



# COMMERCIAL & RESIDENTIAL GARAGE DOOR DIVISION DASMA TECHNICAL DATA SHEET

Door & Access Systems  
Manufacturers Association  
International

## #171

**1300 Sumner Avenue  
Cleveland, Ohio 44115-2851  
Phone: 216-241-7333 • Fax: 216-241-0105  
E-mail: [dasma@dasma.com](mailto:dasma@dasma.com)**

## Official Color Codes for Torsion and Extension Springs

This DASMA Technical Data Sheet provides official color codes for torsion and extension springs. Codes for the following types of springs appear on the following pages:

- Torsion Springs For Sectional Doors - Page 2
- Extension Springs For Sectional Doors - Page 3
- Color Examples - Page 4

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**Note: Technical Data Sheets are information tools only and should not be used as substitutes for instructions from individual manufacturers. Always consult with individual manufacturers for specific recommendations for their products and check the applicable local regulations.**

This Technical Data Sheet was prepared by the members of DASMA's Commercial & Residential Garage Door Division Technical Committee. DASMA is a trade association comprising manufacturers of rolling doors, fire doors, grilles, counter shutters, sheet doors, and related products; upward-acting residential and commercial garage doors; operating devices for garage doors and gates, sensing devices, and electronic remote controls for garage doors and gate operators; as well as companies that manufacture or supply either raw materials or significant components used in the manufacture and installation of the Active Members' products.

TORSION SPRINGS FOR SECTIONAL DOORS					
Wire Diameter (Inches)	Color	Wire Diameter (mm)	Wire Diameter (Inches)	Color	Wire Diameter (mm)
.1200	Orange	3.00 mm (.1181")	.2950	White	6.80 mm (.2677")
.1250	Light Blue		.2970	Red	7.00 mm (.2755")
.1350	Yellow	3.20 mm (.1260")	.3065	Brown	7.30 mm (.2874")
.1390	White		.3125	Tan	7.35 mm (.2894")
.1430	Red	3.40 mm (.1339")	.3195	Green	7.50 mm (.2953")
.1480	Brown		.3310	Gold	7.60 mm (.2992")
.1562	Tan	3.50 mm (.1378")	.3437	Blue	7.80 mm (.3071")
.1620	Green	3.60 mm (.1417")	.3625	Orange	8.00 mm (.3150")
.1770	Gold		.3750	Light Blue	8.10 mm (.3189")
.1820	Purple	3.80 mm (.1496")	.3938	Yellow	8.40 mm (.3307")
.1875	Blue	4.00 mm (.1575")	.4062	White	8.80 mm (.3465")
.1920	Orange	4.20 mm (.1654")	.4218	Red	9.20 mm (.3622")
.2000	Light Blue	4.50 mm (.1772")	.4305	Brown	9.60 mm (.3780")
.2070	Yellow	4.60 mm (.1811")	.4375	Tan	10.00 mm (.3937")
.2187	White	4.70 mm (.1850")	.4531	Green	10.50 mm (.4134")
.2253	Red	4.80 mm (.1890")	.4615	Gold	10.70 mm (.4213")
.2340	Brown	5.00 mm (.1969")	.4687	Blue	11.00 mm (.4331")
.2375	Tan	5.25 mm (.2067")	.4844	Orange	11.10 mm (.4370")
.2437	Green	5.50 mm (.2165")	.4900	Light Blue	11.50 mm (.4528")
.2500	Gold	5.75 mm (.2264")	.5000	Yellow	11.70 mm (.4606")
.2570	Purple	6.00 mm (.2362")	.5312	White	12.00 mm (.4724")
.2625	Blue	6.05 mm (.2382")	.5625	Red	12.30 mm (.4843")
.2730	Orange	6.25 mm (.2461")	.5938	Purple	12.50 mm (.4921")
.2830	Light Blue	6.40 mm (.2520")	.6250	Brown	13.00 mm (.5118")
.2890	Yellow	6.50 mm (.2559")	Unspecified/ Not on List	Black	Unspecified/ Not on List

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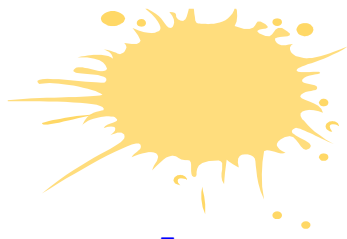
EXTENSION SPRINGS FOR SECTIONAL DOORS		
Door Weight (Pounds)	Color	Door Weight (Kilograms)
10	White	5 (11.0#)
20	Green	10 (22.1#)
30	Yellow	15 (33.1#)
40	Blue	20 (44.1#)
50	Red	25 (55.1#)
60	Brown	
70	Orange	30 (66.1#)
80	Gold	35 (77.2#)
90	Light Blue	40 (88.2#)
100	Tan	45 (99.2#)
110	White	50 (110.2#)
120	Green	55 (121.3#)
130	Yellow	60 (132.3#)
140	Blue	65 (143.3#)
150	Red	70 (154.3#)
160	Brown	
170	Orange	75 (165.4#)
180	Gold	80 (176.4#)
190	Light Blue	85 (187.4#)
200	Tan	90 (198.4#)
210	White	95 (209.4#)
220	Green	100 (220.5#)
230	Yellow	105 (231.5#)
240	Blue	110 (242.5#)
250	Red	115 (253.5#)
260	Brown	
270	Orange	120 (264.6#)
280	Gold	125 (275.6#)
290	Light Blue	130 (286.6#)
300	Tan	135 (297.6#)
Unspecified/Not on List	Black	Unspecified/Not on List

**Example:** Two tan color-coded extension springs are required to lift a 100 lb. sectional door.

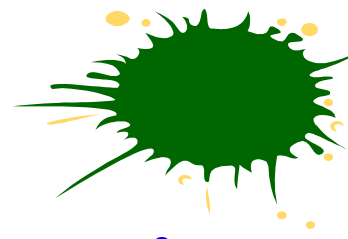
**CAUTION:** Color codes should be substantiated by physical spring measurements, door weights, and other information as recommended by the spring manufacturer, to ensure the proper replacement, particularly on older installations.

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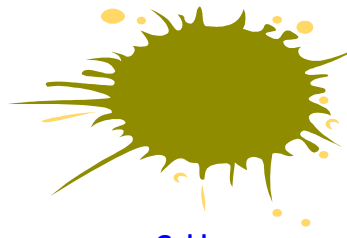
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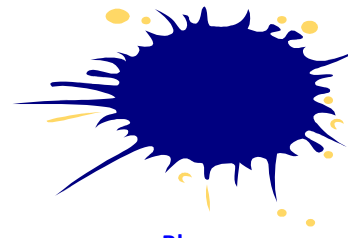
Tan



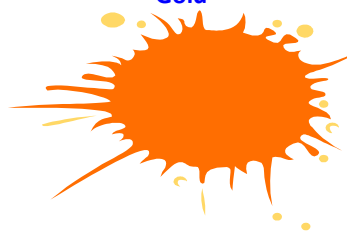
Green



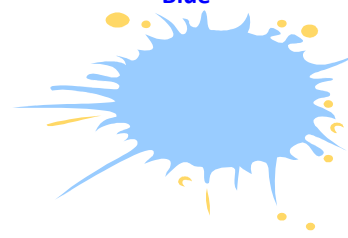
Gold



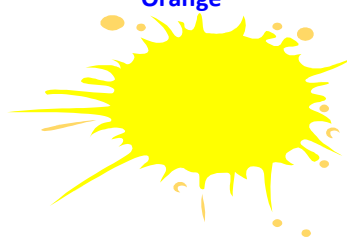
Blue



Orange



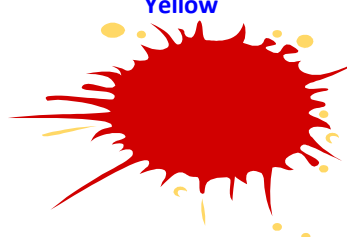
Lt. Blue



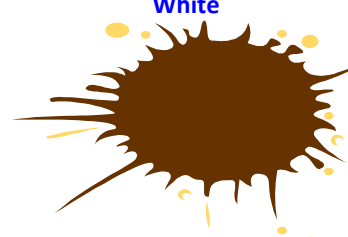
Yellow



White



Red



Brown

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