

TIMBREN

AEON RUBBER SPRINGS



AEON® HOLLOW RUBBER SPRINGS - TABLE OF DIMENSIONS

AEON Type	Nominal Rated Capacity Lbs.	Bump Load Capacity Lbs.	(A) Nominal Height Inches	(B) Nominal O.D. Inches	(C) Maximum Deflected Height Inches	(A)-(C) Maximum Deflection Inches	(D) Maximum Diameter Inches	Cup	Shipping Weight Lbs.-oz.
SINGLE CONVOLUTION									
A140-65	500	900	1-7/8	2-5/16	0-11/16	1-3/16	3-1/2	A16060	0-5
A140-75	600	1200	1-7/8	2-5/16	0-11/16	1-3/16	3-1/4	A16060	0-5
A155-45	150	225	2-1/8	2-1/8	0-7/8	1-1/4	3-1/8	A16060	0-3
A155-65	300	660	2-1/8	2-1/8	0-7/8	1-1/4	3-1/8	A16060	0-3
A170-55	500	2,800	2-3/4	3-3/8	1-1/8	1-5/8	5	A1602B	0-12
A170-75	900	5,000	2-3/4	3-3/8	1-1/8	1-5/8	4-7/8	A1602B	0-12
A180-65	2,000	6,500	2-3/8	2-7/8	0-15/16	1-7/16	3-3/8	A1602B	0-11
A180-75	7,000	10,000	2-3/8	2-7/8	0-15/16	1-7/16	3-3/8	A1602B	0-11
A103B-55	2,500	4,000	3-9/16	4-1/4	1-11/16	1-7/8	6	A16010	1-8
A103B-65	3,500	4,500	3-9/16	4-1/4	1-11/16	1-7/8	6	A16010	1-8
A103B-75	4,000	6,500	3-9/16	4-1/4	1-11/16	1-7/8	6	A16010	1-8
A1525-45	3,000	4,000	4-3/4	5-9/16	2-1/4	2-1/2	8-1/4	A16040	3-5
A1525-55	3,500	4,500	4-3/4	5-9/16	2-1/4	2-1/2	8-1/4	A16040	3-5
A1525-65	5,000	6,500	4-3/4	5-9/16	2-1/4	2-1/2	7-5/8	A16040	3-5
A1525-75	7,500	10,000	4-3/4	5-9/16	2-1/4	2-1/2	7-1/2	A16040	3-5
A1550-65	10,000	15,000	5-1/2	7	2-1/4	3-1/4	8-1/2	N/A	6-8

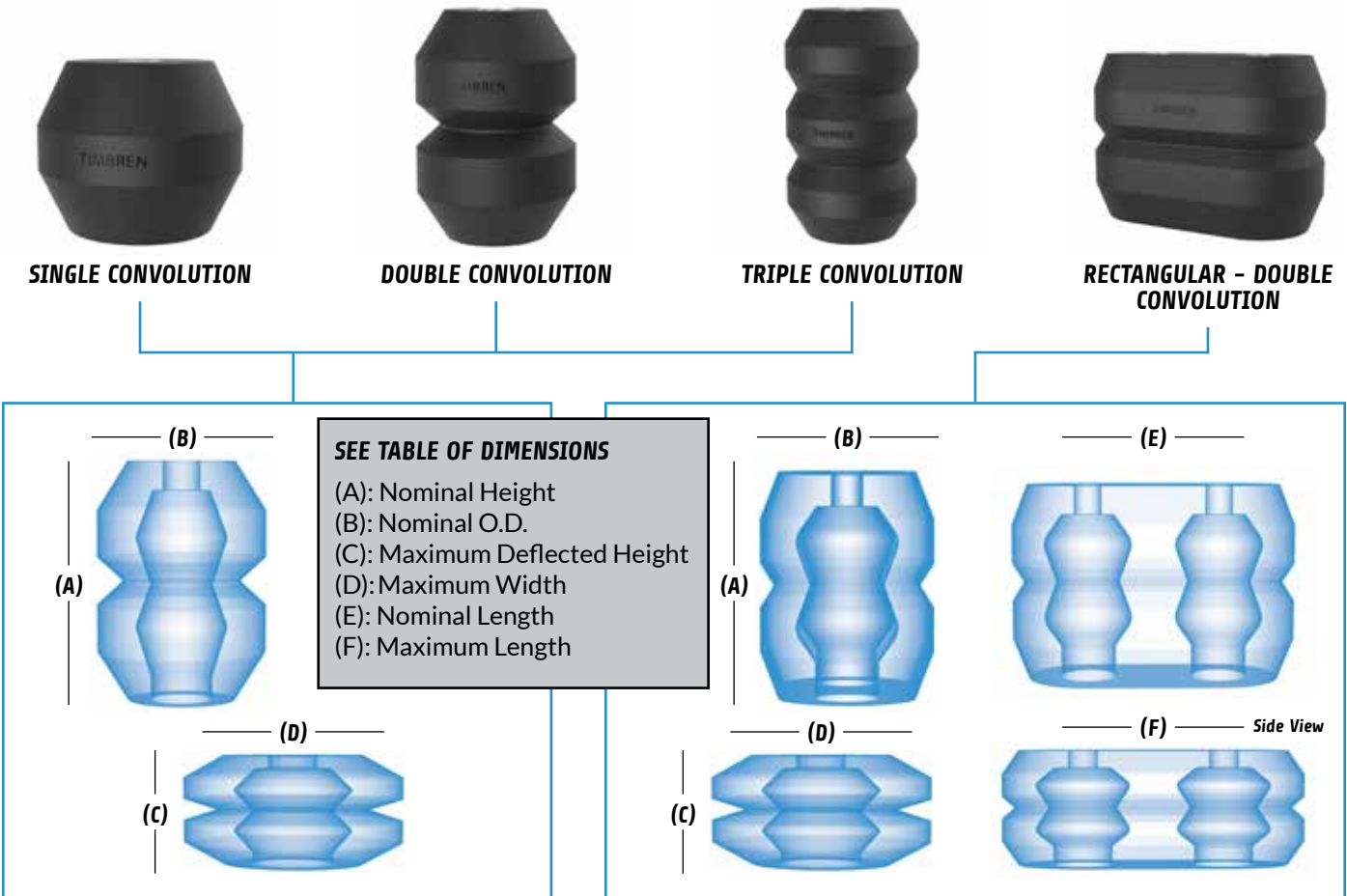
DOUBLE CONVOLUTION									
A515-55	1,000	2,400	3-3/4	3-3/8	1-1/2	2-1/4	4-7/8	A1602B	0-13
A515-65	1,500	4,000	3-3/4	3-3/8	1-1/2	2-1/4	4-7/8	A1602B	0-13
A520-65	1,000	3,500	3-15/16	2-3/8	1-5/8	2-5/16	3-1/2	A16060	0-8
A520-75	1,200	4,400	3-15/16	2-3/8	1-5/8	2-5/16	3-1/2	A16060	0-8
A525-55	1,250	2,750	3	2-3/8	1-1/4	1-3/4	3-1/2	A16060	0-7
A525-65	1,750	4,750	3	2-3/8	1-1/4	1-3/4	3-1/2	A16060	0-7
A525-75	2,800	7,500	3	2-3/8	1-1/4	1-3/4	3-1/2	A16060	0-8
A530-45	700	1,200	4-3/4	3-3/8	2	2-3/4	5-1/8	A1602B	1-3
A530-55	1,000	2,800	4-3/4	3-3/8	2	2-3/4	5	A1602B	1-3
A530-65	1,500	3,000	4-3/4	3-3/8	2	2-3/4	4-5/8	A1602B	1-3
A535-55	1,800	3,500	5-1/8	3-15/16	2	3-1/8	6-1/4	A1602A	1-13
A535-65	3,000	6,500	5-1/8	3-15/16	2	3-1/8	6-1/4	A1602A	1-13
A540-55	2,800	5,000	5-3/16	4-5/16	2-3/16	3	6-3/4	A16010	2-3
A540-65	4,300	9,000	5-3/16	4-5/16	2-3/16	3	6-3/4	A16010	2-3
A540-75	6,000	12,000	5-3/16	4-5/16	2-3/16	3	6-3/8	A16010	2-3
A545-55	2,800	5,000	4-1/2	4	1-3/4	2-3/4	6	A16010	1-10
A545-65	4,300	9,000	4-1/2	4	1-3/4	2-3/4	5-3/4	A16010	1-10
A545-75	6,000	12,000	4-1/2	4	2	2-1/2	5-1/2	A16010	1-11
A550-55	1,500	5,000	3-3/4	3-3/4	1-3/8	2-3/8	5-7/8	A1602A	1-2
A550-65	3,000	11,500	3-3/4	3-3/4	1-3/8	2-3/8	5-7/8	A1602A	1-2
A550-75	4,000	13,500	3-3/4	3-3/4	1-3/8	2-3/8	5-7/8	A1602A	1-2
A560-55	5,000	9,000	7-1/4	5-5/16	2-15/16	4-7/16	8-7/8	A1604A	4-15
A560-65	8,000	22,500	7-1/4	5-5/16	2-15/16	4-7/16	8-7/8	A1604A	4-15
A560-75	10,000	30,000	7-1/4	5-5/16	2-15/16	4-7/16	8-7/8	A1604A	4-15
A570-55	6,500	17,000	9-1/2	6-1/2	3-13/16	5-11/16	10-3/4	C10004-S	11-0
A570-65	10,000	30,000	9-1/2	6-1/2	3-13/16	5-11/16	10-3/4	C10004-S	11-0
A590-65	15,000	50,000	9-1/2	7-1/2	3-13/16	5-11/16	10	N/A	15-8
A720-55	600	1,600	4-5/8	2-5/8	1-7/8	2-3/4	4	A1602B	0-11
A720-65	650	1,800	4-5/8	2-5/8	1-7/8	2-3/4	4	A1602B	0-11
A720-75	800	2,600	4-5/8	2-5/8	1-7/8	2-3/4	4	A1602B	0-11

TRIPLE CONVOLUTION									
A740-75	5,000	12,500	7-3/8	4-5/16	3	4-3/8	6-7/8	A16050	3-2
A760-65	8,500	11,000	9-1/2	5-5/16	4-1/4	5	7-7/8	A16030	6-7
A760-75	11,000	15,500	9-1/2	5-5/16	4-1/4	5	7-7/8	A16030	6-7

AEON Type	Nominal Rated Capacity Lbs.	Bump Load Capacity Lbs.	(A) Nominal Height Inches	(B) Nominal Width Inches	(C) Height at Maximum Deflection Inches	(A)-(C) Maximum Deflection Inches	(D) Maximum Width Inches	(E) Nominal Length Inches	(F) Maximum Length Inches	Shipping Weight Lbs.-oz.
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RECTANGULAR - DOUBLE CONVOLUTION										
A0100-55	3,500	6,500	4-5/8	2-5/8	2-1/8	2-1/2	3-1/4	5	6-1/2	1-15
A0100-65	5,500	7,000	4-5/8	2-5/8	2-1/4	2-3/8	3-1/4	5	6-1/2	1-15
A0100-75	6,000	8,000	4-5/8	2-5/8	2-1/4	2-3/8	3-1/4	5	6-1/2	1-15
A0200-55	4,000	9,000	5-1/8	3-15/16	2-1/16	3-1/16	7-1/4	7-1/2	10-1/2	3-13
A0200-65	7,500	20,000	5-1/8	3-15/16	2-1/16	3-1/16	7	7-1/2	10-1/2	3-13
A0200-75	8,000	22,000	5-1/8	3-15/16	2-1/16	3-1/16	6-7/8	7-1/2	10-1/2	3-13
A0260-55	9,000	16,500	6-15/16	4-7/16	2-15/16	4	8	10-3/16	14-1/2	9-8
A0260-65	14,000	38,000	6-15/16	4-7/16	2-15/16	4	7-7/8	10-3/16	14-1/4	9-8
A0260-75	20,000	55,000	6-15/16	4-7/16	2-15/16	4	7-7/8	10-3/16	14	9-8
A0300-65	32,000	90,000	7-1/4	5-15/16	3	4-1/4	10	11-11/16	16-1/4	13-9
A0300-75	45,000	110,000	7-1/4	5-15/16	3	4-1/4	9-3/4	11-11/16	16	13-9
A0325-65	50,000	125,000	7-7/16	7-7/16	3	4-7/16	12-1/4	13-3/16	18-3/8	21-0

AEON® HOLLOW RUBBER SPRINGS - HOW TO READ THE TABLE OF DIMENSIONS

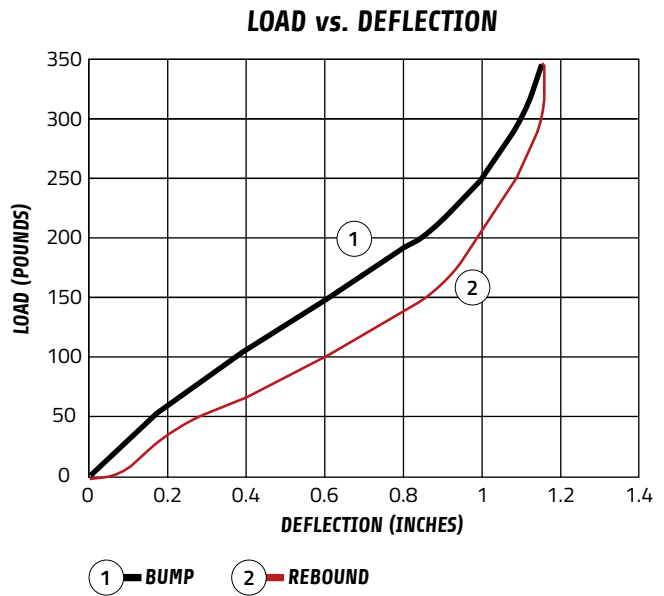


AEON® HOLLOW RUBBER SPRINGS - LOAD DEFLECTION CURVES

Aeon® Hollow Rubber springs are available in a wide range of sizes and capacities and are successfully used in numerous custom applications.

Individuals requiring additional technical support in the choosing of Aeon® springs are encouraged to contact Timbren Customer Service Team: 1-800-263-3113.

Load/ Deflection Curves are available upon request.



TIMBREN

Built into every Aeon® rubber spring are some unique characteristics:

- **Progressive Spring Rate** - Aeon® rubber springs automatically adjust to the load. In other words, the more the load increases, the more it resists.
- **Self-Damping Properties** - Able to reduce shock and vibration.
- **Vibration Isolation** - Due to its ability to dampen shock and vibration, an Aeon® rubber spring can reduce the transfer of energy.
- **Maintenance Free** - Aeon® rubber springs require no upkeep.

Aeon® rubber springs provide effective, alternative solutions for Automotive, Agriculture, Mining and Military applications.

www.Timbren.com

Timbren Industries Inc.
320 Hopkins St.
Whitby, ON, Canada
L1N 2B9

sales@timbren.com
1-800-263-3113
905-444-9004