DIN / series A

Select by standard and tube size. The EF has a grooved flange (NF) that mates with a collared flange (BF) and an O-ring. The table lists the mating flange outside Ø, the bolt circle Ø and the EF connector outside Ø separately.



EF-Connector
Illustrative image

Size	Tube Ø × wall thk. (mm)	BF flange Ø (mm)	Bolt circle Ø (mm)	EF outside Ø (mm)	Height[2] (mm)	EF model[3]
DN 10	13,0 × 1,5	54	37	87,0	25-200	EF-CSC01000XXX-DIN
DN 15	19 × 1,5	59	42	92,0	25-200	EF-CSC01500XXX-DIN
DN 20	23 × 1,5	64	47	97,0	25-200	EF-CSC02000XXX-DIN
DN 25	29 × 1,5	70	53	103,0	25-400	EF-CSC0250XXX-DIN
DN 32	35 × 1,5	76	59	109,0	25-400	EF-CSC0320XXX-DIN
DN 40	41,0 × 1,5	82	65	117,0	25-400	EF-CSC0400XXX-DIN
DN 50	53 × 1,5	94	77	129,0	25-400	EF-CSC0500XXX-DIN
DN 65	70 × 2	113	95	156,0	40-400	EF-CSC0650XXX-DIN
DN 80	85 × 2	133	112	180,0	40-400	EF-CSC0800XXX-DIN
DN 100	104 × 2	159	137	202,0	40-400	EF-CSC1000XXX-DIN
DN 125	129 × 2	183	161	226,0	40-400	EF-CSC1250XXX-DIN
DN 150	154 × 2	213	188	256,0	60-400	EF-CSC1500XXX-DIN

NF (Nutflansch) is the flange with the O-ring groove. BF (Bundflansch) is the mating flange with the collar, which forms the seal together with the grooved flange and O-ring. The EF uses NF/BF designations. The EC clamp connection uses NKS/BKS.

INOX mating flange: BF series 9851L (DIN 11864-2, long) / 9851 (DIN 11853-2, short). Select the corresponding series and tube size. Also check the bolt count, thread and seal. Diameters alone do not confirm compatibility.

[2] The minimum height is 25, 40 or 60 mm, depending on the model. The smallest models go up to 200 mm and the others up to 400 mm. The range does not indicate stock availability. Separate height limits apply to blind ends. Contact Leopold Parts. [3] XXX indicates the selected height.

ISO / series B

Select by standard and tube size. The EF has a grooved flange (NF) that mates with a collared flange (BF) and an O-ring. The table lists the mating flange outside Ø, the bolt circle Ø and the EF connector outside Ø separately.



EF-Connector
Illustrative image

Size	Tube Ø × wall thk. (mm)	BF flange Ø (mm)	Bolt circle Ø (mm)	EF outside Ø (mm)	Height[2] (mm)	EF model[3]
ISO 13,5	13,5 × 1,6	54	37	87,0	25-200	EF-CSC01350XXX-ISO
ISO 17,2	17,2 × 1,6	59	42	92,0	25-200	EF-CSC01720XXX-ISO
ISO 21,3	21,3 × 1,6	62	45	97,0	25-400	EF-CSC02130XXX-ISO
ISO 26,9	26,9 × 1,6	69	52	103,0	25-400	EF-CSC0269XXX-ISO
ISO 33,7	33,7 × 2	74	57	109,0	25-400	EF-CSC0337XXX-ISO
ISO 42,4	42,4 × 2	82	65	117,0	25-400	EF-CSC0424XXX-ISO
ISO 48,3	48,3 × 2	88	71	129,0	25-400	EF-CSC0483XXX-ISO
ISO 60,3	60,3 × 2	103	85	139,0	25-400	EF-CSC0603XXX-ISO
ISO 76,1	76,1 × 2	125	104	160,0	40-400	EF-CSC0761XXX-ISO
ISO 88,9	88,9 × 2,3	137	116	180,0	40-400	EF-CSC0889XXX-ISO
ISO 114,3	114,3 × 2,3	168	146	211,0	40-400	EF-CSC1143XXX-ISO

NF (Nutflansch) is the flange with the O-ring groove. BF (Bundflansch) is the mating flange with the collar, which forms the seal together with the grooved flange and O-ring. The EF uses NF/BF designations. The EC clamp connection uses NKS/BKS.

INOX mating flange: BF series 9851L (DIN 11864-2, long) / 9851 (DIN 11853-2, short). Select the corresponding series and tube size. Also check the bolt count, thread and seal. Diameters alone do not confirm compatibility.

[2] The minimum height is 25, 40 or 60 mm, depending on the model. The smallest models go up to 200 mm and the others up to 400 mm. The range does not indicate stock availability. Separate height limits apply to blind ends. Contact Leopold Parts. [3] XXX indicates the selected height.

ASME / series C

Select by standard and tube size. The EF has a grooved flange (NF) that mates with a collared flange (BF) and an O-ring. The table lists the mating flange outside Ø, the bolt circle Ø and the EF connector outside Ø separately.



EF-Connector
Illustrative image

Size	Tube Ø × wall thk. (mm)	BF flange Ø (mm)	Bolt circle Ø (mm)	EF outside Ø (mm)	Height[2] (mm)	EF model[3]
½"	12,7 × 1,65	54	37	87,0	25-200	EF-CSC01270XXX-ASM
¾"	19,05 × 1,65	59	42	92,0	25-200	EF-CSC01905XXX-ASM
1"	25,4 × 1,65	66	49	103,0	25-400	EF-CSC0254XXX-ASM
1½"	38,1 × 1,65	79	62	117,0	25-400	EF-CSC0381XXX-ASM
2"	50,8 × 1,65	92	75	129,0	25-400	EF-CSC0508XXX-ASM
2½"	63,5 × 1,65	107	89	139,0	25-400	EF-CSC0635XXX-ASM
3"	76,2 × 1,65	128	104	160,0	40-400	EF-CSC0762XXX-ASM
4"	101,6 × 2,11	157	135	202,0	40-400	EF-CSC1016XXX-ASM

NF (Nutflansch) is the flange with the O-ring groove. BF (Bundflansch) is the mating flange with the collar, which forms the seal together with the grooved flange and O-ring. The EF uses NF/BF designations. The EC clamp connection uses NKS/BKS.

INOX mating flange: BF series 9851L (DIN 11864-2, long) / 9851 (DIN 11853-2, short). Select the corresponding series and tube size. Also check the bolt count, thread and seal. Diameters alone do not confirm compatibility.

[2] The minimum height is 25, 40 or 60 mm, depending on the model. The smallest models go up to 200 mm and the others up to 400 mm. The range does not indicate stock availability. Separate height limits apply to blind ends. Contact Leopold Parts. [3] XXX indicates the selected height.