



We are The premier Torsion Bar & Sway Bar manufacturer in the USA Winning Open Wheel and NASCAR Championships for over twenty five years.

Daytona 500, Knoxville National, Chili Bowl, Syracuse, and Turkey Night Champions all relied on the quality and performance of Schroeder Torsion Bars.

Sprint Car Torsion Bars

Winningest Torsion Bars You Can Find
Knoxville, Oval Nationals, King's Royal

SPRINT CAR TORSION BARS

	30" TUBULAR	30" E-23	29" TUBULAR	30" GUNDRILLED*	29" SOLID	30" SOLID
.875	30HW0875				29SD0875	30SD0875
.900	30HW0900	30HW0900E23	29HW0900	30GD09006	29SD0900	30SD0900
.925	30HW0925	30HW0925E23	29HW0925	30GD09256	29SD0925	30SD0925
.950	30HW0950	30HW0950E23	29HW0950	30GD09506	29SD0950	30SD0950
.975	30HW0975	30HW0975E23	29HW0975	30GD09756	29SD0975	30SD0975
.987	30HW0987	30HW0987E23	29HW0987	30GD08756	29SD0987	30SD0987
1.000	30HW1000	30HW1000E23	29HW1000	30GD10006	29SD1000	30SD1000
1.015	30HW1015	30HW1015E23	29HW1015	30GD10156	29SD1015	30SD1015
1.025	30HW1025	30HW1025E23	29HW1025	30GD10256	29SD1025	30SD1025
1.035	30HW1035	30HW1035E23	29HW1035	30GD10356	29SD1035	30SD1035
1.050	30HW1050	30HW1050E23	29HW1050	30GD10506	29SD1050	30SD1050
1.065	30HW1065	30HW1065E23	29HW1065	30GD10656		30SD1065
1.075				30GD10756		30SD1075
1.100						30SD1100
1.125						30SD1125

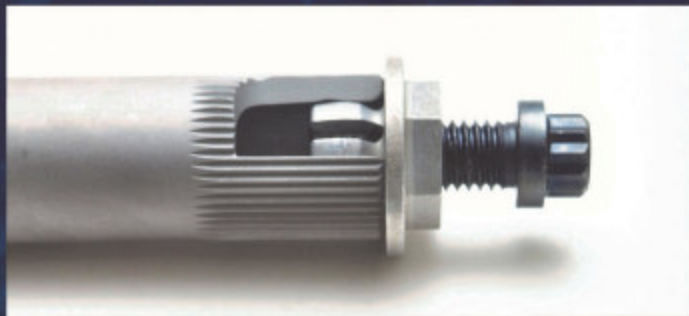
* Gundrilled Sprint Bar -Superior material allows more twist and stores more energy during windup for quicker rebound making this the best bar available.

Arm and Stop Retaining Systems

BAR ARM RETAINING SYSTEM

NOW STANDARD
ON ALL SCHROEDER
SPRINT HOLLOW BARS

PART # T-B BARS



WEDGELOCK ARM RETAINING SYSTEM

FITS ALL HOLLOW BARS
WITH 3/4" BORE

PART # T-B RWLAR



Dirt Modified Torsion Bars

Highest Quality most consistent bars on the market 1-1/8" Spline

DIRT MODIFIED TORSION BARS				
	29" SOLID	29" GUNDRILLED	29" SOLID X-BAR*	30" SOLID
.875	29SD0875	29GD0875	29SD0875X	30SD0875
.900	29SD0900	29GD0900	29SD0900X	30SD0900
.912	29SD0912	29GD0912	29SD0912X	30SD0925
.925	29SD0925	29GD0925	29SD0925X	30SD0950
.935	29SD0935	29GD0935	29SD0935X	30SD0935
.950	29SD0950	29GD0950	29SD0950X	30SD0950
.967	29SD0967	29GD0967	29SD0967X	30SD0967
.975	29SD0975	29GD0975	29SD0975X	30SD0975
.987	29SD0987	29GD0987	29SD0987X	30SD0987
1.000	29SD1000	29GD1000	29SD1000X	30SD1000
1.025	29SD1025	29GD1025	29SD1025X	30SD1025
1.035	29SD1035	29GD1035	29SD1035X	30SD1035
1.050	29SD1050	29GD1050	29SD1050X	30SD1050
1.065				
1.075				
1.100				
1.125				

* LONGER EFFECTIVE LENGTH ALLOWS MORE TWIST.
DIAMETER MODIFIED TO MATCH RATE OF STANDARD BARS.
MICRO-POLISHED SURFACE FOR SUPERIOR LONGEVITY.

Midget & Mini Sprint Bars 1" Spline

Winningest Bars for over 30 years from the Chili Bowl to Belleville and Turkey Night.

1" SPLINE TORSION BARS

	26" HOLLOW	26" SOLID	28" HOLLOW	28" SOLID	26" QUICKSTAR	28" QUICKSTAR
.600		126SD0600		128SD0600		
.625		126SD0625		128SD0625		
.650		126SD0650		128SD0650		
.675	126HW0675	126SD0675	128HW0675	128SD0675	126QS0675	128QS0675
.700	126HW0700	126SD0700	128HW0700	128SD0700	126QS0700	128QS0700
.725	126HW0725	126SD0725	128HW0725	128SD0725	126QS0725	128QS0725
.750	126HW0750	126SD0750	128HW0750	128SD0750	126QS0750	128QS0750
.775	126HW0775	126SD0775	128HW0775	128SD0775	126QS0775	128QS0775
.787	126HW0787	126SD0787	128HW0787	128SD0787	126QS0787	128QS0787
.800	126HW0800	126SD0800	128HW0800	128SD0800	126QS0800	128QS0800
.815	126HW0815	126SD0815	128HW0815	128SD0815	126QS0815	128QS0815
.825	126HW0825	126SD0825	128HW0825	128SD0825	126QS0825	128QS0825
.835	126HW0835	126SD0835	128HW0835	128SD0835	126QS0835	128QS0835
.850	126HW0850	126SD0850	128HW0850	128SD0850	126QS0850	128QS0850
.875	126HW0875	126SD0875	128HW0875	128SD0875	126QS0875	128QS0875
.900	126HW0900	126SD0900	128HW0900	128SD0900	126QS0900	128QS0900
.925	126HW0925	126SD0925	128HW0925	128SD0925	126QS0925	128QS0925
.950	126HW0950	126SD0950	128HW0950	128SD0950	126QS0950	128QS0950
.975		126SD0975		128SD0975		
1.000		126SD1000		128SD1000		

Monster Truck Bars



MONSTER TRUCK PARTS

SPLINE	LENGTH	DESCRIPTION	PART NUMBER
1-3/4 - 27T	40"	SWAY BAR	1752740
1-3/4 - 27T	36"	SWAY BAR	1752736
1-3/4 - 48T	40"	SWAY BAR	1754840
1-3/4 - 48T	36"	SWAY BAR	1754836
1-3/4 - 48T		COUPLER	17548C

Monster Truck Team Grave Digger's Bar of Choice



Monster Truck Couplings

7/8" Spline Torsion Bars

7/8" SPLINE TORSION BARS

	14-1/2" SOLID	22-1/2" SOLID	22-1/2" HOLLOW	24" SOLID	24" HOLLOW	24-1/2" SOLID	24-1/2" HOLLOW	26" SOLID	26" HOLLOW	28" SOLID	28" HOLLOW
.400								26SD0400		828SD0400	
.425	145SD0425							26SD0425		828SD0425	
.450	145SD0450							26SD0450		828SD0450	
.475	145SD0475							26SD0475		828SD0475	
.500	145SD0500	225SD0500		24SD0500		245SD0500		26SD0500		828SD0500	
.525	145SD0525	225SD0525		24SD0525		245SD0525		26SD0525		828SD0525	
.550	145SD0550	225SD0550		24SD0550		245SD0550		26SD0550		828SD0550	
.575	145SD0575	225SD0575		24SD0575		245SD0575		26SD0575		828SD0575	
.600	145SD0600	225SD0600	225HW0600	24SD0600	24HW0600	245SD0600	245HW0600	26SD0600	26HW0600	828SD0600	828HW0600
.625	145SD0625	225SD0625	225HW0625	24SD0625	24HW0625	245SD0625	245HW0625	26SD0625	26HW0625	828SD0625	828HW0625
.650	145SD0650	225SD0650	225HW0650	24SD0650	24HW0650	245SD0650	245HW0650	26SD0650	26HW0650	828SD0650	828HW0650
.675	145SD0675	225SD0675	225HW0675	24SD0675	24HW0675	245SD0675	245HW0675	26SD0675	26HW0675	828SD0675	828HW0675
.700	145SD0700	225SD0700	225HW0700	24SD0700	24HW0700	245SD0700	245HW0700	26SD0700	26HW0700	828SD0700	828HW0700
.725	145SD0725	225SD0725	225HW0725	24SD0725	24HW0725	245SD0725	245HW0725	26SD0725	26HW0725	828SD0725	828HW0725
.750	145SD0750	225SD0750	225HW0750	24SD0750	24HW0750	245SD0750	245HW0750	26SD0750	26HW0750	828SD0750	828HW0750
.775		225SD0775	225HW0775	24SD0775	24HW0775	245SD0775	245HW0775	26SD0775	26HW0775	828SD0775	828HW0775
.800		225SD0800	225HW0800	24SD0800	24HW0800	245SD0800	245HW0800	26SD0800	26HW0800	828SD0800	828HW0800
.825		225SD0825	225HW0825	24SD0825	24HW0825	245SD0825	245HW0825	26SD0825	26HW0825	828SD0825	828HW0825
.850		225SD0850	225HW0850	24SD0850	24HW0850	245SD0850	245HW0850	26SD0850	26HW0850	828SD0850	828HW0850
.875		225SD0875	225HW0875	24SD0875	24HW0875	245SD0875		26SD0875	26HW0875	828SD0875	828HW0875
.900		225SD0900	225HW0900	24SD0900		245SD0900		26SD0900	26HW0900	828SD0900	
.925		225SD0925				245SD0925		26SD0925	26HW0925	828SD0925	
.950		225SD0950						26SD0950		828SD0950	
.975		225SD0975						26SD0975		828SD0975	
1.000		225SD1000						26SD1000		828SD1000	

3/4" Spline Solid Bars

3/4" X 23" TORSION BARS

DIAMETER	PART #
.600	23SD600
.610	23SD610
.620	23SD620
.630	23SD630
.640	23SD640
.650	23SD650
.660	23SD660
.670	23SD670
.680	23SD680
.690	23SD690
.700	23SD700
.710	23SD710
.720	23SD720
.730	23SD730
.740	23SD740
.750	23SD750
.765	23SD765
.775	23SD775



Torsion Bars

OEM Applications

Porsche, VW, Honda, Jaguar, Alfa Romeo

OEM TORSION BARS	
VW	21-3/4", 24-11/16", 26-9/16" 25MM-31MM
PORSCHE	24-1/16" 21MM-23MM-SOLID OR GUNDRILLED
JAGUAR	6-CYL OR V-12 STANDARD AND UPRATED
HONDA	CRX OR INTEGRA
ALFA ROMEO	STANDARD AND UPRATED

Driveshafts

DRIVESHAFTS 16-10 HOLLOW

LENGTH	PART #
20	1610HW20
22	1610HW22
24	1610HW24
26	1610HW26
26.5	1610HW265
28	1610HW28
29	1610HW29
30	1610HW30
32	1610HW32
38	1610HW38

1-3/8 - 16 x 1-1/4 - 10 4340 Steel

Stock Car Front Sway Bars

FRONT SWAY BARS

	1"-48 SOLID	1-1/4"-49 SOLID	1-1/4"-49 HW	1-1/2"- HW	1-3/4"- HW	2"- COT
3/4"	S-C 1148SD-34	S-C 1449SD-34				
13/16"	S-C 1148SD-1316	S-C 1449SD-1316				
7/8"	S-C 1148SD-78	S-C 1449SD-78	S-C 1449HW-78	S-C 112HW-78	S-C 134HW-78	
15/16"	S-C 1148SD-1516	S-C 1449SD-1516	S-C 1449HW-1516	S-C 112HW-1516	S-C 134HW-1516	
1"	S-C 1148SD-1	S-C 1449SD-1	S-C 1449HW-1	S-C 112HW-1	S-C 134HW-1	
1-1/16"	S-C 1148SD-1116	S-C 1449SD-1116	S-C 1449HW-1116	S-C 112HW-1116	S-C 134HW-1116	
1-1/8"	S-C 1148SD-118	S-C 1449SD-118	S-C 1449HW-118	S-C 112HW-118	S-C 134HW-118	
1-3/16"	S-C 1148SD-1316	S-C 1449SD-1316	S-C 1449HW-1316	S-C 112HW-1316	S-C 134HW-1316	
1-1/4"	S-C 1148SD-114	S-C 1449SD-114	S-C 1449HW-114	S-C 112HW-114	S-C 134HW-114	2COT114
1-5/16"	S-C 1148SD-11516	S-C 1449SD-1516	S-C 1449HW-1516	S-C 112HW-1516	S-C 134HW-1516	2COT1516
1-3/8"	S-C 1148SD-138	S-C 1449SD-138	S-C 1449HW-138	S-C 112HW-138	S-C 134HW-138	2COT138
1-7/16"	S-C 1148SD-1716	S-C 1449SD-1716	S-C 1449HW-1716	S-C 112HW-1716	S-C 134HW-1716	2COT1716
1-1/2"	S-C 1148SD-112	S-C 1449SD-112	S-C 1449HW-112	S-C 112HW-112	S-C 134HW-112	S-C2COT112
1-9/16"		S-C 1449SD-1916	S-C 1449HW-1916	S-C 112HW-1916	S-C 134HW-1916	S-C2COT1916
1-5/8"		S-C 1449SD-158	S-C 1449HW-158	S-C 112HW-158	S-C 134HW-158	S-C 2COT158
1-11/16"		S-C 1449SD-11116	S-C 1449HW-11116	S-C 112HW-11116	S-C 134HW-11116	S-C 2COT11116
1-3/4"		S-C 1449SD-134	S-C 1449HW-134	S-C 112HW-134	S-C 134HW-134	S-C2COT134
1-13/16"		S-C 1449SD-11316	S-C 1449HW-11316	S-C 112HW-11316	S-C 134HW-11316	S-C 2COT11316
1-7/8"		S-C 1449SD-178	S-C 1449HW-178	S-C 112HW-178	S-C 134HW-178	S-C 2COT178
1-15/16"		S-C 1449SD-11516	S-C 1449HW-11516	S-C 112HW-11516	S-C 134HW-11516	S-C 2COT11516
2"		S-C 1449SD-2	S-C 1449HW-2	S-C 112HW-2	S-C 134HW-2	S-C 2COT2
2-1/16"						S-C 2COT2116
2-1/8"						S-C 2COT218
2-3/16"						S-C 2COT2316
2-1/4"						S-C 2COT214
2-5/16"						S-C 2COT2516
2-3/8"						S-C 2COT238
2-7/16"						
2-1/2"						

Sway Bar Mounts

SWAY BAR MOUNTS

SIZE	MOUNT	PART #
3/4"	THROUGH	T-B 750-010
3/4"	5/16 X 18	T-B 750-516
7/8"	THROUGH	T-B 875-010
7/8"	5/16 X 18	T-B 875-516
1"	THROUGH	T-B 100-010
1"	5/16 X 18	T-B 100-516



Through Bolt Mount



5/16"-18 Mount

Both Mounts - 2" mounting hole spacing

Aluminum Arm Blanks

ALUMINUM TORSION ARMS 2024 MATERIAL

SPLINE	MATERIAL	LENGTHS	PART #
3/4"	1/2" X 1-1/2"	14" & 16"	ARM 7505020
3/4"	5/8" X 1-1/2"	14" & 16"	ARM 7506220
7/8"	1/2" X 1-1/2"	16"	ARM 8755020
7/8"	5/8" X 1-1/2"	16" & 18"	ARM 8756220
7/8"	3/4" X 2"	14" & 16" & 18"	ARM 8757520
1"	5/8" X 2"	16" & 18"	ARM 16220
1"	3/4" X 2"	14" & 16" & 18"	ARM 17520
1-1/8"	3/4" X 2"	16" & 18"	ARM 11257520
1-1/8"	1" X 2"	16" & 18"	ARM 1125120

(PLEASE SPECIFY DESIRED LENGTH WHEN ORDERING)



Aluminum or 4130 Steel Arm Blanks

4130 Arm Blanks

TORSION ARM BLANKS 4130 MATERIAL

SPLINE	MATERIAL	LENGTHS	PART #
3/4"	1/2 X 1-1/2	5" & 16"	ARM 7505041
3/4"	5/8 X 1-1/2	5" & 16"	ARM 7506241
7/8"	1/2 X 1-1/2	5" & 16"	ARM 8755041
7/8"	5/8 X 1-1/2	16" & 18"	ARM 8756241
7/8"	3/4 X 2	14" & 16" & 18"	ARM 8757541
1"	5/8 X 2	16" & 18"	ARM 1006241
1"	3/4 X 2	14" & 16" & 18"	ARM 1007541
1-1/8"	3/4 X 2	16" & 18"	ARM 11257541

(PLEASE SPECIFY DESIRED LENGTH WHEN ORDERING)

Stock Car Arms

STOCK CAR ARMS

SPLINE	STYLE	MATERIAL	PART #
1-1/4 - 49	STRAIGHT	4130	S-C 12549S
1-1/4 - 49	15° + 2.5	4130	S-C 125491525
1-1/4 - 49	15° + 2.5	ALUMINUM	S-C 1251525AL
1-1/2 - 48	15° + 2.5	4130	S-C 150481525
1-1/2 - 48	STRAIGHT	4130	S-C 15048S
1-3/4 - 48	15° + 2.5	4130	S-C 175481525
1-3/4 - 48	STRAIGHT	4130	S-C 17548S
2 - 48	15° + 2.5	4130	S-C 2481525



15° + 2.5

Bronze Bushings

BRONZE BUSHINGS

PART #	APPLICATION
78-065	- BUSHING FOR 1-1/4" - .065 TUBING
78-083	- BUSHING FOR 1-1/4" - .083 TUBING
78-095	- BUSHING FOR 1-1/4" - .095 TUBING
1-083	- BUSHING FOR 1-3/8" - .083 TUBING
1-095	- BUSHING FOR 1-3/8" - .095 TUBING
118-95	- BUSHING FOR 1-1/2" - .095 TUBING



Fabricated Arms



Timed splined fab arm Designed to accept 1" diameter bar or tube. Fabricate your own custom arms!

FAB ARMS

SPLINE	PART #
3/4"-48	ARM 75048F
7/8"-48	ARM 87548F
1"-48	ARM10048F
1-1/8"-48	ARM 112548F
1-1/4"-48	ARM 12548F
1-1/4"- 49	ARM 12549F
1-3/8"-48	ARM 137548F
1-1/2"-48	ARM 15048F



Steering Wheels



910FG

ALUMINUM STEERING WHEELS FOAM GRIP-RADIUSED EDGES

- #905 - 15" FLAT SYMMETRICAL SPOKE
- #905FG - 15" FLAT SYMMETRICAL SPOKE W/FINGER GRIPS
- #910FG - 15" 3" DISH SYMMETRICAL SPOKE W/FINGER GRIPS



905



400

NASCAR STEEL STEERING WHEELS

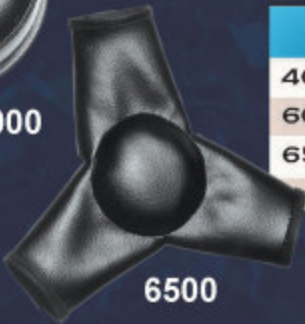
- #400 STEERING WHEEL 15-1/2" DIAMETER 4" DISH
- #500 STEERING WHEEL 16-1/2" DIAMETER 4" DISH

VINTAGE STEERING WHEELS

- #925 - 14" FLAT VINTAGE "BELL" 3 SPOKE, MIDGET
- #950 - 14" FLAT VINTAGE "BELL" 4 SPOKE, MIDGET
- #960 - 15" FLAT VINTAGE "BELL" 4 SPOKE, MIDGET
- #975 - 17" FLAT VINTAGE "BELL" 4 SPOKE, CHAMP
- #700 - 15" FLAT STAINLESS STEEL 4 SPOKE



4000



6500

STEERING WHEEL PADS

- 4000 - STOCK CAR WHEELS # 400 & 500
- 6000 - FOR 900 SERIES & 550 & 575 WHEELS
- 6500 - PRIMARILY FOR ALUMINUM WHEELS BUT FITS ANY SYMMETRICAL 3 SPOKE WHEEL



975

Quick Release Hubs

2000 PIN LOCK



2500 ALUMINUM



SQUEEZE RING HUBS

FITS	PART #
1"-15 T KSE	2500
FORD SPLINE	2510
CHEVY SPLINE	2520
CHRYSLER SPLINE	2530
5/8" WELD ON	2540
3/4" WELD ON	2550
3/4" - BOLT ON	2550-B
SCHROEDER	2560
3/4-48 LEE/PROFILE	2570

PIN TYPE HUBS

FITS	PART #
FORD	2010
CHEVY	2020
CHRYSLER	2030
6/8" BLANK	2040
3/4" BLANK	2050

The original Quick Release Hub. Designed with Steel Splined Center 2024 Billet aluminum for increased strength and wear resistance. Tightest tolerance in machining for a "no play" connection.

Steering Boxes



Midget/Sprint
Assembly
R - Hand Gears



Boat Assembly
R- Hand Gears



TQ/Mini Sprint
Assembly
L- Hand Gears

TORSION BAR FACTS



Small Bar

Standard Bar



Monster Truck Bar

Torsion bars provide the vital suspension link between the surface of a race track and a car's chassis. Torsion bars have as much to do with a car's response as do its tires, so their quality and consistency are essential to a good performing car.

The quality of material, workmanship, heat treatment and finish all have an effect on the performance of the torsion bar. **Schroeder** only uses aircraft quality high alloy steel to achieve the finest bar possible, and machine their torsion bars with state of the art CNC equipment. Only **Schroeder** torsion bars are machined in one continuous pass from end to end in order to prevent irregularities. Then they are polished, heat treated to exact specifications, then polished again to assure no surface imperfections exist which could cause a stress point or crack to originate. The bars are then coated with a protective film and shipped in plastic screw-lock tubes for protection and easy identification.

For over 50 Years we've provided racers with the finest equipment available...



Gordon's Original Shop



Gary's Shop Today

Gordon Schroeder had been involved with racing since 1938 when he worked as a pit-crew member on an Indy Car. He worked for teams that built complete cars for Indianapolis. In 1946 the car he owned and set up qualified for the front row at Indianapolis with Sam Hanks at the wheel. In 1951 he built two very innovative cars for Indy than ran very well in the race. From that experience he built a machine shop that built high quality specialty racing equipment. The Schroeder worm and gear steering that Gordon developed in the early 50's is just one of the products made popular by the racers themselves. He also developed the first quick release steering hub approved by NASCAR. The steering assemblies are still manufactured by Gordon's older son Gary to the same exacting standard Gordon required 50 years ago.

Schroeder Torsion Bars began in 1980 to manufacture torsion bars for the 3/4 Midget Gary Schroeder raced to 3 championships. Soon the product line expanded to include Midgets and Sprint Cars. After building torsion bars for Jeff Gordon's successful open wheel cars, Schroeder Torsion Bars began manufacturing sway bars for the Busch and Winston Cup cars Jeff drove. Jeff Gordon's success while driving cars equipped with Schroeder Torsion Bars is well documented. Now almost all successful NASCAR teams use Schroeder Torsion Bars. Schroeder has supplied all the NASCAR Champions for the last 10 years. Schroeder developed the first 1-1/2" Spline Bars, as well as 1-3/4" and 2" spline bars. Schroeder was the first to use 4130 alloy sway bar arms to effectively transfer the increased spring rates of the larger sway bars. Schroeder also employed computer design to modify the sway bar arm profile to accommodate different chassis.

Schroeder Torsion Bars also manufactures special bars for sports car applications for Honda, Jaguar, and Alfa Romeo.



Schroeder Torsion Bars



spring rates

1" x 26" bars hollow effective length 22"

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
0.6	103.9	92.05	82.11	73.69	66.51	60.33	54.97	50.29	46.19	42.57	39.35	36.49	33.93	31.63	29.56	27.68	25.98
0.625	122.4	108.4	96.67	86.76	78.31	71.03	64.72	59.21	54.38	50.12	46.33	42.97	39.95	37.24	34.8	32.59	30.59
0.65	143.1	126.8	113.1	101.5	91.61	83.09	75.71	69.27	63.62	58.63	54.2	50.26	46.74	43.57	40.71	38.13	35.78
0.675	166.5	147.5	131.5	118	106.5	96.63	88.04	80.55	73.98	68.18	63.04	58.45	54.35	50.67	47.35	44.34	41.61
0.7	192.5	170.5	152.1	136.5	123.2	111.8	101.8	93.17	85.57	78.86	72.91	67.61	62.86	58.6	54.76	51.29	48.13
0.725	221.5	196.2	175	157.1	141.8	128.6	117.2	107.2	98.46	90.74	83.9	77.8	72.34	67.44	63.01	59.01	55.38
0.75	253.7	224.7	200.5	179.9	162.4	147.3	134.2	122.8	112.8	103.9	96.08	89.09	82.84	77.23	72.17	67.59	63.43
0.775	289.3	256.2	228.6	205.1	185.1	167.9	153	140	128.6	118.5	109.5	101.6	94.45	88.05	82.28	77.06	72.32
0.8	328.4	290.9	259.5	232.9	210.2	190.7	173.7	158.9	146	134.5	124.4	115.3	107.2	99.98	93.42	87.49	82.11
0.825	371.5	329	293.5	263.4	237.7	215.6	196.5	179.8	165.1	152.1	140.7	130.4	121.3	113.1	105.7	98.95	92.86
0.85	418.6	370.8	330.7	296.8	267.9	243	221.4	202.6	186	171.4	158.5	147	136.7	127.4	119.1	111.5	104.6
0.875	470	416.4	371.4	333.3	300.8	272.9	248.6	227.5	208.9	192.5	178	165.1	153.5	143.1	133.7	125.2	117.5
0.9	526.1	466	415.7	373.1	336.7	305.4	278.3	254.6	233.8	215.5	199.2	184.7	171.8	160.1	149.6	140.1	131.5
0.925	587	520	463.8	416.3	375.7	340.8	310.5	284.1	260.9	240.4	222.3	206.1	191.7	178.7	167	156.4	146.8
0.95	653.1	578.5	516	463.1	418	379.1	345.4	316.1	290.3	267.5	247.3	229.3	213.3	198.8	185.8	174	163.3



Schroeder Torsion Bars



spring rates

1" x 28" bars hollow 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
0.7	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



Schroeder Torsion Bars



spring rates

1" x 26" bars solid effective length 22"

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
0.6	103.9	92.05	82.11	73.69	66.51	60.33	54.97	50.29	46.19	42.57	39.35	36.49	33.93	31.63	29.56	27.68	25.98
0.625	122.4	108.4	96.67	86.76	78.31	71.03	64.72	59.21	54.38	50.12	46.33	42.97	39.95	37.24	34.8	32.59	30.59
0.65	143.1	126.8	113.1	101.5	91.61	83.09	75.71	69.27	63.62	58.63	54.2	50.26	46.74	43.57	40.71	38.13	35.78
0.675	166.5	147.5	131.5	118	106.5	96.63	88.04	80.55	73.98	68.18	63.04	58.45	54.35	50.67	47.35	44.34	41.61
0.7	192.5	170.5	152.1	136.5	123.2	111.8	101.8	93.17	85.57	78.86	72.91	67.61	62.86	58.6	54.76	51.29	48.13
0.725	221.5	196.2	175	157.1	141.8	128.6	117.2	107.2	98.46	90.74	83.9	77.8	72.34	67.44	63.01	59.01	55.38
0.75	253.7	224.7	200.5	179.9	162.4	147.3	134.2	122.8	112.8	103.9	96.08	89.09	82.84	77.23	72.17	67.59	63.43
0.775	289.3	256.2	228.6	205.1	185.1	167.9	153	140	128.6	118.5	109.5	101.6	94.45	88.05	82.28	77.06	72.32
0.8	328.4	290.9	259.5	232.9	210.2	190.7	173.7	158.9	146	134.5	124.4	115.3	107.2	99.98	93.42	87.49	82.11
0.825	371.5	329	293.5	263.4	237.7	215.6	196.5	179.8	165.1	152.1	140.7	130.4	121.3	113.1	105.7	98.95	92.86
0.85	418.6	370.8	330.7	296.8	267.9	243	221.4	202.6	186	171.4	158.5	147	136.7	127.4	119.1	111.5	104.6
0.875	470	416.4	371.4	333.3	300.8	272.9	248.6	227.5	208.9	192.5	178	165.1	153.5	143.1	133.7	125.2	117.5
0.9	526.1	466	415.7	373.1	336.7	305.4	278.3	254.6	233.8	215.5	199.2	184.7	171.8	160.1	149.6	140.1	131.5
0.925	587	520	463.8	416.3	375.7	340.8	310.5	284.1	260.9	240.4	222.3	206.1	191.7	178.7	167	156.4	146.8
0.95	653.1	578.5	516	463.1	418	379.1	345.4	316.1	290.3	267.5	247.3	229.3	213.3	198.8	185.8	174	163.3
0.975	724.6	641.9	572.5	513.9	463.8	420.6	383.3	350.7	322.1	296.8	274.4	254.5	236.6	220.6	206.1	193	181.2
1	801.8	710.3	633.6	568.6	513.2	465.5	424.1	388	356.4	328.4	303.7	281.6	261.8	244.1	228.1	213.6	200.5
1.025	885.1	784	699.3	627.7	566.5	513.8	468.1	428.3	393.4	362.5	335.2	310.8	289	269.4	251.8	235.8	221.3
1.05	974.6	863.4	770.1	691.2	623.8	565.8	515.5	471.7	433.2	399.2	369.1	342.3	318.3	296.7	277.2	259.6	243.7
1.075	1071	948.6	846.1	759.4	685.3	621.6	566.4	518.2	475.9	438.6	405.5	376	349.7	326	304.6	285.3	267.7



Schroeder Torsion Bars



spring rates 1" x 28" bars solid effective length 24"

DIAMETER	ARM LENGTHS																
	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
0.45	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
0.975	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



Schroeder Torsion Bars



spring rates

3/4" x 23" bars solid effective length 19.5"

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
600	117.2	103.9	92.64	83.14	75.04	68.06	62.01	56.74	52.11	48.02	44.4	41.17	38.28	35.69	33.35	31.23	29.31
610	125.3	111	98.97	88.82	80.16	72.71	66.25	60.62	55.67	51.3	47.43	43.99	40.9	38.13	35.63	33.37	31.31
620	133.7	118.4	105.6	94.79	85.55	77.6	70.7	64.69	59.41	54.75	50.62	46.94	43.65	40.69	38.02	35.61	33.42
630	142.5	126.2	112.6	101.1	91.21	82.73	75.38	68.96	63.34	58.37	53.97	50.04	46.53	43.38	40.54	37.96	35.63
640	151.8	134.4	119.9	107.6	97.14	88.11	80.28	73.45	67.46	62.17	57.48	53.3	49.56	46.2	43.17	40.43	37.94
650	161.5	143	127.6	114.5	103.4	93.74	85.41	78.15	71.77	66.14	61.15	56.71	52.73	49.16	45.93	43.02	40.37
660	171.7	152.1	135.6	121.7	109.9	99.65	90.79	83.07	76.29	70.31	65.01	60.28	56.05	52.25	48.83	45.73	42.91
670	182.3	161.5	144	129.3	116.7	105.8	96.42	88.22	81.02	74.67	69.04	64.02	59.53	55.49	51.85	48.56	45.57
680	193.4	171.3	152.8	137.2	123.8	112.3	102.3	93.61	85.97	79.23	73.25	67.92	63.16	58.88	55.02	51.53	48.36
690	205.1	181.6	162	145.4	131.2	119	108.5	99.23	91.14	83.99	77.65	72.01	66.96	62.42	58.33	54.63	51.26
700	217.2	192.4	171.6	154	139	126.1	114.9	105.1	96.54	88.97	82.26	76.28	70.92	66.12	61.78	57.86	54.3
710	229.9	203.6	181.6	163	147.1	133.4	121.6	111.2	102.2	94.16	87.06	80.73	75.06	69.98	65.39	61.24	57.47
720	243.1	215.4	192.1	172.4	155.6	141.1	128.6	117.7	108.1	99.58	92.07	85.37	79.38	74	69.15	64.76	60.78
730	256.9	227.6	203	182.2	164.4	149.1	135.9	124.3	114.2	105.2	97.29	90.22	83.89	78.2	73.07	68.44	64.23
740	271.3	240.3	214.3	192.4	173.6	157.5	143.5	131.3	120.6	111.1	102.7	95.26	88.58	82.58	77.16	72.26	67.82
750	286.2	253.6	226.2	203	183.2	166.2	151.4	138.5	127.2	117.2	108.4	100.5	93.46	87.13	81.42	76.25	71.56
765	309.8	274.5	244.8	219.7	198.3	179.9	163.9	149.9	137.7	126.9	117.3	108.8	101.2	94.31	88.13	82.54	77.46
775	326.4	289.1	257.9	231.4	208.9	189.4	172.6	157.9	145	133.7	123.6	114.6	106.6	99.34	92.83	86.94	81.59



Schroeder Torsion Bars



spring rates

7/8" x 26" bars hollow effective length 22"

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
0.7	192.5	170.5	152.1	136.5	123.2	111.8	101.8	93.17	85.57	78.86	72.91	67.61	62.86	58.6	54.76	51.29	48.13
0.725	221.5	196.2	175	157.1	141.8	128.6	117.2	107.2	98.46	90.74	83.9	77.8	72.34	67.44	63.01	59.01	55.38
0.75	253.7	224.7	200.5	179.9	162.4	147.3	134.2	122.8	112.8	103.9	96.08	89.09	82.84	77.23	72.17	67.59	63.43
0.775	289.3	256.2	228.6	205.1	185.1	167.9	153	140	128.6	118.5	109.5	101.6	94.45	88.05	82.28	77.06	72.32
0.8	328.4	290.9	259.5	232.9	210.2	190.7	173.7	158.9	146	134.5	124.4	115.3	107.2	99.98	93.42	87.49	82.11
0.825	371.5	329	293.5	263.4	237.7	215.6	196.5	179.8	165.1	152.1	140.7	130.4	121.3	113.1	105.7	98.95	92.86
0.85	418.6	370.8	330.7	296.8	267.9	243	221.4	202.6	186	171.4	158.5	147	136.7	127.4	119.1	111.5	104.6
0.875	470	416.4	371.4	333.3	300.8	272.9	248.6	227.5	208.9	192.5	178	165.1	153.5	143.1	133.7	125.2	117.5
0.9	526.1	466	415.7	373.1	336.7	305.4	278.3	254.6	233.8	215.5	199.2	184.7	171.8	160.1	149.6	140.1	131.5
0.925	587	520	463.8	416.3	375.7	340.8	310.5	284.1	260.9	240.4	222.3	206.1	191.7	178.7	167	156.4	146.8
0.95	653.1	578.5	516	463.1	418	379.1	345.4	316.1	290.3	267.5	247.3	229.3	213.3	198.8	185.8	174	163.3
0.975	724.6	641.9	572.5	513.9	463.8	420.6	383.3	350.7	322.1	296.8	274.4	254.5	236.6	220.6	206.1	193	181.2
1	801.8	710.3	633.6	568.6	513.2	465.5	424.1	388	356.4	328.4	303.7	281.6	261.8	244.1	228.1	213.6	200.5



Schroeder Torsion Bars



spring rates

7/8" x 28" bars hollow 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
0.7	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
0.975	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



Schroeder Torsion Bars



spring rates

7/8" x 24" bars solid effective length 20"

ARM LENGTHS

	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
DIAMETER																	
0.7	211.8	187.6	167.3	150.2	135.5	122.9	112	102.5	94.12	86.74	80.2	74.37	69.15	64.46	60.24	56.41	52.94
0.725	243.7	215.9	192.5	172.8	156	141.5	128.9	117.9	108.3	99.82	92.28	85.58	79.57	74.18	69.32	64.92	60.92
0.75	279.1	247.2	220.5	197.9	178.6	162	147.6	135.1	124	114.3	105.7	98	91.13	84.95	79.38	74.34	69.77
0.775	318.2	281.9	251.4	225.6	203.6	184.7	168.3	154	141.4	130.3	120.5	111.7	103.9	96.86	90.51	84.76	79.55
0.8	361.3	320	285.5	256.2	231.2	209.7	191.1	174.8	160.6	148	136.8	126.9	118	110	102.8	96.24	90.32
0.825	408.6	361.9	322.8	289.8	261.5	237.2	216.1	197.7	181.6	167.4	154.7	143.5	133.4	124.4	116.2	108.8	102.2
0.85	460.4	407.9	363.8	326.5	294.7	267.3	243.5	222.8	204.6	188.6	174.4	161.7	150.3	140.2	131	122.7	115.1
0.875	559	495.1	441.6	396.4	357.7	324.5	295.6	270.5	248.4	228.9	211.7	196.3	182.5	170.1	159	148.9	139.7



Schroeder Torsion Bars



spring rates 7/8" x 26" bars solid effective length 22"

DIAMETER	ARM LENGTHS																
	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	20.53	18.18	16.22	14.56	13.14	11.92	10.86	9.934	9.123	8.408	7.774	7.208	6.703	6.248	5.839	5.468	5.132
0.425	26.16	23.17	20.67	18.55	16.74	15.19	13.84	12.66	11.63	10.72	9.907	9.187	8.542	7.963	7.441	6.969	6.54
0.45	32.88	29.13	25.98	23.32	21.04	19.09	17.39	15.91	14.61	13.47	12.45	11.55	10.74	10.01	9.353	8.759	8.22
0.475	40.82	36.16	32.25	28.95	26.12	23.7	21.59	19.75	18.14	16.72	15.46	14.33	13.33	12.43	11.61	10.87	10.2
0.5	50.12	44.39	39.6	35.54	32.07	29.09	26.51	24.25	22.27	20.53	18.98	17.6	16.36	15.26	14.26	13.35	12.53
0.525	60.92	53.96	48.13	43.2	38.99	35.36	32.22	29.48	27.07	24.95	23.07	21.39	19.89	18.54	17.33	16.23	15.23
0.55	73.37	65	57.97	52.03	46.96	42.59	38.81	35.51	32.61	30.05	27.79	25.77	23.96	22.34	20.87	19.55	18.34
0.575	87.65	77.64	69.26	62.16	56.1	50.88	46.36	42.42	38.96	35.9	33.19	30.78	28.62	26.68	24.93	23.35	21.91
0.6	103.9	92.05	82.11	73.69	66.51	60.33	54.97	50.29	46.19	42.57	39.35	36.49	33.93	31.63	29.56	27.68	25.98
0.625	122.4	108.4	96.67	86.76	78.31	71.03	64.72	59.21	54.38	50.12	46.33	42.97	39.95	37.24	34.8	32.59	30.59
0.65	143.1	126.8	113.1	101.5	91.61	83.09	75.71	69.27	63.62	58.63	54.2	50.26	46.74	43.57	40.71	38.13	35.78
0.675	166.5	147.5	131.5	118	106.5	96.63	88.04	80.55	73.98	68.18	63.04	58.45	54.35	50.67	47.35	44.34	41.61
0.7	192.5	170.5	152.1	136.5	123.2	111.8	101.8	93.17	85.57	78.86	72.91	67.61	62.86	58.6	54.76	51.29	48.13
0.725	221.5	196.2	175	157.1	141.8	128.6	117.2	107.2	98.46	90.74	83.9	77.8	72.34	67.44	63.01	59.01	55.38
0.75	253.7	224.7	200.5	179.9	162.4	147.3	134.2	122.8	112.8	103.9	96.08	89.09	82.84	77.23	72.17	67.59	63.43
0.775	289.3	256.2	228.6	205.1	185.1	167.9	153	140	128.6	118.5	109.5	101.6	94.45	88.05	82.28	77.06	72.32
0.8	328.4	290.9	259.5	232.9	210.2	190.7	173.7	158.9	146	134.5	124.4	115.3	107.2	99.98	93.42	87.49	82.11
0.825	371.5	329	293.5	263.4	237.7	215.6	196.5	179.8	165.1	152.1	140.7	130.4	121.3	113.1	105.7	98.95	92.86
0.85	418.6	370.8	330.7	296.8	267.9	243	221.4	202.6	186	171.4	158.5	147	136.7	127.4	119.1	111.5	104.6
0.875	470	416.4	371.4	333.3	300.8	272.9	248.6	227.5	208.9	192.5	178	165.1	153.5	143.1	133.7	125.2	117.5
0.9	526.1	466	415.7	373.1	336.7	305.4	278.3	254.6	233.8	215.5	199.2	184.7	171.8	160.1	149.6	140.1	131.5
0.925	587	520	463.8	416.3	375.7	340.8	310.5	284.1	260.9	240.4	222.3	206.1	191.7	178.7	167	156.4	146.8
0.95	653.1	578.5	516	463.1	418	379.1	345.4	316.1	290.3	267.5	247.3	229.3	213.3	198.8	185.8	174	163.3
0.975	724.6	641.9	572.5	513.9	463.8	420.6	383.3	350.7	322.1	296.8	274.4	254.5	236.6	220.6	206.1	193	181.2
1	801.8	710.3	633.6	568.6	513.2	465.5	424.1	388	356.4	328.4	303.7	281.6	261.8	244.1	228.1	213.6	200.5
1.025	885.1	784	699.3	627.7	566.5	513.8	468.1	428.3	393.4	362.5	335.2	310.8	289	269.4	251.8	235.8	221.3
1.05	974.6	863.4	770.1	691.2	623.8	565.8	515.5	471.7	433.2	399.2	369.1	342.3	318.3	296.7	277.2	259.6	243.7
1.075	1071	948.6	846.1	759.4	685.3	621.6	566.4	518.2	475.9	438.6	405.5	376	349.7	326	304.6	285.3	267.7
1.1	1174	1040	927.6	832.5	751.3	681.5	621	568.1	521.8	480.9	444.6	412.3	383.3	357.4	333.9	312.7	293.5
1.125	1284	1138	1015	910.8	822	745.6	679.4	621.6	570.8	526.1	486.4	451	419.4	391	365.3	342.2	321.1



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



Schroeder Torsion Bars



spring rates 7/8" x 14.5" bars solid effective length 10.75"

DIAMETER	ARM LENGTHS																
	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
0.5	102.6	90.85	81.04	72.73	65.64	59.54	54.25	49.63	45.58	42.01	38.84	36.02	33.49	31.22	29.17	27.32	25.64
0.525	124.7	110.4	98.5	88.4	79.79	72.37	65.94	60.33	55.41	51.06	47.21	43.78	40.71	37.95	35.46	33.21	31.17
0.55	150.2	133	118.6	106.5	96.1	87.17	79.42	72.67	66.74	61.51	56.87	52.73	49.03	45.71	42.71	40	37.54
0.575	179.4	158.9	141.7	127.2	114.8	104.1	94.88	86.81	79.72	73.47	67.93	62.99	58.57	54.6	51.02	47.79	44.85
0.6	212.7	188.4	168	150.8	136.1	123.5	112.5	102.9	94.52	87.11	80.54	74.68	69.44	64.74	60.49	56.65	53.17
0.625	250.4	221.8	197.8	177.6	160.3	145.4	132.4	121.2	111.3	102.6	94.82	87.93	81.76	76.22	71.22	66.7	62.6
0.65	292.9	259.5	231.4	207.7	187.5	170	154.9	141.8	130.2	120	110.9	102.9	95.65	89.17	83.32	78.03	73.23



Schroeder Torsion Bars



spring rates

7/8" x 22.5" bars solid and hollow effective length 18.5"

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
0.5	59.6	52.79	47.09	42.26	38.14	34.6	31.52	28.84	26.49	24.41	22.57	20.93	19.46	18.14	16.95	15.88	14.9
0.525	72.44	64.17	57.24	51.37	46.36	42.05	38.32	35.06	32.2	29.67	27.43	25.44	23.65	22.05	20.61	19.3	18.11
0.55	87.26	77.29	68.94	61.88	55.84	50.65	46.15	42.23	38.78	35.74	33.04	30.64	28.49	26.56	24.82	23.24	21.81
0.575	104.2	92.33	82.36	73.92	66.71	60.51	55.13	50.44	46.33	42.69	39.47	36.6	34.04	31.73	29.65	27.77	26.06
0.6	123.6	109.5	97.64	87.64	79.09	71.74	65.36	59.8	54.92	50.62	46.8	43.4	40.35	37.62	35.15	32.92	30.89
0.625	145.5	128.9	115	103.2	93.12	84.46	76.96	70.41	64.67	59.6	55.1	51.09	47.51	44.29	41.39	38.76	36.37
0.65	170.2	150.8	134.5	120.7	108.9	98.81	90.03	82.37	75.65	69.72	64.46	59.77	55.58	51.81	48.42	45.34	42.55
0.675	198	175.3	156.4	140.4	126.7	114.9	104.7	95.79	87.98	81.08	74.96	69.51	64.64	60.26	56.31	52.73	49.49
0.7	228.9	202.8	180.9	162.4	146.5	132.9	121.1	110.8	101.8	93.78	86.7	80.4	74.76	69.69	65.12	60.99	57.24
0.725	263.4	233.4	208.2	186.8	168.6	152.9	139.3	127.5	117.1	107.9	99.77	92.51	86.02	80.19	74.94	70.18	65.86
0.75	301.7	267.3	238.4	214	193.1	175.1	159.6	146	134.1	123.6	114.3	105.9	98.52	91.84	85.82	80.37	75.43
0.775	344	304.7	271.8	243.9	220.2	199.7	181.9	166.5	152.9	140.9	130.3	120.8	112.3	104.7	97.85	91.64	86
0.8	390.6	346	308.6	277	250	226.7	206.6	189	173.6	160	147.9	137.2	127.5	118.9	111.1	104	97.64
0.825	441.7	391.3	349	313.2	282.7	256.4	233.6	213.8	196.3	180.9	167.3	155.1	144.2	134.5	125.6	117.7	110.4
0.85	497.8	440.9	393.3	353	318.6	288.9	263.3	240.9	221.2	203.9	188.5	174.8	162.5	151.5	141.6	132.6	124.4
0.875	559	495.1	441.6	396.4	357.7	324.5	295.6	270.5	248.4	228.9	211.7	196.3	182.5	170.1	159	148.9	139.7
0.9	625.6	554.2	494.3	443.7	400.4	363.2	330.9	302.8	278.1	256.3	236.9	219.7	204.3	190.4	178	166.7	156.4
0.925	698.1	618.4	551.6	495	446.8	405.2	369.2	337.8	310.3	285.9	264.4	245.1	227.9	212.5	198.6	186	174.5
0.95	776.7	688	613.7	550.8	497.1	450.9	410.8	375.9	345.2	318.1	294.1	272.7	253.6	236.4	220.9	206.9	194.2
0.975	861.7	763.3	680.9	611.1	551.5	500.2	455.8	417	383	353	326.3	302.6	281.4	262.3	245.1	229.5	215.4



Schroeder Torsion Bars



spring rates

7/8" x 24.5" bars solid and hollow effective length 20.5"

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
0.6	111.5	98.79	88.12	79.09	71.37	64.74	58.99	53.97	49.57	45.68	42.23	39.16	36.42	33.95	31.72	29.71	27.88
0.625	131.3	116.3	103.7	93.11	84.03	76.22	69.45	63.54	58.36	53.78	49.72	46.11	42.87	39.97	37.35	34.98	32.83
0.65	153.6	136.1	121.4	108.9	98.31	89.17	81.25	74.34	68.27	62.92	58.17	53.94	50.16	46.76	43.69	40.92	38.4
0.675	178.6	158.2	141.1	126.7	114.3	103.7	94.49	86.45	79.39	73.17	67.65	62.73	58.33	54.38	50.81	47.59	44.66
0.7	206.6	183	163.2	146.5	132.2	119.9	109.3	99.99	91.83	84.63	78.24	72.55	67.46	62.89	58.77	55.04	51.65
0.725	237.7	210.6	187.8	168.6	152.2	138	125.7	115.1	105.7	97.38	90.03	83.49	77.63	72.37	67.63	63.33	59.44
0.75	272.3	241.2	215.1	193.1	174.3	158.1	144	131.8	121	111.5	103.1	95.61	88.91	82.88	77.45	72.53	68.07
0.775	310.4	275	245.3	220.1	198.7	180.2	164.2	150.2	138	127.2	117.6	109	101.4	94.5	88.3	82.7	77.61
0.8	352.5	312.2	278.5	249.9	225.6	204.6	186.4	170.6	156.7	144.4	133.5	123.8	115.1	107.3	100.3	93.89	88.12
0.825	398.6	353.1	315	282.7	255.1	231.4	210.8	192.9	177.2	163.3	151	140	130.2	121.3	113.4	106.2	99.66
0.85	449.2	397.9	354.9	318.5	287.5	260.8	237.6	217.4	199.6	184	170.1	157.7	146.7	136.7	127.8	119.7	112.3
0.875	504.4	446.8	398.6	357.7	322.8	292.8	266.8	244.1	224.2	206.6	191	177.1	164.7	153.5	143.5	134.4	126.1



Schroeder Torsion Bars



spring rates 1 1/8" x 26" bars hollow tubular effective length 20"

ARM LENGTHS

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

DIAMETER

0.9	568.2	503.3	448.9	402.9	363.6	329.8	300.5	275	252.5	232.7	215.2	199.5	185.5	173	161.6	151.4	142
0.925	638.8	565.8	504.7	453	408.8	370.8	337.9	309.1	283.9	261.6	241.9	224.3	208.6	194.4	181.7	170.2	159.7
0.95	713.7	632.2	563.9	506.1	456.7	414.3	377.5	345.4	317.2	292.3	270.3	250.6	233	217.2	203	190.1	178.4
0.975	793	702.5	626.6	562.4	507.5	460.4	419.5	383.8	352.5	324.8	300.3	278.5	258.9	241.4	225.6	211.3	198.3
1	877.1	776.9	693	622	561.3	509.1	463.9	424.4	389.8	359.3	332.1	308	286.4	267	249.5	233.6	219.3
1.025	966	855.7	763.2	685	618.2	560.7	510.9	467.5	429.3	395.7	365.8	339.2	315.4	294	274.8	257.3	241.5
1.05	1060	938.9	837.5	751.6	678.3	615.3	560.6	512.9	471.1	434.1	401.4	372.2	346.1	322.6	301.5	282.3	265



Schroeder Torsion Bars



spring rates 1 1/8" x 29" bars hollow tubular effective length 23"

ARM LENGTHS

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

DIAMETER

0.875	436.3	386.5	344.8	309.4	279.2	253.3	230.8	211.2	193.9	178.7	165.2	153.2	142.5	132.8	124.1	116.2	109.1
0.9	494.1	437.7	390.4	350.4	316.2	286.8	261.3	239.1	219.6	202.4	187.1	173.5	161.3	150.4	140.5	131.6	123.5
0.925	555.4	492	438.9	393.9	355.5	322.4	293.8	268.8	246.9	227.5	210.3	195.1	181.4	169.1	158	148	138.9
0.95	620.6	549.7	490.3	440.1	397.2	360.2	328.2	300.3	275.8	254.2	235	217.9	202.6	188.9	176.5	165.3	155.1
0.975	689.6	610.9	544.9	489	441.3	400.3	364.7	333.7	306.5	282.5	261.1	242.2	225.2	209.9	196.2	183.7	172.4
1	762.7	675.6	602.6	540.8	488.1	442.7	403.4	369.1	339	312.4	288.8	267.8	249	232.2	216.9	203.2	190.7
1.025	840	744.1	663.7	595.7	537.6	487.6	444.3	406.5	373.3	344.1	318.1	295	274.3	255.7	238.9	223.8	210
1.05	921.7	816.4	728.2	653.6	589.9	535	487.5	446	409.6	377.5	349	323.7	300.9	280.6	262.2	245.5	230.4
1.075	1008	892.8	796.3	714.7	645	585.1	533.1	487.7	447.9	412.8	381.7	353.9	329.1	306.8	286.7	268.5	252
1.1	1099	973.3	868.2	779.2	703.2	637.8	581.2	531.7	488.3	450.1	416.1	385.9	358.8	334.5	312.5	292.7	274.7



Schroeder Torsion Bars



spring rates 1 1/8" x 30" bars hollow tubular effective length 23"

ARM LENGTHS

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

DIAMETER

0.875	418.1	370.4	330.4	296.5	267.6	242.7	221.2	202.4	185.8	171.3	158.4	146.8	136.5	127.3	118.9	111.4	104.5
0.9	473.5	419.4	374.1	335.8	303	274.9	250.4	229.1	210.4	193.9	179.3	166.3	154.6	144.1	134.7	126.1	118.4
0.925	532.3	471.5	420.6	377.5	340.7	309	281.5	257.6	236.6	218	201.6	186.9	173.8	162	151.4	141.8	133.1
0.95	594.7	526.8	469.9	421.7	380.6	345.2	314.6	287.8	264.3	243.6	225.2	208.8	194.2	181	169.2	158.4	148.7
0.975	660.9	585.4	522.2	468.6	423	383.6	349.5	319.8	293.7	270.7	250.3	232.1	215.8	201.2	188	176	165.2
1	730.9	647.4	577.5	518.3	467.8	424.3	386.6	353.7	324.8	299.4	276.8	256.7	238.7	222.5	207.9	194.7	182.7
1.015	774.9	686.4	612.2	549.5	495.9	449.8	409.8	375	344.4	317.4	293.4	272.1	253	235.9	220.4	206.4	193.7
1.025	805	713.1	636	570.8	515.2	467.3	425.8	389.6	357.8	329.7	304.8	282.7	262.9	245	229	214.4	201.2
1.035	843.6	747.3	666.5	598.2	539.9	489.7	446.2	408.2	374.9	345.5	319.5	296.2	275.5	256.8	240	224.7	210.9
1.05	883.3	782.4	697.9	626.4	565.3	512.7	467.2	427.4	392.6	361.8	334.5	310.2	288.4	268.9	251.2	235.3	220.8
1.065	924	818.5	730.1	655.3	591.4	536.4	488.7	447.2	410.7	378.5	349.9	324.5	301.7	281.3	262.8	246.1	231
1.075	965.9	855.6	763.2	684.9	618.2	560.7	510.9	467.4	429.3	395.6	365.8	339.2	315.4	294	274.7	257.3	241.5
1.1	1053	932.8	832	746.7	673.9	611.3	557	509.6	468	431.3	398.8	369.8	343.8	320.5	299.5	280.5	263.2



Schroeder Torsion Bars



spring rates 1 1/8" x 29" bars solid and hollow effective length 23"

ARM LENGTHS

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

DIAMETER

0.7	184.2	163.1	145.5	130.6	117.9	106.9	97.4	89.12	81.85	75.43	69.74	64.67	60.13	56.06	52.38	49.06	46.04
0.725	211.9	187.7	167.4	150.3	135.6	123	112.1	102.5	94.18	86.8	80.25	74.41	69.19	64.5	60.27	56.45	52.98
0.75	242.7	215	191.7	172.1	155.3	140.9	128.4	117.4	107.9	99.4	91.9	85.22	79.24	73.87	69.03	64.65	60.67
0.775	276.7	245.1	218.6	196.2	177.1	160.6	146.3	133.9	123	113.3	104.8	97.16	90.35	84.22	78.7	73.71	69.17
0.8	314.2	278.3	248.2	222.8	201.1	182.4	166.2	152	139.6	128.7	119	110.3	102.6	95.63	89.36	83.69	78.54
0.825	355.3	314.7	280.7	252	227.4	206.3	187.9	171.9	157.9	145.5	134.6	124.8	116	108.2	101.1	94.65	88.83
0.85	400.4	354.7	316.3	283.9	256.2	232.4	211.8	193.8	177.9	164	151.6	140.6	130.7	121.9	113.9	106.7	100.1
0.875	449.6	398.3	355.2	318.8	287.7	261	237.8	217.6	199.8	184.2	170.3	157.9	146.8	136.9	127.9	119.8	112.4
0.9	503.2	445.8	397.6	356.9	322.1	292.1	266.2	243.5	223.7	206.1	190.6	176.7	164.3	153.2	143.1	134.1	125.8
0.925	561.5	497.4	443.7	398.2	359.4	326	297	271.7	249.6	230	212.6	197.2	183.3	170.9	159.7	149.6	140.4
0.95	624.7	553.4	493.6	443	399.8	362.6	330.4	302.3	277.7	255.9	236.6	219.4	204	190.2	177.7	166.4	156.2
0.975	693.1	614	547.6	491.5	443.6	402.4	366.6	335.4	308.1	283.9	262.5	243.4	226.3	211	197.2	184.6	173.3
1	767	679.4	606	543.9	490.9	445.2	405.7	371.2	340.9	314.2	290.5	269.3	250.4	233.5	218.2	204.3	191.7
1.025	846.6	749.9	668.9	600.4	541.8	491.5	447.8	409.7	376.3	346.8	320.6	297.3	276.4	257.7	240.8	225.5	211.7
1.05	932.3	825.8	736.6	661.1	596.7	541.2	493.1	451.2	414.3	381.9	353.1	327.4	304.4	283.8	265.2	248.3	233.1
1.075	1024	907.3	809.3	726.4	655.5	594.6	541.8	495.7	455.2	419.5	387.9	359.7	334.5	311.8	291.4	272.9	256.1
1.1	1123	994.7	887.3	796.3	718.7	651.9	594	543.4	499.1	460	425.3	394.3	366.7	341.8	319.4	299.1	280.7



Schroeder Torsion Bars



spring rates 1 1/8" x 30" bars solid and hollow effective length 24"

ARM LENGTHS

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

DIAMETER

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
0.975	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
1.025	811.3	718.7	641.1	575.3	519.3	471	429.1	392.6	360.6	332.3	307.2	284.9	264.9	247	230.8	216.1	202.8
1.05	893.4	791.4	705.9	633.6	571.8	518.6	472.6	432.4	397.1	365.9	338.3	313.7	291.7	272	254.1	238	223.4
1.075	981.6	869.5	775.6	696.1	628.2	569.8	519.2	475	436.3	402.1	371.7	344.7	320.5	298.8	279.2	261.5	245.4
1.1	1076	953.3	850.3	763.1	688.7	624.7	569.2	520.8	478.3	440.8	407.5	377.9	351.4	327.6	306.1	286.7	269



Schroeder Racing Products



Cup Front Sway Bar Spring Rates

37 1/2 Long Bars Hollow 1 1/2" 48 Spline Ends

Arm Length Center Distance inches

Diameter	lbs at 1 inch arm travel						
	11	11.5	12	12.5	13	13.5	14
7/8	183	167	154	141	131	121	113
15/16	243	222	204	188	174	161	150
1	316	289	265	244	226	209	195
1 1/16	402	368	338	312	288	267	248
1 1/8	506	463	425	392	362	336	312
1 3/16	628	575	528	486	450	417	388
1 1/4	775	709	651	600	555	515	478
1 5/16	944	863	793	731	676	626	582
1 3/8	1132	1036	951	876	810	751	699
1 7/16	1356	1241	1140	1050	971	900	837
1 1/2	1615	1477	1357	1250	1156	1072	997
1 9/16	1888	1727	1586	1462	1351	1252	1164
1 5/8	2190	2003	1839	1695	1567	1454	1351
1 11/16	2473	2263	2078	1915	1770	1642	1526
1 3/4	2774	2538	2330	2147	1985	1841	1712
1 13/16	3169	2897	2661	2452	2267	2102	1954
1 7/8	3580	3275	3008	2772	2563	2377	2210
1 15/16	4038	3694	3392	3126	2891	2681	2493
2	4560	4172	3832	3531	3264	3027	2815



Schroeder Racing Products



Cup Front Sway Bar Spring Rates

37 1/2 Long Bars Hollow & Solid 1 1/4" 49 Spline Ends

Arm Length Center Distance inches

Diameter	11	11.5	12	12.5	13	13.5	14
	lbs at 1 inch arm travel						
3/4	100	91	84	77	71	66	61
13/16	138	126	116	107	98	91	85
7/8	183	167	154	141	131	121	113
15/16	243	222	204	188	174	161	150
1	316	289	265	244	226	209	195
1 1/16	402	368	338	312	288	267	248
1 1/8	506	463	425	392	362	336	312
1 3/16	628	575	528	486	450	417	388
1 1/4	775	709	651	600	555	515	478
1 5/16	932	853	783	722	667	618	575
1 3/8	1107	1014	931	854	793	735	684
1 7/16	1304	1193	1096	1010	934	865	804
1 1/2	1523	1393	1279	1179	1090	1011	940
1 9/16	1783	1646	1497	1380	1276	1183	1101
1 5/8	2066	1890	1736	1601	1479	1371	1274
1 11/16	2328	2129	1956	1802	1667	1545	1437
1 3/4	2599	2378	2184	2012	1861	1725	1605



Schroeder Racing Products



Cup Front Sway Bar Spring Rates

37 1/2 Long Bars Hollow 1 3/4" 48 Spline Ends

Arm Length Center Distance inches

Diameter	lbs at 1 inch arm travel						
	11	11.5	12	12.5	13	13.5	14
7/8	183	167	154	141	131	121	113
15/16	243	222	204	188	174	161	150
1	316	289	265	244	226	209	195
1 1/16	402	368	338	312	288	267	248
1 1/8	506	463	425	392	362	336	312
1 3/16	628	575	528	486	450	417	388
1 1/4	775	709	651	600	555	515	478
1 5/16	944	863	793	731	676	626	582
1 3/8	1132	1036	951	876	810	751	699
1 7/16	1356	1241	1140	1050	971	900	837
1 1/2	1615	1477	1357	1250	1156	1072	997
1 9/16	1911	1748	1606	1480	1368	1268	1179
1 5/8	2244	2053	1885	1737	1606	1490	1385
1 11/16	2566	2348	2156	1987	1837	1704	1584
1 3/4	2914	2666	2448	2256	2086	1934	1799
1 13/16	3321	3039	2791	2572	2378	2205	2050
1 7/8	3749	3430	3150	2903	2684	2489	2315
1 15/16	4222	3862	3547	3269	3023	2803	2606
2	4760	4355	4000	3686	3408	3160	2938



Schroeder Racing Products



Cup Front Sway Bar Spring Rates

37 1/2 Long Bars Hollow 2" 48 Spline Ends

Arm Length Center Distance inches

Diameter	lbs at 1 inch arm travel						
	11	11.5	12	12.5	13	13.5	14
1 1/2	1615	1477	1357	1250	1156	1072	997
1 9/16	1911	1748	1606	1480	1368	1268	1179
1 5/8	2244	2053	1885	1737	1606	1490	1385
1 11/16	2566	2348	2156	1987	1837	1704	1584
1 3/4	2921	2672	2454	2262	2091	1939	1803
1 13/16	3362	3076	2825	2604	2407	2232	2075
1 7/8	3842	3515	3228	2975	2751	2551	2372
1 15/16	4380	4007	3680	3391	3136	2908	2704
2	5001	4575	4202	3872	3580	3320	3087
2 1/16	5651	5170	4748	4376	4046	3751	3488
2 1/8	6398	5853	5376	4954	4580	4247	3949
2 3/16	7175	6565	6029	5556	5137	4763	4429
2 1/4	8021	7338	6739	6211	5742	5325	4951
2 5/16	8952	8191	7500	6933	6410	5944	5527
2 3/8	9980	9131	8386	7728	7145	6626	6161
2 7/16	11056	10115	9290	8561	7915	7340	6825
2 1/2	11864	10855	9969	9187	8494	7877	7324



Schroeder Racing Products

Cup Front Sway Bar Spring Rates

37 1/2 Long Bars Hollow 2" & 1 3/4" 48 Spline



Diameter	Arm Length Center Distance inches						
	11	11.5	12	12.5	13	13.5	14
	lbs at 1 inch arm travel						
2 1/16	5651	5170	4748	4376	4046	3751	3488
2 1/8	6398	5853	5376	4954	4580	4247	3949
2 3/16	7175	6565	6029	5556	5137	4763	4429
2 1/4	8021	7338	6739	6211	5742	5325	4951
2 5/16	8952	8191	7500	6933	6410	5944	5527
2 3/8	9980	9131	8386	7728	7145	6626	6161
2 7/16	11056	10115	9290	8561	7915	7340	6825
2 1/2	11864	10855	9969	9187	8494	7877	7324



Schroeder Racing Products

Cup Rear sway bar spring rates
7/8" x 26" bars solid effective length 22"

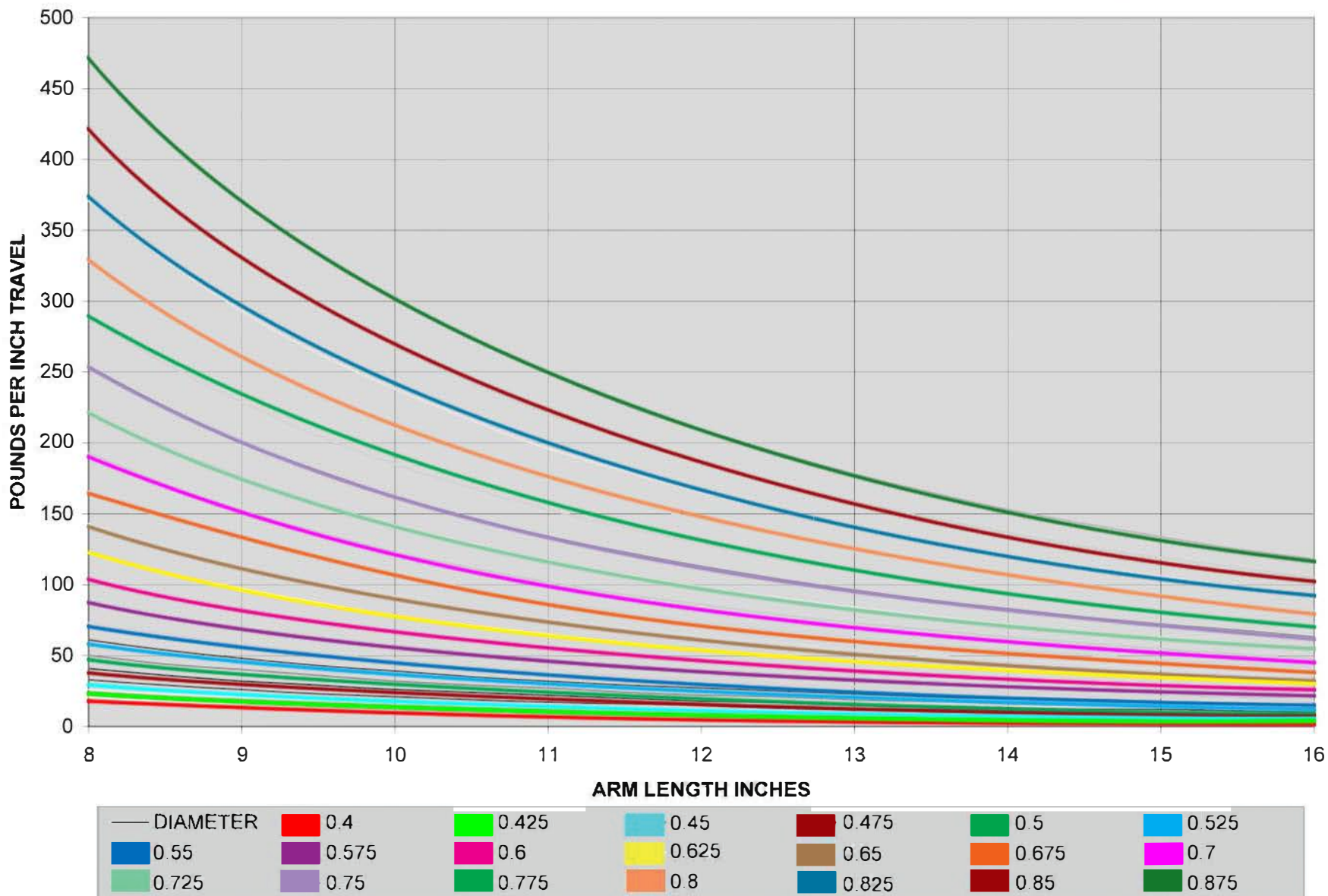


ARM LENGTHS

	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
DIAMETER																	
0.4	21	18	16	15	13	12	11	10	9	8	8	7	7	6	6	5	5
0.425	26	23	21	19	17	15	14	13	12	11	10	9	9	8	7	7	7
0.45	33	29	26	23	21	19	17	16	15	13	12	12	11	10	9	9	8
0.475	41	36	32	29	26	24	22	20	18	17	15	14	13	12	12	11	10
0.5	50	44	40	36	32	29	27	24	22	21	19	18	16	15	14	13	13
0.525	61	54	48	43	39	35	32	29	27	25	23	21	20	19	17	16	15
0.55	73	65	58	52	47	43	39	36	33	30	28	26	24	22	21	20	18
0.575	88	78	69	62	56	51	46	42	39	36	33	31	29	27	25	23	22
0.6	104	92	82	74	67	60	55	50	46	43	39	36	34	32	30	28	26
0.625	122	108	97	87	78	71	65	59	54	50	46	43	40	37	35	33	31
0.65	143	127	113	102	92	83	76	69	64	59	54	50	47	44	41	38	36
0.675	166	147	132	118	107	97	88	81	74	68	63	58	54	51	47	44	42
0.7	193	171	152	137	123	112	102	93	86	79	73	68	63	59	55	51	48
0.725	222	196	175	157	142	129	117	107	98	91	84	78	72	67	63	59	55
0.75	254	225	200	180	162	147	134	123	113	104	96	89	83	77	72	68	63
0.775	289	256	229	205	185	168	153	140	129	118	110	102	94	88	82	77	72
0.8	328	291	260	233	210	191	174	159	146	135	124	115	107	100	93	87	82
0.825	371	329	293	263	238	216	196	180	165	152	141	130	121	113	106	99	93
0.85	419	371	331	297	268	243	221	203	186	171	159	147	137	127	119	112	105
0.875	470	416	371	333	301	273	249	227	209	193	178	165	153	143	134	125	118



Schroeder Racing Products
Cup Rear sway bar spring rates
7/8" x 26" bars solid effective length 22"





Schroeder Racing Products
 Cup Rear sway bar spring rates
 7/8" x 28" bars solid effective length 24"



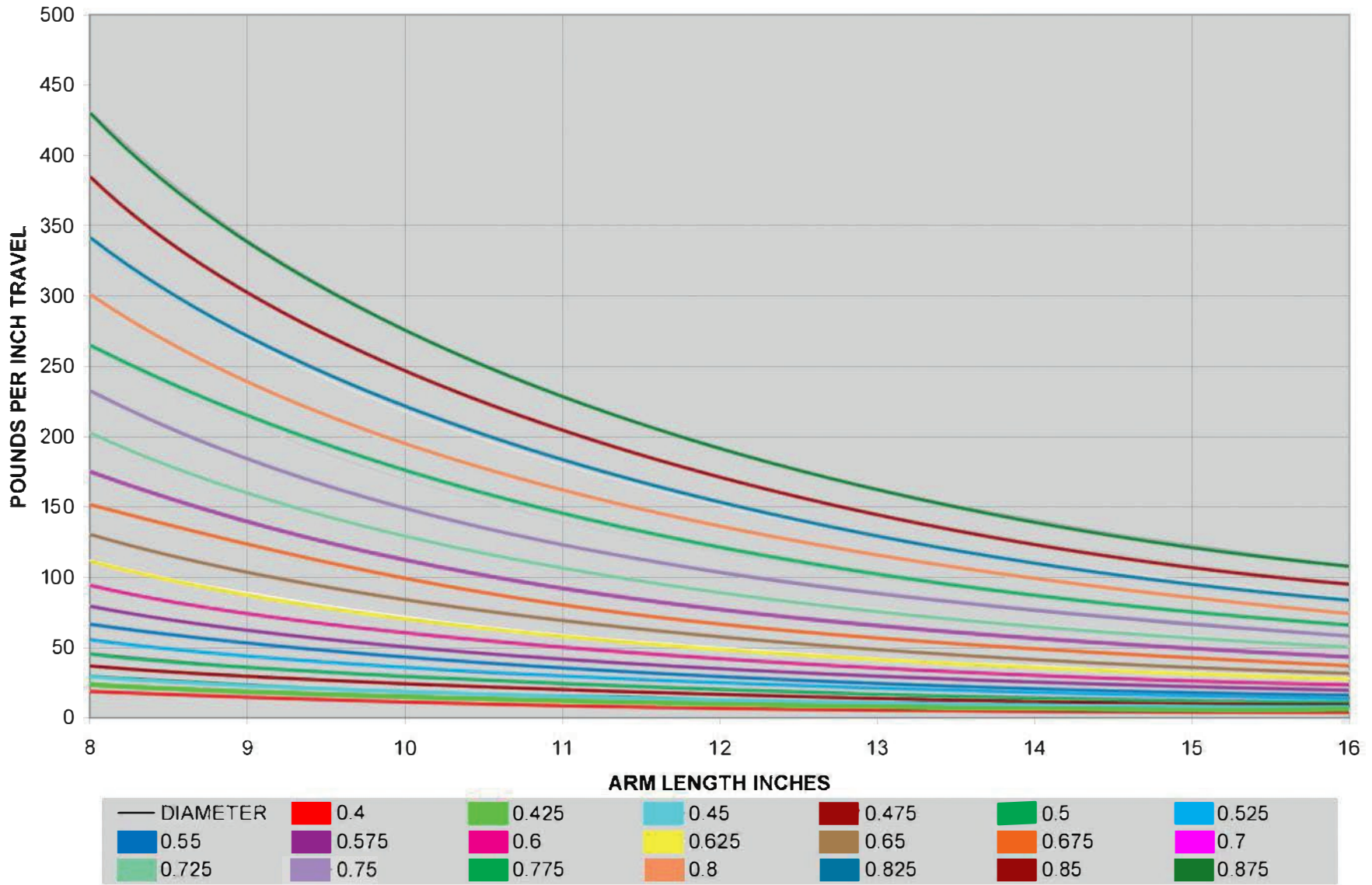
ARM LENGTHS

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	19	17	15	13	12	11	10	9	8	8	7	7	6	6	5	5	5
0.425	24	21	19	17	15	14	13	12	11	10	9	8	8	7	7	6	6
0.45	30	27	24	21	19	17	16	15	13	12	11	11	10	9	9	8	8
0.475	37	33	30	27	24	22	20	18	17	15	14	13	12	11	11	10	9
0.5	46	41	36	33	29	27	24	22	20	19	17	16	15	14	13	12	11
0.525	56	49	44	40	36	32	30	27	25	23	21	20	18	17	16	15	14
0.55	67	60	53	48	43	39	36	33	30	28	25	24	22	20	19	18	17
0.575	80	71	63	57	51	47	42	39	36	33	30	28	26	24	23	21	20
0.6	95	84	75	68	61	55	50	46	42	39	36	33	31	29	27	25	24
0.625	112	99	89	80	72	65	59	54	50	46	42	39	37	34	32	30	28
0.65	131	116	104	93	84	76	69	63	58	54	50	46	43	40	37	35	33
0.675	153	135	121	108	98	89	81	74	68	62	58	54	50	46	43	41	38
0.7	176	156	139	125	113	102	93	85	78	72	67	62	58	54	50	47	44
0.725	203	180	160	144	130	118	107	98	90	83	77	71	66	62	58	54	51
0.75	233	206	184	165	149	135	123	113	103	95	88	82	76	71	66	62	58
0.775	265	235	210	188	170	154	140	128	118	109	100	93	87	81	75	71	66
0.8	301	267	238	213	193	175	159	146	134	123	114	106	98	92	86	80	75
0.825	341	302	269	241	218	198	180	165	151	139	129	120	111	104	97	91	85
0.85	384	340	303	272	246	223	203	186	171	157	145	135	125	117	109	102	96
0.875	431	382	340	306	276	250	228	209	191	176	163	151	141	131	123	115	108



Schroeder Racing Products

Cup Rear sway bar spring rates
7/8" x 28" bars solid effective length 24"





Schroeder Racing Products
 Cup Rear sway bar spring rates
 7/8" x 43" bars solid 33" effective length



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
0.5	33	30	26	24	21	19	18	16	15	14	13	12	11	10	10	9	9
0.55	49	43	39	35	31	28	25	24	22	20	19	17	16	15	14	13	12
0.6	69	61	55	49	44	40	37	34	31	28	25	24	23	21	20	18	17
0.65	95	85	75	68	61	55	50	46	42	39	35	34	31	29	27	25	24
0.7	128	114	101	91	82	75	68	62	57	53	49	45	42	39	37	34	32
0.75	169	150	134	120	108	98	89	82	75	69	64	59	55	51	48	45	42
0.8	219	194	173	155	140	127	116	105	97	90	83	77	71	67	62	58	55
0.85	279	247	220	198	179	162	148	135	124	114	106	98	91	85	79	74	70
0.9	351	311	277	249	224	204	185	170	155	144	133	123	115	107	100	93	88



Schroeder Racing Products
Cup Rear sway bar spring rates
7/8" x 43" solid bars 33" effective length

