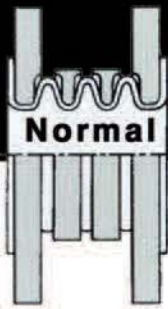
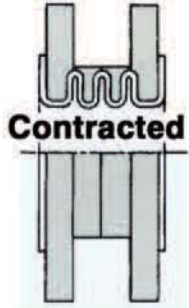


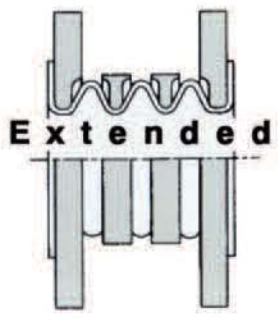
FLEXIJOINT®



Normal



Contracted



Extended

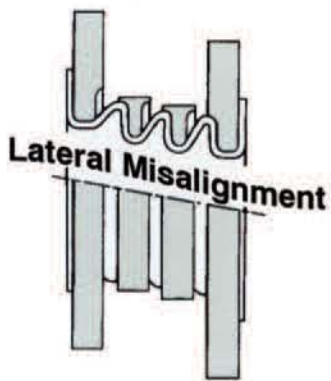
LENGTHS (NORMAL, CONTRACTED, EXTENDED)

SIZE In.	2 convolutions		3 convolutions		4 convolutions		5 convolutions		6 convo
	NORMAL LENGTH	PLUS OR MINUS TRAVEL	NORMAL LENGTH	PLUS OR MINUS TRAVEL	NORMAL LENGTH	PLUS OR MINUS TRAVEL	NORMAL LENGTH	PLUS OR MINUS TRAVEL	NORMAL LENGTH
1/2	1.61	0.31	2.17	0.47	2.68	0.63	3.23	0.79	3.78
3/4	1.61	0.31	2.20	0.47	2.72	0.63	3.27	0.79	3.82
1	1.73	0.35	2.32	0.51	2.91	0.67	3.50	0.83	4.06
1-1/4	1.77	0.35	2.36	0.51	2.95	0.67	3.54	0.83	4.17
1-1/2	1.81	0.35	2.40	0.51	3.00	0.67	3.62	0.87	4.21
2	1.89	0.35	2.52	0.51	3.11	0.71	3.74	0.87	4.37
2-1/2	2.13	0.39	2.80	0.59	3.54	0.83	4.25	0.98	4.92
3	2.20	0.39	2.91	0.63	3.62	0.83	4.37	1.02	5.08
4	2.28	0.43	3.07	0.67	3.82	0.87	4.57	1.10	5.35
5	2.41	0.47	3.22	0.69	4.03	0.91	4.84	1.16	5.83
6	2.53	0.47	3.38	0.72	4.19	0.97	5.03	1.19	5.88
8	2.75	0.53	3.66	0.78	4.59	1.06	5.50	1.31	6.41
10	2.97	0.56	3.94	0.84	4.94	1.13	5.94	1.41	6.91
12	3.19	0.59	4.25	0.91	5.31	1.22	6.38	1.53	7.44
14	3.38	0.63	4.47	0.97	5.59	1.28	6.72	1.59	7.84
16	3.69	0.69	4.91	1.06	6.13	1.41	7.34	1.75	8.56
18	4.00	0.75	5.34	1.16	6.69	1.53	8.03	1.91	9.34
20	4.16	0.78	5.53	1.19	6.94	1.59	8.31	1.97	9.69
24	4.66	0.88	6.22	1.34	7.78	1.78	9.31	2.22	10.88
28	5.12	1.00	6.89	1.50	8.54	2.00	10.31	2.44	12.00
30	5.63	1.06	7.53	1.63	9.41	2.16	11.31	2.69	13.19
32	5.63	1.06	7.53	1.63	9.41	2.16	11.31	2.69	13.19
36	6.31	1.25	8.44	1.84	10.53	2.41	12.63	2.84	14.75
42	7.00	1.38	9.38	2.00	11.69	2.69	14.00	3.38	16.38

ANGULAR & LATERAL MISALIGNMENT



Angular Misalignment



Lateral Misalignment

SIZE In.	2 convolutions		3 convolutions		4 convolutions		5 convolutions		6 convo
	ANGULAR	LATERAL	ANGULAR	LATERAL	ANGULAR	LATERAL	ANGULAR	LATERAL	ANGULAR
1/2	19°	0.24	28°	0.35	37°	0.47	45°	0.55	53°
3/4	17°	0.24	25°	0.35	34°	0.47	41°	0.59	49°
1	16°	0.24	24°	0.39	31°	0.51	39°	0.63	45°
1-1/4	14°	0.24	21°	0.39	28°	0.51	34°	0.63	41°
1-1/2	13°	0.24	20°	0.39	26°	0.51	32°	0.67	40°
2	12°	0.28	17°	0.39	23°	0.51	29°	0.67	34°
2-1/2	11°	0.31	17°	0.47	22°	0.59	28°	0.75	33°
3	10°	0.31	15°	0.47	20°	0.63	25°	0.79	30°
4	9°	0.31	13°	0.51	17°	0.67	21°	0.83	26°
5	8°	0.34	11°	0.53	15°	0.69	19°	0.88	23°
6	7°	0.38	10°	0.53	14°	0.72	17°	0.91	20°
8	6°	0.41	9°	0.59	12°	0.78	15°	0.97	18°
10	5°	0.44	8°	0.63	11°	0.84	13°	1.06	16°
12	5°	0.47	7°	0.69	10°	0.91	12°	1.13	14°
14	5°	0.47	7°	0.72	9°	0.97	12°	1.19	14°
16	5°	0.53	7°	0.78	9°	1.06	11°	1.31	13°
18	4°	0.56	7°	0.88	9°	1.16	11°	1.44	13°
20	4°	0.59	6°	0.91	8°	1.19	10°	1.50	12°
24	4°	0.66	6°	1.00	8°	1.34	10°	1.66	12°
28	4°	0.75	6°	1.14	8°	1.46	10°	1.81	12°
30	4°	0.81	6°	1.19	8°	1.63	10°	2.00	12°
32	4°	0.81	6°	1.19	8°	1.63	10°	2.00	12°
36	4°	0.94	6°	1.38	8°	1.81	10°	2.25	12°
42	2°	1.00	4°	1.50	6°	2.00	8°	2.50	10°

QUICK SELECTION GUIDE

7 convolutions	7 convolutions		8 convolutions		9 convolutions		10 convolutions		11 convolutions		12 convolutions	
	PLUS OR MINUS TRAVEL	NORMAL LENGTH	PLUS OR MINUS TRAVEL	NORMAL LENGTH	PLUS OR MINUS TRAVEL	NORMAL LENGTH	PLUS OR MINUS TRAVEL	NORMAL LENGTH	PLUS OR MINUS TRAVEL	NORMAL LENGTH	PLUS OR MINUS TRAVEL	NORMAL LENGTH
0.94	4.33	1.06	4.84	1.22	5.39	1.38	5.94	1.54	6.50	1.69	7.06	1.84
0.94	4.37	1.10	4.92	1.26	5.47	1.42	5.98	1.57	6.56	1.72	7.13	1.88
0.98	4.65	1.14	5.24	1.30	5.83	1.50	6.42	1.65	7.00	1.81	7.59	2.00
1.02	4.76	1.18	5.35	1.38	5.94	1.54	6.54	1.69	7.13	1.88	7.72	2.06
1.02	4.80	1.22	5.39	1.38	6.02	1.57	6.61	1.73	7.25	1.91	7.88	2.09
1.06	4.96	1.26	5.59	1.46	6.22	1.57	6.85	1.77	7.47	2.00	8.09	2.19
1.22	5.67	1.42	6.38	1.61	7.05	1.81	7.80	2.05	8.50	2.25	9.19	2.47
1.26	5.83	1.46	6.57	1.65	7.28	1.89	7.99	2.09	8.72	2.31	9.44	2.56
1.30	6.10	1.54	6.89	1.73	7.64	1.97	8.43	2.20	9.19	2.44	9.94	2.69
1.38	6.44	1.63	7.25	1.84	8.06	2.06	8.84	2.31	9.66	2.56	10.44	2.81
1.44	6.72	1.69	7.56	1.91	8.41	2.16	9.25	2.41	10.09	2.66	10.94	2.91
1.56	7.34	1.84	8.25	2.09	9.16	2.34	10.09	2.63	11.00	2.91	11.94	3.19
1.69	7.91	1.97	8.88	2.25	9.88	2.53	10.84	2.81	11.84	3.09	12.81	3.38
1.81	8.50	2.13	9.56	2.44	10.63	2.75	11.72	3.03	12.81	3.34	13.88	3.66
1.91	8.97	2.25	10.09	2.56	11.19	2.88	12.31	3.19	13.44	3.50	14.56	3.81
2.09	9.81	2.44	11.03	2.81	12.25	3.16	13.47	3.50	14.69	3.88	15.94	4.25
2.28	10.69	2.69	12.03	3.06	13.38	3.44	14.72	3.81	16.06	4.19	17.41	4.56
2.38	11.09	2.78	12.47	3.16	13.88	3.56	15.25	3.97	16.63	4.38	18.00	4.81
2.66	12.22	3.09	14.00	3.56	15.53	4.00	17.09	4.44	18.63	4.88	20.19	5.31
2.95	13.74	3.43	15.43	3.94	17.20	4.45	18.86	4.88	20.63	5.38	22.40	5.87
3.22	15.06	3.75	16.94	4.28	18.84	4.81	20.75	5.34	22.66	5.88	24.56	6.44
3.22	15.06	3.75	16.94	4.28	18.84	4.81	20.75	5.34	22.66	5.88	24.56	6.44
3.63	16.88	4.25	18.94	4.81	21.06	5.44	23.13	6.19	25.25	6.94	27.31	7.69
4.00	18.69	4.69	21.06	5.38	23.38	6.00	25.69	6.69	28.06	7.38	30.38	8.06

7 convolutions	7 convolutions		8 convolutions		9 convolutions		10 convolutions		11 convolutions		12 convolutions	
	LATERAL	ANGULAR	LATERAL	ANGULAR	LATERAL	ANGULAR	LATERAL	ANGULAR	LATERAL	ANGULAR	LATERAL	ANGULAR
0.67	60°	0.83	67°	0.94	74°	1.02	79°	1.14	84°	1.28	89°	1.41
0.67	56°	0.83	62°	0.94	68°	1.06	74°	1.14	80°	1.28	86°	1.41
0.75	52°	0.87	58°	0.98	64°	1.14	70°	1.26	76°	1.38	82°	1.50
0.75	47°	0.91	53°	1.02	58°	1.14	64°	1.30	70°	1.41	76°	1.53
0.79	44°	0.91	49°	1.02	55°	1.14	60°	1.30	65°	1.41	70°	1.53
0.83	39°	0.94	44°	1.06	49°	1.18	54°	1.34	59°	1.50	64°	1.66
0.91	38°	1.06	43°	1.22	48°	1.38	53°	1.50	58°	1.66	63°	1.81
0.94	34°	1.10	39°	1.26	43°	1.42	47°	1.57	51°	1.72	55°	1.88
0.98	30°	1.14	34°	1.30	38°	1.46	41°	1.61	44°	1.78	47°	1.94
1.03	26°	1.22	30°	1.38	33°	1.56	37°	1.72	40°	1.88	44°	2.09
1.09	24°	1.25	27°	1.44	30°	1.63	33°	1.81	36°	2.00	39°	2.19
1.19	21°	1.38	24°	1.56	27°	1.78	29°	1.97	31°	2.16	33°	2.34
1.28	18°	1.47	21°	1.69	23°	1.91	26°	2.13	28°	2.34	31°	2.56
1.38	17°	1.59	19°	1.81	22°	2.06	24°	2.28	26°	2.50	28°	2.72
1.44	16°	1.69	19°	1.91	21°	2.16	23°	2.41	25°	2.66	27°	2.91
1.56	16°	1.84	18°	2.09	20°	2.38	22°	2.63	24°	2.88	26°	3.13
1.72	15°	2.00	17°	2.28	20°	2.53	22°	2.88	24°	3.16	26°	3.44
1.78	14°	2.09	16°	2.38	18°	2.69	20°	2.97	22°	3.31	24°	3.63
2.00	14°	2.34	15°	2.66	17°	3.00	19°	3.34	21°	3.69	23°	4.06
2.20	14°	2.56	15°	2.95	17°	3.39	19°	3.70	21°	4.05	24°	4.44
2.44	14°	2.81	15°	3.19	17°	3.69	19°	4.06	21°	4.50	23°	4.94
2.44	14°	2.81	15°	3.19	17°	3.69	19°	4.06	21°	4.50	23°	4.94
2.69	14°	3.19	15°	3.56	17°	4.06	19°	4.50	21°	4.94	23°	5.38
3.00	12°	3.50	13°	4.00	15°	4.56	16°	5.00	17°	5.50	18°	6.00