

RELATIVE STIFFNESS OF SWAY BARS COMPARED TO STANDARD 7/8, 1.0 & 1 1/8 inch BARS

BAR DIAMETER	SPRING RATE Relative to 0.875 bar	SPRING RATE Relative to 1.000 bar	SPRING RATE Relative to 1.125 bar
0.500	0.107	0.063	0.039
0.531	0.136	0.080	0.050
0.563	0.171	0.100	0.062
0.594	0.212	0.124	0.078
0.625	0.260	0.153	0.095
0.656	0.316	0.185	0.116
0.688	0.381	0.223	0.139
0.719	0.455	0.267	0.167
0.750	0.540	0.316	0.198
0.781	0.636	0.373	0.233
0.813	0.743	0.436	0.272
0.844	0.865	0.507	0.316
0.875	1.000	0.586	0.366
0.906	1.151	0.675	0.421
0.938	1.318	0.772	0.482
0.969	1.503	0.881	0.550
1.000	1.706	1.000	0.624
1.031	1.929	1.131	0.706
1.063	2.174	1.274	0.796
1.094	2.441	1.431	0.893
1.125	2.733	1.602	1.000
1.156	3.049	1.787	1.116
1.188	3.392	1.989	1.241
1.219	3.764	2.206	1.377
1.250	4.165	2.441	1.524
1.281	4.597	2.695	1.682
1.313	5.063	2.968	1.853
1.344	5.562	3.260	2.035
1.375	6.098	3.574	2.231
1.406	6.671	3.911	2.441
1.438	7.284	4.270	2.666
1.469	7.939	4.654	2.905
1.500	8.636	5.063	3.160
1.531	9.379	5.498	3.432
1.563	10.168	5.960	3.721
1.594	11.006	6.452	4.028
1.625	11.895	6.973	4.353

EXAMPLE

A 17/32 (0.531) inch sway bar is only 13.6% as stiff as a 7/8 (0.875) inch sway bar



EXAMPLE

A 1 1/4 (1.25) inch sway bar is 2.44 times stiffer than a 1 inch sway bar



ONLY DIAMETER OF SWAY BAR CHANGES