

Split Flange Hose Fitting



Split Flange hose fittings system
ISO 6162-1 flange end to ISO 12151-3 hose fittings

SAE Split Flange hydraulic hose fittings system

Hydraulic split flange fittings is used to connect the flexible hose, adapter to rigid tube and pipe by 4 bolt flange clamp system. Hydraulic flange hose fittings is designed a flanged head, groove for o-rings seal, hose fittings end is crimped with ferrule for biting hydraulic hoses. SAE split flange halves to clamp the flanged head by tightening 4 bolts.

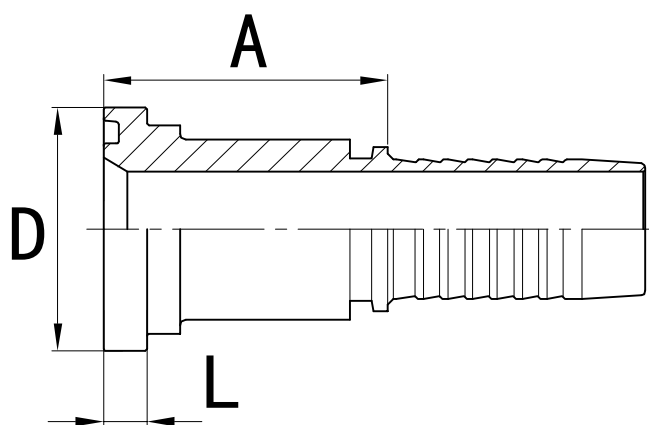
Hydraulic hose flange fittings is connect to SAE J518 flange port dimensions chart such as blocks, 4 bolts weld flange, 4 bolt tube connector flange etc. It is seal by two types: 1 is code 61 flange o-ring size, 2 is code 62 flange o-ring size. Clamp flange fittings also need washers, o-rings, nuts,caps etc. SAE flange clamps have two types: 1 is split flange halves, one pair to clamp flanged head; 2 is One-piece flange clamps with 4 bolts hole to fix flange head.

Split flange type of hose fittings has two types: SAE 61 code split flange halves end with 3000 psi working pressure, to crimped or swaged hydraulic hoses and fittings by ferrule; SAE code 62 split flange halves end with 6000 psi working pressure, to crimped or swaged hydraulic hoses and fittings by ferrule.

Jiayuan offer connection end types from split flange to hose fittings, shape types have straight, elvow, 45 degree elbow, long size etc; Split flange ends is according to ISO 6162-1 and ISO 6162-2; Hose fittings which according to ISO 12151 series to hydraulic hoses which according to SAE 100R.

Straight flange hose fittings
45 elbow flange hose fittings
90 elbow flange hose fittings
30 elbow flange hose fittings
60 elbow flange hose fittings
67.5 elbow flange hose fittings
22,5 elbow flange hose fittings



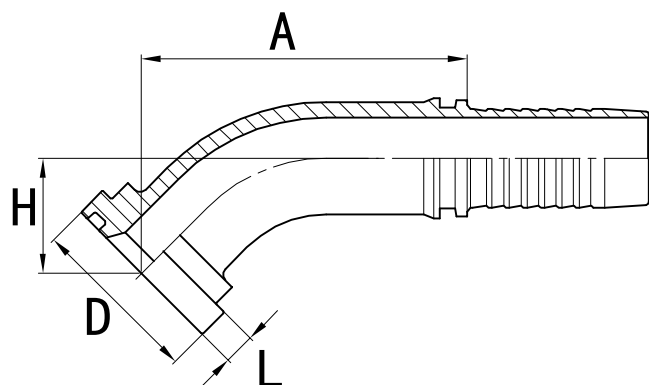
**87311**

SAE 法兰 3000 PSI

SAE FLANGE 3000 PSI

序号 SN	产品代号 PART NO.	法兰型号 FLANGE NO.	胶管HOSE BORE		尺寸 DIMENSIONS		
			公称内径 DN	标号 DASH	A	D	L
1	87311-08-08	1/2"	13	08	46	30.2	6.73
2	87311-08-10	1/2"	16	10	47	30.2	6.73
3	87311-12-08	3/4"	13	08	47	38.1	6.73
4	87311-12-10	3/4"	16	10	47.5	38.1	6.73
5	87311-12-12	3/4"	19	12	48	38.1	6.73
6	87311-12-16	3/4"	25	16	49	38.1	6.73
7	87311-16-12	1"	19	12	51	44.4	8
8	87311-16-16	1"	25	16	52	44.4	8
9	87311-16-20	1"	32	20	53	44.4	8
10	87311-20-12	1.1/4"	19	12	56	50.8	8
11	87311-20-16	1.1/4"	25	16	57	50.8	8
12	87311-20-20	1.1/4"	32	20	58	50.8	8
13	87311-20-24	1.1/4"	38	24	61	50.8	8
14	87311-24-20	1.1/2"	32	20	68	60.3	8
15	87311-24-24	1.1/2"	38	24	68	60.3	8
16	87311-32-24	2"	38	24	70	71.4	9.53
17	87311-32-32	2"	51	32	70	71.4	9.53
18	87311-40-32	2.1/2"	51	32	73	84.1	9.53
19	87311-40-40	2.1/2"	63	40	76	84.1	9.53
20	87311-40-48	2.1/2"	76	48	78.5	84.1	9.53
21	87311-48-48	3"	76	48	78.5	102	9.53
22	87311-56-56	3.1/2"	90	56	87.5	114	11.2
23	87311-64-64	4"	102	64	95.5	127	11.2

注：表中代号用于编织软管，如用于缠绕软管代号改为87312-XX-XX。
Note:NO. in table match with braided hose.P/N 87312-XX match with spiral hose.

**87341**

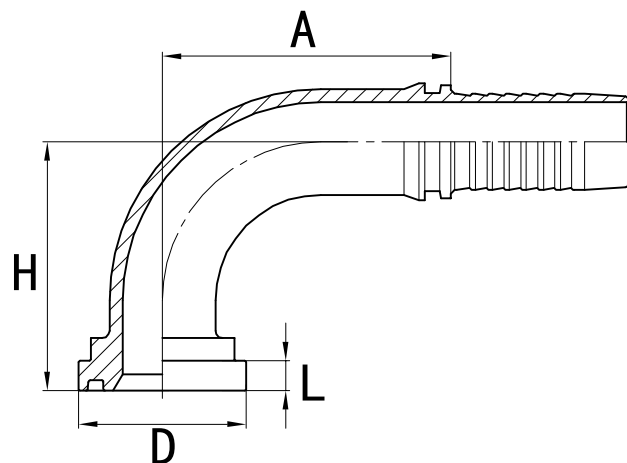
45° SAE 法兰 3000 PSI

45° SAE FLANGE 3000 PSI

序号 SN	产品代号 PART NO.	法兰型号 FLANGE NO.	胶管HOSE BORE		尺寸 DIMENSIONS			
			公称内径 DN	标号 DASH	A	H	D	L
1	87341-08-08	1/2"	13	08	49.9	22.9	30.2	6.73
2	87341-12-08	3/4"	13	08	49.9	22.9	38.1	6.73
3	87341-12-10	3/4"	16	10	60.6	24.3	38.1	6.73
4	87341-12-12	3/4"	19	12	67.6	25.9	38.1	6.73
5	87341-16-12	1"	19	12	67.6	25.9	44.4	8
6	87341-16-16	1"	25	16	79.7	29.4	44.4	8
7	87341-16-20	1"	32	20	94	33.8	44.4	8
8	87341-20-16	1.1/4"	25	16	79.7	29.3	50.8	8
9	87341-20-20	1.1/4"	32	20	94	33.8	50.8	8
10	87341-24-20	1.1/2"	32	20	95.4	35.2	60.3	8
11	87341-24-24	1.1/2"	38	24	107	38.3	60.3	8
12	87341-32-24	2"	38	24	107	38.3	71.4	9.53
13	87341-32-32	2"	51	32	135	46.3	71.4	9.53
14	87341-40-32	2.1/2"	51	32	131	47.8	84.1	9.53

注：表中代号用于编织软管，如用于缠绕软管代号改为87342-XX-XX。

Note:NO. in table match with braided hose.P/N 87342-XX match with spiral hose.

**87391**

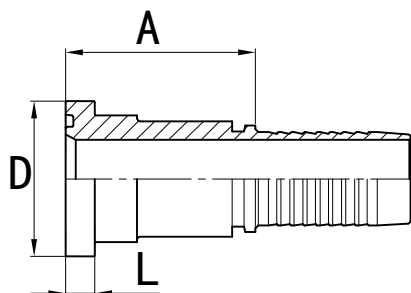
90° SAE 法兰 3000 PSI

90° SAE FLANGE 3000 PSI

序号 SN	产品代号 PART NO.	法兰型号 FLANGE NO.	胶管HOSE BORE		尺寸 DIMENSIONS			
			公称内径 DN	标号 DASH	A	H	D	L
1	87391-08-08	1/2"	13	08	41	46.5	30.2	6.73
2	87391-08-10	1/2"	16	10	53	50	30.2	6.73
3	87391-12-08	3/4"	13	08	41	46.5	38.1	6.73
4	87391-12-10	3/4"	16	10	53	51	38.1	6.73
5	87391-12-12	3/4"	19	12	61	56	38.1	6.73
6	87391-16-12	1"	19	12	61	56	44.4	8
7	87391-16-16	1"	25	16	75	66	44.4	8
8	87391-16-20	1"	32	20	91	78.5	44.4	8
9	87391-20-12	1.1/4"	19	12	61	56	50.8	8
10	87391-20-16	1.1/4"	25	16	75	66	50.8	8
11	87391-20-20	1.1/4"	32	20	91	78.5	50.8	8
12	87391-20-24	1.1/4"	38	24	97.5	78.5	50.8	8
13	87391-24-20	1.1/2"	32	20	91	80.5	60.3	8
14	87391-24-24	1.1/2"	38	24	106	91	60.3	8
15	87391-32-24	2"	38	24	106	91	71.4	9.53
16	87391-32-32	2"	51	32	132	114	71.4	9.53
17	87391-40-32	2.1/2"	51	32	132	116	84.1	9.53

注：表中代号用于编织软管，如用于缠绕软管代号改为87392-XX-XX。

Note:NO. in table match with braided hose.P/N 87392-XX match with spiral hose.

**87611**

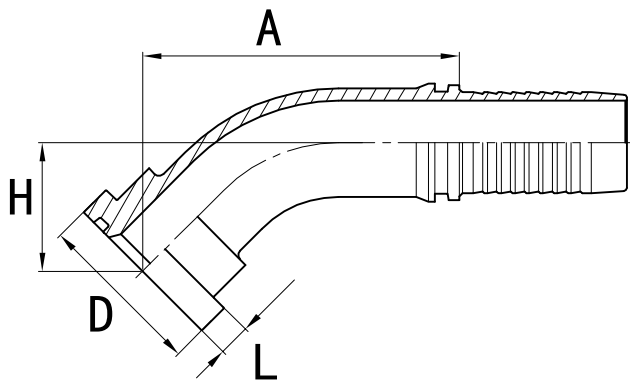
SAE 法兰 6000 PSI

SAE FLANGE 6000 PSI

序号 SN	产品代号 PART NO.	法兰型号 FLANGE NO.	胶管HOSE BORE		尺寸 DIMENSIONS		
			公称内径 DN	标号 DASH	A	D	L
1	87611-08-08	1/2"	13	08	47	31.7	7.75
2	87611-08-10	1/2"	16	10	47.5	31.7	7.75
3	87611-12-08	3/4"	13	08	50	41.3	8.76
4	87611-12-10	3/4"	16	10	50.5	41.3	8.76
5	87611-12-12	3/4"	19	12	51	41.3	8.76
6	87611-12-16	3/4"	25	16	52	41.3	8.76
7	87611-16-12	1"	19	12	56	47.6	9.53
8	87611-16-16	1"	25	16	57	47.6	9.53
9	87611-16-20	1"	32	20	61	47.6	9.53
11	87611-20-16	1.1/4"	25	16	65	54	10.3
12	87611-20-20	1.1/4"	32	20	66	54	10.3
13	87611-24-20	1.1/2"	32	20	75	63.5	12.6
14	87611-24-24	1.1/2"	38	24	75	63.5	12.6
15	87611-32-24	2"	38	24	85	79.4	12.6
16	87611-32-32	2"	51	32	85	79.4	12.6

注：表中代号用于编织软管，如用于缠绕软管代号改为87612-XX-XX。

Note:NO. in table match with braided hose.P/N 87612-XX match with spiral hose.

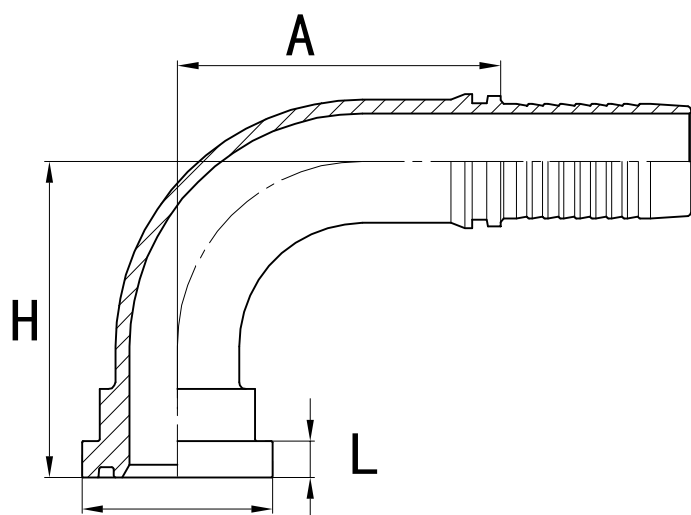


87641

45° SAE 法兰 6000 PSI

45° SAE FLANGE 6000 PSI

序号 SN	产品代号 PART NO.	法兰型号 FLANGE NO.	胶管HOSE BORE		尺寸 DIMENSIONS			
			公称内径 DN	标号 DASH	A	H	D	L
1	87641-08-08	1/2"	13	08	49.9	22.9	31.7	7.75
2	87641-12-10	3/4"	16	10	63.4	27.1	41.3	8.76
3	87641-12-12	3/4"	19	12	70.4	28.8	41.3	8.76
4	87641-16-12	1"	19	12	72.5	30.9	47.6	9.53
5	87641-16-16	1"	25	16	84.6	34.2	47.6	9.53
6	87641-20-16	1.1/4"	25	16	87.4	37.1	54	10.3
7	87641-20-20	1.1/4"	32	20	102	41.5	54	10.3
8	87641-24-20	1.1/2"	32	20	105	45.1	63.5	12.6
9	87641-24-24	1.1/2"	38	24	117	48.2	63.5	12.6
10	87641-32-32	2"	51	32	145	61.9	79.4	12.6
注：表中代号用于编织软管，如用于缠绕软管代号改为87642-XX-XX。 Note:NO. in table match with braided hose.P/N 87642-XX match with spiral hose.								

**87691**

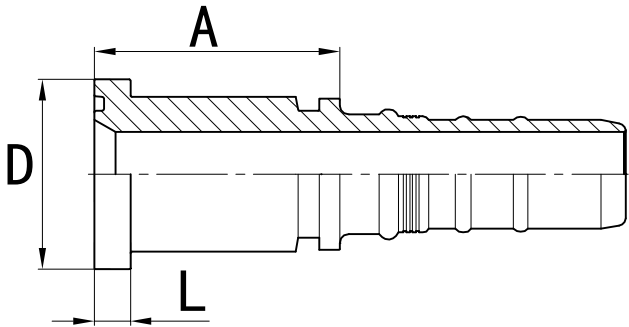
90° SAE 法兰 6000 PSI

90° SAE FLANGE 6000 PSI

序号 SN	产品代号 PART NO.	法兰型号 FLANGE NO.	胶管HOSE BORE		尺寸 DIMENSIONS			
			公称内径 DN	标号 DASH	A	H	D	L
1	87691-08-08	1/2"	13	08	41	46.5	31.7	7.75
2	87691-08-10	1/2"	16	10	53	51	31.7	7.75
3	87691-12-08	3/4"	13	08	41	50.5	41.3	8.76
4	87691-12-10	3/4"	16	10	53	55	41.3	8.76
5	87691-12-12	3/4"	19	12	61	60	41.3	8.76
6	87691-12-16	3/4"	25	16	75	70	41.3	8.76
7	87691-16-12	1"	19	12	61	63	47.6	9.53
8	87691-16-16	1"	25	16	75	73	47.6	9.53
9	87691-16-20	1"	32	20	91	85.5	47.6	9.53
10	87691-20-16	1.1/4"	25	16	75	77	54	10.3
11	87691-20-20	1.1/4"	32	20	91	89.5	54	10.3
12	87691-24-20	1.1/2"	32	20	91	94.5	63.5	12.6
13	87691-24-24	1.1/2"	38	24	106	105	63.5	12.6
14	87691-32-24	2"	38	24	106	113	79.4	12.6
15	87691-32-32	2"	51	32	132	136	79.4	12.6

注：表中代号用于编织软管，如用于缠绕软管代号改为87692-XX-XX。

Note:NO. in table match with braided hose.P/N 87692-XX match with spiral hose.

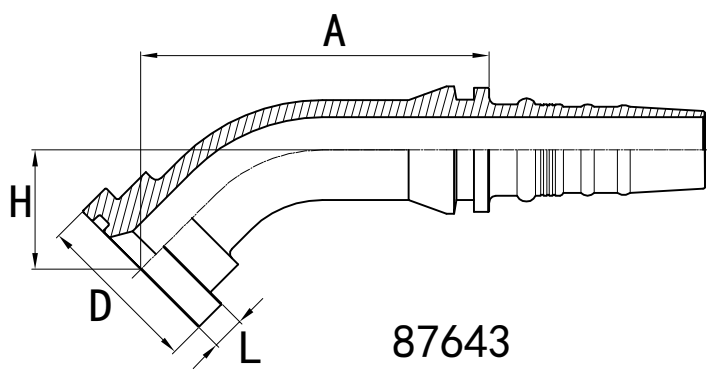


87613

SAE 法兰 6000 PSI

SAE FLANGE 6000 PSI

序号 SN	产品代号 PART NO.	法兰型号 FLANGE NO.	胶管HOSE BORE		尺寸 DIMENSIONS		
			公称内径 DN	标号 DASH	A	D	L
1	87613-16-16	1"	25	16	59.4	47.6	9.53
2	87613-20-20	1.1/4"	32	20	69.8	54	10.3
3	87613-24-20	1.1/2"	32	20	78.8	63.5	12.6
4	87613-24-24	1.1/2"	38	24	78.7	63.5	12.6
5	87613-32-24	2"	38	24	91.2	79.4	12.6
6	87613-32-32	2"	51	32	91	79.4	12.6
注：表中代号用于六层钢丝超高压胶管。 NOTE:No. in table match with six spiral hose in super high pressure.							

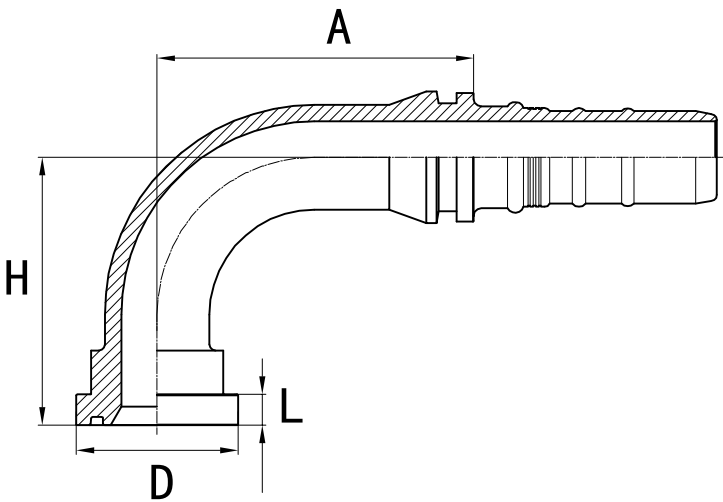


87643

45° SAE 法兰 6000 PSI

45° SAE FLANGE 6000 PSI

序号 SN	产品代号 PART NO.	法兰型号 FLANGE NO.	胶管HOSE BORE		尺寸 DIMENSIONS			
			公称内径 DN	标号 DASH	A	H	D	L
1	87643-16-16	1"	25	16	97	34.2	47.6	9.53
2	87643-20-20	1.1/4"	32	20	117	41.5	54	10.3
3	87643-24-20	1.1/2"	32	20	120	45.1	63.5	12.6
4	87643-24-24	1.1/2"	38	24	131	48.2	63.5	12.6
5	87643-32-24	2"	38	24	140	53.8	79.4	12.6
6	87643-32-32	2"	51	32	163	61.9	79.4	12.6
注：表中代号用于六层钢丝超高压胶管。 NOTE:No. in table match with six spiral hose in super high pressure.								

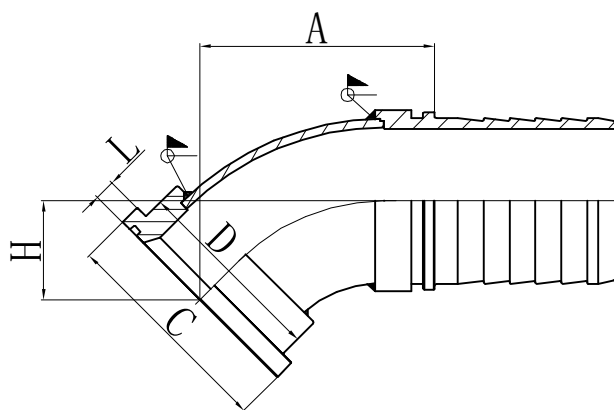


87693

90° SAE 法兰 6000 PSI

90° SAE FLANGE 6000 PSI

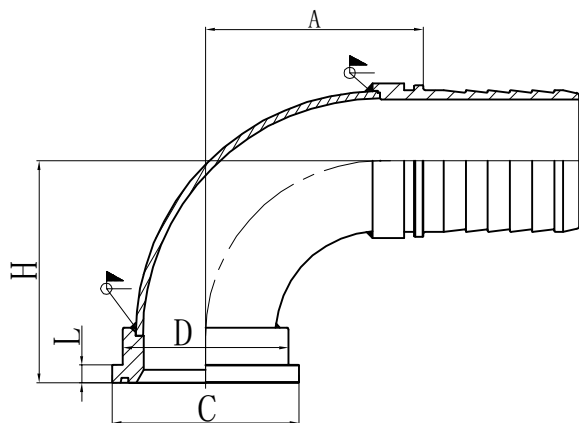
序号 SN	产品代号 PART NO.	法兰型号 FLANGE NO.	胶管HOSE BORE		尺寸 DIMENSIONS			
			公称内径 DN	标号 DASH	A	H	D	L
1	87693-16-16	1"	25	16	87.4	73	47.6	9.53
2	87693-20-20	1.1/4"	32	20	106	89.5	54	10.3
3	87693-24-20	1.1/2"	32	20	106	94.5	63.5	12.6
4	87693-24-24	1.1/2"	38	24	121	105	63.5	12.6
5	87693-32-24	2"	38	24	121	113	79.4	12.6
6	87693-32-32	2"	51	32	150	136	79.4	12.6
注：表中代号用于六层钢丝超高压胶管。 NOTE:No. in table match with six spiral hose in super high pressure.								

**P87341**

45° SAE 法兰 3000 PSI

配套00210系列套筒

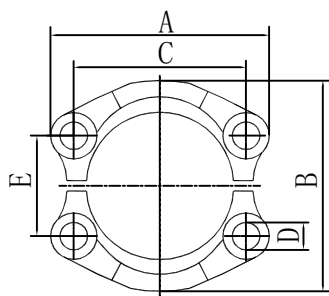
序号 SN	产品代号 PART NO.	法兰型号 FLANGE NO.	胶管HOSE BORE		尺寸 DIMENSIONS			
			公称内径 DN	标号 DASH	A	H	D	L
1	P87341-32-40	2"	64	40	100	48.5	71.4	9.53
2	P87341-40-40	2.1/2"	64	40	94	41	84	9.53
3	P87341-48-40	3"	64	40	95	43	102	9.53
4	P87341-48-48	3"	76	48	109	46	102	9.53
5	P87341-56-56	3.1/2"	90	56	129	51	114	11.3
6	P87341-64-64	4"	102	64	135	55	127	11.3

**P87391**

90° SAE 法兰 3000 PSI

配套00210系列套筒

序号 SN	产品代号 PART NO.	法兰型号 FLANGE NO.	胶管HOSE BORE		尺寸 DIMENSIONS			
			公称内径 DN	标号 DASH	A	H	D	L
1	P87391-32-40	2"	64	40	92	105	71.4	9.53
2	P87391-40-40	2.1/2"	64	40	98	104	84	9.53
3	P87391-48-40	3"	64	40	98	106	102	9.53
4	P87391-48-48	3"	76	48	118	120	102	9.53
5	P87391-56-56	3.1/2"	90	56	144	140	114	11.3
6	P87391-64-64	4"	102	64	161	163	127	11.3

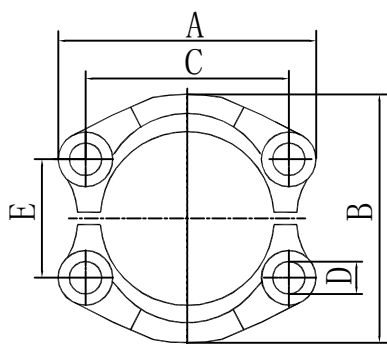


FL

SAE J518对开法兰夹 3000 PSI

SAE J518 SPLIT FLANGE CLAMPS 3000 PSI

序号 SN	产品代号 PART NO.	法兰型号 FLANGE SIZE	尺寸 DIMENSIONS					螺栓 BOLT	O形圈 O-RING
			A	B	C	D	E		
1	FL-08	1/2"	53.8	46.1	38.1	9	17.5	M8X25	18.64x3.53
2	FL-12	3/4"	65	52.4	47.6	11	22.2	M10X30	24.99x3.53
3	FL-16	1"	69.9	58.7	52.4	11	26.2	M10X30	32.92x3.53
4	FL-20	1.1/4"	79.2	73	58.7	11	30.2	M10X30	37.69x3.53
5	FL-24	1.1/2"	93.7	82.6	69.9	13.5	35.7	M12X35	47.22x3.53
6	FL-32	2"	101.6	96.8	77.8	13.5	42.9	M12X35	56.74x3.53
7	FL-40	2.1/4"	114	109	88.9	13.5	50.8	M12X40	69.44x3.53
8	FL-48	3"	135	131	106.38	17	61.93	M16X50	85.32x3.53



FS

SAE J518对开法兰夹 6000 PSI

SAE J518 SPLIT FLANGE CLAMPS 6000 PSI

序号 SN	产品代号 PART NO.	法兰型号 FLANGE SIZE	尺寸 DIMENSIONS					螺栓 BOLT	O形圈 O-RING	压力等级 Mpa
			A	B	C	D	E			
1	FS-08	1/2"	56.3	49.2	40.5	9	18.2	M8X30	18.64x3.53	42
2	FS-12	3/4"	71.4	61.8	50.8	11	23.8	M10X35	24.99x3.53	42
3	FS-16	1"	81	71.4	57.2	13	27.8	M12X45	32.92x3.53	42
4	FS-20	1.1/4"	95.3	79.2	66.7	15	31.8	M14X50	37.69x3.53	42
5	FS-24	1.1/2"	112.8	96.8	79.4	17	36.6	M16X55	47.22x3.53	42
6	FS-32	2"	133.4	116	96.8	21	44.4	M20X70	56.74x3.53	42