TUBE CONNECTION FITTINGS OVERVIEW

Flared Tube Connectors 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



Series	PN [bar] C	PN [bar] CF	ØD1 [mm]	T	L1 [mm]	S1 [mm]	Ordering Code *	kg/ 100
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 L X**	0.3
			8	M14x1.5	14.5	17	**C-M 08 L X**	1.4
			10	M16x1.5	15.5	19	**C-M 10 L X**	1.7
	315	400	12	M18x1.5	15.5	22	**C-M 12 L X**	2.4
			15	M22x1.5	17.0	27	**C-M 15 L X**	4.0
			18	M26x1.5	18.0	32	**C-M 18 L X**	5.8
	160	250	22	M30x2	20.0	36	**C-M 22 L X**	7.9
			28	M36x2	21.0	41	**C-M 28 L X**	9.1
			35	M45x2	24.0	50	**C-M 35 L X**	13.5
			42	M52x2	24.0	60	**C-M 42 L X**	21.6
S	630	800	6	M14x1.5	16.5	17	**C-M 06 S X**	1.6
			8	M16x1.5	16.5	19	**C-M 08 S X**	1.9
			10	M18x1.5	17.5	22	**C-M 10 S X**	2.9
	630	630	12	M20x1.5	17.5	24	**C-M 12 S X**	3.3
			14	M22x1.5	20.5	27	**C-M 14 S X**	5.0
	400	630	16	M24x1.5	20.5	30	**C-M 16 S X**	6.4
	400	400	20	M30x2	24.0	36	**C-M 20 S X**	10.0
			25	M36x2	27.0	46	**C-M 25 S X**	20.6
			30	M42x2	29.0	50	**C-M 30 S X**	22.3
	250	400	38	M52x2	32.5	60	**C-M 38 S X**	32.0

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



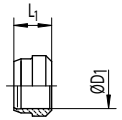
CF-D/CF-DPR

Tube Connection Fittings

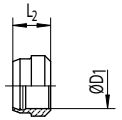
Cutting Ring for
24° Connection, Steel







Cutting Ring
Type D



2-Edge Cutting Ring
DPR Type

Series	PN [bar] CF	ØD1 [mm]	L1 [mm]	L2 [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



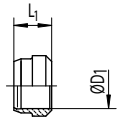
C-D/C-DPR

Tube Connection Fittings

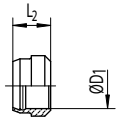
Cutting Ring for
24° Connection - 1.4571







Cutting Ring
Type D



2-Edge Cutting Ring
DPR Type

Series	PN [bar] C	ØD1 [mm]	L1 [mm]	L2 [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
		18	-	9.5	**C-DPR 18 L X**	0.60
	160	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

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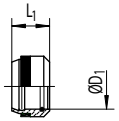


C-B4

Tube Connection Fittings

Cutting Ring for
24° Connection, Type B4





Series	PN [bar] C	PN [bar] CF	ØD1 [mm]	L1 [mm]	Ordering Code *	kg/ 100
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	**C-B4 16 S X**	0.55
			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)

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