

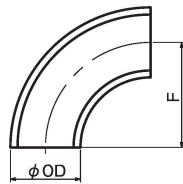
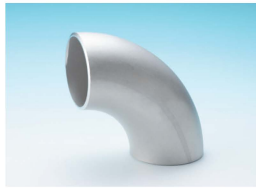


Butt-Welding Fittings

溶接継手

溶接継手

90°ロングエルボ 90E(L)

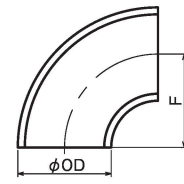
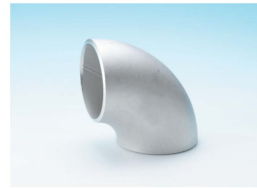


単位:mm

単位:kg

呼び径		外径	厚み			中心から端面までの距離	概略重量		
(A)	(B)	OD	Sch10S	Sch20S	Sch40	F	Sch10S	Sch20S	Sch40
10	3/8	17.3	1.65	2.0	2.3	38.1	0.05	0.1	0.1
15	1/2	21.7	2.1	2.5	2.8	38.1	0.1	0.1	0.1
20	3/4	27.2	2.1	2.5	2.9	38.1	0.1	0.1	0.1
25	1	34.0	2.8	3.0	3.4	38.1	0.1	0.1	0.2
32	1 1/4	42.7	2.8	3.0	3.6	47.6	0.2	0.2	0.3
40	1 1/2	48.6	2.8	3.0	3.7	57.2	0.3	0.3	0.4
50	2	60.5	2.8	3.5	3.9	76.2	0.5	0.6	0.7
65	2 1/2	76.3	3.0	3.5	5.2	95.3	0.8	0.9	1.4
80	3	89.1	3.0	4.0	5.5	114.3	1.1	1.5	2.0
90	3 1/2	101.6	3.0	4.0	5.7	133.4	1.5	2.0	2.8
100	4	114.3	3.0	4.0	6.0	152.4	2.0	2.6	3.8
125	5	139.8	3.4	5.0	6.6	190.5	3.4	5.0	6.5
150	6	165.2	3.4	5.0	7.1	228.6	4.9	7.1	9.9
200	8	216.3	4.0	6.5	8.2	304.8	10.0	16.1	20.1
250	10	267.4	4.0	6.5	9.3	381.0	15.5	25.0	35.4
300	12	318.5	4.5	6.5	10.3	457.2	25.0	35.9	56.2
350	14	355.6	5.0	8.0	11.1	533.4	36.2	57.4	78.9
400	16	406.4	5.0	8.0	12.7	609.6	47.3	75.2	118.0
450	18	457.2	5.0	8.0	14.3	685.8	60.0	95.4	168.1
500	20	508.0	5.5	9.5	15.1	762.0	81.5	139.7	219.5
550	22	558.8	5.5	9.5	15.9	838.2	98.7	169.3	280.0
600	24	609.6	6.5	9.5	17.5	914.4	138.7	201.7	366.7
650	26	660.4	8.0	12.7	18.9	990.6	200.1	315.3	471.0
700	28	711.2	8.0	12.7	—	1066.8	232.2	366.2	—
750	30	762.0	8.0	12.7	—	1143.0	266.8	420.9	—
800	32	812.8	8.0	12.7	—	1219.2	303.8	479.4	—
850	34	863.6	8.0	12.7	—	1295.4	343.1	541.7	—
900	36	914.4	8.0	12.7	—	1371.6	384.9	607.8	—

90°ショートエルボ 90E(S)

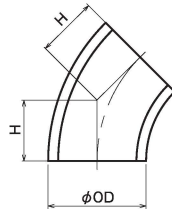
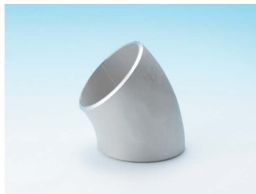


単位:mm

単位:kg

呼び径		外径	厚み			中心から端面までの距離	概略重量		
(A)	(B)	OD	Sch10S	Sch20S	Sch40	F	Sch10S	Sch20S	Sch40
10	3/8	—	—	—	—	—	—	—	—
15	1/2	—	—	—	—	—	—	—	—
20	3/4	—	—	—	—	—	—	—	—
25	1	34.0	2.8	3.0	3.4	25.4	0.1	0.1	0.1
32	1 1/4	42.7	2.8	3.0	3.6	31.8	0.1	0.1	0.2
40	1 1/2	48.6	2.8	3.0	3.7	38.1	0.2	0.2	0.2
50	2	60.5	2.8	3.5	3.9	50.8	0.3	0.4	0.4
65	2 1/2	76.3	3.0	3.5	5.2	63.5	0.5	0.6	0.9
80	3	89.1	3.0	4.0	5.5	76.2	0.8	1.0	1.4
90	3 1/2	101.6	3.0	4.0	5.7	88.9	1.0	1.3	1.9
100	4	114.3	3.0	4.0	6.0	101.6	1.3	1.7	2.6
125	5	139.8	3.4	5.0	6.6	127.0	2.3	3.3	4.3
150	6	165.2	3.4	5.0	7.1	152.4	3.2	4.7	6.6
200	8	216.3	4.0	6.5	8.2	203.2	6.7	10.7	13.4
250	10	267.4	4.0	6.5	9.3	254.0	10.4	16.7	23.6
300	12	318.5	4.5	6.5	10.3	304.8	16.7	24.0	37.5
350	14	355.6	5.0	8.0	11.1	355.6	24.1	38.3	52.6
400	16	406.4	5.0	8.0	12.7	406.4	31.6	50.1	78.6
450	18	457.2	5.0	8.0	14.3	457.2	40.0	63.6	112.1
500	20	508.0	5.5	9.5	15.1	508.0	54.3	93.1	146.3
550	22	558.8	5.5	9.5	15.9	558.8	65.8	112.8	186.7
600	24	609.6	6.5	9.5	17.5	609.6	92.5	134.5	244.4
650	26	660.4	8.0	12.7	18.9	660.4	133.4	210.2	314.0
700	28	711.2	8.0	12.7	—	711.2	154.8	244.2	—
750	30	762.0	8.0	12.7	—	762.0	177.9	280.6	—
800	32	812.8	8.0	12.7	—	812.8	202.5	319.6	—
850	34	863.6	8.0	12.7	—	863.6	228.8	361.2	—
900	36	914.4	8.0	12.7	—	914.4	256.6	405.2	—

45°ロングエルボ 45E(L)

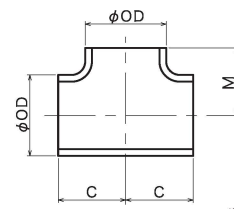
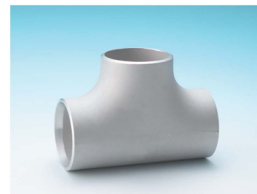


単位:mm

単位:kg

呼び径		外径	厚み			中心から端面までの距離	概略重量		
(A)	(B)	OD	Sch10S	Sch20S	Sch40	H	Sch10S	Sch20S	Sch40
10	3/8	—	—	—	—	—	—	—	—
15	1/2	21.7	2.1	2.5	2.8	15.8	0.03	0.04	0.04
20	3/4	27.2	2.1	2.5	2.9	15.8	0.04	0.05	0.1
25	1	34.0	2.8	3.0	3.4	15.8	0.1	0.1	0.1
32	1 1/4	42.7	2.8	3.0	3.6	19.7	0.1	0.1	0.1
40	1 1/2	48.6	2.8	3.0	3.7	23.7	0.1	0.2	0.2
50	2	60.5	2.8	3.5	3.9	31.6	0.2	0.3	0.3
65	2 1/2	76.3	3.0	3.5	5.2	39.5	0.4	0.5	0.7
80	3	89.1	3.0	4.0	5.5	47.3	0.6	0.8	1.0
90	3 1/2	101.6	3.0	4.0	5.7	55.3	0.8	1.0	1.4
100	4	114.3	3.0	4.0	6.0	63.1	1.0	1.3	1.9
125	5	139.8	3.4	5.0	6.6	78.9	1.7	2.5	3.2
150	6	165.2	3.4	5.0	7.1	94.7	2.4	3.5	5.0
200	8	216.3	4.0	6.5	8.2	126.3	5.0	8.1	10.1
250	10	267.4	4.0	6.5	9.3	157.8	7.8	12.5	17.7
300	12	318.5	4.5	6.5	10.3	189.4	12.5	17.9	28.1
350	14	355.6	5.0	8.0	11.1	220.9	18.1	28.7	39.5
400	16	406.4	5.0	8.0	12.7	252.5	23.7	37.6	59.0
450	18	457.2	5.0	8.0	14.3	284.1	30.0	47.7	84.0
500	20	508.0	5.5	9.5	15.1	315.6	40.7	69.8	109.7
550	22	558.8	5.5	9.5	15.9	347.2	49.4	84.6	140.0
600	24	609.6	6.5	9.5	17.5	378.7	69.4	100.9	183.3
650	26	660.4	8.0	12.7	18.9	410.3	100.0	157.7	235.0
700	28	711.2	8.0	12.7	—	441.9	116.1	183.1	—
750	30	762.0	8.0	12.7	—	473.4	133.4	210.5	—
800	32	812.8	8.0	12.7	—	505.0	151.9	239.7	—
850	34	863.6	8.0	12.7	—	536.6	171.6	270.9	—
900	36	914.4	8.0	12.7	—	568.1	192.4	303.9	—

同径チーズ T

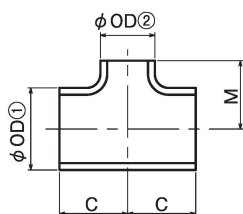


単位:mm

単位:kg

呼び径		外径	厚み			中心から端面までの距離	概略重量		
(A)	(B)	OD	Sch10S	Sch20S	Sch40	C M	Sch10S	Sch20S	Sch40
10	3/8	17.3	1.65	2.0	2.3	23.0 23.0	0.04	0.05	0.1
15	1/2	21.7	2.1	2.5	2.8	25.4 25.4	0.1	0.1	0.1
20	3/4	27.2	2.1	2.5	2.9	28.6 28.6	0.1	0.1	0.1
25	1	34.0	2.8	3.0	3.4	38.1 38.1	0.2	0.2	0.3
32	1 1/4	42.7	2.8	3.0	3.6	47.6 47.6	0.3	0.4	0.4
40	1 1/2	48.6	2.8	3.0	3.7	57.2 57.2	0.5	0.5	0.6
50	2	60.5	2.8	3.5	3.9	63.5 63.5	0.6	0.8	0.9
65	2 1/2	76.3	3.0	3.5	5.2	76.2 76.2	1.0	1.2	1.7
80	3	89.1	3.0	4.0	5.5	85.7 85.7	1.4	1.8	2.4
90	3 1/2	101.6	3.0	4.0	5.7	95.3 95.3	1.7	2.3	3.2
100	4	114.3	3.0	4.0	6.0	104.8 104.8	2.1	2.8	4.1
125	5	139.8	3.4	5.0	6.6	123.8 123.8	3.5	5.0	6.5
150	6	165.2	3.4	5.0	7.1	142.9 142.9	4.7	6.8	9.6
200	8	216.3	4.0	6.5	8.2	177.8 177.8	8.9	14.3	17.9
250	10	267.4	4.0	6.5	9.3	215.9 215.9	13.4	21.5	30.4
300	12	318.5	4.5	6.5	10.3	254.0 254.0	21.0	30.1	47.2
350	14	355.6	5.0	8.0	11.1	279.4 279.4	28.5	45.3	62.2
400	16	406.4	5.0	8.0	12.7	304.8 304.8	35.2	55.9	87.7
450	18	457.2	5.0	8.0	14.3	342.9 342.9	44.6	70.9	124.9
500	20	508.0	5.5	9.5	15.1	381.0 381.0	60.6	103.8	163.1
550	22	558.8	5.5	9.5	15.9	419.1 419.1	73.4	125.8	208.1
600	24	609.6	6.5	9.5	17.5	431.8 431.8	95.7	139.2	253.0
650	26	660.4	8.0	12.7	18.9	495.3 495.3	148.7	234.3	—
700	28	711.2	8.0	12.7	—	520.7 520.7	167.3	263.8	—
750	30	762.0	8.0	12.7	—	558.8 558.8	192.6	303.9	—
800	32	812.8	8.0	12.7	—	596.9 596.9	219.7	346.7	—
850	34	863.6	8.0	12.7	—	635.0 635.0	248.6	392.4	—
900	36	914.4	8.0	12.7	—	673.1 673.1	279.2	440.9	—

異径チーズ T(R)



単位:mm														単位:kg		
呼び径				外径		厚み						中心から端面 までの距離		概略重量		
(A)		(B)				Sch10S		Sch20S		Sch40						
OD①	OD②	OD①	OD②	OD①	OD②	①	②	①	②	①	②	C	M	Sch10S	Sch20S	Sch40
20	15	¾	½	27.2	21.7	2.1	2.1	2.5	2.5	2.9	2.8	28.6	28.6	0.1	0.1	0.1
25	20	1	¾	34.0	27.2	2.8	2.1	3.0	2.5	3.4	2.9	38.1	38.1	0.2	0.2	0.2
	15		½	34.0	21.7	2.8	2.1	3.0	2.5	3.4	2.8	38.1	38.1	0.2	0.2	0.2
32	25	1¼	1	42.7	34.0	2.8	2.8	3.0	3.0	3.6	3.4	47.6	47.6	0.3	0.3	0.4
	20		¾	42.7	27.2	2.8	2.1	3.0	2.5	3.6	2.9	47.6	47.6	0.3	0.3	0.4
32	15	1¼	½	42.7	21.7	2.8	2.1	3.0	2.5	3.6	2.8	47.6	47.6	0.3	0.3	0.4
	32		1¼	48.6	42.7	2.8	2.8	3.0	3.0	3.7	3.6	57.2	57.2	0.5	0.5	0.6
40	25	1½	1	48.6	34.0	2.8	2.8	3.0	3.0	3.7	3.4	57.2	57.2	0.4	0.5	0.6
	20		¾	48.6	27.2	2.8	2.1	3.0	2.5	3.7	2.9	57.2	57.2	0.4	0.4	0.5
40	15	1½	½	48.6	21.7	2.8	2.1	3.0	2.5	3.7	2.8	57.2	57.2	0.4	0.4	0.5
	40		1½	60.5	48.6	2.8	2.8	3.5	3.0	3.9	3.7	63.5	60.3	0.6	0.7	0.8
50	32	2	1¼	60.5	42.7	2.8	2.8	3.5	3.0	3.9	3.6	63.5	57.2	0.6	0.7	0.8
	25		1	60.5	34.0	2.8	2.8	3.5	3.0	3.9	3.4	63.5	50.8	0.6	0.7	0.8
50	20	2	¾	60.5	27.2	2.8	2.1	3.5	2.5	3.9	2.9	63.5	44.5	0.5	0.7	0.7
	50		2	76.3	60.5	3.0	2.8	3.5	3.5	5.2	3.9	76.2	69.9	1.0	1.1	1.6
65	40	2½	1½	76.3	48.6	3.0	2.8	3.5	3.0	5.2	3.7	76.2	66.7	0.9	1.1	1.6
	32		1¼	76.3	42.7	3.0	2.8	3.5	3.0	5.2	3.6	76.2	63.5	0.9	1.1	1.5
65	25	2½	1	76.3	34.0	3.0	2.8	3.5	3.0	5.2	3.4	76.2	57.2	0.9	1.0	1.5
	65		2½	89.1	76.3	3.0	3.0	4.0	3.5	5.5	5.2	85.7	82.6	1.3	1.7	2.4
80	50	3	2	89.1	60.5	3.0	2.8	4.0	3.5	5.5	3.9	85.7	76.2	1.2	1.6	2.2
	40		1½	89.1	48.6	3.0	2.8	4.0	3.0	5.5	3.7	85.7	73.0	1.2	1.6	2.1
80	32	3	1¼	89.1	42.7	3.0	2.8	4.0	3.0	5.5	3.6	85.7	69.9	1.2	1.5	2.1
	80		3	101.6	89.1	3.0	3.0	4.0	4.0	5.7	5.5	95.3	92.1	1.7	2.1	3.2
90	65	3½	2½	101.6	76.3	3.0	3.0	4.0	3.5	5.7	5.2	95.3	88.9	1.6	2.1	3.0
	50		2	101.6	60.5	3.0	2.8	4.0	3.5	5.7	3.9	95.3	82.6	1.5	2.0	2.9
90	40	3½	1½	101.6	48.6	3.0	2.8	4.0	3.0	5.7	3.7	95.3	79.4	1.5	2.0	2.8
	90		3½	114.3	101.6	3.0	3.0	4.0	4.0	6.0	5.7	104.8	101.6	2.1	2.7	4.1
100	80	4	3	114.3	89.1	3.0	3.0	4.0	4.0	6.0	5.5	104.8	98.4	2.0	2.6	4.0
	65		2½	114.3	76.3	3.0	3.0	4.0	3.5	6.0	5.2	104.8	95.3	2.0	2.5	3.9
100	50	4	2	114.3	60.5	3.0	2.8	4.0	3.5	6.0	3.9	104.8	88.9	1.9	2.5	3.7
	40		1¼	114.3	48.6	3.0	2.8	4.0	3.0	6.0	3.7	104.8	85.7	1.8	2.4	3.6
100	100	5	4	139.8	114.3	3.4	3.0	5.0	4.0	6.6	6.0	123.8	117.5	3.3	4.7	6.4
	90		3½	139.8	101.6	3.4	3.0	5.0	4.0	6.6	5.7	123.8	114.3	3.2	4.6	6.2
125	80	5	3	139.8	89.1	3.4	3.0	5.0	4.0	6.6	5.5	123.8	111.1	3.1	4.5	6.1
	65		2½	139.8	76.3	3.4	3.0	5.0	3.5	6.6	5.2	123.8	108.0	3.1	4.5	5.9
125	50	5	2	139.8	60.5	3.4	2.8	5.0	3.5	6.6	3.9	123.8	104.8	3.0	4.4	5.8
	125		5	165.2	139.8	3.4	3.4	5.0	5.0	7.1	6.6	142.9	136.5	4.5	6.4	9.4
150	100	6	4	165.2	114.3	3.4	3.0	5.0	4.0	7.1	6.0	142.9	130.2	4.3	6.2	9.0
	90		3½	165.2	101.6	3.4	3.0	5.0	4.0	7.1	5.7	142.9	127.0	4.3	6.1	8.8
150	80	6	3	165.2	89.1	3.4	3.0	5.0	4.0	7.1	5.5	142.9	123.8	4.2	6.1	8.7
	65		2½	165.2	76.3	3.4	3.0	5.0	3.5	7.1	5.2	142.9	120.7	4.1	6.0	8.6
200	150	8	6	216.3	165.2	4.0	3.4	6.5	5.0	8.2	7.1	177.8	168.3	8.4	13.2	17.2
	125		5	216.3	139.8	4.0	3.4	6.5	5.0	8.2	6.6	177.8	161.9	8.2	13.0	16.7
200	100	8	4	216.3	114.3	4.0	3.0	6.5	4.0	8.2	6.0	177.8	155.6	7.9	12.8	16.2
	90		3½	216.3	101.6	4.0	3.0	6.5	4.0	8.2	5.7	177.8	152.4	7.9	12.7	16.1
250	200	10	8	267.4	216.3	4.0	4.0	6.5	6.5	9.3	8.2	215.9	203.2	12.8	19.9	29.4
	150		6	267.4	165.2	4.0	3.4	6.5	5.0	9.3	7.1	215.9	193.7	12.2	19.4	28.1
250	125	10	5	267.4	139.8	4.0	3.4	6.5	5.0	9.3	6.6	215.9	190.5	12.0	19.2	27.7
	100		4	267.4	114.3	4.0	3.0	6.5	4.0	9.3	6.0	215.9	184.2	11.8	19.0	27.2
300	250	12	10	318.5	267.4	4.5	4.0	6.5	6.5	10.3	9.3	254.0	241.3	20.1	28.3	46.0
	200		8	318.5	216.3	4.5	4.0	6.5	6.5	10.3	8.2	254.0	228.6	19.4	27.5	44.0
300	150	12	6	318.5	165.2	4.5	3.4	6.5	5.0	10.3	7.1	254.0	219.1	18.7	27.0	42.7
	125		5	318.5	139.8	4.5	3.4	6.5	5.0	10.3	6.6	254.0	215.9	18.6	26.7	42.3
350	300	14	12	355.6	318.5	5.0	4.5	8.0	6.5	11.1	10.3	279.4	269.9	27.7	42.7	61.7
	250		10	355.6	267.4	5.0	4.0	8.0	6.5	11.1	9.3	279.4	257.2	26.5	41.7	59.1
350	200	14	8	355.6	216.3	5.0	4.0	8.0	6.5	11.1	8.2	279.4	247.7	25.9	41.0	57.3
	150		6	355.6	165.2	5.0	3.4	8.0	5.0	11.1	7.1	279.4	238.1	25.3	40.3	56.0
400	350	16	14	406.4	355.6	5.0	5.0	8.0	8.0	12.7	11.1	304.8	304.8	35.0	53.3	87.4
	300		12	406.4	318.5	5.0	4.5	8.0	6.5	12.7	10.3	304.8	295.3	33.8	52.5	85.0
400	250	16	10	406.4	267.4	5.0	4.0	8.0	6.5	12.7	9.3	304.8	282.6	32.6	51.5	82.4
	400		16	457.2	406.4	5.0	5.0	8.0	8.0	14.3	12.7	342.9	330.2	43.8	67.0	123.6
450	350	18	14	457.2	355.6	5.0	5.0	8.0	8.0	14.3	11.1	342.9	330.2	43.2	66.4	120.6
	300		12	457.2	318.5	5.0	4.5	8.0	6.5	14.3	10.3	342.9	320.2	41.9	65.5	118.1
450	250	18	10	457.2	267.4	5.0	4.0	8.0	6.5	14.3	9.3	342.9	308.0	40.8	64.5	115.6
	450		18	508.0	457.2	5.5	5.0	9.5	8.0	15.1	14.3	381.0	368.3	59.0	100.3	159.6
500	400	20	16	508.0	406.4	5.5	5.0	9.5	8.0	15.1	12.7	381.0	355.6	57.6	96.1	154.2
	350		14	508.0	355.6	5.5	5.0	9.5	8.0	15.1	11.1	381.0	355.6	57.0	97.1	151.2
500	300	20	12	508.0	318.5	5.5	4.5	9.5	6.5	15.1	10.3	381.0	346.1	57.0	93.4	146.3
	250		10	508.0	267.4	5.5	4.0	9.5	6.5	15.1	9.3	381.0	333.4	54.6	93.3	145.6
550	200	22	8	508.0	216.3	5.5	4.0	9.5	6.5	15.1	8.2	381.0	323.9	54.0	92.4	144.5
	500		20	558.8	508.0	5.5	5.5	9.5	9.5	15.9	15.1	491.1	406.4	83.4	137.6	239.7
550	450	22	18	558.8	457.2	5.5	5.0	9.5	8.0	15.9	14.3	491.1	393.7	81.1	136.0	234.1
	400		16	558.8	406.4	5.5	5.0	9.5	8.0	15.9	12.7	491.1	381.0	79.7	134.5	228.6
600	550	24	22	609.6	558.8	6.5	5.5	9.5	9.5	17.5	15.9	431.8	431.8	94.2	134.9	255.4
	500		20	609.6	508.0	6.5	5.5	9.5	9.5	17.5	15.1	431.8	431.8	93.3	133.9	251.6
650	450	26	1													

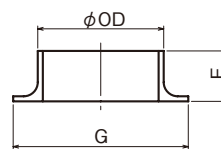
ラップジョイント LJ (JIS タイプ 5K・10K)



5K



10K



単位:mm

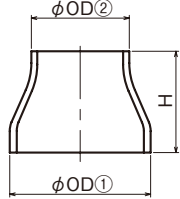
単位:kg

呼び径		外径	厚み			ツバ径 G		長さ
(A)	(B)	OD	Sch10S	Sch20S	Sch40	5K	10K	F
10	$\frac{3}{8}$	17.3	1.65	2.0	2.3	39	46	30
15	$\frac{1}{2}$	21.7	2.1	2.5	2.8	44	51	30
20	$\frac{3}{4}$	27.2	2.1	2.5	2.9	49	56	30
25	1	34.0	2.8	3.0	3.4	59	67	50
32	1 $\frac{1}{4}$	42.7	2.8	3.0	3.6	70	76	50
40	1 $\frac{1}{2}$	48.6	2.8	3.0	3.7	75	81	50
50	2	60.5	2.8	3.5	3.9	85	96	50
65	2 $\frac{1}{2}$	76.3	3.0	3.5	5.2	110	116	50
80	3	89.1	3.0	4.0	5.5	121	126	50
90	3 $\frac{1}{2}$	101.6	3.0	4.0	5.7	131	136	50
100	4	114.3	3.0	4.0	6.0	141	151	50
125	5	139.8	3.4	5.0	6.6	176	182	50
150	6	165.2	3.4	5.0	7.1	206	212	50
200	8	216.3	4.0	6.5	8.2	252	262	65
250	10	267.4	4.0	6.5	9.3	317	324	65
300	12	318.5	4.5	6.5	10.3	360	368	65
350	14	355.6	5.0	8.0	11.1	403	413	75
400	16	406.4	5.0	8.0	12.7	463	475	75
450	18	457.2	5.0	8.0	14.3	523	530	75
500	20	508.0	5.5	9.5	15.1	573	585	75
550	22	558.8	5.5	9.5	15.9	630	640	75
600	24	609.6	6.5	9.5	17.5	680	690	75

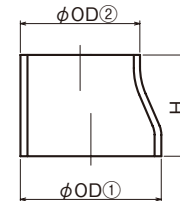
概略重量 (JIS 10K の場合)		
Sch10S	Sch20S	Sch40
0.1	0.1	0.1
0.1	0.1	0.1
0.1	0.1	0.1
0.2	0.2	0.2
0.2	0.2	0.3
0.2	0.3	0.3
0.3	0.4	0.4
0.4	0.5	0.7
0.5	0.6	0.9
0.5	0.7	1.0
0.6	0.8	1.2
0.9	1.3	1.7
1.1	1.6	2.2
1.9	3.1	3.9
2.5	4.1	5.8
3.3	4.7	7.3
4.7	7.4	10.2
5.6	9.0	14.2
6.5	10.3	18.3
8.1	13.9	21.9
9.0	15.5	25.8
11.6	16.9	30.8

※JPI 規格の取り扱いもございます。

同芯レジャーサー R(C)



偏芯レジャーサー R(E)

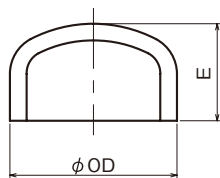


単位:mm												単位:kg					
呼び径				外径		厚み								端面から 端面までの 距離 H	概略重量		
(A)		(B)				Sch10S		Sch20S		Sch40		Sch10S	Sch20S		Sch40		
OD①	OD②	OD①	OD②	OD①	OD②	①	②	①	②	①	②						
15	10	1/2	3/8	21.7	17.3	2.1	1.65	2.5	2.0	2.8	2.3	38.1					
20	15	3/4	1/2	27.2	21.7	2.1	2.1	2.5	2.5	2.9	2.8	38.1	0.1	0.1	0.1		
	10	3/4	3/8	27.2	17.3	2.1	1.65	2.5	2.0	2.9	2.3	38.1	0.1	0.1	0.1		
	20		3/4	34.0	27.2	2.8	2.1	3.0	2.5	3.4	2.9	50.8	0.1	0.1	0.1		
25	15	1	1/2	34.0	21.7	2.8	2.1	3.0	2.5	3.4	2.8	50.8	0.1	0.1	0.1		
	10		3/8	34.0	17.3	2.8	1.65	3.0	2.0	3.4	2.3	50.8	0.1	0.1	0.1		
32	25		1	42.7	34.0	2.8	2.8	3.0	3.0	3.6	3.4	50.8	0.1	0.1	0.2		
	20	1 1/4	3/4	42.7	27.2	2.8	2.1	3.0	2.5	3.6	2.9	50.8	0.1	0.1	0.1		
	15		3/4	42.7	21.7	2.8	2.1	3.0	2.5	3.6	2.8	50.8	0.1	0.1	0.1		
	10		3/8	42.7	17.3	2.8	1.65	3.0	2.0	3.6	2.3	50.8	0.1	0.1	0.1		
40	32	1 1/2	1 1/4	48.6	42.7	2.8	2.8	3.0	3.0	3.7	3.6	63.5	0.2	0.2	0.2		
	25		1	48.6	34.0	2.8	2.8	3.0	3.0	3.7	3.4	63.5	0.2	0.2	0.2		
	20		3/4	48.6	27.2	2.8	2.1	3.0	2.5	3.7	2.9	63.5	0.2	0.2	0.2		
	15	1/2	48.6	21.7	2.8	2.1	3.0	2.5	3.7	2.8	63.5	0.1	0.2	0.2			
50	40	2	1 1/2	60.5	48.6	2.8	2.8	3.5	3.0	3.9	3.7	76.2	0.3	0.3	0.4		
	32		1 1/4	60.5	42.7	2.8	2.8	3.5	3.0	3.9	3.6	76.2	0.3	0.3	0.4		
	25		1	60.5	34.0	2.8	2.8	3.5	3.0	3.9	3.4	76.2	0.2	0.3	0.3		
	20	3/4	60.5	27.2	2.8	2.1	3.5	2.5	3.9	2.9	76.2	0.2	0.3	0.3			
65	15	2 1/2	1 1/2	60.5	21.7	2.8	2.1	3.5	2.5	3.9	2.8	76.2	0.2	0.3	0.3		
	50		2	76.3	60.5	3.0	2.8	3.5	3.5	5.2	3.9	88.9	0.4	0.5	0.7		
	40		1 1/2	76.3	48.6	3.0	2.8	3.5	3.0	5.2	3.7	88.9	0.4	0.5	0.7		
	32	1 1/4	76.3	42.7	3.0	2.8	3.5	3.0	5.2	3.6	88.9	0.4	0.4	0.6			
80	25	3	1	76.3	34.0	3.0	2.8	3.5	3.0	5.2	3.4	88.9	0.4	0.4	0.6		
	65		2 1/2	89.1	76.3	3.0	3.0	4.0	3.5	5.5	5.2	88.9	0.5	0.7	0.9		
	50		2	89.1	60.5	3.0	2.8	4.0	3.5	5.5	3.9	88.9	0.5	0.6	0.9		
	40	1 1/2	89.1	48.6	3.0	2.8	4.0	3.0	5.5	3.7	88.9	0.4	0.6	0.8			
90	32	3 1/2	1 1/4	89.1	42.7	3.0	2.8	4.0	3.0	5.5	3.6	88.9	0.4	0.6	0.8		
	25		1	89.1	34.0	3.0	2.8	4.0	3.0	5.5	3.4	88.9	0.4	0.5	0.7		
	80		3	101.6	89.1	3.0	3.0	4.0	4.0	5.7	5.5	101.6	0.7	0.9	1.3		
	65	2 1/2	101.6	76.3	3.0	3.0	4.0	3.5	5.7	5.2	101.6	0.7	0.9	1.2			
100	50	4	2	101.6	60.5	3.0	2.8	4.0	3.5	5.7	3.9	101.6	0.6	0.8	1.1		
	40		1 1/2	101.6	48.6	3.0	2.8	4.0	3.0	5.7	3.7	101.6	0.6	0.7	1.0		
	90		3 1/2	114.3	101.6	3.0	3.0	4.0	4.0	6.0	5.7	101.6	0.8	1.1	1.6		
	80	3	114.3	89.1	3.0	3.0	4.0	4.0	6.0	5.5	101.6	0.8	1.0	1.5			
125	65	5	2 1/2	114.3	76.3	3.0	3.0	4.0	3.5	6.0	5.2	101.6	0.7	0.9	1.4		
	50		2	114.3	60.5	3.0	2.8	4.0	3.5	6.0	3.9	101.6	0.7	0.9	1.3		
	40		1 1/2	114.3	48.6	3.0	2.8	4.0	3.0	6.0	3.7	101.6	0.6	0.8	1.2		
	100	4	139.8	114.3	3.4	3.0	5.0	4.0	6.6	6.0	127.0	1.3	1.9	2.5			
150	90	6	3 1/2	139.8	101.6	3.4	3.0	5.0	4.0	6.6	5.7	127.0	1.3	1.9	2.4		
	80		3	139.8	89.1	3.4	3.0	5.0	4.0	6.6	5.5	127.0	1.2	1.8	2.3		
	65		2 1/2	139.8	76.3	3.4	3.0	5.0	3.5	6.6	5.2	127.0	1.2	1.7	2.2		
	50	2	139.8	60.5	3.4	2.8	5.0	3.5	6.6	3.9	127.0	1.1	1.6	2.1			
200	125	8	5	165.2	139.8	3.4	3.4	5.0	5.0	7.1	6.6	139.7	1.8	2.6	3.6		
	100		4	165.2	114.3	3.4	3.0	5.0	4.0	7.1	6.0	139.7	1.6	2.4	3.3		
	90		3 1/2	165.2	101.6	3.4	3.0	5.0	4.0	7.1	5.7	139.7	1.6	2.3	3.2		
	80	3	165.2	89.1	3.4	3.0	5.0	4.0	7.1	5.5	139.7	1.5	2.2	3.1			
250	65	10	2 1/2	165.2	76.3	3.4	3.0	5.0	3.5	7.1	5.2	139.7	1.5	2.1	3.0		
	150		6	216.3	165.2	4.0	3.4	6.5	5.0	8.2	7.1	152.4	2.9	4.6	5.8		
	125		5	216.3	139.8	4.0	3.4	6.5	5.0	8.2	6.6	152.4	2.7	4.4	5.5		
	100	4	216.3	114.3	4.0	3.0	6.5	4.0	8.2	6.0	152.4	2.6	4.1	5.2			
300	200	12	8	267.4	216.3	4.0	4.0	6.5	6.5	9.3	8.2	177.8	4.3	6.9	9.7		
	150		6	267.4	165.2	4.0	3.4	6.5	5.0	9.3	7.1	177.8	3.9	6.3	8.9		
	125		5	267.4	139.8	4.0	3.4	6.5	5.0	9.3	6.6	177.8	3.8	6.0	8.5		
	100	4	267.4	114.3	4.0	3.0	6.5	4.0	9.3	6.0	177.8	3.6	5.8	8.2			
350	250	14	10	318.5	267.4	4.5	4.0	6.5	6.5	10.3	9.3	203.2	6.6	9.5	14.9		
	200		8	318.5	216.3	4.5	4.0	6.5	6.5	10.3	8.2	203.2	6.2	8.9	13.9		
	150		6	318.5	165.2	4.5	3.4	6.5	5.0	10.3	7.1	203.2	5.8	8.3	12.9		
	100	4	355.6	318.5	5.0	4.5	8.0	6.5	11.1	10.3	330.2	13.7	21.7	29.9			
400	250	16	12	355.6	267.4	5.0	4.0	8.0	6.5	11.1	9.3	330.2	12.7	20.2	27.7		
	200		8	355.6	216.3	5.0	4.0	8.0	6.5	11.1	8.2	330.2	11.8	18.7	25.7		
	150		6	355.6	165.2	5.0	3.4	8.0	5.0	11.1	7.1	330.2	10.9	17.3	23.7		
	100	4	406.4	355.6	5.0	5.0	8.0	8.0	12.7	11.1	355.6	16.7	26.6	41.6			
450	300	18	12	406.4	318.5	5.0	4.5	8.0	6.5	12.7	10.3	355.6	16.0	25.4	39.7		
	250		10	406.4	267.4	5.0	4.0	8.0	6.5	12.7	9.3	355.6	15.0	23.8	37.2		
	200		8	406.4	216.3	5.0	4.0	8.0	6.5	12.7	8.2	355.6	14.1	22.3	34.8		
	100	4	457.2	406.4	5.0	5.0	8.0	8.0	14.3	12.7	381.0	20.3	32.3	56.9			
500	350	20	14	457.2	355.6	5.0	5.0	8.0	8.0	14.3	11.1	381.0	19.2	30.6	53.8		
	300		12	457.2	318.5	5.0	4.5	8.0	6.5	14.3	10.3	381.0	18.5	29.4	51.6		
	250		10	457.2	267.4	5.0	4.0	8.0	6.5	14.3	9.3	381.0	17.5	27.8	48.8		
	100	4	508.0	457.2	5.5	5.0	9.5	8.0	15.1	14.3	508.0	33.3	57.1	89.6			
550	400	22	16	508.0	406.4	5.5	5.0	9.5	8.0	15.1	12.7	508.0	31.6	54.2	85.1		
	350		14	508.0	355.6	5.5	5.0	9.5	8.0	15.1	11.1	508.0	30.0	51.4	80.7		
	300		12	508.0	318.5	5.5	4.5	9.5	6.5	15.1	10.3	508.0	28.9	49.5	77.5		
	100	4	558.8	508.0	5.5	5.5	9.5	9.5	15.9	15.1	508.0	36.8	63.2	104.5			
600	450	24	18	558.8	457.2	5.5	5.0	9.5	8.0	15.9	14.3	508.0	35.2	60.3	99.7		
	400		16	558.8	406.4	5.5	5.0	9.5	8.0	15.9	12.7	508.0	33.6	57.6	95.1		
	350		14	558.8	355.6	5.5	5.0	9.5	8.0	15.9	11.1	508.0	32.1	55.0	90.7		
	100	4	609.6	558.8	6.5	5.5	9.5	9.5	17.5	15.9	508.0	47.6	69.3	125.9			
650	500	26	20	609.6	508.0	6.5	5.5	9.5	9.5	17.5	15.1	508.0	45.7	66.5	120.7		
	450		18	609.6	457.2	6.5	5.0	9.5	8.0	17.5	14.3	508.0	43.9	63.8	115.8		
	400		16	609.6	406.4	6.5	5.0	9.5	8.0	17.5	12.7	508.0	42.1	61.2	111.0		
	100	4	660.4	609.6	8.0	6.5	12.7	9.5	18.9	17.5	609.6	76.3	120.4	—			
700	550	28	22	660.4	558.8	8.0	5.5	12.7	9.5	18.9	15.9	609.6	73.4	115.7	—		
	500		20	660.4	508.0	8.0	5.5	12.7	9.5	18.9	15.1	609.6	70.6	111.3	—		
	450		18	660.4	457.2	8.0	5.0	12.7	8.0	18.9	14.3	609.6	67.9	107.0	—		
	100	4	711.2	660.4	8.0	8.0	12.7	12.7	—	18.9	609.6	82.5	130.2	—			
750	600	30	24	711.2	609.6	8.0	6.5	12.7	9.5	—	17.5	609.6	79.6	125.6	—		
	550		22	711.2	558.8	8.0	5.5	12.7	9.5	—	15.9	609.6	76.8	121.2	—		
	500		20	711.2	508.0	8.0	5.5	12.7	9.5	—	15.1	609.6	74.2	116.9	—		
	100	4	762.0	711.2	8.0	8.0	12.7	12.7	—	—	609.6	88.7	140.0	—			
800	650	32	26	762.0	660.4	8.0	8.0	12.7	12.7	—	18.9	609.6	85.8	135.5	—		
	600		24	762.0	609.6	8.0	6.5	12.7	9.5	—	17.5	609.6	83.1	131.1	—		
	550		22	762.0	558.8	8.0	5.5	12.7	9.5	—	15.9	609.6	80.4	126.9	—		
	100	4	812.8	762.0	8.0	8.0	12.7	12.7	—	—	609.6	94.9	149.8	—			
850	700	34	30	812.8	711.2	8.0	8.0	12.7	12.7	—	—	609.6	92.0	145.3	—		
	650		26	812.8													

※上記以外の段落ちサイズもお問い合わせ下さい。

溶接キャップ CAP

単位:mm

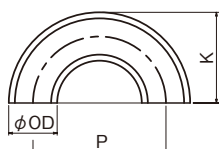


呼び径		外径	背から端面 までの距離	厚み					
				Sch10S		Sch20S		Sch40	
(A)	(B)	OD	E	内径	厚み	内径	厚み	内径	厚み
10	3/8	17.3	20.0	14.9	1.2	14.0	1.7	12.7	2.3
15	1/2	21.7	25.4	17.5	2.1	16.7	2.5	16.1	2.8
20	3/4	27.2	25.4	23.0	2.1	22.2	2.5	21.4	2.9
25	1	34.0	38.1	28.4	2.8	28.0	3.0	27.2	3.4
32	1 1/4	42.7	38.1	37.1	2.8	36.7	3.0	35.5	3.6
40	1 1/2	48.6	38.1	43.0	2.8	42.6	3.0	41.2	3.7
50	2	60.5	38.1	54.9	2.8	53.5	3.5	52.7	3.9
65	2 1/2	76.3	38.1	70.3	3.0	69.3	3.5	65.9	5.2
80	3	89.1	50.8	83.1	3.0	81.1	4.0	78.1	5.5
90	3 1/2	101.6	63.5	95.6	3.0	93.6	4.0	90.2	5.7
100	4	114.3	63.5	108.3	3.0	106.3	4.0	102.3	6.0
125	5	139.8	76.2	133.0	3.4	129.8	5.0	126.6	6.6
150	6	165.2	88.9	158.4	3.4	155.2	5.0	151.0	7.1
200	8	216.3	101.6	208.3	4.0	203.3	6.5	199.9	8.2
250	10	267.4	127.0	259.4	4.0	254.4	6.5	248.8	9.3
300	12	318.5	152.4	309.5	4.5	305.5	6.5	297.9	10.3
350	14	355.6	165.1	345.6	5.0	339.6	8.0	333.4	11.1
400	16	406.4	177.8	396.4	5.0	390.4	8.0	381.0	12.7
450	18	457.2	203.2	447.2	5.0	441.2	8.0	428.6	14.3
500	20	508.0	228.6	497.0	5.5	489.0	9.5	477.8	15.1
550	22	558.8	254.0	547.8	5.5	539.8	9.5	527.0	15.9
600	24	609.6	266.7	596.6	6.5	590.6	9.5	574.6	17.5
650	26	660.4	266.7	644.4	8.0	635.0	12.7	622.6	18.9

180°ロングエルボ 180E (L)

単位:mm

単位:kg



呼び径		外径	厚み			中心から中心 までの距離	背から端面 までの距離
			Sch10S	Sch20S	Sch40	P	K
10	3/8	—	—	—	—	—	—
15	1/2	21.7	2.1	2.5	2.8	76.2	49.0
20	3/4	27.2	2.1	2.5	2.9	76.2	51.7
25	1	34.0	2.8	3.0	3.4	76.2	55.1
32	1 1/4	42.7	2.8	3.0	3.6	95.2	69.0
40	1 1/2	48.6	2.8	3.0	3.7	114.4	81.5
50	2	60.5	2.8	3.5	3.9	152.4	106.5
65	2 1/2	76.3	3.0	3.5	5.2	190.6	133.5
80	3	89.1	3.0	4.0	5.5	228.6	158.9
90	3 1/2	101.6	3.0	4.0	5.7	266.8	184.2
100	4	114.3	3.0	4.0	6.0	304.8	209.6
125	5	139.8	3.4	5.0	6.6	381.0	260.4
150	6	165.2	3.4	5.0	7.1	457.2	311.2
200	8	216.3	4.0	6.5	8.2	609.6	413.0

概略重量		
Sch10S	Sch20S	Sch40
—	—	—
0.1	0.1	0.2
0.2	0.2	0.2
0.3	0.3	0.3
0.4	0.4	0.5
0.6	0.6	0.7
1.0	1.2	1.3
1.6	1.9	2.8
2.3	3.1	4.1
3.1	4.1	5.7
4.0	5.3	7.8
6.9	10.1	13.1
9.9	14.4	20.1
20.3	32.6	40.8

JIS B 2312・JIS B 2313 (寸法許容差)

単位:mm

管継手の種類	項目	呼び径					
		1/2～2 1/2	3～4	5～8	10～12	14～18	20～24
		許容差					
すべての管継手	端部の外径 (OD)	+1.6 －0.8	±1.6	+2.4 －1.6	+4.0 －3.2		+6.4 －4.8
	厚み	＋規定しない －12.5%					
ラップジョイント	ツバの径 (G)	+0 －0.8			+0 －1.6		
	長さ (F)	±1.6			±2.4		
レジュサー	端面から端面迄の距離 (H)	±1.6			±2.4		
90°エルボ 45°エルボ	中心から端面迄の距離 (H,F)	±1.6			±2.4		
180°エルボ	中心から中心迄の距離 (P)	±6.4			－		－
	背から端面迄の距離 (K)	±6.4			－		－
キャップ	背から端面迄の距離 (E)	±3.2		±6.4			
チーズ	中心から端面迄の距離 (C,M)	±1.6		±2.4			

※呼び径 26^B~ 36^Bの寸法許容差は別途お問い合わせ下さい。

ご要望の厚みをお申し付け下さい。標準材質 (SUS-304、316、316L、304L) 以外の対応も可能です。お気軽にお問い合わせ下さい。
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