



DASMA
Door & Access Systems
Manufacturers Association
International

COMMERCIAL & RESIDENTIAL GARAGE DOOR DIVISION

TECHNICAL DATA SHEET

#171

1300 Sumner Avenue
Cleveland, Ohio 44115-2851
Phone: 216-241-7333 • Fax: 216-241-0105
E-mail: dasma@dasma.com

Official Color Codes for Torsion and Extension Springs

This DASMA Technical Data Sheet (TDS) provides official color codes for torsion and extension springs. It is intended to be used by manufacturers in the design and fabrication of springs for sectional doors. It should not be used by homeowners or maintenance personnel to replace garage door springs. Replacement of springs on garage doors should only be performed by a trained door systems technician.

Please note, color coding provides only partial identification for springs, pertaining only to the spring characteristics charted in this TDS. Many other crucial aspects of spring design are not encompassed herein, including but not limited to inner diameter, length, stretch, material type, and finish.

See TDS 160 for definitions of torsion and extension springs.

Contents

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

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 (Inches)	Color
.1200	Orange		.2950	White
.1250	Light Blue		.2970	Red
.1350	Yellow		.3065	Brown
.1390	White		.3125	Tan
.1430	Red		.3195	Green
.1480	Brown		.3310	Gold
.1562	Tan		.3437	Blue
.1620	Green		.3625	Orange
.1770	Gold		.3750	Light Blue
.1820	Purple		.3938	Yellow
.1875	Blue		.4062	White
.1920	Orange		.4218	Red
.2000	Light Blue		.4305	Brown
.2070	Yellow		.4375	Tan
.2187	White		.4531	Green
.2253	Red		.4615	Gold
.2340	Brown		.4687	Blue
.2375	Tan		.4844	Orange
.2437	Green		.4900	Light Blue
.2500	Gold		.5000	Yellow
.2570	Purple		.5312	White
.2625	Blue		.5625	Red
.2730	Orange		.5938	Purple
.2830	Light Blue		.6250	Brown
.2890	Yellow		Unspecified/ Not on List	Black

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		
Door Weight (Pounds)	Color	Door Weight (Kilograms)
50	Red	23
60	Brown	27
70	Orange	32
80	Gold	36
90	Light Blue	41
100	Tan	45
110	White	50
120	Green	54
130	Yellow	59
140	Blue	64
150	Red	68
160	Brown	73
170	Orange	77
180	Gold	82
190	Light Blue	86
200	Tan	91
210	White	95
220	Green	100
230	Yellow	104
240	Blue	109
250	Red	113
260	Brown	118
270	Orange	122
280	Gold	127
290	Light Blue	132
300	Tan	136
Unspecified/Not on List	Black	Unspecified/Not on List

NOTE: Two extension springs are required for the corresponding door weight.

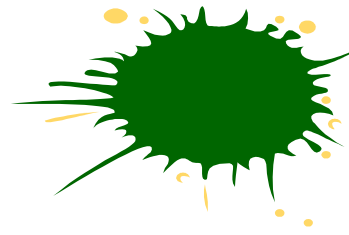
CAUTION: Color codes should be substantiated by physical spring measurements, door weights, and other information as recommended by the door manufacturer, to ensure the proper replacement, particularly on older installations.

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.

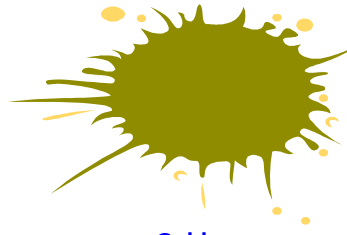
This Technical Data Sheet was prepared by the members of DASMA's Commercial & Residential Garage Door Division Technical Committee. DASMA is a trade association comprising manufacturers of rolling doors, fire doors, grilles, counter shutters, sheet doors, and related products; upward-acting residential 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.



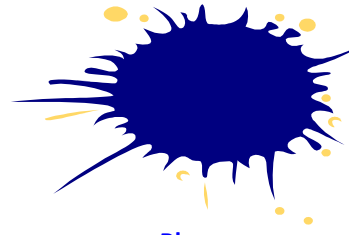
Tan



Green



Gold



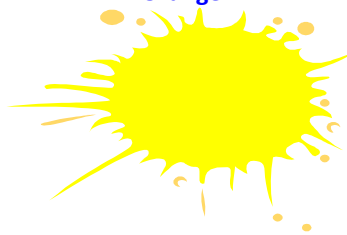
Blue



Orange



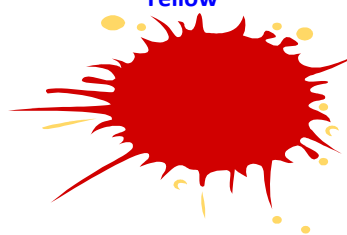
Light Blue



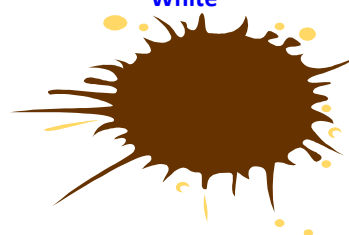
Yellow



White



Red



Brown

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.