

CONFORCE DESIGN GUIDE T

SPRING LIFE = **3,000 CYCLES (Twin Coil)**

b →		A 1/16	B 1/8	C 3/16	D 1/4	E 5/16	F 3/8	G 1/2
t	ID	FORCE P				REFERENCE ONLY		
.001	.06	.11	.21	.32	.43			
.0015	.09	.16	.32	.48	.64			
.002	.12	.21	.43	.64	.85	1.07	1.28	1.71
.0025	.16	.27	.53	.80	1.07	1.33	1.60	2.13
.003	.19		.64	.96	1.28	1.60	1.92	2.56
.0035	.22		.75	1.12	1.49	1.86	2.24	2.98
.004	.25			1.28	1.71	2.13	2.56	3.41
.0045	.28			1.44	1.92	2.40	2.88	3.84
.005	.32				2.13	2.66	3.20	4.26
.0055	.35				2.34	2.93	3.52	4.69
.006	.38				2.56	3.20	3.84	5.12
.008	.51				3.41	4.26	5.12	6.82

Symbols used in Design Guide:

t = material thickness (inches)

b = material width (inches)

ID = coil diameter (inches) ± 10%

P = force (pounds)

(Normal force tolerance ± 10%)

