22	C-GE 12 LM X	4.0	
			12	M18x1.5	10	23	31.5	12.5	12	27.5	24	22	C-GE 12 LM 18x1.5 X	4.7	
			12	M22x1.5	10	27	35.0	14.0	14	29.0	27	22	C-GE 12 LM 22x1.5 X	7.3	
	250	250	15	M16x1.5	9	21	32.0	13.0	12	28.0	24	27	C-GE 15 LM 16x1.5 X	5.0	
			15	M18x1.5	11	23	32.5	13.5	12	28.5	24	27	C-GE 15 LM X	5.2	
			15	M22x1.5	12	27	36.0	15.0	14	30.0	27	27	C-GE 15 LM 22x1.5 X	7.4	
			18	M18x1.5	11	23	33.5	14.0	12	30.5	27	32	C-GE 18 LM 18x1.5 X	6.4	
			18	M22x1.5	14	24	36.0	14.5	14	31.0	27	32	C-GE 18 LM X	7.6	
			22	M22x1.5	14	27	38.0	16.5	14	33.0	32	36	C-GE 22 LM 22x1.5 X	9.2	
	160	160	22	M26x1.5	18	31	40.0	16.5	16	33.0	32	36	C-GE 22 LM X	10.1	
			28	M33x2	23	39	43.0	17.5	18	34.0	41	41	C-GE 28 LM X	16.7	
			35	M42x2	30	49	48.0	17.5	20	39.0	50	50	C-GE 35 LM X	28.2	
			42	M48x2	36	55	52.0	19.0	22	42.0	55	60	C-GE 42 LM X	35.8	
	S	400	400	6	M12x1.5	4	17	32.0	13.0	12	28.0	17	17	C-GE 06 SM X	3.0
				6	M14x1.5	4	19	34.0	15.0	12	30.0	19	17	C-GE 06 SM 14x1.5 X	4.2
8				M14x1.5	5	19	34.0	15.0	12	30.0	19	19	C-GE 08 SM X	4.3	
10				M16x1.5	7	21	34.5	15.0	12	31.5	22	22	C-GE 10 SM X	5.5	
12				M18x1.5	8	23	36.5	17.0	12	33.5	24	24	C-GE 12 SM X	7.2	
12				M14x1.5	5	19	36.0	16.5	12	33.0	22	24	C-GE 12 SM 14x1.5 X	6.0	
12				M22x1.5	8	27	39.0	17.5	14	34.0	27	24	C-GE 12 SM 22x1.5 X	10.3	
14				M20x1.5	10	25	41.0	19.0	14	37.0	27	27	C-GE 14 SM X	9.4	
16				M18x1.5	8	23	38.5	18.0	12	36.5	27	30	C-GE 16 SM 18x1.5 X	9.5	
16				M22x1.5	12	27	41.0	18.5	14	37.0	27	30	C-GE 16 SM X	9.8	
20				M27x2	16	32	47.0	20.5	16	42.0	32	36	C-GE 20 SM X	15.3	
250				250	25	M33x2	20	39	53.0	23.0	18	47.0	41	46	C-GE 25 SM X
160		160	30	M42x2	25	49	57.0	23.5	20	50.0	50	50	C-GE 30 SM X	42.8	
			38	M48x2	32	55	64.0	26.0	22	57.0	55	60	C-GE 38 SM X	57.5	

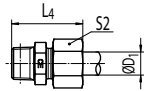
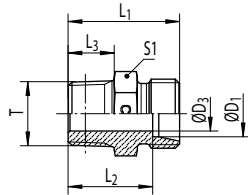
*Replace the character "C" with "CF" when you require steel!
C = Stainless Steel, 1.4571 CF = Galvanized Steel Cr(VI)-free

C-GE-R-KEG

Male Stud Connector

Male BSPP Stud Connector - Tapered (DIN 3852-2 Type C) /
24° Tube Connection (DIN EN ISO 8434-1)

C-GE-M-KEG
(LL)



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100
	C	CF											
LL	100	100	4	R1/8KEG	3.0	20	16.0	8	26	11	10	C-GE 04 LLR KEG X	0.8
			6	R1/8KEG	4.5	20	14.5	8	26	11	12	C-GE 06 LLR KEG X	1.0
			8	R1/8KEG	6.0	22	16.5	8	28	12	14	C-GE 08 LLR KEG X	1.0
			8	R1/4KEG	6.0	26	20.5	12	32	14	14	C-GE 08 LLR 1/4 KEG X	2.0
			10	R1/4KEG	8.0	26	20.5	12	32	14	17	C-GE 10 LLR KEG X	2.4
			12	R1/4KEG	8.0	26	20.0	12	32	17	19	C-GE 12 LLR KEG X	5.3
			12	R3/8KEG	10.0	26	20.0	12	32	17	19	C-GE 12 LLR 3/8 KEG X	3.3
L	315	315	6	R1/8KEG	4.0	22	15.0	8	30	12	14	C-GE 06 LR 1/8 KEG X	1.1
			6	R1/4KEG	4.0	27	20.0	12	35	17	14	C-GE 06 LR 1/4 KEG X	2.0
			8	R1/8KEG	4.0	23	16.0	8	31	17	17	C-GE 08 LR 1/8 KEG X	1.5
			8	R1/4KEG	6.0	27	20.0	12	35	17	17	C-GE 08 LR 1/4 KEG X	2.0
			10	R1/4KEG	7.0	28	21.0	12	36	17	19	C-GE 10 LR 1/4 KEG X	2.4
			12	R1/4KEG	7.0	29	22.0	12	37	19	22	C-GE 12 LR 1/4 KEG X	3.0
			12	R3/8KEG	9.0	29	22.0	12	37	19	22	C-GE 12 LR 3/8 KEG X	3.4
			12	R1/2KEG	10.0	31	24.0	14	39	24	22	C-GE 12 LR 1/2 KEG X	4.9
			15	R3/8KEG	9.0	30	23.0	12	38	24	27	C-GE 15 LR 3/8 KEG X	4.8
			15	R1/2KEG	11.0	32	25.0	14	40	24	27	C-GE 15 LR 1/2 KEG X	5.4
	18	R1/2KEG	14.0	33	25.5	14	42	27	32	C-GE 18 LR 1/2 KEG X	6.4		
	160	160	22	R3/4KEG	17.0	37	29.5	16	46	32	36	C-GE 22 LR 3/4 KEG X	9.8
			28	R1KEG	23.0	40	32.5	18	49	41	41	C-GE 28 LR 1 KEG X	15.4
35			R1 1/4KEG	30.0	45	34.5	20	56	46	50	C-GE 35 LR 1 1/4 KEG X	23.5	
42			R1 1/2KEG	36.0	49	38.0	22	61	55	60	C-GE 42 LR 1 1/2 KEG X	33.4	

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



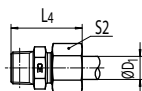
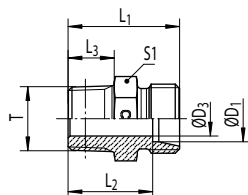
C-GE-M-KEG

Male stud connector

Metric Male Stud Connector - Tapered (DIN 3852-1 Type C) /
24° Tube Connection (DIN EN ISO 8434-1)



C-GE-NPT



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100
	C	CF											
LL	100	100	4	M6x1KEG	2.0	20	16.0	8	26	9	10	C-GE 04 LLM 6x1 KEG X	0.6
			4	M8x1KEG	3.0	20	16.0	8	26	10	10	C-GE 04 LLM KEG X	0.7
			6	M10x1KEG	4.5	20	14.5	8	26	11	12	C-GE 06 LLM KEG X	0.9
			6	M8x1KEG	3.5	20	14.5	8	26	11	12	C-GE 06 LLM 8x1 KEG X	0.9
			8	M10x1KEG	6.0	22	16.5	8	28	12	14	C-GE 08 LLM KEG X	1.0

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

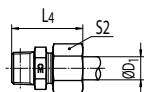
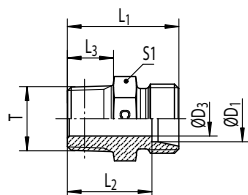


C-GE-NPT Male Stud Connector (LL)

NPT-Male Stud Connector (SAE J476) /
24° Tube Connection (DIN EN ISO 8434-1)



C-GE-NPT
(L)



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg/100
	C	CF											
LL	100	100	4	1/8-27 NPT	3.0	22	18.0	10	28	11	10	C-GE 04 LL 1/8 NPT X	0.9
			6	1/8-27 NPT	4.5	22	16.5	10	28	11	12	C-GE 06 LL 1/8 NPT X	1.0
			8	1/8-27 NPT	5.0	24	18.5	10	30	12	14	C-GE 08 LL 1/8 NPT X	1.1

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

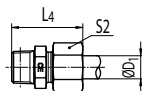
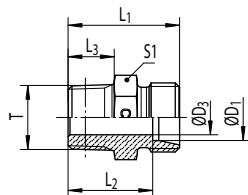


C-GE-NPT Male stud connector (L)

NPT-Male Stud Connector (SAE J476) /
24° Tube Connection (DIN EN ISO 8434-1)



C-GE-NPT
(S)



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100
	C	CF											
L	315	315	6	1/8-27 NPT	4	24	17.0	10.0	32	12	14	C-GE 06 L 1/8 NPT X	1.2
			6	1/4-18 NPT	4	30	23.0	14.5	38	17	14	C-GE 06 L 1/4 NPT X	2.8
			6	3/8-18 NPT	4	30	23.0	14.5	38	19	14	C-GE 06 L 3/8 NPT X	3.9
			6	1/2-14 NPT	4	36	29.0	19.5	44	22	14	C-GE 06 L 1/2 NPT X	5.8
			8	1/8-27 NPT	4	25	18.0	10.0	33	14	17	C-GE 08 L 1/8 NPT X	1.6
			8	1/4-18 NPT	6	30	23.0	14.5	38	17	17	C-GE 08 L 1/4 NPT X	2.6
			8	3/8-18 NPT	6	30	23.0	14.5	38	19	17	C-GE 08 L 3/8 NPT X	3.8
			8	1/2-14 NPT	6	36	29.0	19.5	44	22	17	C-GE 08 L 1/2 NPT X	6.9
			10	1/8-27 NPT	4	25	18.0	10.0	33	17	19	C-GE 10 L 1/8 NPT X	1.9
			10	1/4-18 NPT	7	31	24.0	14.5	39	17	19	C-GE 10 L 1/4 NPT X	2.7
			10	3/8-18 NPT	7	32	25.0	14.5	40	19	19	C-GE 10 L 3/8 NPT X	4.1
			10	1/2-14 NPT	8	37	30.0	19.5	45	22	19	C-GE 10 L 1/2 NPT X	6.6
			10	3/4-14 NPT	8	38	31.0	19.5	46	30	19	C-GE 10 L 3/4 NPT X	12.0
			12	1/8-27 NPT	4	26	19.0	10.0	34	19	22	C-GE 12 L 1/8 NPT X	2.4
			12	1/4-18 NPT	7	32	25.0	14.5	40	19	22	C-GE 12 L 1/4 NPT X	3.1
			12	3/8-18 NPT	8	32	25.0	14.5	40	19	22	C-GE 12 L 3/8 NPT X	3.9
			12	1/2-14 NPT	10	37	30.0	19.5	45	22	22	C-GE 12 L 1/2 NPT X	6.4
			15	3/8-18 NPT	8	33	26.0	14.5	41	24	27	C-GE 15 L 3/8 NPT X	5.1
			15	1/2-14 NPT	12	38	31.0	19.5	46	24	27	C-GE 15 L 1/2 NPT X	6.7
			15	3/4-14 NPT	12	39	32.0	19.5	47	30	27	C-GE 15 L 3/4 NPT X	11.4
			15	1-11 1/2 NPT	12	45	38.0	24.5	53	36	27	C-GE 15 L 1 NPT X	21.7
			18	3/8-18 NPT	8	34	26.5	14.5	43	27	32	C-GE 18 L 3/8 NPT X	7.1
			18	1/2-14 NPT	12	39	31.5	19.5	48	27	32	C-GE 18 L 1/2 NPT X	8.1
			18	3/4-14 NPT	15	39	31.5	19.5	48	30	32	C-GE 18 L 3/4 NPT X	10.9
			18	1-11 1/2 NPT	15	45	37.5	24.5	54	36	32	C-GE 18 L 1 NPT X	20.0
			22	3/8-18 NPT	8	36	29.0	14.5	45	32	36	C-GE 22 L 3/8 NPT X	9.2
			22	1/2-14 NPT	12	41	33.5	19.5	50	32	36	C-GE 22 L 1/2 NPT X	10.0
			22	3/4-14 NPT	16	41	33.5	19.5	50	32	36	C-GE 22 L 3/4 NPT X	10.9
			22	1-11 1/2 NPT	19	47	39.5	24.5	56	36	36	C-GE 22 L 1 NPT X	17.4
			28	3/4-14 NPT	16	42	34.5	19.5	51	41	41	C-GE 28 L 3/4 NPT X	15.8
			28	1-11 1/2 NPT	21	47	39.5	24.5	56	41	41	C-GE 28 L 1 NPT X	19.7
			28	1 1/4-11 1/2 NPT	24	49	41.5	25.0	58	46	41	C-GE 28 L 1 1/4 NPT X	31.4
35	1-11 1/2 NPT	22	50	39.5	24.5	61	46	50	C-GE 35 L 1 NPT X	23.0			
35	1 1/4-11 1/2 NPT	28	51	40.5	25.0	62	46	50	C-GE 35 L 1 1/4 NPT X	29.5			
42	1 1/4-11 1/2 NPT	28	53	42.0	25.0	65	55	60	C-GE 42 L 1 1/4 NPT X	38.2			
42	1 1/2-11 1/2 NPT	36	53	42.0	26.0	65	55	60	C-GE 42 L 1 1/2 NPT X	37.8			

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

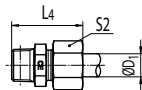
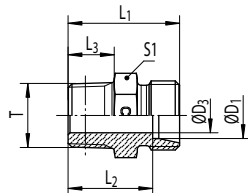


C-GE-NPT Male stud connector (S)

NPT-Male Stud Connector (SAE J476) /
24° Tube Connection (DIN EN ISO 8434-1)



C-GE-UNF/UN



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg/100
	C	CF											
S	630	630	6	1/8-27 NPT	4	28	21.0	10.0	36	14	17	C-GE 06 S 1/8 NPT X	2.2
			6	1/4-18 NPT	4	35	28.0	14.5	43	17	17	C-GE 06 S 1/4 NPT X	3.8
			6	3/8-18 NPT	4	33	26.0	14.5	41	19	17	C-GE 06 S 3/8 NPT X	4.6
			6	1/2-14 NPT	4	42	35.0	19.5	50	22	17	C-GE 06 S 1/2 NPT X	7.2
			8	1/4-18 NPT	5	35	28.0	14.5	43	17	19	C-GE 08 S 1/4 NPT X	3.9
			8	3/8-18 NPT	5	35	28.0	14.5	43	19	19	C-GE 08 S 3/8 NPT X	5.1
			8	1/2-14 NPT	5	42	35.0	19.5	50	22	19	C-GE 08 S 1/2 NPT X	9.0
			10	1/4-18 NPT	5	35	27.5	14.5	44	19	22	C-GE 10 S 1/4 NPT X	4.4
			10	3/8-18 NPT	7	35	27.5	14.5	44	19	22	C-GE 10 S 3/8 NPT X	4.9
			10	1/2-14 NPT	7	42	34.5	19.5	51	22	22	C-GE 10 S 1/2 NPT X	8.6
			10	3/4-14 NPT	7	44	36.5	19.5	53	30	22	C-GE 10 S 3/4 NPT X	15.6
			12	1/4-18 NPT	5	37	29.5	14.5	46	22	24	C-GE 12 S 1/4 NPT X	6.0
			12	3/8-18 NPT	8	37	29.5	14.5	46	22	24	C-GE 12 S 3/8 NPT X	6.3
			12	1/2-14 NPT	8	42	34.5	19.5	51	22	24	C-GE 12 S 1/2 NPT X	8.5
			12	3/4-14 NPT	8	44	36.5	19.5	53	30	24	C-GE 12 S 3/4 NPT X	15.7
	14	3/8-18 NPT	8	39	31.0	14.5	49	24	27	C-GE 14 S 3/8 NPT X	7.5		
	14	1/2-14 NPT	10	44	36.0	19.5	54	24	27	C-GE 14 S 1/2 NPT X	9.1		
	14	3/4-14 NPT	10	46	38.0	19.5	56	30	27	C-GE 14 S 3/4 NPT X	15.6		
	14	1-11 1/2 NPT	10	51	43.0	24.5	61	36	27	C-GE 14 S 1 NPT X	26.3		
	16	3/8-18 NPT	8	39	30.5	14.5	49	27	30	C-GE 16 S 3/8 NPT X	8.7		
	16	1/2-14 NPT	12	48	39.5	19.5	58	32	30	C-GE 16 S 1/2 NPT X	9.5		
	16	3/4-14 NPT	12	46	37.5	19.5	56	30	30	C-GE 16 S 3/4 NPT X	14.7		
	16	1-11 1/2 NPT	12	51	42.5	24.5	61	36	30	C-GE 16 S 1 NPT X	25.2		
	20	1/2-14 NPT	12	48	37.5	19.5	59	32	36	C-GE 20 S 1/2 NPT X	14.3		
	20	3/4-14 NPT	16	48	37.5	19.5	59	32	36	C-GE 20 S 3/4 NPT X	20.3		
	20	1-11 1/2 NPT	16	55	44.5	24.5	66	36	36	C-GE 20 S 1 NPT X	25.6		
	25	3/4-14 NPT	16	52	40.0	19.5	64	41	46	C-GE 25 S 3/4 NPT X	24.3		
	25	1-11 1/2 NPT	20	57	45.0	24.5	69	41	46	C-GE 25 S 1 NPT X	28.6		
	25	1 1/4-11 1/2 NPT	20	58	46.0	25.0	70	46	46	C-GE 25 S 1 1/4 NPT X	43.3		
	25	1 1/2-11 1/2 NPT	20	61	49.0	26.0	73	50	46	C-GE 25 S 1 1/2 NPT X	56.3		
	30	3/4-14 NPT	16	54	40.5	19.5	67	46	50	C-GE 30 S 3/4 NPT X	31.0		
	30	1-11 1/2 NPT	20	59	45.5	24.5	72	46	50	C-GE 30 S 1 NPT X	34.7		
	30	1 1/4-11 1/2 NPT	25	60	46.5	25.0	73	46	50	C-GE 30 S 1 1/4 NPT X	39.9		
30	1 1/2-11 1/2 NPT	25	60	46.5	26.0	73	50	50	C-GE 30 S 1 1/2 NPT X	50.1			
38	1-11 1/2 NPT	22	64	48.0	24.5	79	55	60	C-GE 38 S 1 NPT X	52.0			
38	1 1/4-11 1/2 NPT	25	65	49.0	25.0	80	55	60	C-GE 38 S 1 1/4 NPT X	61.0			
38	1 1/2-11 1/2 NPT	32	65	49.0	26.0	80	55	60	C-GE 38 S 1 1/2 NPT X	57.5			

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



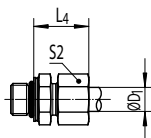
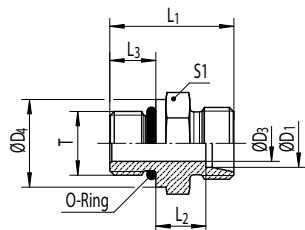
C-GE-UNF/UN

Male Stud Connector

UNF/UN Male Stud Connector with O-Ring (ISO 11926) /
24° Tube Connection (DIN EN ISO 8434-1)



C-EGEO



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg/100
	C	CF												
L	315	315	8	7/16-20UNF-2A	5	14.4	26	10.0	9.0	25.0	17	17	C-GE 08 L 7/16 UNF OMD	2.1
			10	7/16-20UNF-2A	5	14.4	27	11.0	9.0	26.0	17	19	C-GE 10 L 7/16 UNF OMD	2.3
			12	9/16-18UNF-2A	7	17.6	28	11.0	10.0	26.0	19	22	C-GE 12 L 9/16 UNF OMD	3.2
			12	3/4-16UNF-2A	10	22.3	31	13.0	11.0	28.0	24	22	C-GE 12 L 3/4 UNF OMD	5.2
			12	7/8-14UNF-2A	10	25.5	34	14.3	12.7	29.3	27	22	C-GE 12 L 7/8 UNF OMD	7.7
			15	3/4-16UNF-2A	11	22.3	32	14.0	11.0	29.0	24	27	C-GE 15 L 3/4 UNF OMD	5.7
			15	7/8-14UNF-2A	12	25.5	35	15.3	12.7	30.3	27	27	C-GE 15 L 7/8 UNF OMD	8.1
			18	3/4-16UNF-2A	11	22.3	33	14.5	11.0	31.0	27	32	C-GE 18 L 3/4 UNF OMD	6.8
			18	7/8-14UNF-2A	14	25.5	35	14.8	12.7	31.3	27	32	C-GE 18 L 7/8 UNF OMD	7.2
			22	7/8-14UNF-2A	14	25.5	37	16.8	12.7	33.3	32	36	C-GE 22 L 7/8 UNF OMD	9.4
			22	1 1/16-12UN-2A	18	31.9	39	16.5	15.0	33.0	32	36	C-GE 22 L 1 1/16 UN OMD	10.3
			22	1 5/16-12UN-2A	19	38.2	40	17.5	15.0	34.0	41	36	C-GE 22 L 1 5/16 UN OMD	16.3
			28	1 1/16-12UN-2A	18	31.9	40	17.5	15.0	34.0	41	41	C-GE 28 L 1 1/16 UN OMD	15.2
			28	1 5/16-12UN-2A	23	38.2	40	17.5	15.0	34.0	41	11	C-GE 28 L 1 5/16 UN OMD	16.3
35	1 5/16-12UN-2A	23	38.2	43	17.5	15.0	39.0	46	50	C-GE 35 L 1 5/16 UN OMD	22.2			
35	1 5/8-12UN-2A	29	47.7	43	17.5	15.0	39.0	50	50	C-GE 35 L 1 5/8 UN OMD	25.7			
42	1 5/8-12UN-2A	29	47.7	45	19.0	15.0	42.0	55	60	C-GE 42 L 1 5/8 UN OMD	33.9			
S	630	630	8	7/16-20UNF-2A	4	16.0	31	15.0	9.0	30.0	17	19	C-GE 08 S 7/16 UNF OMD	3.3
			10	9/16-18UNF-2A	6	17.6	32	14.5	10.0	31.0	19	22	C-GE 10 S 9/16 UNF OMD	4.2
			12	9/16-18UNF-2A	6	17.6	32	14.5	10.0	31.0	22	24	C-GE 12 S 9/16 UNF OMD	5.0
			12	3/4-16UNF-2A	8	22.3	36	17.5	11.0	34.0	24	24	C-GE 12 S 3/4 UNF OMD	7.3
	400	400	16	3/4-16UNF-2A	10	22.3	35	15.5	11.0	34.0	24	30	C-GE 16 S 3/4 UNF OMD	9.0
			16	7/8-14UNF-2A	12	25.5	40	18.8	12.7	37.3	27	30	C-GE 16 S 7/8 UNF OMD	9.5
			20	3/4-16UNF-2A	10	22.3	42	20.5	11.0	42.0	32	36	C-GE 20 S 3/4 UNF OMD	13.2
			20	7/8-14UNF-2A	12	25.5	44	20.8	12.7	42.3	32	36	C-GE 20 S 7/8 UNF OMD	14.1
			20	1 1/16-12UN-2A	16	31.9	46	20.5	15.0	42.0	32	36	C-GE 20 S 1 1/16 UN OMD	16.3
			25	1 1/16-12UN-2A	16	31.9	50	23.0	15.0	47.0	36	46	C-GE 25 S 1 1/16 UN OMD	20.6
			25	1 5/16-12UN-2A	20	38.2	50	23.0	15.0	47.0	41	46	C-GE 25 S 1 5/16 UN OMD	25.8
			30	1 5/16-12UN-2A	20	38.2	52	23.5	15.0	50.0	46	50	C-GE 30 S 1 5/16 UN OMD	30.7
			30	1 5/8-12UN-2A	24	47.7	52	23.5	15.0	50.0	50	50	C-GE 30 S 1 5/8 UN OMD	42.1
			38	1 5/8-12UN-2A	24	47.7	57	26.0	15.0	57.0	55	60	C-GE 38 S 1 5/8 UN OMD	55.4

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



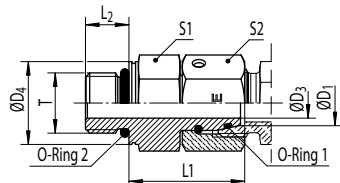
C-EGEO

Male stud connector with Cone

Metric Male Stud Connector O-Ring (ISO 6149) /
24° Swivel (DIN EN ISO 8434-1)



C-EGE-R-WD



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100
	C	CF										
L	315	500	6	M10x1	2.5	13.8	24.5	8.5	14	14	C-EGEO 06 LM	2.9
			8	M12x1.5	4.0	16.8	26.5	11.0	17	17	C-EGEO 08 LM	4.3
			10	M14x1.5	6.0	18.8	27.5	11.0	19	19	C-EGEO 10 LM	5.7
	315	400	12	M16x1.5	8.0	21.8	30.5	11.5	22	22	C-EGEO 12 LM	8.5
			15	M18x1.5	10.0	23.8	31.5	12.5	24	27	C-EGEO 15 LM	11.5
			18	M22x1.5	13.0	26.8	31.5	13.0	27	32	C-EGEO 18 LM	15.2
	160	250	22	M27x2	17.0	31.8	32.5	16.0	32	36	C-EGEO 22 LM	20.7
			28	M33x2	22.0	40.8	35.0	16.0	41	41	C-EGEO 28 LM	29.4
			35	M42x2	28.0	49.8	42.5	16.0	50	50	C-EGEO 35 LM	51.6
			42	M48x2	34.0	54.8	46.5	17.5	55	60	C-EGEO 42 LM	71.8
S	630	800	6	M12x1.5	2.5	16.8	27.0	11.0	17	17	C-EGEO 06 SM	4.9
			8	M14x1.5	4.0	18.8	29.5	11.0	19	19	C-EGEO 08 SM	6.9
			10	M16x1.5	6.0	21.8	32.0	12.5	22	22	C-EGEO 10 SM	9.7
	630	630	12	M18x1.5	8.0	23.8	34.0	14.0	24	24	C-EGEO 12 SM	11.7
	400	630	16	M22x1.5	11.0	26.8	37.0	15.0	27	30	C-EGEO 16 SM	18.0
	400	400	20	M27x2	14.0	31.8	43.0	18.5	32	36	C-EGEO 20 SM	28.1
			25	M33x2	18.0	40.8	48.0	18.5	41	46	C-EGEO 25 SM	50.1
			30	M42x2	23.0	49.8	51.0	19.0	50	50	C-EGEO 30 SM	69.8
	315	400	38	M48x2	30.0	54.8	60.0	21.5	55	60	C-EGEO 38 SM	96.2

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

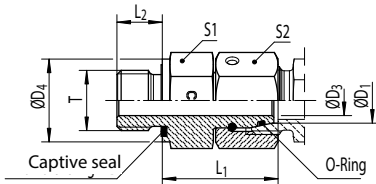
C-EGE-R-WD

Male Stud Connector with Cone End

Male BSPP Stud Connector with Captive seal (ISO 1179, Type 24° Swivel (DIN EN ISO 8434-1)



C-EGE-M-WD



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100	
	C	CF											
L	315	500	6	G1/8A	2.5	14	24.5	8	14	14	C-EGE 06 LR WD	2.4	
			8	G1/4A	4.0	19	29.5	12	19	17	C-EGE 08 LR WD	4.4	
			10	G1/4A	6.0	19	27.5	12	19	19	C-EGE 10 LR WD	4.2	
	315	400	10	G3/8A	6.0	22	29.0	12	22	19	19	C-EGE 10 LR 3/8 WD	6.2
			12	G3/8A	8.0	22	34.0	12	22	22	22	C-EGE 12 LR WD	6.9
			12	G1/4A	6.0	19	27.5	12	19	22	22	C-EGE 12 LR 1/4 WD	6.5
			12	G1/2A	8.0	27	29.5	14	27	22	22	C-EGE 12 LR 1/2 WD	11.4
			15	G1/2A	10.0	27	32.0	14	27	27	27	C-EGE 15 LR WD	12.1
			18	G1/2A	13.0	27	31.5	14	27	32	32	C-EGE 18 LR WD	13.7
	160	250	18	G3/4A	13.0	32	29.5	16	32	32	32	C-EGE 18 LR 3/4 WD	18.2
			22	G3/4A	17.0	32	32.5	16	32	36	36	C-EGE 22 LR WD	19.6
			28	G1A	22.0	40	35.0	18	41	41	41	C-EGE 28 LR WD	36.0
			35	G1 1/4A	28.0	50	42.5	20	50	50	50	C-EGE 35 LR WD	45.5
			42	G1 1/2A	34.0	55	46.5	22	55	60	60	C-EGE 42 LR WD	66.2
	S	630	800	6	G1/4A	2.5	19	27.0	12	19	17	C-EGE 06 SR WD	4.5
8				G1/4A	4.0	19	29.5	12	19	19	C-EGE 08 SR WD	5.0	
10				G3/8A	6.0	22	32.0	12	22	22	C-EGE 10 SR WD	7.4	
630		630	12	G3/8A	8.0	22	34.0	12	22	24	24	C-EGE 12 SR WD	8.2
			12	G1/4A	5.0	19	31.5	12	19	24	24	C-EGE 12 SR 1/4 WD	14.0
			12	G1/2A	8.0	27	35.0	14	27	24	24	C-EGE 12 SR 1/2 WD	14.0
			14	G1/2A	9.0	27	36.5	14	27	27	27	C-EGE 14 SR WD	12.6
400		630	16	G1/2A	11.0	27	37.5	14	27	30	C-EGE 16 SR WD	14.6	
400		400	20	G3/4A	14.0	32	43.0	16	32	36	C-EGE 20 SR WD	22.1	
400		400	25	G1A	18.0	40	48.0	18	41	46	C-EGE 25 SR WD	40.2	
315		400	30	G1 1/4A	23.0	50	51.0	20	50	50	C-EGE 30 SR WD	58.2	
315		400	38	G1 1/2A	30.0	55	60.0	22	55	60	C-EGE 38 SR WD	78.6	

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

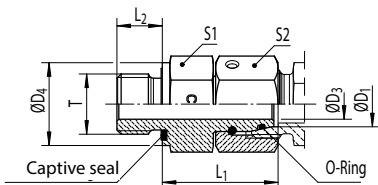
C-EGE-M-WD

Male Stud Connector with Cone End

Metric Male Stud Connector with Captive seal (ISO 9974, Type 24° Swivel (DIN EN ISO 8434-1)



C-EGE-NPT



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100
	C	CF										
L	315	500	6	M10x1	2.5	14	24.5	8	14	14	C-EGE 06 LM WD	2.3
			8	M12x1.5	4.0	17	26.5	12	17	17	C-EGE 08 LM WD	3.8
			10	M14x1.5	6.0	19	27.5	12	19	19	C-EGE 10 LM WD	4.8
	315	400	12	M16x1.5	8.0	22	30.5	12	22	22	C-EGE 12 LM WD	6.7
			12	M22 X 1,5	8.0	27	27.0	14	27	22	C-EGE 12 LM 22 X 1,5 WD	9.2
			15	M18x1.5	10.0	24	31.5	12	24	27	C-EGE 15 LM WD	10.1
			15	M22 X 1,5	10.0	27	32.0	14	27	27	C-EGE 15 LM 22 X 1,5 WD	12.0
			18	M22x1.5	13.0	27	31.5	14	27	32	C-EGE 18 LM WD	13.8
			22	M26x1.5	17.0	32	32.5	16	32	36	C-EGE 22 LM WD	19.9
	160	250	28	M33x2	22.0	40	35.0	18	41	41	C-EGE 28 LM WD	35.8
			35	M42x2	28.0	50	42.5	20	50	50	C-EGE 35 LM WD	45.0
			42	M48x2	34.0	55	46.5	22	55	60	C-EGE 42 LM WD	70.8
S	630	800	6	M12x1.5	2.5	17	27.0	12	17	17	C-EGE 06 SM WD	4.0
			8	M14x1.5	4.0	19	29.5	12	19	19	C-EGE 08 SM WD	5.1
			10	M16x1.5	6.0	22	32.0	12	22	22	C-EGE 10 SM WD	7.1
	630	630	12	M18x1.5	8.0	24	34.0	12	24	24	C-EGE 12 SM WD	8.9
			14	M20x1.5	9.0	26	36.5	14	27	27	C-EGE 14 SM WD	12.1
	400	630	16	M22x1.5	11.0	27	37.0	14	27	30	C-EGE 16 SM WD	14.8
			20	M27x2	14.0	32	43.0	16	32	36	C-EGE 20 SM WD	22.3
	400	400	25	M33x2	18.0	40	48.0	18	41	46	C-EGE 25 SM WD	40.0
			30	M42x2	23.0	50	51.0	20	50	50	C-EGE 30 SM WD	58.3
			38	M48x2	30.0	55	60.0	22	55	60	C-EGE 38 SM WD	78.2

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



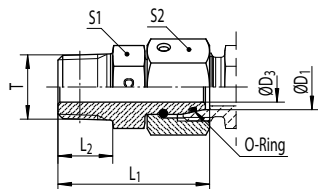
C-EGE-NPT

Male stud connector with Cone

NPT-Male Stud Connector (SAE J476) /
24° Swivel (DIN EN ISO 8434-1)



C-EVGE-R-WD



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100
	C	CF									
L	315	315	6	1/8-27 NPT	2.5	31.5	10.0	11	14	C-EGE 06 L 1/8 NPT	2.3
			8	1/4-18 NPT	4.0	37.5	14.5	14	17	C-EGE 08 L 1/4 NPT	4.3
			10	1/4-18 NPT	6.0	38.0	14.5	14	19	C-EGE 10 L 1/4 NPT	4.5
			12	3/8-18 NPT	8.0	40.0	14.5	19	22	C-EGE 12 L 3/8 NPT	7.1
			15	1/2-14 NPT	10.0	49.5	19.5	22	27	C-EGE 15 L 1/2 NPT	13.5
			18	1/2-14 NPT	12.0	49.0	19.5	24	32	C-EGE 18 L 1/2 NPT	15.1
	160	160	22	3/4-14 NPT	16.0	52.0	19.5	27	36	C-EGE 22 L 3/4 NPT	20.7
			28	1-11 1/2 NPT	22.0	61.0	24.5	36	41	C-EGE 28 L 1 NPT	30.8
			35	1 1/4-11 1/2 NPT	28.0	65.5	25.0	46	50	C-EGE 35 L 1 1/4 NPT	49.3
			42	1 1/2-11 1/2 NPT	34.0	68.5	26.0	50	60	C-EGE 42 L 1 1/2 NPT	64.8
S	630	630	6	1/4-18 NPT	2.5	37.5	14.5	14	17	C-EGE 06 S 1/4 NPT	4.3
			8	1/4-18 NPT	4.0	38.0	14.5	14	19	C-EGE 08 S 1/4 NPT	4.8
			10	3/8-18 NPT	6.0	40.5	14.5	19	22	C-EGE 10 S 3/8 NPT	7.6
			12	3/8-18 NPT	8.0	42.0	14.5	19	24	C-EGE 12 S 3/8 NPT	8.2
			14	1/2-14 NPT	9.0	50.5	19.5	22	27	C-EGE 14 S 1/2 NPT	14.1
	400	400	16	1/2-14 NPT	11.0	51.0	19.5	22	30	C-EGE 16 S 1/2 NPT	14.6
			20	3/4-14 NPT	14.0	54.0	19.5	27	36	C-EGE 20 S 3/4 NPT	22.1
			25	1-11 1/2 NPT	18.0	63.5	24.5	36	46	C-EGE 25 S 1 NPT	44.2
			30	1 1/4-11 1/2 NPT	23.0	70.5	25.0	46	50	C-EGE 30 S 1 1/4 NPT	63.5
	315	315	38	1 1/2-11 1/2 NPT	30.0	73.5	26.0	50	60	C-EGE 38 S 1 1/2 NPT	79.5

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



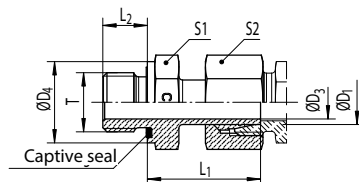
C-EVGE-R-WD

Male Stud Connector with Shaft

Male BSPP Thread with Captive seal (ISO 1179 Type E) /
24° Shaft connector - Preassembled Shaft



C-EVGE-M-WD



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100		
	C	CF												
L	315	315	6	G1/8A	3.5	14	24.5	8	14	14	C-EVGE 06 LR WD	2.4		
			8	G1/4A	4.5	19	29.5	12	19	17	C-EVGE 08 LR WD	4.4		
			10	G1/4A	7.0	19	27.5	12	19	19	C-EVGE 10 LR WD	4.7		
			12	G3/8A	7.5	22	34.0	12	22	22	C-EVGE 12 LR WD	9.4		
			12	G1/4A	7.0	19	28.5	12	19	22	C-EVGE 12 LR 1/4 WD	6.5		
			12	G1/2A	7.5	27	34.5	14	27	22	C-EVGE 12 LR 1/2 WD	11.3		
			15	G1/2A	11.0	27	32.0	14	27	27	C-EVGE 15 LR WD	13.7		
			18	G1/2A	14.0	27	31.5	14	27	32	C-EVGE 18 LR WD	14.2		
			160	160	22	G3/4A	18.0	32	32.5	16	32	36	C-EVGE 22 LR WD	20.2
					28	G1A	23.0	40	35.0	18	41	41	C-EVGE 28 LR WD	28.8
35	G 1 1/4A	29.5			50	42.5	20	50	50	C-EVGE 35 LR WD	50.1			
42	G1 1/2A	35.5			55	46.5	22	55	60	C-EVGE 42 LR WD	71.8			
S	630	630	6	G1/4A	3.5	19	27.0	12	19	17	C-EVGE 06 SR WD	5.3		
			8	G1/4A	4.5	19	29.5	12	19	19	C-EVGE 08 SR WD	6.4		
			10	G3/8A	6.5	22	32.0	12	22	22	C-EVGE 10 SR WD	9.3		
			12	G3/8A	7.5	22	34.0	12	22	24	C-EVGE 12 SR WD	10.0		
			12	G1/2A	7.5	27	34.5	14	27	24	C-EVGE 12 SR 1/2 WD	14.2		
			14	G1/2A	9.5	27	36.5	14	27	27	C-EVGE 14 SR WD	15.7		
	400	400	16	G1/2A	11.5	27	37.0	14	27	30	C-EVGE 16 SR WD	17.0		
			16	G3/4A	11.5	32	39.0	16	32	30	C-EVGE 16 SR 3/4 WD	23.4		
			20	G3/4A	15.5	32	43.0	16	32	36	C-EVGE 20 SR WD	27.3		
			25	G1A	18.0	40	48.0	18	41	46	C-EVGE 25 SR WD	49.3		
250	315	30	G 1 1/4A	23.0	50	51.0	20	50	50	C-EVGE 30 SR WD	69.1			
		38	G1 1/2A	29.0	55	60.0	22	55	60	C-EVGE 38 SR WD	88.9			

*Replace the character "C" with "CF" when you require steel!

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



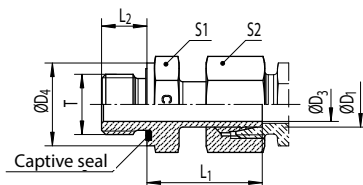
C-EVGE-M-WD

Male Stud Connector with Shaft

Male Metric Tread with Captive seal (ISO 9974 Type E) /
24° Shaft connector - Preassembled Shaft



C-EVGE-R



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100
	C	CF										
L	315	315	6	M10x1	3.5	14	24.5	8	14	14	C-EVGE 06 LM WD	2.5
			8	M12x1.5	5.5	17	26.5	12	17	17	C-EVGE 08 LM WD	4.0
			10	M14x1.5	7.0	19	27.5	12	19	19	C-EVGE 10 LM WD	4.8
			12	M16x1.5	9.0	22	30.5	12	22	22	C-EVGE 12 LM WD	6.5
			15	M18x1.5	11.0	24	31.5	12	24	27	C-EVGE 15 LM WD	9.6
	160	160	18	M22x1.5	14.0	27	31.5	14	27	32	C-EVGE 18 LM WD	13.0
			22	M26x1.5	18.0	32	32.5	16	32	36	C-EVGE 22 LM WD	17.6
			28	M33x2	23.0	40	35.0	18	41	41	C-EVGE 28 LM WD	19.3
			35	M42x2	29.5	50	42.5	20	50	50	C-EVGE 35 LM WD	40.7
			42	M48x2	35.5	55	46.5	22	55	60	C-EVGE 42 LM WD	45.6
S	630	630	6	M12x1.5	3.5	17	27.0	12	17	17	C-EVGE 06 SM WD	4.6
			8	M14x1.5	4.5	19	29.5	12	19	19	C-EVGE 08 SM WD	5.5
			10	M16x1.5	6.5	22	32.0	12	22	22	C-EVGE 10 SM WD	8.3
			12	M18x1.5	7.5	24	34.0	12	24	24	C-EVGE 12 SM WD	11.5
			14	M20x1.5	9.5	26	36.5	14	27	27	C-EVGE 14 SM WD	14.9
	400	400	16	M22x1.5	11.5	27	37.0	14	27	30	C-EVGE 16 SM WD	15.4
			20	M27x2	15.5	32	43.0	16	32	36	C-EVGE 20 SM WD	25.4
			25	M33x2	18.0	40	48.0	18	41	46	C-EVGE 25 SM WD	46.6
			30	M42x2	23.5	50	51.0	20	50	50	C-EVGE 30 SM WD	64.5
	250	315	38	M48x2	29.0	55	60.0	22	55	60	C-EVGE 38 SM WD	88.9

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



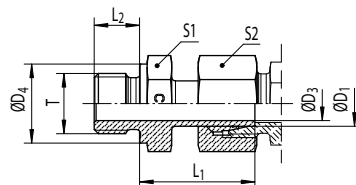
C-EVGE-R

Male Stud Connector with Shaft

Male BSPP Thread with Metal Sealing Edge (ISO 1179) /
24° Shaft connector - Preassembled Shaft



C-EVGE-M



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100		
	C	CF												
L	315	315	6	G1/8A	3.5	14	24.5	8	14	14	C-EVGE 06 LR	2.3		
			8	G1/4A	4.5	18	29.5	12	19	17	C-EVGE 08 LR	5.0		
			10	G1/4A	7.0	18	27.5	12	19	19	C-EVGE 10 LR	6.5		
			12	G3/8A	7.5	22	34.0	12	22	22	C-EVGE 12 LR	8.5		
			12	G1/4A	7.0	18	28.5	12	19	22	C-EVGE 12 LR 1/4	7.4		
			12	G1/2A	7.5	26	34.5	14	27	22	C-EVGE 12 LR 1/2	12.8		
			15	G1/2A	11.0	26	32.0	14	27	27	C-EVGE 15 LR	13.0		
			18	G1/2A	14.0	26	31.5	14	27	32	C-EVGE 18 LR	13.3		
			160	160	22	G3/4A	18.0	32	32.5	16	32	36	C-EVGE 22 LR	18.7
					28	G1A	23.0	39	35.0	18	41	41	C-EVGE 28 LR	38.0
35	G 1 1/4A	29.5			49	42.5	20	50	50	C-EVGE 35 LR	44.1			
42	G 1 1/2A	35.5			55	46.5	22	55	60	C-EVGE 42 LR	63.4			
S	630	630	6	G1/4A	3.5	18	27.0	12	19	17	C-EVGE 06 SR	5.0		
			8	G1/4A	4.5	18	29.5	12	19	19	C-EVGE 08 SR	5.6		
			10	G3/8A	6.5	22	32.0	12	22	22	C-EVGE 10 SR	8.4		
			12	G3/8A	7.5	22	34.0	12	22	24	C-EVGE 12 SR	9.4		
			12	G1/2A	7.5	26	34.5	14	27	24	C-EVGE 12 SR 1/2	9.6		
			14	G1/2A	9.5	26	36.5	14	27	27	C-EVGE 14 SR	14.6		
	400	400	16	G1/2A	11.5	26	37.0	14	27	30	C-EVGE 16 SR	16.5		
			16	G3/4A	11.5	32	39.0	16	32	30	C-EVGE 16 SR 3/4	20.2		
			20	G3/4A	15.5	32	43.0	16	32	36	C-EVGE 20 SR	28.6		
			25	G1A	18.0	39	48.0	18	41	46	C-EVGE 25 SR	49.0		
250	315	30	G 1 1/4A	23.5	49	51.0	20	50	50	C-EVGE 30 SR	70.7			
		38	G 1 1/2A	29.0	55	60.0	22	55	60	C-EVGE 38 SR	95.7			

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



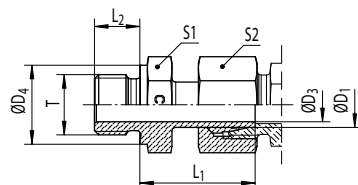
C-EVGE-M

Male Stud Connector

Male BSPP Thread with Captive seal (ISO 1179) /
24° Tube Connection (DIN EN ISO 8434-1)



C-EVGE-NPT



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/ 100
	C	CF										
L	315	315	6	M10x1	3.5	14	24.5	8	14	14	C-EVGE 06 LM	2.4
			8	M12x1.5	5.5	17	26.5	12	17	17	C-EVGE 08 LM	3.8
			10	M14x1.5	7.5	19	27.5	12	19	19	C-EVGE 10 LM	4.9
			12	M16x1.5	9.0	21	30.5	12	22	22	C-EVGE 12 LM	6.5
			15	M18x1.5	11.5	23	31.5	12	24	27	C-EVGE 15 LM	9.9
			18	M22x1.5	14.5	27	31.5	14	27	32	C-EVGE 18 LM	13.0
	160	160	22	M26x1.5	17.0	31	32.5	16	32	36	C-EVGE 22 LM	17.6
			28	M33x2	23.0	39	35.0	18	41	41	C-EVGE 28 LM	26.7
			35	M42x2	29.0	49	42.5	20	50	50	C-EVGE 35 LM	45.3
			42	M48x2	35.5	55	46.5	22	55	60	C-EVGE 42 LM	63.5
S	630	630	6	M12x1.5	3.5	17	27.0	12	17	17	C-EVGE 06 SM	4.1
			8	M14x1.5	4.5	19	29.5	12	19	19	C-EVGE 08 SM	5.8
			10	M16x1.5	6.5	21	32.0	12	22	22	C-EVGE 10 SM	8.1
			12	M18x1.5	7.5	23	34.0	12	24	24	C-EVGE 12 SM	10.6
			14	M20x1.5	9.5	25	36.5	14	27	27	C-EVGE 14 SM	14.1
	400	400	16	M22x1.5	11.5	27	37.0	14	27	30	C-EVGE 16 SM	16.2
			20	M27x2	15.5	32	43.0	16	32	36	C-EVGE 20 SM	25.6
			25	M33x2	18.0	39	48.0	18	41	46	C-EVGE 25 SM	43.6
			30	M42x2	23.5	49	51.0	20	50	50	C-EVGE 30 SM	66.6
	250	315	38	M48x2	29.5	55	60.0	22	55	60	C-EVGE 38 SM	89.4

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

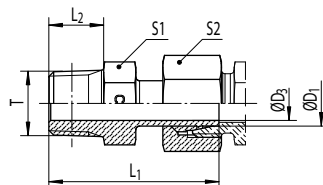


C-EVGE-NPT Male Stud Connector with Shaft

NPT-Male Stud Connector (SAE J476) /
24° Shaft connector - Preassembled Shaft



Non-Adjustable
Male Studs
Overview



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/ 100
	C	CF									
L	315	315	6	1/8-27 NPT	3.5	33.0	10.0	11	14	C-EVGE 06 L 1/8 NPT	2.6
			8	1/4-18 NPT	4.5	40.0	14.5	14	17	C-EVGE 08 L 1/4 NPT	5.4
			10	1/4-18 NPT	7.0	40.5	14.5	14	19	C-EVGE 10 L 1/4 NPT	4.7
			12	3/8-18 NPT	7.5	44.5	14.5	19	22	C-EVGE 12 L 3/8 NPT	7.0
			15	1/2-14 NPT	11.0	48.0	19.5	22	27	C-EVGE 15 L 1/2 NPT	10.9
			18	1/2-14 NPT	12.0	47.5	19.5	22	32	C-EVGE 18 L 1/2 NPT	13.0
	160	160	22	3/4-14 NPT	16.0	49.0	19.5	27	36	C-EVGE 22 L 3/4 NPT	18.5
			28	1-11 1/2 NPT	21.0	55.5	24.5	36	41	C-EVGE 28 L 1 NPT	38.0
			35	1 1/4-11 1/2 NPT	28.0	62.5	25.0	46	50	C-EVGE 35 L1 1/4 NPT	40.5
			42	1 1/2-11 1/2 NPT	34.0	65.0	26.0	50	60	C-EVGE 42 L1 1/2 NPT	57.0
S	630	630	6	1/4-18 NPT	3.5	40.0	14.5	14	17	C-EVGE 06 S 1/4 NPT	5.4
			8	1/4-18 NPT	4.5	40.0	14.5	14	19	C-EVGE 08 S 1/4 NPT	5.6
			10	3/8-18 NPT	6.5	44.0	14.5	19	22	C-EVGE 10 S 3/8 NPT	8.0
			12	3/8-18 NPT	7.5	44.5	14.5	19	24	C-EVGE 12 S 3/8 NPT	8.0
			14	1/2-14 NPT	9.5	53.5	19.5	22	27	C-EVGE 14 S 1/2 NPT	14.5
	400	400	16	1/2-14 NPT	11.5	53.5	19.5	22	30	C-EVGE 16 S 1/2 NPT	15.0
			20	3/4-14 NPT	15.5	58.0	19.5	27	36	C-EVGE 20 S 3/4 NPT	25.5
			25	1-11 1/2 NPT	18.0	68.0	24.5	36	46	C-EVGE 25 S 1 NPT	50.0
			30	1 1/4-11 1/2 NPT	23.5	73.5	25.0	46	50	C-EVGE 30 S 1 1/4 NPT	62.0
	250	315	38	1 1/2-11 1/2 NPT	29.5	78.0	26.0	50	60	C-EVGE 38 S 1 1/2 NPT	89.0

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

NON-ADJUSTABLE MALE STUDS OVERVIEW

Male Stud Elbow

Male Stud Connector - Tapered /
24° Tube Connection

Male Stud Elbow

Male stud connector with sealing
edge / 24° Tube Connection

Male Stud Elbow

Male Stud Connector - NPT /
24° Tube Connection

Male Metric Stud Branch T

Male Stud Connector - Tapered /
24° Tube Connection

Male Metric Stud Branch T

Male stud connector with sealing
edge / 24° Tube Connection

Male Metric Stud Branch T

Male Stud Connector - NPT /
24° Tube Connection

Male Stud-Run T

Male Stud Connector - Tapered
24° Tube Connection

Male Stud-Run T

Male stud connector with sealing
edge / 24° Tube Connection

Male Stud-Run T

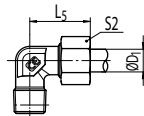
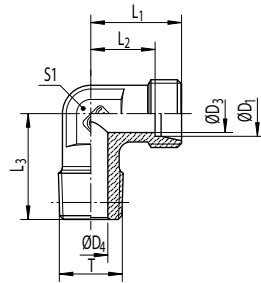
Male Stud Connector - NPT /
24° Tube Connection

C-WE-R-KEG Male Stud Elbow

Male BSPP Stud Connector - Tapered (DIN 3858-2 Type C) /
24° Tube Connection (DIN EN ISO 8434-1)



C-WE-M-KEG



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₅ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg/100
	C	CF												
LL	100	100	4	R1/8 KEG	3.0	4.0	15	11.0	17	21	9	10	C-WE 04 LLR KEG X	1.2
			6	R1/8 KEG	4.5	4.5	15	9.5	17	21	9	12	C-WE 06 LLR KEG X	1.3
			8	R1/8 KEG	6.0	6.0	17	11.5	20	23	12	14	C-WE 08 LLR KEG X	1.4
			10	R1/4 KEG	8.0	7.0	21	15.5	26	27	12	17	C-WE 10 LLR KEG X	2.3
			12	R1/4 KEG	10.0	7.0	21	15.0	27	27	14	19	C-WE 12 LLR KEG X	2.9
L	315	315	6	R1/8 KEG	4.0	4.0	19	12.0	20	27	12	14	C-WE 06 LR KEG X	2.0
			6	R1/4 KEG	4.0	6.0	21	14.0	26	29	12	14	C-WE 06 LR 1/4 KEG X	2.8
			8	R1/4 KEG	6.0	6.0	21	14.0	26	29	12	17	C-WE 08 LR KEG X	2.9
			8	R1/8 KEG	6.0	4.0	21	14.0	26	29	12	17	C-WE 08 LR 1/8 KEG X	2.6
			8	R3/8 KEG	6.0	9.0	24	17.0	28	32	17	17	C-WE 08 LR 3/8 KEG X	5.0
			10	R1/4 KEG	8.0	7.0	22	15.0	27	30	14	19	C-WE 10 LR KEG X	3.5
			10	R3/8 KEG	8.0	9.0	24	17.0	28	32	17	19	C-WE 10 LR 3/8 KEG X	5.0
			12	R3/8 KEG	10.0	9.0	24	17.0	28	32	17	22	C-WE 12 LR KEG X	5.0
			12	R1/4 KEG	10.0	7.0	24	17.0	27	32	17	22	C-WE 12 LR 1/4 KEG X	4.8
			12	R1/2 KEG	10.0	11.0	28	21.0	34	36	19	22	C-WE 12 LR 1/2 KEG X	8.8
			15	R1/2 KEG	12.0	11.0	28	21.0	34	36	19	27	C-WE 15 LR KEG X	9.3
S	400	400	6	R1/4 KEG	4.0	4.0	23	16.0	26	31	12	17	C-WE 06 SR KEG X	3.8
			6	R3/8 KEG	4.0	7.0	25	18.0	28	33	17	17	C-WE 06 SR 3/8 KEG X	6.2
			8	R1/4 KEG	5.0	5.0	24	17.0	27	32	14	19	C-WE 08 SR KEG X	4.7
			8	R3/8 KEG	5.0	7.0	25	18.0	28	33	17	19	C-WE 08 SR 3/8 KEG X	6.3
			10	R3/8 KEG	7.0	7.0	25	17.5	28	34	17	22	C-WE 10 SR KEG X	6.3
			10	R1/4 KEG	7.0	5.0	25	17.5	28	34	17	22	C-WE 10 SR 1/4 KEG X	5.9
			10	R1/2 KEG	7.0	10.0	30	22.5	32	39	19	22	C-WE 10 SR 1/2 KEG X	10.6
			12	R3/8 KEG	8.0	8.0	29	21.5	28	38	17	24	C-WE 12 SR KEG X	7.5
			12	R1/2 KEG	8.0	11.0	30	22.5	32	39	19	24	C-WE 12 SR 1/2 KEG X	10.2
			14	R1/2 KEG	10.0	10.0	30	22.0	32	40	19	27	C-WE 14 SR KEG X	10.0
16	R1/2 KEG	12.0	12.0	33	24.5	32	43	24	30	C-WE 16 SR KEG X	13.0			

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



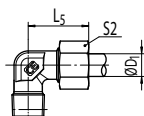
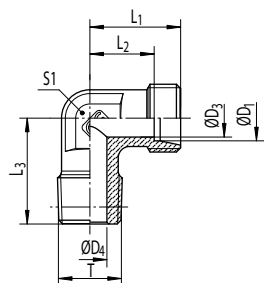
C-WE-M-KEG

Male Stud Elbow

Metric Male Stud Connector - Tapered (DIN 3852-1 Type C) /
24° Tube Connection (DIN EN ISO 8434-1)



C-WE-R



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₅ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg/ 100
	C	CF												
LL	100	100	4	M8x1 KEG	3.0	3.5	15	11.0	17	21	9	10	C-WE 04 LLM KEG X	1.0
			6	M10x1 KEG	4.5	4.5	15	9.5	17	21	9	12	C-WE 06 LLM KEG X	1.1
			8	M10x1 KEG	6.0	6.0	17	11.5	20	23	12	14	C-WE 08 LLM KEG X	1.5
L	315	315	6	M10x1 KEG	4.0	4.0	19	12.0	20	27	12	14	C-WE 06 LM KEG X	2.0
			8	M12x1.5 KEG	6.0	6.0	21	14.0	26	29	12	17	C-WE 08 LM KEG X	2.6
			10	M14x1.5 KEG	8.0	7.0	22	15.0	27	30	14	19	C-WE 10 LM KEG X	3.8
			12	M16x1.5 KEG	10.0	9.0	24	17.0	28	32	17	22	C-WE 12 LM KEG X	4.8
			15	M18x1,5 KEG	12.0	11.0	28	21.0	32	36	19	27	C-WE 15 LM KEG X	8.0
			18	M22x1,5 KEG	15.0	14.0	31	23.5	36	40	24	32	C-WE 18 LM KEG X	11.8
S	400	400	6	M12x1.5 KEG	4.0	4.0	23	16.0	26	31	12	17	C-WE 06 SM KEG X	3.5
			8	M14x1.5 KEG	5.0	5.0	24	17.0	27	32	14	19	C-WE 08 SM KEG X	4.8
			10	M16x1.5 KEG	7.0	7.0	25	17.5	28	34	17	22	C-WE 10 SM KEG X	6.0
			12	M18x1,5 KEG	8.0	8.0	29	21.5	28	38	17	24	C-WE 12 SM KEG X	7.8
			14	M20x1,5 KEG	10.0	10.0	30	22.0	32	40	19	27	C-WE 14 SM KEG X	10.5
			16	M22x1,5 KEG	12.0	12.0	33	24.5	32	43	24	30	C-WE 16 SM KEG X	13.5

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



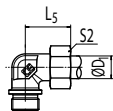
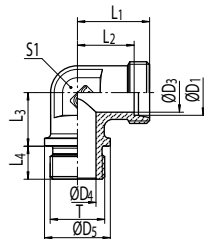
C-WE-R

Male Stud Elbow

Male BSPP Thread with Metal Sealing Edge (ISO 1179) /
24° Tube Connection (DIN EN ISO 8434-1)



C-WE-M



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100
	C	CF														
L	160	160	22	G3/4A	19	18	32	35	27.5	26	16	44	27	36	C-WE 22 LR X	16.8
			28	G1A	24	23	39	38	30.5	30	18	47	36	41	C-WE 28 LR X	30.5
			35	G1 1/4A	30	30	49	45	34.5	34	20	56	41	50	C-WE 35 LR X	46.5
			42	G1 1/2A	36	36	55	51	40.0	39	22	63	50	60	C-WE 42 LR X	70.6
S	400	400	20	G3/4A	16	16	32	37	26.5	26	16	48	27	36	C-WE 20 SR X	21.0
	250	250	25	G1A	20	20	39	42	30.0	30	18	54	36	46	C-WE 25 SR X	38.8
	160	160	30	G1 1/4A	25	25	49	49	35.5	34	20	62	41	50	C-WE 30 SR X	63.0
			38	G1 1/2A	32	32	55	57	41.0	39	22	72	50	60	C-WE 38 SR X	88.0

*Replace the character "C" with "CF" when you require steel!
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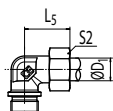
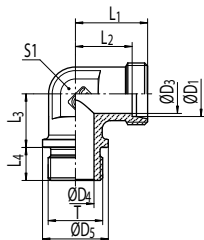


C-WE-M Male Stud Elbow

Metric Male Stud Connector with Sealing Edge (ISO 9974) /
24° Tube Connection (DIN EN ISO 8434-1)



C-WE-NPT



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100
	C	CF														
L	160	160	22	M26x1.5	19	18	31	35	27.5	26	16	44	27	36	C-WE 22 LM X	17.0
			28	M33x2	24	23	39	38	30.5	30	18	47	36	41	C-WE 28 LM X	30.5
			35	M42x2	30	30	49	45	34.5	34	20	56	41	50	C-WE 35 LM X	46.0
			42	M48x2	36	36	55	51	40.0	39	22	63	50	60	C-WE 42 LM X	67.5
S	400	400	20	M27x2	16	16	32	37	26.5	26	16	48	27	36	C-WE 20 SM X	21.0
	250	250	25	M33x2	20	20	39	42	30.0	30	18	54	36	46	C-WE 25 SM X	39.5
	160	160	30	M42x2	25	25	49	49	35.5	34	20	62	41	50	C-WE 30 SM X	62.5
			38	M48x2	32	32	55	57	41.0	39	22	72	50	60	C-WE 38 SM X	90.0

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

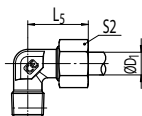
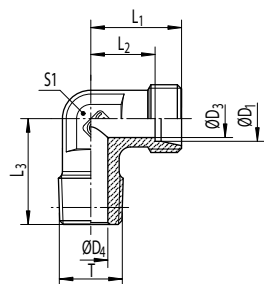


C-WE-NPT Male Stud Elbow

NPT-Male Stud Connector (SAE J476) /
24° Tube Connection (DIN EN ISO 8434-1)



C-TE-R-KEG



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₅ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg/100
	C	CF												
LL	100	100	4	1/8-27 NPT	3.0	4.0	15	11.0	17	21	9	10	C-WE 04 LL 1/8 NPT X	1.2
			6	1/8-27 NPT	4.5	4.5	15	9.5	17	21	9	12	C-WE 06 LL 1/8 NPT X	1.1
			8	1/8-27 NPT	6.0	5.0	17	11.5	20	23	12	14	C-WE 08 LL 1/8 NPT X	1.7
L	315	315	6	1/8-27 NPT	4.0	4.0	19	12.0	20	27	12	14	C-WE 06 L 1/8 NPT X	2.1
			6	1/4-18 NPT	4.0	7.0	21	14.0	26	29	12	14	C-WE 06 L 1/4 NPT X	2.7
			6	3/8-18 NPT	4.0	8.0	25	18.0	28	33	17	14	C-WE 06 L 3/8 NPT X	5.7
			8	1/8-27 NPT	6.0	4.0	21	14.0	26	29	12	17	C-WE 08 L 1/8 NPT X	2.7
			8	1/4-18 NPT	6.0	6.0	21	14.0	26	29	12	17	C-WE 08 L 1/4 NPT X	2.9
			10	1/4-18 NPT	8.0	7.0	22	15.0	27	30	14	19	C-WE 10 L 1/4 NPT X	3.5
			10	3/8-18 NPT	8.0	8.0	24	17.0	28	32	17	19	C-WE 10 L 3/8 NPT X	5.4
			12	1/4-18 NPT	10.0	7.0	24	17.0	28	32	17	22	C-WE 12 L 1/4 NPT X	4.6
			12	3/8-18 NPT	10.0	8.0	24	17.0	28	32	17	22	C-WE 12 L 3/8 NPT X	5.2
			12	1/2-14 NPT	10.0	11.0	28	21.0	34	36	19	22	C-WE 12 L 1/2 NPT X	8.8
			15	1/2-14 NPT	12.0	11.0	28	21.0	34	36	19	27	C-WE 15 L 1/2 NPT X	9.2
			18	1/2-14 NPT	15.0	12.0	31	23.5	36	40	24	32	C-WE 18 L 1/2 NPT X	11.7
			22	3/4-14 NPT	19.0	16.0	35	27.5	42	44	27	36	C-WE 22 L 3/4 NPT X	17.0
			28	1-11 1/2 NPT	24.0	21.0	38	30.5	48	47	36	41	C-WE 28 L 1 NPT X	29.0
			35	1 1/4-11 1/2 NPT	30.0	28.0	45	34.5	54	56	41	50	C-WE 35 L 1 1/4 NPT X	47.7
42	1 1/2-11 1/2 NPT	36.0	34.0	51	40.0	61	63	50	60	C-WE 42 L 1 1/2 NPT X	70.6			
S	630	630	6	1/4-18 NPT	4.0	4.0	23	16.0	26	31	12	17	C-WE 06 S 1/4 NPT X	3.8
			8	1/4-18 NPT	5.0	5.0	24	17.0	27	32	14	19	C-WE 08 S 1/4 NPT X	4.5
			8	3/8-18 NPT	5.0	8.0	25	18.0	28	33	17	19	C-WE 08 S 3/8 NPT X	6.1
			8	1/2-14 NPT	5.0	10.0	30	23.0	34	38	19	19	C-WE 08 S 1/2 NPT X	10.9
			10	1/4-18 NPT	7.0	5.0	25	17.5	28	34	17	22	C-WE 10 S 1/4 NPT X	6.0
			10	3/8-18 NPT	7.0	7.0	25	17.5	28	34	17	22	C-WE 10 S 3/8 NPT X	6.4
			12	1/4-18 NPT	8.0	5.0	29	21.5	28	38	17	24	C-WE 12 S 1/4 NPT X	7.5
			12	3/8-18 NPT	8.0	8.0	29	21.5	28	38	17	24	C-WE 12 S 3/8 NPT X	7.7
			12	1/2-14 NPT	8.0	10.0	30	22.5	34	39	19	24	C-WE 12 S 1/2 NPT X	10.8
			14	1/2-14 NPT	10.0	10.0	30	22.0	34	40	19	27	C-WE 14 S 1/2 NPT X	10.6
			16	1/2-14 NPT	12.0	12.0	33	24.5	36	43	24	30	C-WE 16 S 1/2 NPT X	13.3
			20	3/4-14 NPT	16.0	16.0	37	26.5	42	48	27	36	C-WE 20 S 3/4 NPT X	19.9
			25	1-11 1/2 NPT	20.0	20.0	42	30.0	48	54	36	46	C-WE 25 S 1 NPT X	38.0
			30	1 1/4-11 1/2 NPT	25.0	25.0	49	35.5	54	62	41	50	C-WE 30 S 1 1/4 NPT X	60.5
			250	315	38	1 1/2-11 1/2 NPT	32.0	32.0	57	41.0	61	72	50	60

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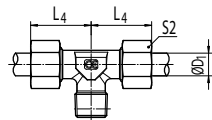
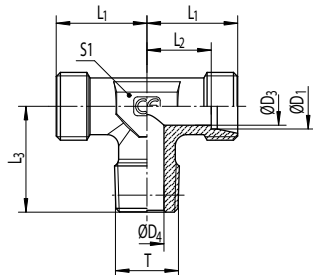
C-TE-R-KEG

Male Metric Stud Branch T

Male BSPP Stud Connector - Tapered (DIN 3852-2 Type C) /
24° Tube Connection (DIN EN ISO 8434-1)



C-TE-M-KEG



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100
	C	CF												
LL	100	100	4	R1/8 KEG	3.0	4.0	15	11.0	17	21	9	10	C-TE 04 LLR KEG X	1.3
			6	R1/8 KEG	4.5	4.5	15	9.5	17	21	9	12	C-TE 06 LLR KEG X	1.4
			8	R1/8 KEG	6.0	6.0	17	11.5	20	23	12	14	C-TE 08 LLR KEG X	2.0
L	315	315	6	R1/8 KEG	4.0	4.0	19	12.0	20	27	12	14	C-TE 06 LR KEG X	2.7
			8	R1/4 KEG	6.0	6.0	21	14.0	26	29	12	17	C-TE 08 LR KEG X	3.8
			10	R1/4 KEG	8.0	7.0	22	15.0	27	30	14	19	C-TE 10 LR KEG X	4.5
			12	R3/8 KEG	10.0	9.0	24	17.0	28	32	17	22	C-TE 12 LR KEG X	6.2
			15	R1/2 KEG	12.0	11.0	28	21.0	34	36	19	27	C-TE 15 LR KEG X	12.2
			18	R1/2 KEG	15.0	14.0	31	23.5	36	40	24	32	C-TE 18 LR KEG X	15.0
S	400	400	6	R1/4 KEG	4.0	4.0	23	16.0	26	31	12	17	C-TE 06 SR KEG X	4.9
			8	R1/4 KEG	5.0	5.0	24	17.0	27	32	14	19	C-TE 08 SR KEG X	6.3
			10	R3/8 KEG	7.0	7.0	25	17.5	28	34	17	22	C-TE 10 SR KEG X	8.2
			12	R3/8 KEG	8.0	8.0	29	21.5	28	38	17	24	C-TE 12 SR KEG X	10.4
			14	R1/2 KEG	10.0	10.0	30	22.0	32	40	19	27	C-TE 14 SR KEG X	13.7
			16	R1/2 KEG	12.0	12.0	33	24.5	32	43	24	30	C-TE 16 SR KEG X	17.0

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



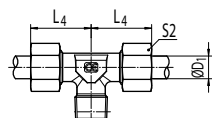
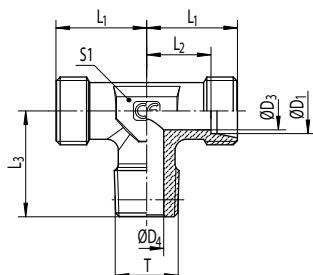
C-TE-M-KEG

Male Metric Stud Branch T

Metric Male Stud Connector - Tapered (DIN 3852-1 Type C) /
24° Tube Connection (DIN EN ISO 8434-1)



C-TE-R



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code*	kg/100
	C	CF												
LL	100	100	4	M8x1 KEG	3.0	3.5	15	11.0	17	21	9	10	C-TE 04 LLM KEG X	1.3
			6	M10x1 KEG	4.5	4.5	15	9.5	17	21	9	12	C-TE 06 LLM KEG X	1.4
			8	M10x1 KEG	6.0	6.0	17	11.5	20	23	12	14	C-TE 08 LLM KEG X	1.9
L	315	315	6	M10x1 KEG	4.0	4.0	19	12.0	20	27	12	14	C-TE 06 LM KEG X	2.7
			8	M12x1.5 KEG	6.0	6.0	21	14.0	26	29	12	17	C-TE 08 LM KEG X	3.6
			10	M14x1.5 KEG	8.0	7.0	22	15.0	27	30	14	19	C-TE 10 LM KEG X	5.0
			12	M16x1.5 KEG	10.0	9.0	24	17.0	28	32	17	22	C-TE 12 LM KEG X	6.4
			15	M18x1,5 KEG	12.0	11.0	28	21.0	32	36	19	27	C-TE 15 LM KEG X	9.5
S	400	400	6	M12x1.5 KEG	4.0	4.0	23	16.0	26	31	12	17	C-TE 06 SM KEG X	4.8
			8	M14x1.5 KEG	5.0	5.0	24	17.0	27	32	14	19	C-TE 08 SM KEG X	6.6
			10	M16x1.5 KEG	7.0	7.0	25	17.5	28	34	17	22	C-TE 10 SM KEG X	8.2
			12	M18x1,5 KEG	8.0	8.0	29	21.5	28	38	17	24	C-TE 12 SM KEG X	10.6
			14	M20x1,5 KEG	10.0	10.0	30	22.0	32	40	19	27	C-TE 14 SM KEG X	13.5
			16	M22x1,5 KEG	12.0	12.0	33	24.5	32	43	24	30	C-TE 16 SM KEG X	17.9

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



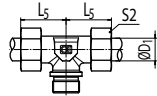
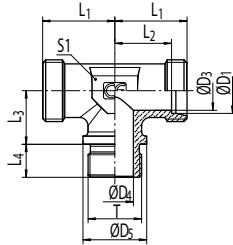
C-TE-R

Male Metric Stud Branch T

Male BSPP Thread with Metal Sealing Edge (ISO 1179) /
24° Tube Connection (DIN EN ISO 8434-1)



C-TE-M



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	S1 [mm]	S2 [mm]	Ordering Code*	kg/100
	C	CF														
L	160	160	22	G3/4A	19	18	32	35	27.5	26	16	44	27	36	C-TE 22 LR X	22.1
			28	G1A	24	23	39	38	30.5	30	18	47	36	41	C-TE 28 LR X	37.3
			35	G1 1/4A	30	30	49	45	34.5	34	20	56	41	50	C-TE 35 LR X	56.3
			42	G1 1/2A	36	36	55	51	40.0	39	22	63	50	60	C-TE 42 LR X	78.2
S	400	400	20	G3/4A	16	16	32	37	26.5	26	16	48	27	36	C-TE 20 SR X	27.5
	250	250	25	G1A	20	20	39	42	30.0	30	18	54	36	46	C-TE 25 SR X	49.0
	160	160	30	G1 1/4A	25	25	49	49	35.5	34	20	62	41	50	C-TE 30 SR X	76.6
			38	G1 1/2A	32	32	55	57	41.0	39	22	72	50	60	C-TE 38 SR X	111.4

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



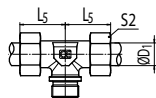
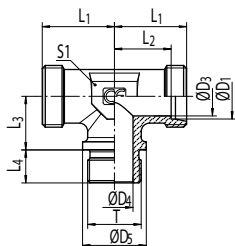
C-TE-M

Male Metric Stud Branch T

Metric Male Stud Connector with Sealing Edge (ISO 9974) /
24° Tube Connection (DIN EN ISO 8434-1)



C-TE-NPT



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg/100
	C	CF														
L	160	160	22	M26x1.5	19	18	31	35	27.5	26	16	44	27	36	C-TE 22 LM X	20.9
			28	M33x2	24	23	38	38	30.5	30	18	47	36	41	C-TE 28 LM X	35.7
			35	M42x2	30	30	49	45	34.5	34	20	56	41	50	C-TE 35 LM X	54.4
			42	M48x2	36	36	55	51	40.0	39	22	63	50	60	C-TE 42 LM X	78.8
S	400	400	20	M27x2	16	16	32	37	26.5	26	16	48	27	36	C-TE 20 SM X	27.6
	250	250	25	M33x2	20	20	39	42	30.0	30	18	54	36	46	C-TE 25 SM X	49.1
	160	160	30	M42x2	25	25	49	49	35.5	34	20	62	41	50	C-TE 30 SM X	77.0
			38	M48x2	32	32	55	57	41.0	39	22	72	50	60	C-TE 38 SM X	112.0

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

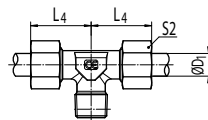
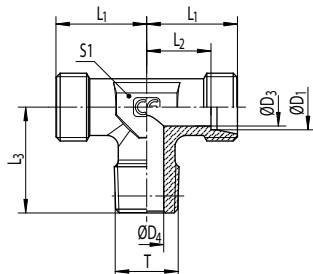


C-TE-NPT Male Metric Stud Branch T

NPT-Male Stud Connector (SAE J476) /
24° Tube Connection (DIN EN ISO 8434-1)



C-LE-R-KEG



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg/100
	C	CF												
LL	100	100	4	1/8-27 NPT	3.0	4.0	15	11.0	17	21	9	10	C-TE04LL 1/8 NPTX	1.5
			6	1/8-27 NPT	4.5	4.5	15	9.5	17	21	9	12	C-TE06LL 1/8 NPTX	1.4
			8	1/8-27 NPT	6.0	5.0	17	11.5	20	23	12	14	C-TE08LL 1/8 NPTX	2.2
S	315	315	6	1/8-27 NPT	4.0	4.0	19	12.0	20	27	12	14	C-TE06L 1/8 NPTX	2.8
			6	1/4-18 NPT	4.0	7.0	21	14.0	26	29	12	14	C-TE06L 1/4 NPTX	3.6
			6	3/8-18 NPT	4.0	8.0	25	18.0	28	33	17	14	C-TE06L 3/8 NPTX	7.4
			8	1/8-27 NPT	6.0	4.0	21	14.0	26	29	12	17	C-TE08L 1/8 NPTX	3.6
			8	1/4-18 NPT	6.0	6.0	21	14.0	26	29	12	17	C-TE08L 1/4 NPTX	3.8
			10	1/4-18 NPT	8.0	7.0	22	15.0	27	30	14	19	C-TE10L 1/4 NPTX	4.6
			10	3/8-18 NPT	8.0	8.0	24	17.0	28	32	17	19	C-TE10L 3/8 NPTX	6.8
			12	1/4-18 NPT	10.0	7.0	24	17.0	28	32	17	22	C-TE12L 1/4 NPTX	5.9
			12	3/8-18 NPT	10.0	8.0	24	17.0	28	32	17	22	C-TE12L 3/8 NPTX	6.5
			12	1/2-14 NPT	10.0	11.0	28	21.0	34	36	19	22	C-TE12L 1/2 NPTX	11.6
			15	1/2-14 NPT	12.0	11.0	28	21.0	34	36	19	27	C-TE15L 1/2 NPTX	11.7
			18	1/2-14 NPT	15.0	12.0	31	23.5	36	40	24	32	C-TE18L 1/2 NPTX	15.7
			22	3/4-14 NPT	19.0	16.0	35	27.5	42	44	27	36	C-TE22L 3/4 NPTX	22.0
			28	1-11 1/2NPT	24.0	21.0	38	30.5	48	47	36	41	C-TE28L 1 NPTX	36.7
			35	1 1/4-11 1/2NPT	30.0	28.0	45	34.5	54	56	41	50	C-TE35L 1 1/4 NPTX	55.5
42	1 1/2-11 1/2NPT	36.0	34.0	51	40.0	61	63	50	60	C-TE42L 1 1/2 NPTX	81.0			
S	630	630	6	1/4-18 NPT	4.0	4.0	23	16.0	26	31	12	17	C-TE06S 1/4 NPTX	5.1
			8	1/4-18 NPT	5.0	5.0	24	17.0	27	32	14	19	C-TE08S 1/4 NPTX	6.5
			8	3/8-18 NPT	5.0	8.0	25	18.0	28	33	17	19	C-TE08S 3/8 NPTX	8.1
			8	1/2-14 NPT	5.0	10.0	30	23.0	34	38	19	19	C-TE08S 1/2 NPTX	14.2
			10	1/4-18 NPT	7.0	5.0	25	17.5	28	34	17	22	C-TE10S 1/4 NPTX	8.0
			10	3/8-18 NPT	7.0	7.0	25	17.5	28	34	17	22	C-TE10S 3/8 NPTX	8.4
			12	1/4-18 NPT	8.0	5.0	29	21.5	29	38	17	24	C-TE12S 1/4 NPTX	10.5
			12	3/8-18 NPT	8.0	8.0	29	21.5	28	38	17	24	C-TE12S 3/8 NPTX	10.6
			12	1/2-14 NPT	8.0	10.0	30	22.5	34	39	19	24	C-TE12S 1/2 NPTX	14.3
			14	1/2-14 NPT	10.0	10.0	30	22.0	34	40	19	27	C-TE14S 1/2 NPTX	14.1
			16	1/2-14 NPT	12.0	12.0	33	24.5	36	43	24	30	C-TE16S 1/2 NPTX	18.2
			20	3/4-14 NPT	16.0	16.0	37	26.5	42	48	27	36	C-TE20S 3/4 NPTX	26.8
S	400	400	25	1-11 1/2NPT	20.0	20.0	42	30.0	48	54	36	46	C-TE25S 1 NPTX	47.7
			30	1 1/4-11 1/2NPT	25.0	25.0	49	35.5	54	62	41	50	C-TE30S 1 1/4 NPTX	75.0
			38	1 1/2-11 1/2NPT	32.0	32.0	57	41.0	61	72	50	60	C-TE38S 1 1/2 NPTX	110.0

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



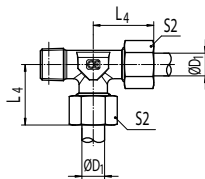
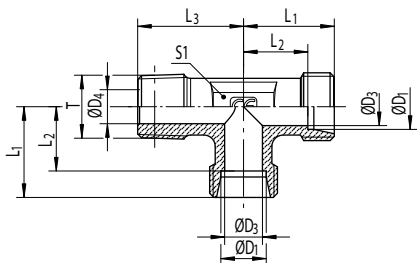
C-LE-R-KEG

Male Stud-Run T

Male BSPP Stud Connector , tapered (DIN 3852-2, Type C) /
24° Tube Connection (DIN EN ISO 8434-1)



C-LE-M-KEG



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg/100
	C	CF												
LL	100	100	4	R1/8 KEG	3.0	4.0	15	11.0	17	21	9	10	C-LE 04 LLR KEG X	1.5
			6	R1/8 KEG	4.5	4.5	15	9.5	17	21	9	12	C-LE 06 LLR KEG X	2.0
			8	R1/8 KEG	6.0	6.0	17	11.5	20	23	12	14	C-LE 08 LLR KEG X	2.1
L	315	315	6	R1/8 KEG	4.0	4.0	19	12.0	20	27	12	14	C-LE 06 LR KEG X	2.8
			8	R1/4 KEG	6.0	6.0	21	14.0	26	29	12	17	C-LE 08 LR KEG X	3.7
			10	R1/4 KEG	8.0	7.0	22	15.0	27	30	14	19	C-LE 10 LR KEG X	4.6
			12	R3/8 KEG	10.0	9.0	24	17.0	28	32	17	22	C-LE 12 LR KEG X	6.3
			15	R1/2 KEG	12.0	11.0	28	21.0	34	36	19	27	C-LE 15 LR KEG X	11.3
S	400	400	6	R1/4 KEG	4.0	4.0	23	16.0	26	31	12	17	C-LE 06 SR KEG X	5.0
			8	R1/4 KEG	5.0	5.0	24	17.0	27	32	14	19	C-LE 08 SR KEG X	6.4
			10	R3/8 KEG	7.0	7.0	25	17.5	28	34	17	22	C-LE 10 SR KEG X	8.4
			12	R3/8 KEG	8.0	8.0	29	21.5	28	38	17	24	C-LE 12 SR KEG X	10.4
			14	R1/2 KEG	10.0	10.0	30	22.0	32	40	19	27	C-LE 14 SR KEG X	13.9
			16	R1/2 KEG	12.0	12.0	33	24.5	32	43	24	30	C-LE 16 SR KEG X	17.1

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



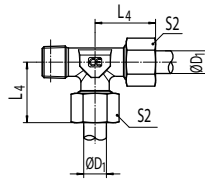
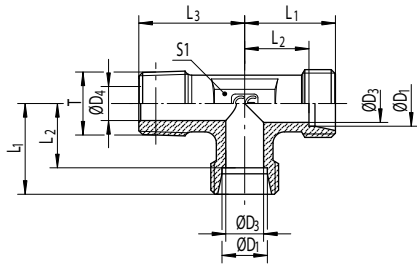
C-LE-M-KEG

Male Stud-Run T

Metric Male Stud Connector - Tapered (DIN 3852-1 Type C) /
24° Tube Connection (DIN EN ISO 8434-1)



C-LE-R



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg/100
	C	CF												
LL	100	100	4	M8x1 KEG	3.0	3.5	15	11.0	17	21	9	10	C-LE 04 LLM KEG X	1.3
			6	M10x1 KEG	4.5	4.5	15	9.5	17	21	9	12	C-LE 06 LLM KEG X	1.4
			8	M10x1 KEG	6.0	6.0	17	11.5	20	23	12	14	C-LE 08 LLM KEG X	1.9
L	315	315	6	M10x1 KEG	4.0	4.0	19	12.0	20	27	12	14	C-LE 06 LM KEG X	2.9
			8	M12x1.5 KEG	6.0	6.0	21	14.0	26	29	12	17	C-LE 08 LM KEG X	3.5
			10	M14x1.5 KEG	8.0	7.0	22	15.0	27	30	14	19	C-LE 10 LM KEG X	4.8
			12	M16x1.5 KEG	10.0	9.0	24	17.0	28	32	17	22	C-LE 12 LM KEG X	6.1
			15	M18x1,5 KEG	12.0	11.0	28	21.0	32	36	19	27	C-LE 15 LM KEG X	10.6
S	400	400	6	M12x1.5 KEG	4.0	4.0	23	16.0	26	31	12	17	C-LE 06 SM KEG X	4.9
			8	M14x1.5 KEG	5.0	5.0	24	17.0	27	32	14	19	C-LE 08 SM KEG X	6.7
			10	M16x1.5 KEG	7.0	7.0	25	17.5	28	34	17	22	C-LE 10 SM KEG X	8.2
			12	M18x1,5 KEG	8.0	8.0	29	21.5	28	38	17	24	C-LE 12 SM KEG X	11.0
			14	M20x1,5 KEG	10.0	10.0	30	22.0	32	40	19	27	C-LE 14 SM KEG X	13.6
			16	M22x1,5 KEG	12.0	12.0	33	24.5	32	43	24	30	C-LE 16 SM KEG X	18.1

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

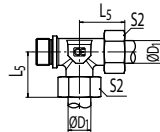
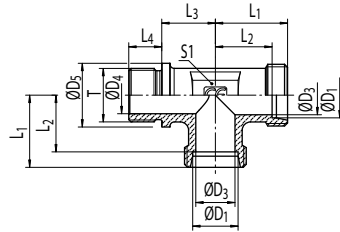


C-LE-R Male Stud-Run T

Male BSPP Thread with Metal Sealing Edge (ISO 1179) /
24° Tube Connection (DIN EN ISO 8434-1)



C-LE-M



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100
	C	CF														
L	160	160	22	G3/4A	19	18	32	35	27.5	26	16	44	27	36	C-LE 22 LR X	21.2
			28	G1A	24	23	39	38	30.5	30	18	47	36	41	C-LE 28 LR X	36.9
			35	G1 1/4A	30	30	49	45	34.5	34	20	56	41	50	C-LE 35 LR X	54.2
			42	G1 1/2A	36	36	55	51	40.0	39	22	63	50	60	C-LE 42 LR X	78.1
S	400	400	20	G3/4A	16	16	32	37	26.5	26	16	48	27	36	C-LE 20 SR X	27.4
	250	250	25	G1A	20	20	39	42	30.0	30	18	54	36	46	C-LE 25 SR X	49.0
	160	160	30	G1 1/4A	25	25	49	49	35.5	34	20	62	41	50	C-LE 30 SR X	76.5
			38	G1 1/2A	32	32	55	57	41.0	39	22	72	50	60	C-LE 38 SR X	111.4

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



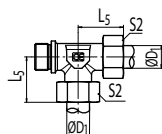
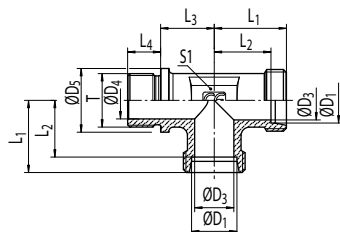
C-LE-M

Male Stud-Run T

Metric Male Stud Connector with Sealing Edge (ISO 9974) /
24° Tube Connection (DIN EN ISO 8434-1)



C-LE-NPT



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code*	kg/100
	C	CF														
L	160	160	22	M26x1.5	19	18	31	35	27.5	26	16	44	27	36	C-LE 22 LM X	21.2
			28	M33x2	24	23	39	38	30.5	30	18	47	36	41	C-LE 28 LM X	36.9
			35	M42x2	30	30	49	45	34.5	34	20	56	41	50	C-LE 35 LM X	54.2
			42	M48x2	36	36	55	51	40.0	39	22	63	50	60	C-LE 42 LM X	78.1
S	400	400	20	M27x2	16	16	32	37	26.5	26	16	48	27	36	C-LE 20 SM X	27.4
	250	250	25	M33x2	20	20	39	42	30.0	30	18	54	36	46	C-LE 25 SM X	49.0
	160	160	30	M42x2	25	25	49	49	35.5	34	20	62	41	50	C-LE 30 SM X	76.5
			38	M48x2	32	32	55	57	41.0	39	22	72	50	60	C-LE 38 SM X	111.4

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

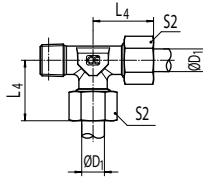
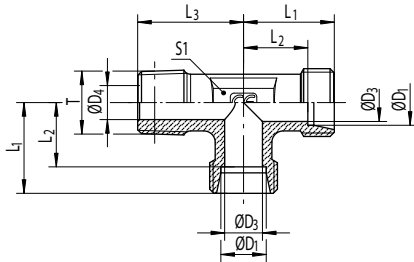


C-LE-NPT Male Stud-Run T

NPT-Male Stud Connector (SAE J476) /
24° Tube Connection (DIN EN ISO 8434-1)



Adjustable Male Studs
Overview



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg/100			
	C	CF															
LL	100	100	4	1/8-27 NPT	3.0	4.0	15	11.0	17	21	9	10	C-LE 04 LL 1/8 NPT X	1.5			
			6	1/8-27 NPT	4.5	4.5	15	9.5	17	21	9	12	C-LE 06 LL 1/8 NPT X	1.6			
			8	1/8-27 NPT	6.0	5.0	17	11.5	20	23	12	14	C-LE 08 LL 1/8 NPT X	2.2			
L	315	315	6	1/8-27 NPT	4.0	4.0	19	12.0	20	27	12	14	C-LE 06 L 1/8 NPT X	2.9			
			6	1/4-18 NPT	4.0	7.0	21	14.0	26	29	12	14	C-LE 06 L 1/4 NPT X	3.6			
			6	3/8-18 NPT	4.0	8.0	25	18.0	28	33	17	14	C-LE 06 L 3/8 NPT X	7.4			
			8	1/8-27 NPT	6.0	4.0	21	14.0	26	29	12	17	C-LE 08 L 1/8 NPT X	3.6			
			8	1/4-18 NPT	6.0	6.0	21	14.0	26	29	12	17	C-LE 08 L 1/4 NPT X	3.8			
			10	1/4-18 NPT	8.0	7.0	22	15.0	27	30	14	19	C-LE 10 L 1/4 NPT X	4.6			
			10	3/8-18 NPT	8.0	8.0	24	17.0	28	32	17	19	C-LE 10 L 3/8 NPT X	6.8			
			12	1/4-18 NPT	10.0	7.0	24	17.0	28	32	17	22	C-LE 12 L 1/4 NPT X	6.0			
			12	3/8-18 NPT	10.0	8.0	24	17.0	28	32	17	22	C-LE 12 L 3/8 NPT X	6.6			
			12	1/2-14 NPT	10.0	11.0	28	21.0	34	36	19	22	C-LE 12 L 1/2 NPT X	11.6			
			15	1/2-14 NPT	12.0	11.0	28	21.0	34	36	19	27	C-LE 15 L 1/2 NPT X	11.8			
			18	1/2-14 NPT	15.0	12.0	31	23.5	36	40	24	32	C-LE 18 L 1/2 NPT X	15.9			
			22	3/4-14 NPT	19.0	16.0	35	27.5	42	44	27	36	C-LE 22 L 3/4 NPT X	22.3			
			28	1-11 1/2 NPT	24.0	21.0	38	30.5	48	47	36	41	C-LE 28 L 1 NPT X	37.2			
			35	1 1/4-11 1/2 NPT	30.0	28.0	45	34.5	54	56	41	50	C-LE 35 L 1 1/4 NPT X	56.1			
			42	1 1/2-11 1/2 NPT	36.0	34.0	51	40.0	61	63	50	60	C-LE 42 L 1 1/2 NPT X	81.7			
			S	630	630	6	1/4-18 NPT	4.0	4.0	23	16.0	26	31	12	17	C-LE 06 S 1/4 NPT X	5.1
						8	1/4-18 NPT	5.0	5.0	24	17.0	27	32	14	19	C-LE 08 S 1/4 NPT X	6.5
8	3/8-18 NPT	5.0				8.0	25	18.0	28	33	17	19	C-LE 08 S 3/8 NPT X	8.2			
8	1/2-14 NPT	5.0				10.0	30	23.0	34	38	19	19	C-LE 08 S 1/2 NPT X	14.3			
10	1/4-18 NPT	7.0				5.0	25	17.5	28	34	17	22	C-LE 10 S 1/4 NPT X	8.1			
10	3/8-18 NPT	7.0				7.0	25	17.5	28	34	17	22	C-LE 10 S 3/8 NPT X	8.4			
12	1/4-18 NPT	8.0				5.0	29	21.5	29	38	17	24	C-LE 12 S 1/4 NPT X	10.6			
12	3/8-18 NPT	8.0				8.0	29	21.5	28	38	17	24	C-LE 12 S 3/8 NPT X	10.7			
12	1/2-14 NPT	8.0				10.0	30	22.5	34	39	19	24	C-LE 12 S 1/2 NPT X	14.3			
14	1/2-14 NPT	10.0				10.0	30	22.0	34	40	19	27	C-LE 14 S 1/2 NPT X	14.2			
16	1/2-14 NPT	12.0				12.0	33	24.5	36	43	24	30	C-LE 16 S 1/2 NPT X	18.3			
20	3/4-14 NPT	16.0				16.0	37	26.5	42	48	27	36	C-LE 20 S 3/4 NPT X	26.9			
400	400	25	1-11 1/2 NPT	20.0	20.0	42	30.0	48	54	36	46	C-LE 25 S 1 NPT X	47.9				
		30	1 1/4-11 1/2 NPT	25.0	25.0	49	35.5	54	62	41	50	C-LE 30 S 1 1/4 NPT X	75.2				
		250	315	38	1 1/2-11 1/2 NPT	32.0	32.0	57	41.0	61	72	50	60	C-LE 38 S 1 1/2 NPT X	110.3		

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

ADJUSTABLE MALE STUDS OVERVIEW

Banjo Fittings

With Swivel

With Shaft

**Adjustable Elbow-Fitting
with Cone**
24° Cone End /
24° Tube Connection

**Adjustable Elbow-Fitting
with Shaft**
Male Stud Connector - Captive seal /
24° Tube Connection

**Adjustable Elbow-Fitting
with Shaft**
24° Shaft connector - Preassembled Shaft /
24° Tube Connection

**Adjustable Elbow-Fitting with
Shaft**
Male stud connector with sealing
edge / 24° Tube Connection

**Adjustable T-Fitting
with Cone**
24° Cone End /
24° Tube Connection

**Adjustable T-Fitting
with Cone**
Male Stud Connector - Captive seal /
24° Tube Connection

**Adjustable T-Fitting
with Shaft**
24° Shaft connector - Preassembled Shaft /
24° Tube Connection

**Adjustable T-Fitting
with Shaft**
Male stud connector with sealing
edge /
24° Tube Connection

**Adjustable Shaft-Run T-Fitting
with Cone**
24° Cone End /
24° Tube Connection

**Adjustable T-Fitting
with Cone**
Male Stud Connector - Captive seal /
24° Tube Connection

**Adjustable Stud-Run T-Fitting
with Shaft**
24° Shaft connector - Preassembled
Shaft
24° Tube Connection

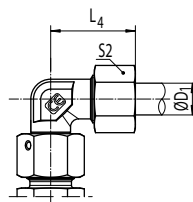
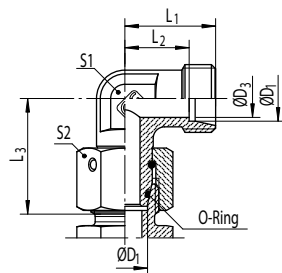
**Adjustable Stud-Run T-Fitting
with Shaft**
Male stud connector with sealing
edge / 24° Tube Connection

C-EW Adjustable Elbow-Fitting with Cone

24° Swivel (DIN EN ISO 8434-1) /
24° Tube Connection (DIN EN ISO 8434-1)



C-EW-R-WD



Series	PN [bar]		ØD ₁ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg/100
	C	CF										
L	315	500	6	4	19	12.0	26.0	27	12	14	C-EW 06 L OMD	2.9
			8	6	21	14.0	27.5	29	12	17	C-EW 08 L OMD	4.1
			10	8	22	15.0	29.0	30	14	19	C-EW 10 L OMD	5.3
	315	400	12	10	24	17.0	29.5	32	17	22	C-EW 12 L OMD	7.1
			15	12	28	21.0	32.5	36	19	27	C-EW 15 L OMD	12.8
			18	15	31	23.5	35.5	40	24	32	C-EW 18 L OMD	17.2
	160	250	22	19	35	27.5	38.5	44	27	36	C-EW 22 L OMD	23.4
			28	24	38	30.5	41.5	47	36	41	C-EW 28 L OMD	33.4
			35	30	45	34.5	51.0	56	41	50	C-EW 35 L OMD	51.7
			42	36	51	40.0	56.0	63	50	60	C-EW 42 L OMD	78.3
S	630	800	6	4	23	16.0	27.0	31	12	17	C-EW 06 S OMD	4.6
			8	5	24	17.0	27.5	32	14	19	C-EW 08 S OMD	6.1
			10	7	25	17.5	30.0	34	17	22	C-EW 10 S OMD	8.1
	630	630	12	8	29	21.5	31.0	38	17	24	C-EW 12 S OMD	10.4
			14	10	30	22.0	35.0	40	19	27	C-EW 14 S OMD	14.6
	400	630	16	12	33	24.5	36.5	43	24	30	C-EW 16 S OMD	18.9
			20	16	37	26.5	44.5	48	27	36	C-EW 20 S OMD	29.0
	400	400	25	20	42	30.0	50.0	54	36	46	C-EW 25 S OMD	53.6
			30	25	49	35.5	55.0	62	41	50	C-EW 30 S OMD	70.5
250	400	38	32	57	41.0	63.0	72	50	60	C-EW 38 S OMD	107.4	

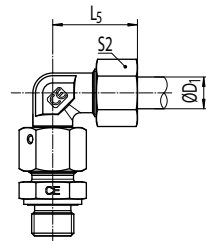
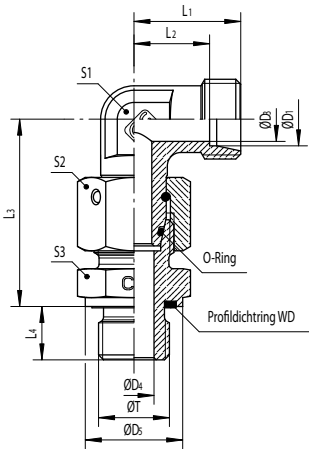
*Replace the character "C" with "CF" when you require steel!
C = Stainless Steel, 1.4571 (Seal FKM) CF = Galvanized Steel Cr(VI)-free (Seal NBR)

C-EW-R-WD

Adjustable Elbow-Fitting with Shaft*

Male BSPP Thread with Captive seal (ISO 1179, Type E) /
24° Tube Connection (DIN EN ISO 8434-1)

C-EW-M-WD



Series	PN [bar]		ØD1 [mm]	T	ØD3 [mm]	ØD4 [mm]	ØD5 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code *	kg/100
	C	CF															
L	315	500	6	G1/8A	4	4	14	19	12.0	34.5	8	27	12	14	14	C-EW 06 LR WD OMD	4.3
			8	G1/4A	6	6	19	21	14.0	37.5	12	29	12	17	19	C-EW 08 LR WD OMD	6.6
			10	G1/4A	8	6	19	22	15.0	40.0	12	30	14	19	19	C-EW 10 LR WD OMD	8.3
	315	400	12	G3/8A	10	9	22	24	17.0	42.0	12	32	17	22	22	C-EW 12 LR WD OMD	11.2
			15	G1/2A	12	11	27	28	21.0	46.5	14	36	19	27	27	C-EW 15 LR WD OMD	19.9
			18	G1/2A	15	14	27	31	23.5	50.0	14	40	24	32	27	C-EW 18 LR WD OMD	24.2
	160	250	22	G3/4A	19	18	32	35	27.5	55.0	16	44	27	36	32	C-EW 22 LR WD OMD	33.8
			28	G1A	24	23	40	38	30.5	59.0	18	47	36	41	41	C-EW 28 LR WD OMD	49.9
			35	G1 1/4A	30	30	50	45	34.5	68.5	20	56	41	50	50	C-EW 35 LR WD OMD	79.2
			42	G1 1/2A	36	36	55	51	40.0	75.0	22	63	50	60	55	C-EW 42 LR WD OMD	112.8
S	630	800	6	G1/4A	4	4	19	23	16.0	40.0	12	31	12	17	19	C-EW 06 SR WD OMD	8.1
			8	G1/4A	5	5	19	24	17.0	42.5	12	32	14	19	19	C-EW 08 SR WD OMD	10.1
			10	G3/8A	7	7	22	25	17.5	45.0	12	34	17	22	22	C-EW 10 SR WD OMD	13.6
	630	630	12	G3/8A	8	8	22	29	21.5	48.0	12	38	17	24	22	C-EW 12 SR WD OMD	16.6
			14	G1/2A	10	10	27	30	22.0	54.0	14	40	19	27	27	C-EW 14 SR WD OMD	24.4
	400	630	16	G1/2A	12	12	27	33	24.5	55.0	14	43	24	30	27	C-EW 16 SR WD OMD	28.2
			20	G3/4A	16	16	32	37	26.5	65.0	16	48	27	36	32	C-EW 20 SR WD OMD	44.0
	400	400	25	G1A	20	20	40	42	30.0	73.0	18	54	36	46	41	C-EW 25 SR WD OMD	80.6
			30	G1 1/4A	25	25	50	49	35.5	78.5	20	62	41	50	50	C-EW 30 SR WD OMD	112.5
250	400	38	G1 1/2A	32	32	55	57	41.0	89.0	22	72	50	60	55	C-EW 38 SR WD OMD	163.9	

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

* Preassembled with male stud connector, see installation guide for final assembly

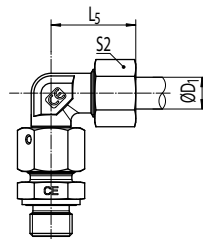
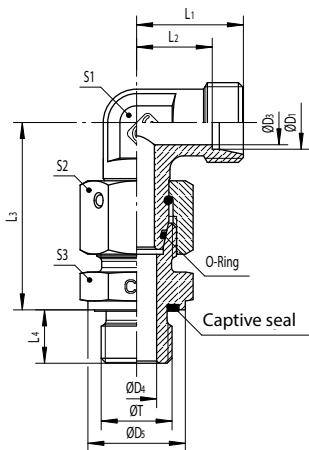
C-EW-M-WD

Adjustable Elbow-Fitting with Shaft*

Metric Male Stud Connector with Captive seal (ISO 9974, Type E) /
24° Tube Connection (DIN EN ISO 8434-1)



C-ET



Se- ries	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code *	kg/ 100
	C	CF															
L	315	500	6	M10x1	4	4	14	19	12.0	34.5	8	27	12	14	14	C-EW 06 LM WD OMD	4.3
			8	M12x1.5	6	6	17	21	14.0	37.5	12	29	12	17	17	C-EW 08 LM WD OMD	6.3
			10	M14x1.5	8	7	19	22	15.0	40.0	12	30	14	19	19	C-EW 10 LM WD OMD	8.2
	315	400	12	M16x1.5	10	9	22	24	17.0	42.0	12	32	17	22	22	C-EW 12 LM WD OMD	11.1
			15	M18x1.5	12	11	24	28	21.0	46.0	12	36	19	27	24	C-EW 15 LM WD OMD	17.9
			18	M22x1.5	15	14	27	31	23.5	50.0	14	40	24	32	27	C-EW 18 LM WD OMD	24.7
	160	250	22	M26x1.5	19	18	32	35	27.5	55.0	16	44	27	36	32	C-EW 22 LM WD OMD	33.7
			28	M33x2	24	23	40	38	30.5	59.0	18	47	36	41	41	C-EW 28 LM WD OMD	50.0
			35	M42x2	30	30	50	45	34.5	68.5	20	56	41	50	50	C-EW 35 LM WD OMD	79.2
42			M48x2	36	36	55	51	40.0	75.0	22	63	50	60	55	C-EW 42 LM WD OMD	113.4	
S	630	800	6	M12x1.5	4	4	17	23	16.0	40.0	12	31	12	17	17	C-EW 06 SM WD OMD	7.6
			8	M14x1.5	5	5	19	24	17.0	42.5	12	32	14	19	19	C-EW 08 SM WD OMD	10.3
			10	M16x1.5	7	7	22	25	17.5	45.0	12	34	17	22	22	C-EW 10 SM WD OMD	13.6
	630	630	12	M18x1.5	8	8	24	29	21.5	48.0	12	38	17	24	24	C-EW 12 SM WD OMD	17.6
			14	M20x1.5	10	10	26	30	22.0	54.0	14	40	19	27	27	C-EW 14 SM WD OMD	24.1
	400	630	16	M22x1.5	12	12	27	33	24.5	55.0	14	43	24	30	27	C-EW 16 SM WD OMD	28.5
			20	M27x2	16	16	32	37	26.5	65.0	16	48	27	36	32	C-EW 20 SM WD OMD	44.5
	400	400	25	M33x2	20	20	40	42	30.0	73.0	18	54	36	46	41	C-EW 25 SM WD OMD	80.2
			30	M42x2	25	25	50	49	35.5	78.5	20	62	41	50	50	C-EW 30 SM WD OMD	113.0
	250	400	38	M48x2	32	32	55	57	41.0	89.0	22	72	50	60	55	C-EW 38 SM WD OMD	165.4

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

* Preassembled with male stud connector, see installation guide for final assembly

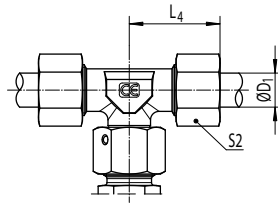
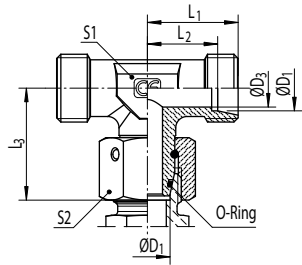


C-ET Adjustable T-Fitting with Cone

24° Swivel (DIN EN ISO 8434-1) /
24° Tube Connection (DIN EN ISO 8434-1)



C-ET-R-WD



Series	PN [bar]		ØD ₁ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100
	C	CF										
L	315	500	6	4	19	12.0	26.0	27	12	14	C-ET 06 L OMD	3.7
			8	6	21	14.0	27.5	29	12	17	C-ET 08 L OMD	4.6
			10	8	22	15.0	29.0	30	14	19	C-ET 10 L OMD	6.2
	315	400	12	10	24	17.0	29.5	32	17	22	C-ET 12 L OMD	8.3
			15	12	28	21.0	32.5	36	19	27	C-ET 15 L OMD	15.2
			18	15	31	23.5	35.5	40	24	32	C-ET 18 L OMD	20.6
	160	250	22	19	35	27.5	38.5	44	27	36	C-ET 22 L OMD	27.3
			28	24	38	30.5	41.5	47	36	41	C-ET 28 L OMD	39.7
			35	30	45	34.5	51.0	56	41	50	C-ET 35 L OMD	61.1
			42	36	51	40.0	56.0	63	50	60	C-ET 42 L OMD	93.4
S	630	800	6	4	23	16.0	27.0	31	12	17	C-ET 06 S OMD	5.9
			8	5	24	17.0	27.5	32	14	19	C-ET 08 S OMD	7.9
			10	7	25	17.5	30.0	34	17	22	C-ET 10 S OMD	10.2
	630	630	12	8	29	21.5	31.0	38	17	24	C-ET 12 S OMD	13.5
			14	10	30	22.0	35.0	40	19	27	C-ET 14 S OMD	18.0
	400	630	16	12	33	24.5	36.5	43	24	30	C-ET 16 S OMD	23.3
			20	16	37	26.5	44.5	48	27	36	C-ET 20 S OMD	35.1
	400	400	25	20	42	30.0	50.0	54	36	46	C-ET 25 S OMD	64.5
			30	25	49	35.5	55.0	62	41	50	C-ET 30 S OMD	87.0
	250	400	38	32	57	41.0	63.0	72	50	60	C-ET 38 S OMD	132.4

*Replace the character "C" with "CF" when you require steel!
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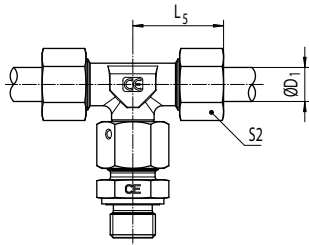
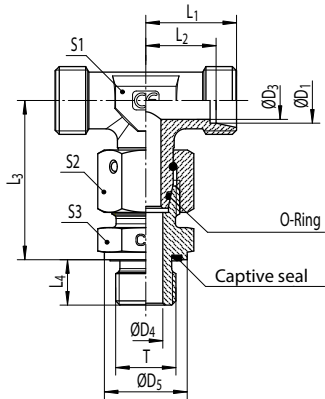
C-ET-R-WD

Adjustable T-Fitting with Cone*

Male BSPP Thread with Captive seal (ISO 1179, Type E) /
24° Tube Connection (DIN EN ISO 8434-1)



C-ET-M-WD



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code *	kg/100
	C	CF															
L	315	500	6	G1/8A	4	4	14	19	12.0	34.5	8	27	12	14	14	C-ET 06 LR WD OMD	5.1
			8	G1/4A	6	6	19	21	14.0	37.5	12	29	12	17	19	C-ET 08 LR WD OMD	7.1
			10	G1/4A	8	6	19	22	15.0	40.0	12	30	14	19	19	C-ET 10 LR WD OMD	9.2
	315	400	12	G3/8A	10	9	22	24	17.0	42.0	12	32	17	22	22	C-ET 12 LR WD OMD	12.4
			15	G1/2A	12	11	27	28	21.0	46.5	14	36	19	27	27	C-ET 15 LR WD OMD	22.3
			18	G1/2A	15	14	27	31	23.5	50.0	14	40	24	32	27	C-ET 18 LR WD OMD	27.6
	160	250	22	G3/4A	19	18	32	35	27.5	55.0	16	44	27	36	32	C-ET 22 LR WD OMD	37.7
			28	G1A	24	23	40	38	30.5	59.0	18	47	36	41	41	C-ET 28 LR WD OMD	56.2
			35	G1 1/4A	30	30	50	45	34.5	68.5	20	56	41	50	50	C-ET 35 LR WD OMD	88.6
S	630	800	42	G1 1/2A	36	36	55	51	40.0	75.0	22	63	50	60	55	C-ET 42 LR WD OMD	127.9
			6	G1/4A	4	4	19	23	16.0	40.0	12	31	12	17	19	C-ET 06 SR WD OMD	9.4
			8	G1/4A	5	5	19	24	17.0	42.5	12	32	14	19	19	C-ET 08 SR WD OMD	11.9
	630	630	10	G3/8A	7	7	22	25	17.5	45.0	12	34	17	22	22	C-ET 10 SR WD OMD	15.7
			12	G3/8A	8	8	22	29	21.5	48.0	12	38	17	24	22	C-ET 12 SR WD OMD	19.7
	400	630	14	G1/2A	10	10	27	30	22.0	54.0	14	40	19	27	27	C-ET 14 SR WD OMD	27.8
			16	G1/2A	12	12	27	33	24.5	55.0	14	43	24	30	27	C-ET 16 SR WD OMD	32.6
	400	400	20	G3/4A	16	16	32	37	26.5	65.0	16	48	27	36	32	C-ET 20 SR WD OMD	50.1
			25	G1A	20	20	40	42	30.0	73.0	18	54	36	46	41	C-ET 25 SR WD OMD	91.5
250	400	30	G1 1/4A	25	25	50	49	35.5	78.5	20	62	41	50	50	C-ET 30 SR WD OMD	129.0	
		38	G1 1/2A	32	32	55	57	41.0	89.0	22	72	50	60	55	C-ET 38 SR WD OMD	188.9	

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

* Preassembled with male stud connector, see installation guide for final assembly

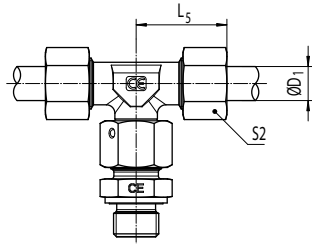
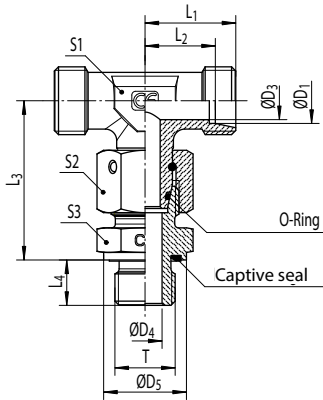
C-ET-M-WD

Adjustable T-Fitting with Cone*

Metric Male Stud Connector with Captive seal (ISO 9974, Type E) /
24° Tube Connection (DIN EN ISO 8434-1)



C-EL



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code *	kg/100
	C	CF															
L	315	500	6	M10x1	4	4	14	19	12.0	34.5	8	27	12	14	14	C-ET 06 LM WD OMD	5.1
			8	M12x1.5	6	6	17	21	14.0	37.5	12	29	12	17	17	C-ET 08 LM WD OMD	6.8
			10	M14x1.5	8	7	19	22	15.0	40.0	12	30	14	19	19	C-ET 10 LM WD OMD	9.1
	315	400	12	M16x1.5	10	9	22	24	17.0	42.0	12	32	17	22	22	C-ET 12 LM WD OMD	12.3
			15	M18x1.5	12	11	24	28	21.0	46.0	12	36	19	27	24	C-ET 15 LM WD OMD	20.3
			18	M22x1.5	15	14	27	31	23.5	50.0	14	40	24	32	27	C-ET 18 LM WD OMD	28.1
	160	250	22	M26x1.5	19	18	32	35	27.5	55.0	16	44	27	36	32	C-ET 22 LM WD OMD	37.6
			28	M33x2	24	23	40	38	30.5	59.0	18	47	36	41	41	C-ET 28 LM WD OMD	56.3
			35	M42x2	30	30	50	45	34.5	68.5	20	56	41	50	50	C-ET 35 LM WD OMD	88.6
42			M48x2	36	36	55	51	40.0	75.0	22	63	50	60	55	C-ET 42 LM WD OMD	128.5	
S	630	800	6	M12x1.5	4	4	17	23	16.0	40.0	12	31	12	17	17	C-ET 06 SM WD OMD	8.9
			8	M14x1.5	5	5	19	24	17.0	42.5	12	32	14	19	19	C-ET 08 SM WD OMD	12.1
			10	M16x1.5	7	7	22	25	17.5	45.0	12	34	17	22	22	C-ET 10 SM WD OMD	15.7
	630	630	12	M18x1.5	8	8	24	29	21.5	48.0	12	38	17	24	24	C-ET 12 SM WD OMD	20.7
			14	M20x1.5	10	10	26	30	22.0	54.0	14	40	19	27	27	C-ET 14 SM WD OMD	27.5
	400	630	16	M22x1.5	12	12	27	33	24.5	55.0	14	43	24	30	27	C-ET 16 SM WD OMD	32.9
			20	M27x2	16	16	32	37	26.5	65.0	16	48	27	36	32	C-ET 20 SM WD OMD	50.6
	400	400	25	M33x2	20	20	40	42	30.0	73.0	18	54	36	46	41	C-ET 25 SM WD OMD	91.1
			30	M42x2	25	25	50	49	35.5	78.5	20	62	41	50	50	C-ET 30 SM WD OMD	129.5
	250	400	38	M48x2	32	32	55	57	41.0	89.0	22	72	50	60	55	C-ET 38 SM WD OMD	190.4

*Replace the character "C" with "CF" when you require steel!

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

* Preassembled with male stud connector, see installation guide for final assembly

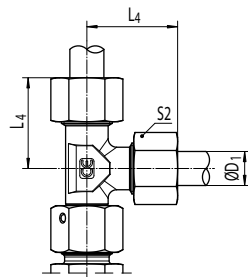
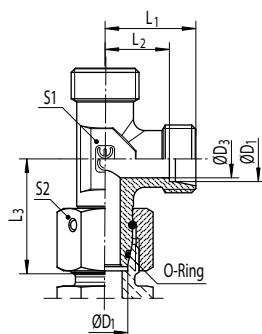


C-EL Adjustable Shaft-Run T-Fitting with Cone

24° Swivel (DIN EN ISO 8434-1) /
24° Tube Connection (DIN EN ISO 8434-1)



C-EL-M-WD



Series	PN [bar]		ØD ₁ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg/100
	C	CF										
L	315	500	6	4	19	12.0	26.0	27	12	14	C-EL 06 L OMD	3.7
			8	6	21	14.0	27.5	29	12	17	C-EL 08 L OMD	5.0
			10	8	22	15.0	29.0	30	14	19	C-EL 10 L OMD	6.4
	315	400	12	10	24	17.0	29.5	32	17	22	C-EL 12 L OMD	8.2
			15	12	28	21.0	32.5	36	19	27	C-EL 15 L OMD	15.1
			18	15	31	23.5	35.5	40	24	32	C-EL 18 L OMD	20.5
	160	250	22	19	35	27.5	38.5	44	27	36	C-EL 22 L OMD	27.0
			28	24	38	30.5	41.5	47	36	41	C-EL 28 L OMD	39.6
			35	30	45	34.5	51.0	56	41	50	C-EL 35 L OMD	60.4
			42	36	51	40.0	56.0	63	50	60	C-EL 42 L OMD	89.1
S	630	800	6	4	23	16.0	27.0	31	12	17	C-EL 06 S OMD	5.9
			8	5	24	17.0	27.5	32	14	19	C-EL 08 S OMD	7.7
			10	7	25	17.5	30.0	34	17	22	C-EL 10 S OMD	10.3
	630	630	12	8	29	21.5	31.0	38	17	24	C-EL 12 S OMD	13.4
			14	10	30	22.0	35.0	40	19	27	C-EL 14 S OMD	17.7
	400	630	16	12	33	24.5	36.5	43	24	30	C-EL 16 S OMD	23.3
			20	16	37	26.5	44.5	48	27	36	C-EL 20 S OMD	35.1
	400	400	25	20	42	30.0	50.0	54	36	46	C-EL 25 S OMD	63.3
			30	25	49	35.5	55.0	62	41	50	C-EL 30 S OMD	85.6
250	400	38	32	57	41.0	63.0	72	50	60	C-EL 38 S OMD	132.7	

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

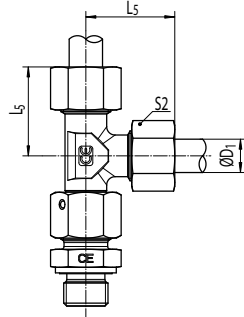
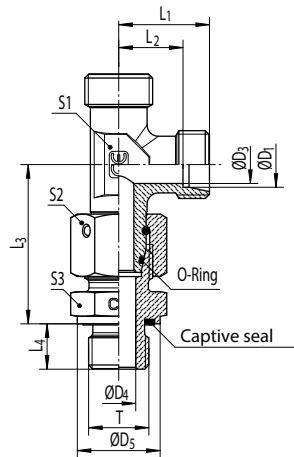


C-EL-M-WD

Adjustable Stud Run T-Fitting with Cone*
Metric Male Stud Connector with Captive seal (ISO 9974, Type E) /
24° Tube Connection (DIN EN ISO 8434-1)



C-EL-R-WD



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code *	kg/100
	C	CF															
L	315	500	6	M10x1	4	4	14	19	12.0	34.5	8	27	12	14	14	C-EL 06 LM WD OMD	5.1
			8	M12x1.5	6	6	17	21	14.0	37.5	12	29	12	17	17	C-EL 08 LM WD OMD	7.2
			10	M14x1.5	8	7	19	22	15.0	40.0	12	30	14	19	19	C-EL 10 LM WD OMD	9.3
	315	400	12	M16x1.5	10	9	22	24	17.0	42.0	12	32	17	22	22	C-EL 12 LM WD OMD	12.2
			15	M18x1.5	12	11	24	28	21.0	46.0	12	36	19	27	24	C-EL 15 LM WD OMD	20.2
			18	M22x1.5	15	14	27	31	23.5	50.0	14	40	24	32	27	C-EL 18 LM WD OMD	28.0
	160	250	22	M26x1.5	19	18	32	35	27.5	55.0	16	44	27	36	32	C-EL 22 LM WD OMD	37.3
			28	M33x2	24	23	40	38	30.5	59.0	18	47	36	41	41	C-EL 28 LM WD OMD	56.2
			35	M42x2	30	30	50	45	34.5	68.5	20	56	41	50	50	C-EL 35 LM WD OMD	87.9
S	630	800	42	M48x2	36	36	55	51	40.0	75.0	22	63	50	60	55	C-EL 42 LM WD OMD	124.2
			6	M12x1.5	4	4	17	23	16.0	40.0	12	31	12	17	17	C-EL 06 SM WD OMD	8.9
			8	M14x1.5	5	5	19	24	17.0	42.5	12	32	14	19	19	C-EL 08 SM WD OMD	11.9
	630	630	10	M16x1.5	7	7	22	25	17.5	45.0	12	34	17	22	22	C-EL 10 SM WD OMD	15.8
			12	M18x1.5	8	8	24	29	21.5	48.0	12	38	17	24	24	C-EL 12 SM WD OMD	20.6
	400	630	14	M20x1.5	10	10	26	30	22.0	54.0	14	40	19	27	27	C-EL 14 SM WD OMD	27.2
			16	M22x1.5	12	12	27	33	24.5	55.0	14	43	24	30	27	C-EL 16 SM WD OMD	32.9
			20	M27x2	16	16	32	37	26.5	65.0	16	48	27	36	32	C-EL 20 SM WD OMD	50.6
	400	400	25	M33x2	20	20	40	42	30.0	73.0	18	54	36	46	41	C-EL 25 SM WD OMD	89.9
30			M42x2	25	25	50	49	35.5	78.5	20	62	41	50	50	C-EL 30 SM WD OMD	128.1	
250	400	38	M48x2	32	32	55	57	41.0	89.0	22	72	50	60	55	C-EL 38 SM WD OMD	190.7	

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

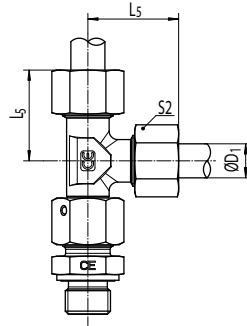
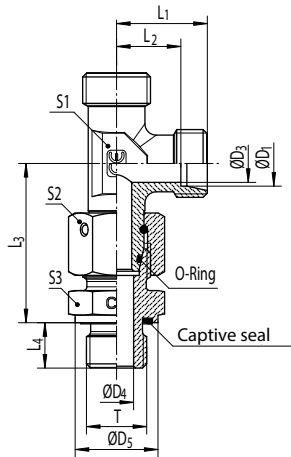
* Preassembled with male stud connector, see installation guide for final assembly

C-EL-R-WD

Adjustable Stud Run T-Fitting with Cone*

Male BSPP Thread with Captive seal (ISO 1179, Type E) /
24° Tube Connection (DIN EN ISO 8434-1)

C-EVW



Se- ries	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code *	kg/ 100	
	C	CF																
L	315	500	6	G1/8A	4	4	14	19	12.0	34.5	8	27	12	14	14	C-EL 06 LRWD OMD	5.1	
			8	G1/4A	6	6	19	21	14.0	37.5	12	29	12	17	19	C-EL 08 LRWD OMD	7.5	
			10	G1/4A	8	6	19	22	15.0	40.0	12	30	14	19	19	C-EL 10 LRWD OMD	9.4	
	315	400	12	G3/8A	10	9	22	24	17.0	42.0	12	32	17	22	22	C-EL 12 LRWD OMD	12.3	
			15	G1/2A	12	11	27	28	21.0	46.5	14	36	19	27	27	C-EL 15 LRWD OMD	22.2	
			18	G1/2A	15	14	27	31	23.5	50.0	14	40	24	32	27	C-EL 18 LRWD OMD	27.5	
	160	250	22	G3/4A	19	18	32	35	27.5	55.0	16	44	27	36	32	C-EL 22 LRWD OMD	37.4	
			28	G1A	24	23	40	38	30.5	59.0	18	47	36	41	41	C-EL 28 LRWD OMD	56.1	
			35	G1 1/4A	30	30	50	45	34.5	68.5	20	56	41	50	50	C-EL 35 LRWD OMD	87.9	
160	250	42	G1 1/2A	36	36	55	51	40.0	75.0	22	63	50	60	55	C-EL 42 LRWD OMD	123.6		
		630	800	6	G1/4A	4	4	19	23	16.0	40.0	12	31	12	17	19	C-EL 06 SRWD OMD	9.4
				8	G1/4A	5	5	19	24	17.0	42.5	12	32	14	19	19	C-EL 08 SRWD OMD	11.7
10	G3/8A			7	7	22	25	17.5	45.0	12	34	17	22	22	C-EL 10 SRWD OMD	15.8		
630	630	12	G3/8A	8	8	22	29	21.5	48.0	12	38	17	24	22	C-EL 12 SRWD OMD	19.6		
		14	G1/2A	10	10	27	30	22.0	54.0	14	40	19	27	27	C-EL 14 SRWD OMD	27.5		
		16	G1/2A	12	12	27	33	24.5	55.0	14	43	24	30	27	C-EL 16 SRWD OMD	32.6		
400	630	20	G3/4A	16	16	32	37	26.5	65.0	16	48	27	36	32	C-EL 20 SRWD OMD	50.1		
		25	G1A	20	20	40	42	30.0	73.0	18	54	36	46	41	C-EL 25 SRWD OMD	90.3		
		30	G1 1/4A	25	25	50	49	35.5	78.5	20	62	41	50	50	C-EL 30 SRWD OMD	127.6		
400	400	38	G1 1/2A	32	32	55	57	41.0	89.0	22	72	50	60	55	C-EL 38 SRWD OMD	189.2		

*Replace the character "C" with "CF" when you require steel!

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

* Preassembled with male stud connector, see installation guide for final assembly

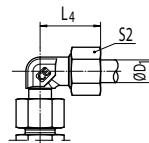
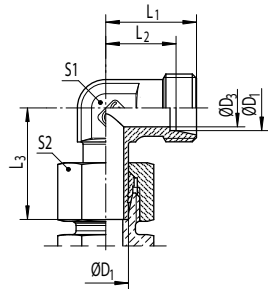


C-EVW Adjustable Elbow-Fitting with Shaft

24° Shaft connector - Preassembled Shaft /
24° Tube Connection (DIN EN ISO 8434-1)



C-EVW-R



Series	PN [bar]		ØD ₁ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg/100
	C	CF										
L	315	315	6	4	19	12.0	26.0	27	12	14	C-EVW 06 L OMD	2.9
			8	6	21	14.0	27.5	29	12	17	C-EVW 08 L OMD	3.8
			10	8	22	15.0	29.0	30	14	19	C-EVW 10 L OMD	4.8
			12	10	24	17.0	29.5	32	17	22	C-EVW 12 L OMD	6.5
			15	12	28	21.0	32.5	36	19	27	C-EVW 15 L OMD	11.3
			18	15	31	23.5	35.5	40	24	32	C-EVW 18 L OMD	16.2
	160	160	22	19	35	27.5	38.5	44	27	36	C-EVW 22 L OMD	22.3
			28	24	38	30.5	43.5	47	36	41	C-EVW 28 L OMD	33.0
			35	30	45	34.5	51.0	56	41	50	C-EVW 35 L OMD	50.9
			42	36	51	40.0	56.0	63	50	60	C-EVW 42 L OMD	78.3
S	630	630	6	4	23	16.0	27.0	31	12	17	C-EVW 06 S OMD	4.4
			8	5	24	17.0	28.0	32	14	19	C-EVW 08 S OMD	6.0
			10	7	25	17.5	31.0	34	17	22	C-EVW 10 S OMD	8.1
			12	8	29	21.5	33.0	38	17	24	C-EVW 12 S OMD	10.5
	400	400	14	10	30	22.0	35.0	40	19	27	C-EVW 14 S OMD	14.1
			16	12	33	24.5	37.5	43	24	30	C-EVW 16 S OMD	18.6
			20	16	37	26.5	44.5	48	27	36	C-EVW 20 S OMD	28.1
			25	20	42	30.0	50.0	54	36	46	C-EVW 25 S OMD	53.9
			30	25	49	35.5	55.0	62	41	50	C-EVW 30 S OMD	72.9
	250	315	38	32	57	41.0	63.0	72	50	60	C-EVW 38 S OMD	112.7

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



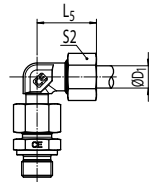
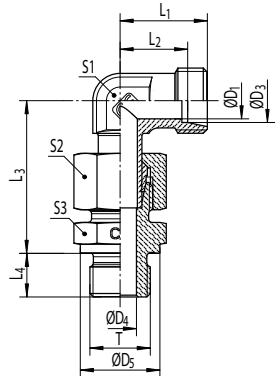
C-EVW-R

Adjustable Elbow-Fitting with Shaft*

Male BSPP Stud Connector with Sealing Edge (ISO 1179, Type B) /
24° Tube Connection (DIN EN ISO 8434-1)



C-EVW-M



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	S ₁ [mm]	S ₂ [mm]	S ₃ [mm]	Ordering Code *	kg/100
	C	CF															
L	315	315	6	G1/8A	4	4	14	19	12.0	34.5	8	27	12	14	14	C-EVW 06 LR OMD	4.3
			8	G1/4A	6	6	18	21	14.0	37.5	12	29	12	17	19	C-EVW 08 LR OMD	6.3
			10	G1/4A	8	6	18	22	15.0	40.0	12	30	14	19	19	C-EVW 10 LR OMD	7.8
			12	G3/8A	10	9	22	24	17.0	42.0	12	32	17	22	22	C-EVW 12 LR OMD	10.6
	250	250	15	G1/2A	12	11	26	28	21.0	46.5	14	36	19	27	27	C-EVW 15 LR OMD	18.4
			18	G1/2A	15	14	26	31	23.5	50.0	14	40	24	32	27	C-EVW 18 LR OMD	23.2
			22	G3/4A	19	18	32	35	27.5	55.0	16	44	27	36	32	C-EVW 22 LR OMD	32.7
	160	160	28	G1A	24	23	39	38	30.5	61.0	18	47	36	41	41	C-EVW 28 LR OMD	49.5
			35	G1 1/4A	30	30	49	45	34.5	68.5	20	56	41	50	50	C-EVW 35 LR OMD	78.4
42			G1 1/2A	36	36	55	51	40.0	75.0	22	63	50	60	55	C-EVW 42 LR OMD	112.8	
S	400	400	6	G1/4A	4	4	18	23	16.0	40.0	12	31	12	17	19	C-EVW 06 SR OMD	7.9
			8	G1/4A	5	5	18	24	17.0	43.0	12	32	14	19	19	C-EVW 08 SR OMD	10.0
			10	G3/8A	7	7	22	25	17.5	46.0	12	34	17	22	22	C-EVW 10 SR OMD	13.6
			12	G3/8A	8	8	22	29	21.5	50.0	12	38	17	24	22	C-EVW 12 SR OMD	16.7
			14	G1/2A	10	10	26	30	22.0	54.0	14	40	19	27	27	C-EVW 14 SR OMD	23.9
			16	G1/2A	12	12	26	33	24.5	56.0	14	43	24	30	27	C-EVW 16 SR OMD	27.9
	250	250	20	G3/4A	16	16	32	37	26.5	65.0	16	48	27	36	32	C-EVW 20 SR OMD	43.1
			25	G1A	20	20	39	42	30.0	73.0	18	54	36	46	41	C-EVW 25 SR OMD	80.9
	160	160	30	G1 1/4A	25	25	49	49	35.5	78.5	20	62	41	50	50	C-EVW 30 SR OMD	114.9
			38	G1 1/2A	32	32	55	57	41.0	89.0	22	72	50	60	55	C-EVW 38 SR OMD	169.2

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

* Preassembled with male stud connector, see installation guide for final assembly

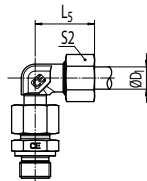
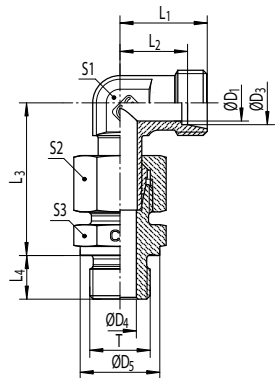
C-EVW-M

Adjustable Elbow-Fitting with Shaft*

Metric Male Stud Connector with Sealing Edge (ISO 9974, Type B) /
24° Tube Connection (DIN EN ISO 8434-1)



C-EVT



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	S ₁ [mm]	S ₂ [mm]	S ₃ [mm]	Ordering Code *	kg/100
	C	CF															
L	315	315	6	M10x1	4	4	14	19	12.0	34.5	8	27	12	14	14	C-EVW 06 LM OMD	4.3
			8	M12X1.5	6	6	17	21	14.0	37.5	12	29	12	17	17	C-EVW 08 LM OMD	6.1
			10	M14X1.5	8	7	19	22	15.0	40.0	12	30	14	19	19	C-EVW 10 LM OMD	7.7
			12	M16X1.5	10	9	21	24	17.0	42.0	12	32	17	22	22	C-EVW 12 LM OMD	10.5
	250	250	15	M18X1,5	12	11	23	28	21.0	46.0	12	36	19	27	24	C-EVW 15 LM OMD	16.5
			18	M22X1,5	15	14	27	31	23.5	50.0	14	40	24	32	27	C-EVW 18 LM OMD	23.8
			22	M26X1,5	19	18	31	35	27.5	55.0	16	44	27	36	32	C-EVW 22 LM OMD	32.4
	160	160	28	M33X2	24	23	39	38	30.5	61.0	18	47	36	41	41	C-EVW 28 LM OMD	49.8
			35	M42X2	30	30	49	45	34.5	68.5	20	56	41	50	50	C-EVW 35 LM OMD	79.1
42			M48X2	36	36	55	51	40.0	75.0	22	63	50	60	55	C-EVW 42 LM OMD	104.1	
S	400	400	6	M12X1.5	4	4	17	23	16.0	40.0	12	31	12	17	17	C-EVW 06 SM OMD	7.4
			8	M14X1.5	5	5	19	24	17.0	43.0	12	32	14	19	19	C-EVW 08 SM OMD	10.3
			10	M16X1.5	7	7	21	25	17.5	46.0	12	34	17	22	22	C-EVW 10 SM OMD	13.6
			12	M18X1,5	8	8	23	29	21.5	50.0	12	38	17	24	24	C-EVW 12 SM OMD	17.7
			14	M20X1.5	10	10	25	30	22.0	54.0	14	40	19	27	27	C-EVW 14 SM OMD	23.6
			16	M22X1,5	12	12	27	33	24.5	56.0	14	43	24	30	27	C-EVW 16 SM OMD	28.0
	250	250	20	M27X2	16	16	32	37	26.5	65.0	16	48	27	36	32	C-EVW 20 SM OMD	43.4
			25	M33X2	20	20	39	42	30.0	73.0	18	54	36	46	41	C-EVW 25 SM OMD	80.8
	160	160	30	M42X2	25	25	49	49	35.5	78.5	20	62	41	50	50	C-EVW 30 SM OMD	115.7
			38	M48X2	32	32	55	57	41.0	89.0	22	72	50	60	55	C-EVW 38 SM OMD	170.2

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

* Preassembled with male stud connector, see installation guide for final assembly

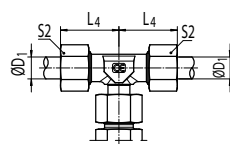
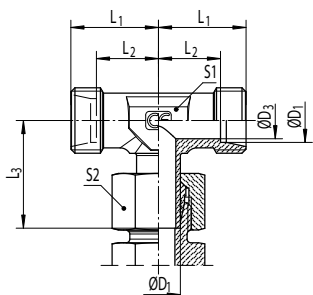


C-EVT Adjustable T-Fitting with Shaft*

24° Shaft connector - Preassembled Shaft /
24° Tube Connection (DIN EN ISO 8434-1)



C-EVT-R



Series	PN [bar]		ØD ₁ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg/100
	C	CF										
L	315	315	6	4	19	12.0	26.0	27	12	14	C-EVT 06 L OMD	3.6
			8	6	21	14.0	27.5	29	12	17	C-EVT 08 L OMD	4.8
			10	8	22	15.0	29.0	30	14	19	C-EVT 10 L OMD	6.0
			12	10	24	17.0	29.5	32	17	22	C-EVT 12 L OMD	7.8
			15	12	28	21.0	32.5	36	19	27	C-EVT 15 L OMD	13.7
	160	160	18	15	31	23.5	35.5	40	24	32	C-EVT 18 L OMD	20.1
			22	19	35	27.5	38.5	44	27	36	C-EVT 22 L OMD	26.7
			28	24	38	30.5	43.5	47	36	41	C-EVT 28 L OMD	39.1
			35	30	45	34.5	51.0	56	41	50	C-EVT 35 L OMD	61.4
			42	36	51	40.0	56.0	63	50	60	C-EVT 42 L OMD	91.4
S	630	630	6	4	23	16.0	27.0	31	12	17	C-EVT 06 S OMD	5.8
			8	5	24	17.0	28.0	32	14	19	C-EVT 08 S OMD	7.7
			10	7	25	17.5	31.0	34	17	22	C-EVT 10 S OMD	10.3
			12	8	29	21.5	33.0	38	17	24	C-EVT 12 S OMD	13.6
	400	400	14	10	30	22.0	35.0	40	19	27	C-EVT 14 S OMD	17.6
			16	12	33	24.5	37.5	43	24	30	C-EVT 16 S OMD	23.4
			20	16	37	26.5	44.5	48	27	36	C-EVT 20 S OMD	34.4
			25	20	42	30.0	50.0	54	36	46	C-EVT 25 S OMD	64.1
			30	25	49	35.5	55.0	62	41	50	C-EVT 30 S OMD	86.2
			38	32	57	41.0	63.0	72	50	60	C-EVT 38 S OMD	133.8

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

* Preassembled with male stud connector, see installation guide for final assembly

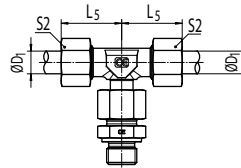
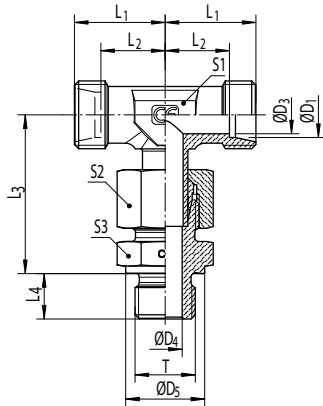


C-EVT-R Adjustable T-Fitting with Shaft*

Male BSPP Stud Connector with Sealing Edge (ISO 1179, Type B) /
24° Tube Connection (DIN EN ISO 8434-1)



C-EVT-M



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	S ₁ [mm]	S ₂ [mm]	S ₃ [mm]	Ordering Code *	kg/ 100	
	C	CF																
L	315	315	6	G1/8A	4	4	14	19	12.0	34.5	8	27	12	14	14	C-EVT 06 LR OMD	5.0	
			8	G1/4A	6	6	18	21	14.0	37.5	12	29	12	17	19	C-EVT 08 LR OMD	7.3	
			10	G1/4A	8	6	18	22	15.0	40.0	12	30	14	19	19	C-EVT 10 LR OMD	9.0	
			12	G3/8A	10	9	22	24	17.0	42.0	12	32	17	22	22	C-EVT 12 LR OMD	11.9	
	250	250	15	G1/2A	12	11	26	28	21.0	46.5	14	36	19	27	27	C-EVT 15 LR OMD	20.8	
			18	G1/2A	15	14	26	31	23.5	50.0	14	40	24	32	27	C-EVT 18 LR OMD	27.1	
	160	160	22	G3/4A	19	18	32	35	27.5	55.0	16	44	27	36	32	C-EVT 22 LR OMD	37.1	
			28	G1A	24	23	39	38	30.5	61.0	18	47	36	41	41	C-EVT 28 LR OMD	55.6	
			35	G1 1/4A	30	30	49	45	34.5	68.5	20	56	41	50	50	C-EVT 35 LR OMD	88.9	
			42	G1 1/2A	36	36	55	51	40.0	75.0	22	63	50	60	55	C-EVT 42 LR OMD	125.9	
S	400	400	6	G1/4A	4	4	18	23	16.0	40.0	12	31	12	17	19	C-EVT 06 SR OMD	9.3	
			8	G1/4A	5	5	18	24	17.0	43.0	12	32	14	19	19	C-EVT 08 SR OMD	11.7	
			10	G3/8A	7	7	22	25	17.5	46.0	12	34	17	22	22	C-EVT 10 SR OMD	15.8	
			12	G3/8A	8	8	22	29	21.5	50.0	12	38	17	24	22	C-EVT 12 SR OMD	19.8	
			14	G1/2A	10	10	26	30	22.0	54.0	14	40	19	27	27	C-EVT 14 SR OMD	27.4	
			16	G1/2A	12	12	26	33	24.5	56.0	14	43	24	30	27	C-EVT 16 SR OMD	32.7	
				20	G3/4A	16	16	32	37	26.5	65.0	16	48	27	36	32	C-EVT 20 SR OMD	49.4
	250	250	25	G1A	20	20	39	42	30.0	73.0	18	54	36	46	41	C-EVT 25 SR OMD	91.1	
	160	160	30	G1 1/4A	25	25	49	49	35.5	78.5	20	62	41	50	50	C-EVT 30 SR OMD	128.2	
			38	G1 1/2A	32	32	55	57	41.0	89.0	22	72	50	60	55	C-EVT 38 SR OMD	190.3	

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

* Preassembled with male stud connector, see installation guide for final assembly



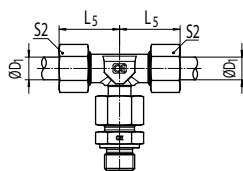
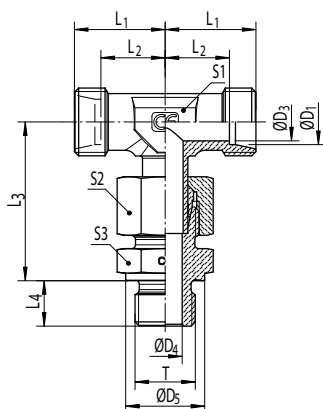
C-EVT-M

Adjustable T-Fitting with Shaft*

Metric Male Stud Connector with Sealing Edge (ISO 9974, Type B) /
24° Tube Connection (DIN EN ISO 8434-1)



C-EVL



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	S ₁ [mm]	S ₂ [mm]	S ₃ [mm]	Ordering Code *	kg/ 100	
	C	CF																
L	315	315	6	M10x1	4	4	14	19	12.0	34.5	8	27	12	14	14	C-EVT 06 LM OMD	5.0	
			8	M12X1.5	6	6	17	21	14.0	37.5	12	29	12	17	17	C-EVT 08 LM OMD	7.1	
			10	M14X1.5	8	7	19	22	15.0	40.0	12	30	14	19	19	C-EVT 10 LM OMD	8.9	
			12	M16X1.5	10	9	21	24	17.0	42.0	12	32	17	22	22	C-EVT 12 LM OMD	11.8	
	250	250	15	M18X1,5	12	11	23	28	21.0	46.0	12	36	19	27	24	C-EVT 15 LM OMD	18.9	
			18	M22X1,5	15	14	27	31	23.5	50.0	14	40	24	32	27	C-EVT 18 LM OMD	27.7	
	160	160	22	M26X1,5	19	18	31	35	27.5	55.0	16	44	27	36	32	C-EVT 22 LM OMD	36.5	
			28	M33X2	24	23	39	38	30.5	61.0	18	47	36	41	41	C-EVT 28 LM OMD	55.9	
			35	M42X2	30	30	49	45	34.5	68.5	20	56	41	50	50	C-EVT 35 LM OMD	89.6	
			42	M48X2	36	36	55	51	40.0	75.0	22	63	50	60	55	C-EVT 42 LM OMD	117.2	
	S	400	400	6	M12X1.5	4	4	17	23	16.0	40.0	12	31	12	17	17	C-EVT 06 SM OMD	8.8
				8	M14X1.5	5	5	19	24	17.0	43.0	12	32	14	19	19	C-EVT 08 SM OMD	12.0
10				M16X1.5	7	7	21	25	17.5	46.0	12	34	17	22	22	C-EVT 10 SM OMD	15.8	
12				M18X1,5	8	8	23	29	21.5	50.0	12	38	17	24	24	C-EVT 12 SM OMD	20.8	
14				M20X1.5	10	10	25	30	22.0	54.0	14	40	19	27	27	C-EVT 14 SM OMD	27.1	
16				M22X1,5	12	12	27	33	24.5	56.0	14	43	24	30	27	C-EVT 16 SM OMD	32.8	
250		250	20	M27X2	16	16	32	37	26.5	65.0	16	48	27	36	32	C-EVT 20 SM OMD	49.7	
			25	M33X2	20	20	39	42	30.0	73.0	18	54	36	46	41	C-EVT 25 SM OMD	91.0	
160		160	30	M42X2	25	25	49	49	35.5	78.5	20	62	41	50	50	C-EVT 30 SM OMD	129.0	
			38	M48X2	32	32	55	57	41.0	89.0	22	72	50	60	55	C-EVT 38 SM OMD	191.3	

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

* Preassembled with male stud connector, see installation guide for final assembly

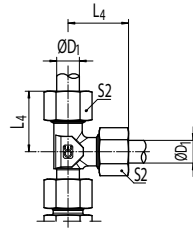
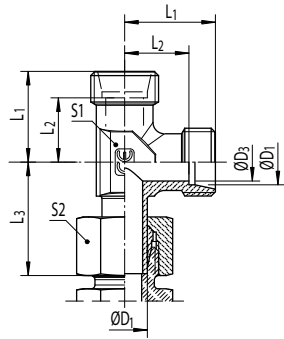


C-EVL Adjustable Stud-Run T-Fitting with Shaft

24° Shaft connector - Preassembled Shaft
24° Tube Connection (DIN EN ISO 8434-1)



C-EVL-R



Series	PN [bar]		ØD ₁ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100
	C	CF										
L	315	315	6	4	19	12.0	26.0	27	12	14	C-EVL 06 L OMD	3.6
			8	6	21	14.0	27.5	29	12	17	C-EVL 08 L OMD	4.5
			10	8	22	15.0	29.0	30	14	19	C-EVL 10 L OMD	6.0
			12	10	24	17.0	29.5	32	17	22	C-EVL 12 L OMD	7.7
			15	12	28	21.0	32.5	36	19	27	C-EVL 15 L OMD	13.8
	160	160	18	15	31	23.5	35.5	40	24	32	C-EVL 18 L OMD	19.7
			22	19	35	27.5	38.5	44	27	36	C-EVL 22 L OMD	26.6
			28	24	38	30.5	43.5	47	36	41	C-EVL 28 L OMD	40.0
			35	30	45	34.5	51.0	56	41	50	C-EVL 35 L OMD	60.1
			42	36	51	40.0	56.0	63	50	60	C-EVL 42 L OMD	91.6
S	630	630	6	4	23	16.0	27.0	31	12	17	C-EVL 06 S OMD	5.8
			8	5	24	17.0	28.0	32	14	19	C-EVL 08 S OMD	7.7
			10	7	25	17.5	31.0	34	17	22	C-EVL 10 S OMD	10.1
			12	8	29	21.5	33.0	38	17	24	C-EVL 12 S OMD	13.6
	400	400	14	10	30	22.0	35.0	40	19	27	C-EVL 14 S OMD	17.4
			16	12	33	24.5	37.5	43	24	30	C-EVL 16 S OMD	23.5
			20	16	37	26.5	44.5	48	27	36	C-EVL 20 S OMD	34.4
			25	20	42	30.0	50.0	54	36	46	C-EVL 25 S OMD	63.9
	250	315	30	25	49	35.5	55.0	62	41	50	C-EVL 30 S OMD	84.8
			38	32	57	41.0	63.0	72	50	60	C-EVL 38 S OMD	134.3

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

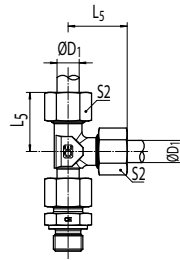
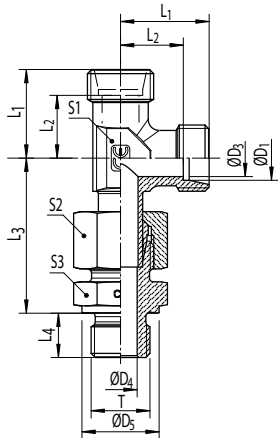


C-EVL-R

Adjustable Stud-Run T-Fitting with Shaft
Male BSPP Stud Connector with Sealing Edge (ISO 1179, Type B) /
24° Tube Connection (DIN EN ISO 8434-1)



C-EVL-M



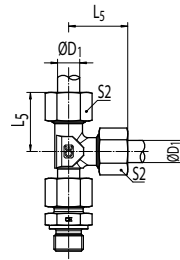
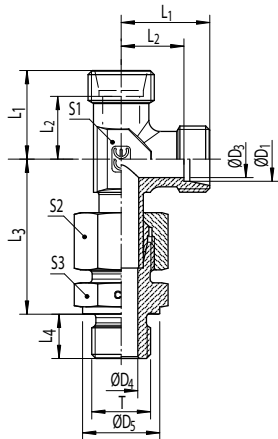
Series	PN [bar]		ØD1 [mm]	T	ØD3 [mm]	ØD4 [mm]	ØD5 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code *	kg/100	
	C	CF																
L	315	315	6	G1/8A	4	4	14	19	12.0	34.5	8	27	12	14	14	C-EVL 06 LR OMD	5.0	
			8	G1/4A	6	6	18	21	14.0	37.5	12	29	12	17	19	C-EVL 08 LR OMD	7.0	
			10	G1/4A	8	6	18	22	15.0	40.0	12	30	14	19	19	C-EVL 10 LR OMD	9.0	
			12	G3/8A	10	9	22	24	17.0	42.0	12	32	17	22	22	C-EVL 12 LR OMD	11.8	
	250	250	15	G1/2A	12	11	26	28	21.0	46.5	14	36	19	27	27	C-EVL 15 LR OMD	20.9	
			18	G1/2A	15	14	26	31	23.5	50.0	14	40	24	32	27	C-EVL 18 LR OMD	26.7	
	160	160	22	G3/4A	19	18	32	35	27.5	55.0	16	44	27	36	32	C-EVL 22 LR OMD	37.0	
			28	G1A	24	23	39	38	30.5	61.0	18	47	36	41	41	C-EVL 28 LR OMD	56.5	
			35	G1 1/4A	30	30	49	45	34.5	68.5	20	56	41	50	50	C-EVL 35 LR OMD	87.6	
			42	G1 1/2A	36	36	55	51	40.0	75.0	22	63	50	60	55	C-EVL 42 LR OMD	126.1	
S	400	400	6	G1/4A	4	4	18	23	16.0	40.0	12	31	12	17	19	C-EVL 06 SR OMD	9.3	
			8	G1/4A	5	5	18	24	17.0	43.0	12	32	14	19	19	C-EVL 08 SR OMD	11.7	
			10	G3/8A	7	7	22	25	17.5	46.0	12	34	17	22	22	C-EVL 10 SR OMD	15.6	
			12	G3/8A	8	8	22	29	21.5	50.0	12	38	17	24	22	C-EVL 12 SR OMD	19.8	
			14	G1/2A	10	10	26	30	22.0	54.0	14	40	19	27	27	C-EVL 14 SR OMD	27.2	
			16	G1/2A	12	12	26	33	24.5	56.0	14	43	24	30	27	C-EVL 16 SR OMD	32.8	
				20	G3/4A	16	16	32	37	26.5	65.0	16	48	27	36	32	C-EVL 20 SR OMD	49.4
	250	250	25	G1A	20	20	39	42	30.0	73.0	18	54	36	46	41	C-EVL 25 SR OMD	90.9	
	160	160	30	G1 1/4A	25	25	49	49	35.5	78.5	20	62	41	50	50	C-EVL 30 SR OMD	126.8	
			38	G1 1/2A	32	32	55	57	41.0	89.0	22	72	50	60	55	C-EVL 38 SR OMD	190.8	

*Replace the character "C" with "CF" when you require steel!

C = Stainless Steel, 1.4571 CF = Galvanized Steel Cr(VI)-free

C-EVL-M Adjustable Stud-Run T-Fitting with Shaft

Metric Male Stud Connector with Sealing Edge (ISO 9974, Type B) /
24° Tube Connection (DIN EN ISO 8434-1)



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	S ₁ [mm]	S ₂ [mm]	S ₃ [mm]	Ordering Code *	kg/100
	C	CF															
L	315	315	6	M10x1	4	4	14	19	12.0	34.5	8	27	12	14	14	C-EVL 06 LM OMD	5.0
			8	M12X1.5	6	6	17	21	14.0	37.5	12	29	12	17	17	C-EVL 08 LM OMD	6.8
			10	M14X1.5	8	7	19	22	15.0	40.0	12	30	14	19	19	C-EVL 10 LM OMD	8.9
			12	M16X1.5	10	9	21	24	17.0	42.0	12	32	17	22	22	C-EVL 12 LM OMD	11.7
	250	250	15	M18X1,5	12	11	23	28	21.0	46.0	12	36	19	27	24	C-EVL 15 LM OMD	19.0
			18	M22X1,5	15	14	27	31	23.5	50.0	14	40	24	32	27	C-EVL 18 LM OMD	27.3
			22	M26X1,5	19	18	31	35	27.5	55.0	16	44	27	36	32	C-EVL 22 LM OMD	36.7
	160	160	28	M33X2	24	23	39	38	30.5	61.0	18	47	36	41	41	C-EVL 28 LM OMD	56.8
			35	M42X2	30	30	49	45	34.5	68.5	20	56	41	50	50	C-EVL 35 LM OMD	88.3
			42	M48X2	36	36	55	51	40.0	75.0	22	63	50	60	55	C-EVL 42 LM OMD	117.4
S	400	400	6	M12X1.5	4	4	17	23	16.0	40.0	12	31	12	17	17	C-EVL 06 SM OMD	8.8
			8	M14X1.5	5	5	19	24	17.0	43.0	12	32	14	19	19	C-EVL 08 SM OMD	12.0
			10	M16X1.5	7	7	21	25	17.5	46.0	12	34	17	22	22	C-EVL 10 SM OMD	15.6
			12	M18X1,5	8	8	23	29	21.5	50.0	12	38	17	24	24	C-EVL 12 SM OMD	20.8
			14	M20X1.5	10	10	25	30	22.0	54.0	14	40	19	27	27	C-EVL 14 SM OMD	26.9
			16	M22X1,5	12	12	27	33	24.5	56.0	14	43	24	30	27	C-EVL 16 SM OMD	32.9
	250	250	20	M27X2	16	16	32	37	26.5	65.0	16	48	27	36	32	C-EVL 20 SM OMD	49.7
			25	M33X2	20	20	39	42	30.0	73.0	18	54	36	46	41	C-EVL 25 SM OMD	90.8
	160	160	30	M42X2	25	25	49	49	35.5	78.5	20	62	41	50	50	C-EVL 30 SM OMD	127.6
			38	M48X2	32	32	55	57	41.0	89.0	22	72	50	60	55	C-EVL 38 SM OMD	191.8

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

BANJO FITTINGS OVERVIEW

Banjo Elbow-Fitting

Male Stud Connector - Captive seal /
24° Tube Connection

Banjo Elbow-Fitting

Male Stud Connector - Sealing Ring /
24° Tube Connection (DIN EN ISO
8434-1)

Banjo T-fitting

Male Stud Connector - Captive seal /
24° Tube Connection

Banjo T-fitting

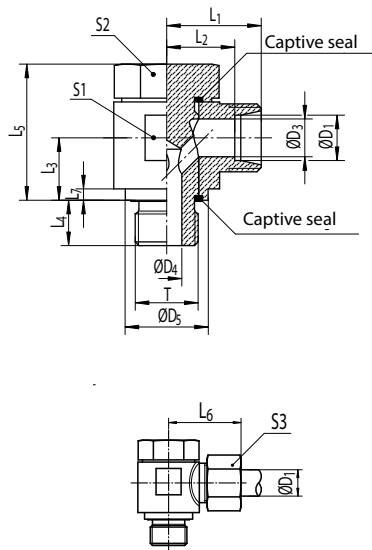
Male Stud Connector - Sealing Ring /
24° Tube Connection (DIN EN ISO
8434-1)

C-WH-R-WD Elbow Banjo fitting

Male BSPP Thread with Captive seal /
24° Tube Connection (DIN EN ISO 8434-1)



C-WH-M-WD



Series	PN [bar]		ØD1 [mm]	T	ØD3 [mm]	ØD4 [mm]	ØD5 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code*		
	C	CF																		
L	250	315	06	G1/8A	4	3.5	14	19.0	12.0	10.5	8	24	27.0	2.5	17	17	14	C-WH 06 LR WD OMD		
			08	G1/4A	6	6.0	19	21.5	14.5	14.0	12	30	29.5	3.0	22	19	17	C-WH 08 LR WD OMD		
			10	G1/4A	8	6.0	19	22.5	15.5	14.0	12	30	30.5	3.0	22	19	19	C-WH 10 LR WD OMD		
			12	G3/8A	10	8.0	22	25.0	18.0	16.5	12	36	33.0	3.0	27	24	22	C-WH 12 LR WD OMD		
			15	G1/2A	12	11.0	27	28.5	21.5	21.5	14	45	36.5	4.5	32	30	27	C-WH 15 LR WD OMD		
			18	G1/2A	15	11.0	27	28.5	21.0	21.5	14	45	37.5	4.5	32	30	32	C-WH 18 LR WD OMD		
			22	G3/4A	19	16.0	32	35.0	27.5	24.0	16	53	44.0	3.5	41	36	36	C-WH 22 LR WD OMD		
			28	G1A	24	22.0	39	39.5	32.0	30.5	18	66	48.5	3.5	50	46	41	C-WH 28 LR WD OMD		
L	160	160	35	G1 1/4A	30	28.0	49	46.5	36.0	35.5	20	76	57.5	3.5	60	55	50	C-WH 35 LR WD OMD		
			42	G1 1/2A	36	32.0	55	51.5	40.5	40.5	22	87	63.5	3.5	70	60	60	C-WH 42 LR WD OMD		
			315	400	06	G1/4A	4	6.0	19	23.5	16.5	14.0	12	30	31.5	3.0	22	19	17	C-WH 06 SR WD OMD
			315	400	08	G1/4A	5	6.0	19	23.5	16.5	14.0	12	30	31.5	3.0	22	19	19	C-WH 08 SR WD OMD
S	315	400	10	G3/8A	7	8.0	22	26.0	18.5	16.5	12	36	35.0	3.0	27	24	22	C-WH 10 SR WD OMD		
			12	G3/8A	8	8.0	22	26.0	18.5	16.5	12	36	35.0	3.0	27	24	24	C-WH 12 SR WD OMD		
			14	G1/2A	10	11.0	26	30.5	22.5	21.5	14	45	40.5	4.5	32	30	27	C-WH 14 SR WD OMD		
			16	G1/2A	12	11.0	27	30.5	22.0	21.5	14	45	40.5	4.5	32	30	30	C-WH 16 SR WD OMD		
			250	315	20	G3/4A	16	16.0	32	37.0	26.5	24.0	16	53	48.0	3.5	41	36	36	C-WH 20 SR WD OMD
					25	G1A	20	22.0	39	43.5	31.5	30.5	18	66	55.5	3.5	50	46	46	C-WH 25 SR WD OMD
			160	160	30	G1 1/4A	25	28.0	49	50.5	37.0	35.5	20	76	63.5	3.5	60	55	50	C-WH 30 SR WD OMD
			160	160	38	G1 1/2A	32	32.0	55	57.5	41.5	40.5	22	87	72.5	3.5	70	60	60	C-WH 38 SR WD OMD

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



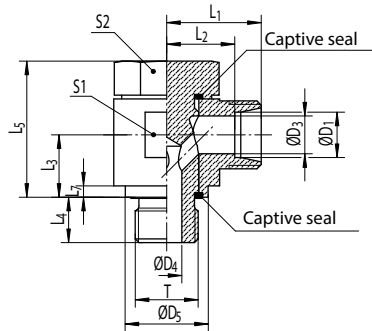
C-WH-M-WD

Elbow Banjo fitting

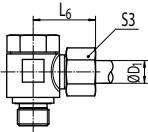
Metric Male Stud Connector with Captive seal /
24° Tube Connection (DIN EN ISO 8434-1)



C-WH-R



D



Series	PN [bar]		ØD1 [mm]	T	ØD3 [mm]	ØD4 [mm]	ØD5 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code*		
	C	CF																		
L	250	315	06	M10x1	4	4.0	14	19.0	12.0	10.5	8	24.0	27.0	2.5	17	17	14	C-WH 06 LM WD OMD		
			08	M12x1.5	6	4.0	17	21.5	14.5	14.0	12	30.0	29.5	3.0	22	19	17	C-WH 08 LM WD OMD		
			10	M14x1.5	8	5.0	19	22.5	15.5	14.0	12	30.0	30.5	3.0	22	19	19	C-WH 10 LM WD OMD		
			12	M16x1.5	10	7.5	22	25.0	18.0	16.5	12	36.0	33.0	3.0	27	24	22	C-WH 12 LM WD OMD		
			15	M18x1.5	12	10.0	23	27.5	20.5	18.5	12	39.5	35.5	4.5	30	27	27	C-WH 15 LM WD OMD		
			18	M22x1.5	15	10.0	27	28.5	21.0	21.5	14	45.0	37.5	3.5	32	30	32	C-WH 18 LM WD OMD		
			22	M26x1.5	19	14.0	32	35.0	27.5	24.0	16	53.0	44.0	3.5	41	36	36	C-WH 22 LM WD OMD		
			28	M33x2	24	20.0	39	39.5	32.0	30.5	18	66.0	48.5	3.5	50	46	41	C-WH 28 LM WD OMD		
L	160	160	35	M42x2	30	25.0	49	46.5	36.0	35.5	20	76.0	57.5	3.5	60	55	50	C-WH 35 LM WD OMD		
			42	M48x2	36	32.0	55	51.5	40.5	40.5	22	87.0	63.5	3.5	70	60	60	C-WH 42 LM WD OMD		
			315	400	06	M12x1.5	4	4.0	14	23.5	16.5	14.0	12	30.0	31.5	3.0	22	19	17	C-WH 06 SM WD OMD
			315	400	08	M14x1.5	5	5.0	19	23.5	16.5	14.0	12	30.0	31.5	3.0	22	19	19	C-WH 08 SM WD OMD
S	315	400	10	M16x1.5	7	7.5	22	26.0	18.5	16.5	12	36.0	35.0	3.0	27	24	22	C-WH 10 SM WD OMD		
			12	M18x1.5	8	10.0	23	27.5	20.0	18.5	12	39.5	36.5	3.0	30	27	24	C-WH 12 SM WD OMD		
			14	M20x1.5	10	10.0	26	30.5	22.5	20.0	14	43.5	40.5	3.0	32	30	27	C-WH 14 SM WD OMD		
			16	M22x1.5	12	10.0	27	30.5	22.0	21.5	14	45.0	40.5	4.5	32	30	30	C-WH 16 SM WD OMD		
			20	M27x2	16	14.0	32	37.0	26.5	24.0	16	53.0	48.0	3.5	41	36	36	C-WH 20 SM WD OMD		
			25	M33x2	20	20.0	39	43.5	31.5	30.5	18	66.0	55.5	3.5	50	46	46	C-WH 25 SM WD OMD		
	S	160	160	30	M42x2	25	25.0	49	50.5	37.0	35.5	20	76.0	63.5	3.5	60	55	50	C-WH 30 SM WD OMD	
				38	M48x2	32	32.0	55	57.5	41.5	40.5	22	87.0	72.5	3.5	70	60	60	C-WH 38 SM WD OMD	

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

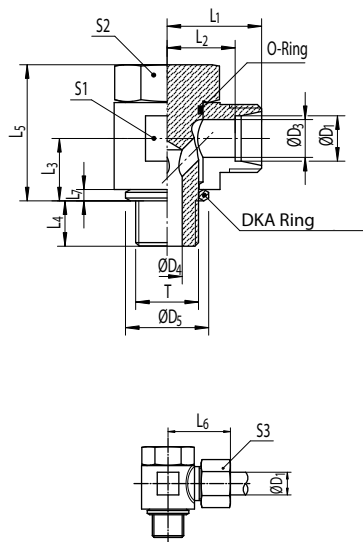


C-WH-R Elbow Banjo fitting

Male BSPP Stud Connector with DKA Sealing Ring /
24° Tube Connection (DIN EN ISO 8434-1)



C-WH-M



Series	PN [bar]		ØD1 [mm]	T	ØD3 [mm]	ØD4 [mm]	ØD5 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code*			
	C	CF																			
L	250	250	06	G1/8A	4	3.5	14	19.0	12.0	10.5	8	24	27.0	2.5	17	17	14	C-WH 06 LR OMD			
			08	G1/4A	6	6.0	18	21.5	14.5	14.0	12	30	29.5	3.0	22	19	17	C-WH 08 LR OMD			
			10	G1/4A	8	6.0	18	22.5	15.5	14.0	12	30	30.5	3.0	22	19	19	C-WH 10 LR OMD			
			12	G3/8A	10	8.0	22	25.0	18.0	16.5	12	36	33.0	3.0	27	24	22	C-WH 12 LR OMD			
			15	G1/2A	12	11.0	26	28.5	21.5	21.5	14	45	36.5	4.5	32	30	27	C-WH 15 LR OMD			
			18	G1/2A	15	11.0	26	28.5	21.0	21.5	14	45	37.5	4.5	32	30	32	C-WH 18 LR OMD			
			22	G3/4A	19	16.0	32	35.0	27.5	24.0	16	53	44.0	3.5	41	36	36	C-WH 22 LR OMD			
			28	G1A	24	22.0	39	39.5	32.0	30.5	18	66	48.5	3.5	50	46	41	C-WH 28 LR OMD			
L	160	160	35	G1 1/4A	30	28.0	49	46.5	36.0	35.5	20	76	57.5	3.5	60	55	50	C-WH 35 LR OMD			
			42	G1 1/2A	36	32.0	55	51.5	40.5	40.5	22	87	63.5	3.5	70	60	60	C-WH 42 LR OMD			
			S	315	315	06	G1/4A	4	6.0	18	23.5	16.5	14.0	12	30	31.5	3.0	22	19	17	C-WH 06 SR OMD
						08	G1/4A	5	6.0	18	23.5	16.5	14.0	12	30	31.5	3.0	22	19	19	C-WH 08 SR OMD
10	G3/8A	7				8.0	22	26.0	18.5	16.5	12	36	35.0	3.0	27	24	22	C-WH 10 SR OMD			
12	G3/8A	8				8.0	22	26.0	18.5	16.5	12	36	35.0	3.0	27	24	24	C-WH 12 SR OMD			
14	G1/2A	10				11.0	26	30.5	22.5	21.5	14	45	40.5	4.5	32	30	27	C-WH 14 SR OMD			
16	G1/2A	12				11.0	26	30.5	22.0	21.5	14	45	40.5	4.5	32	30	30	C-WH 16 SR OMD			
S	160	160	20	G3/4A	16	16.0	32	37.0	26.5	24.0	16	53	48.0	3.5	41	36	36	C-WH 20 SR OMD			
			25	G1A	20	22.0	39	43.5	31.5	30.5	18	66	55.5	3.5	50	46	46	C-WH 25 SR OMD			
			30	G1 1/4A	25	28.0	49	50.5	37.0	35.5	20	76	63.5	3.5	60	55	50	C-WH 30 SR OMD			
			38	G1 1/2A	32	32.0	55	57.5	41.5	40.5	22	87	72.5	3.5	70	60	60	C-WH 38 SR OMD			

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

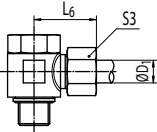
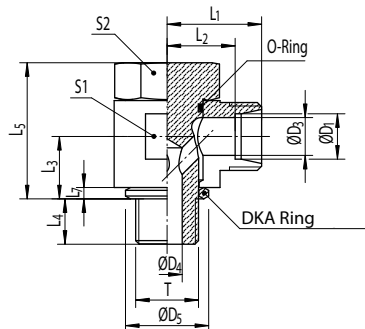


C-WH-M

Elbow Banjo fitting Male Metric Stud Connector with DKA Sealing Ring / 24° Tube Connection (DIN EN ISO 8434-1)



C-TH-R-WD



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	L ₆ [mm]	L ₇ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code*			
	C	CF																			
L	250	250	06	M10x1	4	3.5	14	19.0	12.0	10.5	8	24.0	27.0	2.5	17	17	14	C-WH 06 LM OMD			
			08	M12x1.5	6	5.5	17	21.5	14.5	14.0	12	30.0	29.5	3.0	22	19	17	C-WH 08 LM OMD			
			10	M14x1.5	8	6.0	19	22.5	15.5	14.0	12	30.0	30.5	3.0	22	19	19	C-WH 10 LM OMD			
			12	M16x1.5	10	8.0	21	25.0	18.0	16.5	12	36.0	33.0	3.0	27	24	22	C-WH 12 LM OMD			
			15	M18x1.5	12	10.0	23	27.5	20.5	18.5	12	39.5	35.5	4.5	30	27	27	C-WH 15 LM OMD			
			18	M22x1.5	15	12.0	27	28.5	21.0	21.5	14	45.0	37.5	3.5	32	30	32	C-WH 18 LM OMD			
			22	M26x1.5	19	17.0	31	35.0	27.5	24.0	16	53.0	44.0	3.5	41	36	36	C-WH 22 LM OMD			
			28	M33x2	24	20.0	39	39.5	32.0	30.5	18	66.0	48.5	3.5	50	46	41	C-WH 28 LM OMD			
L	160	160	35	M42x2	30	26.0	49	46.5	36.0	35.5	20	76.0	57.5	3.5	60	55	50	C-WH 35 LM OMD			
			42	M48x2	36	32.0	55	51.5	40.5	40.5	22	87.0	63.5	3.5	70	60	60	C-WH 42 LM OMD			
			S	315	315	06	M12x1.5	4	5.5	17	23.5	16.5	14.0	12	30.0	31.5	3.0	22	19	17	C-WH 06 SM OMD
						08	M14x1.5	5	6.0	19	23.5	16.5	14.0	12	30.0	31.5	3.0	22	19	19	C-WH 08 SM OMD
10	M16x1.5	7				8.0	21	26.0	18.5	16.5	12	36.0	35.0	3.0	27	24	22	C-WH 10 SM OMD			
12	M18x1.5	8				10.0	23	27.5	20.0	18.5	12	39.5	36.5	3.0	30	27	24	C-WH 12 SM OMD			
14	M20x1.5	10				10.0	25	30.5	22.5	20.0	14	43.5	40.5	3.0	32	30	27	C-WH 14 SM OMD			
16	M22x1.5	12				12.0	27	30.5	22.0	21.5	14	45.0	40.5	4.5	32	30	30	C-WH 16 SM OMD			
S	160	160	20	M27x2	16	16.0	32	37.0	26.5	24.0	16	53.0	48.0	3.5	41	36	36	C-WH 20 SM OMD			
			25	M33x2	20	20.0	39	43.5	31.5	30.5	18	66.0	55.5	3.5	50	46	46	C-WH 25 SM OMD			
			30	M42x2	25	26.0	49	50.5	37.0	35.5	20	76.0	63.5	3.5	60	55	50	C-WH 30 SM OMD			
			38	M48x2	32	32.0	55	57.5	41.5	40.5	22	87.0	72.5	3.5	70	60	60	C-WH 38 SM OMD			

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



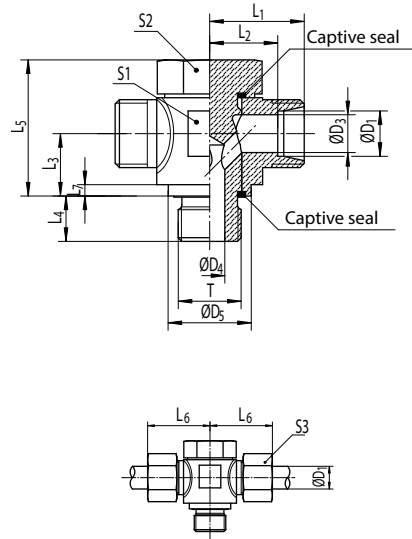
C-TH-R-WD

Banjo T-fitting

Male BSPP Thread with Captive seal /
24° Tube Connection (DIN EN ISO 8434-1)



C-TH-M-WD



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	L ₆ [mm]	L ₇ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code*		
	C	CF																		
L	250	315	06	G1/8A	4	3.5	14	19.0	12.0	10.5	8	24	27.0	2.5	17	17	14	C-TH 06 LR WD OMD		
			08	G1/4A	6	6.0	19	21.5	14.5	14.0	12	30	29.5	3.0	22	19	17	C-TH 08 LR WD OMD		
			10	G1/4A	8	6.0	19	22.5	15.5	14.0	12	30	30.5	3.0	22	19	19	C-TH 10 LR WD OMD		
			12	G3/8A	10	8.0	22	25.0	18.0	16.5	12	36	33.0	3.0	27	24	22	C-TH 12 LR WD OMD		
			15	G1/2A	12	11.0	27	28.5	21.5	21.5	14	45	36.5	4.5	32	30	27	C-TH 15 LR WD OMD		
			18	G1/2A	15	11.0	27	28.5	21.0	21.5	14	45	37.5	4.5	32	30	32	C-TH 18 LR WD OMD		
	160	160	22	G3/4A	19	16.0	32	35.0	27.5	24.0	16	53	44.0	3.5	41	36	36	C-TH 22 LR WD OMD		
			28	G1A	24	22.0	39	39.5	32.0	30.5	18	66	48.5	3.5	50	46	41	C-TH 28 LR WD OMD		
			35	G1 1/4A	30	28.0	49	46.5	36.0	35.5	20	76	57.5	3.5	60	55	50	C-TH 35 LR WD OMD		
			42	G1 1/2A	36	32.0	55	51.5	40.5	40.5	22	87	63.5	3.5	70	60	60	C-TH 42 LR WD OMD		
S	315	400	06	G1/4A	4	6.0	19	23.5	16.5	14.0	12	30	31.5	3.0	22	19	17	C-TH 06 SR WD OMD		
			08	G1/4A	5	6.0	19	23.5	16.5	14.0	12	30	31.5	3.0	22	19	19	C-TH 08 SR WD OMD		
			10	G3/8A	7	8.0	22	26.0	18.5	16.5	12	36	35.0	3.0	27	24	22	C-TH 10 SR WD OMD		
			12	G3/8A	8	8.0	22	26.0	18.5	16.5	12	36	35.0	3.0	27	24	24	C-TH 12 SR WD OMD		
			14	G1/2A	10	11.0	26	30.5	22.5	21.5	14	45	40.5	4.5	32	30	27	C-TH 14 SR WD OMD		
			16	G1/2A	12	11.0	27	30.5	22.0	21.5	14	45	40.5	4.5	32	30	30	C-TH 16 SR WD OMD		
			250	315	20	G3/4A	16	16.0	32	37.0	26.5	24.0	16	53	48.0	3.5	41	36	36	C-TH 20 SR WD OMD
					25	G1A	20	22.0	39	43.5	31.5	30.5	18	66	55.5	3.5	50	46	46	C-TH 25 SR WD OMD
			160	160	30	G1 1/4A	25	28.0	49	50.5	37.0	35.5	20	76	63.5	3.5	60	55	50	C-TH 30 SR WD OMD
			160	160	38	G1 1/2A	32	32.0	55	57.5	41.5	40.5	22	87	72.5	3.5	70	60	60	C-TH 38 SR WD OMD

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



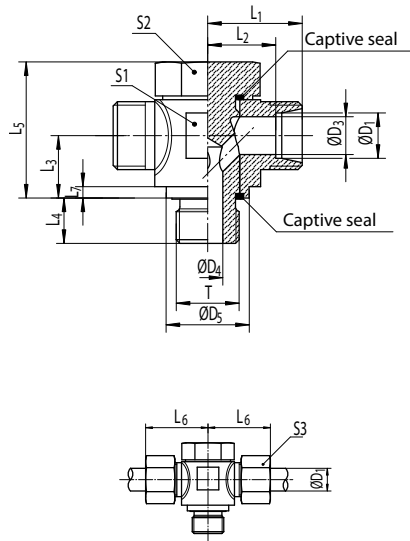
C-TH-M-WD

Banjo T-fitting

Metric Male Stud Connector with Captive seal /
24° Tube Connection (DIN EN ISO 8434-1)



C-TH-R



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	L ₆ [mm]	L ₇ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code*
	C	CF																
L	250	315	06	M10x1	4	4.0	14	19.0	12.0	10.5	8	24.0	27.0	2.5	17	17	14	C-TH 06 LM WD OMD
			08	M12x1.5	6	4.0	17	21.5	14.5	14.0	12	30.0	29.5	3.0	22	19	17	C-TH 08 LM WD OMD
			10	M14x1.5	8	5.0	19	22.5	15.5	14.0	12	30.0	30.5	3.0	22	19	19	C-TH 10 LM WD OMD
			12	M16x1.5	10	7.5	22	25.0	18.0	16.5	12	36.0	33.0	3.0	27	24	22	C-TH 12 LM WD OMD
			15	M18x1.5	12	10.0	23	27.5	20.5	18.5	12	39.5	35.5	4.5	30	27	27	C-TH 15 LM WD OMD
	160	160	18	M22x1.5	15	10.0	27	28.5	21.0	21.5	14	45.0	37.5	3.5	32	30	32	C-TH 18 LM WD OMD
			22	M26x1.5	19	14.0	32	35.0	27.5	24.0	16	53.0	44.0	3.5	41	36	36	C-TH 22 LM WD OMD
			28	M33x2	24	20.0	39	39.5	32.0	30.5	18	66.0	48.5	3.5	50	46	41	C-TH 28 LM WD OMD
			35	M42x2	30	25.0	49	46.5	36.0	35.5	20	76.0	57.5	3.5	60	55	50	C-TH 35 LM WD OMD
			42	M48x2	36	32.0	55	51.5	40.5	40.5	22	87.0	63.5	3.5	70	60	60	C-TH 42 LM WD OMD
S	315	400	06	M12x1.5	4	4.0	14	23.5	16.5	14.0	12	30.0	31.5	3.0	22	19	17	C-TH 06 SM WD OMD
			08	M14x1.5	5	5.0	19	23.5	16.5	14.0	12	30.0	31.5	3.0	22	19	19	C-TH 08 SM WD OMD
			10	M16x1.5	7	7.5	22	26.0	18.5	16.5	12	36.0	35.0	3.0	27	24	22	C-TH 10 SM WD OMD
			12	M18x1.5	8	10.0	23	27.5	20.0	18.5	12	39.5	36.5	3.0	30	27	24	C-TH 12 SM WD OMD
			14	M20x1.5	10	10.0	26	30.5	22.5	20.0	14	43.5	40.5	3.0	32	30	27	C-TH 14 SM WD OMD
	250	315	16	M22x1.5	12	10.0	27	30.5	22.0	21.5	14	45.0	40.5	4.5	32	30	30	C-TH 16 SM WD OMD
			20	M27x2	16	14.0	32	37.0	26.5	24.0	16	53.0	48.0	3.5	41	36	36	C-TH 20 SM WD OMD
			25	M33x2	20	20.0	39	43.5	31.5	30.5	18	66.0	55.5	3.5	50	46	46	C-TH 25 SM WD OMD
	160	160	30	M42x2	25	25.0	49	50.5	37.0	35.5	20	76.0	63.5	3.5	60	55	50	C-TH 30 SM WD OMD
			38	M48x2	32	32.0	55	57.5	41.5	40.5	22	87.0	72.5	3.5	70	60	60	C-TH 38 SM WD OMD

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

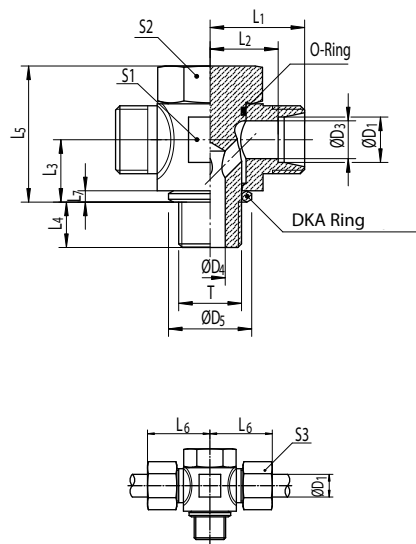


C-TH-R Male Stud-Run T

Male BSPP Stud Connector with DKA Sealing Ring /
24° Tube Connection (DIN EN ISO 8434-1)



C-TH-M



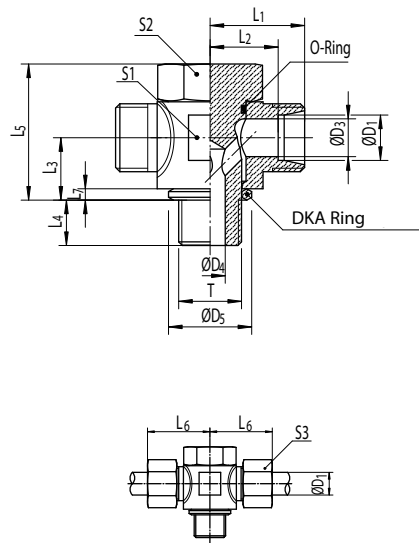
Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	L ₆ [mm]	L ₇ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code*			
	C	CF																			
L	250	250	06	G1/8A	4	3.5	14	19.0	12.0	10.5	8	24	27.0	2.5	17	17	14	C-TH 06 LR OMD			
			08	G1/4A	6	6.0	18	21.5	14.5	14.0	12	30	29.5	3.0	22	19	17	C-TH 08 LR OMD			
			10	G1/4A	8	6.0	18	22.5	15.5	14.0	12	30	30.5	3.0	22	19	19	C-TH 10 LR OMD			
			12	G3/8A	10	8.0	22	25.0	18.0	16.5	12	36	33.0	3.0	27	24	22	C-TH 12 LR OMD			
			15	G1/2A	12	11.0	26	28.5	21.5	21.5	14	45	36.5	4.5	32	30	27	C-TH 15 LR OMD			
			18	G1/2A	15	11.0	26	28.5	21.0	21.5	14	45	37.5	4.5	32	30	32	C-TH 18 LR OMD			
			22	G3/4A	19	16.0	32	35.0	27.5	24.0	16	53	44.0	3.5	41	36	36	C-TH 22 LR OMD			
			28	G1A	24	22.0	39	39.5	32.0	30.5	18	66	48.5	3.5	50	46	41	C-TH 28 LR OMD			
L	160	160	35	G1 1/4A	30	28.0	49	46.5	36.0	35.5	20	76	57.5	3.5	60	55	50	C-TH 35 LR OMD			
			42	G1 1/2A	36	32.0	55	51.5	40.5	40.5	22	87	63.5	3.5	70	60	60	C-TH 42 LR OMD			
			S	315	315	06	G1/4A	4	6.0	18	23.5	16.5	14.0	12	30	31.5	3.0	22	19	17	C-TH 06 SR OMD
						08	G1/4A	5	6.0	18	23.5	16.5	14.0	12	30	31.5	3.0	22	19	19	C-TH 08 SR OMD
10	G3/8A	7				8.0	22	26.0	18.5	16.5	12	36	35.0	3.0	27	24	22	C-TH 10 SR OMD			
12	G3/8A	8				8.0	22	26.0	18.5	16.5	12	36	35.0	3.0	27	24	24	C-TH 12 SR OMD			
14	G1/2A	10				11.0	26	30.5	22.5	21.5	14	45	40.5	4.5	32	30	27	C-TH 14 SR OMD			
16	G1/2A	12	11.0	26	30.5	22.0	21.5	14	45	40.5	4.5	32	30	30	C-TH 16 SR OMD						
S	160	160	20	G3/4A	16	16.0	32	37.0	26.5	24.0	16	53	48.0	3.5	41	36	36	C-TH 20 SR OMD			
			25	G1A	20	22.0	39	43.5	31.5	30.5	18	66	55.5	3.5	50	46	46	C-TH 25 SR OMD			
			30	G1 1/4A	25	28.0	49	50.5	37.0	35.5	20	76	63.5	3.5	60	55	50	C-TH 30 SR OMD			
			38	G1 1/2A	32	32.0	55	57.5	41.5	40.5	22	87	72.5	3.5	70	60	60	C-TH 38 SR OMD			

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



C-TH-M Male Stud-Run T

Male BSPB Stud Connector with DKA Sealing Ring /
24° Tube Connection (DIN EN ISO 8434-1)



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	L ₆ [mm]	L ₇ [mm]	S ₁ [mm]	S ₂ [mm]	S ₃ [mm]	Ordering Code*			
	C	CF																			
L	250	250	06	M10x1	4	3.5	14	19.0	12.0	10.5	8	24.0	27.0	2.5	17	17	14	C-TH 06 LM OMD			
			08	M12x1.5	6	5.5	17	21.5	14.5	14.0	12	30.0	29.5	3.0	22	19	17	C-TH 08 LM OMD			
			10	M14x1.5	8	6	19	22.5	15.5	14.0	12	30.0	30.5	3.0	22	19	19	C-TH 10 LM OMD			
			12	M16x1.5	10	8	21	25.0	18.0	16.5	12	36.0	33.0	3.0	27	24	22	C-TH 12 LM OMD			
			15	M18x1.5	12	10	23	27.5	20.5	18.5	12	39.5	35.5	4.5	30	27	27	C-TH 15 LM OMD			
			18	M22x1.5	15	12	27	28.5	21.0	21.5	14	45.0	37.5	3.5	32	30	32	C-TH 18 LM OMD			
			22	M26x1.5	19	17	31	35.0	27.5	24.0	16	53.0	44.0	3.5	41	36	36	C-TH 22 LM OMD			
			28	M33x2	24	20	39	39.5	32.0	30.5	18	66.0	48.5	3.5	50	46	41	C-TH 28 LM OMD			
L	160	160	35	M42x2	30	26	49	46.5	36.0	35.5	20	76.0	57.5	3.5	60	55	50	C-TH 35 LM OMD			
			42	M48x2	36	32	55	51.5	40.5	40.5	22	87.0	63.5	3.5	70	60	60	C-TH 42 LM OMD			
			S	315	315	06	M12x1.5	4	5.5	17	23.5	16.5	14.0	12	30.0	31.5	3.0	22	19	17	C-TH 06 SM OMD
						08	M14x1.5	5	6	19	23.5	16.5	14.0	12	30.0	31.5	3.0	22	19	19	C-TH 08 SM OMD
10	M16x1.5	7				8	21	26.0	18.5	16.5	12	36.0	35.0	3.0	27	24	22	C-TH 10 SM OMD			
12	M18x1.5	8				10	23	27.5	20.0	18.5	12	39.5	36.5	3.0	30	27	24	C-TH 12 SM OMD			
14	M20x1.5	10				10	25	30.5	22.5	20.0	14	43.5	40.5	3.0	32	30	27	C-TH 14 SM OMD			
S	160	160	16	M22x1.5	12	12	27	30.5	22.0	21.5	14	45.0	40.5	4.5	32	30	30	C-TH 16 SM OMD			
			20	M27x2	16	16	32	37.0	26.5	24.0	16	53.0	48.0	3.5	41	36	36	C-TH 20 SM OMD			
			25	M33x2	20	20	39	43.5	31.5	30.5	18	66.0	55.5	3.5	50	46	46	C-TH 25 SM OMD			
			30	M42x2	25	26	49	50.5	37.0	35.5	20	76.0	63.5	3.5	60	55	50	C-TH 30 SM OMD			
			38	M48x2	32	32	55	57.5	41.5	40.5	22	87.0	72.5	3.5	70	60	60	C-TH 38 SM OMD			

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

STRAIGHT CONNECTORS OVERVIEW

**Union Piece
with Swivel**
24° Cone

Distance Piece Adaptor
24° Cone End /
24° Tube Connection

Male Stud Connector
BSPP 60° Cone End

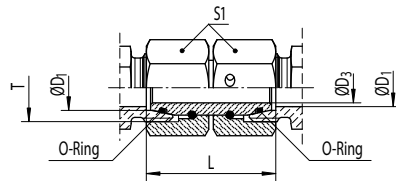
**Straight Reducer
with Swivel**
24° Cone

Straight Reducer
BSPP 60° Cone End

C-GZ Union Piece with Swivel
24° Cone
(DIN EN ISO 8434-1)



C-GZR



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	S1 [mm]	L [mm]	Ordering Code*	kg/100
	C	CF							
L	315	500	6	M12x1.5	2.5	14	33	C-GZ 06 L	2.7
			8	M14x1.5	4.0	17	33	C-GZ 08 L	4.3
			10	M16x1.5	6.0	19	34	C-GZ 10 L	5.4
	315	400	12	M18x1.5	8.0	22	34	C-GZ 12 L	7.3
			15	M22x1.5	10.0	27	39	C-GZ 15 L	14.0
			18	M26x1.5	13.0	32	38	C-GZ 18 L	17.1
			22	M30x2	17.0	36	44	C-GZ 22 L	24.2
	160	250	28	M36x2	22.0	41	48	C-GZ 28 L	28.7
			35	M45x2	28.0	50	52	C-GZ 35 L	43.9
			42	M52x2	34.0	60	57	C-GZ 42 L	67.7
S			630	800	6	M14x1.5	2.5	17	33
	8	M16x1.5			4.0	19	34	C-GZ 08 S	5.4
	10	M18x1.5			6.0	22	35	C-GZ 10 S	7.4
	630	630	12	M20x1.5	8.0	24	38	C-GZ 12 S	9.6
	630	630	14	M22x1.5	9.0	27	41	C-GZ 14 S	14.3
	400	630	16	M24x1.5	11.0	30	42	C-GZ 16 S	17.4
	400	400	20	M30x2	14.0	36	48	C-GZ 20 S	25.8
			25	M36x2	18.0	46	53	C-GZ 25 S	50.7
			30	M42x2	23.0	50	62	C-GZ 30 S	58.9
	315	400	38	M52x2	30.0	60	67	C-GZ 38 S	87.1

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

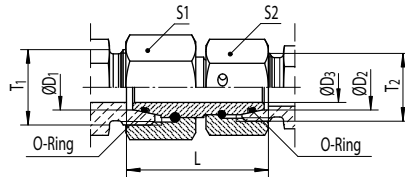


C-GZR Reducers: Straight Reducer with Swivel (L, L/S)

24° Swivel (DIN EN ISO 8434-1)



C-GZR
(S, S/L)



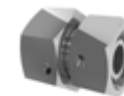
Series	PN [bar]		ØD ₁ [mm]	ØD ₂ [mm]	T ₁	T ₂	ØD ₃ [mm]	L [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100
	C	CF										
L/S	315	500	6	6	M14x1.5	M12x1.5	2.5	33.0	17	14	C-GZR 06 L/06 S	3.4
L			8	6	M14x1.5	M12x1.5	2.5	33.0	17	14	C-GZR 08/06 L	3.5
L/S			8	8	M16x1.5	M14x1.5	4.0	34.0	17	19	C-GZR 08 L/08 S	4.9
L			10	6	M16x1.5	M12x1.5	2.5	34.0	19	14	C-GZR 10/06 L	4.1
L/S			10	8	M16x1.5	M14x1.5	4.0	34.0	19	17	C-GZR 10/08 L	4.9
L/S			10	10	M18x1.5	M16x1.5	6.0	34.5	19	22	C-GZR 10 L/10 S	6.4
L			12	6	M18x1.5	M12x1.5	2.5	34.0	22	14	C-GZR 12/06 L	5.1
L/S			12	8	M18x1.5	M14x1.5	4.0	34.0	22	17	C-GZR 12/08 L	5.8
L/S			12	10	M18x1.5	M16x1.5	6.0	34.0	22	19	C-GZR 12/10 L	6.3
L/S			12	12	M20x1.5	M18x1.5	8.0	37.5	22	24	C-GZR 12 L/12 S	8.6
L	315	400	15	8	M22x1.5	M14x1.5	4.0	39.0	27	17	C-GZR 15/08 L	9.8
			15	10	M22x1.5	M16x1.5	6.0	39.0	27	19	C-GZR 15/10 L	10.2
			15	12	M22x1.5	M18x1.5	8.0	39.0	27	22	C-GZR 15/12 L	11.1
			18	10	M26x1.5	M16x1.5	6.0	37.5	32	19	C-GZR 18/10 L	11.8
			18	12	M26x1.5	M18x1.5	8.0	37.5	32	22	C-GZR 18/12 L	12.7
			18	15	M26x1.5	M22x1.5	10.0	39.5	32	27	C-GZR 18/15 L	15.8
L/S	18	16	M26x1.5	M24x1.5	11.0	41.5	32	30	C-GZR 18 L/16 S	17.6		
L	160	250	22	12	M30x2	M18x1.5	8.0	43.5	36	22	C-GZR 22/12 L	17.3
			22	15	M30x2	M22x1.5	10.0	43.5	36	27	C-GZR 22/15 L	19.9
			22	18	M30x2	M26x1.5	13.0	44.0	36	32	C-GZR 22/18 L	21.6
L/S	22	20	M30x2	M30x2	14.0	47.0	36	36	C-GZR 22 L/20 S	25.2		
L	28	15	M36x2	M22x1.5	10.0	47.5	41	27	C-GZR 28/15 L	23.9		
	28	18	M36x2	M26x1.5	13.0	48.0	41	32	C-GZR 28/18 L	22.9		
	28	22	M36x2	M30x2	17.0	46.0	41	36	C-GZR 28/22 L	27.4		
L/S	28	25	M36x2	M36x2	18.0	50.5	41	46	C-GZR 28 L/25 S	39.6		
L	35	18	M45x2	M26x1.5	13.0	51.0	50	32	C-GZR 35/18 L	36.2		
	35	22	M45x2	M30x2	17.0	51.0	50	36	C-GZR 35/22 L	37.0		
	35	28	M45x2	M36x2	22.0	51.0	50	41	C-GZR 35/28 L	38.7		
L/S	35	30	M45x2	M42x2	22.0	59.0	50	50	C-GZR 35 L/30 S	51.1		
L	42	22	M52x2	M30x2	17.0	55.5	60	36	C-GZR 42/22 L	53.5		
	42	28	M52x2	M36x2	22.0	55.5	60	41	C-GZR 42/28 L	54.7		
	42	35	M52x2	M45x2	28.0	56.5	60	50	C-GZR 42/35 L	58.3		
L/S	42	38	M52x2	M52x2	30.0	62.0	60	60	C-GZR 42 L/38 S	77.3		

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

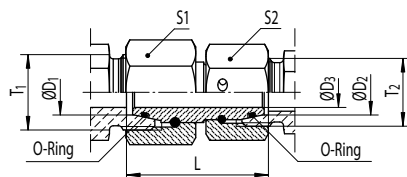


C-GZR Reducers: Straight Reducer with Swivel (S, S/L)

24° Swivel (DIN EN ISO 8434-1)



C-DA



Series	PN [bar]		ØD ₁ [mm]	ØD ₂ [mm]	T ₁	T ₂	ØD ₃ [mm]	L [mm]	S1 [mm]	S2 [mm]	Ordering Code*	kg/100
	C	CF										
S	630	800	8	6	M16x1.5	M14x1.5	2.5	34.0	19	17	C-GZR 08/06 S	4.8
			10	6	M18x1.5	M14x1.5	2.5	34.5	22	17	C-GZR 10/06 S	5.8
			10	8	M18x1.5	M16x1.5	4.0	34.5	22	19	C-GZR 10/08 S	6.4
	630	630	12	6	M20x1.5	M14x1.5	2.5	37.5	24	17	C-GZR 12/06 S	7.2
			12	8	M20x1.5	M16x1.5	4.0	37.5	24	19	C-GZR 12/08 S	7.8
			12	10	M20x1.5	M18x1.5	6.0	38.0	24	22	C-GZR 12/10 S	8.7
400	630	16	10	M24x1.5	M18x1.5	6.0	41.5	30	22	C-GZR 16/10 S	13.1	
		16	12	M24x1.5	M20x1.5	8.0	41.5	30	24	C-GZR 16/12 S	13.9	
S/L	315	400	16	15	M24x1.5	M22x1.5	10.0	41.0	30	27	C-GZR 16 S/15 L	16.0
S	315	400	20	12	M30x2	M20x1.5	8.0	47.0	36	24	C-GZR 20/12 S	19.2
			20	16	M30x2	M24x1.5	11.0	47.5	36	30	C-GZR 20/16 S	22.4
S/L	315	400	20	18	M30x2	M26x1.5	13.0	47.0	36	32	C-GZR 20 S/18 L	23.0
S	400	400	25	16	M36x2	M24x1.5	11.0	51.0	46	30	C-GZR 25/16 S	36.5
			25	20	M36x2	M30x2	14.0	51.5	46	36	C-GZR 25/20 S	38.8
S/L	160	250	25	22	M36x2	M30x2	17.0	50.5	46	36	C-GZR 25 S/22 L	38.7
S	400	400	30	16	M42x2	M24x1.5	11.0	58.5	50	30	C-GZR 30/16 S	43.5
			30	20	M42x2	M30x2	14.0	59.0	50	36	C-GZR 30/20 S	45.6
			30	25	M42x2	M36x2	18.0	60.5	50	46	C-GZR 30/25 S	57.0
S/L	160	250	30	28	M42x2	M36x2	22.0	58.0	50	41	C-GZR 30 S/28 L	46.9
S	315	400	38	20	M52x2	M30x2	14.0	61.5	60	36	C-GZR 38/20 S	62.7
			38	25	M52x2	M36x2	18.0	63.0	60	46	C-GZR 38/25 S	73.6
			38	30	M52x2	M42x2	23.0	64.5	60	50	C-GZR 38/30 S	74.7
S/L	160	250	38	35	M52x2	M45x2	28.0	61.5	60	50	C-GZR 38 S/35 L	69.1

*Replace the character "C" with "CF" when you require steel!

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

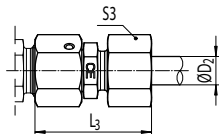
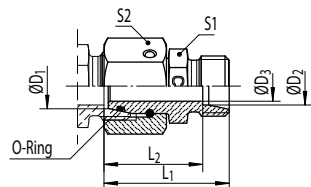


C-DA Distance Piece Adaptor

24° Swivel (DIN EN ISO 8434-1) /
24° Tube Connection (DIN EN ISO 8434-1)



C-DN



Series	PN [bar]		ØD ₁ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	S2 [mm]	Ordering Code*	kg/100
	C	CF									
L	315	500	6	2.5	43.00	36.00	51.00	12.0	14.0	C-DA 06 L OMD	0.7
			8	4.0	43.00	36.00	51.00	14.0	17.0	C-DA 08 L OMD	1.0
			10	6.0	43.00	36.00	51.00	17.0	19.0	C-DA 10 L OMD	1.0
	315	400	12	8.0	43.00	36.00	51.00	19.0	22.0	C-DA 12 L OMD	1.7
			15	10.0	43.00	36.00	51.00	24.0	27.0	C-DA 15 L OMD	2.1
			18	13.0	43.50	36.00	52.00	27.0	32.0	C-DA 18 L OMD	2.2
	160	250	22	17.0	47.50	40.00	56.00	32.0	36.0	C-DA 22 L OMD	2.7
			28	22.0	47.50	40.00	57.00	41.0	41.0	C-DA 28 L OMD	2.8
			35	28.0	60.50	50.00	72.00	46.0	50.0	C-DA 35 L OMD	2.9
			42	34.0	71.00	60.00	83.00	55.0	60.0	C-DA 42 L OMD	4.4
S	630	800	6	2.5	43.00	36.00	51.00	14.0	17.0	C-DA 06 S OMD	4.5
			8	4.0	43.00	36.00	51.00	17.0	19.0	C-DA 08 S OMD	6.0
			10	6.0	43.50	36.00	52.00	19.0	22.0	C-DA 10 S OMD	6.0
	630	630	12	8.0	43.50	36.00	52.00	22.0	24.0	C-DA 12 S OMD	6.6
			14	9.0	48.00	40.00	58.00	24.0	27.0	C-DA 14 S OMD	7.9
	400	630	16	11.0	48.50	40.00	58.00	27.0	30.0	C-DA 16 S OMD	8.5
			20	14.0	56.50	46.00	68.00	32.0	36.0	C-DA 20 S OMD	9.0
	400	400	25	18.0	62.00	50.00	74.00	41.0	46.0	C-DA 25 S OMD	13.5
			30	23.0	69.50	56.00	83.00	46.0	50.0	C-DA 30 S OMD	14.0
	250	400	38	30.0	76.00	60.00	91.00	55.0	60.0	C-DA 38 S OMD	19.8

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

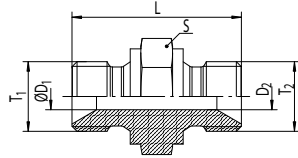


C-DN Male Stud Connector

BSPP 60° Cone End
(ISO 8434-6)



C-DNR



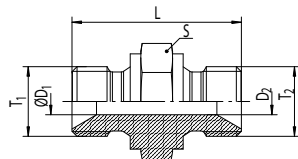
PN [bar]		T ₁	T ₂	ØD ₁ [mm]	ØD ₂ [mm]	L [mm]	S1 [mm]	Ordering Code *	kg/100
C	CF								
350	350	G1/8A	G1/8A	4	4	24	14	C-DN 1/8 x 1/8	1.5
		G1/4A	G1/4A	5	5	32	19	C-DN 1/4 x 1/4	3.5
		G3/8A	G3/8A	8	8	35	22	C-DN 3/8 x 3/8	5.2
200	200	G1/2A	G1/2A	11	11	41	27	C-DN 1/2 x 1/2	8.8
		G3/4A	G3/4A	17	17	45	32	C-DN 3/4 x 3/4	12.2
120	120	G1A	G1A	22	22	52	41	C-DN 1 x 1	21.1
105	105	G1 1/4A	G1 1/4A	29	29	61	50	C-DN 1 1/4 x 1 1/4	40.3
		G1 1/2A	G1 1/2A	33	33	67	55	C-DN 1 1/2 x 1 1/2	54.8
70	70	G2A	G2A	46	46	76	70	C-DN 2 x 2	83.3

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



C-DNR Straight Reducer

BSPP 60° Cone End
(ISO 8434-6)



PN [bar]		ØT ₁	ØT ₂	ØD ₁ [mm]	ØD ₂ [mm]	L [mm]	S1 [mm]	Ordering Code *	kg/ 100
C	CF								
350	350	G1/4A	G1/8A	5	4	28	19	C-DNR 1/4 x 1/8	2.8
		G3/8A	G1/4A	8	5	33	22	C-DNR 3/8 x 1/4	4.5
200	200	G1/2A	G1/4A	11	5	37	27	C-DNR 1/2 x 1/4	7.2
		G1/2A	G3/8A	11	8	38	27	C-DNR 1/2 x 3/8	7.6
		G3/4A	G1/4A	17	5	39	32	C-DNR 3/4 x 1/4	9.5
		G3/4A	G3/8A	17	8	41	32	C-DNR 3/4 x 3/8	10.5
		G3/4A	G1/2A	17	11	43	32	C-DNR 3/4 x 1/2	11.3
120	120	G1A	G1/2A	22	11	47	41	C-DNR 1 x 1/2	17.9
		G1A	G3/4A	22	17	49	41	C-DNR 1 x 3/4	18.9
105	105	G1 1/4A	G3/4A	29	17	57	50	C-DNR 1 1/4 x 3/4	37.1
		G1 1/4A	G1A	29	22	60	50	C-DNR 1 1/4 x 1	38.8
		G1 1/2A	G3/4A	33	17	57	55	C-DNR 1 1/2 x 3/4	42.2
		G1 1/2A	G1A	33	22	64	55	C-DNR 1 1/2 x 1	51.3
		G1 1/2A	G1 1/4A	33	29	65	55	C-DNR 1 1/2 x 1 1/4	52.6
70	70	G2A	G1 1/2A	46	33	73	70	C-DNR 2 x 1 1/2	87.4

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

REDUCER FITTINGS OVERVIEW

Straight Reducer
24° Tube Connection

**Cone-End Reducer
with Swivel**
24° Cone End /
24° Tube Connection

Tube End Reducer
24° Shaft connector - Preassembled Shaft /
24° Tube Connection

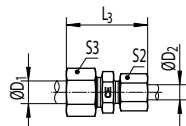
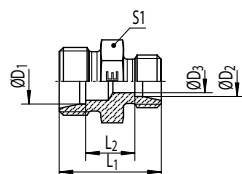
Swivel Reducer
24° Cone End /
24° Tube Connection

T-Reducer
24° Tube Connection

C-GR STRAIGHT REDUCER (LL, L)
24° Tube Connection
(DIN EN ISO 8434-1)



C-GR



Series	PN [bar]		ØD ₁ [mm]	ØD ₂ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code*	kg/100
	C	CF											
LL	100	100	6	4	3.0	20	10.5	32	11	10	12	C-GR 06/04 LL X	0.7
			8	4	3.0	22	12.5	34	12	10	14	C-GR 08/04 LL X	1.0
			8	6	4.5	22	11.0	34	12	12	14	C-GR 08/06 LL X	1.0
L	315	500	8	6	4.0	25	11.0	41	14	14	17	C-GR 08/06 L X	1.7
			10	6	4.0	26	12.0	42	17	14	19	C-GR 10/06 L X	2.1
			10	8	6.0	26	12.0	42	17	17	19	C-GR 10/08 L X	2.2
			12	6	4.0	27	13.0	43	19	14	22	C-GR 12/06 L X	2.7
			12	8	6.0	27	13.0	43	19	17	22	C-GR 12/08 L X	2.8
	315	400	12	10	8.0	28	14.0	44	19	19	22	C-GR 12/10 L X	2.9
			15	10	8.0	29	15.0	45	24	19	27	C-GR 15/10 L X	4.4
			15	12	10.0	29	15.0	45	24	22	27	C-GR 15/12 L X	4.5
			18	10	8.0	30	15.5	47	27	19	32	C-GR 18/10 L X	6.0
			18	12	10.0	30	15.5	47	27	22	32	C-GR 18/12 L X	6.0
			18	15	12.0	31	16.5	48	27	27	32	C-GR 18/15 L X	6.6
			18	18	15.0	31	16.5	48	27	32	32	C-GR 18/18 L X	6.6
	160	250	22	12	10.0	32	17.5	49	32	22	36	C-GR 22/12 L X	7.9
			22	15	12.0	33	18.5	50	32	27	36	C-GR 22/15 L X	8.5
			22	18	15.0	33	18.0	51	32	32	36	C-GR 22/18 L X	9.0
			28	18	15.0	34	19.0	52	41	32	41	C-GR 28/18 L X	13.5
			28	22	19.0	36	21.0	54	41	36	41	C-GR 28/22 L X	14.0
			35	22	19.0	39	21.0	59	46	36	50	C-GR 35/22 L X	19.8
			35	28	24.0	39	21.0	59	46	41	50	C-GR 35/28 L X	20.1
			42	35	30.0	43	21.5	66	55	50	60	C-GR 42/35 L X	31.2

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

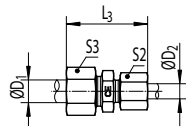
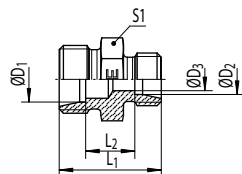


C-GR STRAIGHT REDUCER (S)

24° Tube Connection
(DIN EN ISO 8434-1)



C-TR



Series	PN [bar]		ØD ₁ [mm]	ØD ₂ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S ₁ [mm]	S ₂ [mm]	S ₃ [mm]	Ordering Code *	kg/100
	C	CF											
S	630	800	8	6	4	32	18.0	48	17	17	19	C-GR 08/06 S X	3.6
			10	6	4	32	17.5	49	19	17	22	C-GR 10/06 S X	4.2
			10	8	5	32	17.5	49	19	19	22	C-GR 10/08 S X	4.4
	630	630	12	6	4	34	19.5	51	22	17	24	C-GR 12/06 S X	5.7
			12	8	5	34	19.5	51	22	19	24	C-GR 12/08 S X	5.9
			12	10	7	34	19.0	52	22	22	24	C-GR 12/10 S X	6.0
			14	10	7	36	20.5	55	24	22	27	C-GR 14/10 S X	7.2
			14	12	8	36	20.5	55	24	24	27	C-GR 14/12 S X	7.4
	400	630	16	10	7	36	20.0	55	27	22	30	C-GR 16/10 S X	8.4
			16	12	8	36	20.0	55	27	24	30	C-GR 16/12 S X	8.6
			16	14	10	36	19.5	56	27	27	30	C-GR 16/14 S X	8.1
	400	400	20	10	7	40	22.0	60	32	22	36	C-GR 20/10 S X	13.2
			20	12	8	40	22.0	60	32	24	36	C-GR 20/12 S X	13.4
			20	16	12	42	23.0	63	32	30	36	C-GR 20/16 S X	13.8
			25	16	12	46	25.5	68	41	30	46	C-GR 25/16 S X	23.5
			25	20	16	48	25.5	71	41	36	46	C-GR 25/20 S X	24.4
			30	20	16	50	26.0	74	46	36	50	C-GR 30/20 S X	31.1
	30	25	20	52	26.5	77	46	46	50	C-GR 30/25 S X	32.7		
	250	400	38	30	25	59	29.5	87	55	50	60	C-GR 38/30 S X	53.2

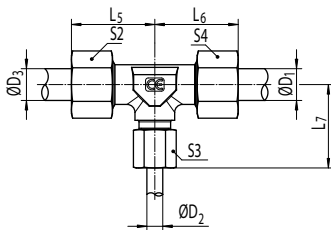
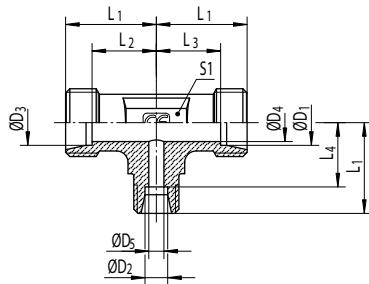
*Replace the character "C" with "CF" when you require steel!
C = Stainless Steel, 1.4571 CF = Galvanized Steel Cr(VI)-free



C-TR T-REDUCER (LL, L)
24° Tube Connection
(DIN EN ISO 8434-1)



C-TR



Series	PN [bar]		ØD ₁ [mm]	ØD ₂ [mm]	ØD ₃ [mm]	ØD ₄ [mm]	ØD ₅ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	L ₆ [mm]	L ₇ [mm]	S ₁ [mm]	S ₂ [mm]	S ₃ [mm]	S ₄ [mm]	Ordering Code *	kg/100
	C	CF																		
LL	100	100	4	8	4	3.0	6	17	13.0	13.0	11.5	23	23	23	12	10	14	10	C-TR 04/08/04 LL X	2.0
			6	4	6	4.5	3	15	9.5	9.5	11.0	21	21	21	9	12	10	12	C-TR 06/04/06 LL X	1.2
L	315	500	6	8	6	4.0	6	21	14.0	14.0	14.0	29	29	29	12	14	17	14	C-TR 06/08/06 L X	3.5
			8	6	8	6.0	4	21	14.0	14.0	14.0	29	29	29	12	17	14	17	C-TR 08/06/08 L X	3.3
			6	10	6	4.0	8	22	15.0	15.0	15.0	30	30	30	14	14	19	14	C-TR 06/10/06 L X	4.4
			8	10	8	6.0	8	22	15.0	15.0	15.0	30	30	30	14	17	19	17	C-TR 08/10/08 L X	4.6
			10	6	10	8.0	4	22	15.0	15.0	15.0	30	30	30	14	19	14	19	C-TR 10/06/10 L X	4.4
			10	8	10	8.0	6	22	15.0	15.0	15.0	30	30	30	14	19	17	19	C-TR 10/08/10 L X	4.5
			10	10	6	4.0	8	22	15.0	15.0	15.0	30	30	30	14	19	19	14	C-TR 10/10/06 L X	4.4
			8	12	8	6.0	10	24	17.0	17.0	17.0	32	32	32	17	17	22	17	C-TR 08/12/08 L X	6.2
			12	6	12	10.0	4	24	17.0	17.0	17.0	32	32	32	17	22	14	22	C-TR 12/06/12 L X	5.7
			12	8	8	6.0	6	24	17.0	17.0	17.0	32	32	32	17	22	17	17	C-TR 12/08/08 L X	6.1
			12	8	12	10.0	6	24	17.0	17.0	17.0	32	32	32	17	22	17	22	C-TR 12/08/12 L X	5.7
			12	10	10	8.0	8	24	17.0	17.0	17.0	32	32	32	17	22	19	19	C-TR 12/10/10 L X	5.7
			12	10	12	10.0	8	24	17.0	17.0	17.0	32	32	32	17	22	19	22	C-TR 12/10/12 L X	5.6
			12	12	10	8.0	10	24	17.0	17.0	17.0	32	32	32	17	22	22	19	C-TR 12/12/10 L X	5.6
	315	400	10	15	10	8.0	12	28	21.0	21.0	21.0	36	36	36	19	19	27	19	C-TR 10/15/10 L X	10.3
			12	15	12	10.0	12	28	21.0	21.0	21.0	36	36	36	19	22	27	22	C-TR 12/15/12 L X	10.0
			15	6	15	12.0	4	28	21.0	21.0	21.0	36	36	36	19	27	14	27	C-TR 15/06/15 L X	10.8
			15	10	15	12.0	8	28	21.0	21.0	21.0	36	36	36	19	27	19	27	C-TR 15/10/15 L X	10.7
			15	12	12	10.0	10	28	21.0	21.0	21.0	36	36	36	19	27	22	22	C-TR 15/12/12 L X	10.5
			15	12	15	12.0	10	28	21.0	21.0	21.0	36	36	36	19	27	22	27	C-TR 15/12/15 L X	10.6
			15	15	12	10.0	12	28	21.0	21.0	21.0	36	36	36	19	27	27	22	C-TR 15/15/12 L X	10.7
			12	18	12	10.0	15	31	24.0	24.0	23.5	39	39	40	24	22	32	22	C-TR 12/18/12 L X	15.7
			18	10	10	8.0	8	31	23.5	24.0	24.0	40	39	39	24	32	19	19	C-TR 18/10/10 L X	15.9
			18	10	18	15.0	8	31	23.5	23.5	24.0	40	40	39	24	32	19	32	C-TR 18/10/18 L X	15.3
			18	12	18	15.0	10	31	23.5	23.5	24.0	40	40	39	24	32	22	32	C-TR 18/12/18 L X	15.2
			18	15	18	15.0	12	31	23.5	23.5	24.0	40	40	39	24	32	27	32	C-TR 18/15/18 L X	15.5
			18	18	10	8.0	15	31	23.5	24.0	23.5	40	39	40	24	32	32	19	C-TR 18/18/10 L X	15.6
			160	250	22	10	22	19.0	8	35	27.5	27.5	28.0	44	44	43	27	36	19	36
22	12	22			19.0	10	35	27.5	27.5	28.0	44	44	43	27	36	22	36	C-TR 22/12/22 L X	21.0	
22	15	15			12.0	12	35	27.5	28.0	28.0	44	43	43	27	36	27	27	C-TR 22/15/15 L X	23.0	
22	15	22			19.0	12	35	27.5	27.5	28.0	44	44	43	27	36	27	36	C-TR 22/15/22 L X	21.1	
22	18	18			15.0	15	35	27.5	27.5	27.5	44	44	44	27	36	32	32	C-TR 22/18/18 L X	22.6	
22	18	22			19.0	15	35	27.5	27.5	27.5	44	44	44	27	36	32	36	C-TR 22/18/22 L X	21.1	
22	22	18			15.0	19	35	27.5	27.5	27.5	44	44	44	27	36	36	32	C-TR 22/22/18 L X	21.3	
28	10	28			24.0	8	38	30.5	30.5	31.0	47	47	46	36	41	19	41	C-TR 28/10/28 L X	34.9	
28	12	28			24.0	10	38	30.5	30.5	31.0	47	47	46	36	41	22	41	C-TR 28/12/28 L X	34.8	
28	15	28			24.0	12	38	30.5	30.5	31.0	47	47	46	36	41	27	41	C-TR 28/15/28 L X	34.6	
28	18	28	24.0	15	38	30.5	30.5	30.5	47	47	47	36	41	32	41	C-TR 28/18/28 L X	34.6			
28	22	22	19.0	19	38	30.5	30.5	30.5	47	47	47	36	41	36	36	C-TR 28/22/22 L X	35.7			
28	22	28	24.0	19	38	30.5	30.5	30.5	47	47	47	36	41	36	41	C-TR 28/22/28 L X	33.6			

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

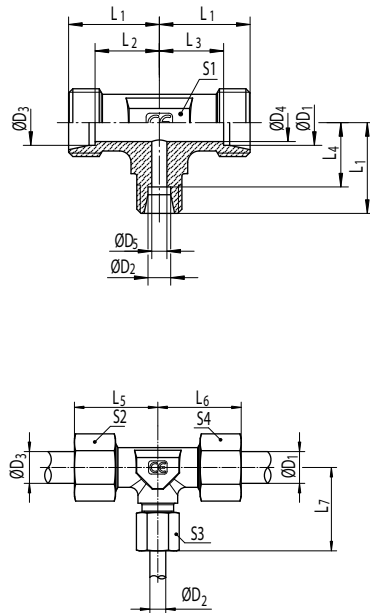


C-TR T-REDUCER (S)

24° Tube Connection
(DIN EN ISO 8434-1)



C-RED



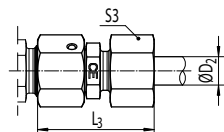
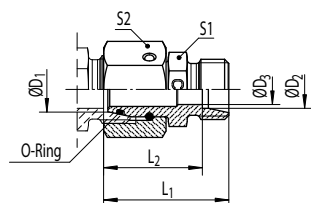
Series	PN [bar]		ØD1 [mm]	ØD2 [mm]	ØD3 [mm]	ØD4 [mm]	ØD5 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	L5 [mm]	L6 [mm]	L7 [mm]	S1 [mm]	S2 [mm]	S3 [mm]	S4 [mm]	Ordering Code *	kg/100
	C	CF																		
S	630	630	10	6	10	7	4	25	17.5	17.5	18.0	34	34	33	17	22	17	22	C-TR 10/06/10 S X	8.2
			12	8	8	5	5	29	21.5	22.0	38	37	37	17	24	19	19	C-TR 12/08/08 S X	11.5	
			12	8	12	8	5	29	21.5	21.5	38	38	37	17	24	19	24	C-TR 12/08/12 S X	11.5	
			12	10	12	8	7	29	21.5	21.5	42	38	38	17	24	22	24	C-TR 12/10/12 S X	11.4	
			12	16	12	8	12	33	25.5	25.5	24.5	43	42	43	24	24	30	24	C-TR 12/16/12 S X	19.9
			16	6	16	12	4	33	24.5	24.5	26.0	43	43	41	24	30	17	30	C-TR 16/06/16 S X	18.9
	400	630	16	8	16	12	5	33	24.5	24.5	26.0	43	43	41	24	30	19	30	C-TR 16/08/16 S X	19.1
			16	10	16	12	7	33	24.5	24.5	25.5	43	43	42	24	30	22	30	C-TR 16/10/16 S X	19.1
			16	12	16	12	8	33	24.5	24.5	25.5	43	43	42	24	30	24	30	C-TR 16/12/16 S X	19.3
			16	20	16	12	16	37	28.5	28.5	26.5	47	47	48	27	30	36	30	C-TR 16/20/16 S X	27.6
			20	10	20	16	7	37	26.5	26.5	29.5	48	48	46	27	36	22	36	C-TR 20/10/20 S X	27.4
			20	12	20	16	8	37	26.5	26.5	29.5	48	48	46	27	36	24	36	C-TR 20/12/20 S X	27.6
	400	400	20	16	20	16	12	37	26.5	26.5	28.5	48	48	47	27	36	30	36	C-TR 20/16/20 S X	27.2
			20	25	20	16	20	42	31.5	31.5	30.0	53	53	54	36	36	46	36	C-TR 20/25/20 S X	48.3
			25	16	25	20	12	42	30.0	30.0	33.5	54	54	52	36	46	30	46	C-TR 25/16/25 S X	47.6
			25	20	25	20	16	42	30.0	30.0	31.5	54	54	53	36	46	36	46	C-TR 25/20/25 S X	47.5
			25	30	25	20	25	49	37.0	37.0	35.5	61	61	62	41	46	50	46	C-TR 25/30/25 S X	73.5

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

C-RED **CONE-END REDUCER
WITH SWIVEL (L/LL, L, L/S)**
24° Swivel (DIN EN ISO 8434-1) /
24° Tube Connection (DIN EN ISO 8434-1)



C-RED



Series	PN [bar]		ØD ₁ [mm]	ØD ₂ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code*	kg/100			
	C	CF														
L/LL	100	100	6	4	2.5	28.5	24.5	34	9	14	10	C-RED 06L/04 LL OMD	1.7			
	315	500	8	6	4.0	30.5	23.5	38	12	17	14	C-RED 08/06 L OMD	3.0			
L	315	500	10	6	4.0	32.0	25.0	40	14	19	14	C-RED 10/06 L OMD	3.8			
	315	500	10	8	6.0	32.0	25.0	40	14	19	17	C-RED 10/08 L OMD	3.8			
	315	400	12	6	4.0	32.0	25.0	40	17	22	14	C-RED 12/06 L OMD	5.0			
			12	8	6.0	32.0	25.0	40	17	22	17	C-RED 12/08 L OMD	5.1			
			12	10	8.0	33.0	26.0	41	17	22	19	C-RED 12/10 L OMD	5.2			
			15	6	4.0	35.5	28.5	43	19	27	14	C-RED 15/06 L OMD	8.8			
			15	8	6.0	35.5	28.5	43	19	27	17	C-RED 15/08 L OMD	8.8			
			15	10	8.0	36.5	29.5	44	19	27	19	C-RED 15/10 L OMD	9.0			
			15	12	10.0	36.5	29.5	44	19	27	22	C-RED 15/12 L OMD	9.0			
			18	6	4.0	35.0	28.0	43	24	32	14	C-RED 18/06 L OMD	11.1			
			18	8	6.0	35.0	28.0	43	24	32	17	C-RED 18/08 L OMD	11.2			
			18	10	8.0	36.0	29.0	44	24	32	19	C-RED 18/10 L OMD	11.4			
			18	12	10.0	36.0	29.0	44	24	32	22	C-RED 18/12 L OMD	11.4			
			18	15	12.0	37.0	30.0	45	24	32	27	C-RED 18/15 L OMD	12.3			
			L/S			18	16	12.0	40.0	31.5	50	27	32	30	C-RED 18 L/16 S OMD	14.2
			L	160	250	22	6	4.0	39.0	32.0	47	27	36	14	C-RED 22/06 L OMD	15.5
22	8	6.0				39.0	32.0	47	27	36	17	C-RED 22/08 L OMD	15.6			
22	10	8.0				40.0	33.0	48	27	36	19	C-RED 22/10 L OMD	15.8			
22	12	10.0				40.0	33.0	48	27	36	22	C-RED 22/12 L OMD	15.8			
22	15	12.0				41.0	34.0	49	27	36	27	C-RED 22/15 L OMD	16.4			
L/S			22	16	12.0	43.0	34.5	53	27	36	30	C-RED 22 L/16 S OMD	19.3			
L			22	18	15.0	41.0	33.5	50	27	36	32	C-RED 22/18 L OMD	17.7			
L/S			22	20	16.0	45.0	34.5	56	32	36	36	C-RED 22 L/20 S OMD	20.5			

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

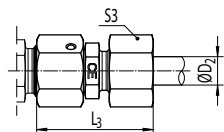
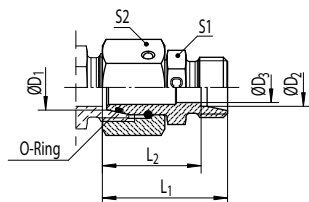


C-RED
**CONE-END REDUCER
WITH SWIVEL (L, L/S)**

24° Swivel (DIN EN ISO 8434-1) /
24° Tube Connection (DIN EN ISO 8434-1)



C-RED



Series	PN [bar]		ØD ₁ [mm]	ØD ₂ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code*	kg/100
	C	CF											
L	160	250	28	6	4	41.0	34.0	49	32	41	14	C-RED 28/06 L OMD	20.1
			28	8	6	41.0	34.0	49	32	41	17	C-RED 28/08 L OMD	20.1
			28	10	8	42.0	35.0	50	32	41	19	C-RED 28/10 L OMD	20.3
			28	12	10	42.0	35.0	50	32	41	22	C-RED 28/12 L OMD	20.3
			28	15	12	43.0	36.0	51	32	41	27	C-RED 28/15 L OMD	20.8
L/S			28	16	12	45.0	36.5	55	32	41	30	C-RED 28 L/16 S OMD	23.4
L			28	18	15	43.0	35.5	52	32	41	32	C-RED 28/18 L OMD	21.1
			28	22	19	45.0	37.5	54	32	41	36	C-RED 28/22 L OMD	22.7
L/S			28	25	20	50.0	38.0	62	41	41	46	C-RED 28 L/25 S OMD	31.3
L			35	6	4	44.0	37.0	52	41	50	14	C-RED 35/06 L OMD	30.0
	35	8	6	44.0	37.0	52	41	50	17	C-RED 35/08 L OMD	30.2		
	35	10	8	45.0	38.0	53	41	50	19	C-RED 35/10 L OMD	30.3		
	35	12	10	45.0	38.0	53	41	50	22	C-RED 35/12 L OMD	30.4		
	35	15	12	46.0	39.0	54	41	50	27	C-RED 35/15 L OMD	31.1		
	35	18	15	46.0	38.5	55	41	50	32	C-RED 35/18 L OMD	31.5		
	35	22	19	48.0	40.5	57	41	50	36	C-RED 35/22 L OMD	32.0		
	L/S	35	25	20	52.0	40.0	64	41	50	46	C-RED 35 L/25 S OMD	38.0	
	L	35	28	24	48.0	40.5	57	41	50	41	C-RED 35/28 L OMD	32.2	
	L/S	35	30	25	55.0	41.5	68	46	50	50	C-RED 35 L/30 S OMD	43.6	
L	42	10	8	48.5	41.5	56	50	60	19	C-RED 42/10 L OMD	49.4		
	42	12	10	48.5	41.5	56	50	60	22	C-RED 42/12 L OMD	49.5		
	42	15	12	49.5	42.5	58	50	60	27	C-RED 42/15 L OMD	50.1		
	42	18	15	49.5	42.0	58	50	60	32	C-RED 42/18 L OMD	50.5		
	42	22	19	51.5	44.0	60	50	60	36	C-RED 42/22 L OMD	50.8		
	42	28	24	51.5	44.0	61	50	60	41	C-RED 42/28 L OMD	50.8		

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

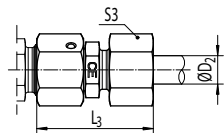
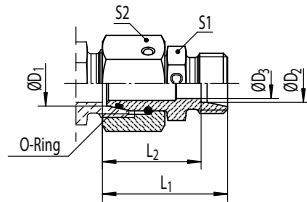


C-RED **CONE-END REDUCER
WITH SWIVEL (L/S, L, S, S/L)**

24° Swivel (DIN EN ISO 8434-1) /
24° Tube Connection (DIN EN ISO 8434-1)



C-RED



Series	PN [bar]		ØD ₁ [mm]	ØD ₂ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code*	kg/ 100
	C	CF											
L/S	160	250	42	30	25	57.5	44.0	71	50	60	50	C-RED 42 L/30 S OMD	56.4
L			42	35	30	53.5	43.0	65	50	60	50	C-RED 42/35 L OMD	52.2
L/S			42	38	32	61.5	45.5	76	55	60	60	C-RED 42 L/38 S OMD	69.2
S	630	800	8	6	4	34.0	27.0	42	14	19	17	C-RED 08/06 S OMD	4.3
			10	6	4	34.5	27.5	42	17	22	17	C-RED 10/06 S OMD	5.6
			10	8	5	34.5	27.5	42	17	22	19	C-RED 10/08 S OMD	5.9
	630	630	12	6	4	36.0	29.0	44	17	24	17	C-RED 12/06 S OMD	6.6
			12	8	5	36.0	29.0	44	17	24	19	C-RED 12/08 S OMD	6.9
			12	10	7	37.0	29.5	46	19	24	22	C-RED 12/10 S OMD	7.6
			14	6	4	38.5	31.5	46	19	27	17	C-RED 14/06 S OMD	9.5
			14	8	5	38.5	31.5	46	19	27	19	C-RED 14/08 S OMD	9.7
			14	10	7	38.5	31.0	47	19	27	22	C-RED 14/10 S OMD	9.8
			14	12	8	38.5	31.0	47	22	27	24	C-RED 14/12 S OMD	10.7
	400	630	16	6	4	39.0	32.0	47	22	30	17	C-RED 16/06 S OMD	11.4
			16	8	5	39.0	32.0	47	22	30	19	C-RED 16/08 S OMD	11.7
			16	10	7	39.0	31.6	48	22	30	22	C-RED 16/10 S OMD	11.8
			16	12	8	39.0	31.5	48	22	30	24	C-RED 16/12 S OMD	12.0
			16	14	10	41.0	33.0	51	24	30	27	C-RED 16/14 S OMD	13.2
S/L	315	400	16	15	11	39.0	32.0	47	24	30	27	C-RED 16 S/15 L OMD	12.3
S	400	400	20	6	4	43.0	36.0	51	27	36	17	C-RED 20/06 S OMD	17.0
			20	8	5	43.0	36.0	51	27	36	19	C-RED 20/08 S OMD	17.2
			20	10	7	43.0	35.5	52	27	36	22	C-RED 20/10 S OMD	17.4
			20	12	8	43.0	35.5	52	27	36	24	C-RED 20/12 S OMD	17.6
			20	14	10	45.0	37.0	55	27	36	27	C-RED 20/14 S OMD	18.1
S/L	315	400	20	15	12	43.0	36.0	51	27	36	27	C-RED 20 S/15 L OMD	18.1
S	400	400	20	16	12	45.0	36.5	55	27	36	30	C-RED 20/16 S OMD	18.9
S/L	315	400	20	18	14	43.0	35.5	52	27	36	32	C-RED 20 S/18 L OMD	17.9

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



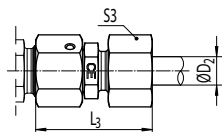
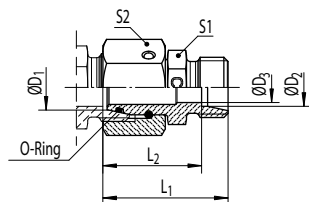
C-RED

CONE-END REDUCER WITH SWIVEL (L/S, L, S, S/L)

24° Swivel (DIN EN ISO 8434-1) /
24° Tube Connection (DIN EN ISO 8434-1)



C-KOR



Series	PN [bar]		ØD ₁ [mm]	ØD ₂ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code*	kg/ 100
	C	CF											
S	400	400	25	6	4	45.5	38.5	53	32	46	17	C-RED 25/06 S OMD	30.6
			25	8	5	45.5	38.5	53	32	46	19	C-RED 25/08 S OMD	30.8
			25	10	7	45.5	38.0	54	32	46	22	C-RED 25/10 S OMD	31.0
			25	12	8	45.5	38.0	54	32	46	24	C-RED 25/12 S OMD	31.2
			25	14	10	47.5	39.5	57	32	46	27	C-RED 25/14 S OMD	31.8
			25	16	12	47.5	39.0	57	32	46	30	C-RED 25/16 S OMD	31.9
S/L	315	400	25	18	15	45.5	38.0	54	32	46	32	C-RED 25 S/18 L OMD	31.4
S	400	400	25	20	16	49.5	39.0	61	32	46	36	C-RED 25/20 S OMD	34.2
S/L	160	250	25	22	18	47.5	40.0	56	32	46	36	C-RED 25 S/22 L OMD	32.0
S	400	400	30	6	4	51.0	44.0	59	41	50	17	C-RED 30/06 S OMD	39.4
			30	8	5	51.0	44.0	59	41	50	19	C-RED 30/08 S OMD	39.6
			30	10	7	51.0	43.5	60	41	50	22	C-RED 30/10 S OMD	39.7
			30	12	8	51.0	43.5	60	41	50	24	C-RED 30/12 S OMD	40.0
			30	14	10	53.0	45.0	63	41	50	27	C-RED 30/14 S OMD	40.5
			30	16	12	53.0	44.5	63	41	50	30	C-RED 30/16 S OMD	40.6
			30	20	16	55.0	44.5	66	41	50	36	C-RED 30/20 S OMD	41.9
S/L	160	250	30	22	19	53.0	45.5	61	41	50	36	C-RED 30 S/22 L OMD	40.3
S	400	400	30	25	20	57.0	45.0	69	41	50	46	C-RED 30/25 S OMD	45.8
S/L	160	250	30	28	23	53.0	45.5	62	41	50	41	C-RED 30 S/28 L OMD	40.6
S	315	400	38	6	4	54.5	47.5	62	50	60	17	C-RED 38/06 S OMD	57.4
			38	8	5	54.5	47.5	62	50	60	19	C-RED 38/08 S OMD	57.7
			38	10	7	54.5	47.0	63	50	60	22	C-RED 38/10 S OMD	57.9
			38	12	8	54.5	47.0	63	50	60	24	C-RED 38/12 S OMD	58.1
			38	14	10	56.5	48.5	66	50	60	27	C-RED 38/14 S OMD	58.7
			38	16	12	56.5	48.0	68	50	60	30	C-RED 38/16 S OMD	58.9
			38	20	16	58.5	48.0	70	50	60	36	C-RED 38/20 S OMD	60.3
			38	25	20	60.5	48.5	73	50	60	46	C-RED 38/25 S OMD	62.4
S/L	160	250	38	28	24	56.5	49.0	66	50	60	41	C-RED 38 S/28 L OMD	59.1
S	315	400	38	30	25	62.5	49.0	76	50	60	50	C-RED 38/30 S OMD	64.6
S/L	160	250	38	35	30	58.5	48.0	70	50	60	50	C-RED 38 S/35 L OMD	60.7

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

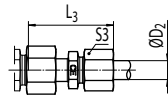
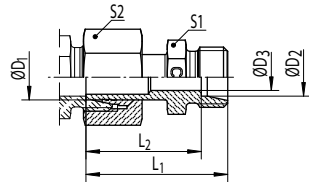


C-KOR CONE-END REDUCER WITH SWIVEL (L)

24° Shaft connector - Preassembled Shaft /
24° Tube Connection (DIN EN ISO 8434-1)



C-KOR
(L)



Series	PN [bar]		ØD ₁ [mm]	ØD ₂ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code*	kg/ 100
	C	CF											
L	315	315	8	6	4	33.5	26.5	41	12	17	14	C-KOR 08/06 L OMD	3.1
			10	6	4	34.5	27.5	42	12	19	14	C-KOR 10/06 L OMD	3.6
			10	8	6	35.5	28.5	43	14	19	17	C-KOR 10/08 L OMD	4.0
			12	6	4	36.5	29.5	44	14	22	14	C-KOR 12/06 L OMD	4.9
			12	8	6	36.5	29.5	44	14	22	17	C-KOR 12/08 L OMD	4.9
			12	10	8	37.5	30.5	45	17	22	19	C-KOR 12/10 L OMD	5.5
			15	6	4	37.0	30.0	45	17	27	14	C-KOR 15/06 L OMD	7.6
			15	8	6	37.0	30.0	45	17	27	17	C-KOR 15/08 L OMD	7.6
			15	10	8	38.0	31.0	46	17	27	19	C-KOR 15/10 L OMD	7.7
			15	12	10	39.0	32.0	47	19	27	22	C-KOR 15/12 L OMD	8.4
			18	6	4	37.5	30.5	45	19	32	14	C-KOR 18/06 L OMD	10.7
			18	8	6	37.5	30.5	45	19	32	17	C-KOR 18/08 L OMD	10.7
	18	10	8	38.5	31.5	46	19	32	19	C-KOR 18/10 L OMD	10.8		
	18	12	10	38.5	31.5	46	19	32	22	C-KOR 18/12 L OMD	10.8		
	18	15	12	39.5	32.5	48	24	32	27	C-KOR 18/15 L OMD	12.8		
	160	160	22	6	4	38.5	31.5	46	24	36	14	C-KOR 22/06 L OMD	14.5
			22	8	6	38.5	31.5	46	24	36	17	C-KOR 22/08 L OMD	14.6
			22	10	8	39.5	32.5	47	24	36	19	C-KOR 22/10 L OMD	14.7
22			12	10	39.5	32.5	47	24	36	22	C-KOR 22/12 L OMD	14.7	
22			15	12	40.5	33.5	49	24	36	27	C-KOR 22/15 L OMD	15.3	
22			18	15	41.5	34.0	50	27	36	32	C-KOR 22/18 L OMD	17.4	

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C = Stainless Steel, 1.4571 CF = Galvanized Steel Cr(VI)-free

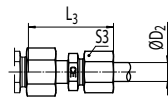
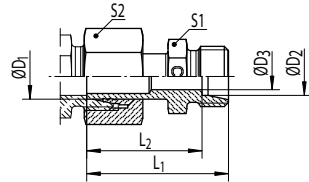


C-KOR CONE-END REDUCER WITH SWIVEL (L)

24° Shaft connector - Preassembled Shaft /
24° Tube Connection (DIN EN ISO 8434-1)



C-KOR
(S)



Series	PN [bar]		ØD ₁ [mm]	ØD ₂ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code*	kg/ 100
	C	CF											
L	160	160	28	6	4	41.0	34.0	49	30	41	14	C-KOR 28/06 L OMD	18.9
			28	8	6	41.0	34.0	49	30	41	17	C-KOR 28/08 L OMD	18.9
			28	10	8	42.0	35.0	50	30	41	19	C-KOR 28/10 L OMD	19.1
			28	12	10	42.0	35.0	50	30	41	22	C-KOR 28/12 L OMD	19.1
			28	15	12	43.0	36.0	51	30	41	27	C-KOR 28/15 L OMD	19.7
			28	18	15	43.0	35.5	52	30	41	32	C-KOR 28/18 L OMD	20.0
			28	22	19	45.0	37.5	54	32	41	36	C-KOR 28/22 L OMD	20.7
			35	6	4	48.5	41.5	56	36	50	14	C-KOR 35/06 L OMD	30.1
			35	8	6	48.5	41.5	56	36	50	17	C-KOR 35/08 L OMD	30.1
			35	10	8	49.5	42.5	57	36	50	19	C-KOR 35/10 L OMD	30.3
			35	12	10	49.5	42.5	57	36	50	22	C-KOR 35/12 L OMD	30.3
			35	15	12	50.5	43.5	59	36	50	27	C-KOR 35/15 L OMD	30.9
			35	18	15	50.5	43.0	59	36	50	32	C-KOR 35/18 L OMD	31.3
			35	22	19	52.5	45.0	61	36	50	36	C-KOR 35/22 L OMD	31.5
			35	28	24	52.5	45.0	62	41	50	41	C-KOR 35/28 L OMD	33.5
			42	10	8	52.5	45.5	60	46	60	19	C-KOR 42/10 L OMD	47.4
			42	12	10	52.5	45.5	60	46	60	22	C-KOR 42/12 L OMD	47.5
			42	15	12	53.5	46.5	62	46	60	27	C-KOR 42/15 L OMD	48.1
			42	18	15	53.5	46.0	62	46	60	32	C-KOR 42/18 L OMD	48.5
			42	22	19	55.5	48.0	64	46	60	36	C-KOR 42/22 L OMD	48.8
42	28	24	55.5	48.0	65	46	60	41	C-KOR 42/28 L OMD	48.8			
42	35	30	57.5	47.0	69	46	60	50	C-KOR 42/35 L OMD	50.1			

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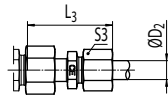
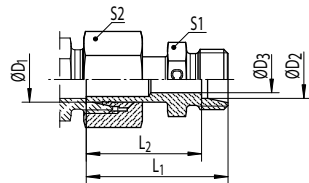


C-KOR CONE-END REDUCER WITH SWIVEL (S)

24° Shaft connector - Preassembled Shaft /
24° Tube Connection (DIN EN ISO 8434-1)



C-KOR
(S)



Series	PN [bar]		ØD ₁ [mm]	ØD ₂ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code*	kg/ 100
	C	CF											
S	630	630	8	6	4	36.5	29.5	44	14	19	17	C-KOR 08/06 S OMD	4.4
			10	6	4	38.5	31.5	46	14	22	17	C-KOR 10/06 S OMD	6.1
			10	8	5	38.5	31.5	46	17	22	19	C-KOR 10/08 S OMD	6.5
			12	6	4	38.5	31.5	46	14	24	17	C-KOR 12/06 S OMD	6.7
			12	8	5	38.5	31.5	46	17	24	19	C-KOR 12/08 S OMD	7.3
			12	10	7	39.5	32.0	48	19	24	22	C-KOR 12/10 S OMD	7.8
			14	6	4	40.5	33.5	48	17	27	17	C-KOR 14/06 S OMD	9.5
			14	8	5	40.5	33.5	48	17	27	19	C-KOR 14/08 S OMD	9.7
			14	10	7	41.5	34.0	50	19	27	22	C-KOR 14/10 S OMD	10.2
	14	12	8	41.5	34.0	50	22	27	24	C-KOR 14/12 S OMD	11.2		
	16	6	4	41.0	34.0	49	17	30	17	C-KOR 16/06 S OMD	11.2		
	16	8	5	41.0	34.0	49	17	30	19	C-KOR 16/08 S OMD	11.4		
	16	10	7	42.0	34.5	51	19	30	22	C-KOR 16/10 S OMD	12.0		
	16	12	8	42.0	34.5	51	22	30	24	C-KOR 16/12 S OMD	12.7		
	16	14	10	44.0	36.0	54	24	30	27	C-KOR 16/14 S OMD	13.8		
	20	6	4	46.0	39.0	54	22	36	17	C-KOR 20/06 S OMD	17.3		
	20	8	5	46.0	39.0	54	22	36	19	C-KOR 20/08 S OMD	17.5		
	20	10	7	46.0	38.5	55	22	36	22	C-KOR 20/10 S OMD	17.6		
20	12	8	46.0	38.5	55	22	36	24	C-KOR 20/12 S OMD	17.8			
20	14	10	48.0	40.0	58	24	36	27	C-KOR 20/14 S OMD	18.7			
20	16	12	49.0	40.5	59	27	36	30	C-KOR 20/16 S OMD	19.8			

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C = Stainless Steel, 1.4571 CF = Galvanized Steel Cr(VI)-free

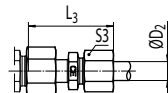
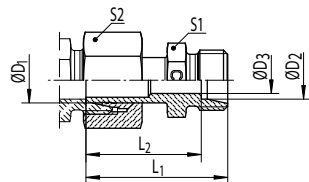


C-KOR CONE-END REDUCER WITH SWIVEL (S)

24° Shaft connector - Preassembled Shaft /
24° Tube Connection (DIN EN ISO 8434-1)



C-KOVO



Series	PN [bar]		ØD ₁ [mm]	ØD ₂ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code*	kg/100
	C	CF											
S	400	400	25	6	4	50.5	43.5	58	27	46	17	C-KOR 25/06 S OMD	32.5
			25	8	5	50.5	43.5	58	27	46	19	C-KOR 25/08 S OMD	32.7
			25	10	7	50.5	43.0	59	27	46	22	C-KOR 25/10 S OMD	32.8
			25	12	8	50.5	43.0	59	27	46	24	C-KOR 25/12 S OMD	33.0
			25	14	10	52.5	44.5	62	27	46	27	C-KOR 25/14 S OMD	33.5
			25	16	12	52.5	44.0	62	27	46	30	C-KOR 25/16 S OMD	33.5
			25	20	16	54.5	44.0	66	32	46	36	C-KOR 25/20 S OMD	37.3
			30	6	4	53.0	46.0	61	32	50	17	C-KOR 30/06 S OMD	37.2
			30	8	5	53.0	46.0	64	32	50	19	C-KOR 30/08 S OMD	37.4
			30	10	7	53.0	45.5	62	32	50	22	C-KOR 30/10 S OMD	37.5
	30	12	8	53.0	45.5	62	32	50	24	C-KOR 30/12 S OMD	37.8		
	30	14	10	55.0	47.0	64	32	50	27	C-KOR 30/14 S OMD	38.3		
	30	16	12	55.0	46.5	65	32	50	30	C-KOR 30/16 S OMD	38.4		
	30	20	16	57.0	46.5	68	32	50	36	C-KOR 30/20 S OMD	39.6		
	30	25	20	60.0	48.0	72	41	50	46	C-KOR 30/25 S OMD	48.0		
	38	6	4	60.0	53.0	68	41	60	17	C-KOR 38/06 S OMD	58.4		
	38	8	5	60.0	53.0	68	41	60	19	C-KOR 38/08 S OMD	58.6		
	38	10	7	60.0	52.5	69	41	60	22	C-KOR 38/10 S OMD	58.8		
	38	12	8	60.0	52.5	69	41	60	24	C-KOR 38/12 S OMD	59.0		
	38	14	10	62.0	54.0	72	41	60	27	C-KOR 38/14 S OMD	59.5		
38	16	12	62.0	53.5	72	41	60	30	C-KOR 38/16 S OMD	59.6			
38	20	16	64.0	53.5	75	41	60	36	C-KOR 38/20 S OMD	60.9			
38	25	20	66.0	54.0	78	41	60	46	C-KOR 38/25 S OMD	62.8			
38	30	25	69.0	55.5	82	46	60	50	C-KOR 38/30 S OMD	68.2			

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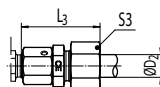
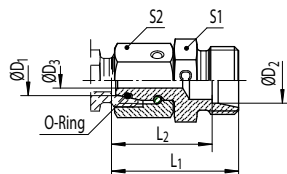


C-KOVO SWIVEL REDUCER

24° Swivel (DIN EN ISO 8434-1) /
24° Tube Connection (DIN EN ISO 8434-1)



C-KOVO



Series	PN [bar]		ØD ₁ [mm]	ØD ₂ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code*	kg/100
	C	CF											
L	315	500	6	8	2.5	31.5	24.5	39.5	14	14	17	C-KOVO 06/08 L OMD	2.6
L/S	315	500	6	8	2.5	33.5	26.5	41.5	17	14	19	C-KOVO 06 L/08 S OMD	3.5
L	315	500	6	10	2.5	32.5	25.5	40.5	17	14	19	C-KOVO 06/10 L OMD	3.0
L/S	315	500	6	10	2.5	34.5	27.0	43.5	19	14	22	C-KOVO 06 L/10 S OMD	4.1
L	315	400	6	12	2.5	33.5	26.5	41.5	19	14	22	C-KOVO 06/12 L OMD	3.6
L/S	315	500	6	12	2.5	34.5	27.0	43.5	22	14	24	C-KOVO 06 L/12 S OMD	4.9
	315	500	6	14	2.5	36.5	28.5	46.5	24	14	27	C-KOVO 06 L/14 S OMD	5.8
L	315	400	6	15	2.5	34.5	27.5	42.5	24	14	27	C-KOVO 06/15 L OMD	5.2
	315	500	8	10	4.0	32.5	25.5	40.5	17	17	19	C-KOVO 08/10 L OMD	3.8
L/S	315	500	8	10	4.0	34.5	27.0	43.5	19	17	22	C-KOVO 08 L/10 S OMD	4.8
L	315	400	8	12	4.0	33.5	26.5	41.5	19	17	22	C-KOVO 08/12 L OMD	4.3
L/S	315	500	8	12	4.0	34.5	27.0	43.5	22	17	24	C-KOVO 08 L/12 S OMD	5.6
	315	500	8	14	4.0	36.5	28.5	46.5	24	17	27	C-KOVO 08 L/14 S OMD	6.6
L	315	400	8	15	4.0	34.5	27.5	42.5	24	17	27	C-KOVO 08/15 L OMD	5.8
L/S	315	500	10	10	6.0	34.0	26.5	43.0	19	19	22	C-KOVO 10 L/10 S OMD	5.2
L	315	400	10	12	6.0	33.0	26.0	41.0	19	19	22	C-KOVO 10/12 L OMD	4.6
L/S	315	500	10	12	6.0	34.0	26.5	43.0	22	19	24	C-KOVO 10 L/12 S OMD	5.8
	315	500	10	14	6.0	36.0	28.0	46.0	24	19	27	C-KOVO 10 L/14 S OMD	6.7
L	315	400	10	15	6.0	34.0	27.0	42.0	24	19	27	C-KOVO 10/15 L OMD	6.0
L/S	315	500	10	16	6.0	37.0	28.5	47.0	27	19	30	C-KOVO 10 L/16 S OMD	7.9
L	315	400	10	18	6.0	35.0	27.5	44.0	27	19	32	C-KOVO 10/18 L OMD	7.5
L/S	315	400	12	12	8.0	34.0	26.5	43.0	22	22	24	C-KOVO 12 L/12 S OMD	6.7
	315	400	12	14	8.0	36.0	28.0	46.0	24	22	27	C-KOVO 12 L/14 S OMD	7.6
L	315	400	12	15	8.0	34.0	27.0	42.0	24	22	27	C-KOVO 12/15 L OMD	6.9
L/S	315	400	12	16	8.0	37.0	28.5	47.0	27	22	30	C-KOVO 12 L/16 S OMD	8.8
L	315	400	12	18	8.0	35.0	27.5	44.0	27	22	32	C-KOVO 12/18 L OMD	8.3

*Replace the character "C" with "CF" when you require steel!

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

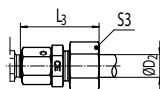
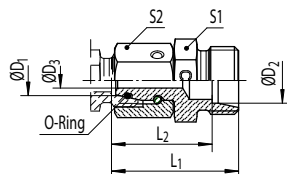


C-KOVO SWIVEL REDUCER

24° Swivel (DIN EN ISO 8434-1) /
24° Tube Connection (DIN EN ISO 8434-1)



C-KOVO



Series	PN [bar]		ØD ₁ [mm]	ØD ₂ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code*	kg/100
	C	CF											
L/S	315	400	12	20	8.0	39.0	28.5	50.0	32	22	36	C-KOVO 12 L/20 S OMD	11.5
L	160	250	12	22	8.0	37.0	29.5	46.0	32	22	36	C-KOVO 12/22 L OMD	10.2
L/S	315	400	15	16	10.0	38.5	30.0	48.5	27	27	30	C-KOVO 15 L/16 S OMD	11.5
L	315	400	15	18	10.0	36.5	29.0	45.5	27	27	32	C-KOVO 15/18 L OMD	11.1
L/S	315	400	15	20	10.0	40.5	30.0	51.5	32	27	36	C-KOVO 15 L/20 S OMD	14.0
L	160	250	15	22	10.0	38.5	31.0	47.5	32	27	36	C-KOVO 15/22 L OMD	12.6
L/S	315	400	15	25	10.0	43.5	31.5	55.5	41	27	46	C-KOVO 15 L/25 S OMD	19.1
L	160	250	15	28	10.0	39.5	32.0	48.5	41	27	41	C-KOVO 15/28 L OMD	15.9
L/S	315	400	18	20	12.0	42.0	31.5	53.0	32	32	36	C-KOVO 18 L/20 S OMD	17.1
L	160	250	18	22	12.0	40.0	32.5	49.0	32	32	36	C-KOVO 18/22 L OMD	15.7
L/S	315	400	18	25	12.0	45.0	33.0	57.0	41	32	46	C-KOVO 18 L/25 S OMD	23.5
L	160	250	18	28	12.0	41.0	33.5	50.0	41	32	41	C-KOVO 18/28 L OMD	20.3
L/S	315	400	18	30	12.0	48.0	34.5	61.0	46	32	50	C-KOVO 18 L/30 S OMD	29.6
L	160	250	18	35	12.0	44.0	33.5	55.0	46	32	50	C-KOVO 18/35 L OMD	26.4
L/S	160	250	22	25	16.0	46.0	34.0	58.0	41	36	46	C-KOVO 22 L/25 S OMD	24.9
L	160	250	22	28	16.0	42.0	34.5	51.0	41	36	41	C-KOVO 22/28 L OMD	21.8
L/S	160	250	22	30	17.0	49.0	35.5	62.0	46	36	50	C-KOVO 22 L/30 S OMD	30.0
L	160	250	22	35	16.0	45.0	34.5	56.0	46	36	50	C-KOVO 22/35 L OMD	27.3
L/S	160	250	22	38	17.0	53.0	37.0	68.0	55	36	60	C-KOVO 22 L/38 S OMD	43.0
L	160	250	22	42	16.0	47.0	36.0	59.0	55	36	60	C-KOVO 22/42 L OMD	35.6
L/S	160	250	28	30	22.0	49.5	36.0	62.5	46	41	50	C-KOVO 28 L/30 S OMD	33.1
L	160	250	28	35	22.0	45.5	35.0	56.5	46	41	50	C-KOVO 28/35 L OMD	29.7
L/S	160	250	28	38	22.0	53.5	37.5	68.5	55	41	60	C-KOVO 28 L/38 S OMD	47.3
L	160	250	28	42	22.0	47.5	36.5	59.5	55	41	60	C-KOVO 28/42 L OMD	39.0
L/S	160	250	35	38	28.0	57.5	41.5	72.5	55	50	60	C-KOVO 35 L/38 S OMD	52.9
L	160	250	35	42	28.0	51.5	40.5	63.5	55	50	60	C-KOVO 35/42 L OMD	44.8

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

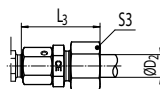
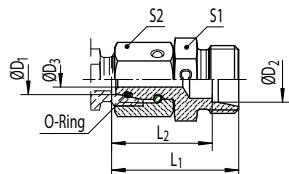


C-KOVO SWIVEL REDUCER

24° Swivel (DIN EN ISO 8434-1) /
24° Tube Connection (DIN EN ISO 8434-1)



C-KOVO



Series	PN [bar]		ØD ₁ [mm]	ØD ₂ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code*	kg/100
	C	CF											
S/L	315	500	8	10	4.0	33.0	26.0	41.0	17	19	19	C-KOVO 08 S/10 L OMD	4.4
S	630	800	8	10	4.0	35.0	27.5	44.0	19	19	22	C-KOVO 08/10 S OMD	5.5
S/L	315	400	8	12	4.0	34.0	27.0	42.0	19	19	22	C-KOVO 08 S/12 L OMD	4.9
S	630	630	8	12	4.0	35.0	27.5	44.0	22	19	24	C-KOVO 08/12 S OMD	6.2
	630	630	8	14	4.0	37.0	29.0	47.0	24	19	27	C-KOVO 08/14 S OMD	7.1
S/L	315	400	8	15	4.0	35.0	28.0	43.0	24	19	27	C-KOVO 08 S/15 L OMD	6.4
S	400	630	8	16	4.0	38.0	29.5	48.0	27	19	30	C-KOVO 08/16 S OMD	8.4
S/L	315	400	10	12	6.0	34.5	27.5	42.5	19	22	22	C-KOVO 10 S/12 L OMD	5.9
S	400	630	10	12	6.0	35.5	28.0	44.5	22	22	24	C-KOVO 10/12 S OMD	7.2
	630	630	10	14	6.0	37.5	29.5	47.5	24	22	27	C-KOVO 10/14 S OMD	8.1
S/L	315	400	10	15	6.0	35.5	28.5	43.5	24	22	27	C-KOVO 10 S/15 L OMD	7.4
S	400	630	10	16	6.0	38.5	30.0	48.5	27	22	30	C-KOVO 10/16 S OMD	9.3
S/L	315	400	10	18	6.0	36.5	29.0	45.5	27	22	32	C-KOVO 10 S/18 L OMD	8.9
S	400	400	10	20	6.0	40.5	30.0	51.5	32	22	36	C-KOVO 10/20 S OMD	12.2
S/L	160	250	10	22	6.0	38.5	31.0	47.5	32	22	36	C-KOVO 10 S/22 L OMD	10.9
S	630	630	12	14	7.0	38.0	30.0	48.0	24	24	27	C-KOVO 12/14 S OMD	9.0
S/L	315	400	12	15	8.0	36.0	29.0	44.0	24	24	27	C-KOVO 12 S/15 L OMD	8.1
S	400	630	12	16	8.0	39.0	30.5	49.0	27	24	30	C-KOVO 12/16 S OMD	9.9
S/L	315	400	12	18	8.0	37.0	29.5	46.0	27	24	32	C-KOVO 12 S/18 L OMD	9.5
S	400	400	12	20	7.0	41.0	30.5	52.0	32	24	36	C-KOVO 12/20 S OMD	12.9
S/L	160	250	12	22	8.0	39.0	31.5	48.0	32	24	36	C-KOVO 12 S/22 L OMD	11.3
	315	400	14	15	9.0	38.0	31.0	46.0	24	27	27	C-KOVO 14 S/15 L OMD	10.5
S	400	630	14	16	9.0	41.0	32.5	51.0	27	27	30	C-KOVO 14/16 S OMD	12.4
S/L	315	400	14	18	9.0	39.0	31.5	48.0	27	27	32	C-KOVO 14 S/18 L OMD	12.0
S	400	400	14	20	9.0	43.0	32.5	54.0	32	27	36	C-KOVO 14/20 S OMD	15.2
L	160	250	35	42	28.0	40.5	51.5	63.5	55	60	60	C-KOVO 35/42 L OMD	44.8

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

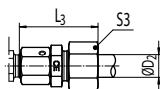
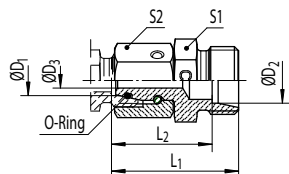


C-KOVO SWIVEL REDUCER

24° Swivel (DIN EN ISO 8434-1) /
24° Tube Connection (DIN EN ISO 8434-1)



Tube to Female and Pressure Gauge Adaptors Overview



Series	PN [bar]		ØD ₁ [mm]	ØD ₂ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code*	kg/100
	C	CF											
S/L	160	250	14	22	9.0	41.0	33.5	50.0	32	27	36	C-KOVO 14 S/22 L OMD	13.9
S	400	400	14	25	9.0	46.0	34.0	58.0	41	27	46	C-KOVO 14/25 S OMD	21.4
S/L	315	400	16	18	11.0	39.5	32.0	48.5	27	30	32	C-KOVO 16 S/18 L OMD	13.5
S	315	400	16	20	11.0	43.5	33.0	54.5	32	30	36	C-KOVO 16/20 S OMD	16.6
S/L	160	250	16	22	11.0	41.5	34.0	50.5	32	30	36	C-KOVO 16 S/22 L OMD	15.2
S	400	400	16	25	11.0	46.5	34.5	58.5	41	30	46	C-KOVO 16/25 S OMD	22.7
S/L	160	250	16	28	11.0	42.5	35.0	51.5	41	30	41	C-KOVO 16 S/28 L OMD	19.5
S	400	400	16	30	11.0	49.5	36.0	62.5	46	30	50	C-KOVO 16/30 S OMD	29.0
S/L	160	250	16	35	11.0	45.5	35.0	56.5	46	30	50	C-KOVO 16 S/35 L OMD	25.5
	160	250	20	22	14.0	45.0	37.5	54.0	32	36	36	C-KOVO 20 S/22 L OMD	19.7
S	400	400	20	25	14.0	50.0	38.0	62.0	41	36	46	C-KOVO 20/25 S OMD	39.7
S/L	160	250	20	28	14.0	46.0	38.5	55.0	41	36	41	C-KOVO 20 S/28 L OMD	24.2
S	400	400	20	30	14.0	53.0	39.5	66.0	46	36	50	C-KOVO 20/30 S OMD	33.6
S/L	160	250	20	35	14.0	49.0	38.5	60.0	46	36	50	C-KOVO 20 S/35 L OMD	30.0
S	315	400	20	38	14.0	57.0	41.0	72.0	55	36	60	C-KOVO 20/38 S OMD	47.8
S/L	160	250	20	42	14.0	51.0	40.0	63.0	55	36	60	C-KOVO 20 S/42 L OMD	39.9
			25	28	18.0	48.0	40.5	57.0	41	46	41	C-KOVO 25 S/28 L OMD	35.9
S	400	400	25	30	18.0	55.0	41.5	68.0	46	46	50	C-KOVO 25/30 S OMD	45.0
S/L	160	250	25	35	18.0	51.5	41.0	62.5	46	46	50	C-KOVO 25 S/35 L OMD	42.2
S	315	400	25	38	18.0	59.0	43.0	74.0	55	46	60	C-KOVO 25/38 S OMD	59.0
S/L	160	250	25	42	18.0	53.0	42.0	65.0	55	46	60	C-KOVO 25 S/42 L OMD	51.1
			30	35	23.0	54.5	44.0	65.5	46	50	50	C-KOVO 30 S/35 L OMD	45.0
S	315	400	30	38	23.0	62.5	46.5	77.5	55	50	60	C-KOVO 30/38 S OMD	62.5
S/L	160	250	30	42	23.0	56.5	45.5	68.5	55	50	60	C-KOVO 30 S/42 L OMD	54.3
			38	42	30.0	60.5	49.5	72.5	55	60	60	C-KOVO 38 S/42 L OMD	67.6

*Replace the character "C" with "CF" when you require steel!

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

TUBE TO FEMALE AND PRESSURE GAUGE ADAPTORS 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

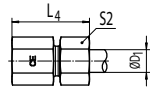
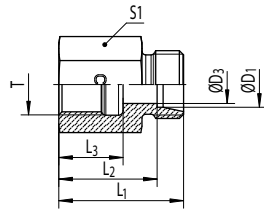
Female Connector
Female NPT Thread /
24° Tube Connector

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



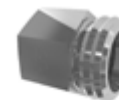
Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code*	kg/100
	C	CF											
L	315	315	6	M10x1	4	26.5	19.5	12.5	34.5	14	14	C-GAI 06 LM X	2.0
			8	M12x1.5	6	31.0	24.0	17.0	39.0	17	17	C-GAI 08 LM X	3.3
			10	M14x1.5	8	32.0	25.0	17.0	40.0	19	19	C-GAI 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
	160	160	18	M22x1.5	15	37.0	29.5	19.0	46.0	30	32	C-GAI 18 LM X	11.3
			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

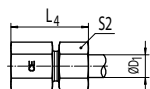
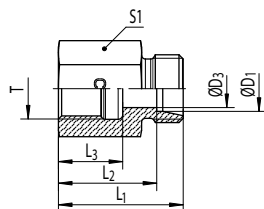


C-GAI-R Female Connectors

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



C-GAI-NPT



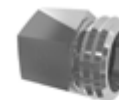
Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S1 [mm]	S2 [mm]	Ordering Code*	kg/100
	C	CF											
L	315	315	6	G1/8	4	26.0	19.0	12.0	34.0	14	14	C-GAI 06 LR X	1.9
			6	G1/4	4	31.0	24.0	17.0	39.0	19	14	C-GAI 06 LR 1/4 X	3.9
			8	G1/4	6	31.0	24.0	17.0	39.0	19	17	C-GAI 08 LR 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
			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
			160	160	35	G1 1/4	30	51.5	41.0	26.5	62.5	55	50
42	G1 1/2	36			53.5	42.5	28.5	65.5	60	60	C-GAI 42 LR X	52.2	
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	
S	400	400	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
			20	G3/4	16	45.0	34.5	22.0	56.0	36	36	C-GAI 20 SR X	19.0
315	315	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	

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

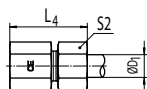
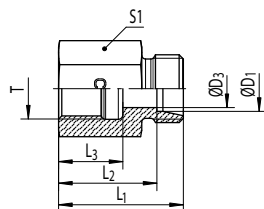


C-GAI-NPT Female Connector

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



C-MAV-R



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S1 [mm]	S2 [mm]	Ordering Code*	kg/100			
	C	CF														
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			
	160	160	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			
			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			
315	315	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			
		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	

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

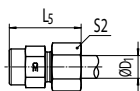
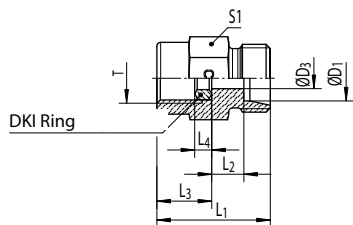


C-MAV-R Pressure Gauge Connector

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



C-MAVE



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	L ₅ [mm]	S1 [mm]	S2 [mm]	Ordering Code*	kg/100
	C	CF												
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
			6	G1/4	2.5	29	7.5	14.5	4.5	37	19	14	C-MAV 06 LR OMD	3.8
L	315	315	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
			6	G1/2	3.5	38	11	20	5.0	46	27	17	C-MAV 06 SR OMD	9.0
S	630	630	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

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

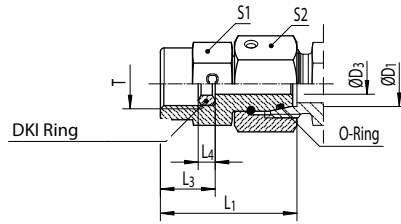


C-MAVE Pressure Gauge Swivel Connector

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



Reducing / Expanding
Male Stud Connectors
Overview



Series	PN [bar]		ØD ₁ [mm]	T	ØD ₃ [mm]	L ₁ [mm]	L ₃ [mm]	L ₄ [mm]	S1 [mm]	S2 [mm]	Ordering Code*	kg/100
	C	CF										
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			

*Replace the character "C" with "CF" when you require steel!

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

THREAD REDUCER/EXPANDER STUDS OVERVIEW

Plugs

Reducing / Expanding Male Stud Connectors with Inside Thread

Male Stud Connector with Captive seal
/ Female BSPP Thread

Reducing / Expanding Male Stud Connectors with Inside Thread

Male Stud Connector with Metal Seal /
Female BSPP Thread

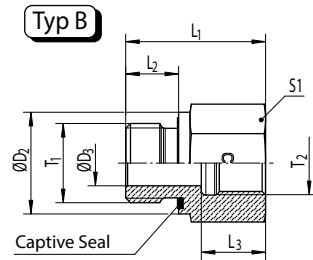
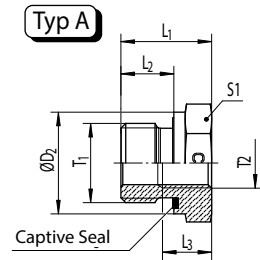
C-RI-WD

Reducing / Expanding Male Stud Connectors with Inside Thread

Male Stud Connector with BSPP Thread with Captive seal
(ISO 1179, Type E) / Female BSPP Thread (DIN 3852-2 / ISO 1179-1)



C-RI



PN [bar]	C		T ₁	T ₂	ØD ₂ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	Type	Ordering Code *	kg/100
		CF											
400	400	G1/8A	G1/4	14	4	31.0	8	17.0	19	B	C-RI 1/8 WD X 1/4	4.1	
		G1/8A	G3/8	14	4	32.0	8	17.0	24	B	C-RI 1/8 WD X 3/8	6.5	
		G1/4A	G1/8	19	5	29.0	12	12.0	19	B	C-RI 1/4 WD X 1/8	4.2	
		G1/4A	G3/8	19	5	36.0	12	17.0	24	B	C-RI 1/4 WD X 3/8	7.0	
		G1/4A	G1/2	19	5	40.0	12	20.0	30	B	C-RI 1/4 WD X 1/2	11.9	
		G1/4A	G3/4	19	5	43.0	12	22.0	36	B	C-RI 1/4 WD X 3/4	17.7	
		G3/8A	G1/8	22		22.5	12	12.0	22	A	C-RI 3/8 WD X 1/8	4.0	
		G3/8A	G1/4	22	8	36.0	12	17.0	22	B	C-RI 3/8 WD X 1/4	7.2	
315	315	G3/8A	G1/2	22	8	41.0	12	20.0	30	B	C-RI 3/8 WD X 1/2	12.7	
		G3/8A	G3/4	22	8	44.0	12	22.0	36	B	C-RI 3/8 WD X 3/4	18.6	
400	400	G1/2A	G1/8	27		24.0	14	12.0	27	A	C-RI 1/2 WD X 1/8	6.7	
		G1/2A	G1/4	27		24.0	14	17.0	27	A	C-RI 1/2 WD X 1/4	5.7	
315	315	G1/2A	G3/8	27	12	37.0	14	17.0	27	B	C-RI 1/2 WD X 3/8	9.8	
		G1/2A	G3/4	27	12	46.0	14	22.0	36	B	C-RI 1/2 WD X 3/4	18.9	
		G1/2A	G1	27	12	49.0	14	24.5	41	B	C-RI 1/2 WD X 1	22.9	
		G1/2A	G1 1/4	27	10	53.0	14	26.5	55	B	C-RI 1/2 WD X 1 1/4	49.3	
		G3/4A	G1/4	32		26.0	16	17.0	32	A	C-RI 3/4 WD X 1/4	10.4	
		G3/4A	G3/8	32		26.0	16	17.0	32	A	C-RI 3/4 WD X 3/8	8.8	
		G3/4A	G1/2	32	16	43.0	16	20.0	32	B	C-RI 3/4 WD X 1/2	15.8	
		G3/4A	G1	32	16	51.0	16	24.5	41	B	C-RI 3/4 WD X 1	24.3	
250	250	G3/4A	G1 1/4	32	16	55.0	16	26.5	55	B	C-RI 3/4 WD X 1 1/4	49.8	
		G3/4A	G1 1/2	32	16	57.0	16	28.5	60	B	C-RI 3/4 WD X 1 1/2	57.6	
315	315	G1A	G1/4	40		29.0	18	17.0	41	A	C-RI 1 WD X 1/4	19.9	
		G1A	G3/8	40		29.0	18	17.0	41	A	C-RI 1 WD X 3/8	18.2	
		G1A	G1/2	40		29.0	18	20.0	41	A	C-RI 1 WD X 1/2	15.7	
		G1A	G3/4	40	20	49.0	18	22.0	41	B	C-RI 1 WD X 3/4	29.7	
		G1A	G1 1/4	40	20	57.0	18	26.5	55	B	C-RI 1 WD X 1 1/4	52.3	
250	250	G1A	G1 1/2	40	20	59.0	18	28.5	60	B	C-RI 1 WD X 1 1/2	60.1	
		G1 1/4A	G3/8	50		32.0	20	17.0	50	A	C-RI 1 1/4 WD X 3/8	34.3	
315	315	G1 1/4A	G1/2	50		32.0	20	20.0	50	A	C-RI 1 1/4 WD X 1/2	31.6	
		G1 1/4A	G3/4	50		32.0	20	22.0	50	A	C-RI 1 1/4 WD X 3/4	26.8	
		G1 1/4A	G1	50	25	52.0	20	24.5	50	B	C-RI 1 1/4 WD X 1	46.5	
		G1 1/4A	G1 1/2	50	25	60.0	20	28.5	60	B	C-RI 1 1/4 WD X 1 1/2	63.5	
250	250	G1 1/2A	G1/2	55		36.0	22	20.0	55	A	C-RI 1 1/2 WD X 1/2	47.9	
		G1 1/2A	G3/4	55		36.0	22	22.0	55	A	C-RI 1 1/2 WD X 3/4	42.5	
		G1 1/2A	G1	55		36.0	22	24.5	55	A	C-RI 1 1/2 WD X 1	34.4	
		G1 1/2A	G1 1/4	55	32	58.0	22	26.5	55	B	C-RI 1 1/2 WD X 1 1/4	54.0	
160	160	G2A	G1 1/2	75	40	65.0	24	28.5	75	B	C-RI 2 WD X 1 1/2	127.8	

*Replace the character "C" with "CF" when you require steel!

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

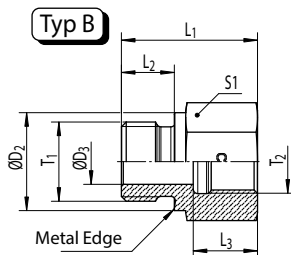
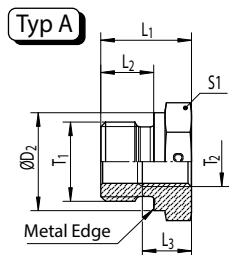


C-RI

Reducing / Expanding Male Stud Connectors with Inside Thread
Male BSPP Thread with Metal Sealing Edge (ISO 1179, Type B) /
Female BSPP Thread (DIN 3852-2 / ISO 1179-1)



C-RI



PN [bar]		T ₁	T ₂	ØD ₂ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	Type	Ordering Code *	kg/100
C	CF											
400	400	G1/8A	G1/4	14	4	31.0	8	17.0	19	B	C-RI 1/8 X 1/4	4.2
		G1/8A	G3/8	14	4	32.0	8	17.0	24	B	C-RI 1/8 X 3/8	6.5
		G1/4A	G1/8	18	5	28.0	12	12.0	19	B	C-RI 1/4 X 1/8	4.0
		G1/4A	G3/8	18	5	36.0	12	17.0	24	B	C-RI 1/4 X 3/8	7.0
315	315	G1/4A	G1/2	18	5	40.0	12	20.0	30	B	C-RI 1/4 X 1/2	12.0
400	400	G3/8A	G1/8	22		22.5	12	12.0	22	A	C-RI 3/8 X 1/8	4.0
		G3/8A	G1/4	22	8	36.0	12	17.0	22	B	C-RI 3/8 X 1/4	7.3
		G3/8A	G1/2	22	8	41.0	12	20.0	30	B	C-RI 3/8 X 1/2	12.8
315	315	G3/8A	G3/4	22	8	44.0	12	22.0	36	B	C-RI 3/8 X 3/4	18.6
400	400	G1/2A	G1/8	26		24.0	14	12.0	27	A	C-RI 1/2 X 1/8	6.7
315	315	G1/2A	G1/4	26		24.0	14	17.0	27	A	C-RI 1/2 X 1/4	5.8
		G1/2A	G3/8	26	12	36.0	14	17.0	27	B	C-RI 1/2 X 3/8	9.4
		G1/2A	G3/4	26	12	46.0	14	22.0	36	B	C-RI 1/2 X 3/4	18.9
		G1/2A	G1	26	12	49.0	14	24.5	41	B	C-RI 1/2 X 1	22.9
160	160	G1/2A	G1 1/4	26	10	53.0	14	26.5	55	B	C-RI 1/2 X 1 1/4	49.3
315	315	G3/4A	G1/4	32		26.0	16	17.0	32	A	C-RI 3/4 X 1/4	10.5
		G3/4A	G3/8	32		26.0	16	17.0	32	A	C-RI 3/4 X 3/8	8.9
		G3/4A	G1/2	32	16	41.0	16	20.0	32	B	C-RI 3/4 X 1/2	14.9
		G3/4A	G1	32	16	51.0	16	24.5	41	B	C-RI 3/4 X 1	24.4

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

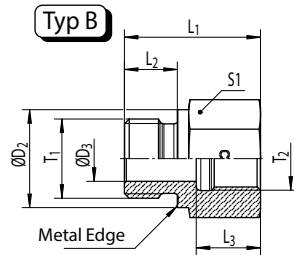
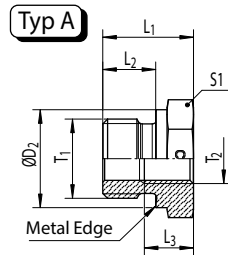


C-RI

Reducing / Expanding Male Stud Connectors with Inside Thread
Male BSPP Thread with Metal Sealing Edge (ISO 1179, Type B) /
Female BSPP Thread (DIN 3852-2 / ISO 1179-1)



Plugs
Overview



PN [bar]		T ₁	T ₂	ØD ₂ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S ₁ [mm]	Type	Ordering Code *	kg/100
C	CF											
160	160	G3/4A	G1 1/4	32	16	55	16	26.5	55	B	C-RI 3/4 X 1 1/4	49.9
		G3/4A	G1 1/2	32	16	57	16	28.5	60	B	C-RI 3/4 X 1 1/2	57.7
315	315	G1A	G1/4	39		29	18	17.0	41	A	C-RI 1 X 1/4	20.1
		G1A	G3/8	39		29	18	17.0	41	A	C-RI 1 X 3/8	18.3
		G1A	G1/2	39		29	18	20.0	41	A	C-RI 1 X 1/2	15.8
		G1A	G3/4	39	20	47	18	22.0	41	B	C-RI 1 X 3/4	28.0
		G1A	G1 1/4	39	20	57	18	26.5	55	B	C-RI 1 X 1 1/4	52.4
160	160	G1A	G1 1/2	39	20	59	18	28.5	60	B	C-RI 1 X 1 1/2	60.2
		G1 1/4A	G3/8	49		32	20	17.0	50	A	C-RI 1 1/4 X 3/8	34.5
		G1 1/4A	G1/2	49		32	20	20.0	50	A	C-RI 1 1/4 X 1/2	31.8
		G1 1/4A	G3/4	49		32	20	22.0	50	A	C-RI 1 1/4 X 3/4	27.0
		G1 1/4A	G1	49	25	52	20	24.5	50	B	C-RI 1 1/4 X 1	46.7
		G1 1/4A	G1 1/2	49	25	60	20	28.5	60	B	C-RI 1 1/4 X 1 1/2	63.5
		G1 1/2A	G1/4	55		36	22	17.0	55	A	C-RI 1 1/2 X 1/4	53.4
		G1 1/2A	G3/8	55		36	22	17.0	55	A	C-RI 1 1/2 X 3/8	51.3
		G1 1/2A	G1/2	55		36	22	20.0	55	A	C-RI 1 1/2 X 1/2	48.3
		G1 1/2A	G3/4	55		36	22	22.0	55	A	C-RI 1 1/2 X 3/4	42.8
		G1 1/2A	G1	55		36	22	24.5	55	A	C-RI 1 1/2 X 1	34.7
		G1 1/2A	G1 1/4	55	32	58	22	26.5	55	B	C-RI 1 1/2 X 1 1/4	54.4
		G2A	G1 1/2	68	40	62	24	28.5	70	B	C-RI 2 X 1 1/2	102.1

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

PLUGS OVERVIEW

Components

Blanking Plugs for Ports

Male Stud Connector with Captive seal

Blanking Plug for Tube Ends 24° Cone End

Blanking Plug for Cones 24° DKO Swivel

Blanking Plugs for Ports

Male stud connector with O-ring

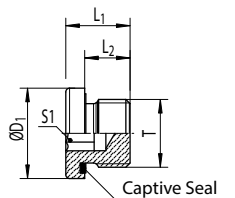
C-VSTI-WD

Blanking Plugs for Ports (M/R)

Male Metric Tread with Captive seal (ISO 9974 Type E)
Male BSPP Thread with Captive seal (ISO 1179 Type E)



C-VSTI-M-OR



PN [bar]		T	ØD ₁ [mm]	L ₁ [mm]	L ₂ [mm]	S1 [mm]	Ordering Code*	kg/100
C	CF							
400	400	M 10 x 1	14	12.0	8	5	C-VSTI M 10 x 1 WD	0.7
		M 12 x 1.5	17	17.0	12	6	C-VSTI M 12 x 1.5 WD	1.3
		M 14 x 1.5	19	17.0	12	6	C-VSTI M 14 x 1.5 WD	1.9
		M 16 x 1.5	22	17.0	12	8	C-VSTI M 16 x 1.5 WD	2.4
		M 18 x 1.5	24	17.0	12	8	C-VSTI M 18 x 1.5 WD	3.2
		M 20 x 1.5	26	19.0	14	10	C-VSTI M 20 x 1.5 WD	4
		M 22 x 1.5	27	19.0	14	10	C-VSTI M 22 x 1.5 WD	4.9
		M 26 x 1.5	32	21.0	16	12	C-VSTI M 26 x 1.5 WD	7.5
		M 27 x 2	32	21.0	16	12	C-VSTI M 27 x 2 WD	7.7
		M 33 x 2	40	22.5	16	17	C-VSTI M 33 x 2 WD	12.5
315	315	M 42 x 2	50	22.5	16	22	C-VSTI M 42 x 2 WD	20.7
		M 48 x 2	55	22.5	16	24	C-VSTI M 48 x 2 WD	27.2
400	400	G1/8 A	14	12.0	8	5	C-VSTI R 1/8 WD	0.7
		G1/4 A	19	17.0	12	6	C-VSTI R 1/4 WD	1.7
		G3/8 A	22	17.0	12	8	C-VSTI R 3/8 WD	2.6
		G1/2 A	27	19.0	14	10	C-VSTI R 1/2 WD	4.4
		G3/4 A	32	21.0	16	12	C-VSTI R 3/4 WD	7.5
		G1 A	40	22.5	16	17	C-VSTI R 1 WD	12.4
315	315	G1/4 A	50	22.5	16	22	C-VSTI R 1 1/4 WD	20.4
		G1/2 A	55	22.5	16	24	C-VSTI R 1 1/2 WD	26.7

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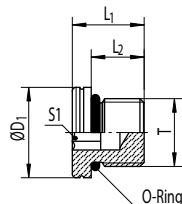
C-VSTI-M-OR

Blanking Plugs for Ports

Metric Male Stud Connector O-Ring (ISO 6149)



C-ROV



PN [bar]		T	$\varnothing D_1$ [mm]	L_1 [mm]	L_2 [mm]	S_1 [mm]	Ordering Code*	kg/100
C	CF							
630	630	M8X1	12	13.0	9.5	4	C-VSTI M 8X1 OR	0.5
		M10X1	14	13.5	9.5	5	C-VSTI M 10X1 OR	0.8
		M12X1.5	17	16.0	11.0	6	C-VSTI M 12X1,5 OR	1.3
		M14X1.5	19	16.0	11.0	6	C-VSTI M 14X1,5 OR	1.9
		M16X1.5	22	17.5	12.5	8	C-VSTI M 16X1,5 OR	2.5
		M18X1,5	24	19.0	14.0	8	C-VSTI M 18X1,5 OR	3.5
		M22X1,5	27	20.0	15.0	10	C-VSTI M 22X1,5 OR	5.2
400	400	M26X1,5	31	21.0	16.0	12	C-VSTI M 26X1,5 OR	7.5
		M27X2	32	23.5	18.5	12	C-VSTI M 27X2 OR	8.6
		M33X2	41	25.0	18.5	17	C-VSTI M 33X2 OR	14.2
		M42X2	50	25.5	19.0	22	C-VSTI M 42X2 OR	23.1
		M48X2	55	28.0	21.5	24	C-VSTI M 48X2 OR	32.6

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

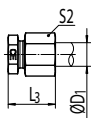
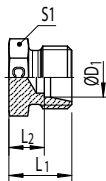


C-ROV Blanking Plug for Tube Ends

24° Tube Connection
(DIN EN ISO 8434-1)



C-VKA



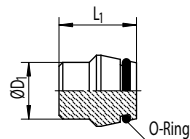
Series	PN [bar]		ØD ₁ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	S2 [mm]	Ordering Code*	kg/100
	C	CF								
L	315	315	6	14	7.0	22	12	14	C-ROV 06 L X	0.9
			8	15	8.0	23	14	17	C-ROV 08 L X	1.3
			10	16	9.0	24	17	19	C-ROV 10 L X	1.8
			12	17	10.0	25	19	22	C-ROV 12 L X	2.5
			15	18	11.0	26	24	27	C-ROV 15 L X	4.2
			18	19	11.5	28	27	32	C-ROV 18 L X	5.9
	160	160	22	21	13.5	30	32	36	C-ROV 22 L X	8.5
			28	22	14.5	31	41	41	C-ROV 28 L X	13.8
			35	25	14.5	36	46	50	C-ROV 35 L X	20.7
			42	27	16.0	39	55	60	C-ROV 42 L X	31.3
S	630	630	6	18	11.0	26	14	17	C-ROV 06 S X	1.8
			8	20	13.0	28	17	19	C-ROV 08 S X	2.8
			10	20	12.5	29	19	22	C-ROV 10 S X	3.4
			12	22	14.5	31	22	24	C-ROV 12 S X	5.0
			14	24	16.0	34	24	27	C-ROV 14 S X	6.4
	400	400	16	24	15.5	34	27	30	C-ROV 16 S X	7.7
			20	28	17.5	39	32	36	C-ROV 20 S X	12.8
			25	32	20.0	44	41	46	C-ROV 25 S X	23.2
			30	34	20.5	47	46	50	C-ROV 30 S X	30.6
	250	315	38	39	23.0	54	55	60	C-ROV 38 S X	51.9

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



C-VKA Blanking Plug for Cones

24° Cone
(DIN EN ISO 8434-1)



Series	PN [bar]		ØD ₁ [mm]	L ₁ [mm]	Ordering Code*	kg/ 100
	C	CF				
L	315	500	6	18.5	C-VKA 06 L	0.6
			8	18.5	C-VKA 08 L	0.9
			10	20.0	C-VKA 10 L	1.5
	315	400	12	20.5	C-VKA 12 L	2.2
			15	20.5	C-VKA 15 L	3.2
			18	22.5	C-VKA 18 L	5.0
			22	25.0	C-VKA 22 L	8.2
	160	250	28	25.5	C-VKA 28 L	13.2
			35	30.0	C-VKA 35 L	24.2
			42	30.0	C-VKA 42 L	34.4
6			18.5	C-VKA 06 S	0.6	
S	630	800	8	18.5	C-VKA 08 S	0.9
			10	20.0	C-VKA 10 S	1.5
			12	20.5	C-VKA 12 S	2.2
	630	630	14	22.5	C-VKA 14 S	3.0
			16	23.5	C-VKA 16 S	4.1
	400	630	20	28.5	C-VKA 20 S	7.9
			25	29.0	C-VKA 25 S	12.1
			30	30.5	C-VKA 30 S	18.2
	315	400	38	33.0	C-VKA 38 S	31.1

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CONEXA TUBE FITTINGS

CONEXA TUBE FITTINGS
OVERVIEW

COMPONENTS OVERVIEW

Welding
Fittings

Locknut for Bulkheads

Support Sleeve

Sealing Ring for Pressure Gauge
Connectors

Sealing Ring
for Banjo Fittings

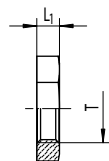
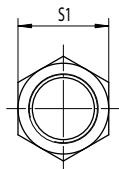
Captive seal

O-Ring

C-GM Locknut for Bulkheads
DIN EN ISO 8434-1



C-VHS



Series	Ø Tube [mm]	T [mm]	L ₁ [mm]	S ₁ [mm]	Ordering Code *	kg/100
L	6	M12X1.5	6	17	C-GM 06 L X	0.7
	8	M14X1.5	6	19	C-GM 08 L X	0.8
	10	M16X1.5	6	22	C-GM 10 L X	1.1
	12	M18X1,5	6	24	C-GM 12 L X	1.2
	15	M22X1,5	7	30	C-GM 15 L X	2.3
	18	M26X1,5	8	36	C-GM 18 L X	3.9
	22	M30X2	8	41	C-GM 22 L X	4.9
	28	M36X2	9	46	C-GM 28 L X	6.1
	35	M45X2	9	55	C-GM 35 L X	7.6
	42	M52X2	10	65	C-GM 42 L X	12.5
S	6	M14X1.5	6	19	C-GM 08 L X	0.8
	8	M16X1.5	6	22	C-GM 10 L X	1.1
	10	M18X1,5	6	24	C-GM 12 L X	1.2
	12	M20X1.5	6	27	C-GM 12 S X	1.6
	14	M22X1,5	7	30	C-GM 15 L X	2.3
	16	M24X1.5	7	32	C-GM 16 S X	2.5
	20	M30X2	8	41	C-GM 22 L X	4.9
	25	M36X2	9	46	C-GM 28 L X	6.1
	30	M42X2	9	50	C-GM 30 S X	5.9
	38	M52X2	10	65	C-GM 42 L X	12.5

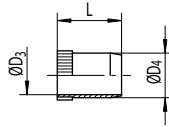
*Replace the character "C" with "CF" when you require steel!
C = Stainless Steel, 1.4571 CF = Galvanized Steel Cr(VI)-free



C-VHS Support Sleeve



C-DKI



Inside tube diameter	ØD ₃ [mm]	ØD ₄ [mm]	L [mm]	Ordering Code*	kg/100
4.0	2.6	3.8	14.0	C-VHS 04 X	0.6
4.5	3.1	4.3	14.0	C-VHS 04,5 X	0.7
5.0	3.6	4.8	14.0	C-VHS 05 X	0.8
6.0	4.6	5.8	14.0	C-VHS 06 X	1.0
6.5	5.1	6.3	14.0	C-VHS 06.5 X	1.1
7.0	5.6	6.8	15.5	C-VHS 07 X	1.4
8.0	6.6	7.8	15.5	C-VHS 08 X	1.6
9.0	7.6	8.8	15.5	C-VHS 09 X	1.8
10.0	8.6	9.8	15.5	C-VHS 10 X	2.0
10.5	9.1	10.3	15.5	C-VHS 10.5 X	2.2
11.0	9.6	10.8	15.5	C-VHS 11 X	2.3
12.0	10.2	11.8	17.0	C-VHS 12 X	3.6
13.0	11.2	12.8	17.0	C-VHS 13 X	3.9
14.0	12.2	13.8	17.0	C-VHS 14 X	4.3
15.0	13.2	14.8	20.0	C-VHS 15 X	5.4
16.0	14.2	15.8	20.0	C-VHS 16 X	5.8
17.0	15.2	16.8	20.0	C-VHS 17 X	6.2
18.0	16.2	17.8	20.0	C-VHS 18 X	6.6
19.0	17.2	18.8	20.0	C-VHS 19 X	7.0
20.0	18.2	19.8	21.5	C-VHS 20 X	7.9
21.0	19.2	20.8	21.5	C-VHS 21 X	8.3
22.0	20.2	21.8	23.5	C-VHS 22 X	9.6
23.0	21.2	22.8	23.5	C-VHS 23 X	10.0
24.0	22.2	23.8	23.5	C-VHS 24 X	10.5
25.0	23.2	24.8	23.5	C-VHS 25 X	10.9
26.0	24.2	25.8	23.5	C-VHS 26 X	11.4
27.0	25.2	26.8	23.5	C-VHS 27 X	11.9
30.0	27.8	29.8	26.5	C-VHS 30 X	18.6
31.0	28.8	30.8	26.5	C-VHS 31 X	19.2
32.0	29.8	31.8	26.5	C-VHS 32 X	19.9
33.0	30.8	32.8	26.5	C-VHS 33 X	20.5
34.0	31.8	33.8	26.5	C-VHS 34 X	21.2
38.0	35.8	37.8	21.0	C-VHS 38 X	18.8
39.0	36.8	38.8	21.0	C-VHS 39 X	19.3

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C = Stainless Steel, 1.4571 CF = Galvanized Steel Cr(VI)-free

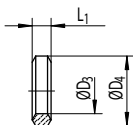


C-DKI Sealing Ring

for types: C-MAV, C-MAVE
(for Pressure Gauge Connectors)



C-DKA



Inside thread	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	Ordering Code *	kg/ 100
G1/4	11.3	6	4.5	C-DKI 1/4	2.4
G1/2	18.5	12	5.0	C-DKI 1/2	5.0
*Replace the character "C" with "CF" when you require steel! C = Stainless Steel, 1.4571 CF = Galvanized Steel Cr(VI)-free					

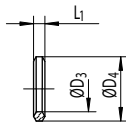


C-DKA Sealing Ring

(for Banjo Fittings)
For types: C-WH, C-TH



C-DOR



WH/TH		Thread	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	Ordering Code*	kg/ 100
06LR		G1/8A	9.8	14.0	2.5	C-DKA 1/8 X	0.1
08LR	06SR	G1/4A	13.3	18.0	3.0	C-DKA 1/4 X	0.2
10LR	08SR						
12LR	10SR	G3/8A	16.8	22.0	3.0	C-DKA 3/8 X	0.3
	12SR						
15LR	14SR	G1/2A	21.1	26.0	4.5	C-DKA 1/2 X	0.5
18LR	16SR						
22LR	20SR	G3/4A	26.6	32.0	3.5	C-DKA 3/4 X	0.5
28LR	25SR	G1A	33.4	39.0	3.5	C-DKA 1 X	0.7
35LR	30SR	G1 1/4A	42.1	49.0	3.5	C-DKA 1 1/4 X	1.0
42LR	38SR	G1 1/2A	48.1	55.0	3.5	C-DKA 1 1/2 X	1.1

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WH/TH		Thread [mm]	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	Ordering Code*	kg/ 100
06LM		M10x1	10.1	14.0	2.5	C-DKA 10 X	0.1
08LM	06SM	M12X1.5	12.1	17.0	3.0	C-DKA 12 X	0.2
10LM	08SM	M14X1.5	14.1	19.0	3.0	C-DKA 14 X	0.2
12LM	10SM	M16X1.5	16.1	21.0	3.0	C-DKA 16 X	0.3
15LM	12SM	M18X1,5	18.1	23.0	3.0	C-DKA 18 X	0.3
	14SM	M20x1.5	20.1	25.0	3.0	C-DKA 20 X	0.1
18LM	16SM	M22X1,5	22.1	27.0	4.5	C-DKA 22 X	0.6
22LM		M26X1,5	26.1	31.0	3.5	C-DKA 26 X	0.5
	20SM	M27x2	27.1	32.0	3.5	C-DKA 27 X	0.5
28LM	25SM	M33X2	33.1	39.0	3.5	C-DKA 33 X	0.7
35LM	30SM	M42X2	42.1	49.0	3.5	C-DKA 1 1/4 X	1.0
42LM	38SM	M48X2	48.1	55.0	3.5	C-DKA 1 1/2 X	1.1

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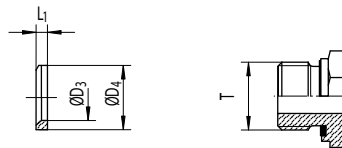
C-WD Captive Seal

(for cylindrical male stud connectors - metric and BSPP)

For types: GE-WD, EVGE-WD, EGE-WD, RI-WD, VSTI-WD, RHV-WD, RHZ-WD



C-DOR



Thread T metric	Thread T BSPP	ØD ₁ [mm]	ØD ₃ [mm]	L ₁ [mm]	Ordering Code FKM	Ordering Code NBR	kg/ 100
M10x1	G1/8A	11.9	8.4	1.0	C-WD 10x1 X	CF-WD 10x1 X	0.01
M12x1.5	-	14.4	9.8	1.5	C-WD 12x1,5 X	CF-WD 12x1,5 X	0.01
M14x1.5	G1/4A	16.5	11.6	1.5	C-WD 14x1,5 X	CF-WD 14x1.5 X	0.02
M16x1.5	-	18.9	13.8	1.5	C-WD 16x1,5 X	CF-WD 16x1,5 X	0.02
-	G3/8A	18.9	14.7	1.5	C-WD 3/8 X	CF-WD 3/8 X	0.02
M18x1.5	-	20.9	15.7	1.5	C-WD 18x1,5 X	CF-WD 18x1,5 X	0.03
M20x1.5	-	22.9	17.8	1.5	C-WD 20x1,5 X	CF-WD 20x1,5 X	0.03
-	G1/2A	23.9	18.5	1.5	C-WD 1/2 X	CF-WD 1/2 X	0.03
M22x1.5	-	24.3	19.6	1.5	C-WD 22x1,5 X	CF-WD 22x1,5 X	0.04
M26x1.5	G3/4A	29.2	23.9	1.5	C-WD 26x1,5 X	CF-WD 26x1,5 X	0.04
M27x2							
M33x2	G1A	35.7	29.7	2.0	C-WD 33x2 X	CF-WD 33x2 X	0.07
M42x2	G1 1/4A	45.8	38.8	2.0	C-WD 42x2 X	CF-WD 42x2 X	0.10
M48x2	G1 1/2A	50.7	44.7	2.0	C-WD 48x2 X	CF-WD 48x2 X	0.10

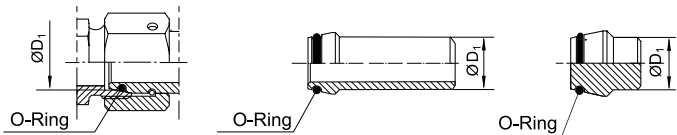


C-DOR O-Rings

(for fittings with 24° cone end in accordance with DIN EN ISO 8434-1)
For types: EW, ET, EL, EGE, EGEO, DA, GZ, GZR, RED, KOVO, VKA, SKA, SKAR



C-DOR



Series	ØD ₁ [mm]	Ordering Code FKM	Ordering Code NBR
L	6	C-DOR 4x1.5 X	CF-DOR 4x1.5 X
	8	C-DOR 6x1.5 X	CF-DOR 6x1.5 X
	10	C-DOR 7.5x1.5 X	CF-DOR 7.5x1.5 X
	12	C-DOR 9x1.5 X	CF-DOR 9x1.5 X
	15	C-DOR 12x2 X	CF-DOR 12x2 X
	18	C-DOR 15x2 X	CF-DOR 15x2 X
	22	C-DOR 20x2 X	CF-DOR 20x2 X
	28	C-DOR 26x2 X	CF-DOR 26x2 X
	35	C-DOR 32x2.5 X	CF-DOR 32x2.5 X
	42	C-DOR 38x2.5 X	CF-DOR 38x2.5 X
S	6	C-DOR 4x1.5 X	CF-DOR 4x1.5 X
	8	C-DOR 6x1.5 X	CF-DOR 6x1.5 X
	10	C-DOR 7.5x1.5 X	CF-DOR 7.5x1.5 X
	12	C-DOR 9x1.5 X	CF-DOR 9x1.5 X
	14	C-DOR 12x2 X	CF-DOR 12x2 X
	16	C-DOR 12x2 X	CF-DOR 12x2 X
	20	C-DOR 16.3x2.4 X	CF-DOR 16.3x2.4 X
	25	C-DOR 20.3x2.4 X	CF-DOR 20.3x2.4 X
	30	C-DOR 25.3x2.4 X	CF-DOR 25.3x2.4 X
38	C-DOR 33.3x2.4 X	CF-DOR 33.3x2.4 X	

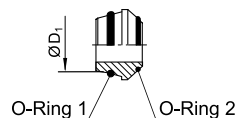


C-DOR O-Rings

(for flared tube adaptors according to DIN 3949)
For types: C-ABA



C-DOR



Series	ØD1 [mm]	ABA O-Ring 1		ABA O-Ring 2	
		Ordering Code FKM	Ordering Code NBR	Ordering Code FKM	Ordering Code NBR
L	6	C-DOR 4x1.5 X	CF-DOR 4x1.5 X	C-DOR 4.4x0.8 X	CF-DOR 4.4x0.8 X
	8	C-DOR 6x1.5 X	CF-DOR 6x1.5 X	C-DOR 6x0.8 X	CF-DOR 6x0.8 X
	10	C-DOR 7.5x1.5 X	CF-DOR 7.5x1.5 X	C-DOR 7.5x0.8 X	CF-DOR 7.5x0.8 X
	12	C-DOR 9x1.5 X	CF-DOR 9x1.5 X	C-DOR 9.5x0.8 X	CF-DOR 9.5x0.8 X
	15	C-DOR 12x2 X	CF-DOR 12x2 X	C-DOR 12.5x0.8 X	CF-DOR 12.5x0.8 X
	18	C-DOR 15x2 X	CF-DOR 15x2 X	C-DOR 15x1 X	CF-DOR 15x1 X
	22	C-DOR 20x2 X	CF-DOR 20x2 X	C-DOR 18x1 X	CF-DOR 18x1 X
	28	C-DOR 26x2 X	CF-DOR 26x2 X	C-DOR 23x1 X	CF-DOR 23x1 X
	35	C-DOR 32x2.5 X	CF-DOR 32x2.5 X	C-DOR 30x1 X	CF-DOR 30x1 X
	42	C-DOR 38x2.5 X	CF-DOR 38x2.5 X	C-DOR 37x1 X	CF-DOR 37x1 X
S	6	C-DOR 4x1.5 X	CF-DOR 4x1.5 X	C-DOR 4.4x0.8 X	CF-DOR 4.4x0.8 X
	8	C-DOR 6x1.5 X	CF-DOR 6x1.5 X	C-DOR 6x0.8 X	CF-DOR 6x0.8 X
	10	C-DOR 7.5x1.5 X	CF-DOR 7.5x1.5 X	C-DOR 7.5x0.8 X	CF-DOR 7.5x0.8 X
	12	C-DOR 9x1.5 X	CF-DOR 9x1.5 X	C-DOR 9.5x0.8 X	CF-DOR 9.5x0.8 X
	14	C-DOR 12x2 X	CF-DOR 12x2 X	C-DOR 11x1 X	CF-DOR 11x1 X
	16	C-DOR 12x2 X	CF-DOR 12x2 X	C-DOR 12.5x1 X	CF-DOR 12.5x1 X
	20	C-DOR 16.3x2.4 X	CF-DOR 16.3x2.4 X	C-DOR 16x1 X	CF-DOR 16x1 X
	25	C-DOR 20.3x2.4 X	CF-DOR 20.3x2.4 X	C-DOR 20x1 X	CF-DOR 20x1 X
	30	C-DOR 25.3x2.4 X	CF-DOR 25.3x2.4 X	C-DOR 25x1 X	CF-DOR 25x1 X
	38	C-DOR 33.3x2.4 X	CF-DOR 33.3x2.4 X	C-DOR 32x1.78 X	CF-DOR 32x1.78 X

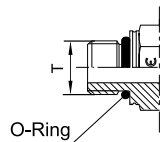


C-DOR O-Rings

(for metric male stud connectors in accordance with 6194)
For types: C-GEO, C-EGEO, C-VSTI-OR



C-DOR

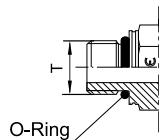


Thread ØT	Ordering Code FKM	Ordering Code NBR
M 8x1	C-DOR 6.1x1.6 X	CF-DOR 6.1x1.6 X
M 10x1	C-DOR 8.1x1.6 X	CF-DOR 8.1x1.6 X
M 12x1.5	C-DOR 9.3x2.2 X	CF-DOR 9.3x2.2 X
M 14x1.5	C-DOR 11.3x2.2 X	CF-DOR 11.3x2.2 X
M 16x1.5	C-DOR 13.3x2.2 X	CF-DOR 13.3x2.2 X
M 18x1.5	C-DOR 15.3x2.2 X	CF-DOR 15.3x2.2 X
M 20x1.5	C-DOR 17.3x2.2 X	CF-DOR 17.3x2.2 X
M 22x1.5	C-DOR 19.3x2.2 X	CF-DOR 19.3x2.2 X
M 27x2	C-DOR 23.6x2.9 X	CF-DOR 23.6x2.9 X
M 33x2	C-DOR 29.6x2.9 X	CF-DOR 29.6x2.9 X
M 42x2	C-DOR 38.6x2.9 X	CF-DOR 38.6x2.9 X
M 48x2	C-DOR 44.6x2.9 X	CF-DOR 44.6x2.9 X
M 60x2	C-DOR 56.6x2.9 X	CF-DOR 56.6x2.9 X



C-DOR O-Rings

(for ISO 11926 male stud connectors)
For types: C-GE-UNF



Thread ØT	Ordering Code FKM	Ordering Code NBR
3/8-27 UNF-2A	C-DOR 7.65x1.63 X	CF-DOR 765x1.63 X
7/16-20 UNF-2A	C-DOR 9.17x1.83 X	CF-DOR 9.17x1.83 X
1/2-20 UNF-2A	C-DOR 10.52x1.83 X	CF-DOR 10.52x1.83 X
9/16-18 UNF-2A	C-DOR 11.89x1.98 X	CF-DOR 11.89x1.98 X
3/4-16 UNF-2A	C-DOR 16.36x2.21 X	CF-DOR 16.36x2.21 X
7/8-14 UNF-2A	C-DOR 19.18x2.46 X	CF-DOR 19.18x2.46 X
1 1/16-12 UN-2A	C-DOR 23.47x2.95 X	CF-DOR 23.47x2.95 X
1 3/16-12 UN-2A	C-DOR 26.62x2.95 X	CF-DOR 26.62x2.95 X
1 5/16-12 UN-2A	C-DOR 29.74x2.95 X	CF-DOR 29.74x2.95 X
1 5/8-12 UN-2A	C-DOR 37.47x3 X	CF-DOR 37.47x3 X
1 7/8-12 UN-2A	C-DOR 43.69x3 X	CF-DOR 43.69x3 X
2 1/2-12 UN-2A	C-DOR 59.36x3 X	CF-DOR 59.36x3 X

WELDING FITTINGS OVERVIEW

Weld Fitting
Weld Connection /
24° Tube Connection

Weld Connection for Tube
Butt Weld /
Butt Weld

Weld Bulkhead
24° Tube Connection

24° Welding Cone
Weld Connection /
24° Welding Cone

Elbow - Welding Nipple
Weld Connection /
24° Tube Connection

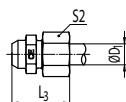
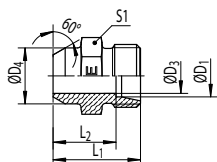
Reducing Weld Nipple
Weld Connection /
24° Welding Cone

C-AS Weld Fitting

Weld Connection /
24° Tube Connection (DIN EN ISO 8434-1)



C-WAS



Series	PN [bar]		ØD ₁ [mm]	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	S2 [mm]	Ordering Code*	kg/100
	C	CF										
L	315	315	6	4	10	21	14.0	29	12	14	C-AS 06 L X	1.1
			8	6	12	23	16.0	31	14	17	C-AS 08 L X	1.6
			10	8	14	25	18.0	33	17	19	C-AS 10 L X	2.3
			12	10	16	25	18.0	33	19	22	C-AS 12 L X	2.7
			15	12	19	29	22.0	37	22	27	C-AS 15 L X	4.5
			18	15	22	31	23.5	40	27	32	C-AS 18 L X	6.9
	160	160	22	19	27	36	28.5	45	32	36	C-AS 22 L X	10.2
			28	24	32	38	30.5	47	41	41	C-AS 28 L X	16.5
			35	30	40	43	32.5	54	46	50	C-AS 35 L X	24.0
			42	36	46	46	35.0	58	55	60	C-AS 42 L X	33.7
S	630	630	6	4	11	26	19.0	34	14	17	C-AS 06 S X	2.2
			8	5	13	28	21.0	36	17	19	C-AS 08 S X	3.3
			10	7	15	30	22.5	39	19	22	C-AS 10 S X	4.2
			12	8	17	32	24.5	41	22	24	C-AS 12 S X	5.7
			14	10	19	35	27.0	45	24	27	C-AS 14 S X	7.3
			16	12	21	35	26.5	45	27	30	C-AS 16 S X	8.6
	400	400	20	16	26	40	29.5	51	32	36	C-AS 20 S X	13.3
			25	20	31	44	32.0	56	41	46	C-AS 25 S X	22.6
			30	25	36	49	35.5	62	46	50	C-AS 30 S X	30.4
			38	32	44	54	38.0	69	55	60	C-AS 38 S X	46.2
	250	315	38	32	44	54	38.0	69	55	60	C-AS 38 S X	46.2

*Replace the character "C" with "CF" when you require steel!
C = Stainless Steel, 1.4571 CF = Galvanized Steel Phosphate Conversion Coating

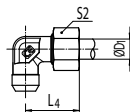
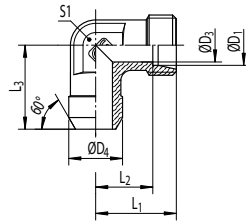


C-WAS Elbow - Welding Nipple

Weld Connection /
24° Tube Connection (DIN EN ISO 8434-1)



C-ASK



Series	PN [bar]		ØD ₁ [mm]	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S ₁ [mm]	S ₂ [mm]	Ordering Code *	kg/ 100
	C	CF											
L	315	315	6	4	10	19	12.0	19	27	12	14	C-WAS 06 L X	2.0
			8	6	12	21	14.0	23	29	12	17	C-WAS 08 L X	2.5
			10	8	14	22	15.0	24	30	14	19	C-WAS 10 L X	3.2
			12	10	16	24	17.0	25	32	17	22	C-WAS 12 L X	4.2
			15	12	19	28	21.0	30	36	19	27	C-WAS 15 L X	7.8
	160	160	18	15	22	31	23.5	33	40	24	32	C-WAS 18 L X	11.0
			22	19	27	35	27.5	37	44	27	36	C-WAS 22 L X	15.1
			28	24	32	38	30.5	42	47	36	41	C-WAS 28 L X	26.2
			35	30	40	45	34.5	49	56	41	50	C-WAS 35 L X	40.2
			42	36	46	51	40.0	57	63	50	60	C-WAS 42 L X	61.6
S	630	630	6	4	11	23	16.0	23	31	12	17	C-WAS 06 S X	3.1
			8	5	13	24	17.0	24	32	14	19	C-WAS 08 S X	4.4
			10	7	15	25	17.5	25	34	17	22	C-WAS 10 S X	5.6
			12	8	17	29	21.5	29	38	17	24	C-WAS 12 S X	7.9
			14	10	19	30	22.0	30	40	19	27	C-WAS 14 S X	9.6
	400	400	16	12	21	33	24.5	33	43	24	30	C-WAS 16 S X	13.4
			20	16	26	37	26.5	37	48	27	36	C-WAS 20 S X	19.2
			25	20	31	42	30.0	42	54	36	46	C-WAS 25 S X	34.5
			30	25	36	49	35.5	49	62	41	50	C-WAS 30 S X	52.1
	250	315		38	32	44	57	41.0	57	72	50	60	C-WAS 38 S X

*Replace the character "C" with "CF" when you require steel!
C = Stainless Steel, 1.4571 CF = Galvanized Steel Phosphate Conversion Coating

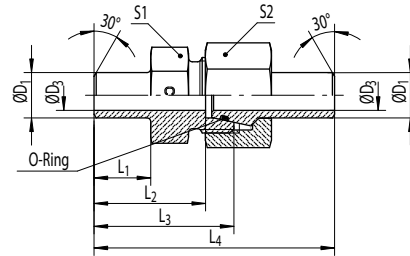


C-ASK Weld Fitting for Tubes

Butt Weld /
Butt Weld



C-ESV



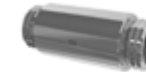
Series	PN [bar]		ØD ₁ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S1 [mm]	S2 [mm]	Ordering Code*	kg/100
	C	CF										
L	315	315	10	7	9.0	18.0	25.0	51.5	17	19	C-ASK 10 x 1,5 L	5.0
	400	400	10	6	9.0	18.0	25.0	51.5	17	19	C-ASK 10 x 2 L	5.4
	315	315	12	8	8.0	18.0	25.0	51.5	19	22	C-ASK 12 x 2 L	7.0
	400	400	12	7	8.0	18.0	25.0	51.5	19	22	C-ASK 12 x 2,5 L	7.5
	315	315	15	10	11.0	22.0	29.0	57.5	22	27	C-ASK 15 x 2,5 L	11.4
	160	160	18	13	12.0	23.5	31.0	51.0	27	32	C-ASK 18 x 2,5 L	16.4
	160	160	22	17	15.0	28.5	36.0	68.5	32	36	C-ASK 22 x 2,5 L	22.0
	160	160	28	23	16.0	30.5	38.0	73.5	41	41	C-ASK 28 x 2,5 L	29.7
	160	160	35	29	18.0	32.5	43.0	82.5	46	50	C-ASK 35 x 3 L	45.9
	160	160	35	28	18.0	32.5	43.0	82.5	46	50	C-ASK 35 x 3,5 L	48.6
	160	160	35	27	18.0	32.5	43.0	82.5	46	50	C-ASK 35 x 4 L	51.3
	160	160	42	36	19.0	35.0	46.0	85.5	55	60	C-ASK 42 x 3 L	64.4
	160	160	42	34	19.0	35.0	46.0	85.5	55	60	C-ASK 42 x 4 L	71.4
	S	315	315	10	7	10.0	24.5	32.0	58.5	19	22	C-ASK 10 x 1,5 S
400		400	10	6	10.0	24.5	32.0	58.5	19	22	C-ASK 10 x 2 S	8.7
315		315	12	8	15.0	29.5	37.0	63.5	22	24	C-ASK 12 x 2 S	10.4
400		400	12	7	15.0	29.5	37.0	63.5	22	24	C-ASK 12 x 2,5 S	11.2
315		315	16	11	16.5	33.0	41.5	74.0	27	30	C-ASK 16 x 2,5 S	18.7
400		400	16	10	16.5	33.0	41.5	74.0	27	30	C-ASK 16 x 3 S	19.6
315		315	20	14	19.0	36.5	47.0	84.0	32	36	C-ASK 20 x 3 S	30.2
315		315	20	13	19.0	36.5	47.0	84.0	32	36	C-ASK 20 x 3,5 S	31.5
400		400	20	12	19.0	36.5	47.0	84.0	32	36	C-ASK 20 x 4 S	32.8
250		250	25	19	19.5	39.5	51.5	93.0	41	46	C-ASK 25 x 3 S	52.4
315		315	25	18	19.5	39.5	51.5	93.0	41	46	C-ASK 25 x 3,5 S	54.5
315		315	25	17	19.5	39.5	51.5	93.0	41	46	C-ASK 25 x 4 S	56.4
400		400	25	15	18.0	39.5	51.5	93.0	41	46	C-ASK 25 x 5 S	60.9
250		250	30	24	23.0	44.5	58.0	102.0	46	50	C-ASK 30 x 3 S	64.0
315		315	30	22	23.0	44.5	58.0	102.0	46	50	C-ASK 30 x 4 S	69.4
315		315	30	20	23.0	44.5	58.0	102.0	46	50	C-ASK 30 x 5 S	74.2
400		400	30	18	23.0	44.5	58.0	102.0	46	50	C-ASK 30 x 6 S	78.4
250		250	38	30	22.0	44.0	60.0	108.5	55	60	C-ASK 38 x 4 S	99.5
315		315	38	28	22.0	44.0	60.0	108.5	55	60	C-ASK 38 x 5 S	106.4
315		315	38	26	22.0	44.0	60.0	108.5	55	60	C-ASK 38 x 6 S	112.7
315	315	38	24	22.0	44.0	60.0	108.5	55	60	C-ASK 38 x 7 S	118.5	

*Replace the character "C" with "CF" when you require steel!
C = Stainless Steel, 1.4571 (Seal FKM) CF = Galvanized Steel Phosphate Conversion Coating (Seal NBR)

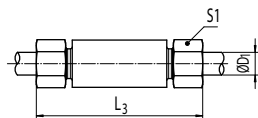
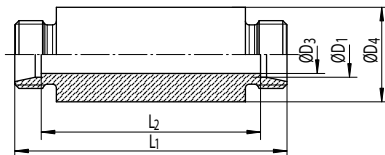


C-ESV Weld Bulkhead

24° Tube Connection
(DIN EN ISO 8434-1)



C-SKA



Series	PN [bar]		ØD ₁ [mm]	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	Ordering Code*	kg/ 100
	C	CF									
L	315	500	6	4	18	70	56	86	14	C-ESV06 L X	10.6
			8	6	20	70	56	86	17	C-ESV08 L X	12.6
			10	8	22	72	58	88	19	C-ESV10 L X	14.8
	315	400	12	10	25	72	58	88	22	C-ESV12 L X	18.3
			15	12	28	84	70	100	27	C-ESV15 L X	27.3
			18	15	32	84	69	102	32	C-ESV18 L X	34.5
	160	250	22	19	36	88	73	106	36	C-ESV22 L X	41.4
			28	24	40	88	73	106	41	C-ESV28 L X	46.7
			35	30	50	92	71	114	50	C-ESV35 L X	74.6
			42	36	60	92	70	116	60	C-ESV42 L X	103.6
S	630	800	6	4	20	74	60	90	17	C-ESV06 S X	14.0
			8	5	22	74	50	90	19	C-ESV08 S X	16.8
			10	7	25	74	59	92	22	C-ESV10 S X	20.8
	630	630	12	8	28	74	59	92	24	C-ESV12 S X	25.8
			14	10	30	88	72	108	27	C-ESV14 S X	34.6
	400	630	16	12	35	88	71	108	30	C-ESV16 S X	45.5
	400	400	20	16	38	92	71	114	36	C-ESV20 S X	53.2
			25	20	45	96	72	120	46	C-ESV25 S X	74.8
			30	25	50	100	73	126	50	C-ESV30 S X	90.6
	250	400	38	32	60	104	72	134	60	C-ESV38 S X	129.4

*Replace the character "C" with "CF" when you require steel!
C = Stainless Steel, 1.4571 CF = Galvanized Steel Phosphate Conversion Coating

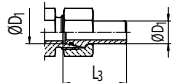
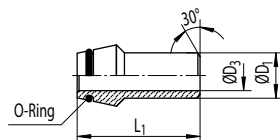


C-SKA 24° Welding Cone

Weld Connection /
24° Weld Nipple (DIN EN ISO 8434-1)



C-SKAR



Series	PN [bar]		ØD ₁ [mm]	ØD ₃ [mm]	L ₁ [mm]	L ₃ [mm]	Ordering Code*	kg/100
	C	CF						
L/S	400	400	6	3	31.0	32.0	C-SKA 06 X 1,5	0.7
	400	400	8	5	31.0	32.0	C-SKA 08 X 1.5	0.9
	500	500	8	4	31.0	32.0	C-SKA 08 X 2	1.1
	315	315	10	7	32.5	33.5	C-SKA 10 X 1.5	1.3
	400	400	10	6	32.5	33.5	C-SKA 10 X 2	1.6
	315	315	12	8	32.5	33.5	C-SKA 12 X 2	1.9
	400	400	12	7	32.5	33.5	C-SKA 12 X 2.5	2.2
L	315	315	15	10	34.5	35.5	C-SKA 15 X 2.5	3.0
	315	315	18	13	36.0	37.5	C-SKA 18 X 2.5	3.8
	160	160	22	17	38.5	40.0	C-SKA 22 X 2.5	5.3
	160	160	28	23	41.5	43.0	C-SKA 28 X 2.5	7.4
	160	160	28	22	41.5	43.0	C-SKA 28 X 3	8.4
	160	160	35	29	47.5	50.0	C-SKA 35 X 3	12.7
	160	160	35	28	47.5	50.0	C-SKA 35 X 3.5	14.3
	160	160	35	27	47.5	50.0	C-SKA 35 X 4	15.9
	160	160	42	36	47.5	50.5	C-SKA 42 X 3	15.4
	160	160	42	34	47.5	50.5	C-SKA 42 X 4	19.5
S	400	400	14	8	38.5	40.0	C-SKA 14 X 3	3.4
	315	315	16	11	39.0	41.0	C-SKA 16 X 2.5	3.6
	400	400	16	10	39.0	41.0	C-SKA 16 X 3	4.1
	315	315	20	14	45.0	47.5	C-SKA 20 X 3	6.5
	400	400	20	13	45.0	47.5	C-SKA 20 X 3.5	7.2
	400	400	20	12	45.0	47.5	C-SKA 20 X 4	7.9
	250	250	25	19	49.5	53.5	C-SKA 25 X 3	9.0
	315	315	25	18	49.5	53.5	C-SKA 25 X 3.5	10.1
	350	350	25	17	49.5	53.5	C-SKA 25 X 4	11.1
	400	400	25	15	49.5	53.5	C-SKA 25 X 5	13.0
	250	250	30	24	52.0	57.5	C-SKA 30 X 3	11.6
	315	315	30	22	52.0	57.5	C-SKA 30 X 4	14.5
	350	350	30	20	52.0	57.5	C-SKA 30 X 5	17.1
	400	400	30	18	52.0	57.5	C-SKA 30 X 6	19.4
	160	160	38	32	56.5	64.5	C-SKA 38 X 3	16.3
	250	250	38	30	56.5	64.5	C-SKA 38 X 4	20.5
	315	315	38	28	56.5	64.5	C-SKA 38 X 5	24.4
315	315	38	26	56.5	64.5	C-SKA 38 X 6	28.0	
315	315	38	24	56.5	64.5	C-SKA 38 X 7	31.3	

*Replace the character "C" with "CF" when you require steel!

C = Stainless Steel, 1.4571 (Seal FKM) CF = Galvanized Steel Phosphate Conversion Coating (Seal NBR)

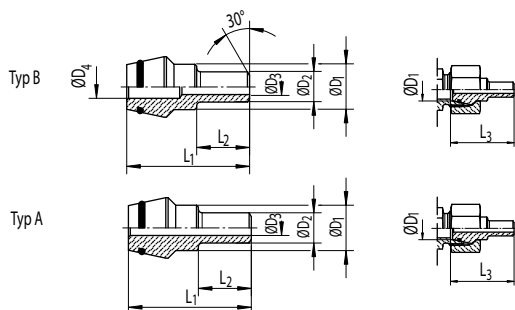


C-SKAR Reducing Weld Nipple (L, S)

Weld Connection /
24° Weld Nipple (DIN EN ISO 8434-1)



C-SKAR (S)



Series	PN [bar]		ØD ₁ [mm]	ØD ₂ [mm]	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	Type	Ordering Code*	kg/ 100
	C	CF										
L	400	400	8	6	3	4	31.0	12	32.0	B	C-SKAR 08/06x1.5	1.0
	400	400	10	6	3	5	32.5	12	33.5	B	C-SKAR 10/06x1.5	1.5
	500	500	10	6	2	5	32.5	12	33.5	B	C-SKAR 10/06x2	1.5
	400	400	10	8	5		32.5	12	33.5	A	C-SKAR 10/08x1.5	1.5
	500	500	10	8	4		32.5	12	33.5	A	C-SKAR 10/08x2	1.7
	500	500	12	6	2	6	32.5	14	33.5	B	C-SKAR 12/06x2	1.9
	400	400	12	8	5		32.5	14	33.5	A	C-SKAR 12/08x1.5	2.0
	500	500	12	8	4	6	32.5	14	33.5	B	C-SKAR 12/08x2	2.0
	315	315	12	10	7		32.5	14	33.5	A	C-SKAR 12/10x1.5	1.9
	160	160	18	15	12		36.0	16	37.5	A	C-SKAR 18/15x1.5	3.5
S	160	160	22	18	15		38.5	18	40.0	A	C-SKAR 22/18x1.5	5.1
	160	160	28	15	12	23	41.5	21	43.0	B	C-SKAR 28/15x1.5	7.1
	100	100	28	18	15	23	41.5	21	43.0	B	C-SKAR 28/18x1.5	7.1
	160	160	28	22	18	23	41.5	21	43.0	B	C-SKAR 28/22x2	7.0
	100	100	35	15	12	29	47.5	25	50.0	B	C-SKAR 35/15x1.5	11.7
	100	100	35	18	15	29	47.5	25	50.0	B	C-SKAR 35/18x1.5	11.6
	100	100	35	22	18	29	47.5	25	50.0	B	C-SKAR 35/22x2	12.2
	100	100	35	28	24	29	47.5	25	50.0	B	C-SKAR 35/28x2	11.2
	100	100	42	18	15	36	47.5	28	50.5	B	C-SKAR 42/18x1.5	15.6
	100	100	42	22	18	36	47.5	28	50.5	B	C-SKAR 42/22x2	15.6
	100	100	42	28	24	36	47.5	28	50.5	B	C-SKAR 42/28x2	15.4
	100	100	42	35	31		47.5	28	50.5	A	C-SKAR 42/35x2	13.4

*Replace the character "C" with "CF" when you require steel!

C = Stainless Steel, 1.4571 (Seal FKM) CF = Galvanized Steel Phosphate Conversion Coating (Seal NBR)

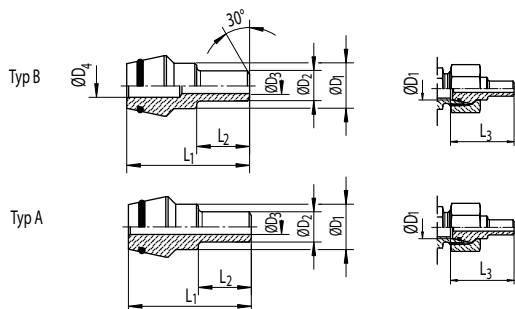


C-SKAR Reducing Weld Nipple (S)

Weld Connection /
24° Weld Nipple (DIN EN ISO 8434-1)



C-SKAR (S)



Series	PN [bar]		ØD ₁ [mm]	ØD ₂ [mm]	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	Type	Ordering Code*	kg/100
	C	CF										
S	400	400	16	6	3	10	39.0	15	41.0	B	C-SKAR 16/06x1.5	3.2
	400	400	16	8	5	10	39.0	15	41.0	B	C-SKAR 16/08x1.5	3.3
	400	400	16	10	6	10	39.0	15	41.0	B	C-SKAR 16/10x2	3.5
	300	300	16	12	9		39.0	15	41.0	A	C-SKAR 16/12x1.5	3.6
	400	400	16	12	8		39.0	15	41.0	A	C-SKAR 16/12x2	4.0
	400	400	16	12	7		39.0	15	41.0	A	C-SKAR 16/12x2.5	4.3
	315	315	20	10	6	12	45.0	17	47.5	B	C-SKAR 20/10x2	6.4
	250	250	20	12	9		45.0	17	47.5	A	C-SKAR 20/12x1.5	7.0
	315	315	20	12	8	12	45.0	17	47.5	B	C-SKAR 20/12x2	6.5
	400	400	20	12	7	12	45.0	17	47.5	B	C-SKAR 20/12x2.5	6.7
	400	400	20	12	6	12	45.0	17	47.5	B	C-SKAR 20/12x3	6.9
	250	250	20	16	12		45.0	17	47.5	A	C-SKAR 20/16x2	6.4
	315	315	20	16	11		45.0	17	47.5	A	C-SKAR 20/16x2.5	7.1
	400	400	20	16	10		45.0	17	47.5	A	C-SKAR 20/16x3	7.7
	315	315	25	10	6	16	49.5	20	53.5	B	C-SKAR 25/10x2	9.6
	300	300	25	12	9	16	49.5	20	53.5	B	C-SKAR 25/12x1.5	9.4
	315	315	25	12	8	16	49.5	20	53.5	B	C-SKAR 25/12x2	9.7
	400	400	25	12	7	16	49.5	20	53.5	B	C-SKAR 25/12x2.5	9.9
	400	400	25	12	6	16	49.5	20	53.5	B	C-SKAR 25/12x3	10.1
	250	250	25	16	12	16	49.5	20	53.5	B	C-SKAR 25/16x2	9.7
	315	315	25	16	11	16	49.5	20	53.5	B	C-SKAR 25/16x2.5	10.1
	400	400	25	16	10	16	49.5	20	53.5	B	C-SKAR 25/16x3	10.4
	250	250	25	20	16		49.5	20	53.5	A	C-SKAR 25/20x2	9.5
	315	315	25	20	14		49.5	20	53.5	A	C-SKAR 25/20x3	11.3
	400	400	25	20	12	16	49.5	20	53.5	B	C-SKAR 25/20x4	11.4

*Replace the character "C" with "CF" when you require steel!
C = Stainless Steel, 1.4571 (Seal FKM) **CF** = Galvanized Steel Phosphate Conversion Coating (Seal NBR)

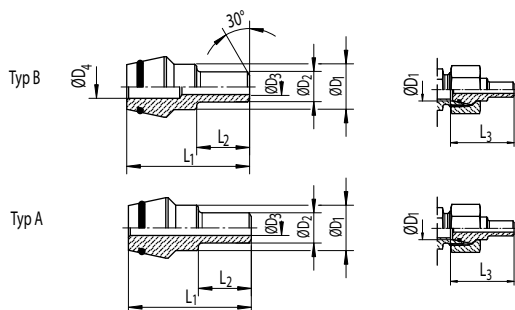


C-SKAR Reducing Weld Nipple (S)

Weld Connection /
24° Weld Nipple (DIN EN ISO 8434-1)



Non-Return Valves Overview



Series	PN [bar]		ØD ₁ [mm]	ØD ₂ [mm]	ØD ₃ [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	Type	Ordering Code*	kg/100
	C	CF										
S	250	250	30	10	7	22	52.0	22	57.5	B	C-SKAR 30/10x1.5	12.3
	250	250	30	12	9	22	52.0	22	57.5	B	C-SKAR 30/12x1.5	12.4
	315	315	30	12	8	22	52.0	22	57.5	B	C-SKAR 30/12x2	12.7
	400	400	30	12	6	11	52.0	22	57.5	B	C-SKAR 30/12x3	17.7
	250	250	30	16	12	22	52.0	22	57.5	B	C-SKAR 30/16x2	12.3
	315	315	30	16	11	22	52.0	22	57.5	B	C-SKAR 30/16x2.5	12.7
	250	250	30	20	16	22	52.0	22	57.5	B	C-SKAR 30/20x2	12.2
	250	250	30	20	15	22	52.0	22	57.5	B	C-SKAR 30/20x2.5	12.8
	315	315	30	20	14	22	52.0	22	57.5	B	C-SKAR 30/20x3	13.3
	400	400	30	20	12	22	52.0	22	57.5	B	C-SKAR 30/20x4	14.2
	250	250	30	25	19		52.0	22	57.5	A	C-SKAR 30/25x3	14.8
	315	315	30	25	17	22	52.0	22	57.5	B	C-SKAR 30/25x4	14.6
	250	250	38	12	9	28	56.5	26	64.5	B	C-SKAR 38/12x1.5	19.5
	250	250	38	12	8	28	56.5	26	64.5	B	C-SKAR 38/12x2	19.8
	250	250	38	16	12	28	56.5	26	64.5	B	C-SKAR 38/16x2	20.0
	315	315	38	16	10	28	56.5	26	64.5	B	C-SKAR 38/16x3	20.9
	250	250	38	20	16	28	56.5	26	64.5	B	C-SKAR 38/20x2	19.9
	315	315	38	20	14	28	56.5	26	64.5	B	C-SKAR 38/20x3	21.2
	315	315	38	20	12	28	56.5	26	64.5	B	C-SKAR 38/20x4	22.3
	250	250	38	25	20	28	56.5	26	64.5	B	C-SKAR 38/25x2.5	19.9
	250	250	38	25	19	28	56.5	26	64.5	B	C-SKAR 38/25x3	20.7
	315	315	38	25	17	28	56.5	26	64.5	B	C-SKAR 38/25x4	22.2
	250	250	38	30	24	28	56.5	26	64.5	B	C-SKAR 38/30x3	20.5
	315	315	38	30	22	28	56.5	26	64.5	B	C-SKAR 38/30x4	22.5
	315	315	38	30	20	28	56.5	26	64.5	B	C-SKAR 38/30x5	24.2

*Replace the character "C" with "CF" when you require steel!
C = Stainless Steel, 1.4571 (Seal FKM) **CF** = Galvanized Steel Phosphate Conversion Coating (Seal NBR)

NON-RETURN VALVES
OVERVIEW

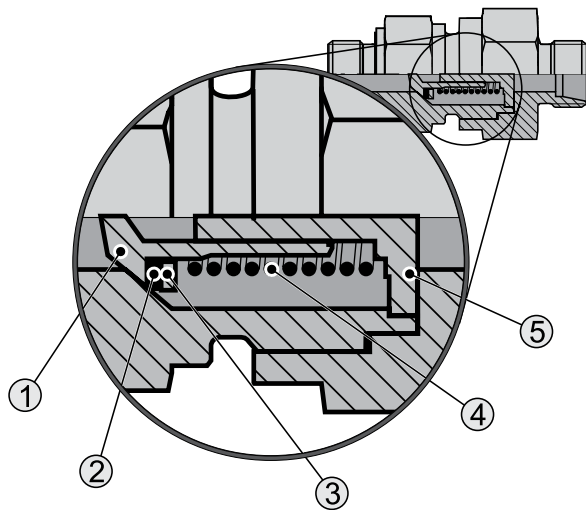
Non-Return Valve
24° Tube Connection

Non-Return Valve
Female BSPP Thread

Non-Return Valve
(Flow from Stud Connector)
Male stud connector - Captive seal /
24° Tube Connection

Non-Return Valve
(Flow to Stud Connector)
Metric Male Stud Connector - Captive
seal /
24° Tube Connection

CONEXA Non-Return Valves
Design



- 1: Poppet
- 2: Sealing Disc
- 3: Cover Disc
- 4: Spring
- 5: Passage Disc

Technical Specification:

Non-Return Valve closing with poppet with integrated elastomeric sealing disc. Spring fixed in position with shaft, ensuring center position of the poppet. The design of the inside parts results in an optimized flow without obstruction of the cross section. Any flow velocity above 8 m/s should be avoided in general.

Opening Pressure:

The standard opening pressure is 1 bar
Other opening pressures are available upon request such as 0.2 bar to 6 bar (specify in your order). The tolerance for the opening pressure is $\pm 20\%$. The permissible operating pressures are specified in the according tables.

Materials:

- Galvanized steel (Cr(VI)-free), standard NBR seals.
- Stainless steel (1.4571), standard FKM seals

Assembly:

See installation guide. The valves must be fixed in place with a spanner in order to prevent that they are unscrewed during installation.

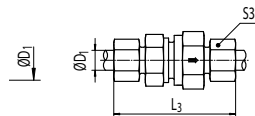
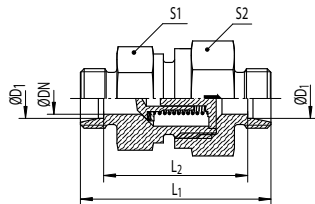
Application:

Check the compatibility with the medium before usage. Not suitable for steam, oxygen, and explosive or flammable gases.

C-RHD Non-Return Valve
24° Tube Connection
(DIN EN ISO 8434-1)



C-RHDI



Series	PN [bar]		ØD ₁ [mm]	ØDN [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code*	kg/100
	C	CF										
L	250	400	06	3.5	43.0	29.0	59.0	17	17	14	C-RHD 06 L OMD	4.6
			08	5.5	44.0	30.0	60.0	19	19	17	C-RHD 08 L OMD	5.5
			10	7.5	54.5	40.5	70.5	22	24	19	C-RHD 10 L OMD	10.2
			12	9.5	57.5	43.5	73.5	27	30	22	C-RHD 12 L OMD	16.2
			15	11.5	61.5	47.5	77.5	27	32	27	C-RHD 15 L OMD	19.0
	160	400	18	14.0	66.5	51.5	84.5	36	36	32	C-RHD 18 L OMD	27.8
	100	250	22	18.0	76.5	61.5	94.5	41	46	36	C-RHD 22 L OMD	44.7
			28	23.0	84.5	69.5	102.5	50	55	41	C-RHD 28 L OMD	72.9
35			29.0	95.5	74.5	117.5	60	60	50	C-RHD 35 L OMD	103.8	
S	400	400	06	3.5	48.5	34.5	64.5	19	19	17	C-RHD 06 S OMD	6.9
			08	3.5	48.5	34.5	64.5	19	19	19	C-RHD 08 S OMD	7.4
			10	5.5	55.5	40.5	73.5	22	24	22	C-RHD 10 S OMD	12.2
			12	7.5	57.5	42.5	75.5	24	27	24	C-RHD 12 S OMD	14.9
	315	400	14	9.5	63.5	47.5	83.5	27	32	27	C-RHD 14 S OMD	20.2
			16	11.5	67.5	50.5	87.5	32	36	30	C-RHD 16 S OMD	28.3
	250	400	20	15.0	75.5	54.5	97.5	41	46	36	C-RHD 20 S OMD	50.0
			25	19.0	82.5	58.5	106.5	46	50	46	C-RHD 25 S OMD	62.1
	250	250	30	24.0	96.5	69.5	122.5	60	60	50	C-RHD 30 S OMD	114.5
			38	29.0	107.5	75.5	137.5	65	70	60	C-RHD 38 S OMD	163.5

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

CONEXA Non-Return Valves are shipped with an opening pressure of 1 bar as standard. Tolerance for the opening pressure ± 20%. CONEXA Non-Return Valves with other opening pressures and other seal materials are available upon request. Please contact us.

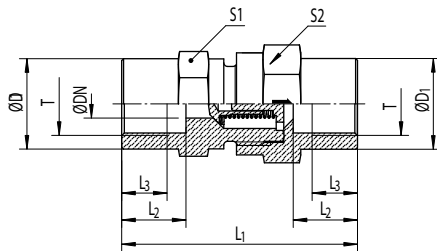


C-RHDI Non-Return Valve

Female BSPP Thread
(ISO 1179-1)



C-RHV-M-WD



PN [bar]		T	ØDN [mm]	ØD ₁ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	S1 [mm]	S2 [mm]	Ordering Code *	kg/100
C	CF										
400	400	G 1/8	3.5	19	42.5	12.0	8.0	19	19	C-RHDI1/8	7.7
		G 1/4	3.5	19	51.0	16.0	12.0	19	19	C-RHDI1/4	8.0
		G 3/8	7.5	24	60.0	17.0	12.0	24	27	C-RHDI3/8	16.6
315	315	G 1/2	11.5	32	72.0	20.0	15.0	32	36	C-RHDI1/2	35.6
250	250	G 3/4	15.0	41	84.0	22.0	16.5	41	46	C-RHDI3/4	68.7
		G1	19.0	46	95.0	25.5	19.0	46	50	C-RHDI1	85.8
		G1 1/4	24.0	60	110.0	28.0	21.5	60	60	C-RHDI1 1/4	156.1
		G 1 1/2	29.0	65	114.0	28.5	22.0	65	70	C-RHDI1 1/2	194.2

*Replace the character "C" with "CF" when you require steel!

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

CONEXA Non-Return Valves are shipped with an opening pressure of 1 bar as standard. Tolerance for the opening pressure $\pm 20\%$. CONEXA Non-Return Valves with other opening pressures and other seal materials are available upon request. Please contact us.



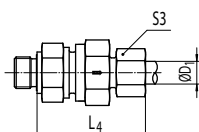
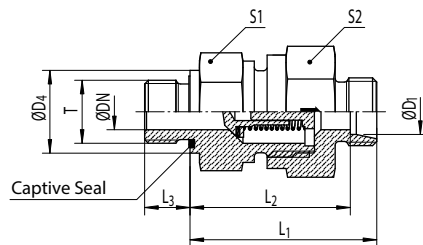
C-RHV-M-WD

Non-Return Valve - (Flow from Stud Connector)

Metric Male Stud Connector with Captive seal (ISO 9974, Type E) /
24° Tube Connection (DIN EN ISO 8434-1)



C-RHV-R-WD



Series	PN [bar]		ØD ₁ [mm]	T	ØDN [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code *	kg/100
	C	CF													
L	250	400	06	M10x1	3.5	14	35.0	28.0	8	43.0	17	17	14	C-RHV 06 LM WD OMD	4.7
			08	M12x1.5	5.5	17	36.0	29.0	12	44.0	19	19	17	C-RHV 08 LM WD OMD	6.1
			10	M14x1.5	7.5	19	45.5	38.5	12	53.5	22	24	19	C-RHV 10 LM WD OMD	10.4
			12	M16x1.5	9.5	22	49.5	42.5	12	57.5	27	30	22	C-RHV 12 LM WD OMD	17.0
			15	M18x1.5	11.5	24	52.5	45.5	12	60.5	27	32	27	C-RHV 15 LM WD OMD	19.3
	160	400	18	M22x1.5	14.0	27	57.5	50.0	14	66.5	36	36	32	C-RHV 18 LM WD OMD	29.2
			22	M26x1.5	18.0	32	62.5	55.0	16	71.5	41	46	36	C-RHV 22 LM WD OMD	43.4
	100	250	28	M33x2	23.0	40	70.5	63.0	18	79.5	50	55	41	C-RHV 28 LM WD OMD	71.2
			35	M42x2	29.0	50	79.5	69.0	20	90.5	60	60	50	C-RHV 35 LM WD OMD	102.3
			42	M48x2	29.0	55	79.5	68.5	22	91.5	65	70	60	C-RHV 42 LM WD OMD	153.4
S	400	400	06	M12x1.5	3.5	17	38.5	31.5	12	46.5	19	19	17	C-RHV 06 SM WD OMD	6.8
			08	M14x1.5	3.5	19	38.5	31.5	12	46.5	19	19	19	C-RHV 08 SM WD OMD	7.6
			10	M16x1.5	5.5	22	45.5	38.0	12	54.5	22	24	22	C-RHV 10 SM WD OMD	12.3
			12	M18x1.5	7.5	24	48.5	41.0	12	57.5	24	27	24	C-RHV 12 SM WD OMD	15.8
	315	400	14	M20x1.5	9.5	26	52.5	44.5	14	62.5	27	32	27	C-RHV 14 SM WD OMD	21.3
			16	M22x1.5	11.5	27	56.5	48.0	14	66.5	32	36	30	C-RHV 16 SM WD OMD	28.7
	250	400	20	M27x2	15.0	32	62.5	52.0	16	73.5	41	46	36	C-RHV 20 SM WD OMD	49.8
			25	M33x2	19.0	40	66.5	54.5	18	78.5	46	50	46	C-RHV 25 SM WD OMD	62.0
	250	250	30	M42x2	24.0	50	77.5	64.0	20	90.5	60	60	50	C-RHV 30 SM WD OMD	115.5
			38	M48x2	29.0	55	85.5	69.5	22	100.5	65	70	60	C-RHV 38 SM WD OMD	162.4

*Replace the character "C" with "CF" when you require steel!

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

CONEXA Non-Return Valves are shipped with an opening pressure of 1 bar as standard. Tolerance for the opening pressure ± 20%. CONEXA Non-Return Valves with other opening pressures and other seal materials are available upon request. Please contact us.



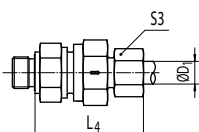
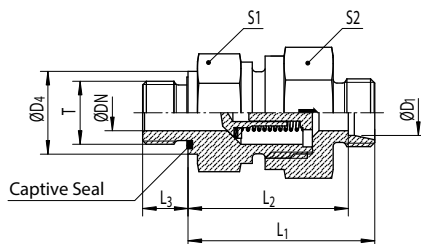
C-RHV-R-WD

Non-Return Valve - (Flow from Stud Connector)

Male BSPP Stud Connector with Captive seal (ISO 1179, Type E) /
24° Tube Connection (DIN EN ISO 8434-1)



C-RHZ-M-WD



Series	PN [bar]		ØD ₁ [mm]	T	ØDN [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code *	kg/100
	C	CF													
L	250	400	06	G1/8A	3.5	14	35.0	28.0	8	43.0	17	17	14	C-RHV 06 LR WD OMD	4.6
			08	G1/4A	5.5	19	37.0	30.0	12	45.0	19	19	17	C-RHV 08 LR WD OMD	6.3
			10	G1/4A	7.5	19	45.5	38.5	12	53.5	22	24	19	C-RHV 10 LR WD OMD	10.3
			12	G3/8A	9.5	22	49.5	42.5	12	57.5	27	30	22	C-RHV 12 LR WD OMD	17.1
			15	G1/2A	11.5	27	52.5	45.5	14	60.5	27	32	27	C-RHV 15 LR WD OMD	20.3
	160	400	18	G1/2A	14.0	27	57.5	50.0	14	66.5	36	36	32	C-RHV 18 LR WD OMD	28.4
	160	250	22	G3/4A	18.0	32	62.5	55.0	16	71.5	41	46	36	C-RHV 22 LR WD OMD	43.5
	100	250	28	G1A	23.0	40	70.5	63.0	18	79.5	50	55	41	C-RHV 28 LR WD OMD	71.8
			35	G1 1/4A	29.0	50	79.5	69.0	20	90.5	60	60	50	C-RHV 35 LR WD OMD	103.0
			42	G1 1/2A	29.0	55	79.5	68.5	22	91.5	65	70	60	C-RHV 42 LR WD OMD	154.1
S	400	400	06	G1/4A	3.5	19	38.5	31.5	12	46.5	19	19	17	C-RHV 06 SR WD OMD	7.2
			08	G1/4A	3.5	19	38.5	31.5	12	46.5	19	19	19	C-RHV 08 SR WD OMD	7.4
			10	G3/8A	5.5	22	45.5	38.0	12	54.5	22	24	22	C-RHV 10 SR WD OMD	12.6
			12	G3/8A	7.5	22	48.5	41.0	12	57.5	24	27	24	C-RHV 12 SR WD OMD	15.4
	315	400	14	G1/2A	9.5	27	52.5	44.5	14	62.5	27	32	27	C-RHV 14 SR WD OMD	21.6
			16	G1/2A	11.5	27	56.5	48.0	14	66.5	32	36	30	C-RHV 16 SR WD OMD	28.8
	250	400	20	G3/4A	15.0	32	62.5	52.0	16	73.5	41	46	36	C-RHV 20 SR WD OMD	50.1
			25	G1A	19.0	40	66.5	54.5	18	78.5	46	50	46	C-RHV 25 SR WD OMD	62.1
	250	250	30	G1 1/4A	24.0	50	77.5	64.0	20	90.5	60	60	50	C-RHV 30 SR WD OMD	116.0
			38	G1 1/2A	29.0	55	85.5	69.5	22	100.5	65	70	60	C-RHV 38 SR WD OMD	160.0

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

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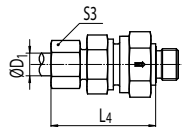
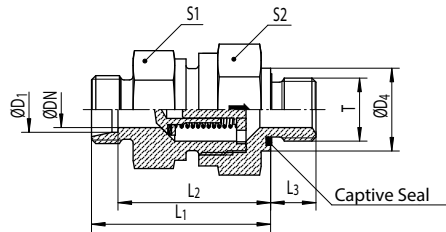
C-RHZ-M-WD

Non-Return Valve - (Flow to Stud Connector)

Metric Male Stud Connector with Captive seal (ISO 9974, Type E)
24° Tube Connection (DIN EN ISO 8434-1)



C-RHZ-R-WD



Series	PN [bar]		ØD ₁ [mm]	T	ØDN [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S ₁ [mm]	S ₂ [mm]	S ₃ [mm]	Ordering Code *	kg/100
	C	CF													
L	250	400	06	M10x1	3.5	14	33.5	26.5	8	41.5	17	17	14	C-RHZ 06 LM WD OMD	4.5
			08	M12x1.5	5.5	17	35.5	28.5	12	43.5	19	19	17	C-RHZ 08 LM WD OMD	5.6
			10	M14x1.5	7.5	19	45.5	38.5	12	53.5	22	24	19	C-RHZ 10 LM WD OMD	10.5
			12	M16x1.5	9.5	22	47.5	40.5	12	55.5	27	30	22	C-RHZ 12 LM WD OMD	15.9
			15	M18x1.5	11.5	24	49.5	42.5	12	57.5	27	32	27	C-RHZ 15 LM WD OMD	17.5
	160	400	18	M22x1.5	14.0	27	55.5	48.0	14	64.5	36	36	32	C-RHZ 18 LM WD OMD	27.5
	160	250	22	M26x1.5	18.0	32	63.5	56.0	16	72.5	41	46	36	C-RHZ 22 LM WD OMD	44.1
	100	160	28	M33x2	23.0	40	71.5	64.0	18	80.5	50	55	41	C-RHZ 28 LM WD OMD	71.5
			35	M42x2	29.0	50	80.5	70.0	20	91.5	60	60	50	C-RHZ 35 LM WD OMD	107.1
			42	M48x2	29.0	55	81.5	70.5	22	93.5	65	70	60	C-RHZ 42 LM WD OMD	158.4
S	400	400	06	M12x1.5	3.5	17	38.5	31.5	12	46.5	19	19	17	C-RHZ 06 SM WD OMD	6.9
			08	M14x1.5	3.5	19	38.5	31.5	12	46.5	19	19	19	C-RHZ 08 SM WD OMD	7.6
			10	M16x1.5	5.5	22	45.5	38.0	12	54.5	22	24	22	C-RHZ 10 SM WD OMD	12.5
			12	M18x1.5	7.5	24	48.5	41.0	12	57.5	24	27	24	C-RHZ 12 SM WD OMD	15.7
	315	400	14	M20x1.5	9.5	26	51.5	43.5	14	61.5	27	32	27	C-RHZ 14 SM WD OMD	20.7
			16	M22x1.5	11.5	27	54.5	46.0	14	64.5	32	36	30	C-RHZ 16 SM WD OMD	27.4
	250	400	20	M27x2	15.0	32	60.5	50.0	16	71.5	41	46	36	C-RHZ 20 SM WD OMD	51.0
			25	M33x2	19.0	40	66.5	54.5	18	78.5	46	50	46	C-RHZ 25 SM WD OMD	62.7
	250	250	30	M42x2	24.0	50	77.5	64.0	20	90.5	60	60	50	C-RHZ 30 SM WD OMD	116.1
			38	M48x2	29.0	55	87.5	71.5	22	102.5	65	70	60	C-RHZ 38 SM WD OMD	165.3

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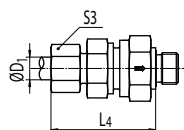
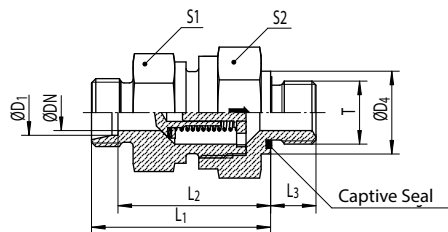
C-RHZ-R-WD

Non-Return Valve - (Flow to Stud Connector)

Male BSPP Stud Connector with Captive seal (ISO 1179, Type E)
24° Tube Connection (DIN EN ISO 8434-1)



Tubes
Overview



Series	PN [bar]		ØD ₁ [mm]	T	ØDN [mm]	ØD ₄ [mm]	L ₁ [mm]	L ₂ [mm]	L ₃ [mm]	L ₄ [mm]	S1 [mm]	S2 [mm]	S3 [mm]	Ordering Code *	kg/100
	C	CF													
L	250	400	06	G1/8A	3.5	14	33.5	26.5	8	41.5	17	17	14	C-RHZ 06 LR WD OMD	4.4
			08	G1/4A	5.5	19	35.5	28.5	12	43.5	19	19	17	C-RHZ 08 LR WD OMD	5.8
			10	G1/4A	7.5	19	45.5	38.5	12	53.5	22	24	19	C-RHZ 10 LR WD OMD	10.5
			12	G3/8A	9.5	22	47.5	40.5	12	55.5	27	30	22	C-RHZ 12 LR WD OMD	16.0
			15	G1/2A	11.5	27	49.5	42.5	14	57.5	27	32	27	C-RHZ 15 LR WD OMD	18.8
	160	400	18	G1/2A	14.0	27	55.5	48.0	14	64.5	36	36	32	C-RHZ 18 LR WD OMD	26.9
	160	250	22	G3/4A	18.0	32	63.5	56.0	16	72.5	41	46	36	C-RHZ 22 LR WD OMD	43.9
	100	160	28	G1A	23.0	40	71.5	64.0	18	80.5	50	55	41	C-RHZ 28 LR WD OMD	71.6
			35	G1 1/4A	29.0	50	80.5	70.0	20	91.5	60	60	50	C-RHZ 35 LR WD OMD	106.2
			42	G1 1/2A	29.0	55	81.5	70.5	22	93.5	65	70	60	C-RHZ 42 LR WD OMD	157.2
S	400	400	06	G1/4A	3.5	19	38.5	31.5	12	46.5	19	19	17	C-RHZ 06 SR WD OMD	7.1
			08	G1/4A	3.5	19	38.5	31.5	12	46.5	19	19	19	C-RHZ 08 SR WD OMD	7.4
			10	G3/8A	5.5	22	45.5	38.0	12	54.5	22	24	22	C-RHZ 10 SR WD OMD	12.7
			12	G3/8A	7.5	22	48.5	41.0	12	57.5	24	27	24	C-RHZ 12 SR WD OMD	15.4
	315	400	14	G1/2A	9.5	27	51.5	43.5	14	61.5	27	32	27	C-RHZ 14 SR WD OMD	21.1
			16	G1/2A	11.5	27	54.5	46.0	14	64.5	32	36	30	C-RHZ 16 SR WD OMD	27.4
	250	400	20	G3/4A	15.0	32	60.5	50.0	16	71.5	41	46	36	C-RHZ 20 SR WD OMD	47.6
			25	G1A	19.0	40	66.5	54.5	18	78.5	46	50	46	C-RHZ 25 SR WD OMD	62.0
	250	250	30	G1 1/4A	24.0	50	77.5	64.0	20	90.5	60	60	50	C-RHZ 30 SR WD OMD	114.1
			38	G1 1/2A	29.0	55	87.5	71.5	22	102.5	65	70	60	C-RHZ 38 SR WD OMD	164.7

*Replace the character "C" with "CF" when you require steel!

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TUBES OVERVIEW

Stainless Steel Tubes:

- Available off-the-shelf on short notice
- Precision tubes from European producers
- Lengths up to 6 m
- Cut to customized length upon request
- Express delivery upon request
- Shipped with plastic seals upon request

Seamless Stainless Steel Tubes

Material 1.471, AISI 316Ti

Tolerance in acc. with DIN EN 10305-1

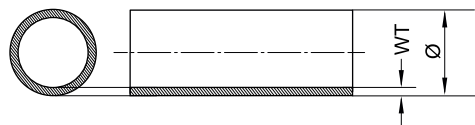
C-R Seamless Stainless Steel Tubes

Material 1.471, AISI 316Ti

Tolerance in acc. with DIN EN 10305-1



C-R
22-42 mm



Ø [mm]	WT [mm]	Ordering Code	Weight [kg/m]
6.0	1.0	C-R 06,0 x 1,0 X	0.125
6.0	1.5	C-R 06.0 x 1.5 X	0.169
8.0	1.0	C-R 08,0 x 1,0 X	0.175
8.0	1.5	C-R 08.0 x 1.5 X	0.244
10.0	1.0	C-R 10.0 x 1.0 X	0.225
10.0	1.5	C-R 10.0 x 1.5 X	0.319
10.0	2.0	C-R 10.0 x 2.0 X	0.401
12.0	1.0	C-R 12.0 x 1.0 X	0.275
12.0	1.5	C-R 12.0 x 1.5 X	0.394
12.0	2.0	C-R 12.0 x 2.0 X	0.501
14.0	2.0	C-R 14.0 x 2.0 X	0.601
14.0	2.5	C-R 14.0 x 2.5 X	0.72
15.0	1.5	C-R 15.0 x 1.5 X	0.507
16.0	2.0	C-R 16.0 x 2.0 X	0.701
16.0	2.5	C-R 16.0 x 2.5 X	0.845
18.0	1.5	C-R 18.0 x 1.5 X	0.62
18.0	2.0	C-R 18.0 x 2.0 X	0.801
20.0	2.0	C-R 20.0 x 2.0 X	0.901
20.0	2.5	C-R 20.0 x 2.5 X	1.096
20.0	3.0	C-R 20.0 x 3.0 X	1.277

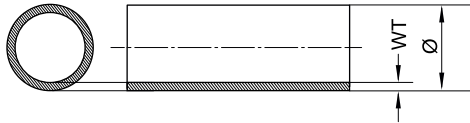


C-R Seamless Stainless Steel Tubes

Material 1.471, AISI 316Ti
Tolerance in acc. with DIN EN 10305-1



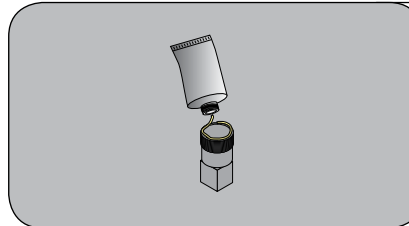
Tempered Preassembly
Cones
Overview



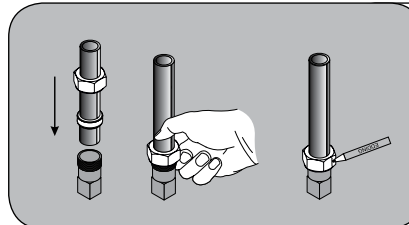
Ø [mm]	WT [mm]	Ordering Code	Weight [kg/m]
22.0	1.5	C-R 22,0 x 1.5 X	0.77
22.0	2.0	C-R 22.0 x 2.0 X	1.002
25.0	2.0	C-R 25.0 x 2.0 X	1.153
25.0	2.5	C-R 25.0 x 2.5 X	1.409
25.0	3.0	C-R 25.0 x 3.0 X	1.653
25.0	4.0	C-R 25.0 x 4.0 X	2.071
28.0	2.0	C-R 28.0 x 2.0 X	1.302
30.0	3.0	C-R 30.0 x 3.0 X	2.028
30.0	4.0	C-R 30.0 x 4.0 X	2.604
35.0	2.0	C-R 35.0 x 2.0 X	1.653
38.0	4.0	C-R 38.0 x 4.0 X	3.405
38.0	5.0	C-R 38.0 x 5.0 X	4.132
38.0	6.0	C-R 38.0 x 6.0 X	4.808
42.0	2.5	C-R 42.0 x 2.5 X	2.003
42.0	3.0	C-R 42.0 x 3.0 X	2.93

TEMPERED PREASSEMBLY CONES
OVERVIEW

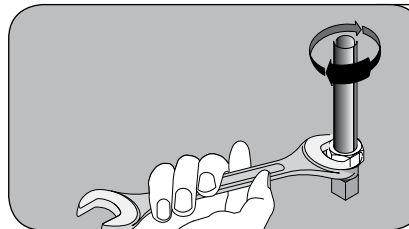
Installation in tempered assembly cone



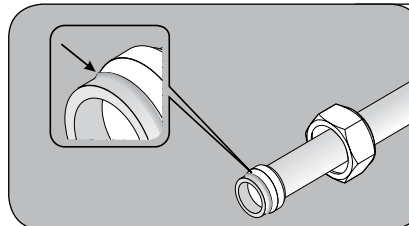
- Fasten assembly cone in vice.
 - Apply lubrication on cone and cone threading before every preassembly.
- Note:** periodically (after approx. every 50 usages) check assembly cone for wear and tear!



- Insert tube with cutting ring and swivel nut into the preassembly cone.
- Note:** push tube into the fitting all the way, otherwise the tube connection might leak!
- Tighten swivel nut by hand.
 - For control of the according rotations of the nut: mark nut.



- Tighten swivel nut with spanner approx. 1 1/4 rotations.
- **Note:** The tube itself may not be turned!
- The required force increases sharply on the last 1/4 rotation.
- Remove swivel nut.

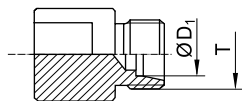


- After preassembly with preassembly cone: check tube end for correct ridge on the tube.
- Note:** The cutting ring can be turned but it cannot slide up and down the tube when it is correctly installed!

Tempered Preassembly Cones
Preassembly cones made of tempered steel for preassembly of cutting ring fittings

C-VOMO Tempered Preassembly Cones

Preassembly cones made of tempered steel for preassembly of cutting ring fittings



Series	Tube D1 [mm]	T	Ordering Code
LL	4	M8x1	C-VOMO 04LL X
	6	M10x1	C-VOMO 06LL X
	8	M12x1	C-VOMO 08LL X
	10	M14x1	C-VOMO 10LL X
	12	M16x1	C-VOMO 12LL X
L	6	M12x1.5	C-VOMO 06L X
	8	M14x1.5	C-VOMO 08L X
	10	M16x1.5	C-VOMO 10L X
	12	M18x1.5	C-VOMO 12L X
	15	M22x1.5	C-VOMO 15L X
	18	M26x1.5	C-VOMO 18L X
	22	M30x2	C-VOMO 22L X
	28	M36x2	C-VOMO 28L X
	35	M45x2	C-VOMO 35L X
S	42	M52x2	C-VOMO 42L X
	6	M14x1.5	C-VOMO 06S X
	8	M16x1.5	C-VOMO 08S X
	10	M18x1.5	C-VOMO 10S X
	12	M20x1.5	C-VOMO 12S X
	14	M22x1.5	C-VOMO 14S X
	16	M24x1.5	C-VOMO 16S X
	20	M30x2	C-VOMO 20S X
	25	M36x2	C-VOMO 25S X
	30	M42x2	C-VOMO 30S X
38	M52x2	C-VOMO 38S X	