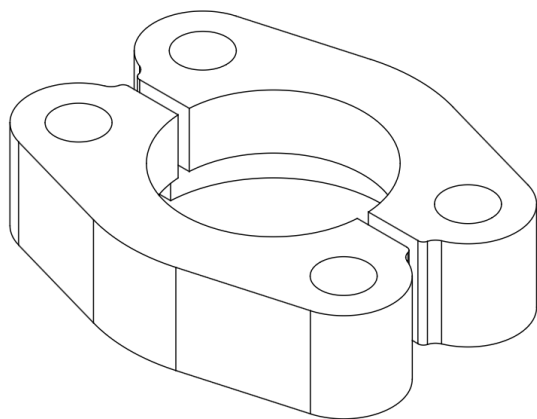


FITTINGS & FLANGES - SAE



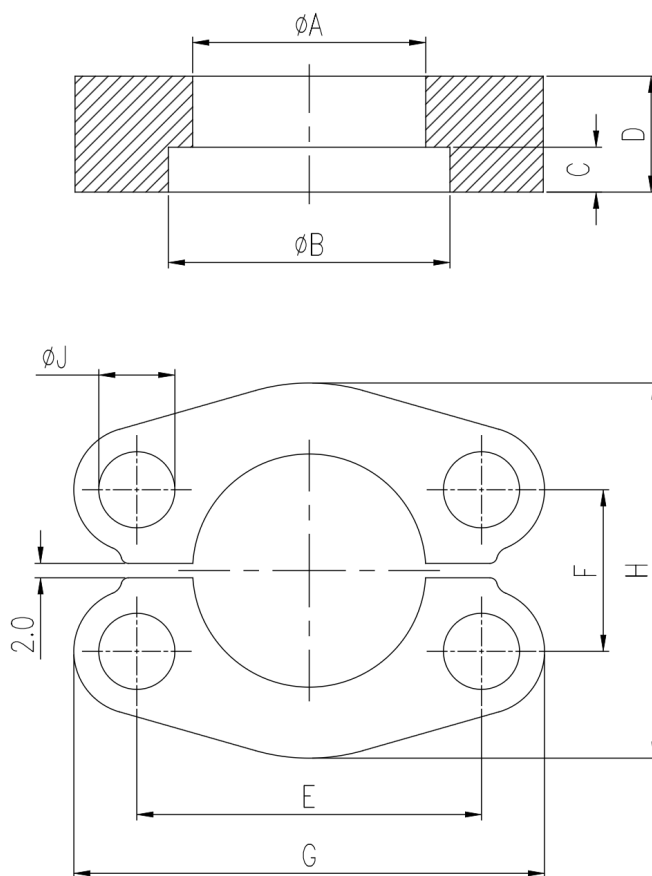
Split Flange (Flat) | 3000-6000psi | 3/4" to 3"

Dimensional Details



Max. working pressure: 400bar
 Material: Carbon Steel
 Coating: Zn Plating with Blue Passivation
 Complies with ISO 6162-1:2012 and ISO 6162-2:2012

3000 PSI Standard Pr. Series



Nominal DN	Size Inch	Pr. Rating (Bar)	ϕA	ϕB	C	D	E	F	G	H	ϕJ	Weight (kg)	Bolt Size
20	3/4	350	32.2	38.9	6.2	16	47.6	22.3	65	51.8	10.5	0.35	M10x35mm
25	1	345	38.5	45.3	7.5	16	52.4	26.2	70	58.4	10.5	0.45	M10x35mm
32	1-1/4	280	43.7	51.6	7.5	16	58.7	30.2	79.5	72.6	10.5	0.60	M10x35mm
40	1-1/2	210	50.8	61.1	7.5	16	69.9	35.7	94	82.2	13.0	0.80	M12x35mm
50	2	210	62.8	72.3	9.0	16	77.8	42.9	102	96.4	13.0	1.00	M12x35mm
63	2-1/2	175	74.9	84.9	9.0	20	88.9	50.8	114.5	108.2	13.0	1.60	M12x45mm
75	3	160	90.9	102.4	9.0	20	106.4	61.9	135	130.6	17.0	2.30	M16x45mm

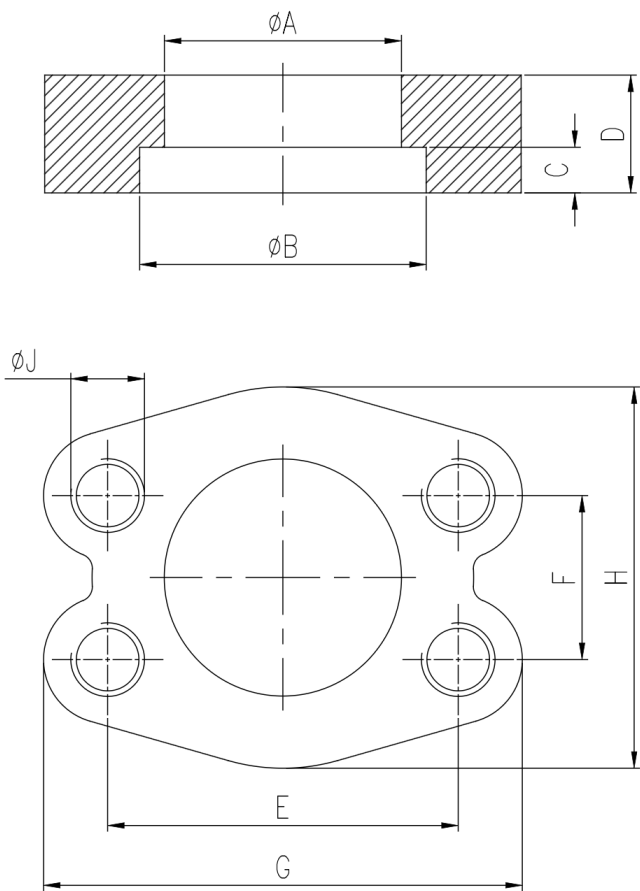
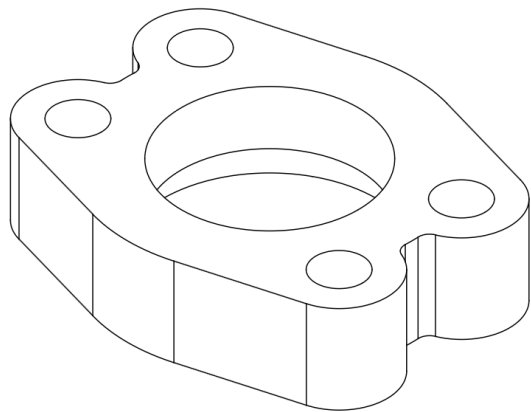
6000 PSI Standard Pr. Series

Nominal DN	Size Inch	Pr. Rating (Bar)	ϕA	ϕB	C	D	E	F	G	H	ϕJ	Weight (kg)	Bolt Size
20	3/4	400	32.5	42.0	8.0	20	50.8	23.8	71	60.0	10.5	0.55	M10x45mm
25	1	400	38.8	48.4	9.0	25	57.2	27.8	81	69.6	13.0	0.90	M12x55mm
32	1-1/4	350	44.5	54.8	9.8	25	66.6	31.8	95	77.2	15.0	1.25	M14x55mm
40	1-1/2	350	51.6	64.3	12.0	30	79.3	36.5	113	95.0	17.0	2.15	M16x65mm
50	2	300	67.6	80.2	12.0	35	96.8	44.5	133	113.8	21.0	3.50	M20x75mm

All dimensions in mm

Mono Flange (Flat) | 3000-6000psi | 3/4" to 3"

Dimensional Details



Max. working pressure: 400bar
Material: Carbon Steel
Coating: Zn Plating with Blue Passivation
Complies with ISO 6162-1:2012 and ISO 6162-2:2012

3000 PSI Standard Pr. Series

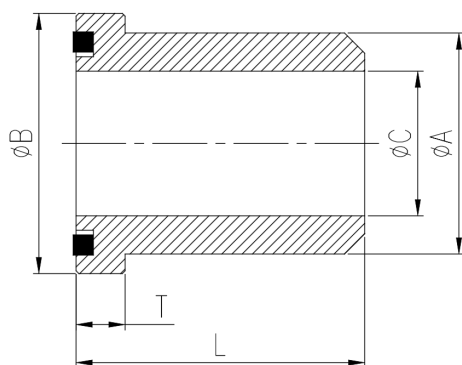
Nominal DN	Size Inch	Pr. Rating (Bar)	ϕA	ϕB	C	D	E	F	G	H	ϕJ	Weight (kg)	Bolt Size
20	3/4	350	32.2	38.9	6.2	16	47.6	22.3	65	51.8	M10	0.35	M10x35mm
25	1	345	38.5	45.3	7.5	16	52.4	26.2	70	58.4	M10	0.45	M10x35mm
32	1-1/4	280	43.7	51.6	7.5	16	58.7	30.2	79.5	72.6	M10	0.60	M10x35mm
40	1-1/2	210	50.8	61.1	7.5	16	69.9	35.7	94	82.2	M12	0.80	M12x35mm
50	2	210	62.8	72.3	9.0	16	77.8	42.9	102	96.4	M12	1.00	M12x35mm
63	2-1/2	175	74.9	84.9	9.0	20	88.9	50.8	114.5	108.2	M12	1.60	M12x45mm
75	3	160	90.9	102.4	9.0	20	106.4	61.9	135	130.6	M16	2.30	M16x45mm

6000 PSI Standard Pr. Series

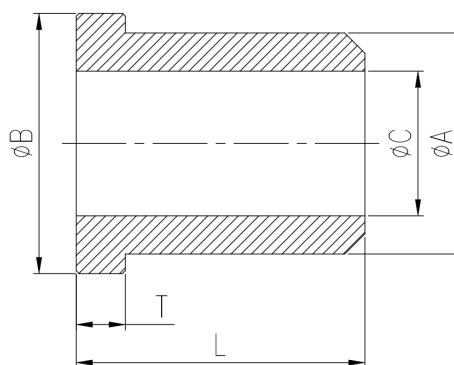
Nominal DN	Size Inch	Pr. Rating (Bar)	ϕA	ϕB	C	D	E	F	G	H	ϕJ	Weight (kg)	Bolt Size
20	3/4	400	32.5	42.0	8.0	20	50.8	23.8	71	60.0	M10	0.55	M10x45mm
25	1	400	38.8	48.4	9.0	25	57.2	27.8	81	69.6	M12	0.90	M12x55mm
32	1-1/4	350	44.5	54.8	9.8	25	66.6	31.8	95	77.2	M14	1.25	M14x55mm
40	1-1/2	350	51.6	64.3	12.0	30	79.3	36.5	113	95.0	M16	2.15	M16x65mm
50	2	300	67.6	80.2	12.0	35	96.8	44.5	133	113.8	M20	3.50	M20x75mm

All dimensions in mm

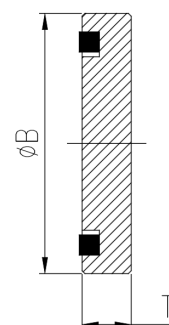
Weldable Flange Nipple (SAE) | 3000-6000psi | 3/4" to 3"



Nipple with Seal (NS)



Nipple without Seal (N)



Blind Nipple (B)

Max. working pressure: 400bar

Material: Carbon Steel/ Seal Material: Viton

Complies with ISO 6162-1:2012 and ISO 6162-2:2012

3000 PSI Standard Pr. Series

Nominal DN	Size Inch	Pr. Rating (Bar)	ϕA	ϕB	ϕC	T	L	Weight(kg) Nipple/Blind	Seal Size
20	3/4	350	31.9	38.6	19.0	7.0	50.0	0.25/0.10	$\phi 34.5 \times \phi 27.5 \times 3.5 \text{th}$
25	1	345	38.2	45.0	25.0	8.5	50.0	0.30/0.10	$\phi 38.5 \times \phi 31.5 \times 3.5 \text{th}$
32	1-1/4	280	43.4	51.3	32.0	8.5	50.0	0.32/0.10	$\phi 44.5 \times \phi 37.5 \times 3.5 \text{th}$
40	1-1/2	210	50.5	60.8	40.0	8.5	50.0	0.36/0.11	$\phi 54.5 \times \phi 47.5 \times 3.5 \text{th}$
50	2	210	62.5	72.0	50.0	10.0	50.0	0.52/0.17	$\phi 63.0 \times \phi 56.0 \times 3.5 \text{th}$
63	2-1/2	175	74.6	84.6	62.5	10.0	60.0	0.72/0.20	$\phi 75.5 \times \phi 68.5 \times 3.5 \text{th}$
75	3	160	90.6	102.1	75.0	10.0	70.0	1.00/0.30	$\phi 91.5 \times \phi 84.5 \times 3.5 \text{th}$

6000 PSI Standard Pr. Series

Nominal DN	Size Inch	Pr. Rating (Bar)	ϕA	ϕB	ϕC	T	L	Weight(kg) Nipple/Blind	Seal Size
20	3/4	400	32.2	41.7	19.0	9.0	50.0	0.25/0.10	$\phi 34.5 \times \phi 27.5 \times 3.5 \text{th}$
25	1	400	38.5	48.1	25.0	10.0	70.0	0.42/0.10	$\phi 38.5 \times \phi 31.5 \times 3.5 \text{th}$
32	1-1/4	350	44.2	54.5	31.0	10.5	70.0	0.50/0.13	$\phi 44.5 \times \phi 37.5 \times 3.5 \text{th}$
40	1-1/2	350	51.3	64.0	38.0	13.0	70.0	0.65/0.22	$\phi 54.5 \times \phi 47.5 \times 3.5 \text{th}$
50	2	300	67.3	79.9	50.0	13.0	70.0	1.05/0.32	$\phi 67.0 \times \phi 60.0 \times 3.5 \text{th}$

Ordering Information - SAE Flanges

Basic Code	Flat SAE Flanges	FSF
Type	Mono (MF)/ Split (SF)	MF
Code	3000 (3)/ 6000 (6)PSI	3
Size	DN19...76	25

Ordering Information - Weld Nipple

Basic Code	Weld Nipple	NS/ N/ B
Code	3000 (3)/ 6000 (6)PSI	3
Size	DN19...76	25

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