

Our Products

我们的产品



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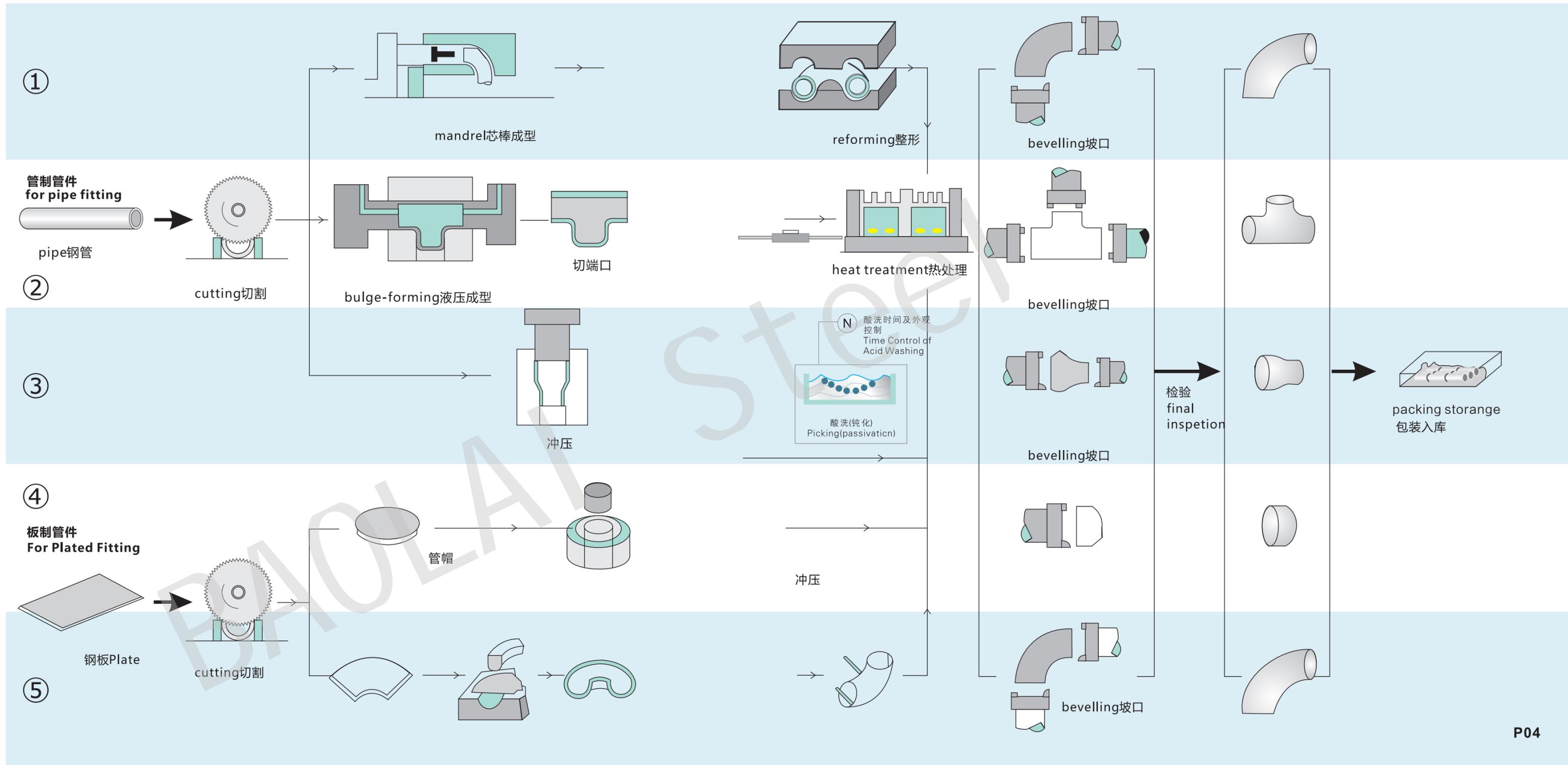
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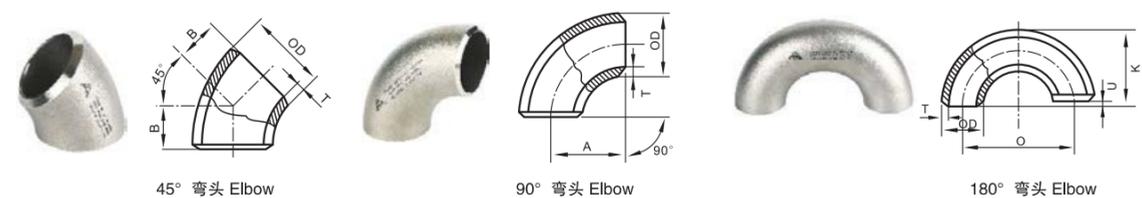




工艺流程图 Flow Chart

- ① 弯头Elbows
- ② 三通Tees
- ③ 异径管Reducers
- ④ 管帽 Caps
- ⑤ 弯头、三通Elbows /Tees





45° 90° 180°长半径弯头
Long Radius Elbows (45° 90° 180°)

上述尺寸符合 GB/T 12459, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。
Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313.

理论重量按ASME B36.10M、B36.19M 标准壁厚测算。(sch20S/LG,按GB/T 12459、GB/T 13401 标准壁厚测算。)

Weights are approximate and based on manufacturer's data, according to ASMEB36.10M、B36.19M.
(sch20S/LG,Weights are approximate and based on manufacturer's data,according to GB/T 12459, GB/T 13401.)

公称通径 Nominal diameter		外径 Outside diameter	中心至端面的距离 Center to end	中心至中心的距离 Center to Center	90° L/R弯头理论重量kg/pc 90° L/R Elbow Approx weight						
DN	NPS	OD	B	A	○	sch5S	sch10S	sch20S/ LG	sch40S/ STD	sch80S/ XS	sch80
15	½	18	16	38	76	0.04	0.05	0.06	0.06	0.08	0.08
		21.3				0.05	0.06	0.07	0.08	0.10	0.10
20	¾	25	19	38	76	0.06	0.07	0.09	0.09	0.12	0.12
		26.7				0.06	0.08	0.09	0.10	0.13	0.13
25	1	32	22	38	76	0.07	0.12	0.14	0.14	0.19	0.19
		33.4				0.08	0.13	0.14	0.15	0.19	0.19
32	1¼	38	25	48	96	0.11	0.18	0.21	0.23	0.30	0.30
		42.2				0.13	0.20	0.23	0.26	0.34	0.34
40	1½	45	29	57	114	0.16	0.26	0.30	0.34	0.45	0.45
		48.3				0.17	0.28	0.32	0.37	0.49	0.49
50	2	57	35	76	152	0.27	0.45	0.57	0.62	0.85	0.85
		60.3				0.29	0.47	0.61	0.65	0.90	0.90
65	2½	76	44	95	190	0.58	0.82	0.97	1.35	1.79	1.79
		73				0.55	0.79	0.93	1.30	1.71	1.71
80	3	89	51	114	228	0.82	1.17	1.51	2.04	2.76	2.76
		90				1.09	1.56	2.03	2.85	3.92	3.92
90	3½	101.6	57	133	266	1.09	1.56	2.03	2.85	3.92	3.92
		108				1.32	1.90	2.47	3.64	5.05	5.05
100	4	114	64	152	304	1.40	2.01	2.61	3.85	5.35	5.35
		133				2.67	3.27	4.74	6.14	8.72	8.72
125	5	141.3	79	190	380	2.84	3.47	5.05	6.54	9.31	9.31
		139.7				2.81	3.43	4.99	6.46	9.19	9.19
150	6	168.3	95	229	458	4.10	5.01	7.29	10.24	15.41	15.41
		159				3.86	4.72	6.88	9.64	14.50	14.50
200	8	216	127	305	610	7.03	9.49	15.71	20.22	30.71	30.71
		219				7.12	9.63	15.94	20.51	31.17	31.17
250	10	273	159	381	762	13.62	16.74	24.97	36.33	49.12	57.83
		267.4				13.34	16.39	24.44	35.56	48.06	56.57
300	12	325	190	457	914	22.66	26.10	35.79	53.58	70.69	95.81
		323.9				22.58	26.01	35.66	53.40	70.44	95.46
		318				22.16	25.53	35.00	52.39	49.11	93.63

We can provide:
Stainless steel (304, 304L, 304H, 316, 316L, 316Ti, 316H, 321, 321H, 347/H, 310S, 317L, 904L, S31254/SM0254)
Duplex St@GI (S31803/S32205/2205, S32750/2507, S32760) Special Alloy (N04400/400, N06625/625, N08825/825, N10276VC276, 800/800H, 600/600H)
Our specialized products:
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes



45° 90° 180°长半径弯头
Long Radius Elbows (45° 90° 180°)

上述尺寸符合 GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。
Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313.

理论重量按ASME B36.10M、B36.19M 标准壁厚
测算, (sch20S/LG,按GB/T 12459、GB/T 13401
标准壁厚测算。)

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manufacturer's data, according to ASMEB36.10M、
B36.19M.
(sch20S/LG,Weights are approximate and based
on manufacture' sdata,according to GB/T 12459,
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We can provide:
Stainless steel (304, 304L, 304H, 316, 316L, 316TI, 316H,
321, 321H,347/H, 310S, 317L, 904L, S31254/SM0254)
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Our specialized products:
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公称通径 Nominal diameter		外径 Outside diamete	中心至端面的距离 Center to end	中心至中心的距离 Center to Center	90° L/R弯头理论重量kg/pc 90°L/R Elbow Approx weight						
DN	NPS	OD	B	A	○	sch5S	sch10S	sch20S/ LG	sch40S/ STD	sch80S/ XS	sch80
350	14	377 355.6	222	533	1066	30.71 28.95	36.98 34.86	61.36 57.80	72.80 68.56	96.17 90.52	141.75 133.27
400	16	426 406.4	254	610	1220	42.05 40.09	47.90 45.67	79.55 75.82	94.42 89.98	124.87 118.95	206.35 196.35
450	18	478 457.2	286	686	1372	53.11 5078	60.52 57.86	100.60 96.14	199.44 114.14	158.10 151.03	296.35 276.29
500	20	529 508	318	762	1524	74.47 71.48	86.18 82.72	123.86 118.87	147.12 141.14	194.86 186.94	391.34 375.00
550	22	559	343	838	1676	86.58	100.21	144.06	171.14	226.75	495.44
600	24	630 610	381	914	1828	123.32 119.37	141.21 136.64	177.37 171.67	210.78 203.98	279.45 270.40	661.10 -
650	26	660	406	991	1982	-	-	201.59	239.58	317.72	-
700	28	720 711	438	1067	2134	-	-	237.03 234.03	281.75 278.18	373.80 369.04	-
750	30	762	470	1143	2286	213.90	266.23	268.89	319.66	424.20	-
800	32	820 813	502	1219	2438	-	-	308.83 306.16	367.20 364.02	487.42 483.20	-
850	34	864	533	1295	2590	-	-	345.86	411.27	546.04	-
900	36	920 914	565	1372	2744	-	-	390.39 387.83	464.28 461.22	616.56 612.48	-
950	38	965	600	1448	2896	-	-	432.25	514.21	682.98	-
1000	40	1016 1020	632	1524	3048	-	-	479.29 481.19	570.09 572.35	757.33 760.35	-
1050	42	1067	660	1600	3200	-	-	528.65	628.85	835.51	-
1100	44	1118 1120	695	1676	3352	-	-	580.43 581.48	690.49 691.73	917.53 919.19	-
1150	46	1168	727	1753	3506	-	-	634.45	754.79	1003.10	-
1200	48	1220	759	1829	3658	-	-	691.63	822.85	1093.70	-



90° 弯头 Elbow

180° 弯头 Elbow

公称通径 Nominal diameter		外径 Outside diamete	中心至端面的距离 Center to end	中心至中心的距离 Center to Center	90° L/R弯头理论重量kg/pc 90°L/R Elbow Approx weight					
DN	NPS	OD	A	○	sch5S	sch10S	sch20S/ LG	sch40S/ STD	sch80S/ XS	sch80
25	1	32 33.4	25	50	0.05 0.05	0.08 0.08	0.09 0.09	0.09 0.10	0.12 0.13	0.12 0.13
32	1 ¹ / ₄	38 42.2	32	64	0.07 0.08	0.12 0.14	0.14 0.16	0.15 0.17	0.20 0.23	0.20 0.23
40	1 ¹ / ₂	45 48.3	38	76	0.11 0.11	0.17 0.19	0.20 0.21	0.23 0.24	0.30 0.33	0.30 0.33
50	2	57 60.3	51	102	0.18 0.19	0.30 0.32	0.38 0.41	0.41 0.44	0.57 0.60	0.57 0.60
65	2 ¹ / ₂	76 73	64	157	0.39 0.37	0.56 0.53	0.65 0.62	0.91 0.87	1.21 1.15	1.21 1.15
80	3	89	76	152	0.54	0.78	1.01	1.36	1.84	1.84
90	3 ¹ / ₂	101.6	89	178	0.73	1.04	1.36	1.91	2.62	2.62
100	4	108 114	102	204	0.89 0.94	1.27 1.35	1.65 1.75	2.44 2.59	3.39 3.59	3.39 3.59
125	5	133 141.3 139.7	127	254	1.79 1.90 1.88	2.18 2.32 2.30	3.17 3.38 3.34	4.10 4.37 4.32	5.83 6.22 6.14	5.83 6.22 6.14
150	6	168.3 159 165	152	304	2.72 2.57 2.66	3.32 3.14 3.26	4.84 4.56 4.74	6.79 6.40 6.65	10.23 9.63 10.02	10.23 9.63 10.02
200	18	219 216	203	406	4.74 4.68	6.41 6.32	10.61 10.46	13.65 13.46	20.74 20.44	20.74 20.44
250	10	273 267.4	254	508	9.08 8.89	11.16 10.92	16.64 16.29	24.22 23.70	32.75 32.04	38.55 37.72



90° 180°长半径弯头
Short Radius Elbows (90° 180°)

上述尺寸符合 GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。
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We can provide:
Stainless steel (304, 304L, 304H, 316, 316L, 316TI, 316H,
321, 321H,347/H, 310S, 317L, 904L, S31254/SM0254)
Duplex St©GI (S31803/S32205/2205, S32750/2507,
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90° 180°长半径弯头
Short Radius Elbows (90° 180°)

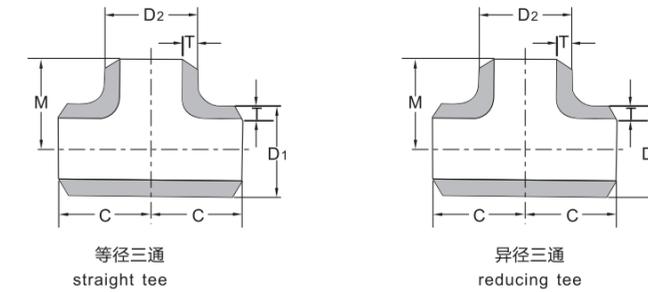
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公称通径 Nominal diameter		外径 Outside diamete	中心至端面 的距离 Center to end	中心至中心 的距离 Center to Center	90° L/R弯头理论重量kg/pc 90°L/R Elbow Approx weight					
DN	NPS	OD	A	○	sch5S	sch10S	sch20S/ LG	sch40S/ STD	sch80S/ XS	sch80
300	12	325 323.9 318	305	610	15.12 15.07 14.79	17.42 17.36 17.04	23.88 23.80 23.36	35.76 35.64 34.97	47.18 47.01 46.12	63.94 93.71 62.49
350	14	377 355.6	356	712	20.51 19.33	24.70 23.28	40.99 38.61	48.62 45.79	64.24 60.46	94.67 89.01
400	16	426 406.4	406	812	27.98 26.68	31.88 30.40	52.95 50.47	62.84 59.89	83.11 79.17	137.34 130.69
450	18	478 457.2	457	914	35.38 33.38	40.32 38.54	67.01 64.05	79.57 76.04	105.32 100.61	192.90 184.06
500	20	529 508	508	1016	49.64 47.66	57.45 55.15	82.58 79.25	98.08 94.12	129.91 124.62	260.90 250.00
550	22	559	559	1118	57.75	66.85	93.10	114.16	151.26	330.49 441.22
600	24	630 610	610	1220	82.30 79.67	94.21 91.19	118.38 114.57	140.67 136.14	186.51 180.46	- -
650	26	660	660	1320	-	-	134.26	159.56	211.60	-
700	28	720 711	711	1422	-	-	157.94 155.95	187.75 175.37	249.08 245.91	- -
750	30	762	762	1524	142.60	177.49	179.26	213.11	282.80	-
800	32	820 813	813	1626	-	-	205.97 204.19	244.90 242.78	325.08 322.26	- -
850	34	864	864	1728	-	-	230.75	274.39	364.30	-
900	36	920 914	914	1828	-	-	260.07 258.36	309.29 307.25	410.74 408.02	- -
950	38	956	965	1930	-	-	288.13	342.69	455.17	-
1000	40	1016 1020	1016	2032	-	-	319.53 320.80	380.06 381.57	504.89 506.90	- -
1050	42	1067	1067	2134	-	-	352.55	419.36	557.18	-
1100	44	1118 1120	1118	2236	-	-	387.19 387.88	460.60 461.43	612.05 613.16	- -
1150	46	1168	1168	2336	-	-	422.72	502.90	668.35	-
1200	48	1220	1220	2440	-	-	461.34	548.87	729.53	-



公称通径 Nominal diameter		外径 Outside diamete	中心至端面的距离 Center to end		理论重量kg/pc Approx weight					
DN	NPS	D1XD2	C	M	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
20x20	3/4 x 3/4	25x25 26.7x26.7	29	29	0.07 0.08	0.10 0.11	0.13 0.15	0.13 0.15	0.16 0.18	0.16 0.18
20x15	3/4 x 1/2	25x18 26.7x21.3	29	29	0.06 0.07	0.09 0.10	0.12 0.13	0.12 0.13	0.15 0.16	0.15 0.16
25x25	1x1	32x32 33.4 x 33.4	38	38	0.11 0.12	0.19 0.20	0.23 0.25	0.23 0.25	0.30 0.32	0.30 0.32
25x20	1x3/4	32x25 33.4 x 26.7	38	38	0.10 0.11	0.18 0.19	0.22 0.24	0.22 0.24	0.28 0.31	0.28 0.31
25x15	1x1/2	32x18 33.4x21.3	38	38	0.09 0.10	0.17 0.18	0.21 0.23	0.21 0.23	0.27 0.30	0.27 0.30
32x32	1.1/4x 1.1/4	38x38 42.2x42.2	48	48	0.19 0.20	0.36 0.39	0.42 0.52	0.42 0.52	0.63 0.73	0.63 0.73
32x25	1.1/4 x1	38x32 42.2 x 33.4	48	48	0.18 0.19	0.33 0.35	0.40 0.42	0.40 0.42	0.58 0.68	0.58 0.68
32x20	1.1/4 x 3/4	38x25 42.2 x 26.7	48	48	0.17 0.18	0.31 0.32	0.38 0.40	0.38 0.40	0.55 0.65	0.55 0.65
32x15	1.1/4x1/2	38x18 42.2x21.3	48	48	0.16 0.17	0.30 0.31	0.36 0.38	0.36 0.38	0.52 0.62	0.52 0.62
40x40	1.1/2 x 1.1/2	45x45 48.3x48.3	57	57	0.35 0.45	0.59 0.69	0.78 0.88	0.78 0.88	1.08 1.18	1.08 1.18
40x32	1.1/2x1.1/4	45x38 48.3x42.2	57	57	0.32 0.42	0.54 0.65	0.72 0.82	0.72 0.82	0.99 1.09	0.99 1.09
40x25	1.1/2 x1	45x32 48.3x33.4	57	57	0.27 0.37	0.45 0.65	0.60 0.80	0.60 0.80	0.83 1.08	0.83 1.08
40x20	1.1/2 x 3/4	45x25 48.3x26.7	57	57	0.26 0.36	0.44 0.64	0.58 0.68	0.58 0.68	0.80 1.00	0.80 1.00
40x15	1.1/2 x 1/2	45x18 48.3x21.3	57	57	0.25 0.35	0.42 0.62	0.56 0.66	0.56 0.66	0.78 0.78	0.78 0.78
50x50	2x2	57x57 60.3x60.3	64	64	0.49 0.50	1.03 1.05	1.15 1.18	1.15 1.18	1.65 1.67	1.65 1.67
50x40	2 x 1.1/2	57x45 60.3x48.3	64	60	0.44 0.45	0.93 0.95	1.04 1.06	1.04 1.06	1.48 1.50	1.48 1.50
50x32	2 x 1.1/4	57x38 60.3x42.2	64	57	0.40 0.43	0.81 0.89	0.98 1.00	0.98 1.00	1.37 1.42	1.37 1.42
50x25	2x1	57x32 60.3 x 33.4	64	51	0.39 0.40	0.72 0.84	0.92 0.94	0.92 0.94	1.31 1.34	1.31 1.34
50x20	2x3/4	57x25 60.3 x 26.7	64	44	0.37 0.38	0.70 0.80	0.87 0.90	0.87 0.90	1.24 1.27	1.24 1.27



三通 (等径、异径)
Tees(straight and reducing)

上述尺寸符合 GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。

Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313

理论重量按ANSI B16.19标准壁厚测算
Weights are approximate and
based on manufacturer's data,
according to ANSI B16.19

We can provide:
Stainless steel (304, 304L, 304H, 316, 316L, 316TI, 316H,
321, 321H,347/H, 310S, 317L, 904L, S31254/SM0254)
Duplex St@GI (S31803/S32205/2205, S32750/2507,
S32760) Special Alloy (N04400/400, N06625/625,
N08825/825, N10276VC276, 800/800H, 600/600H)
Our specialized products:
stainless steel pipe fittings, stainless steel flanges and
stainless steel tubes



三通 (等径、异径)
Tees(straight and reducing)

上述尺寸符合 GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4 ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。

Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN10253-4, ASME B16.9, DIN 2605, JIS B2313标准。

理论重量按ANSI B16.110253-4, SME Weights are approximate and based on manufacturer's data, according to ANSI B16.19

公称通径 Nominal diameter		外径 Outside diameter	中心至端面的距离 Center to end		理论重量kg/pc Approx weight					
DN	NPS	D1XD2	C	M	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
65x65	2.1/2 x 2.1/2	76x76 73.0 x 73.0	76	76	0.87 0.86	1.21 1.25	2.10 2.12	2.10 2.12	2.80 2.88	2.80 2.88
65x50	2.1/2 x 2	76x57 73.0 x 60.3	76	70	0.82 0.81	1.17 1.16	2.00 1.98	2.00 1.98	2.70 2.65	2.70 2.65
65x40	2.1/2 x 1.1/2	76x45 73.0x48.3	76	67	0.77 0.76	1.11 1.10	1.89 1.88	1.89 1.88	2.56 2.55	2.56 2.55
65x32	2.1/2 x 1.1/4	76x38 73.0 x 42.2	76	64	0.75 0.74	1.10 1.08	1.80 1.89	1.80 1.89	2.50 2.25	2.50 2.25
65x25	2.1/2 x 1	76x32 73.0 x 33.4	76	57	0.76 0.70	1.10 1.07	1.86 1.81	1.86 1.81	2.53 2.08	2.53 2.08
80x80	3x3	89x89	86	86	1.16	1.68	3.02	3.02	4.19	4.19
80x65	3 x 2.1/2	89x76 88.9 x 73.0	86	83	1.11 1.10	1.62 1.60	2.89 2.87	2.89 2.87	4.02 3.98	4.02 3.98
80x50	3x2	88.9 x 57 88.9 x 60.3	86	76	1.06 1.07	1.53 1.55	2.76 2.79	2.76 2.79	3.81 3.85	3.81 3.85
80x40	3x1.1/2	88.9x45 88.9 x 48.3	86	73	1.01 1.03	1.49 1.50	2.67 2.69	2.67 2.69	3.70 3.73	3.70 3.73
80x32	3x1.1/4	89x38 88.9x42.2	86	70	1.00 1.00	1.48 1.45	2.65 2.60	2.65 2.60	3.68 3.60	3.68 3.60
90x90	3.1/2 x 3.1/2	101.6x101.6	95	95	1.33	1.92	3.61	3.61	5.08	5.08
90x80	3.1/2 x 3	101.6x88.9	95	92	1.26	1.82	3.43	3.43	4.83	4.83
90x65	3.1/2 x 2.1/2	101.6x73.0	95	89	1.22	1.76	3.32	3.32	4.67	4.67
90x50	3.1/2 x 2	101.6x60.3	95	83	1.20	1.73	3.25	3.25	4.57	4.57
90x40	3.1/2 x 1.1/2	101.6x48.3	95	79	1.17	1.70	3.21	3.21	4.51	4.51
100x100	4x4	108x108 114.3x114.3	105	105	1.66 1.75	2.41 2.54	4.75 5.01	4.75 5.01	6.75 7.12	6.75 7.12
100x90	4 x 3.1/2	114.3x101.6	105	102	1.70	2.46	4.85	4.85	6.89	6.89
100x80	4x3	108x89 114.3x88.9	105	98	1.55 1.61	2.24 2.33	4.42 4.60	4.42 4.60	6.27 6.52	6.27 6.52
100x65	4 x 2.1/2	108x76 114.3x73.0	105	95	1.53 1.60	2.21 2.31	4.36 4.56	4.36 4.56	6.50 6.50	6.50 6.50
100x50	4x2	108x57 114.3x60.3	105	89	1.51 1.57	2.19 2.29	4.32 4.41	4.32 4.41	6.13 6.12	6.13 6.12
100x40	4x 1.1/2	108x45 114.3x48.3	105	86	1.50 1.55	2.09 2.24	4.22 4.00	4.22 4.00	6.03 6.02	6.03 6.02
125x125	5x5	133x133 141.3x141.3	124	124	3.18 3.37	3.91 4.14	7.53 7.98	7.53 7.98	10.9 11.6	10.9 11.6
125x100	5x4	133x108 141.3x114.3	124	117	3.03 3.15	3.73 3.90	7.20 7.52	7.20 7.52	10.4 10.8	10.4 10.8

We can provide:
Stainless steel (304, 304L, 304H, 316, 316L, 316Ti, 316H, 321, 321H, 347/H, 310S, 317L, 904L, S31254/SM0254)
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三通 (等径、异径)
Tees(straight and reducing)

上述尺寸符合 GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4 ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。

Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313

理论重量按ANSI B16.19标准壁厚测算 Weights are approximate and based on manufacturer's data, according to ANSI B16.19

公称通径 Nominal diameter		外径 Outside diameter	中心至端面的距离 Center to end		理论重量kg/pc Approx weight					
DN	NPS	D1XD2	C	M	sch5S	sch10S	sch40	sch40S/ STD	sch80S/ XS	sch80 XS
125x90	5 x 3.1/2	141.3x101.6	124	114	3.09	3.83	7.39	7.39	10.6	10.6
125x80	5x3	133x89 141.3x88.9	124	111	2.90 3.02	3.59 3.74	6.92 7.21	6.92 7.21	10.0 10.4	10.0 10.4
125x65	5 x 2.1/2	133x76 141.3x73.0	124	108	2.85 3.00	3.59 3.73	6.92 7.20	6.92 7.20	10.0 10.4	10.0 10.4
125x50	5x2	133x57 141.3x60.3	124	105	2.80 3.92	3.58 3.73	6.92 7.20	6.92 7.20	10.0 10.4	10.0 10.4
150x150	6x6	159x159 168.3x168.3	143	143	4.09 4.32	5.03 5.31	10.5 11.1	10.5 11.1	16.2 17.1	16.2 17.1
150x125	6x5	159x133 168.3x141.3	143	137	3.84 4.13	4.73 5.08	9.88 10.6	9.88 10.6	15.2 16.3	15.2 16.3
150x100	6x4	159x108 168.3x114.3	143	130	3.76 3.95	4.64 4.87	9.70 10.2	9.70 10.2	14.9 15.6	14.9 15.6
150x90	6 x 3.1/2	168.3x101.6	143	127	3.91	4.82	10.1	10.1	15.5	15.5
150x80	6x3	159x89 168.3x88.9	143	124	3.72 3.93	4.56 4.82	9.56 10.0	9.56 10.0	14.7 15.3	14.7 15.3
150x65	6 x 2.1/2	159x76 168.3x73.0	143	121	3.70 3.81	4.51 4.72	9.51 10.0	9.51 10.0	14.6 15.2	14.6 15.2
200 x 200	8x8	219x219	178	178	7.72	10.4	22.8	22.8	35.4	35.4
200x150	8x6	219x159 219.1 x168.3	178	168	6.74 7.17	9.20 9.74	19.9 21.1	19.9 21.1	30.9 32.8	30.9 32.8
200x125	8x5	219x133 219.1 x141.3	178	162	6.61 7.03	8.98 9.55	19.5 20.7	19.5 20.7	30.2 32.2	30.2 32.2
200x100	8x4	219x108 219.1 x114.3	178	156	6.43 6.84	8.73 9.39	19.0 19.9	20.5 20.2	29.4 31.3	29.4 31.3
200 x 90	8 x 3.1/2	219.1 x 101.6	178	152	6.84	9.18	19.8	20.1	31.1	31.1
250 x 250	10x10	273 x 273	216	216	14.6	18.04	40.04	40.04	52.8	65.12
250 x 200	10x8	273x219	216	203	13.3	16.4	36.4	36.4	49.8	59.2
250x150	10x6	273x159 273.1 x168.3	216	194	11.4 12.1	15.0 15.0	31.4 33.4	31.4 33.4	42.7 45.4	50.7 54.0
250x125	10x5	273x133 273.1 x141.3	216	191	11.2 11.9	14.6 14.6	30.7 32.7	30.7 32.7	41.8 44.5	49.7 52.9
250x100	10x4	273x108 273.1 x114.3	216	184	11.0 11.7	14.4 14.4	30.3 32.2	30.3 32.2	41.2 42.9	49.0 52.1
300 x 300	12x12	325 x 325 323.9 x323.9	254	254	21.5 21.5	24.8 24.8	51.8 51.8	56.1 56.0	69.0 69.0	95.0 95.0
300 x 250	12x10	325 x 273 323.9x273.1	254	241	20.4 20.3	23.6 23.4	49.2 49.1	53.3 53.1	65.6 65.2	90.3 90.2

We can provide:
Stainless steel (304, 304L, 304H, 316, 316L, 316Ti, 316H, 321, 321H, 347/H, 310S, 317L, 904L, S31254/SM0254)
Duplex St©GI (S31803/S32205/2205, S32750/2507, S32760) Special Alloy (N04400/400, N06625/625, N08825/825, N10276VC276, 800/800H, 600/600H)
Our specialized products:
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes



三通 (等径、异径)
Tees(straight and reducing)

上述尺寸符合 GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。

Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313

理论重量按ANSI B16.19标准壁厚测算
Weights are approximate and based on manufacturer's data, according to ANSI B16.19

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公称通径 Nominal diameter		外径 Outside diameter	中心至端面的距离 Center to end		理论重量kg/pc Approx weight					
DN	NPS	D1XD2	C	M	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
300 x 200	12x8	325x219 323.9x219.1	254	229	20.2 20.0	23.3 23.1	48.4 48.2	52.4 52.2	64.4 64.2	88.6 88.4
300x150	12x6	325x159 323.9x168.3	254	219	18.4 19.5	22.5 22.7	44.3 47.1	47.9 51.0	59.0 62.7	81.2 86.4
300x125	12x5	325x133 323.9x141.3	254	216	18.0 19.1	20.8 22.1	43.6 46.3	47.1 50.2	57.8 61.5	79.6 84.6
350 x 350	14x14	377 x 377 355.6 x355.6	279	279	27.4 25.7	33.1 31.1	66.1 62.0	77.2 72.5	88.0 82.7	132 124
350 x 300	14x12	377 x 325 355.6 x 323.9	279	270	25.8 24.2	31.1 29.2	62.1 58.3	72.5 68.2	82.7 77.7	124 116
350 x 250	14x10	377x273 355.6x273.1	279	257	25.1 23.7	30.3 28.6	60.5 57.0	70.8 66.7	80.7 76.0	121 114
350 x 200	14x8	377x219 355.6x219.1	279	248	24.6 23.1	29.7 27.9	59.2 55.7	69.2 65.2	78.0 74.2	118 111
350x150	14x6	377x159 355.6x168.3	279	238	24.0 22.3	29.0 27.1	57.9 54.2	67.8 64.8	77.1 77.8	115 110
400x400	16x16	426 x 426 406.4 x406.4	305	305	33.1 31.4	38.0 36.1	75.9 72.3	101 96.4	101 96.1	170 162
400 x 350	16x14	426 x 377 406.4 x355.6	305	305	32.0 30.4	36.8 34.9	73.6 70.1	98.1 93.4	97.8 92.9	179 162
400 x 300	16x12	426 x 325 406.4 x323.9	305	295	31.0 28.2	35.6 34.4	71.4 69.1	95.2 90.8	94.7 89.2	173 168
400 x 250	16x10	426 x 273 406.4x273.1	305	283	30.2 28.7	34.7 33.0	69.9 66.6	93.1 88.7	92.5 87.8	169 161
400 x 200	16x8	426x219 406.4x219.1	305	273	29.5 28.1	33.9 32.3	68.4 65.1	91.1 86.8	90.2 86.0	165 157
400x150	16x6	426x159 406.4x168.3	305	264	29.2 27.7	33.5 31.8	67.6 64.4	217 206	89.2 84.8	90.1 85.8
450x450	18x18	478 x 478 457 x457	343	343	41.9 39.8	47.8 45.5	95.3 90.7	349 332	127 120	142 136
450x400	18x16	478 x 426 457 x406.4	343	330	41.0 39.0	46.8 44.5	93.3 88.9	342 325	144 118	140 133
450 x 350	18x14	478 x 377 406.4 x355.6	343	330	40.4 38.3	46.1 43.8	91.9 87.3	336 320	142 135	137 130
450 x 300	18x12	478 x 325 406.4 x323.9	343	321	39.8 37.3	45.4 42.6	90.6 85.0	331 216	140 131	135 127
450 x 250	18x10	478 x 273 457x273.1	343	308	39.3 37.3	44.9 42.6	89.6 85.0	228 216	138 131	134 127
450 x 200	18x18	478x219 457x219.1	343	298	38.8 36.9	44.3 42.1	89.1 84.7	225 213	137 130	132 126



三通 (等径、异径)
Tees(straight and reducing)

上述尺寸符合 GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。

Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313

理论重量按ANSI B16.19标准壁厚测算
Weights are approximate and based on manufacturer's data, according to ANSI B16.19

We can provide:
Stainless steel (304, 304L, 304H, 316, 316L, 316TI, 316H, 321, 321H, 347/H, 310S, 317L, 904L, S31254/SM0254)
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公称通径 Nominal diameter		外径 Outside diameter	中心至端面的距离 Center to end		理论重量kg/pc Approx weight					
DN	NPS	D1XD2	C	M	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
500 x 500	20x20	529 x 529 508 x508	381	381	58.9 56.3	68.2 65.3	117 112	469 449	156 149	186 178
500 x 450	20x18	529 x 478 508 x 457	381	368	57.9 55.4	67.1 64.2	115 110	462 441	154 147	183 175
500 x 400	20x16	529 x 426 508 x 406.4	381	356	57.0 54.7	66.0 63.4	113 109	454 436	151 145	180 173
500 x 350	20x14	529 x 377 508 x 355.6	381	356	56.0 53.7	64.9 62.3	111 107	446 428	148 142	177 170
500 x 300	20x12	529 x 325 508 x 323.9	381	346	55.0 52.8	63.8 61.2	109 105	438 421	146 140	174 167
500 x 250	20x10	529 x 273 508x273.1	381	333	54.4 52.2	63.0 60.5	108 104	433 416	144 138	172 165
500 x 200	20x8	529x219 508x219.1	381	324	53.7 51.5	62.3 59.7	107 102	428 410	142 137	170 163
550 x 550	22x22	559 x 559	419	419	73.5	85.2	146	635	195	-
550 x 500	22x20	559 x 508	419	406	70.7	81.9	141	610	187	-
550 x 450	22x18	559 x 457	419	394	67.7	78.5	135	584	180	-
550 x 400	22x16	559 x 406.4	419	381	66.2	76.7	132	571	179	-
550 x 350	22x14	559 x 355.6	419	381	65.5	75.9	130	565	174	-
550 x 300	22x12	559 x 323.9	419	371	64.0	74.2	127	552	170	-
550 x 250	22x10	559x273.1	419	359	62.5	72.5	124	540	166	-
600 x 600	24x24	630 x 630 610x610	432	432	96.0 93.9	110 107	165 161	797 779	220 215	303 296
600 x 550	24x22	610x559	432	432	90.1	103	155	748	206	-
600 x 500	24x20	630 x 529 610x508	432	432	92.2 86.4	105 99.4	158 148	765 701	211 198	291 272
600 x 450	24x18	630 x 478 610x457	432	419	88.4 84.5	101 96.9	152 145	734 694	202 193	278 266
600 x 400	24x16	630 x 426 610x406.4	432	406	86.4 83.2	99.1 95.7	148 143	718 690	198 191	272 263
600 x 350	24x14	630 x 377 610x355.6	432	406	85.5 81.7	98.0 93.5	147 140	710 678	195 187	269 257
600 x 300	24x12	630 x 325 610x 323.9	432	397	83.5 79.8	95.8 91.5	143 137	678 662	191 182	263 251
600 x 250	24x10	630 x 273 610x273.1	432	384	81.6 77.9	93.6 89.3	140 134	662 647	187 178	257 245
650 x 650	26x26	660 x 660	495	495	-	-	206	-	274	-
650 x 600	26x24	660x610	495	483	-	-	197	-	263	-
650 x 550	26x22	660 x 559	495	470	-	-	189	-	252	-



三通 (等径、异径)
Tees(straight and reducing)

上述尺寸符合 GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。

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DN	NPS	D1XD2	C	M	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
650 x 500	26x20	660 x 508.0	495	457	-	-	185	-	246	-
650x450	26x18	660x457.2	495	444	-	-	183	-	244	-
650x400	26x16	660x406.4	495	432	-	-	179	-	238	-
650 x 350	26x14	660 x 355.6	495	432	-	-	175	-	233	-
650 x 300	26x12	660 x 323.9	495	422	-	-	171	-	227	-
700 x 700	28x28	720 x 720 711x711	521	521	-	-	232 229	-	300 305	-
700 x 650	28x26	711x 660	521	521	-	-	222	-	293	-
700 x 600	28x24	720 x 630 711 x610	510	508	-	-	222 211	-	296 275	-
700 x 550	28x22	711 x 559	521	495	-	-	204	-	272	-
700 x 500	28x20	720 x 529 711x 508	521	483	-	-	222 199	-	296 265	-
700x450	28x18	720 x 478 711x 457	521	470	-	-	208 195	-	275 263	-
700x400	28x16	720 x 426 711 x 406.4	521	457	-	-	206 190	-	268 259	-
700 x 350	28x14	720 x 377 711 x 355.6	521	457	-	-	201 183	-	260 253	-
700 x 300	28x12	720 x 325 711 x 323.9	521	448	-	-	197 179	-	256 244	-
750 x 750	30x30	762 x 762	559	559	176	200	264	-	352	-
750 x 700	30x28	762 x 711	559	546	-	-	254	-	338	-
750 x 650	30x26	762 x 660	559	546	-	-	243	-	323	-
750 x 600	30x24	762x610	559	533	158	197	238	-	317	-
750 x 550	30x22	762 x 559	559	521	157	195	235	-	314	-
750 x 500	30x20	762 x 508	559	508	153	174	230	-	306	-
750x450	30x18	762 x 457	559	495	149	170	224	-	299	-
750x400	30x16	762 x 406.4	559	483	146	166	219	-	292	-
750 x 350	30x14	762 x 355.6	559	483	141	166	211	-	285	-
750 x 300	30x12	762 x 323.9	559	473	137	156	206	-	275	-
750 x 250	30x10	762 x 273	559	460	132	150	198	-	264	-
800 x 800	32x32	820 x 820 813x813	597	597	-	-	303 302	-	405 402	-
800 x 750	32x30	813x762	597	584	-	-	290	-	386	-
800 x 700	32x28	820 x 720 713x711	597	572	-	-	291 277	-	388 370	-
800 x 650	32x26	813x660	597	572	-	-	271	-	362	-



三通 (等径、异径)
Tees(straight and reducing)

上述尺寸符合 GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。

Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313

理论重量按ANSI B16.19标准壁厚测算
Weights are approximate and based on manufacturer's data, according to ANSI B16.19

We can provide:
Stainless steel (304, 304L, 304H, 316, 316L, 316Ti, 316H, 321, 321H, 347/H, 310S, 317L, 904L, S31254/SM0254)
Duplex St@GI (S31803/S32205/2205, S32750/2507, S32760) Special Alloy (N04400/400, N06625/625, N08825/825, N10276VC276, 800/800H, 600/600H)
Our specialized products:
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes

公称通径 Nominal diameter		外径 Outside diamete	中心至端面的距离 Center to end		理论重量kg/pc Approx weight					
DN	NPS	D1XD2	C	M	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
800 x 600	32x24	820 x 630 813x610	597	559	-	-	279 268	-	356 358	-
800 x 550	32x22	813x559	597	546	-	-	262	-	350	-
800 x 500	32x20	820 x 529 813x508	597	533	-	-	273 256	-	364 342	-
800 x 450	32x18	820 x 478 813x457	597	521	-	-	270 250	-	360 334	-
800 x 400	32x16	820 x 426 813x406.4	597	508	-	-	264 241	-	352 322	-
800 x 350	32x14	820 x 377 813x355.6	597	508	-	-	258 235	-	344 314	-
850 x 850	34x34	864 x 864	635	635	-	-	341	626	415	-
850 x 800	34x32	864x813	635	622	-	-	328	610	437	-
850 x 750	34x30	864 x 762	635	610	-	-	314	-	419	-
850 x 700	34x28	864x711	635	597	-	-	307	-	409	-
850 x 650	34x26	864 x 660	635	597	-	-	304	-	405	-
850 x 600	34x24	864x610	635	584	-	-	297	545	396	-
850 x 550	34x22	864 x 559	635	572	-	-	290	532	387	-
850 x 500	34x20	864 x 508	635	559	-	-	283	520	378	-
850 x 450	34x18	864 x 457	635	546	-	-	273	501	364	-
850 x 400	34x16	864 x 406.7	635	533	-	-	266	488	355	-
900 x 900	36x36	920 x 920 914x914	673	673	-	-	648 639	786 767	543 511	-
900 x 850	36x34	914x864	673	660	-	-	619	736	511	-
900 x 800	36x32	920 x 820 914x813	673	648	-	-	370 353	741 690	594 470	-
900 x 750	36x30	914x762	673	635	-	-	345	-	460	-
900 x 700	36x28	920 x 720 914x711	673	622	-	-	355 341	-	473 455	-
900 x 650	36x26	914x660	673	622	-	-	333	667	447	-
900 x 600	36x24	914x610	673	610	-	-	326	651	434	-
900 x 550	36x22	914x559	673	597	-	-	318	636	424	-
900 x 500	36x20	920 x 529 914x508	673	584	-	-	347 306	685 598	462 409	-
900 x 450	36x18	920 x 478 914x457	673	572	-	-	343 299	693 913	457 398	-
900 x 400	36x16	920 x 426 914x406.4	673	559	-	-	335 287	669 575	447 383	-



异径接头(同心、偏心)

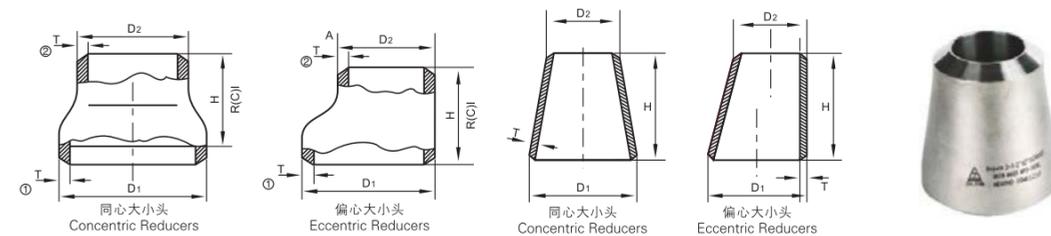
Reducers (concentric and eccentric)

上述尺寸符合 GB/T 12459,GB/T 13401 SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。

Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313.

理论重量按ANSI B16.19标准壁厚测算
Weights are approximate and based on manufacturer's data, according to ANSI B16.19

We can provide:
Stainless steel (304, 304L, 304H, 316, 316L, 316TI, 316H, 321, 321H, 347/H, 310S, 317L, 904L, S31254/SM0254)
Duplex St@GI (S31803/S32205/2205, S32750/2507, S32760) Special Alloy (N04400/400, N06625/625, N08825/825, N10276VC276, 800/800H, 600/600H)
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stainless steel pipe fittings, stainless steel flanges and stainless steel tubes



公称通径 Nominal diameter		外径 Outside diamete	端面至端面的距离 End to end	理论重量kg/pc Approx weight					
DN	NPS			D1XD2	H	sch5S	sch10S	sch40S/ STD	sch40
20x15	3/4 x 1/2	25x18 26.7x21.3	38	0.03 0.04	0.04 0.04	0.05 0.06	0.05 0.06	0.07 0.07	0.07 0.07
25x20	1x3/4	32x25 33.4 x 26.7	51	0.06 0.06	0.09 0.10	0.11 0.11	0.11 0.11	0.14 0.15	0.14 0.15
25x15	1x1/2	32x18 33.4x21.3	51	0.05 0.06	0.08 0.09	0.09 0.10	0.09 0.10	0.12 0.13	0.12 0.13
32x25	1.1/4x1	38x32 42.2 x 33.4	51	0.07 0.08	0.11 0.12	0.14 0.15	0.14 0.15	0.18 0.20	0.18 0.20
32x20	1.1/4 x 3/4	38x25 42.2x26.7	51	0.06 0.07	0.10 0.11	0.13 0.14	0.13 0.14	0.16 0.18	0.16 0.18
32x15	1.1/4 x 1/2	38x18 42.2x21.3	51	0.06 0.07	0.09 0.11	0.11 0.13	0.11 0.13	0.14 0.17	0.14 0.17
40x32	1.1/2x1.1/4	45x38 48.3 x 33.4	64	0.11 0.11	0.17 0.19	0.22 0.24	0.22 0.24	0.29 0.32	0.29 0.32
40x25	1.1/2x1	45x32 48.3 x 33.4	64	0.10 0.10	0.16 0.17	0.20 0.22	0.20 0.22	0.27 0.29	0.27 0.29
40x20	1.1/2 x 3/4	45x25 48.3x26.7	64	0.09 0.10	0.15 0.16	0.18 0.20	0.18 0.20	0.24 0.26	0.24 0.26
40x15	1.1/2 x 1/2	45x18 48.3x21.3	64	0.08 0.09	0.13 0.15	0.16 0.19	0.16 0.19	0.21 0.24	0.21 0.24
50x40	2x1.1/2	57x45 60.3x48.3	76	0.16 0.17	0.26 0.27	0.35 0.37	0.35 0.37	0.47 0.51	0.47 0.51
50x32	2 x 1.1/4	57x38 60.3x42.2	76	0.15 0.16	0.24 0.26	0.32 0.35	0.32 0.35	0.44 0.48	0.44 0.48
50x25	2x1	57x32 60.3 x 33.4	76	0.14 0.14	0.22 0.24	0.30 0.32	0.30 0.32	0.41 0.44	0.41 0.44
65x50	2.1/2 x 2	76x57 73.0 x 60.3	89	0.30 0.30	0.43 0.43	0.70 0.70	0.70 0.70	0.92 0.92	0.92 0.92
65x40	2.1/2 x 1.1/2	76x45 73.0x48.3	89	0.28 0.28	0.40 0.40	0.64 0.63	0.64 0.63	0.84 0.83	0.84 0.83
65x32	2.1/2 x 1.1/4	76x38 73.0x42.2	89	0.26 0.27	0.38 0.38	0.60 0.60	0.60 0.60	0.79 0.79	0.79 0.79
65x25	2.1/2 x 1	76x32 73.0 x 33.4	89	0.25 0.25	0.36 0.35	0.57 0.56	0.57 0.56	0.75 0.73	0.75 0.73
80x65	3 x 2.1/2	89x76 88.9 x 73.0	89	0.38 0.37	0.54 0.53	0.93 0.91	0.93 0.91	1.26 1.23	1.26 1.23
80x50	3x2	89x57 88.9x60.3	89	0.34 0.35	0.48 0.49	0.83 0.84	0.83 0.84	1.11 1.13	1.11 1.13

公称通径 Nominal diameter		外径 Outside diamete	端面至端面的距离 End to end	理论重量kg/pc Approx weight					
DN	NPS			D1XD2	H	sch5S	sch10S	sch40S/ STD	sch40
80x40	3 x 1.1/2	89x45 88.9x48.3	89	0.31 0.32	0.45 0.45	0.76 0.78	0.76 0.78	1.02 1.05	1.02 1.05
90x80	3.1/2 x 3	101.6x88.9	102	0.50	0.72	1.29	1.29	1.77	1.77
90x65	3.1/2 x 2.1/2	101.6x73.0	102	0.46	0.66	1.12	1.12	1.63	1.63
90x50	3.1/2 x 2	101.6x60.3	102	0.43	0.62	1.10	1.10	1.51	1.51
90x40	4 x 3.1/2	101.6x48.3	102	0.41	0.58	1.03	1.03	1.40	1.40
100x90	3.1/2 x 1.1/2	114.3x101.6	102	0.57	0.82	1.55	1.55	2.41	2.41
100x80	4x3	108x89 114.3x88.9	102	0.52 0.54	0.75 0.77	1.41 1.46	1.41 1.46	1.94 2.02	1.94 2.02
100x65	4x2.1/2	108x76 114.3x73.0	102	0.49 0.50	0.70 0.72	1.32 1.35	1.32 1.35	1.82 1.87	1.82 1.87
100x50	4x2	108x57 114.3x60.3	102	0.44 0.48	0.64 0.68	1.19 1.27	1.19 1.27	1.64 1.75	1.64 1.75
125x100	5x4	133x108 141.3x114.3	127	1.04 1.11	1.27 1.35	2.35 2.50	2.35 2.50	3.33 3.55	3.33 3.55
125x90	5 x 3.1/2	141.3x101.6	127	1.06	1.29	2.38	2.38	3.38	3.38
125x80	5x3	133x89 141.3x88.9	127	0.97 1.01	1.18 1.23	2.17 2.27	2.17 2.27	3.07 3.22	3.07 3.22
125x65	5x2.1/2	133x76 141.3x73.0	127	0.92 0.95	1.12 1.16	2.06 2.14	2.06 2.14	2.91 3.02	2.91 3.02
150x125	6x5	159x133 168.3x141.3	140	1.40 1.48	1.71 1.81	3.42 3.64	3.42 3.64	5.14 5.47	5.14 5.47
150x100	6x4	159x108 168.3x114.3	140	1.29 1.37	1.58 1.67	3.15 3.36	3.15 3.36	4.72 5.03	4.72 5.03
150x90	6 x 3.1/2	168.3x101.6	140	1.32	1.61	3.23	3.23	4.83	4.83
150x80	6x3	159x89 168.3x88.9	140	1.21 1.26	1.48 1.53	2.96 3.07	2.96 3.87	4.41 4.58	4.41 4.58
200x150	8x6	219x159 219.1 x 168.3	152	2.00 2.04	2.70 2.75	5.65 5.77	5.65 5.77	8.55 8.73	8.55 8.73
200x125	8x5	219x133 219.1 x 141.3	152	1.90 1.93	2.56 2.60	5.35 5.44	5.35 5.44	8.09 8.23	8.09 8.23
200x100	8x4	219x108 219.1 x 114.3	152	1.80 1.83	2.43 2.46	5.07 5.14	5.07 5.44	7.64 7.75	7.64 7.75
250 x 200	10x8	273x219	178	3.72	4.56	9.74	15.5	15.5	15.5
250x150	10x6	273x159 273.1 x 168.3	178	3.38 3.43	4.15 4.21	8.83 8.96	14.0 14.2	14.0 14.2	14.0 14.2
250x125	10x5	273x133 273.1 x 141.3	178	3.25 3.29	3.99 4.04	8.47 8.59	13.4 13.6	13.4 13.6	13.4 13.6
300 x 250	12x10	325 x 273 323.9x273.1	203	5.98 5.97	6.89 6.88	13.9 13.9	15.0 15.0	18.3 18.3	24.8 24.8
300 x 200	12x8	325x219 323.9x219.1	203	5.57 5.56	6.42 6.41	12.9 12.9	14.0 13.9	17.0 17.0	23.0 23.0



异径接头(同心、偏心)

Reducers (concentric and eccentric)

上述尺寸符合 GB/T 12459,GB/T 13401 SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。

Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313.

理论重量按ANSI B16.19标准壁厚测算
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We can provide:
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Reducers (concentric and eccentric)

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公称通径 Nominal diameter		外径 Outside diameter	端面至端面的距离 End to end	理论重量kg/pc Approx weight					
DN	NPS	D1XD2	H	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
300x150	12x6	325x159 323.9x168.3	203	5.17 5.22	5.95 6.00	12.0 12.1	12.9 13.0	15.7 15.9	21.2 21.4
350 x 300	14x12	377 x 325 355.6 x 323.9	330	11.4 11.0	13.7 13.2	26.6 25.6	30.9 29.8	35.1 33.8	51.6 49.8
350 x 250	14x10	377 x 273 355.6x273.1	330	10.6 10.2	12.8 12.3	24.8 23.8	28.8 27.7	32.7 31.4	48.0 46.1
350 x 200	14x8	377x219 355.6x219.1	330	9.89 9.46	11.9 11.4	23.0 22.0	26.7 25.5	30.3 29.0	44.5 42.5
350x150	14x6	377x159 355.6x168.3	330	9.63 9.22	11.0 10.5	21.1 20.2	24.5 23.5	27.8 26.6	40.7 38.9
400 x 350	16x14	426 x 377 406.4x355.6	356	14.9 14.1	16.9 16.1	32.9 31.2	43.5 41.2	43.5 41.2	71.7 67.9
400 x 300	16x12	426 x 325 406.4x323.9	356	14.0 13.6	16.0 15.4	31.0 29.9	40.9 39.5	40.9 39.5	67.4 65.1
400 x 250	16x10	426 x 273 406.4x273.1	356	13.2 12.7	15.0 14.5	29.1 28.1	38.4 37.1	38.4 37.1	63.1 60.9
400 x 200	16x8	426x219 406.4x219.1	356	12.4 11.9	14.1 13.6	27.3 26.2	36.0 34.6	36.0 34.6	59.1 56.7
400x150	16x6	426x159 406.4x168.3	356	11.5 9.96	13.1 12.7	25.3 24.5	33.3 32.3	33.3 32.3	54.5 52.7
450 x 400	18x16	478x426 457x406.4	381	17.9 17.1	20.4 19.5	39.7 37.9	58.8 56.1	52.6 50.1	96.1 91.6
450 x 350	18x14	478 x 377 457x355.6	381	17.1 16.2	19.4 18.5	37.7 35.8	55.8 53.0	49.9 47.4	91.1 86.3
450 x 300	18x12	478 x 325 457 x 323.9	381	16.2 15.7	18.5 17.9	35.8 34.7	53.0 51.2	47.4 45.8	86.3 83.4
450 x 250	18x10	478 x 273 457x273.1	381	15.4 14.8	17.6 16.9	34.1 32.8	50.3 48.4	45.0 43.3	81.8 78.6
450 x 200	18x8	478x219 457x219.1	381	14.5 14.0	16.5 15.9	32.0 30.8	47.3 45.5	42.3 40.7	76.7 73.7
500x450	20x18	529 x 478 508 x 457	508	30.4 29.1	35.2 33.7	59.1 56.6	92.5 88.6	78.2 74.9	156 150
500x400	20x16	529 x 426 508 x 406.4	508	28.9 27.7	33.4 32.0	56.2 53.8	87.9 84.1	74.4 71.1	149 142
500 x 350	20x14	529 x 377 508 x 355.6	508	27.6 26.3	31.9 30.4	53.6 51.0	83.8 79.7	70.9 67.4	142 135
500 x 300	20x12	529 x 325 508 x 323.9	508	26.2 25.4	30.3 29.4	50.8 49.3	79.4 77.0	67.2 65.1	134 130
500 x 250	20x10	529 x 273 508x273.1	508	24.8 24.0	28.7 27.8	48.2 26.7	75.2 72.8	63.7 61.7	127 123
500 x 200	20x8	529x219 508x219.1	508	23.5 22.7	27.1 26.2	45.5 43.9	70.9 68.5	60.1 58.0	119 115



异径接头(同心、偏心)

Reducers (concentric and eccentric)

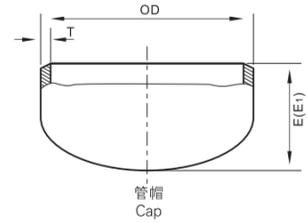
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We can provide:
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公称通径 Nominal diameter		外径 Outside diameter	端面至端面的距离 End to end	理论重量kg/pc Approx weight					
DN	NPS	D1XD2	H	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
550 x 500	22x20	559 x 508	508	32.1	37.3	62.7	-	83.0	182
550 x 450	22x18	559 x 457	508	30.8	35.0	59.9	-	79.3	174
550 x 400	22x16	559 x 406.4	508	29.4	34.0	57.2	-	75.7	165
550 x 350	22x14	559 x 355.6	508	28.0	32.5	54.5	-	72.1	157
600 x 550	24x22	610x559	508	28.0	46.8	68.8	-	91.2	215
600 x 500	24x20	630 x 529 610x508	508	40.4 39.2	46.2 44.9	68.0 66.0	123 119	90.1 87.4	212 206
600 x 450	24x18	630 x 478 610x457	508	39.1 37.6	44.7 43.1	65.8 63.3	119 114	87.1 83.9	205 197
600 x 400	24x16	630 x 426 610x406.4	508	37.5 36.1	43.0 41.3	63.1 60.7	114 110	83.6 80.4	197 189
650 x 600	26x24	660x610	610	-	-	89.8	-	119	-
650 x 550	26x22	660 x 559	610	-	-	86.3	-	114	-
650 x 500	26x20	660 x 508	610	-	-	83.0	-	110	-
650 x 450	26x18	660 x 457	610	-	-	89.0	-	105	-
700 x 650	28x26	711x 660	610	-	-	97.1	-	129	-
700 x 600	28x24	720 x 630 711 x 610	610	-	-	95.7 93.6	-	127 124	-
700 x 550	28x22	711x 559	610	-	-	90.4	-	120	-
750 x 700	30x28	762 x 711	610	-	-	104	-	139	-
750 x 650	30x26	762 x 660	610	-	-	101	-	133	-
750 x 600	30x24	762x610	610	66.4	82.7	97.8	-	130	-
750 x 550	30x22	762 x 559	610	63.9	80.0	94.5	-	125	-
800 x 750	32x30	813x762	610	-	-	112	-	148	-
800 x 700	32x28	820 x 720 812x711	610	-	-	109 108	-	145 144	-
800 x 650	32x26	812x660	610	-	-	105	-	139	-
800 x 600	32x24	820 x 630 813x610	610	-	-	104 102	-	138 135	-
850 x 800	34x32	864x813	610	-	-	119	-	158	-
850 x 750	34x30	864 x 762	610	-	-	116	-	153	-
850 x 700	34x28	864x711	610	-	-	112	-	149	-
850 x 650	34x26	864 x 660	610	-	-	109	-	145	-
900 x 850	36x34	914x864	610	-	-	126	-	168	-
900 x 800	36x32	920 x 820 914x813	610	-	-	124 123	-	164 163	-
900 x 750	36x30	914x762	610	-	-	120	-	159	-
900 x 700	36x28	920 x 720 914x711	610	-	-	118 117	-	156 155	-



管帽CAPS

上述尺寸符合GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。
Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313.

理论重量按ANSI B16.19标准壁厚测算
Weights are approximate and based on manufacturer's data, according to ANSI B16.19

We can provide:
Stainless steel (304, 304L, 304H, 316, 316L, 316TI, 316H, 321, 321H, 347/H, 310S, 317L, 904L, S31254/SM0254)
Duplex St©GI (S31803/S32205/2205, S32750/2507, S32760) Special Alloy (N04400/400, N06625/625, N08825/825, N10276VC276, 800/800H, 600/600H)
Our specialized products:
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes

公称通径 Nominal diameter		外径 Outside diameter	背面至端面的距离 Back to end		(E型) 理论重kg/pc (E) Approx weight					
DN	NPS	OD	E	Ei	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
15	1/2	18 21.3	25	25	0.019 0.022	0.024 0.028	0.031 0.037	0.031 0.037	0.042 0.050	0.042 0.050
20	3/4	25 26.7	25	25	0.027 0.029	0.033 0.035	0.045 0.048	0.045 0.048	0.060 0.065	0.060 0.065
25	1	32 33.7	38	38	0.049 0.052	0.083 0.087	0.101 0.106	0.101 0.106	0.136 0.143	0.136 0.143
32	1.1/4	38 42.4	38	38	0.058 0.065	0.099 0.110	0.126 0.141	0.126 0.141	0.173 0.193	0.173 0.193
40	1.1/2	45 48.3	38	38	0.071 0.076	0.118 0.127	0.158 0.169	0.158 0.169	0.218 0.234	0.218 0.234
50	2	57 60.3	38	44	0.094 0.099	0.156 0.165	0.221 0.234	0.221 0.234	0.313 0.331	0.313 0.331
65	2.1/2	76 73.0	38	51	0.167 0.161	0.241 0.232	0.409 0.393	0.409 0.393	0.555 0.534	0.555 0.534
80	3	89	51	64	0.254	0.367	0.660	0.660	0.917	0.917
90	3.1/2	101.6	64	76	0.355	0.512	0.965	0.965	1.36	1.36
100	4	108 114.3	64	76	0.387 0.410	0.561 0.594	1.11 1.17	1.11 1.17	1.58 1.67	1.58 1.67
125	5	133 139.7 141.3	76	89	0.769 0.808 0.817	0.945 0.993 1.00	1.82 1.91 1.93	1.82 1.91 1.93	2.65 2.78 2.81	2.65 2.78 2.81
150	6	159 168.3 165.2	89	102	1.07 1.13 1.11	1.31 1.39 1.36	2.74 2.90 2.85	2.74 2.90 2.85	4.22 4.47 4.39	4.22 4.47 4.39
200	8	219 216.1	102	127	1.76 1.74	2.38 2.35	5.19 5.13	5.19 5.13	8.05 7.95	8.05 7.95
250	10	273 267.4	127	152	3.36 3.29	4.14 4.05	9.15 8.96	9.15 8.96	12.5 12.2	16.3 16.4



管帽CAPS

上述尺寸符合GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN 10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313标准。
Above dimensions acc. to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313.

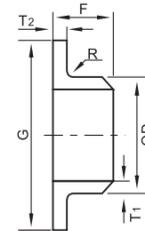
理论重量按ANSI B16.19标准壁厚测算
Weights are approximate and based on manufacturer's data, according to ANSI B16.19

We can provide:
Stainless steel (304, 304L, 304H, 316, 316L, 316TI, 316H, 321, 321H, 347/H, 310S, 317L, 904L, S31254/SM0254)
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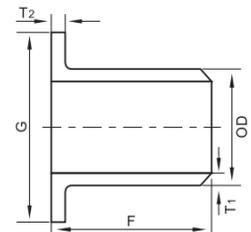
公称通径 Nominal diameter		外径 Outside diameter	背面至端面的距离 Back to end		(E型) 理论重kg/pc (E) Approx weight					
DN	NPS	OD	E	Ei	sch5S	sch10S	sch40S/ STD	sch40	sch80S/ XS	sch80
300	12	325 323.9 318.5	152	187	5.12 5.11 5.02	6.40 6.39 6.27	13.5 13.3 13.2	14.6 14.4 14.2	17.9 17.7 17.3	28.3 27.1 26.8
350	14	377 355.6	165	191	6.00 5.66	8.46 7.87	16.9 15.9	19.9 18.8	22.5 21.2	38.5 35.2
400	16	426 406.4	176	203	6.93 6.60	7.91 7.53	21.0 20.0	28.2 20.0	28.0 26.7	52.0 49.1
450	18	478 457.2	203	229	7.90 7.52	9.01 8.58	26.9 25.6	43.8 41.4	35.8 34.1	76.1 69.1
500	20	529 508.0	229	254	10.5 10.1	12.02 11.7	33.2 31.9	57.6 54.0	44.2 42.5	103 93.7
550	22	559	254	254	12.1	22.6	38.8	78.3	51.7	116
600	24	630 610	254	305	14.8 14.3	16.9 16.4	46.5 45.1	92.3 90.1	61.9 60.1	177 160
650	26	660	267	-	23.3	26.1	50.5	103.5	67.3	
700	28	720 711	267	-	27.1 38.7	32.4 49.7	56.9 56.2	151.1 121.3	75.6 74.9	
750	30	762	267	-	41.4	51.7	62.1	117.3	82.8	
800	32	820 813	267	-	43.4 43.1	58.3 57.7	70.6 70.0	127 126	92.0 91.2	
850	34	864	267	-	57.2	68.5	78.7	144	105	
900	36	920 914	267	-	60.3 59.1	74.6 72.1	86.6 85.7	172 171	115 114	



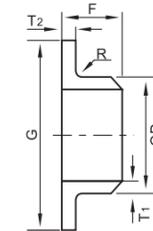
短型 Short Pattern



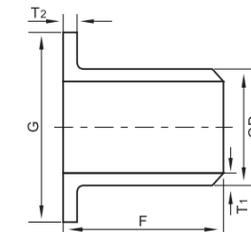
翻边接头
Lap joint stub ends



翻边接头
Lap joint stub ends



翻边接头
Lap joint stub ends



翻边接头
Lap joint stub ends



翻边短接Stub End

上述尺寸符合MSS SP-43 ASME B16.9标准。

Above dimensions acc. to MSS SP-43, ASME B16.9

We can provide:
Stainless steel (304, 304L, 304H, 316, 316L, 316TI, 316H, 321, 321H, 347/H, 310S, 317L, 904L, S31254/SM0254)
Duplex St@GI (S31803/S32205/2205, S32750/2507, S32760) Special Alloy (N04400/400, N06625/625, N08825/825, N10276VC276, 800/800H, 600/600H)
Our specialized products:
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes

公称通径 Nominal diameter	外径 Outside diameter	长度 Length F	长度		搭接外径 Diameter of lap Nominal & Maximum	圆角半径 Radius of FilletR		(E型) 理论重kg/pc (E) Approx weight					
			短型 SP	长型 LP		G	A Max	B Max	sch5S		sch10S		sch40S
DN	NPS	OD	短型 SP	长型 LP	短型 SP				长型 LP	短型 SP	长型 LP	短型 SP	长型 LP
15	1/2	21.3	50.8	76.2	35.1	3	0.75	0.049	0.067	0.063	0.084	0.079	1.106
20	3/4	26.7	50.8	76.2	42.9	3	0.75	0.064	0.087	0.081	0.109	0.101	0.144
25	1	33.4	50.8	101.6	50.8	3	0.75	0.082	0.144	0.134	0.233	0.160	0.279
32	1.1/4	42.4	50.8	101.6	63.5	5	0.75	0.109	0.188	0.178	0.307	0.225	0.386
40	1.1/2	48.3	50.8	152.4	73.2	6	0.75	0.129	0.219	0.231	0.358	0.279	0.467
50	2	60.3	63.5	152.4	91.9	8	0.75	0.204	0.406	0.338	0.667	0.471	0.924
65	2.1/2	73.0	63.5	152.4	104.6	8	0.75	0.313	0.626	0.448	0.893	0.470	1.465
80	3	88.9	63.5	152.4	127.0	10	0.75	0.400	0.781	0.574	1.117	1.01	1.954
90	3.1/2	101.6	76.2	152.4	139.7	10	0.75	0.522	0.896	0.650	1.283	1.38	2.35
100	4	114.3	76.2	152.4	157.2	11	0.75	0.606	1.024	0.870	1.474	1.68	2.822
125	5	141.3	76.2	203.2	185.7	11	1.5	0.985	2.153	1.21	2.635	2.08	4.957
150	6	168.3	88.9	203.0	215.9	13	1.5	1.34	2.591	1.64	3.174	3.37	6.482
200	8	219.1	101.6	203.2	269.7	13	1.5	1.96	3.409	2.56	4.607	5.67	9.819
250	10	273.1	127	254.0	323.9	13	1.5	3.57	6.389	4.39	7.843	9.55	17.023
300	12	323.9	152.4	254.0	381.0	13	1.5	5.85	8.922	6.74	10.275	13.8	21.075
350	14	355.6	152.4	304.8	412.8	13	1.5	6.55	11.571	7.49	13.912	16.88	-
400	16	406.4	152.4	304.8	469.9	13	1.5	7.778	14.216	8.797	16.078	-	-
450	18	457.2	152.4	304.8	533.4	13	1.5	9.009	16.216	10.252	18.453	-	-
500	20	508	152.4	304.8	584.2	13	1.5	11.102	19.984	13.202	23.764	-	-
550	22	559	152.4	304.8	641.4	13	1.5	12.763	22.81	14.779	26.413	-	-
600	24	610	152.4	304.8	692.2	13	1.5	16.132	28.839	18.476	33.028	-	-

公称通径 Nominal pipe size DN	端部外径 Outside Diameter at Bevel D		长度 End to End L	圆角半径 Radius of fillet R	搭线直径 Diameter of lap G
	A系列 Series A	B系列 Series B			
15	21.3	18	38	2	46
20	26.9	25	40	2	56
25	33.7	32	40	3	65
32	42.4	38	42	3	76
40	48.3	45	45	3	84
50	60.3	57	48	3	99
65	76.1	76	48	3	118
80	88.9	89	50	4	132
100	114.3	108	52	4	156
125	139.7	133	55	4	184
150	168.3	159	55	4	211
200	219.1	219	62	5	266
250	273	273	70	5	319
300	323.9	325	78	5	370
350	355.6	377	82	5	429
400	406.4	426	85	5	480
450	457	478	87	5	548
500	508	529	90	6	609
600	610	630	95	6	720

翻边短接Stub End

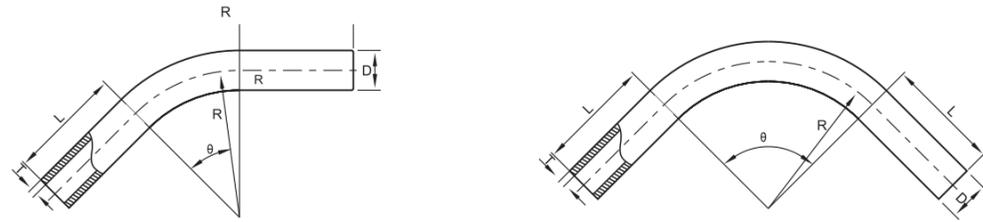
本表尺寸适用 (SE) 对焊环松套刚直法兰 (HG20599-97)PN1.6Mpa. 客户要求不同压力及型号,请在合同上注明。

Size of this table is applicable(SE) to the weld ring elastic sleeve rigid visual flange (HG20599-97) PN1.6 Mpa. Customers require different types of pressure, please indicate in the contract.

We can provide:
Stainless steel (304, 304L, 304H, 316, 316L, 316TI, 316H, 321, 321H, 347/H, 310S, 317L, 904L, S31254/SM0254)
Duplex St@GI (S31803/S32205/2205, S32750/2507, S32760) Special Alloy (N04400/400, N06625/625, N08825/825, N10276VC276, 800/800H, 600/600H)
Our specialized products:
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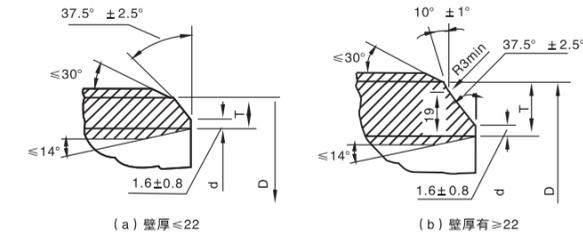
弯管BEND



项目 Item	内容 Description
标准 Standard	按DL/T515《电站弯管》、SY5257《钢制弯管》执行， 或按顾客提出的标准或技术要求执行according to DL/T 515《power station Bend》， SY 5257《steel Bend》，or customer's technical drawings
材料 Material	碳钢、合金钢、不锈钢 carbon steel, alloy steel, stainless steel
弯曲半径R Bend Radius R	R≤6000mm,且 R≥3D (用R等于3D、4D、5D、6D、7D、8D、9D、10D来表示弯曲半径，D为管子外径) R^3D(R=3D,4D,5D,6D,7D,8D,9D,10D) D: outside diameter
弯曲角度θ Bend Angle θ	常用为15°、30°、45°、60°、90°、135°和180°，也可按顾客提出的角度弯制 normally 15°,30°,45°,60°,90°,135°,180° or at customer's option
直段长度L Length of Straight L	弯管两端段长度一般在300mm-1500mm,由顾客确定长度的大小 normally between 300mm and 1500mm in length of straight, It is at customer's option
外径D Outside Diameter D	D ≤ 1220mm
壁厚T Wall Thickness T	T ≤ 120mm
端部坡口 End Bevel	按对焊管件焊端坡口结构型式执行 according to welding bevel of butt welding fitting
重量 Weight	重量/kg= $\frac{0.0433(D - T)TR\theta}{100000} + L(\text{双端直管段重量})$ Weight/kg $\frac{0.0433(D - T)TR\theta}{100000} + L(\text{Weight of Double Sides Straight Length})$

We can provide:
Stainless steel (304, 304L, 304H, 316, 316L, 316TI, 316H, 321, 321H, 347/H, 310S, 317L, 904L, S31254/SM0254)
Duplex St@GI (S31803/S32205/2205, S32750/2507, S32760) Special Alloy (N04400/400, N06625/625, N08825/825, N10276VC276, 800/800H, 600/600H)
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管件坡口形式
Welding Bevel of Fittings
GB/T12459, ASME/ANSI B169

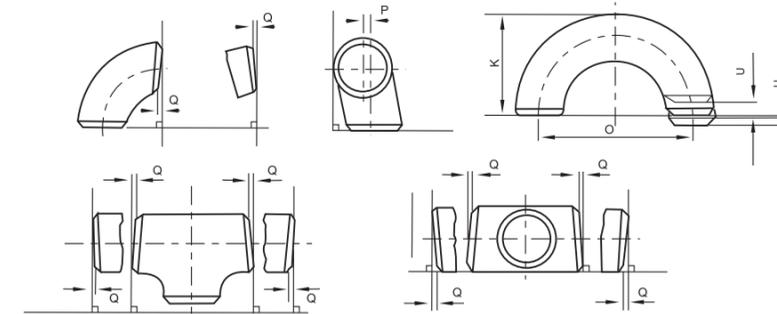


注：极限公差在不同标准中可能会略有差异。
Limiting tolerances can be slightly difference between the different standards and codes.

对焊管件尺寸公差 Tolerances for butt-welding fittings

项目	管件种类	公称通径DN				
		15~65	80-100	125-200	250~450	500
极限偏差						
端部外径 D1、D2、D3	所有管件	+1.6	±1.6	+2.4	+4.0	+6.4
端部内径d1>		-0.8		-1.6	-3.2	-4.8
壁厚T、T1、T2	45°弯头、90°弯头	±0.8				
中心至端面B、A		不小于公称壁厚的87.5%				
中心至中心P	180°弯头	±2			±3	
背面至端面K		±7			±10	
长度L	异径管	±2			±3	
中心至端面C、M	三通、四通	±2			±3	
全长E、E1	管帽	±4			±7	

GB/T12459 对焊管件形位公差表 Angularity tolerance of butt-welding fittings



项目	管件种类	公称通径DN				
		15-100	125~200	250~300	350-400	450~500
公差						
Q	弯头、三通、异径管、四通	1	2	3	4	
P	弯头、三通、四通	2	4	5	7	10
U	180°弯头	1			7	



管件坡口形式
Welding Bevel of Fittings
GB/T12459, ASME/ANSI B169

对焊管件尺寸公差
Tolerances for
butt-welding fittings

GB/T12459 对焊管件
形位公差表
Angularity tolerance of
butt-welding fittings

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GB/T 12459
对焊管件形位公差表
Angularity tolerance of
butt-welding fittings

项目	管件种类	公称通径范围				
		15-65	80-100	125-200	250-450	500
		极限偏差				
端部外径	所有管件	+1.6	±1.6	+2.4	+4.0	+6.4
端部内径		-0.8		-1.6	-3.2	-4.8
壁厚		±0.8	±1.6	±3.2	±4.8	
中心至端部尺寸H、F	45°弯头、90°弯头	±2		±3		
中心至中心尺寸P	180°弯头	±7		±10		
背面至端部尺寸K		±7				
长度L	异径接头	±2		±3		
中心至端面尺寸C、M	三通	±2		±3		
背面至端面尺寸E、E1	管帽	±4		±7		

GB/T 13401
对焊管件形位公差表
Angularity tolerance of
butt-welding fittings

项目	管件种类	公称通径范围				
		15-65	80-100	125-200	250-450	500
		极限偏差				
X	弯头、三通、异径管、四通	1	2	3	4	
Y	弯头、三通、四通	2	4	5	7	10
U	180°弯头	1		2		

注：1)除非用户有特殊要求，应优先保证端外径和公称壁厚的极限偏差

GB/T 13401 对焊管件形位公差表 Angularity tolerance of butt-welding fittings

项目	管件种类	公称通径范围				
		150-200	250-450	500-600	650-750	800-1200
		极限偏差				
端部外径	所有管件	±2.4	+4.0	+6.4		
端部内径1		-1.6	-3.2	-4.8		
壁厚		±1.6	±3.2	±4.8		
中心至端部尺寸H、F	45°弯头、90°弯头	-	±3		±5	
长度L	异径接头	-	±3		±5	
中心至端面尺寸C、M	三通四通	-	±3		±5	
背面至端面尺寸E	管帽	-	±7		±10	
端部最大最小外径差	所有管件	不大于0.01 DN,且不大于S				

We can provide:
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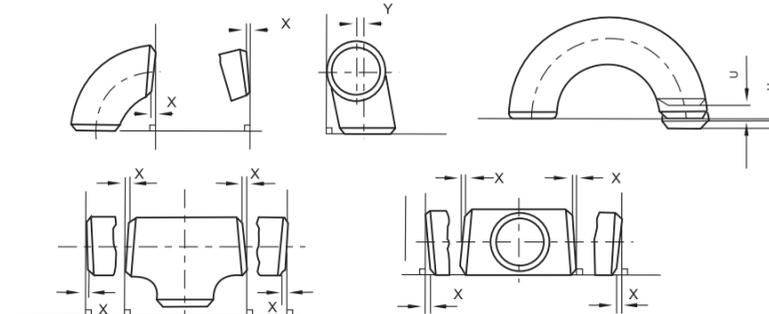
对焊管件形位公差表
Angularity tolerance of
butt-welding fittings
ASME/ANSI
B 16.9、B 16.28

项目	管件种类	公称通径DN(in.)							
		1/2-2 1/2	3-3 1/2	4	5-8	10-18	20-24	26-30	32-48
		极限偏差							
端部外径 D、D1、D2	所有管件	+1.52	±1.52		+2.29	+4.06	+6.35		
端部内径d		-0.76			-1.52	-3.05	-4.83		
壁厚 T、T1、T2		±0.76	±1.52		±3.05		±4.83		
中心至端面 H、F、C、M	45° 90°弯头 三通/四通	±1.52			±2.29		±3.05	+4.83	
中心至中心P	180°弯头	±6.35			±9.65				
背面至端面K		±6.35							
U		±0.76			±1.52				
长度L	异径管、翻边链接	±1.52			±2.29		±4.83		
全长E、E1	管帽	±3.05			±6.35		±9.65		
搭接直径G	翻边短接	0			0				
		-0.76			-1.52				
搭接厚t 圆角半径R		+1.52			0				
		0			0				
		-0.76			-1.52				

公称通径		1/2-4	5-8	10-12	14-16	18-24	26-30	32-42	44-48
弯头、三通、	X	0.76	1.52	2.29	2.29	3.05		4.83	
四通	Y	1.52	3.05	4.83	6.35	9.65	9.65	12.70	19.05

注：1)除非用户有特殊要求，应优先保证端外径和公称壁厚的极限偏差

- 端部内径为端部外径两倍的公称壁厚的差
- 圆度为外径正、负偏差绝对值之和



We can provide:
Stainless steel (304, 304L, 304H, 316, 316L, 316TI, 316H, 321, 321H, 347/H, 310S, 317L, 904L, S31254/SM0254)
Duplex St@GI (S31803/S32205/2205, S32750/2507, S32760) Special Alloy (N04400/400, N06625/625, N08825/825, N10276VC276, 800/800H, 600/600H)
Our specialized products:
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes



外径和壁厚表

Outside diameter and wall thickness GB/T 12459-2017

SCH5s、10s、20s 用于不锈钢管件
SCH5s、10s、20s applies for stainless steel fittings.

We can provide:
Stainless steel (304, 304L, 304H, 316, 316L, 316TI, 316H, 321, 321H, 347/H, 310S, 317L, 904L, S31254/SM0254)
Duplex St©GI (S31803/S32205/2205, S32750/2507, S32760) Special Alloy (N04400/400, N06625/625, N08825/825, N10276VC276, 800/800H, 600/600H)
Our specialized products:
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes

公称 口径 DN	外径 Outside Diameter D		公称壁厚T Nominal Wall Thickness																
	A	B	SCH 5s	SCH 10s	SCH 10	SCH 20	SCH 30	SCH 40s	STD	SCH 40	SCH 60	SCH 80s	XS	SCH 80	SCH 100	SCH 120	SCH 140	SCH 160	XXS
15	21.3	18	1.65	2.11	-	-	-	2.77	2.77	2.77	-	3.73	3.73	3.73	-	-	-	4.78	7.47
20	26.9	25	1.65	2.11	-	-	-	2.87	2.87	2.87	-	3.91	3.91	3.91	-	-	-	5.56	7.82
25	33.7	32	1.65	2.77	-	-	-	3.38	3.38	3.38	-	4.55	4.55	4.55	-	-	-	6.35	9.09
32	42.4	38	1.65	2.77	-	-	-	3.56	3.56	3.56	-	4.85	5.08	4.85	-	-	-	6.35	9.70
40	48.3	45	1.65	2.77	-	-	-	3.68	3.68	3.68	-	5.08	5.54	5.08	-	-	-	7.14	10.15
50	60.3	57	1.65	2.77	-	-	-	3.91	3.91	3.91	-	5.54	8.08	5.54	-	-	-	8.74	11.07
65	73.0	76	2.11	3.05	-	-	-	5.16	5.16	5.16	-	7.01	8.56	7.01	-	-	-	9.53	14.02
80	88.9	89	2.11	3.05	-	-	-	5.49	5.49	5.49	-	7.62	9.53	7.62	-	-	-	11.13	15.24
90	101.6	-	2.11	3.05	-	-	-	5.74	5.74	5.74	-	8.08	10.97	8.08	-	-	-	-	-
100	114.3	108	2.11	3.05	-	-	-	6.02	6.02	6.02	-	8.56	12.70	8.56	-	11.13	-	13.49	17.12
125	141.3	133	2.77	3.40	-	-	-	6.55	6.55	6.55	-	9.53	12.70	9.53	-	12.70	-	15.88	19.05
150	168.3	159	2.77	3.40	-	-	-	7.11	7.11	7.11	-	10.97	12.70	10.97	-	14.27	-	18.26	21.95
200	219.1	219	2.77	3.76	-	6.35	7.04	8.18	8.18	8.18	10.31	12.70	12.70	12.70	15.09	18.26	20.62	23.01	22.23
250	273.0	273	3.40	4.57	-	6.35	7.80	9.27	9.27	9.27	12.70	12.70	12.70	15.09	18.26	21.44	25.40	28.58	25.40
300	323.9	325	3.96	4.78	-	6.35	8.38	9.53	9.53	10.31	14.27	12.70	12.70	17.48	21.44	25.40	28.58	33.32	25.40
350	355.6	377	3.96	4.78	6.35	7.92	9.53	-	9.53	11.13	15.09	-	12.70	19.05	23.83	27.79	31.75	35.71	-
400	406.4	426	4.19	4.78	6.35	7.92	9.53	-	9.53	12.70	16.66	-	12.70	21.44	26.19	30.96	36.53	40.49	-
450	457	480	4.19	5.54	6.35	7.92	11.13	-	9.53	14.27	19.05	-	12.70	23.83	29.36	34.93	39.67	45.24	-
500	508	530	4.78	5.54	6.35	9.53	12.70	-	9.53	15.09	20.62	-	12.70	26.19	32.54	38.10	44.45	50.01	-
550	559	-	4.78	6.35	6.35	9.53	12.70	-	9.53	-	22.23	-	12.70	28.58	34.93	41.28	47.63	53.98	-
600	610	630	5.54	6.35	6.35	9.53	14.27	-	9.53	17.48	24.61	-	12.70	30.96	38.89	46.02	52.37	59.54	-
650	660	-	6.35	7.92	12.70	-	-	9.53	-	-	-	-	12.70	-	-	-	-	-	-
700	711	720	-	7.92	12.70	15.88	-	9.53	-	-	-	-	12.70	-	-	-	-	-	-
750	762	-	6.35	7.92	7.92	12.70	15.88	-	9.53	17.48	-	-	12.70	-	-	-	-	-	-
800	813	820	-	7.92	12.70	15.88	-	9.53	17.48	-	-	-	12.70	-	-	-	-	-	-
850	964	-	-	7.92	12.70	15.88	-	9.53	19.05	-	-	-	12.70	-	-	-	-	-	-
900	914	-	-	7.92	12.70	15.88	-	9.53	-	-	-	-	12.70	-	-	-	-	-	-
950	965	-	-	-	-	-	-	9.53	-	-	-	-	-	-	-	-	-	-	-
1000	1016	-	-	-	-	-	-	9.53	-	-	-	-	-	-	-	-	-	-	-
1050	1067	-	-	-	-	-	-	9.53	-	-	-	-	-	-	-	-	-	-	-
1100	1118	-	-	-	-	-	-	9.53	-	-	-	-	-	-	-	-	-	-	-
1150	1168	-	-	-	-	-	-	9.53	-	-	-	-	-	-	-	-	-	-	-
1200	1219	-	-	-	-	-	-	9.53	-	-	-	-	-	-	-	-	-	-	-



外径和壁厚表 Outside diameter and wall thickness Sh3408、Sh3409

壁厚表后带S者仅适用于奥氏体不锈钢管件。
此表是SH3408标准中无缝管件的公称壁厚；
Sh3408标准中钢板制管件的壁厚直接用毫米给出。

Schedule with the suffix "s" only applies for Austenitic stainless steel fittings.

This list applies for the nominal schedule of seamless steel fittings for SH 3408 standard; the schedule of wrought steel fittings for SH 3408 standard uses the millimeter system.

We can provide:
Stainless steel (304, 304L, 304H, 316, 316L, 316TI, 316H, 321, 321H, 347/H, 310S, 317L, 904L, S31254/SM0254)
Duplex St©GI (S31803/S32205/2205, S32750/2507, S32760) Special Alloy (N04400/400, N06625/625, N08825/825, N10276VC276, 800/800H, 600/600H)
Our specialized products:
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes

公称 口径 DN	公称 口径 NPS	外径 Outside Diameter D	公称壁厚T Nominal Wall Thickness																
			SCH 5s	SCH 10s	SCH 10	SCH 20	SCH 30	SCH 40s	STD	SCH 40	SCH 60	SCH 80s	XS	SCH 80	SCH 100	SCH 120	SCH 140	SCH 160	XXS
6	1/8	10.3	-	1.24	-	-	-	1.73	1.73	1.73	-	2.41	2.41	2.41	-	-	-	-	-
8	1/4	13.7	-	1.65	-	-	-	2.24	2.24	2.24	-	3.02	3.02	3.02	-	-	-	-	-
10	3/8	17.1	-	1.65	-	-	-	2.31	2.31	2.31	-	3.20	3.20	3.20	-	-	-	-	-
15	1/2	21.3	1.65	2.11	-	-	-	2.77	2.77	2.77	-	3.73	3.73	3.73	-	-	-	4.78	7.47
20	3/4	26.7	1.65	2.11	-	-	-	2.87	2.87	2.87	-	3.91	3.91	3.91	-	-	-	5.56	7.82
25	1	33.4	1.65	2.77	-	-	-	3.38	3.38	3.38	-	4.55	4.55	4.55	-	-	-	6.35	9.09
32	1 1/4	42.2	1.65	2.77	-	-	-	3.56	3.56	3.56	-	4.85	4.85	4.85	-	-	-	6.35	9.70
40	1 1/2	48.3	1.65	2.77	-	-	-	3.68	3.68	3.68	-	5.08	5.08	5.8	-	-	-	7.14	10.15
50	2	60.3	1.65	2.77	-	-	-	3.91	3.91	3.91	-	5.54	5.54	5.54	-	-	-	8.74	11.07
65	2 1/2	73.0	2.11	3.05	-	-	-	5.16	5.16	5.16	-	7.01	7.01	7.01	-	-	-	9.53	14.02
80	3	88.9	2.11	3.05	-	-	-	5.49	5.49	5.49	-	7.62	7.62	7.62	-	-	-	11.13	15.24
90	3 1/2	101.6	2.11	3.05	-	-	-	5.74	5.74	5.74	-	8.08	8.08	8.08	-	-	-	-	-
100	4	114.3	2.11	3.05	-	-	-	6.02	6.02	6.02	-	8.56	8.56	8.56	-	11.13	-	13.49	17.12
125	5	141.3	2.77	3.40	-	-	-	6.55	6.55	6.55	-	9.53	9.53	9.53	-	12.70	-	15.88	19.05
150	6	168.3	2.77	3.40	-	-	-	7.11	7.11	7.11	-	10.97	10.97	10.97	-	14.27	-	18.26	21.95
200	8	219.1	2.77	3.76	-	6.35	7.04	8.18	8.18	8.18	10.31	12.70	12.70	12.70	15.09	18.26	20.62	23.01	22.23
250	10	273.1	3.40	4.19	-	6.35	7.80	9.27	9.27	9.27	12.70	12.70	12.70	15.09	18.26	21.44	25.40	28.58	25.40
300	12	323.9	3.96	4.57	-	6.35	8.38	9.53	9.53	10.31	14.27	12.70	12.70	17.48	21.44	25.40	28.58	33.32	25.40
350	14	355.6	3.96	4.78	6.35	7.92	9.53	-	9.53	11.13	15.09	-	12.70	19.05	23.83	27.79	31.75	35.71	-
400	16	406.4	4.19	4.78	6.35	7.92	9.53	-	9.53	12.70	16.66	-	12.70	21.44	26.19	30.96	36.53	40.49	-
450	18	457.2	4.19	4.78	6.35	7.92	11.13	-	9.53	14.27	19.05	-	12.70	23.83	29.36	34.93	39.67	42.24	-
500	20	508	4.78	5.54	6.35	9.53	12.70	-	9.53	15.09	20.62	-	12.70	26.19	32.54	38.10	44.45	50.01	-
550	22	559	4.78	5.54	6.35	9.53	12.70	-	9.53	-	22.23	-	12.70	28.58	34.93	41.28	47.63	53.98	-
600	24	610	5.54	6.35	6.35	9.53	14.27	-	9.53	17.48	24.61	-	12.70	30.96	38.89	46.02	52.37	59.54	-
650	26	660	-	7.92	12.70	-	-	9.53	-	-	-	-	12.70	-	-	-	-	-	-
700	28	711	-	7.92	12.70	15.88	-	9.53	-	-	-	-	12.70	-	-	-	-	-	-
750	30	762	6.35	7.92	7.92	12.70	15.88	-	9.53	17.48	-	-	12.70	-	-	-	-	-	-
800	32	813	-	7.92	12.70	15.88	-	9.53	17.48	-	-	-	12.70	-	-	-	-	-	-
850	34	864	-	7.92	12.70	15.88	-	9.53	17.48	-	-	-	12.70	-	-	-	-	-	-
900	36	914	-	7.92	12.70	15.88	-	9.53	19.05	-	-	-	12.70	-	-	-	-	-	-
950	38	965	-	-	-	-	-	9.53	-	-	-	-	12.70	-	-	-	-	-	-
1000	40	1016	-	-	-	-	-	9.53	-	-	-	-	12.70	-	-	-	-	-	-
1050	42	1067	-	-	-	-	-	9.53	-	-	-	-	12.70	-	-	-	-	-	-
1100	44	1118	-	-	-	-	-	9.53	-	-	-	-	12.70	-	-	-	-	-	-
1150	46	1168	-	-	-	-	-	9.53	-	-	-	-	12.70	-	-	-	-	-	-
1200	48	1219	-	-	-	-	-	9.53	-	-	-	-	12.70	-	-	-	-	-	-



外径和壁厚表

Outside diameter and wall thickness

JISB2311、B2312、B2313

SCH5s, 10s, 20s, 40s, 80s
用于不锈钢管件
SCH5s, 10s, 20s, 40s, 80s
applies for stainless steel fittings.

We can provide:
Stainless steel (304, 304L, 304H, 316, 316L, 316TI, 316H, 321, 321H, 347/H, 310S, 317L, 904L, S31254/SM0254)
Duplex St©GI (S31803/S32205/2205, S32750/2507, S32760) Special Alloy (N04400/400, N06625/625, N08825/825, N10276VC276, 800/800H, 600/600H)
Our specialized products:
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes

公称通径 Nominal Pipe Size		外径 Outside Diameter		公称壁厚T Nominal Wall Thickness																	
DN	NPS	D	SGP	SCH 5s	SCH 10s	SCH 10	SCH 20	SCH 30	SCH 40s	STD	SCH 40	SCH 60	SCH 80s	XS	SCH 80	SCH 100	SCH 120	SCH 140	SCH 160	XXS	
15	1/2	21.7	2.8	1.65	2.1	—	2.5	—	2.8	2.8	—	3.7	3.7	3.7	—	—	—	—	4.8	7.5	
20	3/4	27.2	2.8	1.65	2.1	—	2.5	—	2.9	2.9	—	3.9	3.9	3.9	—	—	—	—	5.6	7.8	
25	1	34.0	3.2	1.65	2.8	—	3.0	—	3.4	3.4	—	4.5	4.5	4.5	—	—	—	—	6.4	9.1	
32	1 1/4	42.7	3.5	1.65	2.8	—	3.0	—	3.6	3.6	—	4.9	4.9	4.9	—	—	—	—	6.4	9.7	
40	1 1/2	48.6	3.5	1.65	2.8	—	3.0	—	3.7	3.7	—	5.1	5.1	5.1	—	—	—	—	7.1	10.2	
50	2	60.5	3.8	1.65	2.8	—	3.5	—	3.9	3.9	—	5.5	5.5	5.5	—	—	—	—	8.7	11.1	
65	2 1/2	76.3	4.2	2.1	3.0	—	3.5	—	5.2	5.2	—	7.0	7.0	7.0	—	—	—	—	9.5	14.0	
80	3	89.1	4.2	2.1	3.0	—	4.0	—	5.2	5.5	—	7.6	7.6	7.6	—	—	—	—	11.1	15.2	
90	3 1/2	101.6	4.2	2.1	3.0	—	4.0	—	5.7	5.7	—	8.1	8.1	8.1	—	—	—	—	-	-	
100	4	114.3	4.5	2.1	3.0	—	4.0	—	6.0	6.0	—	8.6	8.6	8.6	—	11.1	—	—	13.5	17.1	
125	5	139.8	4.5	2.8	3.4	—	5.0	—	6.6	6.6	—	9.5	9.5	9.5	—	12.7	—	—	15.9	19.0	
150	6	165.2	5.0	2.8	3.4	—	5.0	—	7.1	7.1	—	11.0	11.0	11.0	—	14.3	—	—	18.2	21.9	
200	8	216.3	5.8	2.8	4.0	—	6.5	7.0	8.2	8.2	10.3	12.7	12.7	12.7	15.1	18.2	20.6	23.0	22.2		
250	10	267.4	6.6	3.4	4.0	—	6.5	7.8	9.3	9.3	9.3	12.7	12.7	12.7	15.1	18.3	21.4	25.4	28.6	25.4	
300	12	318.5	6.9	4.0	4.5	—	6.5	8.4	9.5	9.5	10.3	14.3	12.7	12.7	17.4	21.4	25.4	28.6	33.3	25.4	
350	14	355.6	7.9	4.0	5.0	6.4	8.0	9.5	9.5	9.5	11.1	15.1	—	12.7	19.0	23.8	27.8	31.8	35.7	—	
400	16	406.4	7.9	4.5	5.0	6.4	8.0	9.5	9.5	9.5	12.7	16.1	—	12.7	21.4	26.2	30.9	36.5	40.5	—	
450	18	457.2	7.9	4.5	5.0	6.4	8.0	11.1	9.5	9.5	14.3	19.0	—	12.7	23.8	29.4	34.9	39.7	45.2	—	
500	20	508.0	7.9	5.0	5.5	6.4	9.5	12.7	9.5	9.5	15.1	20.6	—	12.7	26.2	32.5	38.1	44.4	50.0	—	
550	22	558.8	—	5.0	5.5	6.4	9.5	12.7	9.5	9.5	15.9	22.2	—	12.7	28.6	34.9	41.3	47.6	54.0	—	
600	24	609.6	—	5.5	6.5	6.4	9.5	14.3	9.5	9.5	17.5	24.6	—	12.7	31.0	38.9	46.0	52.4	59.5	—	
650	26	660.4	—	5.5	8.0	7.9	12.7	-	-	9.5	-	—	—	12.7	34.0	—	—	—	—	—	
700	28	711.2	—	5.5	8.0	7.9	12.7	15.9	-	9.5	17.5	—	—	12.7	—	—	—	—	—	—	
750	30	762.0	—	6.5	8.0	7.9	12.7	15.9	9.5	9.5	17.5	—	—	12.7	—	—	—	—	—	—	
800	32	812.8	—	—	8.0	7.9	12.7	15.9	—	9.5	17.5	—	—	12.7	—	—	—	—	—	—	
850	34	863.6	—	—	8.0	7.9	12.7	15.9	—	9.5	17.5	—	—	12.7	—	—	—	—	—	—	
900	36	914.4	—	—	8.0	7.9	12.7	15.9	—	9.5	19.1	—	—	12.7	—	—	—	—	—	—	
950	38	965.2	—	—	-	—	-	—	—	9.5	-	—	—	12.7	—	—	—	—	—	—	
1000	40	1016.0	—	—	9.5	—	14.3	—	—	9.5	26.2	—	—	12.7	—	—	—	—	—	—	
1050	42	1066.8	—	—	—	—	—	—	—	9.5	—	—	—	12.7	—	—	—	—	—	—	
1100	44	1117.6	—	—	—	—	—	—	—	9.5	—	—	—	12.7	—	—	—	—	—	—	
1150	46	1168.4	—	—	—	—	—	—	—	9.5	—	—	—	12.7	—	—	—	—	—	—	
1200	48	1219.2	—	—	—	—	—	—	—	9.5	—	—	—	12.7	—	—	—	—	—	—	



奥氏体不锈钢化学成分对照表

Chemical composition table of stainless steel

We can provide:
Stainless steel (304, 304L, 304H, 316, 316L, 316TI, 316H, 321, 321H, 347/H, 310S, 317L, 904L, S31254/SM0254)
Duplex St©GI (S31803/S32205/2205, S32750/2507, S32760) Special Alloy (N04400/400, N06625/625, N08825/825, N10276VC276, 800/800H, 600/600H)
Our specialized products:
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes

标准	GB 钢号	化学成份(%) Chemical composition (%)								机械性能 Mechanical properties					
		C≤	Mn≤	si≤	s≤	p≤	Cr	Ni	Mo	其它	Ctb (Mpa)	a0.5 (Mpa)	6 (%)	HBW _s	
GTO/T13401	Sf304	0.08	2.00	1.00	0.03	0.045	17.50-20.00	8.00-11.00			515	205	30	201	
	SF304L	0.03	2.00	1.00	0.03	0.045	17.50-20.00	8.00-13.00			480	170	30	201	
	SF321	0.08	2.00	1.00	0.03	0.045	17.00-19.00	9.00-12.00		Ti:5C-0.70	515	205	30	201	
	SF316	0.08	2.00	1.00	0.03	0.045	16.00-18.00	10.00-14.00	2.00-3.00		515	205	30	201	
	SF316L	0.03	2.00	1.00	0.03	0.045	16.00-18.00	10.00-15.00	2.00-3.00		480	170	30	201	
	SF310	0.10	2.00	1.50	0.03	0.045	24.00-26.00	19.00-22.00			515	205	30	201	
	SF347	0.08	2.00	1.00	0.03	0.045	17.00-20.00	9.00-13.00		Nb:10C-1.10	515	205	30	201	
ASTM A403	S30400	0.08	2.00	1.00	0.03	0.045	18.00-20.00	8.00-11.00			515	205	28		
	S30403	0.08	2.00	1.00	0.03	0.045	18.00-20.00	8.00-12.00			485	170	28		
	S32100	0.08	2.00	1.00	0.03	0.045	17.00-19.00	9.00-12.00		Ti:5X(C+N2)-0.70	515	205	28		
	S31600	0.08	2.00	1.00	0.03	0.045	16.00-18.00	10.00-14.00	2.0-3.0		515	205	28		
	S31603	0.08	2.00	1.00	0.03	0.045	16.00-18.00	10.00-14.00	2.0-3.0		485	170	28		
	S31700	0.08	2.00	1.00	0.03	0.045	18.00-20.00	11.00-15.00	3.0-4.0		515	205	28		
	S31703	0.08	2.00	1.00	0.03	0.045	18.00-20.00	11.00-15.00	3.0-4.0		515	205	28		
ESS53-4	S310S	0.08	2.00	1.00	0.03	0.045	24.00-26.00	19.00-22.00			515	205	28		
	S34700	0.08	2.00	1.00	0.03	0.045	17.00-19.00	9.00-12.00		Nb:10C-1.10	515	205	28		
	1.4301	0.07	2.00	1.00	0.015	0.045	17.00-19.50	8.00-10.50			500-700	195	40		
	1.4307	0.03	2.00	1.00	0.015	0.045	17.50-19.50	8.00-10.00			470-670	180	40		
	1.4541	0.08	2.00	1.00	0.015	0.045	17.00-19.00	9.00-12.00		Ti:5XC-0.70	500-730	200	35		
	1.4401	0.07	2.00	1.00	0.015	0.045	16.50-18.50	10.00-13.00	2.00-2.5		510-710	205	40		
	1.4404	0.03	2.00	1.00	0.015	0.045	16.50-18.50	10.00-13.00	2.00-2.5	Ti:5XC-0.70	490-690	190	40		
IS 3459/3468	1.4571	0.08	2.00	1.00	0.015	0.045	16.50-18.50	10.50-13.50	2.00-2.5	Nb:10C-1.00	500-730	210	35		
	1.4550	0.08	2.00	1.00	0.015	0.045	17.00-19.00	9.00-12.00			510-740	205	35		
	SUS304	0.08	2.00	1.00	0.03	0.045	18.00-20.00	8.00-10.50			520	205	35		
	SUS304L	0.03	2.00	1.00	0.03	0.045	18.00-20.00	9.00-13.00			480	175	35		
	SUS321	0.08	2.00	1.00	0.03	0.045	17.00-19.00	9.00-13.00		Ti:5XC以上	520	205	35		
	SUS316	0.08	2.00	1.00	0.03	0.045	16.00-18.00	10.00-14.00	2.00-3.00		520	205	35		
	SUS316L	0.03	2.00	1.00	0.03	0.045	16.00-18.00	12.00-15.00	2.00-3.00		480	175	35		
IS 3459/3468	SUS317	0.08	2.00	1.00	0.03	0.045	18.00-20.00	11.00-15.00	3.00-4.00		520	205	35		
	SUS317L	0.03	2.00	1.00	0.03	0.045	18.00-20.00	11.00-15.00	3.00-4.00		480	175	35		
	SUS310S	0.08	2.00	1.00	0.03	0.045	24.00-26.00	19.00-22.00			520	205	35		
	SUS347	0.08	2.00	1.00	0.03	0.045	17.00-19.00	9.00-13.00		Nb:10C以上	520	205	35		



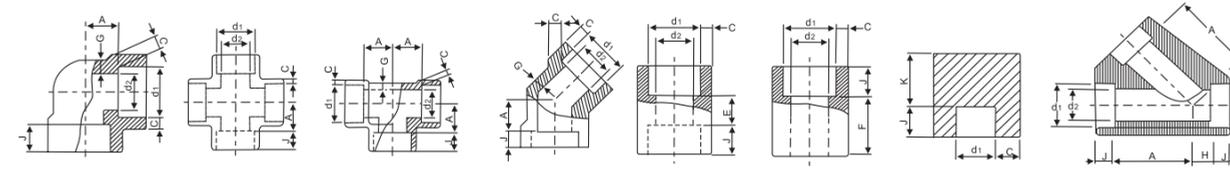
中外不锈钢牌号对照表
Comparison table between domestic and foreign stainless steel grades

序号	类别	中国 GB	美国 AISUASTM	日本JIS	欧洲EN
1	奥氏体不锈钢	06Cr19Ni10	304、S30400	SUS304	X5CrNi18-10 1.4301
2		022Cr19Ni10. S30403	304L' S30403	SUS304L	X2CrNi19-11 1.4307
3		07Cr19Ni11Ti、S32169	321H、S32109	SUS321H	X7CrNi18-10 1.4541
4		06Cr18Ni11Ti、S32168	321、S32100	SUS321	X6CrNi18-10 1.4541
5		06Cr17Ni12Mo2. S31608	316、S31600	SUS316	X5CrNiMo17-12-2 1.4401
6		022Cr17Ni12Mo2、S31603	316L、S31603	SUS316L	X2Cr_o17-12-2 1.4404
7		06Cr17Ni12Mo3Ti、S31668	316Ti、S31635	SUS316Ti	X6CrNiMoTi17-12-2 1.4571
8		06Cr19Ni13Mo3. S31708	317、S31700	SUS317	— —
9		022Cr19Ni13Mo3、S31703	317L' S31703	SUS317L	X2CrNiMo19-14-4 1.4438
10		06Cr25Ni20. S31008	310S' S31008	SUS310S	X12CrNi23-12 1.4845
11	06Cr18Ni11N6、S34778	347、S34700	SUS347	X6CrNiNb18-10 1.4550	
12	双相不锈钢	022Cr22Ni5Mo3N, S22253	S31803	SUS329J3L	X2CrMoN22-5-3 1.4462
13		022Cr19Ni5Mo3Si2N, S21953	S31500	—	— —
14		03Cr25Ni6Mo3Cu2N% S25554	S32550、255	SUS329J4L	X2CrMoCuN25-6-3 1.4507
15		022Cr25Ni6Mo2N> S22553	S31200	—	X3CrMoN27-5-2 1.4460
16		022Cr25Ni7Mo4N' S25073	S32750' 2507	—	X2Cr_oN25-7-4 1.4410
17		022Cr23Ni5Mo3N	S32205、2205	—	— —

We can provide:
Stainless steel (304, 304L, 304H, 316, 316L, 316Ti, 316H, 321, 321H, 347/H, 310S, 317L, 904L, S31254/SM0254)
Duplex St©GI (S31803/S32205/2205, S32750/2507, S32760) Special Alloy (N04400/400, N06625/625, N08825/825, N10276VC276, 800/800H, 600/600H)
Our specialized products:
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes



承插管件
Socket Welding Fittings



公称通径 Nom. Pipe Size	承插孔深度 Depth of Socket Min	中心至承插孔底 Center To Bottom of Socket						结构长度 Laying Length		管帽顶厚 End Wall Thickness Class Designation Min K			中心至承插孔底 Center To Bottom of Socket 45° 斜三通 Lateral				
		90° 弯头、三通、四通 90° Elbows, Tees, and Crosses Class Designation A			45° 弯头 45° Elbows Class Designation A			双承口 管箍 Couplings	单承口 管箍 Half Couplings				A		H		
		3000	6000	9000	3000	6000	9000	E	F	3000	6000	9000	3000 sch80	6000 sch160	3000 sch80	6000 sch160	
6	1/8	10	12 10	12 10		9 7	9 7		8 5	17 15	5.0	6.5	-	-	-	-	
8	1/4	10	12 10	17 13		9 7	9 7		8 5	17 15	5.0	6.5	-	32	-	8	-
10	3/8	10	15 12	17 14		9 6	13 10		9 6	19 16	5.0	6.5	-	37	-	8	-
15	1/2	10	17 14	21 18	27 24	13 10	14 11	17 14	13 6	24 21	6.5	8.0	11.0	41	51	11	13
20	3/4	13	21 18	24 21	30 27	14 11	16 13	21 17	13 6	25 22	6.5	8.0	12.5	51	60	13	14
20	1	13	24 20	29 25	34 30	16 12	19 15	23 19	17 9	31 27	9.5	11.0	14.0	60	71	14	18
32	1 1/4	13	29 25	34 30	37 33	19 15	23 19	24 20	17 9	32 28	9.5	11.0	14.0	71	81	18	21
40	1 1/2	13	34 30	40 36	40 36	23 19	27 23	28 23	17 9	34 30	11.0	12.5	16.0	81	98	21	25
50	2	16	40 36	43 39	56 52	27 23	31 27	31 26	23 15	43 39	12.5	16.0	19.0	98	120	25	29
65	2 1/2	16	44 39			31 27			24 14	45 40	16.0	19.0		-	-	-	-
80	3	16	60 55			34 29			24 14	47 42	19.0	22.0		-	-	-	-
100	4	19	69 64			44 39			24 14	50 45	22.0	28.5		-	-	-	-

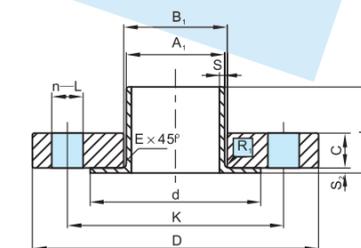
We can provide:
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Duplex St©GI (S31803/S32205/2205, S32750/2507, S32760) Special Alloy (N04400/400, N06625/625, N08825/825, N10276VC276, 800/800H, 600/600H)
Our specialized products:
stainless steel pipe fittings, stainless steel flanges and stainless steel tubes



HG20599-2009(10Bar) 对焊环松套钢制管法兰 Slip-on butt welding flange

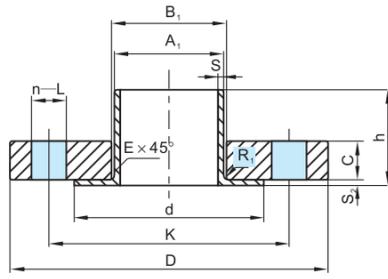
公称 口径 Nominal size	钢管外径 (对焊环颈部外径) Steel pipe outer diameter(Butt welding link pate outer diameter) A1		连接尺寸 Connection size					法兰 厚度 Flange thick ness C	法兰内径 Flange inside diameter B1		对焊环Butt welding link					
	A	B	法兰 外径 outer diameter D	螺栓孔 中心圆 直径 bolt hole heart round diameter K	螺栓孔 直径 Bolt hole diameter L	螺栓孔 数量 Bolt hole quantity n	螺纹 Thread Th		A	B	圆角 Fillet R1	倒角 Bevel edge E	高度 Altitude h	外径 Outer diameter d	S	S2
10	17.2	14	90	60	14	4	M12	14	21	18	2	2	35	41	1.8	1.8
15	21.3	18	95	65	14	4	M12	14	25	22	2	2	38	46	2.0	2.0
20	26.9	25	105	75	14	4	M12	16	31	29	2	2	40	56	2.3	2.3
25	33.7	32	115	85	14	4	M12	16	38	36	3	3	40	65	2.6	2.6
32	42.4	38	140	100	18	4	M16	18	47	42	3	3	42	76	2.6	2.6
40	48.3	45	150	110	18	4	M16	18	53	50	3	3	45	84	2.6	2.6
50	60.3	57	165	125	18	4	M16	20	65	62	3	3	48	99	2.9	2.9
65	76.1	76	185	145	18	4	M16	20	81	81	3	3	48	118	2.9	2.9
80	88.9	89	200	160	18	8	M16	20	94	94	4	4	50	132	3.2	3.2
100	114.3	108	220	180	18	8	M16	22	120	114	4	4	52	156	3.6	3.6
125	139.7	133	250	210	18	8	M16	22	145	139	4	4	55	184	4.0	4.0
150	168.3	159	285	240	22	8	M20	24	174	165	4	4	55	211	4.5	4.5
200	219.1	219	340	295	22	8	M20	24	226	226	5	5	62	266	5.9	5.9
250	273	273	395	350	22	12	M20	26	281	281	5	5	68	319	6.3	6.3
300	323.9	325	445	400	22	12	M20	28	333	334	5	5	68	370	7.1	7.1
350	355.6	377	505	460	22	16	M20	30	365	386	5	5	68	429	7.1	7.1
400	406.4	426	565	515	26	16	M24	32	416	435	5	5	72	480	7.1	7.1
450	457	480	615	565	26	20	M24	35	467	490	5	5	72	530	7.1	7.1
500	508	530	670	620	26	20	M24	38	519	541	6	6	75	582	7.1	7.1
600	610	630	780	725	30	20	M27	42	622	642	6	6	80	682	7.1	7.1

Slip-on butt welding flange
HG20599-2009(10Bar)
对焊环松套钢制管法兰





Slip-on butt welding flange
HG20599-2009(16Bar)
对焊环松套钢制管法兰



HG20599-97(16bar)对焊环松套钢制管法兰 Slip-on butt welding flange

公称 口径 Nominal size	钢管外径 Steel pipe outer diameter(Butt welding link pate outer diameter) A1		连接尺寸 Connection size					法兰 厚度 Flange thick- ness C	法兰内径 Flange inside diameter B1		对焊环Butt welding link					
	A	B	法兰 外径 Flange outer diameter D	螺栓孔 中心圆 直径 Bolt hole heart round diameter K	螺栓孔 直径 Bolt hole diameter L	螺栓孔 数量 Bolt hole quantity n	螺纹 Thread Th		A	B	圆角 Fillet R1	倒角 Bevel edge E	高度 Altitude h	外径 Outer diameter d	S	S2
10	17.2	14	90	60	14	4	M12	14	21	18	2	2	35	41	1.8	1.8
15	21.3	18	95	65	14	4	M12	14	25	22	2	2	38	46	2.0	2.0
20	26.9	25	105	75	14	4	M12	16	31	29	2	2	40	56	2.3	2.3
25	33.7	32	115	85	14	4	M12	16	38	36	3	3	40	65	2.6	2.6
32	42.4	38	140	100	18	4	M16	18	47	42	3	3	42	76	2.6	2.6
40	48.3	45	150	110	18	4	M16	18	53	50	3	3	45	84	2.6	2.6
50	60.3	57	165	125	18	4	M16	20	65	62	3	3	48	99	2.9	2.9
65	76.1	76	185	145	18	4	M16	20	81	81	3	3	48	118	2.9	2.9
80	88.9	89	200	160	18	8	M16	20	94	94	4	4	50	132	3.2	3.2
100	114.3	108	220	180	18	8	M16	22	120	114	4	4	52	156	3.6	3.6
125	139.7	133	250	210	18	8	M16	22	145	139	4	4	55	184	4.0	4.0
150	168.3	159	285	240	22	8	M20	24	174	165	4	4	55	211	4.5	4.5
200	219.1	219	340	295	22	12	M20	26	226	226	5	5	62	266	5.9	5.9
250	273	273	405	355	26	12	M24	28	281	281	5	5	70	319	6.3	6.3
300	323.9	325	460	410	26	12	M24	32	333	334	5	5	78	370	7.1	7.1
350	355.6	377	520	470	26	16	M24	35	365	386	5	5	82	429	8.0	8.0
400	406.4	426	580	525	30	16	M27	38	416	435	5	5	85	480	8.0	8.0
450	457	480	640	585	30	20	M27	42	467	490	5	5	87	548	8.0	8.0
500	508	530	715	650	33	20	M30x2	46	519	541	6	6	90	609	8.0	8.0
600	610	630	840	770	36	20	M33x2	52	622	642	6	6	95	720	8.8	8.8



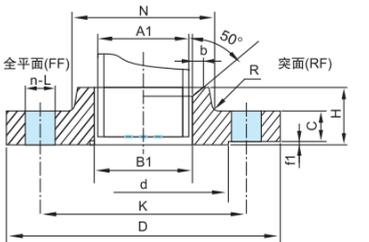
PN10带颈平焊钢制管法兰 Hubbed slip-on welding flange

公称 口径 DN	钢管外径 A1		连接尺寸					法兰 厚度 C	法兰内径 B1		法兰颈 N		R	法兰 高度 H	坡口 宽度 b
	A	B	法兰 外径 D	螺栓孔中 心圆直径 K	螺栓孔 直径 L	螺栓孔 数量 n(个)	螺栓 Th		A	B	A	B			
10	17.2	14	90	60	14	4	M12	16	18	15	30	30	4	22	-
15	21.3	18	95	65	14	4	M12	16	22.5	19	35	35	4	22	-
20	26.9	25	105	75	14	4	M12	18	27.5	26	45	45	4	26	-
25	33.7	32	115	85	14	4	M12	18	34.5	33	52	52	4	28	-
32	42.4	38	140	100	18	4	M16	18	43.5	39	60	60	6	30	-
40	48.3	45	150	110	18	4	M16	18	49.5	46	70	70	6	32	-
50	60.3	57	165	125	18	4	M16	18	61.5	59	84	80	6	28	-
65	76.1	76	185	145	18	8	M16	18	77.5	78	104	104	6	32	-
80	88.9	89	200	160	18	8	M16	20	90.5	91	118	118	6	34	-
100	114.3	108	220	180	18	8	M16	20	116	110	140	140	8	40	-
125	139.7	133	250	210	18	8	M16	22	143.5	135	168	168	8	44	-
150	168.3	159	285	240	22	8	M20	22	170.5	161	195	195	10	44	-
200	219.1	219	340	295	22	12	M20	24	221.5	222	246	246	10	44	-
250	273	273	405	355	26	12	M20	26	276.5	276	298	298	12	46	-
300	323.9	325	445	400	22	12	M20	26	328	328	350	350	12	46	-
350	355.6	377	505	460	22	16	M20	26	360	381	400	412	12	53	-
400	406.4	426	565	515	26	16	M24	26	411	430	456	475	12	57	-
450	457	480	615	565	26	20	M24	28	462	485	502	525	12	63	12
500	508	530	670	620	26	20	M24	28	513.5	535	559	581	12	67	12
600	610	630	780	725	30	20	M27	28	616.5	636	658	678	12	75	12

PN16带颈平焊钢制管法兰

10	17.2	14	90	60	14	4	M12	16	18	15	30	30	4	22	4
15	21.3	18	95	65	14	4	M12	16	22.5	19	35	35	4	22	4
20	26.9	25	105	75	14	4	M12	18	27.5	26	45	45	4	26	47
25	33.7	32	115	85	14	4	M12	18	34.5	33	52	52	4	28	5
32	42.4	38	140	100	18	4	M16	18	43.5	39	60	60	6	30	5
40	48.3	45	150	110	18	4	M16	18	49.5	46	70	70	6	32	5
50	60.3	57	165	125	18	4	M16	18	61.5	59	84	84	6	28	5
65	76.1	76	185	145	18	8	M16	18	77.5	78	104	104	6	32	6
80	88.9	89	200	160	18	8	M16	20	90.5	91	118	118	6	34	6
100	114.3	108	220	180	18	8	M16	20	116	110	140	140	8	40	6
125	139.7	133	250	210	18	8	M16	22	143.5	135	168	168	8	44	6
150	168.3	159	285	240	22	8	M20	22	170.5	161	195	195	10	44	6
200	219.1	219	340	295	22	12	M20	24	221.5	222	246	246	10	44	8
250	273	273	405	355	26	12	M24	26	276.5	276	298	298	12	46	10
300	323.9	325	460	410	26	12	M24	28	328	328	350	350	12	46	11
350	355.6	377	520	470	26	16	M24	30	360	381	400	412	12	57	12
400	406.4	426	580	525	30	16	M27	32	411	430	456	475	12	63	12
450	457	480	640	585	30	20	M27	40	462	485	502	525	12	68	12
500	508	530	715	650	33	20	M30	44	513.5	535	559	581	12	73	12
600	610	630	840	770	36	20	M33	54	616.5	636	658	678	12	83	12

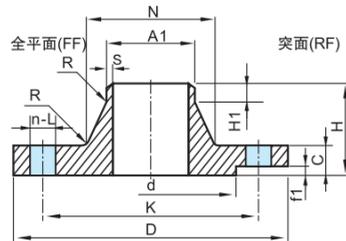
Hubbed slip-on welding
flange
HG/T20594-2009(SO)
带颈平焊钢制管法兰





带颈对焊钢制管法兰

Hubbed butt welding flange
HG/T 20595-2009(WN)



PN6带颈对焊钢制管法兰

(mm)

公称尺寸 DN	钢管外径 A1		连接尺寸					法兰厚度 C	法兰颈				法兰高度 H	
			法兰外径 D	螺栓孔中心圆直径 K	螺栓孔直径 L	螺栓孔数量 n(个)	螺栓 Th		N		S ≥	H1 ≈		R
	A	B												
10	17.2	14	90	60	14	4	M12	16	28	28	1.8	6	4	35
15	21.3	18	95	65	14	4	M12	16	32	32	2.0	6	4	38
20	26.9	25	105	75	14	4	M12	18	40	40	2.3	6	4	40
25	33.7	32	115	85	14	4	M12	18	46	46	2.6	6	4	40
32	42.4	38	140	100	18	4	M16	18	56	56	2.6	6	6	42
40	48.3	45	150	110	18	4	M16	18	64	64	2.6	7	6	45
50	60.3	57	165	125	18	4	M16	18	74	74	2.9	8	6	45
65	76.1	76	185	145	18	8	M16	18	92	92	2.9	10	6	45
80	88.9	89	200	160	18	8	M16	20	105	105	3.2	10	6	50
100	114.3	108	220	180	18	8	M16	20	131	131	3.6	12	8	52
125	139.7	133	250	210	18	8	M16	22	156	156	4	12	8	55
150	168.3	159	285	240	22	8	M20	22	184	184	4.5	12	10	55
200	219.1	219	340	295	22	8	M20	24	234	234	6.3	16	10	62
250	273	273	395	350	22	12	M20	26	292	292	6.3	16	12	68
300	323.9	325	445	400	22	12	M20	26	342	342	7.1	16	12	68
350	355.6	377	505	460	22	16	M20	26	385	402	7.1	16	12	68
400	406.4	426	565	515	26	16	M24	26	440	458	7.1	16	12	72
450	457	480	615	565	26	20	M24	28	488	510	7.1	16	12	72
500	508	530	670	620	26	20	M24	28	542	562	7.1	16	12	75
600	610	630	780	725	30	20	M27	28	642	660	7.1	18	12	80
700	711	720	895	840	30	24	M27	30	746	755	8	18	12	80
800	813	820	1015	950	33	24	M30	32	850	855	8	18	12	90
900	914	920	1115	1050	33	28	M30	34	950	954	10	20	12	95
1000	1016	1020	1230	1160	36	28	M33	34	1052	1054	10	20	16	95
1200	1219	1220	1455	1380	39	32	M36 × 3	38	1256	1256	11	25	16	115
1400	1422	1420	1675	1590	42	36	M39 × 3	42	1460	1460	12	25	16	120
1600	1626	1620	1915	1820	48	40	M45 × 3	46	1666	1666	14	25	16	130
1800	1829	1820	2115	2020	48	44	M45 × 3	50	1868	1866	15	30	16	140
2000	2032	2020	2325	2230	48	48	M45 × 3	54	2072	2070	16	30	16	150

PN10带颈对焊钢制管法兰

公称尺寸 DN	钢管外径 A1		连接尺寸					法兰厚度 C	法兰颈				法兰高度 H	
			法兰外径 D	螺栓孔中心圆直径 K	螺栓孔直径 L	螺栓孔数量 n(个)	螺栓 Th		N		S ≥	H1 ≈		R
	A	B												
10	17.2	14	90	60	14	4	M12	16	28	28	1.8	6	4	35
15	21.3	18	95	65	14	4	M12	16	32	32	2.0	6	4	38
20	26.9	25	105	75	14	4	M12	18	40	40	2.3	6	4	40
25	33.7	32	115	85	14	4	M12	18	46	46	2.6	6	4	40
32	42.4	38	140	100	18	4	M16	18	56	56	2.6	6	6	42
40	48.3	45	150	110	18	4	M16	18	64	64	2.6	7	6	45
50	60.3	57	165	125	18	4	M16	18	74	74	2.9	8	6	45
65	76.1	76	185	145	18	8	M16	18	92	92	2.9	10	6	45
80	88.9	89	200	160	18	8	M16	20	105	105	3.2	10	6	50
100	114.3	108	220	180	18	8	M16	20	131	131	3.6	12	8	52
125	139.7	133	250	210	18	8	M16	22	156	156	4.0	12	8	55
150	168.3	159	285	240	22	8	M20	22	184	184	4.5	12	10	55
200	219.1	219	340	295	22	12	M20	24	235	234	6.3	16	10	62
250	273	273	405	355	26	12	M24	26	292	292	6.3	16	12	70
300	323.9	325	460	410	26	12	M24	28	344	344	7.1	16	12	78
350	355.6	377	520	470	26	16	M24	30	390	410	8.0	16	12	82
400	406.4	426	580	525	30	16	M27	32	445	464	8.0	16	12	85
450	457	480	640	585	30	20	M27	40	490	512	8.0	16	12	87
500	508	530	715	650	33	20	M30	44	548	578	8.0	16	12	90
600	610	630	840	770	36	20	M33	54	652	670	8.8	18	12	95
700	711	720	910	840	36	24	M33	36	755	759	8.8	18	12	100
800	813	820	1025	950	39	24	M36 × 3	38	855	855	10.0	20	12	105
900	914	920	1125	1050	39	28	M36 × 3	40	955	954	10.0	20	12	110
1000	1016	1020	1255	1170	42	28	M39 × 3	42	1058	1060	10.0	22	16	120
1200	1219	1220	1485	1390	48	32	M45 × 3	48	1262	1260	12.5	30	16	130
1400	1422	1420	1685	1590	48	36	M45 × 3	52	1465	1465	14.2	30	16	145
1600	1626	1620	1930	1820	56	40	M52 × 3	58	1668	1668	16	35	16	160
1800	1829	1820	2130	2020	56	44	M52 × 3	62	1870	1870	17.5	35	16	170
2000	2032	2020	2345	2230	62	48	M56 × 3	66	2070	2072	20	40	16	180

PN25带颈对焊钢制管法兰

公称尺寸 DN	钢管外径 A1		连接尺寸					法兰厚度 C	法兰颈				法兰高度 H	
			法兰外径 D	螺栓孔中心圆直径 K	螺栓孔直径 L	螺栓孔数量 n(个)	螺栓 Th		N		S ≥	H1 ≈		R
	A	B												
10	17.2	14	90	60	14	4	M12	16	28	28	1.8	6	4	35
15	21.3	18	95	65	14	4	M12	16	32	32	2.0	6	4	38
20	26.9	25	105	75	14	4	M12	18	40	40	2.3	6	4	40
25	33.7	32	115	85	14	4	M12	18	46	46	2.6	6	4	40
32	42.4	38	140	100	18	4	M16	18	56	56	2.6	6	6	42
40	48.3	45	150	110	18	4	M16	18	64	64	2.6	7	6	45
50	60.3	57	165	125	18	4	M16	20	75	75	2.9	8	6	48
65	76.1	76	185	145	18	8	M16	22	90	90	2.9	10	6	52
80	88.9	89	200	160	18	8	M16	24	105	105	3.2	12	8	58
100	114.3	108	235	190	22	8	M20	24	134	134	3.6	12	8	65
125	139.7	133	270	220	26	8	M24	26	162	162	4	12	8	68
150	168.3	159	300	250	26	8	M24	28	192	190	4.5	12	10	75
200	219.1	219	360	310	26	12	M24	30	244	244	6.3	16	10	80
250	273	273	425	370	30	12	M27	32	298	298	7.1	18	12	88
300	323.9	325	485	430	30	16	M27	34	352	352	8.0	18	12	92
350	355.6	377	555	490	33	16	M30	38	398	420	8.0	20	12	100
400	406.4	426	620	550	36	16	M33	40	452	472	8.8	20	12	110
450	457	480	670	600	36	20	M33	46	500	522	8.8	20	12	110
500	508	530	730	660	36	20	M33	48	558	580	10	20	12	125
600	610	630	845	770	39	20	M36 × 3	58	660	680	11	20	12	125

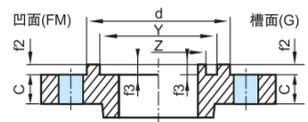
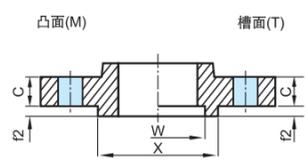
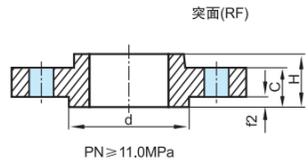
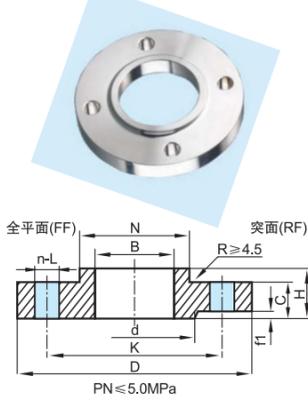
PN40带颈对焊钢制管法兰

(mm)

公称尺寸 DN	钢管外径 A1		连接尺寸					法兰厚度 C	法兰颈				法兰高度 H	
			法兰外径 D	螺栓孔中心圆直径 K	螺栓孔直径 L	螺栓孔数量 n(个)	螺栓 Th		N		S ≥	H1 ≈		R
	A	B												
10	17.2	14	90	60	14	4	M12	16	28	28	1.8	6	4	35
15	21.3	18	95	65	14	4	M12	16	32	32	2.0	6	4	38
20	26.9	25	105	75	14	4	M12	18	40	40	2.3	6	4	40
25	33.7	32	115	85	14	4	M12	18	46	46	2.6	6	4	40
32	42.4	38	140	100	18	4	M16	18	56	56	2.6	6	6	42
40	48.3	45	150	110	18	4	M16	18	64	64	2.6	7	6	45
50	60.3	57	165	125	18	4	M16	20	75	75	2.9	8	6	48
65	76.1	76	185	145	18	8	M16	22	90	90	2.9	10	6	52
80	88.9	89	200	160	18	8	M16	24	105	105	3.2	12	8	58
100	114.3	108	235	190	22	8	M20	24	134	134	3.6	12	8	65
125	139.7	133	270	220	26	8	M24	26	162	162	4	12	8	68
150	168.3	159	300	250	26	8	M24	28	192	192	4.5	12	10	75
200	219.1	219	375	320	30	12	M27	34	244	2				



美标带颈平焊钢制管法兰
SO (ASME B16.5, HG 20616-2009)



PN2.0MPa(Class 150) ANSI B16.5, Slip On Forged Flange

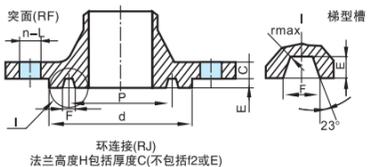
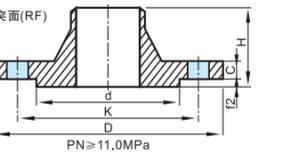
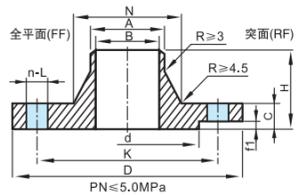
公称 口径 Nominal Diaeter	钢管 外径 Pipe Outside Diameter	连接尺寸 Link Size					密封面 尺寸 Seal Surface Size	法兰 厚度 Flange Thickness	法兰 内径 Flange Inside Diameter	法兰 颈 Flange Neck	法兰 高度 Flange Height	理论 重量 Approx Weight		
		法兰外径 D	螺栓孔中 心圆直径 K	螺栓孔 直径 L	螺栓孔 数量 n	螺栓 Th								
NPS(in)	DN	A	D	K	L	n	Th	突面d	台高f1	C	D	N	H	(kg)
1/2	15	21.3	90	60.5	16	4	M14	35	1.6	11.5	22	30	16	0.41
3/4	20	26.9	100	70	16	4	M14	43	1.6	13	27.5	38	16	0.58
1	25	33.7	110	79.5	16	4	M14	51	1.6	14.5	34.5	49	17	0.80
1 1/4	32	42.4	120	89	16	4	M14	63.5	1.6	16	43.5	59	21	1.07
1 1/2	40	48.3	130	98.5	16	4	M14	73	1.6	17.5	49.5	65	22	1.37
2	50	60.3	150	120.5	18	4	M16	92	1.6	19.5	61.5	78	25	2.01
2 1/2	65	76.1	180	139.5	18	4	M16	105	1.6	22.5	77.5	90	29	3.32
3	80	88.9	190	152.5	18	4	M16	127	1.6	24	90.5	108	30	3.83
4	100	114.3	230	190.5	18	8	M16	157.5	1.6	24	116	135	33	5.40
5	125	139.7	255	216	22	8	M20	186	1.6	24	141.5	164	36	6.26
6	150	168.3	280	241.5	22	8	M20	216	1.6	25.5	170.5	192	40	7.50
8	200	219.1	345	298.5	22	8	M20	270	1.6	29	221.5	246	44	12.3
10	250	273	405	362	26	12	M24	324	1.6	30.5	276.5	305	49	16.2
12	300	323.9	485	432	26	12	M24	381	1.6	32	327.5	365	56	26.5
14	350	355.6	535	476	29.5	12	M27	413	1.6	35	359.5	400	57	34.5
16	400	406.4	600	540	29.5	16	M27	470	1.6	37	411	457	64	45.5
18	450	457	635	578	32.5	16	M30	533.5	1.6	40	462	505	68	48.5
20	500	508	700	635	32.5	20	M30	584	1.6	43	513.5	559	73	61.8
24	600	610	815	749.5	35.5	20	M33	692	1.6	48	616.5	664	83	87.7

PN5.0MPa(Class 300) ANSI B16.5, slip On Forged Flange

公称 口径 Nominal Diaeter	钢管 外径 Pipe Outside Diameter	连接尺寸 Link Size					密封面 尺寸 Seal Surface Size	法兰 厚度 Flange Thickness	法兰 内径 Flange Inside Diameter	法兰 颈 Flange Neck	法兰 高度 Flange Height	理论 重量 Approx Weight		
		法兰外径 D	螺栓孔中 心圆直径 K	螺栓孔 直径 L	螺栓孔 数量 n	螺栓 Th								
NPS(in)	DN	A	D	K	L	n	Th	突面d	台高f1	C	D	N	H	(kg)
1/2	15	21.3	95	66.5	16	4	M14	35	1.6	14.5	22	38	22	0.63
3/4	20	26.9	120	82.5	18	4	M16	43	1.6	16	27.5	48	25	1.16
1	25	33.7	125	89	18	4	M16	51	1.6	17.5	34.5	54	27	1.37
1 1/4	32	42.4	135	98.5	18	4	M16	63.5	1.6	19.5	43.5	64	27	1.75
1 1/2	40	48.3	155	114.5	22	4	M20	73	1.6	21	49.5	70	30	2.47
2	50	60.3	165	127	18	8	M16	92	1.6	22.5	61.5	84	33	2.90
2 1/2	65	76.1	190	149	22	8	M20	105	1.6	25.5	77.5	100	38	4.17
3	80	88.9	210	168.5	22	8	M20	127	1.6	29	90.5	118	43	5.92
4	100	114.3	255	200	22	8	M20	157.5	1.6	32	116	146	48	9.73
5	125	139.7	280	235	22	8	M20	186	1.6	35	141.5	178	51	12.4
6	150	168.3	320	270	22	12	M20	216	1.6	37	170.5	206	52	16.0
8	200	219.1	380	330	26	12	M24	270	1.6	41.5	221.5	260	62	23.9
10	250	273	445	387.5	29.5	16	M27	324	1.6	48	276.5	321	67	34.0
12	300	323.9	520	451	32.5	16	M30	381	1.6	51	327.5	375	73	49.1
14	350	355.6	585	514.5	32.5	20	M30	413	1.6	54	359.5	426	76	69.1
16	400	406.4	650	571.5	35.5	20	M33	470	1.6	57.5	411	483	83	88.9
18	450	457	710	628.5	35.5	24	M33	533.5	1.6	60.5	462	533	89	107.2
20	500	508	775	686	35.5	24	M33	584	1.6	63.5	513.5	587	95	132.9
24	600	610	915	813	42	24	M39 x 3	692	1.6	70	616.5	702	104	198.7



美标带颈对焊钢制管法兰
ANSI B16.5, Welding Neck Forged Flange
HG/T 20617-2009(WN)



ANSI B16.5, Welding Neck Forged Flange PN2.0MPa(Class 150)

注：带颈对焊法兰的锥颈斜度应不大于45°且应具有斜度不大于7°的直边段，直边段长度不小于7mm。

公称 口径 Nominal Diaeter	钢管 外径 Pipe Outside Diameter	连接尺寸 Link Size					密封面 尺寸 Seal Surface Size	法兰 厚度 Flange Thickness	法兰 内径 Flange Inside Diameter	法兰 颈 Flange Neck	法兰 高度 Flange Height	理论 重量 Approx Weight		
		法兰外径 D	螺栓孔中 心圆直径 K	螺栓孔 直径 L	螺栓孔 数量 n	螺栓 Th								
NPS(in)	DN	A	D	K	L	n	Th	突面d	台高f1	C	D	N	H	(kg)
1/2	15	21.3	90	60.5	16	4	M14	35	1.6	11.5	15.5	30	48	0.91
3/4	20	26.9	100	70	16	4	M14	43	1.6	13	21	38	52	0.91
1	25	33.7	110	79.5	16	4	M14	51	1.6	14.5	27	49	56	1.14
1 1/4	32	42.4	120	89	16	4	M14	63.5	1.6	16	35	59	57	1.14
1 1/2	40	48.3	130	98.5	16	4	M14	73	1.6	17.5	41	65	62	1.81
2	50	60.3	150	120.5	18	4	M16	92	1.6	19.5	52	78	64	2.72
2 1/2	65	76.1	180	139.5	18	4	M16	105	1.6	22.5	66	90	70	4.45
3	80	88.9	190	152.5	18	4	M16	127	1.6	24	77.5	108	70	5.22
4	100	114.3	230	190.5	18	8	M16	157.5	1.6	24	101.5	135	76	7.49
5	125	139.7	255	216	22	8	M20	186	1.6	24	127	164	89	9.53
6	150	168.3	280	241.5	22	8	M20	216	1.6	25.5	154	192	89	11.8
8	200	219.1	345	298.5	22	8	M20	270	1.6	29	203	246	102	19.1
10	250	273	405	362	26	12	M24	324	1.6	30.5	255	305	102	24.5
12	300	323.9	485	432	26	12	M24	381	1.6	32	303.5	365	114	39.9
14	350	355.6	535	476	29.5	12	M27	413	1.6	35	333.5	400	127	51.8
16	400	406.4	600	540	29.5	16	M27	470	1.6	37	381	457	127	64.5
18	450	457	635	578	32.5	16	M30	533.5	1.6	40	428.5	505	140	74.9
20	500	508	700	635	32.5	20	M30	584	1.6	43	476	559	145	89.4
22	550	559	750	692	35.5	20	M33	641	1.6	46	525	610	149	103.5
24	600	610	815	749.5	35.5	20	M33	692	1.6	48	575	664	152	121.7

PN5.0MPa(Class 300) ANSI B16.5, Welding Neck Forged Flange

公称 口径 Nominal Diaeter	钢管 外径 Pipe Outside Diameter	连接尺寸 Link Size					密封面 尺寸 Seal Surface Size	法兰 厚度 Flange Thickness	法兰 内径 Flange Inside Diameter	法兰 颈 Flange Neck	法兰 高度 Flange Height	理论 重量 Approx Weight		
		法兰外径 D	螺栓孔中 心圆直径 K	螺栓孔 直径 L	螺栓孔 数量 n	螺栓 Th								
NPS(in)	DN	A	D	K	L	n	Th	突面d	台高f1	C	D	N	H	(kg)
1/2	15	21.3	95	66.5	16	4	M14	35	1.6	14.5	15.5	38	52	0.91
3/4	20	26.9	120	82.5	18	4	M16	43	1.6	16	21	48	57	1.36
1	25	33.7	125	89	18	4	M16	51	1.6	17.5	27	54	62	1.82
1 1/4	32	42.4	135	98.5	18	4	M16	63.5	1.6	19.5	35	64	65	2.27
1 1/2	40	48.3	155	114.5	22	4	M20	73	1.6	21	41	70	68	3.18
2	50	60.3	165	127	18	8	M16	92	1.6	22.5	52	84	70	3.36
2 1/2	65	76.1	190	149	22	8	M20	105	1.6	25.5	66	100	76	5.45
3	80	88.9	210	168.5	22	8	M20	127	1.6	29	77.5	118	79	8.17
4	100	114.3	255	200	22	8	M20	157.5	1.6	32	101.5	146	86	12.1
5	125	139.7	280	235	22	8	M20	186	1.6	35	127	178	98	16.3
6	150	168.3	320	270	22	12	M20	216	1.6	37	154	206	98	20.4
8	200	219.1	380	330	26	12	M24	270	1.6	41.5	203	260	111	31.3
10	250	273	445	387.5	29.5	16	M27	324	1.6	48	255	321	117	45.4
12	300	323.9	520	451	32.5	16	M30	381	1.6	51	303.5	375	130	64.5
14	350	355.6	585	514.5	32.5	20	M30	413	1.6	54	323.5	426	143	93.5
16	400	406.4	650	571.5	35.5	20	M33	470	1.6	57.5	371	483	146	113.1
18	450	457	710	628.5	35.5	24	M33	533.5	1.6	60.5	417	533	159	138.9
20	500	508	775	686	35.5	24	M33	584	1.6	63.5	468	587	162	167.5
22	550	559	840	743	42	24	M39 x 3	641	1.6	66.5	509	640	165	199.4
24	600	610	915											



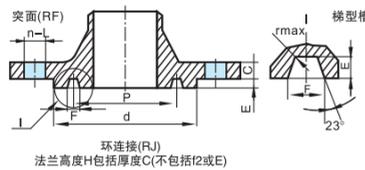
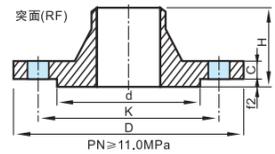
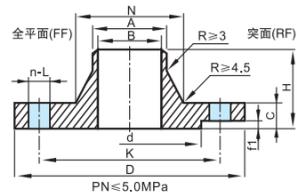
美标带颈对焊钢制管法兰
ANSI B16.5, Welding Neck Forged Flange
HG/T 20617-2009(WN)

PN2.0MPa(Class 600)

公称尺寸		连接尺寸										
DN	NPS	钢管外径 (法兰焊 端外径) A	法兰 外径 D	螺栓孔中 心圆直径 K	螺栓孔 直径 L	螺栓 Th	螺栓孔 数量 n(个)	法兰 厚度 C	法兰颈 大端 N	法兰 内径 B	法兰 高度 H	理论 重量 KG
15	1/2	21.3	95	66.7	16	M14	4	14.3	38	-	52	1.36
20	3/4	26.9	115	82.6	18	M16	4	15.9	48	-	57	1.59
25	1	33.7	125	88.9	18	M16	4	17.5	54	-	62	1.82
32	1 1/4	42.4	135	98.4	18	M16	4	20.7	64	-	67	2.50
40	1 1/2	48.3	155	114.3	22	M20	4	22.3	70	-	70	3.63
50	2	60.3	165	127.0	18	M16	8	25.4	84	-	73	4.54
65	2 1/2	76.1	190	149.2	22	M20	8	28.6	100	-	79	6.36
80	3	88.9	210	168.3	22	M20	8	31.8	117	-	83	10.3
100	4	114.3	275	215.9	26	M24	8	38.1	152	-	102	16.8
125	5	139.7	330	266.7	30	M27	8	44.5	189	-	114	30.9
150	6	168.3	355	292.1	30	M27	12	47.7	222	-	117	33.1
200	8	219.1	420	349.2	33	M30	12	55.6	273	-	133	50.9
250	10	273	510	431.8	36	M33	16	63.5	343	-	152	85.8
300	12	323.9	560	489	36	M33	20	66.7	409	-	156	102.6
350	14	355.6	605	527	39	M36×3	20	69.9	432	-	165	157.5
400	16	406.4	685	603.2	42	M39×3	20	76.2	495	-	178	218.4
450	18	457	745	654	45	M42×3	20	82.6	546	-	184	252.0
500	20	508	815	723.9	45	M42×3	24	88.9	610	-	190	313.2
600	24	610	940	838.2	51	M48×3	24	101.6	718	-	203	443.6

PN5.0MPa(Class 900) ANSI B16.5, Welding Neck Forged Flange

公称尺寸		连接尺寸										
DN	NPS	钢管外径 (法兰焊 端外径) A	法兰 外径 D	螺栓孔中 心圆直径 K	螺栓孔 直径 L	螺栓 Th	螺栓孔 数量 n(个)	法兰 厚度 C	法兰颈 大端 N	法兰 内径 B	法兰 高度 H	理论 重量 KG
15	1/2	21.3	120	82.6	22	M20	4	22.3	38	-	60	3.18
20	3/4	26.9	130	88.9	22	M20	4	25.4	44	-	70	3.18
25	1	33.7	150	101.6	26	M24	4	28.6	52	-	73	3.86
32	1 1/4	42.4	160	111.1	26	M24	4	28.6	64	-	73	4.54
40	1 1/2	48.3	180	123.8	30	M27	4	31.8	70	-	83	6.36
50	2	60.3	215	165.1	26	M24	8	38.1	105	-	102	10.9
65	2 1/2	76.1	245	190.5	30	M27	8	41.3	124	-	105	16.3
80	3	88.9	240	190.5	26	M24	8	38.1	127	-	102	13.2
100	4	114.3	290	235.0	33	M30	8	44.5	159	-	114	23.2
125	5	139.7	350	279.4	36	M33	8	50.8	190	-	127	39.1
150	6	168.3	380	317.5	33	M30	12	55.6	235	-	140	49.9
200	8	219.1	470	393.7	39	M36×3	12	63.5	298	-	162	84.9
250	10	273	545	469.9	39	M36×3	16	69.9	368	-	184	121.7
300	12	323.9	610	533.4	39	M36×3	20	79.4	419	-	200	168.9
350	14	355.6	640	558.8	42	M39×3	20	85.8	451	-	213	255.2
400	16	406.4	705	616	45	M42×3	20	88.9	508	-	216	311.0
450	18	457	785	685.8	51	M48×3	20	101.6	565	-	229	419.5
500	20	508	855	749.3	55	M52×3	20	108	622	-	248	528.5
600	24	610	1040	901.7	68	M64×3	20	139.7	749	-	267	956.6



PN2.0MPa(Class 1500)

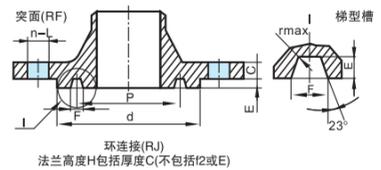
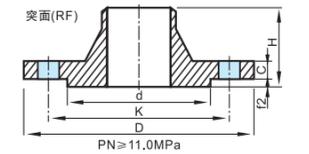
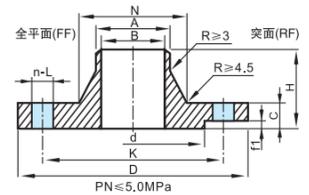
公称尺寸		连接尺寸										
DN	NPS	钢管外径 (法兰焊 端外径) A	法兰 外径 D	螺栓孔中 心圆直径 K	螺栓孔 直径 L	螺栓 Th	螺栓孔 数量 n(个)	法兰 厚度 C	法兰颈 大端 N	法兰 内径 B	法兰 高度 H	理论 重量 KG
15	1/2	21.3	120	82.6	22	M20	4	22.3	38	-	60	3.18
20	3/4	26.9	130	88.9	22	M20	4	25.4	44	-	70	3.18
25	1	33.7	150	101.6	26	M24	4	28.6	52	-	73	3.86
32	1 1/4	42.4	160	111.1	26	M24	4	28.6	64	-	73	4.54
40	1 1/2	48.3	180	123.8	30	M27	4	31.8	70	-	83	6.36
50	2	60.3	215	165.1	26	M24	8	38.1	105	-	102	10.9
65	2 1/2	76.1	245	190.5	30	M27	8	41.3	124	-	105	16.34
80	3	88.9	265	203.2	33	M30	8	47.7	133	-	117	21.8
100	4	114.3	310	241.3	36	M33	8	54	162	-	124	31.3
125	5	139.7	375	292.1	42	M39×3	8	73.1	197	-	156	59.9
150	6	168.3	395	317.5	39	M36×3	12	82.6	229	-	171	74.5
200	8	219.1	485	393.7	45	M42×3	12	92.1	292	-	213	123.9
250	10	273	585	482.6	51	M48×3	12	108	368	-	254	206.1
300	12	323.9	675	571.5	55	M52×3	16	123.9	451	-	283	313.3
350	14	355.6	750	635	60	M56×3	16	133.4	495	-	298	406.5
400	16	406.4	825	704.8	68	M64×3	16	146.1	552	-	311	525
450	18	457	915	774.7	74	M70×3	16	162	597	-	327	687.2
500	20	508	985	831.8	80	M76×3	16	177.8	641	-	356	852.6
600	24	610	1170	990.6	94	M90×3	16	203.2	762	-	406	1366.8

PN5.0MPa(Class 2500) ANSI B16.5, Welding Neck Forged Flange

公称尺寸		连接尺寸										
DN	NPS	钢管外径 (法兰焊 端外径) A	法兰 外径 D	螺栓孔中 心圆直径 K	螺栓孔 直径 L	螺栓 Th	螺栓孔 数量 n(个)	法兰 厚度 C	法兰颈 大端 N	法兰 内径 B	法兰 高度 H	理论 重量 KG
15	1/2	21.3	135	88.9	22	M20	4	30.2	43	-	73	3.63
20	3/4	26.9	140	95.2	22	M20	4	31.8	51	-	79	4.09
25	1	33.7	160	108	26	M24	4	35	57	-	89	5.9
32	1 1/4	42.4	185	130.2	30	M27	4	38.1	73	-	95	9.08
40	1 1/2	48.3	205	146	33	M30	4	44.5	79	-	111	12.7
50	2	60.3	235	171.4	30	M27	8	50.9	95	-	127	19.1
65	2 1/2	76.1	265	196.8	33	M30	8	57.2	114	-	143	23.6
80	3	88.9	305	228.6	36	M33	8	66.7	133	-	168	42.7
100	4	114.3	355	273	42	M39×3	8	76.2	165	-	190	66.3
125	5	139.7	420	323.8	48	M45×3	8	92.1	203	-	229	110.8
150	6	168.3	485	368.3	55	M52×3	8	108	235	-	273	171.6
200	8	219.1	550	438.2	55	M52×3	12	127	305	-	318	261.5
250	10	273	675	539.8	68	M64×3	12	165.1	375	-	419	484.9
300	12	323.9	760	619.1	74	M70×3	12	184.2	441	-	464	730.1

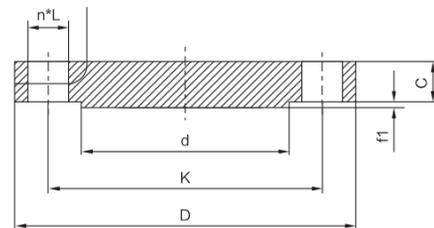


美标带颈对焊钢制管法兰
ANSI B16.5, Welding Neck Forged Flange
HG/T 20617-2009(WN)





钢制管法兰盖
Forged Blind Flange
HG/T 20622-2009(BL)



Class150(PN20)钢制管法兰盖 (mm)

公称尺寸		连接尺寸					法兰厚度 C	重量 G
DN	NPS	法兰外径 D	螺栓孔中心圆直径 K	螺栓孔直径 L	螺栓 Th	螺栓孔数量 n(个)		
15	1/2	90	60.3	16	M14	4	9.6	0.43
20	3/4	100	69.9	16	M14	4	11.2	0.63
25	1	110	79.4	16	M14	4	12.7	0.89
32	1 1/4	115	88.9	16	M14	4	14.3	1.20
40	1 1/2	125	98.4	16	M14	4	15.9	1.58
50	2	150	120.7	18	M16	4	17.5	2.39
65	2 1/2	180	139.7	18	M16	4	20.7	4.07
80	3	190	152.4	18	M16	4	22.3	4.92
100	4	230	190.5	18	M16	8	22.3	7.13
125	5	255	215.9	22	M20	8	22.3	8.72
150	6	280	241.3	22	M20	8	23.9	11.4
200	8	345	298.58	22	M20	8	27	20.1
250	10	405	362	26	M24	12	28.6	28.7
300	12	485	431.8	26	M24	12	30.2	43.3
350	14	535	476.3	30	M27	12	33.4	58.2
400	16	595	539.8	30	M27	16	35	77.4
450	18	635	577.9	33	M30	16	38.1	94.0
500	20	700	635	33	M30	20	41.3	122.7
600	24	815	749.3	36	M33	20	46.1	187.0

Class600(PN110)钢制管法兰盖 (mm)

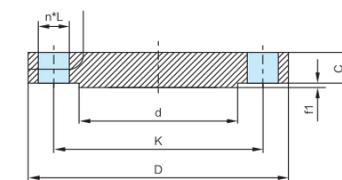
公称尺寸		连接尺寸					法兰厚度 C	重量 G
DN	NPS	法兰外径 D	螺栓孔中心圆直径 K	螺栓孔直径 L	螺栓 Th	螺栓孔数量 n(个)		
15	1/2	95	66.7	16	M14	4	12.7	0.63
20	3/4	115	82.6	18	M14	4	14.3	1.15
25	1	125	88.9	18	M16	4	15.9	1.40
32	1 1/4	135	98.4	18	M16	4	17.5	1.88
40	1 1/2	155	114.3	22	M20	4	19.1	2.65
50	2	165	127	18	M16	8	20.7	3.22
65	2 1/2	190	149.2	22	M20	8	23.9	4.80
80	3	210	168.3	22	M20	8	27	6.89
100	4	255	200	22	M20	8	30.2	11.5
125	5	280	235	22	M20	8	33.4	15.6
150	6	320	269.9	22	M20	12	35	21.4
200	8	380	330.2	26	M24	12	39.7	34.1
250	10	445	387.4	30	M27	16	46.1	53.5
300	12	520	450.8	33	M30	16	49.3	78.3
350	14	585	514.4	33	M30	20	52.4	105
400	16	650	571.5	36	M33	20	55.6	138.6
450	18	710	628.6	36	M33	24	58.8	174.3
500	20	775	685.8	36	M33	24	62	220.4
600	24	915	812.8	42	M39 × 3	24	68.3	339

Class300(PN50)钢制管法兰盖 (mm)

15	1/2	95	66.7	16	M14	4	14.3	0.77
20	3/4	115	82.6	18	M16	4	15.9	1.37
25	1	125	88.9	18	M16	4	17.5	1.66
32	1 1/4	135	98.4	18	M16	4	20.7	2.36
40	1 1/2	155	114.3	22	M20	4	22.3	3.29
50	2	165	127	18	M16	8	25.4	4.24
65	2 1/2	190	149.2	22	M20	8	28.6	6.23
80	3	210	168.3	22	M20	8	31.8	8.63
100	4	275	215.9	26	M24	8	38.1	17.7
125	5	330	266.7	30	M27	8	44.5	29.4
150	6	355	292.1	30	M27	12	47.7	36.2
200	8	380	330.2	26	M24	12	34.1	59.1
250	10	445	387.4	30	M27	16	53.5	98.4
300	12	520	450.8	33	M30	16	78.3	125.3
350	14	585	514.4	33	M30	20	105	152.1
400	16	650	571.5	36	M33	20	138.6	214.1
450	18	710	628.6	36	M33	24	174.3	275.4
500	20	775	685.8	36	M33	24	220.4	352.4
600	24	915	812.8	42	M39 × 3	24	339	536.8



钢制管法兰盖
Forged Blind Flange
HG/T 20622-2009(BL)

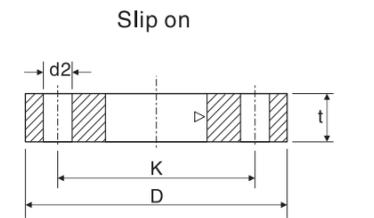




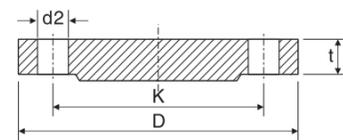
德标法兰 10BAR Unit:mm

Nominal Bore	Bore		Common Dimension					Hub				Raised Face		Drilling		Approx Weight(kg)			
	d1	d2	D	t			K	h1	d3	s	r	h2	d4	f	Num-ber of Bolf	d2	Din 2576	Din 2632	Din 2527
10	14	14.5	90	14	14	14	60	35	25	1.8	4	6	40	2	4	14	0.613	0.580	0.63
	17.2	17.7															0.605		
15	20	21	95	14	14	14	65	35	30	2	4	6	45	2	4	14	0.675	0.648	0.72
	21.3	22															0.669		
20	25	26	105	16	16	16	75	38	38	2.3	4	6	58	2	4	14	0.943	0.952	1.01
	26.9	27.6															0.936		
25	30	31	115	16	16	16	85	38	42	2.6	4	6	68	2	4	14	1.14	1.14	1.23
	33.7	34.4															1.11		
32	38	39	140	16	16	16	100	40	52	2.6	6	6	78	2	4	18	1.66	1.69	1.8
	42.4	43.1															1.62		
40	44.5	45.5	150	16	16	16	110	42	60	2.6	6	7	88	3	4	18	1.89	1.86	2.09
	48.3	49															1.86		
50	57	58.1	165	18	18	18	125	45	72	2.9	6	8	102	3	4	18	2.51	2.53	2.88
	60.3	61.1															2.47		
65	76.1	77.1	185	18	18	18	145	45	90	2.9	6	9	122	3	4	18	3	3.06	3.66
80	88.9	90.3	200	20	20	20	160	50	105	3.2	8	10	138	3	8	18	3.79	3.70	4.77
100	108	109.6	220	20	20	20	180	52	125	3.6	8	10	158	3	8	18	4.2	4.62	5.65
	114.3	115.9															4.03		
125	133	134.8	250	22	22	22	210	55	150	4	8	12	188	3	8	18	5.71	6.30	8.42
	139.7	141.6															5.46		
150	159	161.1	285	22	22	22	240	55	175	4.5	10	12	212	3	8	22	6.72	7.75	10.4
	168.3	170.5															6.57		
175	193.7	196.1	315	24	24	24	270	60	210	5.4	10	12	242	3	8	22	8.45	9.85	14
200	219.1	221.8	340	24	24	24	295	62	235	5.9	10	16	268	3	8	22	9.31	11.3	16
250	267	270.2	395	26	26	26	350	68	285	6.3	12	16	320	4	12	22	12.5	14.7	24
	273	276.2							292								11.9		

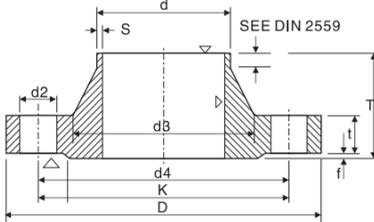
德标法兰 10BAR FLANGES/
DIN2576 SLIP-ON FLANGES/
DIN2527
BLIND FLANGES/DIN2632
WELDING NECK FLANGES



Blind



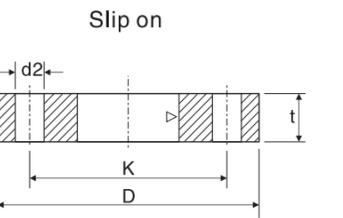
Welding Neck



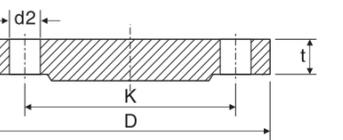
德标法兰 10BAR Unit:mm

Nominal Bore	Bore		Common Dimension					Hub				Raised Face		Drilling		Approx Weight(kg)			
	d1	d2	D	t			K	h1	d3	s	r	h2	d4	f	Num-ber of Bolf	d2	Din 2576	Din 2632	Din 2527
300	323.9	327.6	445	26	26	26	400	68	344	7.1	12	16	370	4	12	22	13.8	17.4	31.9
350	355.6	359.7	505	26	28	26	460	68	385	7.1	12	16	430	4	16	22	20.6	21.6	41.9
	368	372.2															19		
400	406.4	411	565	26	32	26	515	72	440	7.1	12	16	482	4	16	26	27.9	26.2	51.2
	419	423.7															25.9		
500	508	513.6	670	28	38	28	620	75	542	7.1	12	16	585	4	20	26	41.1	38.1	77.8
600	610	616.5	780	28	40		726	80	642	7.1	12	18	685	5	20	30	51.87	44.6	
700	711	716	895	30	40		840	80	745	8	12	18	800	5	24	30	65.79	62.4	
800	813	818	1015	32	44		950	90	850	8	12	18	905	5	24	33	90.87	84.1	
900	914	920	1115	34	48		1050	95	950	10	12	20	1005	5	28	33	108.41	98.5	
1000	1016	1022	1230	34	50		1160	95	1052	10	16	20	1110	5	28	36	133.21	115	
1200	1220	1226	1455	38	54		1380	115	1255	11	16	25	1330	5	32	39	188.2	182	
1400	1420	1426	1675	42	60		1590	120	1460	12	16	25	1535	5	36	42	262.14	248	
1600	1620	1626	1915	46	64		1820	130	1665	14	16	25	1760	5	40	48	367.43	347	
1800	1820	18226	2115	50	70		2020	140	1868	15	16	30	1960	5	44	48	447.79	430	
2000	2020	2026	2325	54	76		2230	150	2072	16	16	30	2170	5	48	48	577.77	539	
2200	2220	2226	2550	58	82		2440	160	2275	18	18	35	2370	6	52	56	699.88	658	
2400	2420	2426	2760	62	88		2650	170	2478	20	20	35	2570	6	56	56	844.48	825	
2600	2620	2626	2960	66	94		2850	180	2680	22	22	40	2780	6	60	56	972.23	979	
2800	2820	2826	3180	70	100		3070	190	2882	22	22	40	3000	6	64	56	1187.1	1156	
3000	3020	3026	3405	75	106		3290	200	3085	24	24	45	3210	6	68	62	1422.06	1420	

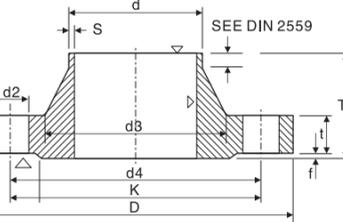
德标法兰 10BAR FLANGES/
DIN2576 SLIP-ON FLANGES/
DIN2527
BLIND FLANGES/DIN2632
WELDING NECK FLANGES



Blind



Welding Neck



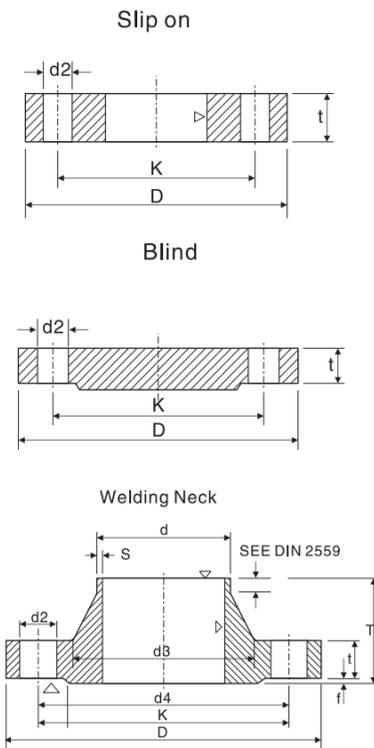


德标法兰 DIN 16BAR FLANGES/DIN2576 SLIP-ON FLANGES/DIN2527
BLIND FLANGES/DIN2633 WELDING NECK FLANGES

德标法兰 16BAR Unit:mm

Nominal Bore	Bore		Common Dimension					Hub				Raised Face		Drilling		Approx Weight(kg)			
	d1	d2	D	t			h1	d3	s	r	h2	d4	f	Number of Bolt	d2	Din 2576	Din 2631	Din 2527	
	Welding Neck	Plat		Blind	K														
10	14	14.5	90	14	14	14	60	35	25	1.8	4	6	40	2	4	14	0.613	0.580	0.63
	17.2	17.7															0.605		
15	20	21	95	14	14	14	65	35	30	2	4	6	45	2	4	14	0.675	0.648	0.72
	21.3	22															0.669		
20	25	26	105	16	16	16	75	38	38	2.3	4	6	58	2	4	14	0.943	0.952	1.01
	26.9	27.6															0.936		
25	30	31	115	16	16	16	85	38	42	2.6	4	6	68	2	4	14	1.14	1.14	1.23
	33.7	34.4															1.11		
32	38	39	140	16	16	16	100	40	52	2.6	6	6	78	2	4	18	1.66	1.69	1.8
	42.4	43.1															1.62		
40	44.5	45.5	150	16	16	16	110	42	60	2.6	6	7	88	3	4	18	1.89	1.86	2.09
	48.3	49															1.86		
50	57	58.1	165	18	18	18	125	45	72	2.9	6	8	102	3	4	18	2.51	2.53	2.88
	60.3	61.1															2.47		
65	76.1	77.1	185	18	18	18	145	45	90	2.9	6	9	122	3	4	18	3	3.06	3.66
80	88.9	90.3	200	20	20	20	160	50	105	3.2	8	10	138	3	8	18	3.79	3.70	4.77
100	108	109.6	220	20	20	20	180	52	125	3.6	8	10	158	3	8	18	4.2	4.62	5.65
	114.3	115.9															4.03		
125	133	134.8	250	22	22	22	210	55	150	4	8	12	188	3	8	18	5.71	6.30	8.42
	139.7	141.6															5.46		
150	159	161.1	285	22	22	22	240	55	175	4.5	10	12	212	3	8	22	6.72	7.75	10.4
	168.3	170.5															6.57		
175	193.7	196.1	315	24	24	24	270	60	210	5.4	10	12	242	3	8	22	8.45	9.85	14
200	219.1	221.8	340	24	24	24	295	62	235	5.9	10	16	268	3	12	22	9.31	11	16.1
250	267	270.2	405	26	26	26	355	70	285	6.3	12	16	320	3	12	26	13.4	15.6	24.9
	273	276.2																	
300	323.9	327.6	395	28	28	28	410	78	344	7.1	12	16	378	4	12	26	17.4	22	35.1

德标法兰 10BAR FLANGES/
DIN2576 SLIP-ON FLANGES/
DIN2527
BLIND FLANGES/DIN2632
WELDING NECK FLANGES

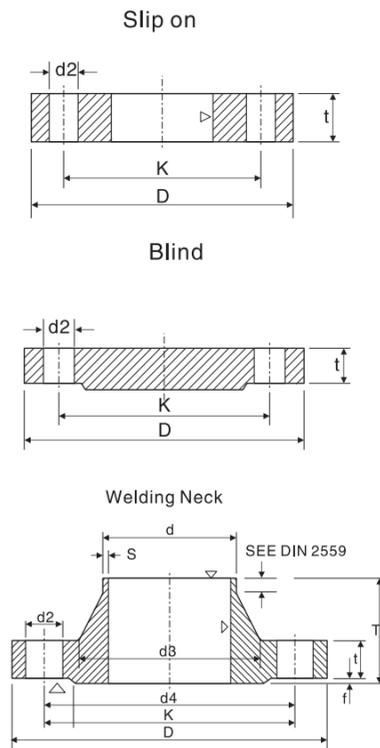


德标法兰 DIN 16BAR FLANGES/DIN2576 SLIP-ON FLANGES/DIN2527
BLIND FLANGES/DIN2633 WELDING NECK FLANGES

德标法兰 16BAR Unit:mm

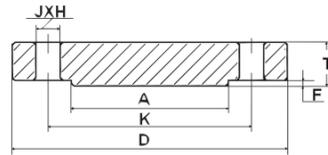
Nominal Bore	Bore		Common Dimension					Hub				Raised Face		Drilling		Approx Weight(kg)			
	d1	d2	D	t			h1	d3	s	r	h2	d4	f	Number of Bolt	d2	Din 2576	Din 2633	Din 2527	
	Welding Neck	Plat		Blind	K														
350	355.6	359.7	520	30	30	30	470	82	390	8	12	16	438	4	16	26	26.6	28.8	47.8
	368	372.2																	
400	406.4	411	580	32	32	32	525	85	445	8	12	16	490	4	16	30	30.9	36.3	63.5
	419	423.7																	
500	508	513.6	715	34	38	34	650	90	548	8	12	16	610	4	20	33	54	61	102
600	610	616.5	840	36	42	36	770	95	652	8.8	12	18	725	4	20	36	77.58	75.4	149.7
700	711	716	910	36	44	36	840	100	755	8.8	12	18	795	5	24	36	77.13	77	173.7
800	813	818	1025	38	50	38	950	105	855	10	12	20	900	5	24	39	106.35	101	235.5
900	914	920	1125	40	54	40	1050	110	955	10	12	20	1000	5	28	39	125.39	122	298.8
1000	1016	1022	1255	42	60	42	1170	120	1058	10	12	22	1115	5	28	42	177.99	162	390.7
1200	1220	1226	1485	48	68	48	1390	130	1262	12.5	16	30	1330	5	32	48	263.46	243	624.8
1400	1420	1426	1685	52	74	52	1590	145	1465	14.2	16	30	1530	5	36	48	329.77	323	872.6
1600	1620	1626	1930	58	82	58	1820	160	1668	16	16	35	1750	5	40	56	483.11	479	1275.1
1800	1820	1826	2130	62	88	62	2020	170	1870	17.5	16	35	1950	5	44	56	577.63	599	1661.9
2000	2020	2026	2345	66	94	66	2230	180	2072	20	16	40	2150	5	48	62	720.85	719	2142.1

德标法兰 10BAR FLANGES/
DIN2576 SLIP-ON FLANGES/
DIN2527
BLIND FLANGES/DIN2632
WELDING NECK FLANGES





Bs标准法兰
BS FLANGE



BS4504-105 PN10

压力 PN	通径 DN	外径 D	中心距 K	孔径 H	孔数 H	厚度 T	水线台 A	水线高 F	FF单重 KG	RF单重 KG
BS4504 105 PN10 盲板法兰	15	95	65	14	4	16	45	2	0.71	0.64
	20	105	75	14	4	18	58	2	1.01	0.93
	25	115	85	14	4	18	68	2	1.23	1.13
	32	140	100	18	4	18	78	2	1.81	1.66
	40	150	110	18	4	18	88	3	2.35	2.11
	50	165	125	18	4	18	102	3	2.88	2.59
	65	185	145	18	4	18	122	3	4.06	3.73
	80	200	160	18	8	20	138	3	4.62	4.28
	100	220	180	18	8	20	158	3	6.22	5.83
	125	250	210	18	8	22	188	3	8.13	7.68
	150	285	240	22	8	22	212	3	11.45	10.85
	200	340	295	22	8	24	268	3	16.54	15.81
	250	395	350	22	12	26	320	3	24.10	23.21
	300	445	400	22	12	26	370	4	30.84	29.47
	350	505	460	22	16	26	430	4	39.67	38.13
	400	565	515	26	16	26	482	4	49.47	47.6
450	615	565	26	20	28	532	4	63.01	60.99	
500	670	620	26	20	28	585	4	75.22	72.92	
600	780	725	30	20	34	685	5	123.85	120.12	

BS4504-105 PN16

压力 PN	通径 DN	外径 D	中心距 K	孔径 H	孔数 H	厚度 T	水线台 A	水线高 F	FF单重 KG	RF单重 KG
BS4504 105 PN16 盲板法兰	15	95	65	14	4	14	45	2	0.71	0.64
	20	105	75	14	4	16	58	2	1.01	0.93
	25	115	85	14	4	16	68	2	1.23	1.13
	32	140	100	18	4	16	78	2	1.81	1.66
	40	150	110	18	4	18	88	3	2.35	2.11
	50	165	125	18	4	18	102	3	2.88	2.59
	65	185	145	18	4	20	122	3	4.06	3.73
	80	200	160	18	8	20	138	3	4.62	4.28
	100	220	180	18	8	22	158	3	6.22	5.83
	125	250	210	18	8	22	188	3	8.13	7.68
	150	285	240	22	8	24	212	3	11.45	10.85
	200	340	295	22	12	26	268	3	17.61	16.91
	250	405	355	26	12	28	320	3	26.94	25.95
	300	460	410	26	12	30	378	4	37.67	36.17
	350	520	470	26	16	32	438	4	51.25	49.58
	400	580	525	30	16	36	490	4	71.52	69.50
450	640	585	30	20	36	550	4	86.98	84.78	
500	715	650	33	20	44	610	4	132.87	129.98	
600	840	770	36	20	48	725	5	201.29	196.54	

BS4505 Blind Flange

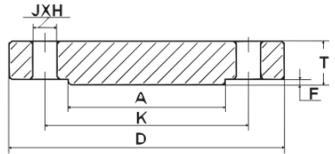
压力 PN	通径 DN	外径 D	中心距 K	孔径 H	孔数 H	厚度 T	水线台 A	水线高 F	FF单重 KG	RF单重 KG
BS4504 105 PN25 盲板法兰	15	95	65	14	4	16	45	2	0.81	0.74
	20	105	75	14	4	18	58	2	1.14	1.05
	25	115	85	14	4	18	68	2	1.38	1.29
	32	140	100	18	4	18	78	2	2.03	1.88
	40	150	110	18	4	18	88	3	2.35	2.11
	50	165	125	18	4	20	102	3	3.20	2.91
	65	185	145	18	8	22	122	3	4.29	3.98
	80	200	160	18	8	24	138	3	5.54	5.20
	100	235	190	22	8	24	162	3	7.60	7.14
	125	270	220	26	8	26	188	3	10.83	10.23
	150	300	250	26	8	28	218	3	14.61	13.93
	200	360	310	26	12	30	278	3	22.49	21.67
	250	425	370	30	12	32	335	3	33.53	32.46
	300	485	430	30	16	34	395	4	46.32	44.73
	350	555	490	33	16	38	450	4	68.13	65.96
	400	620	550	36	16	40	505	4	89.75	87.07
450	670	600	36	20	44	555	4	114.83	111.99	
500	730	660	36	20	45	615	4	140.76	137.59	
600	845	770	39	20	54	720	5	227.76	222.67	

BS4504-105 PN40

压力 PN	通径 DN	外径 D	中心距 K	孔径 H	孔数 H	厚度 T	水线台 A	水线高 F	FF单重 KG	RF单重 KG
BS4504 105 PN40 盲板法兰	10	90	60	14	4	16	40	2	0.72	0.65
	15	95	65	14	4	16	45	2	0.81	0.74
	20	105	75	14	4	18	58	2	1.14	1.05
	25	115	85	14	4	18	68	2	1.38	1.29
	32	140	100	18	4	18	78	2	2.03	1.88
	40	150	110	18	4	18	88	3	2.35	2.11
	50	165	125	18	4	20	102	3	3.20	2.91
	65	185	145	18	8	22	122	3	4.29	3.98
	80	200	160	18	8	24	138	3	5.54	5.20
	100	235	190	22	8	24	162	3	7.60	7.14
	125	270	220	26	8	26	188	3	10.83	10.23
	150	300	250	26	8	28	218	3	14.61	13.93
	200	375	320	30	12	34	285	3	27.23	26.34
	250	450	385	33	12	38	345	3	44.41	43.11
	300	515	450	33	16	42	410	4	64.22	62.25
	350	580	510	36	16	46	465	4	89.59	87.14
400	660	585	39	16	50	535	4	126.87	123.79	
450	685	610	39	20	54	560	4	146.20	143.11	
500	755	670	42	20	56	615	4	184.77	180.90	
600	890	795	48	20	70	735	5	322.21	315.86	

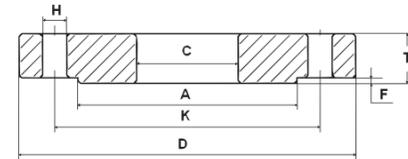


Bs标准法兰
BS FLANGE





EN1092-1/2 / BS4504
Plate Flange
Type 01

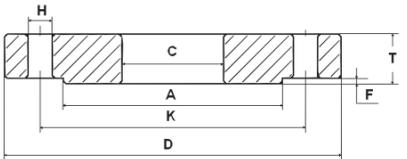


压力 PN	通径 DN	外径 D	中心距 K	孔径 H	孔数 --	内径 C	盘高 T	水线台 A	水线高 F	FF单重 KG	RF单重 KG
EN1092 101 PN10 平板法兰	15	95	65	14	4	22	14	45	2	0.67	0.59
	20	105	75	14	4	27.5	16	58	2	0.94	0.85
	25	115	85	14	4	34.5	16	68	2	1.11	1.01
	32	140	100	18	4	43.5	18	78	2	1.82	1.67
	40	150	110	18	4	49.5	18	88	3	2.08	1.83
	50	165	125	18	4	61.5	19/20	102	3	2.60/2.73	2.31/2.45
	65	185	145	18	4	77.5	20	122	3	3.32	2.99
	80	200	160	18	8	90.5	20	138	3	3.61	3.27
	100	220	180	18	8	116	22	158	3	4.39	4.01
	125	250	210	18	8	141.5	22	188	3	5.41	4.96
	150	285	240	22	8	170.5	24	212	3	7.15	6.55
	200	340	295	22	8	221.5	24	268	3	9.28	8.54
	250	395	350	22	12	276.5	26	320	3	11.83	10.95
	300	445	400	22	12	327.5	26	370	4	13.63	12.26
	350	505	460	22	16	359.5	28	430	4	20.39	18.85
	400	565	515	26	16	411	32	482	4	27.54	25.66
450	615	565	26	20	462	36	532	4	33.6	31.58	
500	670	620	26	20	513.5	38	585	4	40.26	37.96	
600	780	725	30	20	616.5	42	685	5	54.5	50.77	

压力 PN	通径 DN	外径 D	中心距 K	孔径 H	孔数 --	内径 C	盘高 T	水线台 A	水线高 F	FF单重 KG	RF单重 KG
EN1092 101 PN16 平板法兰	15	95	65	14	4	22	14	45	2	0.67	0.59
	20	105	75	14	4	27.5	16	58	2	0.94	0.85
	25	115	85	14	4	34.5	16	68	2	1.11	1.01
	32	140	100	18	4	43.5	18	78	2	1.82	1.67
	40	150	110	18	4	49.5	18	88	3	2.08	1.83
	50	165	125	18	4	61.5	19/20	102	3	2.60/2.73	2.31/2.45
	65	185	145	18	4	77.5	20	122	3	3.32	2.99
	80	200	160	18	8	90.5	20	138	3	3.61	3.27
	100	220	180	18	8	116	22	158	3	4.39	4.01
	125	250	210	18	8	141.5	22	188	3	5.41	4.96
	150	285	240	22	8	170.5	24	212	3	7.15	6.55
	200	340	295	22	12	221.5	26	268	3	9.74	9.04
	250	405	355	26	12	276.5	29	320	3	14.22	13.23
	300	460	410	26	12	327.5	32	378	4	19.00	17.5
	350	520	470	26	16	359.5	35	438	4	28.23	26.55
	400	580	525	30	16	411	38	490	4	35.89	33.87
450	640	585	30	20	462	42	550	4	46.17	43.97	
500	715	650	33	20	513.5	46	610	4	64.08	61.18	
600	840	770	36	20	616.5	52	725	5	96.13	91.37	



EN1092-1/2 / BS4504
Plate Flange
Type 01

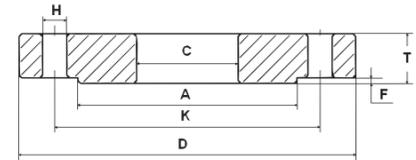


压力 PN	通径 DN	外径 D	中心距 K	孔径 H	孔数 —	内径 C	盘高 T	水线台 A	水线高 F	FF单重 KG	RF单重 KG
EN1092 101 PN25 平板法兰	15	95	65	14	4	22	14	45	2	0.67	0.59
	20	105	75	14	4	27.5	16	58	2	0.94	0.85
	25	115	85	14	4	34.5	16	68	2	1.11	1.01
	32	140	100	18	4	43.5	18	78	2	1.82	1.67
	40	150	110	18	4	49.5	18	88	3	2.08	1.83
	50	165	125	18	4	61.5	20	102	3	2.73	2.45
	65	185	145	18	8	77.5	22	122	3	3.48	3.17
	80	200	160	18	8	90.5	24	138	3	4.33	3.99
	100	235	190	22	8	116	26	162	3	6.08	5.61
	125	270	220	26	8	141.5	28	188	3	8.20	7.61
	150	300	250	26	8	170.5	30	218	3	10.28	9.59
	200	360	310	26	12	221.5	32	278	3	14.30	13.48
	250	425	370	30	12	276.5	35	335	3	20.16	19.1
	300	485	430	30	16	327.5	38	395	4	26.63	25.03
	350	555	490	33	16	359.5	42	450	4	41.82	39.64
	400	620	550	36	16	411	46	505	4	55.27	52.59
450	670	600	36	20	462	50	555	4	64.64	61.8	
500	730	660	36	20	513.5	56	615	4	84.06	80.89	
600	845	770	39	20	616.5	68	720	5	127.35	122.25	

压力 PN	通径 DN	外径 D	中心距 K	孔径 H	孔数 —	内径 C	盘高 T	水线台 A	水线高 F	FF单重 KG	RF单重 KG
EN1092 101 PN40 平板法兰	15	95	65	14	4	22	14	45	2	0.67	0.59
	20	105	75	14	4	27.5	16	58	2	0.94	0.85
	25	115	85	14	4	34.5	16	68	2	1.11	1.01
	32	140	100	18	4	43.5	18	78	2	1.82	1.67
	40	150	110	18	4	49.5	18	88	3	2.08	1.83
	50	165	125	18	4	61.5	20	102	3	2.73	2.45
	65	185	145	18	8	77.5	22	122	3	3.48	3.17
	80	200	160	18	8	90.5	24	138	3	4.33	3.99
	100	235	190	22	8	116	26	162	3	6.08	5.61
	125	270	220	26	8	141.5	28	188	3	8.2	7.61
	150	300	250	26	8	170.5	30	218	3	10.28	9.59
	200	375	320	30	12	221.5	36	285	3	17.94	17.04
	250	450	385	33	12	276.5	42	345	3	29.28	27.97
	300	515	450	33	16	327.5	48	410	4	41.62	39.66
	350	580	510	36	16	359.5	54	465	4	62.11	59.66
	400	660	585	39	16	411	60	535	4	89.72	86.63



EN1092-1 / 2Blind
FlangeType 05
盲板法兰

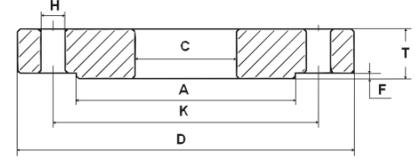


压力 PN	通径 DN	外径 D	中心距 K	孔径 H	孔数 H	厚度 T	水线台 A	水线高 F	FF单重 KG	RF单重 KG
EN1092 105 PN10 盲板法兰	10	90	60	14	4	16	40	2	0.72	0.65
	15	95	65	14	4	16	45	2	0.81	0.74
	20	105	75	14	4	18	58	2	1.14	1.05
	25	115	85	14	4	18	68	2	1.38	1.29
	32	140	100	18	4	18	78	2	2.03	1.88
	40	150	110	18	4	18	88	3	2.35	2.11
	50	165	125	18	4	18	102	3	2.88	2.59
	65	185	145	18	4	18	122	3	3.66	3.32
	80	200	160	18	8	20	138	3	4.62	4.28
	100	220	180	18	8	20	158	3	5.65	5.27
	125	250	210	18	8	22	188	3	8.13	7.68
	150	285	240	22	8	22	212	3	10.5	9.9
	200	340	295	22	8	24	268	3	16.54	15.81
	250	395	350	22	12	26	320	3	24.1	23.21
	300	445	400	22	12	26	370	4	30.84	29.47
350	505	460	22	16	26	430	4	39.67	38.13	
400	565	515	26	16	26	482	4	49.47	47.6	
450	615	565	26	20	28	532	4	63.01	60.99	
500	670	620	26	20	28	585	4	75.22	72.92	
600	780	725	30	20	34	685	5	123.85	120.12	

压力 PN	通径 DN	外径 D	中心距 K	孔径 H	孔数 H	厚度 T	水线台 A	水线高 F	FF单重 KG	RF单重 KG
EN1092 105 PN16 盲板法兰	15	95	65	14	4	16	45	2	0.81	0.74
	20	105	75	14	4	18	58	2	1.14	1.05
	25	115	85	14	4	18	68	2	1.38	1.29
	32	140	100	18	4	18	78	2	2.03	1.88
	40	150	110	18	4	18	88	3	2.35	2.11
	50	165	125	18	4	18	102	3	2.88	2.59
	65	185	145	18	4	18	122	3	3.66	3.32
	80	200	160	18	8	20	138	3	4.62	4.28
	100	220	180	18	8	20	158	3	5.65	5.27
	125	250	210	18	8	22	188	3	8.13	7.68
	150	285	240	22	8	22	212	3	10.5	9.9
	200	340	295	22	12	24	268	3	16.26	15.56
	250	405	355	26	12	26	320	3	25.01	24.02
	300	460	410	26	12	28	378	4	35.15	33.66
	350	520	470	26	16	30	438	4	48.05	46.38
400	580	525	30	16	32	490	4	63.58	61.55	
450	640	585	30	20	40	550	4	96.65	94.45	
500	715	650	33	20	44	610	4	132.87	129.98	
600	840	770	36	20	54	725	5	226.46	221.7	
800	1025	950	39	24	62	900	5	387.94	381.64	



EN1092-1 / 2Blind
FlangeType 05
盲板法兰



压力 PN	通径 DN	外径 D	中心距 K	孔径 H	孔数 H	厚度 T	水线台 A	水线高 F	FF单重 KG	RF单重 KG
EN1092 105 PN25 盲板法兰	15	95	65	14	4	16	45	2	0.81	0.74
	20	105	75	14	4	18	58	2	1.14	1.05
	25	115	85	14	4	18	68	2	1.38	1.29
	32	140	100	18	4	18	78	2	2.03	1.88
	40	150	110	18	4	18	88	3	2.35	2.11
	50	165	125	18	4	20	102	3	3.2	2.91
	65	185	145	18	8	22	122	3	4.29	3.98
	80	200	160	18	8	24	138	3	5.54	5.2
	100	235	190	22	8	24	162	3	7.6	7.14
	125	270	220	26	8	26	188	3	10.83	10.23
	150	300	250	26	8	28	218	3	14.61	13.93
	200	360	310	26	12	30	278	3	22.49	21.67
	250	425	370	30	12	32	335	3	33.53	32.46
	300	485	430	30	16	34	395	4	46.32	44.73
	350	555	490	33	16	38	450	4	68.13	65.96
400	620	550	36	16	40	505	4	89.75	87.07	
450	670	600	36	20	50	555	4	130.49	127.65	
500	730	660	36	20	51	615	4	159.53	156.35	
600	845	770	39	20	66	720	5	278.38	273.28	

压力 PN	通径 DN	外径 D	中心距 K	孔径 H	孔数 H	厚度 T	水线台 A	水线高 F	FF单重 KG	RF单重 KG
EN1092 105 PN40 盲板法兰	15	95	65	14	4	16	45	2	0.81	0.74
	20	105	75	14	4	18	58	2	1.14	1.05
	25	115	85	14	4	18	68	2	1.38	1.29
	32	140	100	18	4	18	78	2	2.03	1.88
	40	150	110	18	4	18	88	3	2.35	2.11
	50	165	125	18	4	20	102	3	3.2	2.91
	65	185	145	18	8	22	122	3	4.29	3.98
	80	200	160	18	8	24	138	3	5.54	5.2
	100	235	190	22	8	24	162	3	7.6	7.14
	125	270	220	26	8	26	188	3	10.83	10.23
	150	300	250	26	8	28	218	3	14.61	13.93
	200	375	320	30	12	36	285	3	28.84	27.94
	250	450	385	33	12	38	345	3	44.41	43.11
	300	515	450	33	16	42	410	4	64.22	62.25
	350	580	510	36	16	46	465	4	89.59	87.14
400	660	585	39	16	50	535	4	126.87	123.79	
450	685	610	39	20	57	560	4	154.32	151.23	
500	755	670	42	20	57	615	4	188.06	184.2	
600	890	795	48	20	72	735	5	331.41	325.06	

压力 PN	通径 DN	外径 D	中心距 K	孔径 H	孔数 H	厚度 T	水线台 A	水线高 F	FF单重 KG	RF单重 KG
EN1092 105 PN63 盲板法兰	15	105	75	14	4	20	45	2	1.26	1.16
	20	130	90	18	4	22	58	2	2.12	1.97
	25	140	100	18	4	24	68	2	2.71	2.54
	32	155	110	22	4	24	78	2	3.27	3.07
	40	170	125	22	4	26	88	3	4.33	3.97
	50	180	135	22	4	26	102	3	4.87	4.52
	65	205	160	22	8	26	122	3	6.12	5.69
	80	215	170	22	8	28	138	3	7.32	6.89
	100	250	200	26	8	30	162	3	10.57	10
	125	295	240	30	8	34	188	3	16.75	15.92
	150	345	280	33	8	36	218	3	24.5	23.34
	200	415	345	36	12	42	285	3	40.6	39.2
	250	470	400	36	12	46	345	3	58.28	56.68
	300	530	460	36	16	52	410	4	83.47	81.2
	350	600	525	39	16	56	465	4	115.98	113.03
400	670	585	42	16	60	535	4	155.73	152.42	



EN1092-1 / 2
WELDING-NECKTYPE 11



压力 PN	通径 DN	外径 D	中心距 K	孔径 H	孔数 —	小头 N	盘厚 T	总高 F	直径 t	大头 M	R	水线台 A	水线高 f	壁厚 S	内径 —	RF单重 KG	FF单重 KG
EN1092-1/2	10	90	60	14	4	17.2	16	35	6	28	4	40	2	1.8	13.6	0.67	0.74
	15	95	65	14	4	21.3	16	38	6	32	4	45	2	2	17.3	0.76	0.84
	20	105	75	14	4	26.9	18	40	6	40	4	58	2	2.3	22.9	1.07	1.16
	25	115	85	14	4	33.7	18	40	6	49	4	68	2	2.6	29.7	1.28	1.38
	32	140	100	18	4	42.4	18	42	6	56	6	78	2	2.6	38.4	1.86	2.01
	40	150	110	18	4	48.3	18	45	7	64	6	88	3	2.6	44.3	2.09	2.34
	50	165	125	18	4	60.3	18	45	8	74	5	102	3	2.9	56.3	2.46	2.75
	65	185	145	18	4	76.1	18	45	10	92	6	122	3	2.9	72.1	3.06	3.39
	80	200	160	18	8	88.9	20	50	10	105	6	138	3	3.2	82.9	3.90	4.24
	100	220	180	18	8	114	20	52	12	131	8	158	3	3.6	108.3	4.47	4.86
Welding	125	250	210	18	8	140	22	55	12	156	8	188	3	4	131.7	6.24	6.70
	150	285	240	22	8	168	22	55	12	184	10	212	3	4.5	160.3	7.50	8.10
	200	340	295	22	8	219	24	62	16	234	10	268	3	6.3	207.1	11.43	12.17
	250	395	350	22	12	273	26	68	16	292	12	320	3	6.3	261.0	15.31	16.20
	300	445	400	22	12	324	26	68	16	342	12	370	4	7.1	309.9	17.90	19.27
	350	505	460	22	16	356	26	68	16	385	12	430	4	7.1	341.6	24.70	26.24
	400	565	515	26	16	406	26	72	16	440	12	482	4	7.1	392.4	30.03	31.90
	450	615	565	26	20	457	28	72	16	488	12	532	4	7.1	443.0	34.42	36.43
	500	670	620	26	20	508	28	75	16	542	12	585	4	7.1	494.0	39.92	42.22
	600	780	725	30	20	610	30	82	18	642	12	685	5	7.1	594.0	52.76	56.50

压力 PN	通径 DN	外径 D	中心距 K	孔径 H	孔数 —	小头 N	盘厚 T	总高 F	直径 t	大头 M	R	水线台 A	水线高 f	壁厚 S	内径 —	RF单重 KG	FF单重 KG
EN1092-1/2	10	90	60	14	4	17.2	16	35	6	28	4	40	2	1.8	13.6	0.67	0.74
	15	95	65	14	4	21.3	16	38	6	32	4	45	2	2	17.3	0.76	0.84
	20	105	75	14	4	26.9	18	40	6	40	4	58	2	2.3	22.9	1.07	1.16
	25	115	85	14	4	33.7	18	40	6	46	4	68	2	2.6	29.7	1.28	1.38
	32	140	100	18	4	42.4	18	42	6	56	6	78	2	2.6	38.4	1.86	2.01
	40	150	110	18	4	48.3	18	45	7	64	6	88	3	2.6	44.3	2.09	2.34
	50	165	125	18	4	60.3	18	45	8	74	5	102	3	2.9	56.3	2.46	2.75
	65	185	145	18	4	76.1	18	45	10	92	6	122	3	2.9	72.1	3.06	3.39
	80	200	160	18	8	88.9	20	50	10	105	6	138	3	3.2	82.9	3.90	4.24
	100	220	180	18	8	114	20	52	12	131	8	158	3	3.6	108.3	4.47	4.86
Welding	125	250	210	18	8	140	22	55	12	156	8	188	3	4	131.7	6.24	6.70
	150	285	240	22	8	168	22	55	12	184	10	212	3	4.5	160.3	7.50	8.10
	200	340	295	22	12	219	24	62	16	235	10	268	3	6.3	207.1	11.43	11.94
	250	405	355	26	12	273	26	70	16	292	12	320	3	6.3	261.0	16.27	17.26
	300	460	410	26	12	324	28	78	16	344	12	378	4	7.1	309.9	21.84	23.34
	350	520	470	26	16	356	30	82	16	390	12	438	4	7.1	339.6	32.62	34.29
	400	580	525	30	16	406	32	85	16	445	12	490	4	7.1	390.4	40.88	42.90
	450	640	585	30	20	457	40	87	16	490	12	550	4	7.1	441.0	55.07	57.27
	500	715	650	33	20	508	44	90	16	548	12	610	4	7.1	492.0	74.68	77.58
	600	840	770	36	20	610	54	95	18	652	12	725	5	7.1	594.0	115.61	120.36

EN1092-1 / 2 WELDING-NECKTYPE 11

压力 PN	通径 DN	外径 D	中心距 K	孔径 H	孔数 —	小头 N	盘厚 T	总高 F	直径 t	大头 M	R	水线台 A	水线高 f	壁厚 S	内径 —	RF单重 KG	FF单重 KG
EN1092-1/2	10	90	60	14	4	17.2	16	35	6	28	4	40	2	1.8	13.6	0.67	0.74
	15	95	65	14	4	21.3	16	38	6	32	4	45	2	2	17.3	0.76	0.84
	20	105	75	14	4	26.9	18	40	6	40	4	58	2	2.3	22.3	1.08	1.17
	25	115	85	14	4	33.7	18	40	6	46	4	68	2	2.6	28.5	1.30	1.40
	32	140	100	18	4	42.4	18	42	6	56	6	78	2	2.6	37.2	1.88	2.03
	40	150	110	18	4	48.3	18	45	7	64	6	88	3	2.6	43.1	2.12	2.36
	50	165	125	18	4	60.3	20	48	8	75	6	102	3	2.9	54.5	2.82	3.11
	65	185	145	18	8	76.1	22	52	10	90	6	122	3	2.9	70.3	3.67	3.98
	80	200	160	18	8	88.9	24	58	12	105	8	138	3	3.2	82.5	4.74	5.08
	100	235	190	22	8	114	24	65	12	134	8	162	3	3.6	107.1	6.44	6.90
Welding	125	270	220	26	8	140	26	68	12	162	8	188	3	4	131.7	8.85	9.45
	150	300	250	26	8	168	28	75	12	192	10	218	3	4.5	159.3	11.60	12.28
	200	360	310	26	12	219	30	80	16	244	10	278	3	6.3	206.5	17.16	17.97
	250	425	370	30	12	273	32	88	18	298	12	335	3	7.1	258.8	24.26	25.33
	300	485	430	30	16	324	34	92	18	352	12	395	4	8	307.7	31.78	33.38
	350	555	490	33	16	356	38	100	20	398	12	450	4	8	339.6	49.11	51.29
	400	620	550	36	16	406	40	110	20	452	12	505	4	8.8	388.8	64.04	66.72
	450	670	600	36	20	457	46	110	20	500	12	555	4	8.8	439.4	76.59	79.42
	500	730	660	36	20	508	48	125	20	558	12	615	4	10	488.0	98.27	101.45
	600	845	770	39	20	610	58	125	20	660	12	720	5	11	588.0	139.57	144.67

压力 PN	通径 DN	外径 D	中心距 K	孔径 H	孔数 —	小头 N	盘厚 T	总高 F	直径 t	大头 M	R	水线台 A	水线高 f	壁厚 S	内径 —	RF单重 KG	FF单重 KG
EN1092-1/2	10	90	60	14	4	17.2	16	35	6	28	4	40	2	1.8	13.6	0.67	0.74
	15	95	65	14	4	21.3	16	38	6	32	4	45	2	2	17.3	0.76	0.84
	20	105	75	14	4	26.9	18	40	6	40	4	58	2	2.3	22.3	1.08	1.17
	25	115	85	14	4	33.7	18	40	6	46	4	68	2	2.6	28.5	1.30	1.40
	32	140	100	18	4	42.4	18	42	6	56	6	78	2	2.6	37.2	1.88	2.03
	40	150	110	18	4	48.3	18	45	7	64	6	88	3	2.6	43.1	2.12	2.36
	50	165	125	18	4	60.3	20	48	8	75	6	102	3	2.9	54.5	2.82	3.11
	65	185	145	18	8	76.1	22	52	10	90	6	122	3	2.9	70.3	3.67	3.98
	80	200	160	18	8	88.9	24	58	12	105	8	138	3	3.2	82.5	4.74	5.08
	100	235	190	22	8	114	24	65	12	134	8	162	3	3.6	107.1	6.44	6.90
Welding	125	270	220	26	8	140	26	68	12	162	8	188	3	4	131.7	8.85	9.45
	150	300	250	26	8	168	28	75	12	192	10	218	3	4.5	159.3	11.60	12.28
	200	375	320	30	12	219	34	88	16	244	10	285	3	6.3	206.5	21.05	21.95
	250	450	385	33	12	273	38	105	18	306	12	345	3	7.1	258.8	34.37	35.67
	300	515	450	33	16	324	42	115	18	362	12	410	4	8	307.7	47.96	49.92
	350	580	510	36	16	356	46	125	20	408	12	465	4	8.8	338.0	70.08	72.53
	400	660	585	39	16	406	50	135	20	462	12	535	4	11	384.4	99.58	102.67
	450	685	610	39	20	457	57	135	20	500	12	560	4	12.5	432.0	105.98	109.07
	500	755	670	42	20	508	57	140	20	562	12	615	4	14.2	479.6	132.09	135.96
	600	890	795	48	20	610	72	150	20	666	12	735	5	16	578.0	211.76	218.11

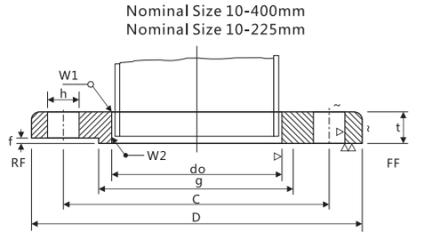
压力 PN	通径 DN	外径 D	中心距 K	孔径 H	孔数 —	小头 N	盘厚 T	总高 F	直径 t	大头 M	R	水线台 A	水线高 f	壁厚 S	内径 —
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日标法兰 5K KS B 1503/JIS B 2220 Unit:mm

Nominal Pipe Size	Outside Dia. of Applicable Pipe	Inside Dia. of Flange	Outside Dia. of Flange	Sectional Dimensions of Flange										Drilling			Welding		
				Dia. of Hub		Radi- sus	Raised Face	Dia. of Raised Face	Dia. of Bolt Circle	Number of Bolt Holes	Holes Dia.	Nominal Bolt Size	Sop	BI	Soh				
				a	b											r	f	g	C
(10)	17.3	17.8	75	9	-	-	-	1	39	55	4	12	M10	0.27	0.3	-			
15	21.7	22.2	80	9	-	-	-	1	44	60	4	12	M10	0.30	0.4	-			
(20)	27.2	27.7	85	10	-	-	-	1	49	65	4	12	M10	0.37	0.5	-			
25	34.0	34.5	95	10	-	-	-	1	59	75	4	12	M10	0.45	0.6	-			
(32)	42.7	43.2	115	12	-	-	-	2	70	90	4	15	M12	0.78	0.9	-			
40	48.6	49.1	120	12	-	-	-	2	75	95	4	15	M12	0.83	1.0	-			
50	60.5	61.1	130	14	-	-	-	2	85	105	4	15	M12	1.07	1.4	-			
65	76.3	77.1	155	14	-	-	-	2	110	130	4	15	M12	1.49	2.0	-			
80	89.1	90.0	180	14	-	-	-	2	121	145	4	19	M16	1.99	2.7	-			
(90)	101.6	102.6	190	14	-	-	-	2	131	155	4	19	M16	2.09	3.0	-			
100	114.3	115.4	200	16	-	-	-	2	141	165	8	19	M16	2.39	3.7	-			
125	139.8	141.2	235	16	-	-	-	2	176	200	8	19	M16	3.23	5.2	-			
150	165.2	166.6	265	18	-	-	-	2	206	230	8	19	M16	4.41	7.5	-			
(175)	190.7	192.1	300	18	-	-	-	2	232	260	8	23	M20	5.51	9.5	-			
200	216.3	218.0	320	20	-	-	-	2	252	280	8	23	M20	6.33	12.2	-			
(225)	241.8	243.7	345	20	-	-	-	2	277	305	12	23	M20	6.64	14.0	-			
250	267.4	269.5	385	22	-	-	-	2	317	345	12	23	M20	9.45	19.3	-			
300	318.5	321.0	430	22	-	-	-	3	360	390	12	23	M20	10.3	24.3	-			
350	355.6	358.1	480	24	-	-	-	3	403	435	12	25	M22	14.0	33.2	-			
400	406.4	409.0	540	24	-	-	-	3	463	495	16	25	M22	16.9	41.9	-			
450	457.2	460.0	605	24	40	495	500	5	523	555	16	25	M22	21.6	53.0	24.8			
500	508.0	511.0	655	24	40	546	552	5	573	605	20	27	M24	23.1	59.1	26.9			
550	558.8	562.0	720	26	42	597	603	5	630	665	20	27	M24	30.3	81.2	34.1			
600	609.6	613.0	770	26	44	648	654	5	680	715	20	27	M24	32.7	93.2	37.5			
650	660.4	664.0	825	26	48	702	708	5	735	770	24	27	M24	35.9	106.9	42.8			
700	711.2	715.0	875	26	48	751	758	5	785	820	24	27	M24	38.2	120.6	45.4			
750	762.0	766.0	945	28	52	802	810	5	840	880	24	33	M30	48.7	150.5	57.4			
800	812.8	817.0	995	28	52	854	862	5	890	930	24	33	M30	51.2	167.4	60.8			
(850)	863.6	868.0	1045	28	54	904	912	5	940	980	24	33	M30	54.4	185.1	63.5			
900	914.4	919.0	1095	30	56	956	964	5	990	1030	24	33	M30	61.1	218.1	75.3			
1000	1016.0	1021.0	1195	32	60	1058	1066	5	1090	1130	28	33	M30	70.5	277.3	88.5			
★(1100)	1117.6	1123	1305	32	-	-	-	3	1200	1240	28	33	M30	81.7	331.9	-			
★1200	1219.2	1225	1420	34	-	-	-	3	1305	1350	32	33	M30	102.0	417.8	-			
★1350	1371.6	-	1575	34	-	-	-	3	1460	1505	32	33	M30	115.9	515.6	-			
★1500	1524.0	-	1730	36	-	-	-	3	1615	1660	36	33	M30	157.4	659.2	-			

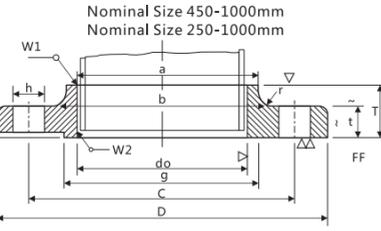
JIS FLANGE 日标法兰



Nominal Size 10-400mm
Nominal Size 10-225mm

日标法兰 10K KS B 1503/JIS B 2220 Unit:mm

Nominal Pipe Size	Outside Dia. of Applicable Pipe	Inside Dia. of Flange	Outside Dia. of Flange	Sectional Dimensions of Flange										Drilling			Welding		
				Dia. of Hub		Radi- sus	Raised Face	Dia. of Raised Face	Dia. of Bolt Circle	Number of Bolt Holes	Holes Dia.	Nominal Bolt Size	Sop	BI	Soh				
				a	b											r	f	g	C
10	17.3	17.8	90	12	-	-	-	1	46	65	4	15	M12	0.82	0.54	-			
15	21.7	22.2	95	12	-	-	-	1	51	70	4	15	M12	0.57	0.81	-			
20	27.2	27.7	100	14	-	-	-	1	56	75	4	15	M12	0.73	0.79	-			
25	34.0	34.5	125	14	-	-	-	1	67	90	4	19	M16	1.13	1.24	-			
32	42.7	43.2	135	16	-	-	-	2	76	100	4	19	M16	1.48	1.66	-			
40	48.6	49.1	140	16	-	-	-	2	81	105	4	19	M16	1.56	1.81	-			
50	60.5	61.1	155	16	-	-	-	2	86	120	4	19	M16	1.88	2.23	-			
65	76.3	77.1	175	18	-	-	-	2	116	140	4	19	M16	2.60	3.3	-			
80	89.1	90.0	185	18	-	-	-	2	126	150	8	19	M16	2.61	3.5	-			
(90)	101.6	102.6	195	18	-	-	-	2	136	160	8	19	M16	2.76	4.0	-			
100	114.3	115.4	210	18	-	-	-	2	151	175	8	19	M16	3.14	4.6	-			
125	139.8	141.2	250	20	-	-	-	2	182	210	8	23	M20	4.77	7.3	-			
150	165.2	166.6	280	22	-	-	-	2	212	240	8	23	M20	6.34	10.1	-			
(175)	190.7	192.1	305	22	-	-	-	2	237	265	12	23	M20	6.82	11.8	-			
200	216.3	218.0	330	22	-	-	-	2	262	290	12	23	M20	7.53	14.0	-			
(225)	241.8	243.7	350	22	-	-	-	2	282	310	12	23	M20	7.74	15.8	-			
250	267.4	269.5	400	24	36	288	29	6	324	355	12	25	M22	11.8	22.7	12.7			
300	318.5	321.0	445	24	38	340	346	6	368	400	16	25	M22	12.7	27.8	13.8			
350	355.6	358.1	490	26	42	380	386	6	413	445	16	25	M22	16.4	37.1	18.2			
400	406.4	409.0	560	28	44	436	442	6	475	510	16	27	M24	23.0	52.5	25.2			
450	457.2	460.0	620	30	48	496	502	6	530	565	20	27	M24	29.5	68.8	33.0			
500	508.0	511.0	675	30	48	548	554	6	585	620	20	27	M24	33.5	82.1	37.6			
(550)	558.8	562.0	745	32	52	604	610	6	640	680	20	33	M30	43.1	105.8	49.7			
600	609.6	613.0	795	32	52	656	662	6	690	730	24	33	M30	45.7	120.2	52.6			
650	660.4	664.0	845	34	58	706	712	6	740	780	24	33	M30	52.1	145.0	60.6			
700	711.2	715.0	905	34	58	762	770	6	800	840	24	33	M30	59.5	167.2	70.6			
750	762.0	766.0	970	36	62	816	824	6	855	900	24	33	M30	73.2	204.2	85.8			
800	812.8	817.0	1020	36	64	868	876	6	905	950	28	33	M30	76.4	225.4	91.2			
(850)	863.6	868.0	1070	36	66	920	928	6	955	1000	28	33	M30	80.7	248.8	96.6			
900	914.4	919.0	1120	38	70	971	979	6	1005	1050	28	33	M30	89.4	283.4	109.0			
1000	1016.0	1021.0	1235	40	74	1073	1081	6	1110	1160	28	39	M36	109.2	367.7	133.0			
(1100)	1117.6	1123	1345	42	76	-	-	3	1220	1270	28	39	M36	131.6	460.0	-			
1200	1219.2	1225	1465	44	78	-	-	3	1325	1380	32	39	M36	163.5	572.2	-			
1350	1371.6	-	1630	48	82	-	-	3	1480	1540	36	45	M42	204.7	769.0	-			
1500	1524.0	-	1795	50	90	-	-	3	1635	1700	40	45	M42	250.2	974.9	-			



Nominal Size 450-1000mm
Nominal Size 250-1000mm

(1) Flanges of parenthesized nominal diameter had letter not be used.
(2) The facing of flanges shall conform to KS B 15.19 (JIS B2202) 1984.
(3) Nominal diameter over 1000 is manufacturer's standard (★).



日标法兰 16K KS B 1503/JIS B 2220 Unit:mm

Nominal Pipe Size	Outside Dia. of Applicable Pipe	Inside Dia. of Flange	Outside Dia. of Flange	Sectional Dimensions of Flange										Drilling			Welding		
				Dia. of Hub		Radi- sus	Raised Face	Dia. of Raised Face	Dia. of Bolt Circle	Number of Bolt Holes	Holes Dia.	Nominal Bolt Size	Sop	BI	Soh				
				a	b											r	f	g	C
10	17.3	17.8	90	12	16	26	28	4	1	46	65	4	15	M12	0.52	0.54	0.52		
15	21.7	22.2	95	12	16	30	32	4	1	51	70	4	15	M12	0.57	0.61	0.58		
20	27.2	27.7	100	14	20	38	42	4	1	56	75	4	15	M12	0.73	0.79	0.75		
25	34.0	34.5	125	14	20	46	50	4	1	67	90	4	19	M16	1.13	1.24	1.16		
32	42.7	43.2	135	16	22	56	60	5	2	76	100	4	19	M16	1.48	1.66	1.53		
40	48.6	49.1	140	16	24	62	66	5	2	81	105	4	19	M16	1.56	1.81	1.64		
50	60.5	61.1	155	16	24	76	80	5	2	96	120	8	19	M16	1.8	2.3	1.83		
65	76.3	77.1	175	18	26	94	98	5	2	116	140	8	19	M16	2.5	3.1	2.58		
80	89.1	90.0	200	20	28	108	112	6	2	132	160	8	23	M20	3.5	4.5	3.66		
(90)	101.6	102.6	210	20	30	120													



One-stop Solution For All Your Piping Needs