

Bottom Rail Weight per meter = 380g

System Diameter = 38mm - 1 1/2" Double Slot

Suitable Springs for 150g Fabrics w/thickness of .03mm		S1	0.8*200		1	0.9*300		
		2	1*250+Oil		3	1.2*300+Oil		
Width/Length	>17	24	36	48	60	72	84	96
Pre-Tension Recommendation								
24 - 84	26-28 turns	23-24 turns	30-39 turns	18-21 turns	20-29 turns	25-32 turns	27-35 turns	15-17 turns

Suitable Springs for 200g Fabrics w/thickness of .033mm		S1	0.8*200		1	0.9*300		
		2	1*250+Oil		3	1.2*300+Oil		
Width/Length	>17	24	36	48	60	72	84	96
Pre-Tension Recommendation								
24 - 84	28-29 turns	27-29 turns	17-18 turns	20-26 turns	25-30 turns	30-34 turns	12-16 turns	16-22 turns

Suitable Springs for 250g Fabrics w/thickness of .035mm		S1	0.8*200		1	0.9*300		
		2	1*250+Oil		3	1.2*300+Oil		
Width/Length	>17	24	36	48	60	72	84	96
Pre-Tension Recommendation								
24 - 84	29-32 turns	29-31 turns	19-21 turns	24-27 turns	29-32 turns	12-16 turns	15-20 turns	18-21 turns

Suitable Springs for 300g Fabrics w/thickness of .04mm		S1	0.8*200		2	1*250+Oil		
		3	1.2*300+Oil		4	1.3*300+Oil		
Width/Length	>17	24	36	48	60	72	84	96
Pre-Tension Recommendation								
24 - 84	30-35 turns	16-18 turns	22-24 turns	9-10 turns	11-14 turns	15-17 turns	10-11 turns	12-14 turns

Suitable Springs for 350g Fabrics w/thickness of .045mm		S2	0.9*200		2	1*250+Oil		
		3	1.2*300+Oil		4	1.3*300+Oil		
Width/Length	>17	24	36	48	60	72	84	96
Pre-Tension Recommendation								
24 - 84	10-12 turns	15-16 turns	24-25 turns	11-12 turns	15-17 turns	17-19 turns	12-14 turns	15-16 turns

Suitable Springs for 400g Fabrics w/thickness of .05mm		S2	0.9*200		2	1*250+Oil		
		3	1.2*300+Oil		4	1.3*300+Oil		
Width/Length	>17	24	36	48	60	72	84	96
Pre-Tension Recommendation								
24 - 84	12-14 turns	22-23 turns	29-30 turns	13-14 turns	17-18 turns	12-14 turns	14-15 turns	16-17 turns

Suitable Springs for 450g Fabrics w/thickness of .06mm		S2	0.9*200		2	1*250+Oil		
		3	1.2*300+Oil		4	1.3*300+Oil		5
		5	1.4*300+Oil		6	1.5*350+Oil		
Width/Length	>17	24	36	48	60	72	84	96
Pre-Tension Recommendation								
24 - 84	14-15 turns	23-25 turns	12-13 turns	16-18 turns	10-11 turns	13-14 turns	9-10 turns	11-12 turns

Suitable Springs for 500g Fabrics w/thickness of .065mm		S2	0.9*200		2	1*250+Oil		
		3	1.2*300+Oil		4	1.3*300+Oil		5
		5	1.4*300+Oil		6	1.5*350+Oil		
Width/Length	>17	24	36	48	60	72	84	96
Pre-Tension Recommendation								
24 - 84	16-17 turns	25-28 turns	13-14 turns	9-10 turns	13-14 turns	8-9 turns	11-12 turns	12-13 turns

Suitable Springs for 550g Fabrics w/thickness of .07mm		3	1.2*300+Oil		4	1.3*300+Oil		
		5	1.4*300+Oil		6	1.5*350+Oil		
Width/Length	>17	24	36	48	60	72	84	96
Pre-Tension Recommendation								
24 - 84	X	9-10 turns	13-16 turns	9-10 turns	13-14 turns	9-10 turns	13-14 turns	9-10 turns

Suitable Springs for 600g Fabrics w/thickness of .075mm		3	1.2*300+Oil		4	1.3*300+Oil		
		5	1.4*300+Oil		6	1.5*350+Oil		
Width/Length	>17	24	36	48	60	72	84	96
Pre-Tension Recommendation								
24 - 84	X	10-11 turns	15-17 turns	11-12 turns	8-9 turns	10-11 turns	8-9 turns	10 turns

Note1: Smaller/Lighter Shades may require adding weight into the bottom rail in order to achieve proper balance function.

Note2: The pre-tension recommendations above are suggested start points that may need adjusting dependant on fabric characteristics.

Fabrics that are tacky or inherently create static may need additional tension to be applied using the adjustment wheel.

Fabrics between 150 and 600g /M2		
FreeStop Spring #	Spring to Fabric Weight spec	
S1	0.8*200	Narrow width (17in minimum)
S2	0.9*200	Narrow width (17in minimum)
1	0.9*300	Between 150 - 300g/M2
2	1.0*250+miniOil	
3	1.2*300+miniOil	
4	1.3*300+Oil	Between 301 & 449g/M2
5	1.4*300+Oil	Between 450 & 549g/M2
6	1.5*350+Oil	Greater than 550g/M2