

CS JIS FLANGE								CS DIN FLANGE & BSPT						
JIS	2k	5k	10k	16k	20k	30k	40k	6PN	10PN	16PN	25PN	40PN	BSP	DIN
3/8"		0.80	1.40	0.00	0.00	0.00	0.00	0.00	0.00	2.20	0.00	0.00	0.00	3/8"
1/2"		1.50	1.70	0.00	1.10	2.50	0.00	1.10	0.00	2.40	2.50	2.70	4.00	1/2"
3/4"		1.80	3.60	0.00	2.10	4.00	0.00	2.20	0.00	3.40	0.00	2.80	7.00	3/4"
1"		2.20	5.30	0.00	6.20	7.70	10.00	2.50	0.00	5.00	6.00	6.20	8.00	1"
1-1/4"		3.10	6.90	0.00	7.00	7.90	12.50	4.40	0.00	9.10	9.50	10.00	14.00	1-1/4"
1-1/2"		4.40	7.10	7.20	8.80	12.10	13.80	5.10	0.00	10.30	11.20	12.00	15.00	1-1/2"
2"		4.50	8.50	9.00	10.00	12.30	17.00	5.50	0.00	11.10	12.00	13.00	16.00	2"
2-1/2"		4.60	11.30	11.30	11.30	22.20	24.70	6.20	0.00	11.50	15.00	16.00	18.00	2-1/2"
3"		8.70	11.50	12.00	12.50	24.20	26.50	8.00	12.20	14.40	26.00	38.00	21.00	3"
3-1/2"		10.50	12.00	12.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3-1/2"
4"		10.80	12.50	15.00	17.30	35.60	51.10	9.30	0.00	17.50	40.00	45.00	22.00	4"
5"		12.50	19.20	19.50	19.80	50.80	58.30	13.00	0.00	20.80	54.00	55.00	28.00	5"
6"		16.00	24.00	27.80	28.00	51.00	85.00	16.00	0.00	27.30	73.00	75.00	35.00	6"
7"		19.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		7"
8"		30.00	31.00	45.00	46.00	74.00	120.00	19.00	35.60	41.50	80.00	78.00		8"
10"		41.00	46.10	70.00	76.00	112.00	175.00	31.00	44.20	60.80	121.00	125.00		10"
12"		49.00	92.00	95.00	115.00	120.00		41.00	51.60	76.50	128.00	130.00		12"
14"		57.00	69.00	143.00	152.00	0.00		63.00	58.70	111.00	202.00	306.00		14"
16"		65.00	70.00	163.00	217.00	0.00		108.00	150.00	155.00	280.00	434.00		16"
18"	75.00	89.00	92.00	250.00	0.00			125.00	144.00	184.00	0.00	0.00		18"
20"	81.00	90.00	107.00	300.00	300.00			119.00	172.00	270.00	315.00	767.00		20"
22"	0.00	132.00	135.00	0.00				0.00	0.00	0.00	0.00			22"
24"	114.00	376.00	168.00	375.00				160.00	222.00	395.00	400.00			24"
26"	0.00	153.00	170.00	0.00				0.00	0.00	0.00	0.00			26"
28"	133.00	144.00	271.00	480.00				281.00	243.00	420.00	461.00			28"
30"									0.00	0.00				30"
32"									393.00	570.00				32"
36"									325.00					36"
48"									840.00					48"

CS JIS BLIND								CS DIN BLIND & TABLE / E						
JIS	2k	5k	10k	16k	20k	30k	40k	6PN	10PN	16PN	25PN	40PN	TAB/E	DIN
3/8"		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	3/8"
1/2"		1.50	1.60	0.00	0.00	0.00	0.00	2.00	0.00	3.60	4.50	0.00	0.00	1/2"
3/4"		1.80	3.60	0.00	0.00	0.00	0.00	3.00	0.00	5.00	6.30	0.00	0.00	3/4"
1"		2.80	5.20	0.00	0.00	9.00	0.00	3.80	0.00	6.50	8.20	0.00	0.00	1"
1-1/4"		3.90	4.30	0.00	0.00	9.50	0.00	5.40	0.00	8.20	10.30	0.00	0.00	1-1/4"
1-1/2"		4.50	7.00	0.00	0.00	15.00	0.00	6.40	0.00	9.70	12.20	0.00	4.00	1-1/2"
2"		6.80	9.60	10.00	12.00	16.00	0.00	7.40	0.00	11.30	13.00	0.00	6.20	2"
2-1/2"		8.00	18.00	18.50	19.00	26.00	0.00	7.80	0.00	14.80	16.40	0.00	7.00	2-1/2"
3"		8.90	18.50	19.00	20.00	32.00	0.00	10.00	18.00	17.30	18.80	0.00	8.40	3"
3-1/2"		10.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3-1/2"
4"		12.90	19.00	23.00	28.00	36.00	40.00	16.00	0.00	22.30	29.20	0.00	13.00	4"
5"		17.60	27.50	42.00	0.00	52.00	0.00	18.00	0.00	32.70	45.00	0.00	18.00	5"
6"		26.20	36.50	50.00	60.00	85.00	113.00	27.30	0.00	38.00	53.40	65.00	19.00	6"
7"		34.20	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	7"
8"		49.30	51.20	66.50				44.70	77.00	68.00	102.30	106.00	35.00	8"
10"		69.70	82.00	113.70				67.20	93.60	104.00	138.00	147.00	45.00	10"
12"		90.00	107.00	185.00				92.60	119.00	107.00	157.00	250.00	58.00	12"
14"		114.00	148.00	200.00				115.50	120.00	203.00	306.00		86.00	14"
16"		142.00	200.00	358.00				139.80	213.00	223.00	387.00		97.00	16"
18"		226.00	263.00	438.00				146.30	236.00	267.00	635.00		0.00	18"
20"		247.00	307.00	604.00				191.00	322.00	530.00	794.00		0.00	20"
22"		249.00	324.00	0.00					0.00	0.00				22"
24"		298.00	521.00	740.00					474.00	580.00				24"
26"		540.00	0.00	0.00					0.00					26"
28"		547.00	0.00	0.00					715.00					28"
30"		0.00	0.00	0.00					0.00					30"
32"									1280.00					32"
36"									1560.00					36"

CS DIN WNR 10 & 16

DIN	WN6	WN10				WN16				DIN
	S40	STD	S40	XS	S80	STD	S40	XS	S80	
1/2"	0.00	0.00	0.00	0.00	0.00	0.00	3.70	0.00	5.00	1/2"
3/4"	0.00	0.00	0.00	0.00	0.00	0.00	5.30	0.00	6.30	3/4"
1"	18.00	0.00	0.00	0.00	0.00	0.00	5.20	0.00	10.50	1"
1-1/4"	21.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	11.80	1-1/4"
1-1/2"	23.00	0.00	0.00	0.00	0.00	0.00	8.50	0.00	14.70	1-1/2"
2"	26.50	0.00	0.00	0.00	0.00	0.00	11.20	0.00	16.00	2"
2-1/2"	39.00	0.00	0.00	0.00	0.00	0.00	13.70	0.00	25.00	2-1/2"
3"	46.00	0.00	0.00	0.00	0.00	0.00	15.50	0.00	28.00	3"
3-1/2"	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3-1/2"
4"	55.00	0.00	0.00	0.00	0.00	0.00	21.00	0.00	32.00	4"
5"	60.00	0.00	0.00	0.00	0.00	0.00	29.00	0.00	36.00	5"
6"	68.00	0.00	0.00	0.00	0.00	0.00	36.00	0.00	52.00	6"
7"	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7"
8"	90.00	0.00	67.00	0.00	88.00	0.00	69.00	0.00	76.00	8"
10"	134.00	86.00	89.00	0.00	113.00	0.00	89.00	0.00	107.00	10"
12"	170.00	0.00	91.00	0.00	125.00	0.00	120.00	0.00	380.00	12"
14"	179.00	133.00	94.00	147.00	190.00	0.00	182.00	190.00	0.00	14"
16"	0.00	170.00	396.00	180.00	210.00	0.00	227.00	230.00	0.00	16"
18"	0.00	180.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18"
20"	0.00	0.00	230.00	0.00	0.00	0.00	505.00	0.00	0.00	20"
22"	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22"
24"	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24"

CS DIN WNR 25 & 40 & 64 & 160

DIN	WN25		WN40		WN64	160 FF	WN160	DIN
	S40	S80	S40	S80	S80	SOFF	S80	
1/2"	0.00	0.00	5.50	3.30	0.00	63.00	13.00	1/2"
3/4"	0.00	0.00	6.50	6.70	0.00	0.00	19.00	3/4"
1"	0.00	0.00	8.00	8.40	0.00	70.00	37.00	1"
1-1/4"	11.00	0.00	12.00	12.20	0.00	0.00	47.00	1-1/4"
1-1/2"	12.00	0.00	13.00	14.20	0.00	87.00	65.00	1-1/2"
2"	0.00	0.00	16.00	16.80	31.00	97.00	93.00	2"
2-1/2"	21.00	0.00	21.30	21.50	41.00	126.00	116.00	2-1/2"
3"	26.00	0.00	28.00	30.00	47.00	154.00	149.00	3"
3-1/2"	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3-1/2"
4"	0.00	0.00	36.00	37.00	63.00	224.00	220.00	4"
5"	0.00	0.00	49.00	52.00	76.00	0.00	0.00	5"
6"	184.00	218.00	65.00	68.00	0.00	0.00	0.00	6"
7"	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7"
8"	93.00	328.00	180.00	716.00	0.00	0.00	0.00	8"
10"	130.00	500.00	183.00	0.00	0.00	0.00	0.00	10"
12"	0.00	0.00	688.00	0.00	0.00	0.00	0.00	12"

CS 600# FLANGE & BLIND & RTJ

600#	SORF	NPTRF	SWRF	WN80	WN160	WNXXS	RTJ80	RTJXXS	BLRF	RTJBL	600#
1/2"	3.50	3.90	4.50	5.00	0.00	0.00	0.00	0.00	3.70	6.60	1/2"
3/4"	7.50	8.40	7.00	9.00	0.00	0.00	0.00	0.00	5.70	9.20	3/4"
1"	10.00	9.30	9.50	10.50	8.50	12.00	8.00	0.00	7.00	10.00	1"
1-1/4"	11.00	9.00	14.00	16.00	0.00	16.00	0.00	0.00	8.50	0.00	1-1/4"
1-1/2"	20.00	16.00	17.00	18.00	19.00	22.00	21.00	0.00	14.00	17.00	1-1/2"
2"	22.00	18.30	18.00	26.00	27.00	28.00	26.00	27.00	16.70	21.00	2"
2-1/2"	35.00	23.00	33.00	31.00	32.00	40.00	0.00	0.00	25.00	0.00	2-1/2"
3"	42.00	31.00	37.00	47.00	50.00	52.00	45.00	51.00	35.40	38.00	3"
3-1/2"	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	3-1/2"
4"	53.00	63.00		97.00	103.00	107.00	88.00	100.00	71.00	76.00	4"
5"	131.00			0.00		182.00	0.00		147.00	0.00	5"
6"	132.00			207.00		220.00	176.00		149.00	170.00	6"
8"	227.00			297.00		0.00	270.00		224.00	252.00	8"
10"	310.00								406.00	418.00	10"
12"	370.00								507.00	430.00	12"

CS 900# FLANGE & BLIND & RTJ

900#	WN80	WN160	WNXXS	NPT	RTJ80	RTJ160	RTJXXS	BLRF	RTJBL	900#
1/2"	0.00	0.00	0.00				0.00	0.00	0.00	1/2"
3/4"	0.00	0.00	0.00				0.00	0.00	0.00	3/4"
1"	0.00	0.00	0.00				0.00	0.00	0.00	1"
1-1/4"	0.00	0.00	0.00				0.00	0.00	0.00	1-1/4"
1-1/2"	0.00	0.00	0.00				0.00	0.00	0.00	1-1/2"
2"	0.00	0.00	0.00	48.00			0.00	0.00	0.00	2"
2-1/2"	0.00	0.00	0.00				0.00	0.00	0.00	2-1/2"
3"	75.00	80.00	86.00				91.00	55.00	70.00	3"
3-1/2"	0.00	0.00	0.00				0.00	0.00	0.00	3-1/2"
4"	124.00	130.00	135.00				150.00	95.00	116.00	4"
5"	0.00	0.00	0.00				0.00	0.00	0.00	5"
6"	230.00	240.00	300.00				320.00	196.00	198.00	6"
8"	0.00	0.00	480.00				540.00	303.00	347.00	8"
10"										10"
12"										12"

CS 1500# FLANGE & BLIND & RTJ

1500#	WN80	WN160	WNXXS	RTJ80	RTJ160	RTJXXS	BLRF	RTJBL
1/2"	9.50	0.00	0.00	0.00	0.00	0.00	10.00	0.00
3/4"	10.00	0.00	0.00	0.00	0.00	0.00	14.00	0.00
1"	18.00	21.00	25.00	20.00	20.00	27.00	16.00	16.00
1-1/4"	0.00	24.00	26.00	0.00	23.00	28.00	23.00	0.00
1-1/2"	35.00	41.00	51.00	31.00	31.00	29.00	29.00	26.00
2"	60.00	75.00	61.00	57.00	69.00	67.00	44.00	54.00
2-1/2"	62.00	0.00	78.00	0.00	0.00	93.00	79.00	0.00
3"	89.00	104.00	105.00	98.00	118.00	121.00	83.00	87.00
3-1/2"	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4"	161.00	174.00	179.00	153.00	178.00	190.00	126.00	161.00
5"	298.00				0.00	0.00	271.00	0.00
6"	368.00				0.00	440.00	300.00	370.00
8"							495.00	660.00
10"								
12"								

CS 2500# RTJ

RTJXXS	RTJBL	2500#
		1/2"
		3/4"
		1"
		1-1/4"
		1-1/2"
73.00	64.00	2"
		2-1/2"
163.00	160.00	3"
		3-1/2"
240.00	210.00	4"
		5"
		6"
		8"
		10"
		12"