

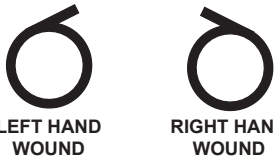
## TORSION SPRINGS - SPECIFY:

- 1. WINDING:** RHW or LHW? (See "*Winding Chart*").
- 2. WIRE SIZE:** Use Spring Wire Gauge, or measure 10 or 20 coils to nearest 1/16" and refer to "*Spring Wire Chart*".
- 3. INSIDE DIAMETER:** Measure I.D. to nearest 1/16" and refer to "*I.D. Chart*".  
**Note:** Manufacturers not listed on "I.D. Chart" probably use these I.D.'s: **1 3/4", 2", 2 5/8", 3 3/4", 5 1/4", or 6"**. These I.D.'s may often be verified by locating corresponding numbers on the spring fittings. (For example: "**175**" for **1 3/4"** I.D., "**200**" for **2"**, "**258**" or "**263**" for **2 5/8"**, etc.).
- 4. LENGTH:** Measure overall length of spring, or provide total number of coils in *unwound length* of spring.

## EXTENSION SPRINGS - SPECIFY:

- METHOD #1**
- Furnish spring length **EXAMPLE: 25"-42"-150#**
  - Amount of stretch
  - Pull of spring in pounds
- METHOD #2**
- Furnish wire size **EXAMPLE: .177-1-9/32" ID - 25" with Double Loops**
  - Inside diameter or outside diameter to nearest 1/32"
  - Length of spring (not including loops)
  - Type of ends
  - Specify if **wound tight** for a **one-piece door**
- METHOD #3**
- Furnish door width and height **EXAMPLE: 8' Wide x 7' High x 150 lbs**
  - Door weight

### WINDING CHART



### SPRING I.D. CHART

	BARCOL	CRAWFORD	McKEE	OVERHEAD	RAYNOR	ROWE	WAGNER	MOST OTHERS	Fittings Available From SSC
1-19/32"	●								No
1-3/4"	●	●	●	●	●	●	●	●	Yes ✓
1-13/16"	●								No
2"		●	●					●	Yes ✓
2-1/4"					●	●			Yes ✓
2-7/16"				●					No
2-1/2"							●		No
2-5/8"	●	●						●	Yes ✓
2-3/4"					●	●			No
2-25/32"	●								No
3"				●					No
3-3/8"				●					Yes ✓
3-1/2"					●				Yes ✓
3-3/4"							●		Yes ✓
3-25/32"	●								No
4"							●		No
4-3/8"				●					No
4-1/2"	●	●							No
4-7/8"						●			No
5-1/4"							●		Yes ✓
5-1/2"				●					Yes ✓
5-3/4"	●								Yes ✓
5-7/8"				●					Yes ✓
6"	●	●					●		Yes ✓
7-5/8"				●					Yes ✓

### SPRING WIRE CHART

Length of 10 Coils	Length of 20 Coils	Wire Size
1 1/4"	2 1/2"	.125
1 3/8"	2 3/4"	.135
1 7/16"	2 7/8"	.142
1 1/2"	3"	.1483
1 9/16"	3 1/8"	.1562
1 5/8"	3 1/4"	.162
1 11/16"	3 3/8"	.170
1 3/4"	3 1/2"	.177
1 7/8"	3 3/4"	.1875
1 15/16"	3 7/8"	.192
2 1/16"	4 1/8"	.207
2 3/16"	4 3/8"	.2187
2 1/4"	4 1/2"	.2253
2 5/16"	4 5/8"	.2343
2 7/16"	4 7/8"	.2437
2 1/2"	5"	.250
2 5/8"	5 1/4"	.2625
2 3/4"	5 1/2"	.273
2 13/16"	5 5/8"	.283
2 7/8"	5 3/4"	.289
2 15/16"	5 7/8"	.295
3 1/16"	6 1/8"	.3065
3 1/8"	6 1/4"	.3125
3 3/16"	6 3/8"	.3195
3 5/16"	6 5/8"	.331
3 7/16"	6 7/8"	.3437
3 5/8"	7 1/4"	.3625
3 3/4"	7 1/2"	.375
3 15/16"	7 7/8"	.3938
4 1/16"	8 1/8"	.4062
4 7/32"	8 7/16"	.4218
4 5/16"	8 5/8"	.4305
4 3/8"	8 3/4"	.4375
4 17/32"	9 1/16"	.4531
4 5/8"	9 1/4"	.4615
4 11/16"	9 3/8"	.4687
4 7/8"	9 3/4"	.490
5"	10"	.500
5 5/16"	10 5/8"	.5312
5 5/8"	11 1/4"	.5625
6 1/4"	12 1/2"	.625

### RAYNOR I.D. CODES

- A = 1-13/16"
- B = 2-1/4"
- C = 3-1/2"
- D = 5-1/2"
- R = Right Wound
- L = Left Wound

### DASMA OFFICIAL COLOR CODES

TORSION SPRINGS		EXTENSION SPRINGS	
.148	TAN	10#	WHITE
.162	GREEN	20#	GREEN
.177	GOLD	30#	YELLOW
.1875	BLUE	40#	BLUE
.192	ORANGE	50#	RED
.207	YELLOW	60#	BROWN
.2187	WHITE	70#	ORANGE
.2253	RED	80#	GOLD
.2343	BROWN	90#	LT. BLUE
.2437	GREEN	100#	TAN
.250	GOLD	110#	WHITE
.2625	BLUE	120#	GREEN
.273	ORANGE	130#	YELLOW
.283	LT. BLUE	140#	BLUE
.289	YELLOW	150#	RED
.295	WHITE	160#	BROWN
.3065	BROWN	170#	ORANGE
.3125	TAN	180#	GOLD
.3195	GREEN	190#	LT. BLUE
.331	GOLD	200#	TAN
.3437	BLUE	210#	WHITE
.3625	ORANGE	220#	GREEN
.375	LT. BLUE	230#	YELLOW
.3938	YELLOW	240#	BLUE
.4062	WHITE	250#	RED
.4218	RED	260#	BROWN
.4305	BROWN	270#	ORANGE
.4375	TAN	280#	GOLD
.4531	GREEN	290#	LT. BLUE
.4615	GOLD	300#	TAN
.4687	BLUE		
.490	LT. BLUE		
.500	YELLOW		
.5312	WHITE		
.5625	RED		

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