

ISA**SALES &
SERVICE**

7465 Industrial Blvd.
 Chesterton, IN 46304
 Phone: 219-764-5061
 Fax: 219-764-5061
 Email: sales@isass.net
 www.isass.net

Number of Convolution

Use this chart to find the number of convolutions required when the flange width and the open length is known. The figures in the body of the chart are the convolutions needed for the open length shown in inches at the top and the flange widths shown at the left side.

Chart of Convolution																				
Open Length in Inches																				
Flange Width	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
.750"	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
.875"	2	4	6	7	9	11	12	14	16	18	19	21	23	25	26	28	30	31	33	35
1.000"	2	3	5	6	8	9	11	13	14	16	17	19	20	22	23	25	26	28	29	31
1.125"	2	3	4	6	7	8	10	11	12	14	15	16	18	19	20	21	23	24	26	27
1.250"	2	3	4	5	6	8	9	10	11	12	14	15	16	17	18	20	21	22	23	24
1.375"	2	3	4	5	6	7	8	9	10	11	12	14	15	16	17	18	19	20	21	22
1.500"	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1.625"	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14	15	16	17	18	19
1.750"	1	2	3	4	5	6	6	7	8	9	10	11	12	12	13	14	15	16	17	18
1.875"	1	2	3	4	4	5	6	7	8	8	9	10	11	12	12	13	14	15	16	17
2.000"	1	2	3	3	4	5	6	6	7	8	9	9	10	11	12	13	13	14	15	16
2.250"	1	2	2	3	4	5	5	6	6	7	8	8	9	10	10	11	12	12	13	14
2.500"	1	2	2	3	3	4	5	5	6	6	7	8	8	9	10	10	11	11	12	13
2.750"	1	2	2	3	3	4	4	5	5	6	6	7	8	8	9	9	10	10	11	11

Open Length in Inches																				
Flange Width	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
.750"	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80
.875"	37	38	40	42	44	45	47	49	50	52	54	56	57	59	61	62	64	66	68	69
1.000"	32	34	35	37	38	40	41	43	44	46	47	49	50	52	53	55	57	58	59	61
1.125"	28	30	31	32	34	35	36	38	39	40	42	43	44	46	47	48	50	51	52	54
1.250"	26	27	28	29	31	32	33	34	35	37	38	39	40	41	43	44	45	46	47	49
1.375"	23	25	26	27	28	29	30	31	32	33	34	36	37	37	39	40	41	42	43	44
1.500"	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1.625"	20	21	22	23	24	25	26	27	28	29	29	30	31	32	33	34	35	36	37	38
1.750"	19	19	20	21	22	23	24	25	25	26	27	28	29	30	31	31	32	33	34	35
1.875"	17	18	19	20	21	21	22	23	24	25	25	26	27	28	29	30	30	31	32	33
2.000"	16	17	18	19	19	20	21	22	22	23	24	25	25	26	27	28	28	29	30	31
2.250"	15	15	16	17	17	18	19	19	20	21	21	22	23	23	24	25	25	26	27	27
2.500"	13	14	14	15	16	16	17	17	18	19	19	20	20	21	22	22	23	24	24	25
2.750"	12	13	13	14	14	15	15	16	16	17	17	18	19	19	20	20	21	21	22	22