



# Schroeder Torsion Bars



spring rates

7/8" x 28" bars solid effective length 24"

ARM LENGTHS

DIAMETER	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15	15.5	16
0.4	18.82	16.67	14.87	13.34	12.04	10.92	9.953	9.106	8.363	7.707	7.126	6.608	6.144	5.728	5.352	5.013	4.704
0.425	23.98	21.24	18.95	17.01	15.35	13.92	12.68	11.6	10.66	9.822	9.081	8.421	7.83	7.3	6.821	6.388	5.995
0.45	30.14	26.7	23.81	21.37	19.29	17.5	15.94	14.59	13.4	12.35	11.41	10.58	9.842	9.175	8.573	8.029	7.535
0.475	37.42	33.15	29.56	26.53	23.95	21.72	19.79	18.11	16.63	15.33	14.17	13.14	12.22	11.39	10.64	9.968	9.354
0.5	45.94	40.69	36.3	32.58	29.4	26.67	24.3	22.23	20.42	18.82	17.4	16.13	15	13.98	13.07	12.24	11.48
0.525	55.84	49.46	44.12	39.6	35.74	32.41	29.53	27.02	24.82	22.87	21.15	19.61	18.23	17	15.88	14.87	13.96
0.55	67.26	59.58	53.14	47.7	43.05	39.04	35.58	32.55	29.89	27.55	25.47	23.62	21.96	20.47	19.13	17.92	16.81
0.575	80.35	71.17	63.48	56.98	51.42	46.64	42.5	38.88	35.71	32.91	30.43	28.22	26.24	24.46	22.85	21.4	20.09
0.6	95.26	84.38	75.27	67.55	60.97	55.3	50.39	46.1	42.34	39.02	36.07	33.45	31.11	29	27.1	25.38	23.81
0.625	112.2	99.35	88.62	79.53	71.78	65.11	59.32	54.28	49.85	45.94	42.47	39.39	36.62	34.14	31.9	29.88	28.04
0.65	131.2	116.2	103.7	93.04	83.97	76.17	69.4	63.5	58.31	53.74	49.69	46.08	42.84	39.94	37.32	34.95	32.8
0.675	152.6	135.2	120.6	108.2	97.66	88.58	80.71	73.84	67.82	62.5	57.78	53.58	49.82	46.45	43.4	40.65	38.15
0.7	176.5	156.3	139.4	125.1	112.9	102.4	93.34	85.4	78.44	72.29	66.83	61.97	57.63	53.72	50.2	47.01	44.12
0.725	203.1	179.9	160.5	144	130	117.9	107.4	98.27	90.26	83.18	76.9	71.31	66.31	61.82	57.76	54.1	50.77
0.75	232.6	206	183.8	164.9	148.8	135	123	112.5	103.4	95.26	88.07	81.67	75.94	70.79	66.15	61.95	58.14
0.775	265.2	234.9	209.5	188	169.7	153.9	140.3	128.3	117.8	108.6	100.4	93.12	86.58	80.71	75.42	70.64	66.29
0.8	301.1	266.7	237.9	213.5	192.7	174.8	159.2	145.7	133.8	123.3	114	105.7	98.31	91.64	85.64	80.2	75.27
0.825	340.5	301.6	269	241.5	217.9	197.7	180.1	164.8	151.3	139.5	128.9	119.6	111.2	103.6	96.85	90.71	85.13
0.85	383.7	339.9	303.2	272.1	245.6	222.7	202.9	185.7	170.5	157.2	145.3	134.7	125.3	116.8	109.1	102.2	95.92
0.875	430.9	381.7	340.4	305.5	275.7	250.1	227.9	208.5	191.5	176.5	163.2	151.3	140.7	131.2	122.6	114.8	107.7
0.9	482.3	427.2	381	342	308.6	279.9	255.1	233.4	214.3	197.5	182.6	169.4	157.5	146.8	137.2	128.5	120.6
0.925	538.1	476.7	425.2	381.6	344.4	312.4	284.6	260.4	239.2	220.4	203.8	189	175.7	163.8	153.1	143.3	134.5
0.95	598.7	530.3	473	424.6	383.2	347.5	316.7	289.7	266.1	245.2	226.7	210.2	195.5	182.2	170.3	159.5	149.7
0.957	664.2	588.4	524.8	471	425.1	385.6	351.3	321.4	295.2	272.1	251.5	233.3	216.9	202.2	188.9	176.9	166.1
1	735	651.1	580.8	521.2	470.4	426.7	388.8	355.7	326.7	301.1	278.4	258.1	240	223.7	209.1	195.8	183.8

[www.Schroedertorsionbars.com](http://www.Schroedertorsionbars.com)

Burbank, Ca.

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Phone 818-565-1133