



# DASMA TECHNICAL DATA SHEET

Door & Access Systems  
Manufacturers Association  
International

COMMERCIAL & RESIDENTIAL GARAGE DOOR DIVISION

## #171

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## Official Color Codes for Torsion and Extension Springs

TORSION SPRINGS FOR SECTIONAL DOORS

WIRE DIAMETER ENGLISH	COLOR	WIRE DIAMETER METRIC
.1200"	Orange	3.00 (.1181")
.1240"	Lt. Blue	3.20 (.1260")
.1330"	Yellow	3.40 (.1339")
.1370"	White	
.1430"	Red	3.60 (.1417")
.1460"	Brown	3.80 (.1496")
.1480"	Tan	4.00 MM (.1575")
.1620"	Green	4.20 MM (.1654")
.1770"	Gold	4.40 MM (.1732")
.1875"	Blue	4.60 MM (.1811")
.1920"	Orange	4.80 MM (.1890")
.2000"	Lt. Blue	5.00 MM (.1969")
.2070"	Yellow	5.25 MM (.2067")
.2187"	White	5.50 MM (.2165")
.2253"	Red	5.75 MM (.2264")
.2340"	Brown	6.00 MM (.2362")
.2375"	Tan	
.2437"	Green	6.25 MM (.2461")
.2500"	Gold	6.50 MM (.2559")
.2625"	Blue	6.80 MM (.2677")
.2730"	Orange	7.00 MM (.2755")
.2830"	Lt. Blue	7.30 MM (.2874")
.2890"	Yellow	
.2950"	White	
.2970"	Red	7.60 MM (.2992")
.3065"	Brown	
.3125"	Tan	8.00 MM (.3150")
.3195"	Green	
.3310"	Gold	8.40 MM (.3307")
.3437"	Blue	8.80 MM (.3465")
.3625"	Orange	9.20 MM (.3622")
.3750"	Lt. Blue	9.60 MM (.3780")
.3938"	Yellow	10.00 MM (.3937")
.4062"	White	10.50 MM (.4134")
.4218"	Red	
.4305"	Brown	11.00 MM (.4331")
.4375"	Tan	
.4531"	Green	11.50 MM (.4528")
.4615"	Gold	
.4687"	Blue	12.00 MM (.4724")
.4844"	Orange	
.4900"	Lt. Blue	12.50 MM (.4921")
.5000"	Yellow	13.00 MM (.5118")
.5310"	White	13.50 MM (.5315")
.5620"	Red	14.00 MM (.5512")

**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.

**EXTENSION SPRINGS FOR SECTIONAL DOORS**

<b>DOOR WEIGHT POUNDS</b>	<b>COLOR</b>	<b>DOOR WEIGHT KILOGRAMS</b>
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	Lt. 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	Lt. 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	Lt. Blue	130 (286.6#)
300	Tan	135 (297.6#)

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

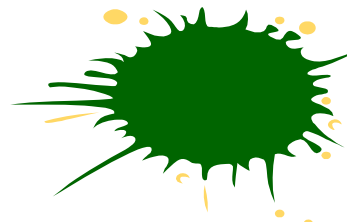
**CAUTION:** Color codes should be substantiated by physical spring measurements, door weights, and other information as recommended by the spring manufacturer, to insure the proper replacement, particularly on older installations.

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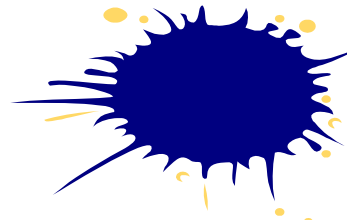
Tan



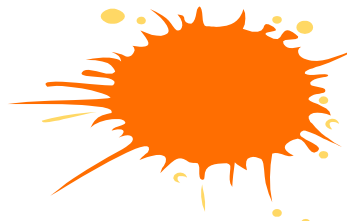
Green



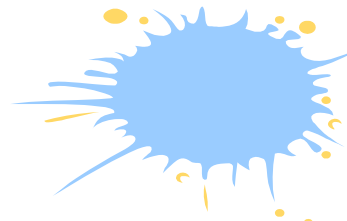
Gold



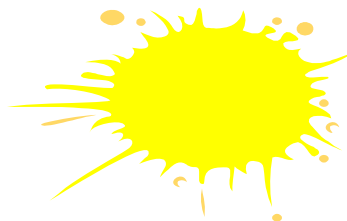
Blue



Orange



Lt. Blue



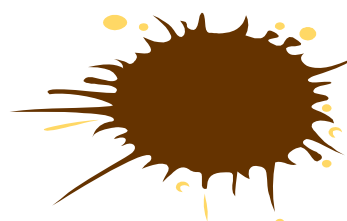
Yellow



White



Red



Brown

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