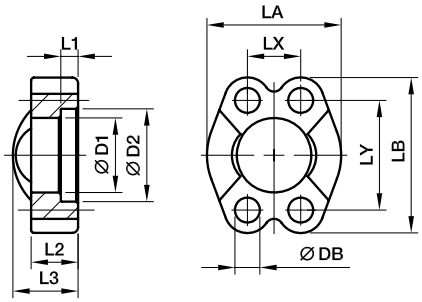
FUS SAE Flange clamps

ISO 6162-1/-2



3000 PSI Series

Nom. flange size SAE (in.)	ISO (DN)	D1	D2	L1	L2	L3	LA	LB	LX	LY	DB	Screws (metr.)	Screws (unc.)	Weight (steel) kg/piece	Order code*	PN (bar)[1] CF	PN (bar)[1] SS
1/2	13	24.3	31.0	6.2	13	19	46	54.0	17.5	38.1	8.8	M 08×25	5/16×1 1/4	0.15	**FUS32**	345	345
3/4	19	32.2	38.9	6.2	14	22	52	65.0	22.3	47.6	10.5	M 10×30	3/8×1 1/4	0.17	**FUS33**	345	345
1	25	38.5	45.2	7.5	16	24	59	69.9	26.2	52.4	10.5	M 10×30	3/8×1 1/4	0.22	**FUS34**	345	345
1 1/4	32	43.7	51.6	7.5	16	22	73	79.4	30.2	58.7	10.5	M 10×35	–	0.30	**FUS35/10**	276	276
1 1/4	32	43.7	51.6	7.5	16	22	73	79.4	30.2	58.7	12.0	–	7/16×1 1/2	0.29	**FUS35/12**	276	276
1 1/4	32	43.7	51.6	7.5	16	22	73	79.4	30.2	58.7	12.5	M 12×35	–	0.29	**FUS35**	276	276
1 1/2	38	50.8	61.1	7.5	16	25	83	93.8	35.8	69.9	13.5	M 12×35	1/2×1 1/2	0.45	**FUS36**	207	207
1 1/2	38	50.8	61.1	7.5	16	25	83	93.8	35.8	69.9	14.5	M 14×35	–	0.44	**FUS36/14**	207	207
2	51	62.8	72.3	9.0	16	26	97	101.6	42.8	77.8	13.5	M 12×35	1/2×1 1/2	0.50	**FUS38/12**	207	207
2	51	62.8	72.3	9.0	16	26	97	101.6	42.8	77.8	14.5	M 14×35	–	0.49	**FUS38**	207	207
2 1/2	64	74.9	84.9	9.0	19	38	109	114.3	50.8	88.9	13.5	M 12×40	1/2×1 3/4	0.74	**FUS310**	172	172
2 1/2	64	74.9	84.9	9.0	19	38	109	114.3	50.8	88.9	14.5	M 14×40	–	0.73	**FUS310/14**	172	172
3	76	90.9	102.4	9.0	22	41	131	135.0	61.9	106.4	17.0	M 16×45	5/8×1 3/4	1.30	**FUS312**	138	138
3 1/2	89	102.4	115.0	10.7	22	28	140	152.4	69.9	120.7	17.0	M 16×45	5/8×2	1.50	**FUS314**	34	34
4	102	115.1	127.8	10.7	25	35	150	162.0	77.8	130.2	17.0	M 16×50	5/8×2	1.65	**FUS316**	34	34
5	127	140.5	153.2	10.7	28	41	180	184.2	92.1	152.4	17.0	M 16×50	5/8×2 1/4	2.50	**FUS320**	34	34

6000 PSI Series

1/2	13	24.6	32.5	7.2	16	22	48	56.4	18.2	40.5	8.8	M 08×30	5/16×1 1/4	0.16	**FUS62**	420	420
3/4	19	32.5	42.0	8.3	19	28	60	71.4	23.8	50.8	10.5	M 10×35	3/8×1 1/2	0.35	**FUS63**	420	420
1	25	38.8	48.4	9.0	24	33	70	81.0	27.8	57.2	13.0	M 12×45	–	0.53	**FUS64**	420	420
1	25	38.9	48.4	9.0	24	33	70	81.0	27.8	57.2	12.0	–	7/16×1 3/4	0.53	**FUS64/12**	420	420
1 1/4	32	44.5	54.8	9.8	27	38	78	95.3	31.8	66.6	15.0	M 14×50	–	0.80	**FUS65**	420	420
1 1/4	32	44.5	54.8	9.8	27	38	78	95.3	31.8	66.6	13.5	M 12×45	1/2×1 3/4	0.80	**FUS65/12**	420	420
1 1/2	38	51.6	64.3	12.1	30	43	96	112.8	36.5	79.3	17.0	M 16×55	5/8×2 1/4	1.35	**FUS66**	420	420
2	51	67.6	80.2	12.1	37	52	114	133.4	44.5	96.8	21.0	M 20×65	3/4×2 3/4	2.10	**FUS68**	420	420
2 1/2	64	90.0	108.9	20.5	45	45	150	180.0	58.7	123.8	25.0	M 24×75	–	4.10	**FUS610**	420	420
3	76	115.0	132.5	25.5	55	55	178	215.0	71.4	152.4	32.0	M 30×90	–	8.60	**FUS612**	420	420

[1] Pressure shown = Item deliverable

$$\frac{\text{PN (bar)}}{10} = \text{PN (MPa)}$$

*Please add the **suffixes** below according to the material/surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Description
Steel, zinc plated, Cr(VI)-free	CF	FUS32CFX	only flange clamp
Stainless steel	SS	FUS32SSX	only flange clamp

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