

Master Idler Catalog



Notice

THIS CATALOG PROVIDES REFERENCE PART NUMBERS AND TECHNICAL SPECIFICATIONS FOR CAT BELT SYSTEM COMPONENTS.

THE INFORMATION CONTAINED HEREIN IS GENERAL IN NATURE AND PRESENTED UNDER THE ASSUMPTION THAT ALL PERSONNEL ARE FAMILIER WITH BOTH COMPANY AND REGULATORY SAFETY STANDARDS APPLICABLE TO THE WORK AREA WHERE THESE COMPONENTS ARE INSTALLED. ALL SAFETY PRECAUTIONS ESSENTIAL TO THE PROTECTION OF PERSONNEL WORKING AROUND THESE COMPONENTS MUST BE FOLLOWED.

SHOULD YOU ENCOUNTER A CONDITION OR SITUATION NOT COVERED IN THIS CATALOG OR HAVE ADDITIONAL REQUIREMENTS, CONTACT CATERPILLAR FOR ASSISTANCE. WHILE ALL ATTEMPTS HAVE BEEN MADE TO PROVIDE CORRECT INFORMATION, CATERPILLAR DISCLAIMS ALL LIABILITY FOR ANY ERRORS AND RESERVES THE RIGHT TO MAKE CHANGES TO INFORMATION CONTAINED HEREIN AT ANY TIME.

Table of Contents

Introduction

Idler PAL™	III
EXALON®	IV
RETRO-LOC	V
Catalog Map	VI
Customer Support	VII

Section 1

In-line Idlers	1
----------------------	---

Section 2

Offset Idlers.....	231
--------------------	-----

Section 3

Engineered Class Pulleys	371
--------------------------------	-----

Section 4

Technical Guides	373
------------------------	-----

Appendix

Conversion Factors	A
Purchase Agreement.....	B
Terms & Conditions of Sale	C
Notes	D

Introduction

Idler PAL™

The Cat Steel Roll with Positive Automatic Lubrication (Idler PAL™) is a result of over two years of design and engineering effort and represents new technology in Idler designs. In our steel roll, the end cap (bearing housing) has been redesigned for increased strength and a close fit to the deflector cap. Our automated assembly process includes three separate, metered grease inputs to ensure every roll has plenty of grease for a lifetime of trouble-free operation. The Idler PAL bearing cavity design allows for extra lubricant capacity, which is unmatched in the industry and assures that the grease stays where you need it: in the bearing.

- The taper of the rolling elements in the bearing causes the grease to move
- Grease expansion occurs with the increased temperatures in operation
- The compensator disc moves outward during grease movement and expansion
- When rotation stops and the grease contracts, the wave spring exerts slight pressure on the compensator disc, ensuring that there are no voids of grease



Introduction

EXALON®

Designed with a high molecular weight polyethylene, the Cat® EXALON® Idler roll is the 2nd-generation roll. A perfect complement to our full range of robust steel Idler rolls, EXALON is available in 4", 5", 6" and 7" diameters and CEMA C, D and E class ratings. Providing three times the abrasion resistance of a steel Idler roll, real-life test results show a shell life over three times that of a steel Idler roll. EXALON minimizes belt damage by eliminating any threat of exposed steel edges, reduction of material buildup on the Idler roll, and has a low coefficient of friction. Operators benefit from a 20% reduction in noise as compared to steel Idler rolls, and the installation weight is reduced by 30%. By reducing the overall cost of ownership, the EXALON Idler roll is truly the answer for the next generation of bulk material applications.

- Extended Shell Life - Highly abrasion resistant, 5/8" wall thickness
- Decreased Belt Damage - Reduction in material accumulation, non-corrosive
- Operator Friendly - Maintenance free, lightweight, decreased noise levels
- Cost Efficient - Longer shell life minimizes production downtime



Introduction

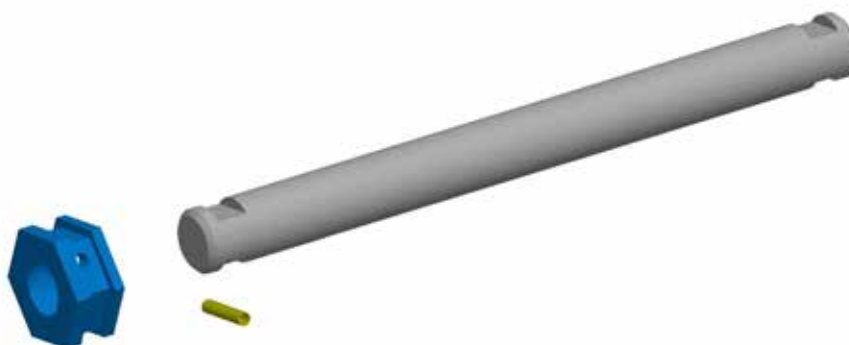
RETRO-LOC™

Replacement Steel and EXALON rolls are available to support Caterpillar's expansive product range of In-line, Off Set, and Trainer carrying and return Idler assemblies, as well as replacement impact and rubber disc rolls. Each replacement roll is manufactured with Caterpillar's standard ISO closed-slotted shaft ends.

In the event your current bulk material conveyance system employs Non-Cat Idlers and you would like to incorporate Caterpillar's proven roll design, replacement rolls can be easily retrofitted by matching overall roll and slot dimensions of the more common retrofits that Caterpillar regularly supplies.

Some Idler frames and bracket legacy designs utilize a special hex nut slot to support replacement rolls. RETRO-LOC™ provides for the ultimate solution.

RETRO-LOC uses adaptor nuts that are mounted to Caterpillar's standard ISO closed-slotted ends and pinned in place at our factory for complete retrofitting and replacement capability.



Introduction

Catalog Map

Idler Style

Diameter of Roll(s)
and Shell Style

Idler Image

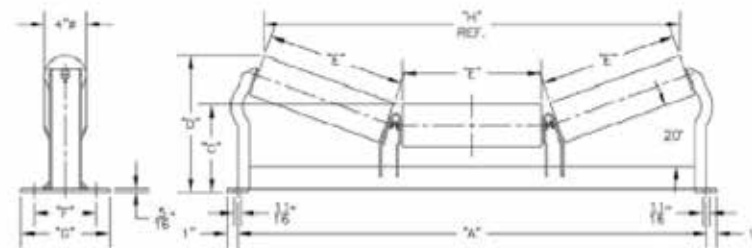
Technical Data
and Ordering
Information

Additional Notations
and References

CEMA C 20°

In-line Carrying Idler Assembly

4" Diameter Steel Roll



Roll Width	Part Number	Roll P/N	A	C	Dimensions (inches)					H	Weight (lbs)	List Price
18"	33667	33661	27	7 11/16	12 1/8	7 1/4	6	8 1/2	29 3/4	41	-	-
24"	33668	33672	33	8	13 9/16	8 1/4	6	8 1/2	26	51	-	-
30"	33669	33673	39	8	14 11/16	11 1/4	6	8 1/2	31 1/4	60	-	-
36"	33670	33674	45	8 1/16	15 7/8	13 1/4	6	8 1/2	36 3/8	68	-	-
42"	33671	33675	51	8 3/8	17 3/8	15 1/4	7 1/2	10	41 3/4	75	-	-
48"	33672	33676	57	8 3/8	18 1/2	17 1/4	7 1/2	10	47 1/8	84	-	-
54"	33673	33677	63	8 3/4	20	19 1/4	9	11 1/2	52 3/8	96	-	-
60"	33674	33678	69	8 3/4	21 5/8	21 1/4	9	11 1/2	57 5/8	105	-	-

All BUCKINGHAM CEMA C Steel Rolls are manufactured with a 2 gauge shell; optional 1/4" shell available upon request.
All dimensions are subject to change without notice. Certified prints are available upon request.
*Note: CEMA C replacement roll pricing and dimensional data begins on page 78.

©2011 Caterpillar, Inc.

2



Page Number

Introduction

Customer Support

We maintain 13 modern facilities, strategically located to provide the highest standard of customer support and service

Manufacturing Plant Locations

Houston, PA

Hillsville, VA

Pulaski, VA

Tazewell, VA

Customer Service Centers

Washington, PA

Pearisburg, VA

Duffield, VA

Oak Hill, WV

Mt. Sterling, KY

Carrier Mills, IL

Kilgore, TX

Gillette, WY

Huntington, UT

Key Customer Advocates

Inside Sales	Email	Direct Line
Kim Gardner	kim.gardner@Cat.com	276.730.1202
Tessa Allison	tessa.allison@Cat.com	276.730.1214
Jennifer Reece	jennifer.reece@Cat.com	276.730.1221

Financial / Commercial		
Rhonda Love	rhonda.love@Cat.com	276.730.1222

Technical Support		
Edwin McDonald	edwin.mcdonald@Cat.com	540.994.3780

Engineered Class Pulleys		
Edwin McDonald	edwin.mcdonald@Cat.com	540.994.3780

Section 1

In-line Idlers

CEMA C

Carrying Idler Assembly (Steel, EXALON, Impact)	2
Carrying Training Idler Assembly (Steel, EXALON)	26
Return Idler Assembly (Steel, EXALON, Rubber Disc)	44
Flat Belt Idler Assembly (Steel, EXALON, Impact)	52
Return Training Idler Assembly (Steel, EXALON, Rubber Disc).....	60
Flat Belt Training Idler Assembly (Steel, EXALON, Rubber Disc).....	68
Picking Idler Assembly (Steel)	76
Replacement Carrying Rolls (Steel, EXALON, Impact).....	79
Replacement Return Rolls (Steel, EXALON, Rubber Disc)	87

CEMA D

Carrying Idler Assembly (Steel, EXALON, Impact)	95
Carrying Training Idler Assembly (Steel, EXALON)	113
Return Idler Assembly (Steel, EXALON, Rubber Disc)	125
Flat Belt Idler Assembly (Steel, EXALON, Impact)	131
Return Training Idler Assembly (Steel, EXALON, Rubber Disc).....	137
Flat Belt Training Idler Assembly (Steel, EXALON, Rubber Disc).....	143
Picking Idler Assembly (Steel)	149
Replacement Carrying Rolls (Steel, EXALON, Impact).....	151
Replacement Return Rolls (Steel, EXALON, Rubber Disc)	157

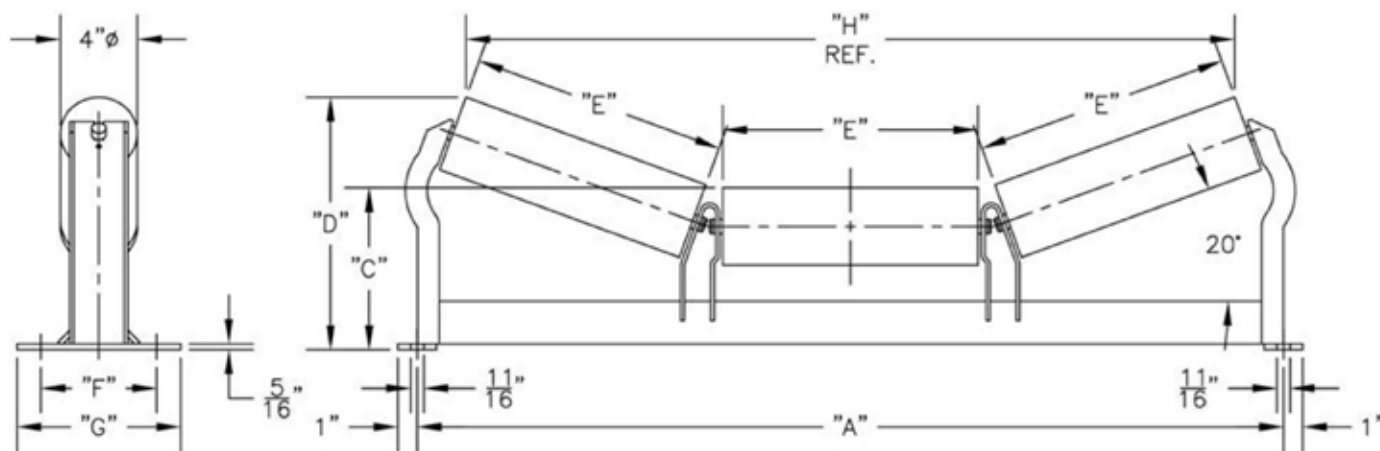
CEMA E

Carrying Idler Assembly (Steel, EXALON, Impact)	163
Carrying Training Idler Assembly (Steel, EXALON)	181
Return Idler Assembly (Steel, EXALON, Rubber Disc)	193
Flat Belt Idler Assembly (Steel, EXALON, Impact)	199
Return Training Idler Assembly (Steel, EXALON, Rubber Disc).....	205
Flat Belt Training Idler Assembly (Steel, EXALON, Rubber Disc).....	211
Picking Idler Assembly (Steel)	217
Replacement Carrying Rolls (Steel, EXALON, Impact).....	219
Replacement Return Rolls (Steel, EXALON, Rubber Disc)	225

CEMA C 20°

In-line Carrying Idler Assembly

4" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
18"	338286	324641	27	7 11/16	10 5/16	7 1/4	6	8 1/2	20 3/4	39	-
24"	338287	323373	33	8	11 3/8	9 1/4	6	8 1/2	26	50	-
30"	338288	324652	39	8	12 1/16	11 1/4	6	8 1/2	31 1/4	58	-
36"	338289	324653	45	8 1/16	12 3/4	13 1/4	6	8 1/2	36 3/8	66	-
42"	338295	324658	51	8 3/8	13 3/4	15 1/4	7 1/2	10	41 3/4	73	-
48"	338296	324662	57	8 3/8	14 7/16	17 1/4	7 1/2	10	47 1/8	82	-
54"	338297	324669	63	8 3/4	15 1/2	19 1/4	9	11 1/2	52 3/8	93	-
60"	338298	324705	69	8 3/4	16 3/16	21 1/4	9	11 1/2	57 5/8	102	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

In-line Carrying Idler Assembly

Technical drawing of a mechanical assembly, showing a side view and a cross-sectional view.

Side View Dimensions:

- "H" REF.:** Overall length of the assembly.
- "E":** Height of the angled supports.
- "D":** Height of the central section.
- "C":** Height of the base.
- "A":** Width of the base.
- "F":** Width of the central section.
- "G":** Width of the base.
- 1":** Width of the base.

Cross-sectional View Dimensions:

- 4" ϕ :** Diameter of the central section.
- 35°:** Angle of the supports.
- 5/16":** Thickness of the base.
- 11/16":** Thickness of the base.

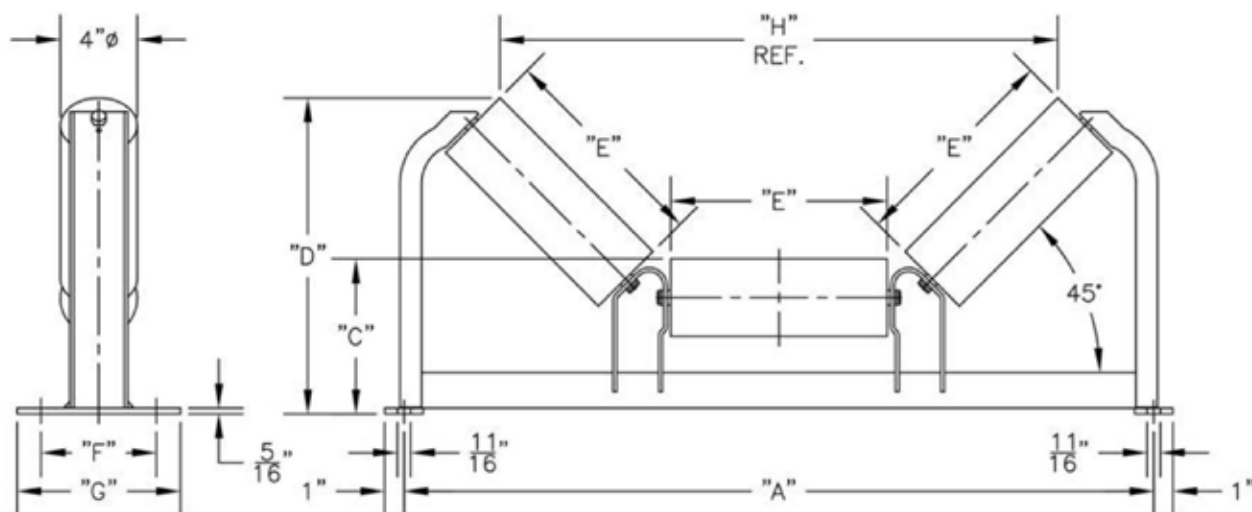
All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

**Note: CEMA C replacement roll pricing and dimensional data begins on page 79.*

CEMA C 45°

In-line Carrying Idler Assembly

4" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
18"	340270	324641	27	7 11/16	13 3/16	7 1/4	6	8 1/2	19 3/8	42	-
24"	340272	323373	33	8	14 15/16	9 1/4	6	8 1/2	24 1/4	53	-
30"	340273	324652	39	8	16 3/8	11 1/4	6	8 1/2	29	61	-
36"	340274	324653	45	8 1/16	17 13/16	13 1/4	6	8 1/2	33 7/8	70	-
42"	340295	324658	51	8 3/8	19 9/16	15 1/4	7 1/2	10	38 5/8	77	-
48"	340296	324662	57	8 3/8	20 15/16	17 1/4	7 1/2	10	43 1/2	86	-
54"	340297	324669	63	8 3/4	22 3/4	19 1/4	9	11 1/2	48 3/8	97	-
60"	340298	324705	69	8 3/4	24 1/8	21 1/4	9	11 1/2	53 1/8	107	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

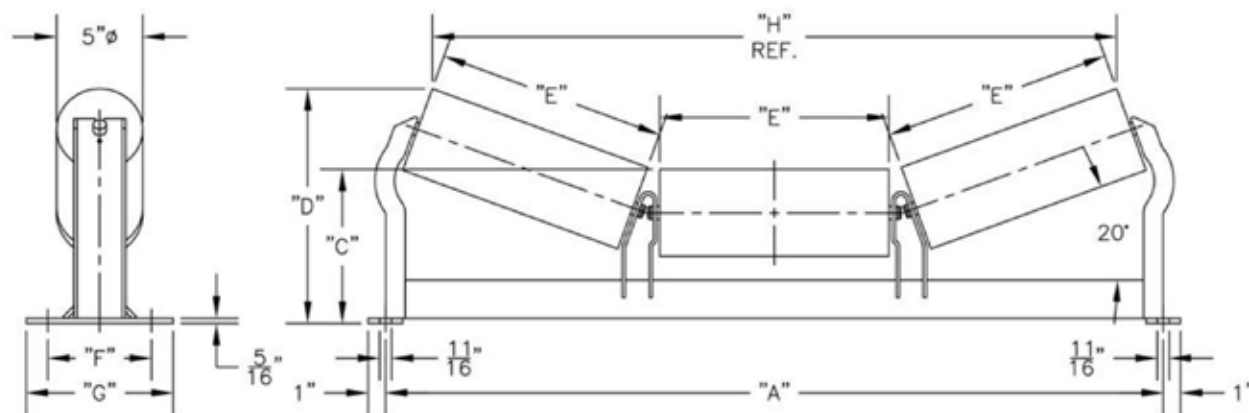
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 20°

In-line Carrying Idler Assembly

5" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
18"	337864	325333	27	8 3/16	10 13/16	7 1/4	6	8 1/2	22 3/8	45	-
24"	337865	325335	33	8 1/2	11 13/16	9 1/4	6	8 1/2	28 1/8	56	-
30"	337866	325338	39	8 1/2	12 1/2	11 1/4	6	8 1/2	33 7/8	64	-
36"	337867	325339	45	8 9/16	13 3/16	13 1/4	6	8 1/2	39 1/2	75	-
42"	337874	325341	51	8 7/8	14 1/4	15 1/4	7 1/2	10	45 3/8	85	-
48"	337875	325342	57	8 7/8	14 15/16	17 1/4	7 1/2	10	51 1/8	91	-
54"	337876	325343	63	9 1/4	15 15/16	19 1/4	9	11 1/2	56 7/8	105	-
60"	337877	325344	69	9 1/4	16 5/8	21 1/4	9	11 1/2	62 5/8	114	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

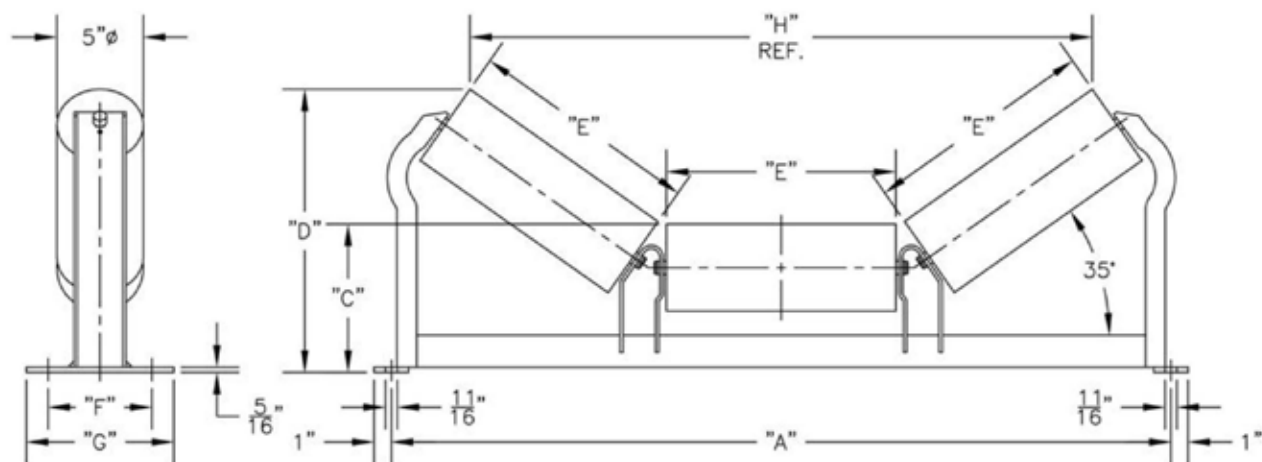
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 35°

In-line Carrying Idler Assembly

5" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
18"	336924	325333	27	8 3/16	12 1/2	7 1/4	6	8 1/2	20 1/8	47	-
24"	336925	325335	33	8 1/2	14	9 1/4	6	8 1/2	25 3/8	57	-
30"	336926	325338	39	8 1/2	15 1/8	11 1/4	6	8 1/2	30 5/8	66	-
36"	336927	325339	45	8 9/16	16 1/4	13 1/4	6	8 1/2	35 3/4	77	-
42"	336932	325341	51	8 7/8	17 13/16	15 1/4	7 1/2	10	41 1/4	87	-
48"	336933	325342	57	8 7/8	18 15/16	17 1/4	7 1/2	10	46 1/2	93	-
54"	336934	325343	63	9 1/4	20 7/16	19 1/4	9	11 1/2	51 3/4	108	-
60"	336935	325344	69	9 1/4	21 9/16	21 1/4	9	11 1/2	57	117	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

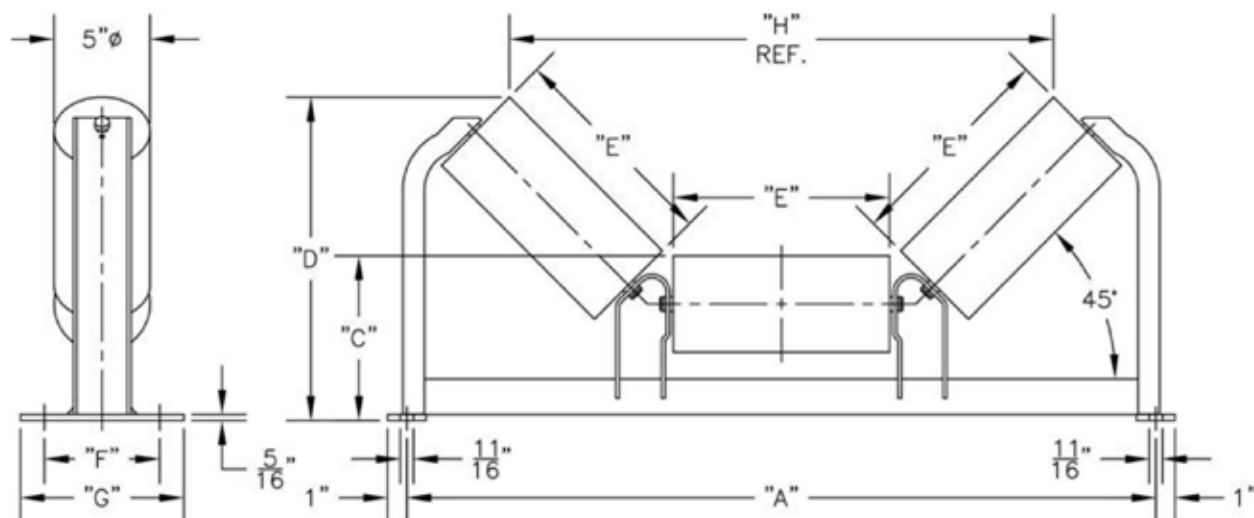
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 45°

In-line Carrying Idler Assembly

5" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
18"	340238	325333	27	8 3/16	13 9/16	7 1/4	6	8 1/2	18 5/8	48	-
24"	340239	325335	33	8 1/2	15 5/16	9 1/4	6	8 1/2	23 1/2	59	-
30"	340240	325338	39	8 1/2	16 3/4	11 1/4	6	8 1/2	28 3/8	67	-
36"	340241	325339	45	8 9/16	18 3/16	13 1/4	6	8 1/2	33 1/8	79	-
42"	340258	325341	51	8 7/8	19 7/8	15 1/4	7 1/2	10	38	89	-
48"	340259	325342	57	8 7/8	21 5/16	17 1/4	7 1/2	10	42 3/4	95	-
54"	340260	325343	63	9 1/4	23 1/16	19 1/4	9	11 1/2	47 5/8	109	-
60"	340261	325344	69	9 1/4	24 1/2	21 1/4	9	11 1/2	52 1/2	119	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

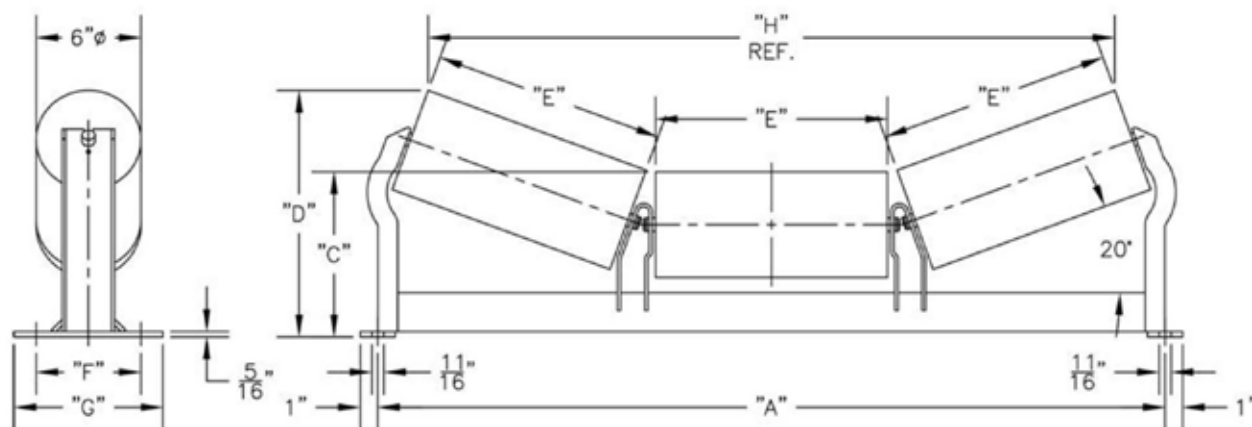
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 20°

In-line Carrying Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
24"	344557	325365	33	9	12 5/16	9 1/4	6	8 1/2	27 3/4	62	-
30"	344559	325366	39	9	13	11 1/4	6	8 1/2	33 1/2	73	-
36"	344560	325367	45	9 1/16	13 11/16	13 1/4	6	8 1/2	39 1/8	84	-
42"	354635	325368	51	9 3/8	14 3/4	15 1/4	7 1/2	10	45 3/8	94	-
48"	354636	325369	57	9 3/8	15 7/16	17 1/4	7 1/2	10	51 1/8	103	-
54"	354637	325370	63	9 3/4	16 7/16	19 1/4	9	11 1/2	56 7/8	117	-
60"	354638	325372	69	9 3/4	17 1/8	21 1/4	9	11 1/2	62 5/8	126	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

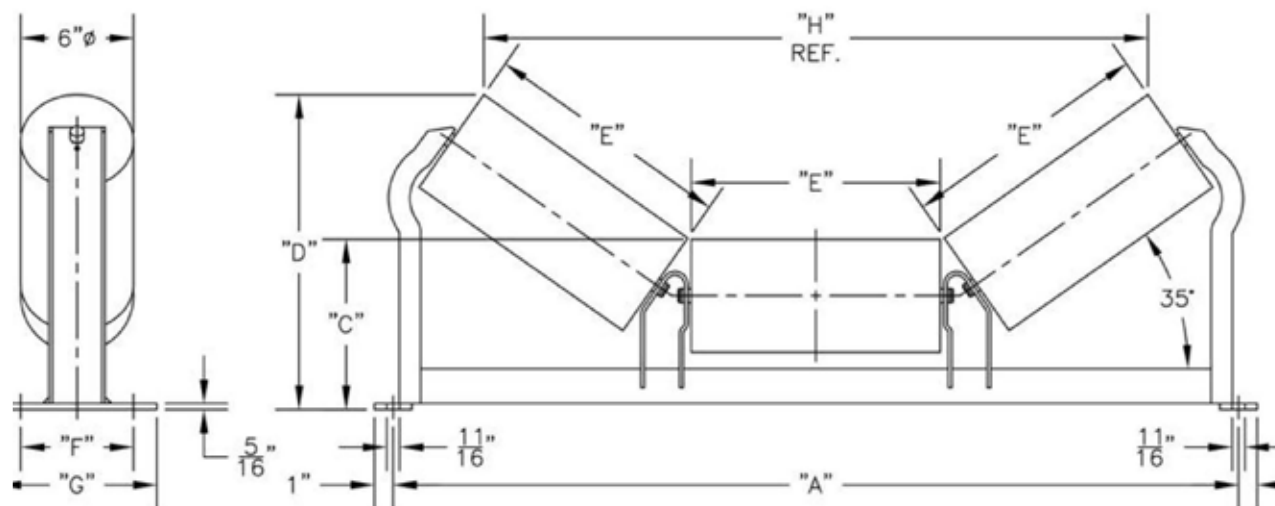
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 35°

In-line Carrying Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
24"	336917	325365	33	9	14 3/8	9 1/4	6	8 1/2	24 7/8	63	-
30"	336918	325366	39	9	15 1/2	11 1/4	6	8 1/2	30	75	-
36"	336919	325367	45	9 1/16	16 11/16	13 1/4	6	8 1/2	35 1/8	86	-
42"	336879	325368	51	9 3/8	18 3/16	15 1/4	7 1/2	10	40 5/8	96	-
48"	336880	325369	57	9 3/8	19 5/16	17 1/4	7 1/2	10	45 7/8	105	-
54"	336881	325370	63	9 3/4	20 7/8	19 1/4	9	11 1/2	51 1/4	120	-
60"	336883	325372	69	9 3/4	22	21 1/4	9	11 1/2	56 1/2	129	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

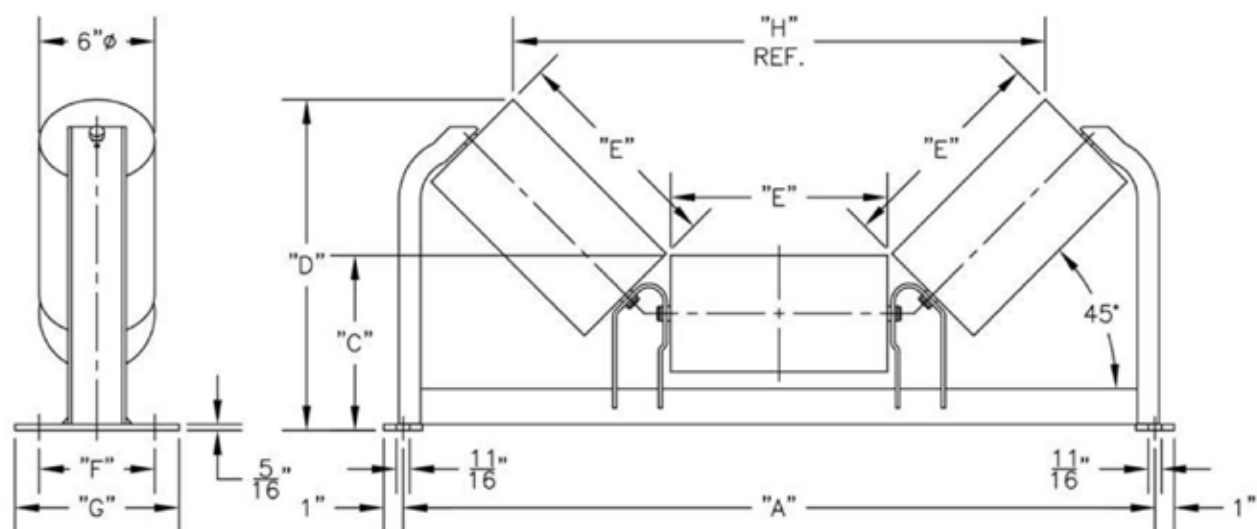
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 45°

In-line Carrying Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
24"	354620	325365	33	9	15 11/16	9 1/4	6	8 1/2	22 3/4	65	-
30"	354621	325366	39	9	17 1/8	11 1/4	6	8 1/2	27 5/8	76	-
36"	354622	325367	45	9 1/16	18 9/16	13 1/4	6	8 1/2	32 3/8	88	-
42"	354606	325368	51	9 3/8	20 1/4	15 1/4	7 1/2	10	37 1/4	98	-
48"	354607	325369	57	9 3/8	21 11/16	17 1/4	7 1/2	10	42 1/8	107	-
54"	354608	325370	63	9 3/4	23 7/16	19 1/4	9	11 1/2	46 7/8	121	-
60"	354609	325372	69	9 3/4	24 7/8	21 1/4	9	11 1/2	51 3/4	131	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

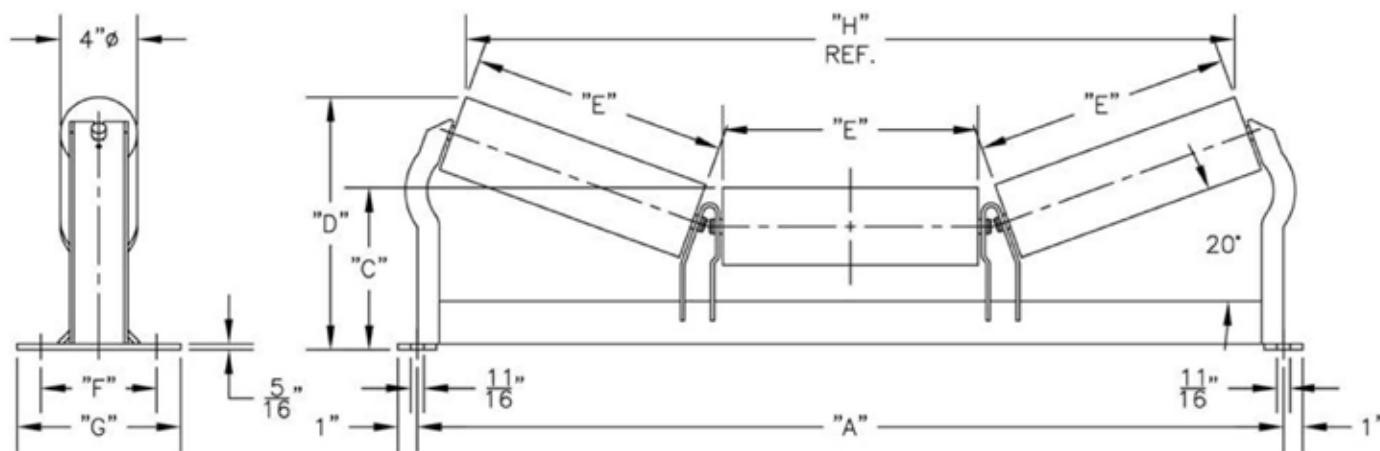
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 20°

In-line Carrying Idler Assembly

4" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
18"	336174	333810	27	7 11/16	10 5/16	7 1/4	6	8 1/2	22 5/8	42	-
24"	336175	333814	33	8	11 3/8	9 1/4	6	8 1/2	28 3/8	53	-
30"	336176	333816	39	8	12 1/16	11 1/4	6	8 1/2	34 1/8	58	-
36"	336177	333818	45	8 1/16	12 3/4	13 1/4	6	8 1/2	39 7/8	69	-
42"	336288	333820	51	8 3/8	13 3/4	15 1/4	7 1/2	10	45 3/4	76	-
48"	336289	333822	57	8 3/8	14 7/16	17 1/4	7 1/2	10	51 1/2	85	-
54"	336290	333824	63	8 3/4	15 1/2	19 1/4	9	11 1/2	57 1/4	96	-
60"	336292	333826	69	8 3/4	16 3/16	21 1/4	9	11 1/2	63	105	-

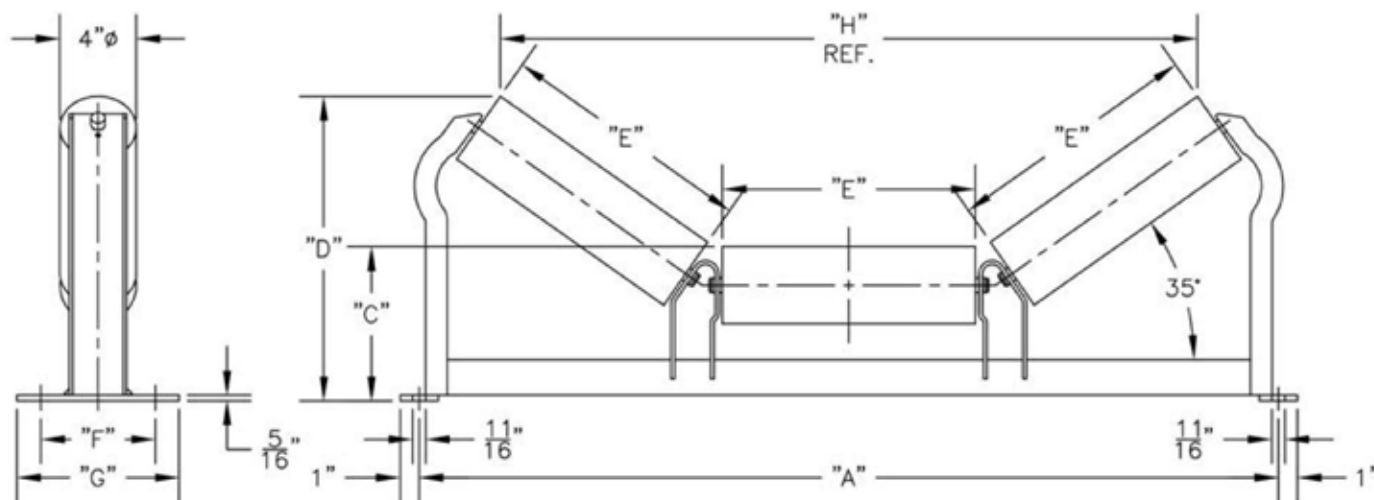
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 35°

In-line Carrying Idler Assembly

4" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
18"	336315	333810	27	7 11/16	12 1/16	7 1/4	6	8 1/2	20 3/4	44	-
24"	336316	333814	33	8	13 9/16	9 1/4	6	8 1/2	26	54	-
30"	336317	333816	39	8	14 11/16	11 1/4	6	8 1/2	31 1/4	60	-
36"	336318	333818	45	8 1/16	15 7/8	13 1/4	6	8 1/2	36 3/8	71	-
42"	336319	333820	51	8 3/8	17 3/8	15 1/4	7 1/2	10	41 3/4	78	-
48"	336320	333822	57	8 3/8	18 1/2	17 1/4	7 1/2	10	47 1/8	87	-
54"	336321	333824	63	8 3/4	20	19 1/4	9	11 1/2	52 3/8	98	-
60"	336322	333826	69	8 3/4	21 3/16	21 1/4	9	11 1/2	57 5/8	108	-

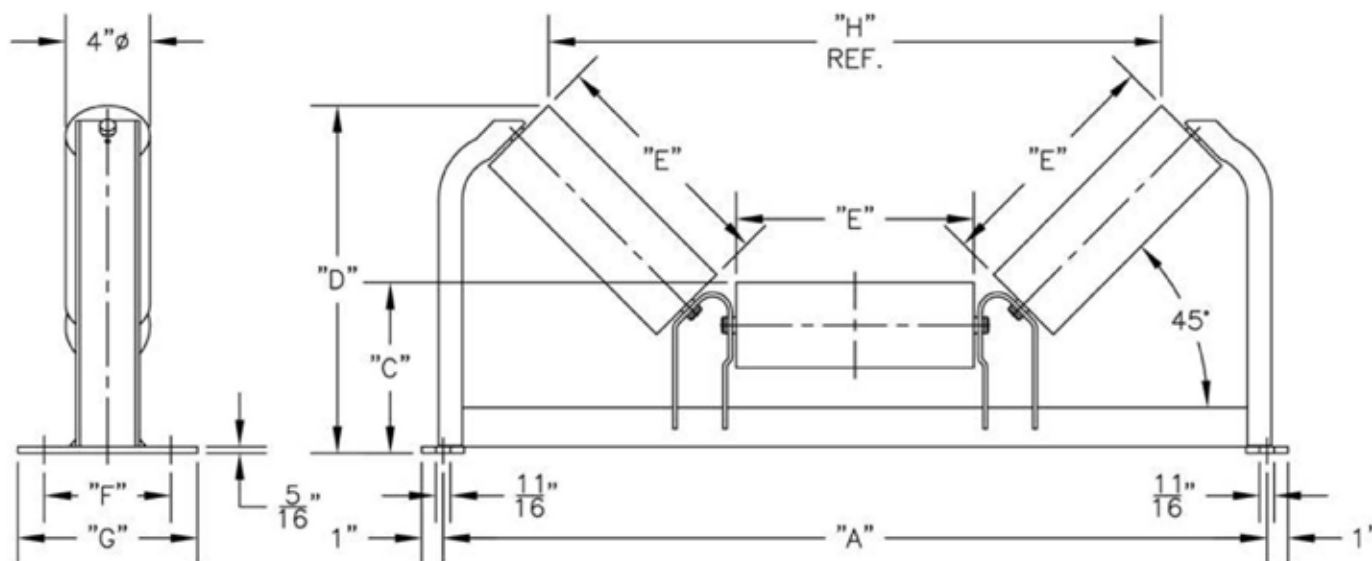
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 45°

In-line Carrying Idler Assembly

4" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
18"	334261	333810	27	7 11/16	13 3/16	7 1/4	6	8 1/2	19 3/8	45	-
24"	334262	333814	33	8	14 15/16	9 1/4	6	8 1/2	24 1/4	56	-
30"	334263	333816	39	8	16 3/8	11 1/4	6	8 1/2	29	61	-
36"	334264	333818	45	8 1/16	17 13/16	13 1/4	6	8 1/2	33 7/8	73	-
42"	334276	333820	51	8 3/8	19 9/16	15 1/4	7 1/2	10	38 5/8	80	-
48"	334277	333822	57	8 3/8	20 15/16	17 1/4	7 1/2	10	43 1/2	89	-
54"	334278	333824	63	8 3/4	22 3/4	19 1/4	9	11 1/2	48 3/8	100	-
60"	334279	333826	69	8 3/4	24 1/8	21 1/4	9	11 1/2	53 1/8	110	-

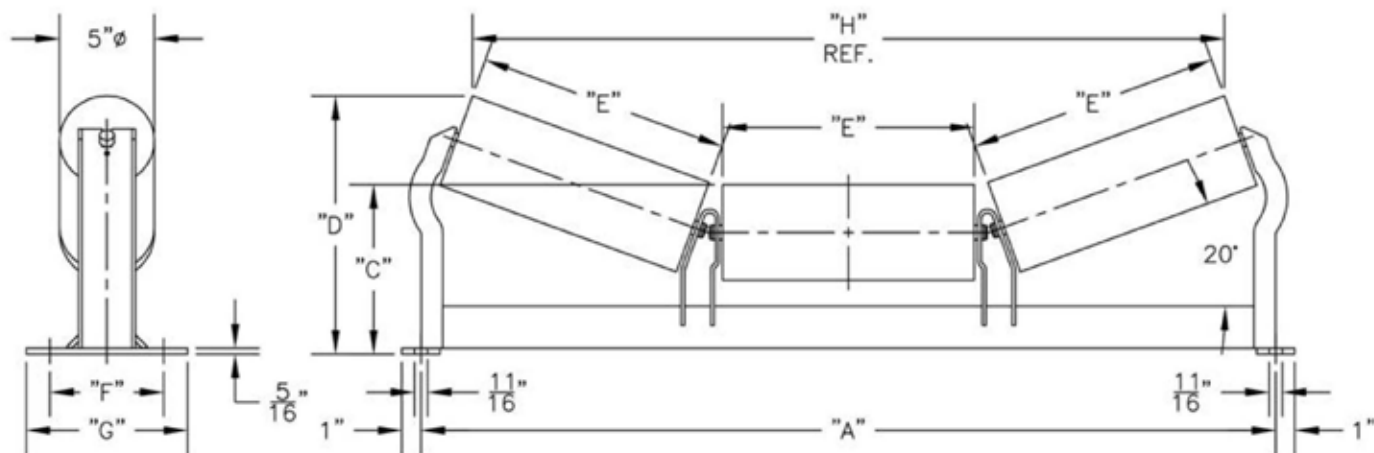
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 20°

In-line Carrying Idler Assembly

5" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
18"	336179	332985	27	8 3/16	10 13/16	7 1/4	6	8 1/2	22 3/8	45	-
24"	336180	332987	33	8 1/2	11 13/16	9 1/4	6	8 1/2	28 1/8	56	-
30"	336181	332988	39	8 1/2	12 1/2	11 1/4	6	8 1/2	33 7/8	61	-
36"	336182	332989	45	8 9/16	13 3/16	13 1/4	6	8 1/2	39 1/2	72	-
42"	336296	332990	51	8 7/8	14 1/4	15 1/4	7 1/2	10	45 3/8	82	-
48"	336297	332991	57	8 7/8	14 15/16	17 1/4	7 1/2	10	51 1/8	91	-
54"	336298	332992	63	9 1/4	15 15/16	19 1/4	9	11 1/2	56 7/8	105	-
60"	336299	332993	69	9 1/4	16 5/8	21 1/4	9	11 1/2	62 5/8	114	-

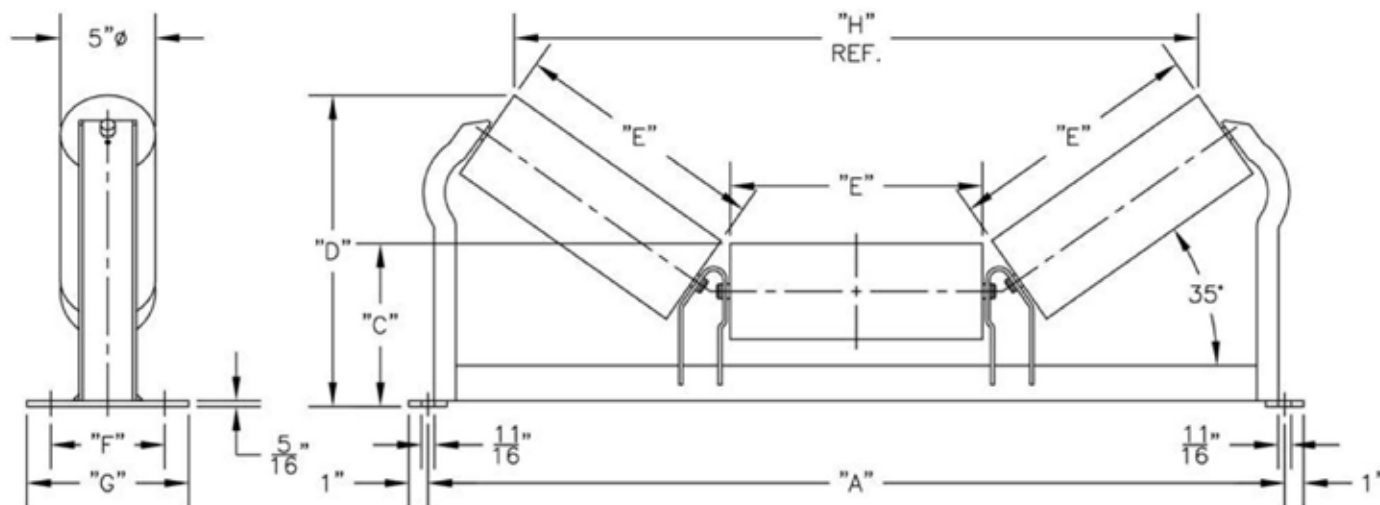
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 35°

In-line Carrying Idler Assembly

5" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
18"	335051	332985	27	8 3/16	12 1/2	7 1/4	6	8 1/2	20 1/8	47	-
24"	335052	332987	33	8 1/2	14	9 1/4	6	8 1/2	25 3/8	57	-
30"	335053	332988	39	8 1/2	15 1/8	11 1/4	6	8 1/2	30 5/8	63	-
36"	335054	332989	45	8 9/16	16 1/4	13 1/4	6	8 1/2	35 3/4	74	-
42"	335059	332990	51	8 7/8	17 13/16	15 1/4	7 1/2	10	41 1/4	84	-
48"	335061	332991	57	8 7/8	18 15/16	17 1/4	7 1/2	10	46 1/2	93	-
54"	335062	332992	63	9 1/4	20 7/16	19 1/4	9	11 1/2	51 3/4	108	-
60"	335063	332993	69	9 1/4	21 9/16	21 1/4	9	11 1/2	57	117	-

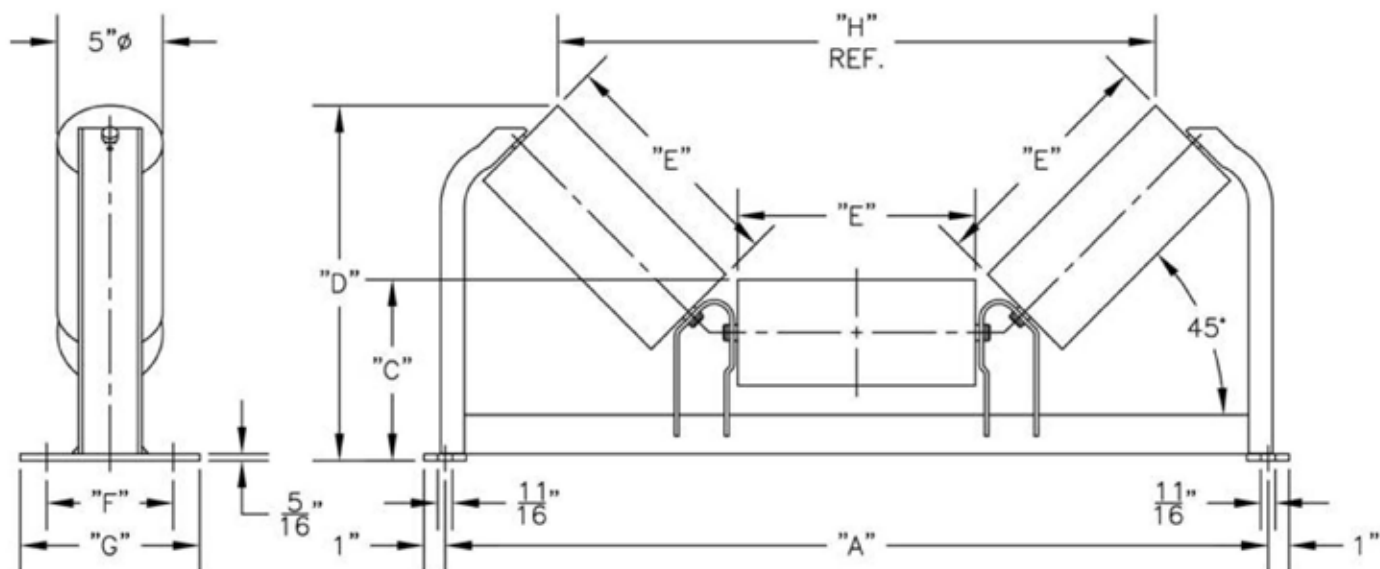
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 45°

In-line Carrying Idler Assembly

5" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
			A	C	D	E	F	G	H		
18"	334226	332985	27	8 3/16	13 9/16	7 1/4	6	8 1/2	18 5/8	48	-
24"	334227	332987	33	8 1/2	15 5/16	9 1/4	6	8 1/2	23 1/2	59	-
30"	334228	332988	39	8 1/2	16 3/4	11 1/4	6	8 1/2	28 3/8	64	-
36"	334229	332989	45	8 9/16	18 3/16	13 1/4	6	8 1/2	33 1/8	76	-
42"	334254	332990	51	8 7/8	19 7/8	15 1/4	7 1/2	10	38	86	-
48"	334255	332991	57	8 7/8	21 5/16	17 1/4	7 1/2	10	42 3/4	95	-
54"	334256	332992	63	9 1/4	23 1/16	19 1/4	9	11 1/2	47 5/8	109	-
60"	334257	332993	69	9 1/4	24 1/2	21 1/4	9	11 1/2	52 1/2	119	-

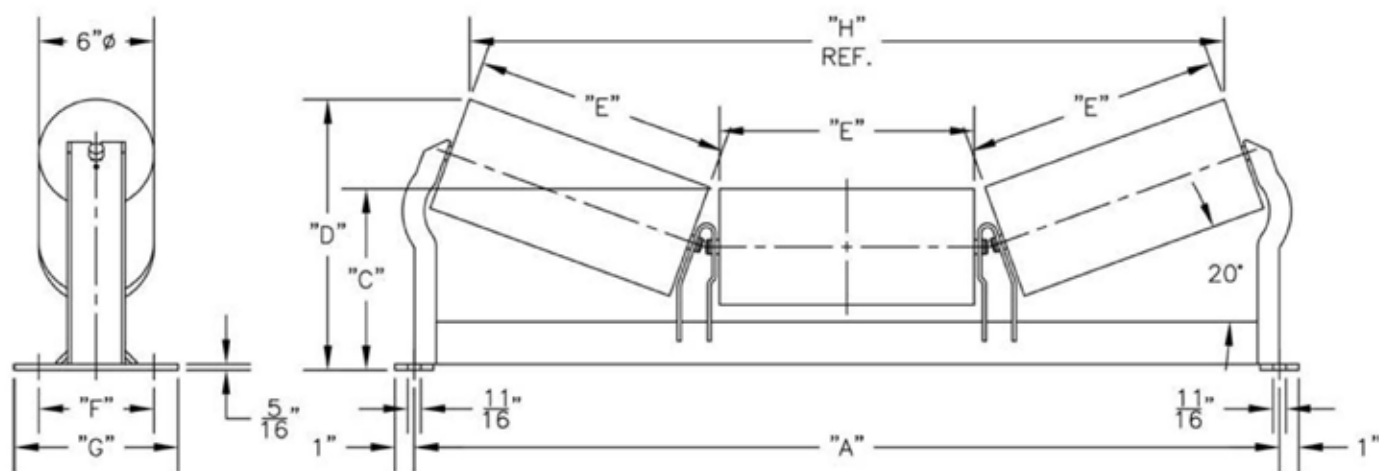
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 20°

In-line Carrying Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
24"	336185	332977	33	9	12 5/16	9 1/4	6	8 1/2	27 3/4	59	-
30"	336186	332978	39	9	13	11 1/4	6	8 1/2	33 1/2	67	-
36"	336187	332979	45	9 1/16	13 11/16	13 1/4	6	8 1/2	39 1/8	78	-
42"	336080	332980	51	9 3/8	14 3/4	15 1/4	7 1/2	10	45 3/8	88	-
48"	336081	332981	57	9 3/8	15 7/16	17 1/4	7 1/2	10	51 1/8	97	-
54"	336082	332982	63	9 3/4	16 7/16	19 1/4	9	11 1/2	56 7/8	111	-
60"	336083	332983	69	9 3/4	17 1/8	21 1/4	9	11 1/2	62 5/8	120	-

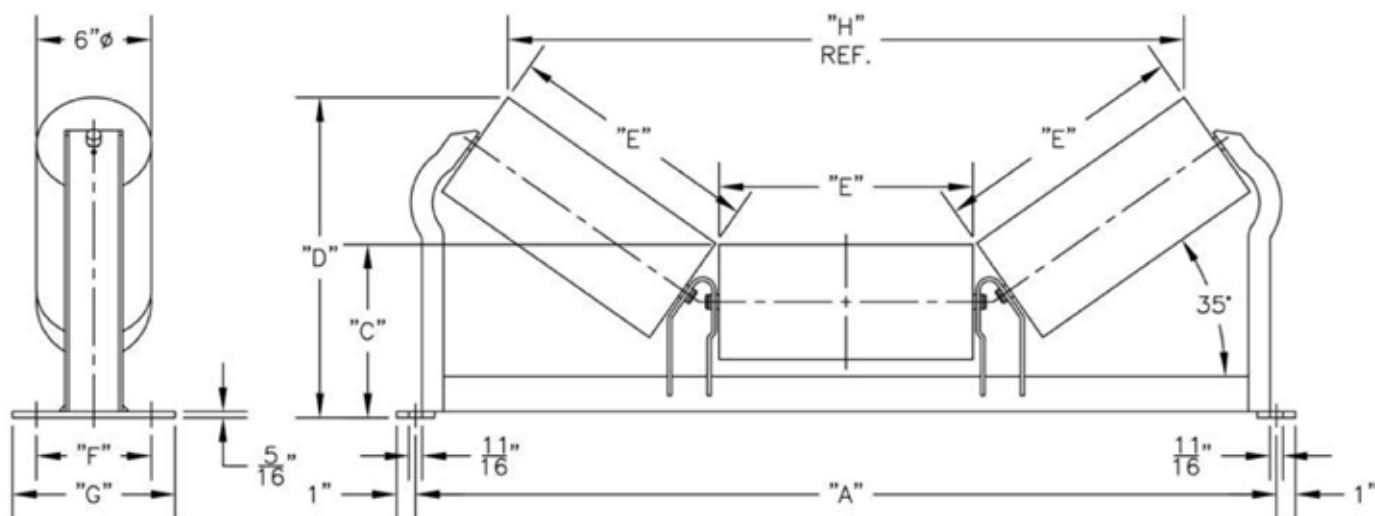
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 35°

In-line Carrying Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
24"	335067	332977	33	9	14 3/8	9 1/4	6	8 1/2	24 7/8	60	-
30"	335068	332978	39	9	15 1/2	11 1/4	6	8 1/2	30	69	-
36"	335069	332979	45	9 1/16	16 11/16	13 1/4	6	8 1/2	35 1/8	80	-
42"	335072	332980	51	9 3/8	18 3/16	15 1/4	7 1/2	10	40 5/8	90	-
48"	335073	332981	57	9 3/8	19 5/16	17 1/4	7 1/2	10	45 7/8	99	-
54"	335074	332982	63	9 3/4	20 7/8	19 1/4	9	11 1/2	51 1/4	114	-
60"	335075	332983	69	9 3/4	22	21 1/4	9	11 1/2	56 1/2	123	-

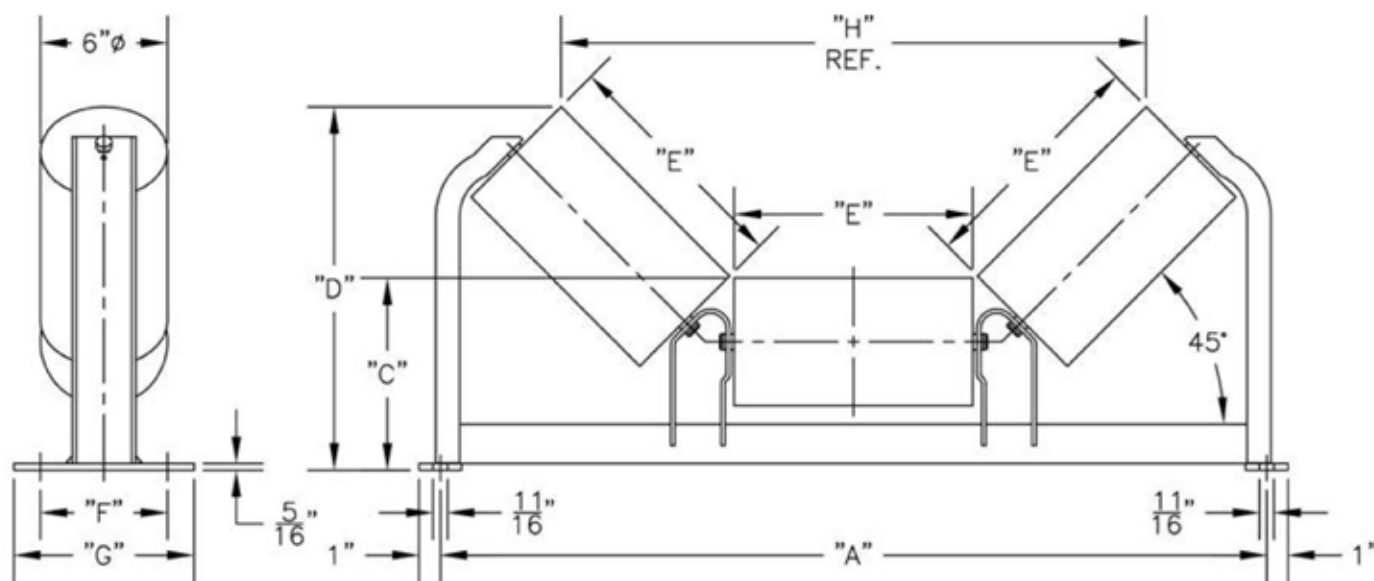
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 45°

In-line Carrying Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
24"	334102	332977	33	9	15 11/16	9 1/4	6	8 1/2	22 3/4	62	-
30"	334103	332978	39	9	17 1/8	11 1/4	6	8 1/2	27 5/8	70	-
36"	334104	332979	45	9 1/16	18 9/16	13 1/4	6	8 1/2	32 3/8	82	-
42"	334113	332980	51	9 3/8	20 1/4	15 1/4	7 1/2	10	37 1/4	92	-
48"	332497	332981	57	9 3/8	21 11/16	17 1/4	7 1/2	10	42 1/8	101	-
54"	334114	332982	63	9 3/4	23 7/16	19 1/4	9	11 1/2	46 7/8	115	-
60"	334115	332983	69	9 3/4	24 7/8	21 1/4	9	11 1/2	51 3/4	125	-

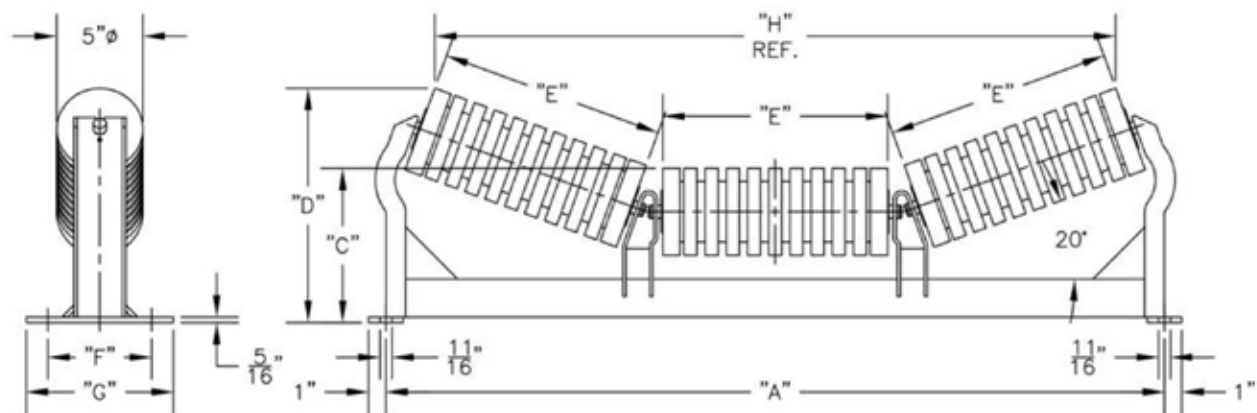
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 20°

In-line Carrying Idler Assembly

5" Diameter Impact Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
18"	340039	338017	27	8 3/16	10 3/4	7	6	8 1/2	22 1/16	48	-
24"	340040	338019	33	8 1/2	11 3/4	9	6	8 1/2	27 13/16	65	-
30"	340041	338020	39	8 1/2	12 7/16	11	6	8 1/2	33 5/8	76	-
36"	340042	338021	45	8 9/16	13 3/16	13	6	8 1/2	39 3/8	87	-
42"	348282	338022	51	8 7/8	14 3/16	15	7 1/2	10	45 1/8	104	-
48"	348283	338023	57	8 7/8	14 7/8	17	7 1/2	10	50 7/8	115	-
54"	348284	338024	63	9 1/4	15 9/16	19	9	11 1/2	56 5/8	132	-
60"	348285	338025	69	9 1/4	16 1/4	21	9	11 1/2	62 3/8	145	-

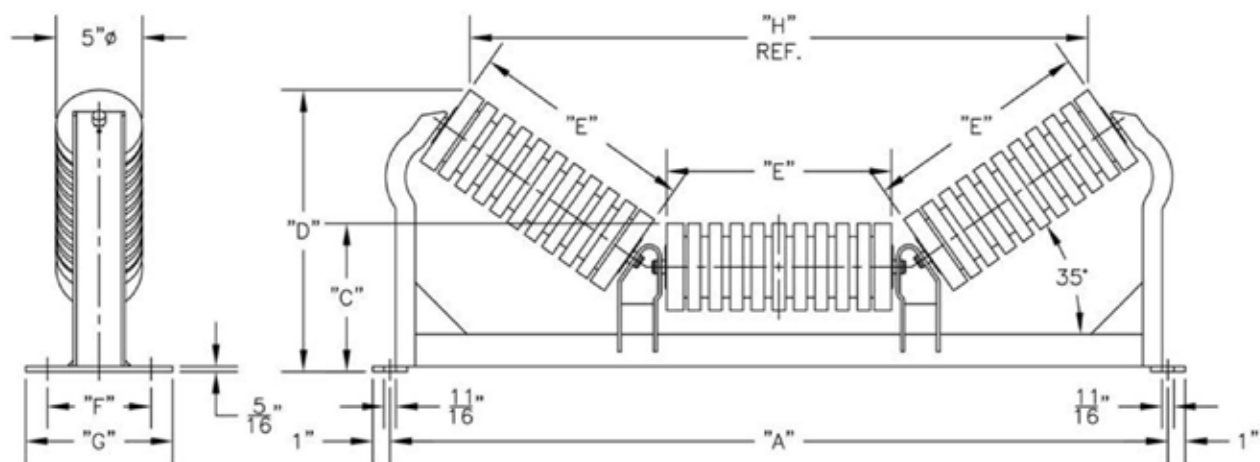
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 35°

In-line Carrying Idler Assembly

5" Diameter Impact Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
18"	339790	338017	27	8 3/16	12 7/16	7	7	8 1/2	19 15/16	55	-
24"	339791	338019	33	8 1/2	13 15/16	9	6	8 1/2	25 3/16	67	-
30"	339792	338020	39	8 1/2	15 1/16	11	6	8 1/2	30 1/2	78	-
36"	339793	338021	45	8 9/16	16 3/16	13	6	8 1/2	35 3/4	89	-
42"	339701	338022	51	8 7/8	17 11/16	15	7 1/2	10	41 1/16	106	-
48"	339702	338023	57	8 7/8	18 7/8	17	7 1/2	10	46 5/16	117	-
54"	339703	338024	63	9 1/4	20 3/8	19	9	11 1/2	51 9/16	134	-
60"	339704	338025	69	9 1/4	21 1/2	21	9	11 1/2	56 7/8	147	-

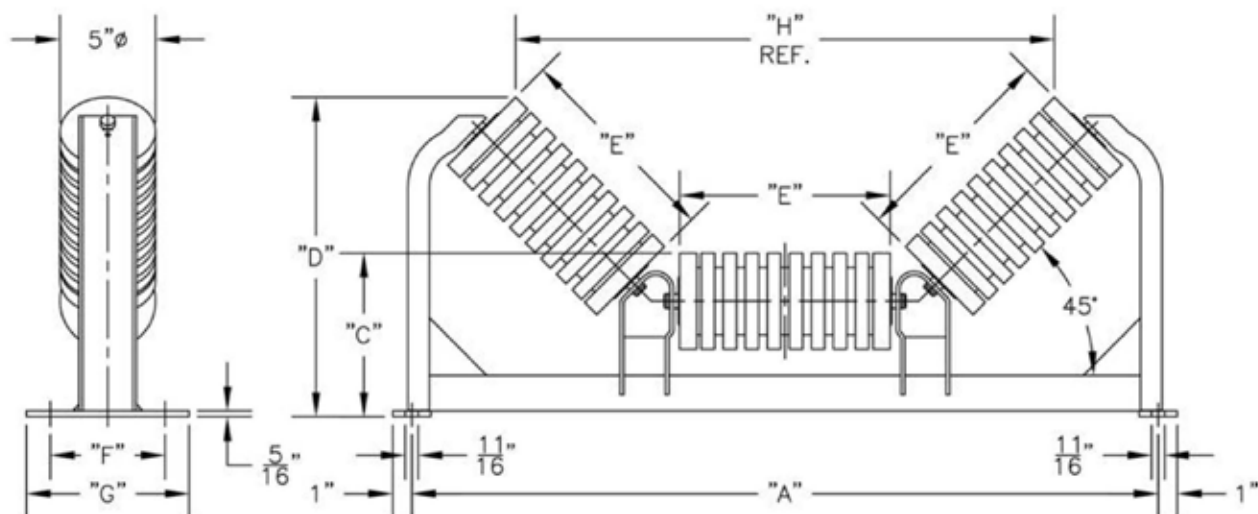
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 45°

In-line Carrying Idler Assembly

5" Diameter Impact Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
18"	339917	338017	27	8 3/16	13 7/16	7	6	8 1/2	18 1/2	56	-
24"	339918	338019	33	8 1/2	15 3/16	9	6	8 1/2	23 5/16	69	-
30"	339919	338020	39	8 1/2	16 5/8	11	6	8 1/2	28 1/8	79	-
36"	339920	338021	45	8 9/16	18 1/16	13	6	8 1/2	33	91	-
42"	339722	338022	51	8 7/8	19 13/16	15	7 1/2	10	37 13/16	108	-
48"	339723	338023	57	8 7/8	21 1/4	17	7 1/2	10	42 5/8	120	-
54"	339724	338024	63	9 1/4	23	19	9	11 1/2	47 7/16	137	-
60"	339725	338025	69	9 1/4	24 7/16	21	9	11 1/2	52 5/16	151	-

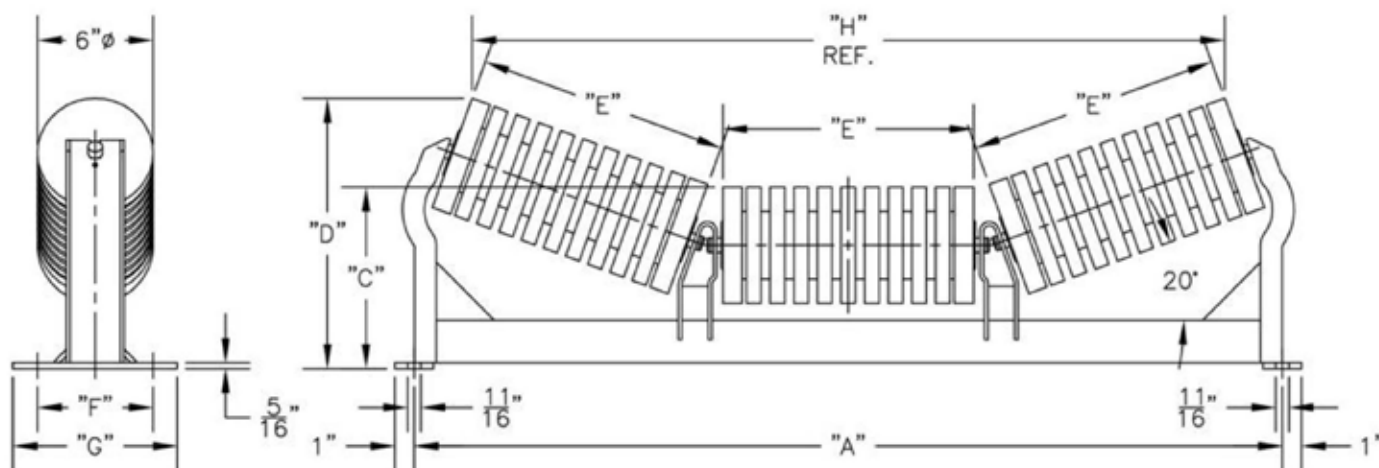
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 20°

In-line Carrying Idler Assembly

6" Diameter Impact Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
24"	348288	335343	33	9	12 3/16	9	6	8 1/2	27 1/2	69	-
30"	348289	335344	39	9	12 7/8	11	6	8 1/2	33 1/4	82	-
36"	348290	335345	45	9 1/16	13 5/8	13	6	8 1/2	39	93	-
42"	348294	335346	51	9 3/8	14 5/8	15	7 1/2	10	44 3/4	112	-
48"	348295	335134	57	9 3/8	15 5/16	17	7 1/2	10	50 9/16	125	-
54"	348296	335347	63	9 3/4	16	19	9	11 1/2	56 5/16	142	-
60"	348297	335348	69	9 3/4	16 11/16	21	9	11 1/2	62 1/16	157	-

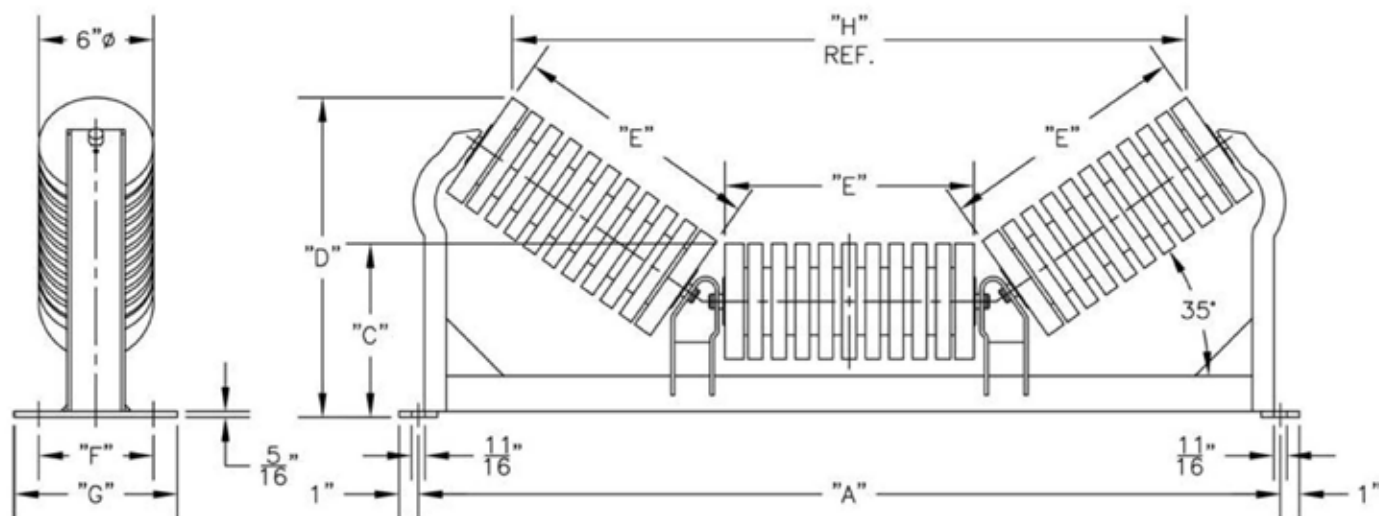
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 35°

In-line Carrying Idler Assembly

6" Diameter Impact Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
24"	348301	335343	33	9	14 5/16	9	6	8 1/2	24 5/8	71	-
30"	348302	335344	39	9	15 7/16	11	6	8 1/2	29 15/16	84	-
36"	348303	335345	45	9 1/16	16 9/16	13	6	8 1/2	35 3/16	95	-
42"	337004	335346	51	9 3/8	18 1/8	15	7 1/2	10	40 7/16	114	-
48"	337005	335134	57	9 3/8	19 1/4	17	7 1/2	10	45 3/4	127	-
54"	337006	335347	63	9 3/4	20 13/16	19	9	11 1/2	51	144	-
60"	337007	335348	69	9 3/4	21 15/16	21	9	11 1/2	56 5/16	159	-

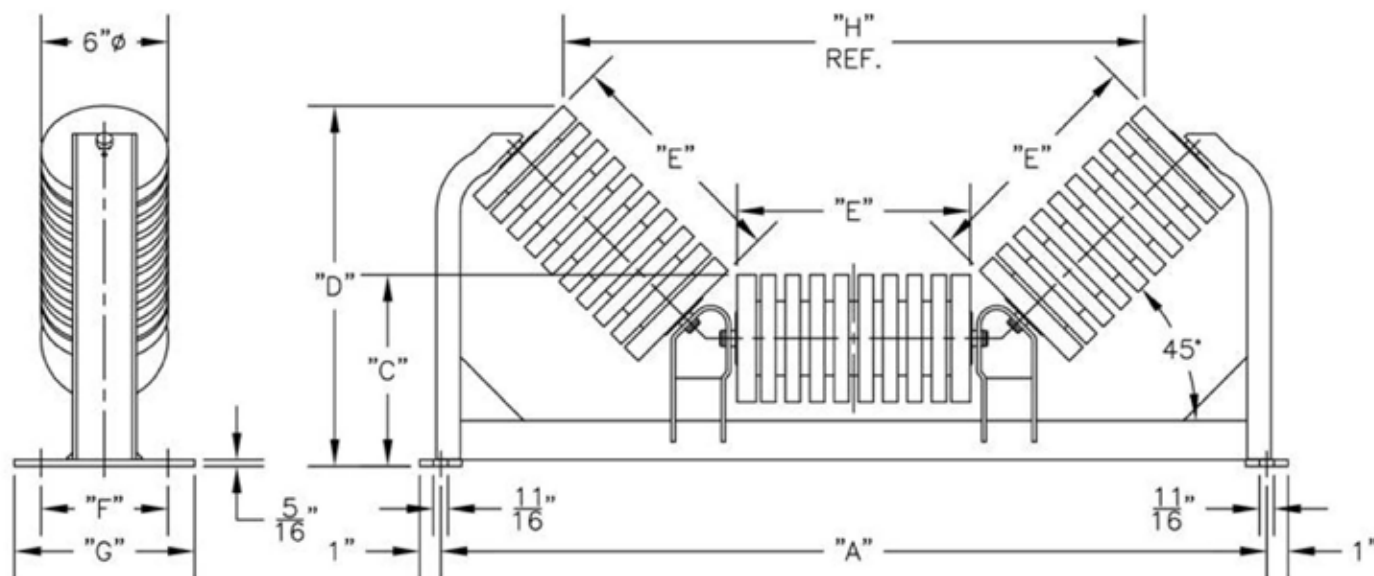
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 45°

In-line Carrying Idler Assembly

6" Diameter Impact Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
24"	348307	335343	33	9	15 9/16	9	6	8 1/2	22 5/8	73	-
30"	348308	335344	39	9	16 15/16	11	6	8 1/2	27 7/16	85	-
36"	348309	335345	45	9 1/16	18 7/16	13	6	8 1/2	32 1/4	97	-
42"	335392	335346	51	9 3/8	20 3/16	15	7 1/2	10	37 1/16	115	-
48"	335136	335134	57	9 3/8	21 9/16	17	7 1/2	10	41 15/16	130	-
54"	335399	335347	63	9 3/4	23 3/8	19	9	11 1/2	46 3/4	147	-
60"	335400	335348	69	9 3/4	24 13/16	21	9	11 1/2	51 9/16	163	-

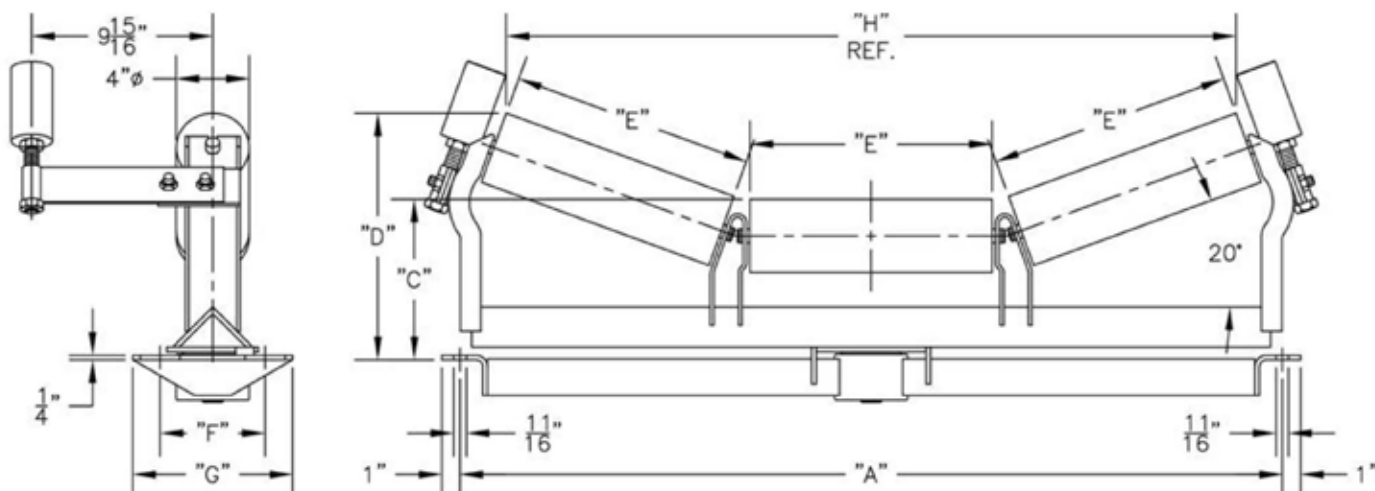
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 20°

In-line Training Idler Assembly

4" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
18"	602121	324641	27	8 1/16	10 13/16	7 1/4	5 1/4	7 3/4	22 5/8	59	-
24"	602122	323373	33	8 3/8	11 7/8	9 1/4	5 1/4	7 3/4	28 3/8	71	-
30"	602123	324652	39	8 3/8	12 9/16	11 1/4	5 1/4	7 3/4	34 1/8	80	-
36"	602124	324653	45	8 7/16	13 1/4	13 1/4	5 1/4	7 3/4	39 7/8	90	-
42"	602125	324658	51	8 3/4	14 1/4	15 1/4	7 1/2	10	45 3/4	105	-
48"	602126	324662	57	8 3/4	14 15/16	17 1/4	7 1/2	10	51 1/2	116	-
54"	602127	324669	63	9 1/8	16	19 1/4	9	11 1/2	57 1/4	129	-
60"	602128	324705	69	9 1/8	16 11/16	21 1/4	9	11 1/2	63	140	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

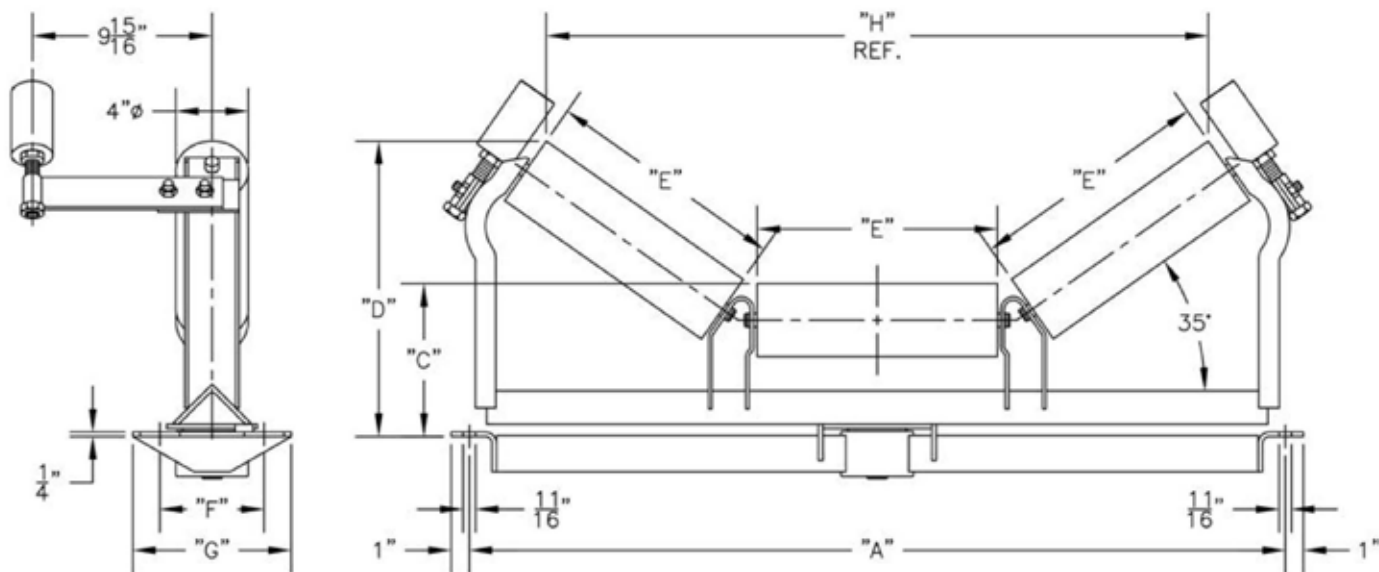
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 35°

In-line Training Idler Assembly

4" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
			A	C	D	E	F	G	H		
18"	340917	324641	27	8 3/8	12 3/4	7 1/4	5 1/4	7 3/4	20 3/4	61	-
24"	340918	323373	33	8 11/16	14 1/4	9 1/4	5 1/4	7 3/4	26	72	-
30"	340919	324652	39	8 11/16	15 3/8	11 1/4	5 1/4	7 3/4	31 1/4	82	-
36"	340920	324653	45	8 3/4	16 9/16	13 1/4	5 1/4	7 3/4	36 3/8	93	-
42"	354185	324658	51	8 3/4	17 3/4	15 1/4	7 1/2	10	41 13/16	107	-
48"	354186	324662	57	8 3/4	18 7/8	17 1/4	7 1/2	10	47 1/16	118	-
54"	354187	324669	63	8 3/4	20 1/16	19 1/4	9	11 1/2	52 3/8	132	-
60"	354188	324705	69	8 3/4	21 3/16	21 1/4	9	11 1/2	57 5/8	143	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

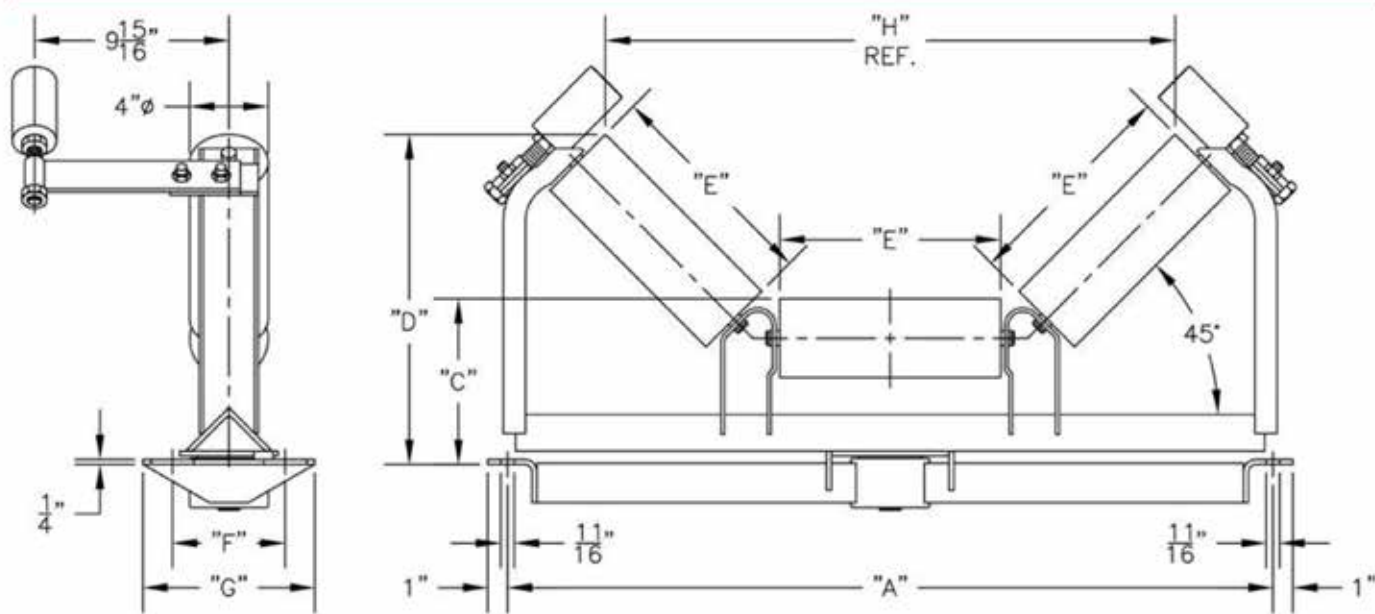
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 45°

In-line Training Idler Assembly

4" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
18"	602129	324641	27	8 1/16	13 11/16	7 1/4	5 1/4	7 3/4	19 3/8	63	-
24"	602130	323373	33	8 3/8	15 7/16	9 1/4	5 1/4	7 3/4	24 1/4	74	-
30"	602131	324652	39	8 3/8	16 7/8	11 1/4	5 1/4	7 3/4	29	84	-
36"	602132	324653	45	8 7/16	18 5/16	13 1/4	5 1/4	7 3/4	33 7/8	95	-
42"	602133	324658	51	8 3/4	20 1/16	15 1/4	7 1/2	10	38 5/8	109	-
48"	602134	324662	57	8 3/4	21 7/16	17 1/4	7 1/2	10	43 1/2	120	-
54"	602135	324669	63	9 1/8	23 1/4	19 1/4	9	11 1/2	48 3/8	133	-
60"	602136	324705	69	9 1/8	24 5/8	21 1/4	9	11 1/2	53 1/8	145	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

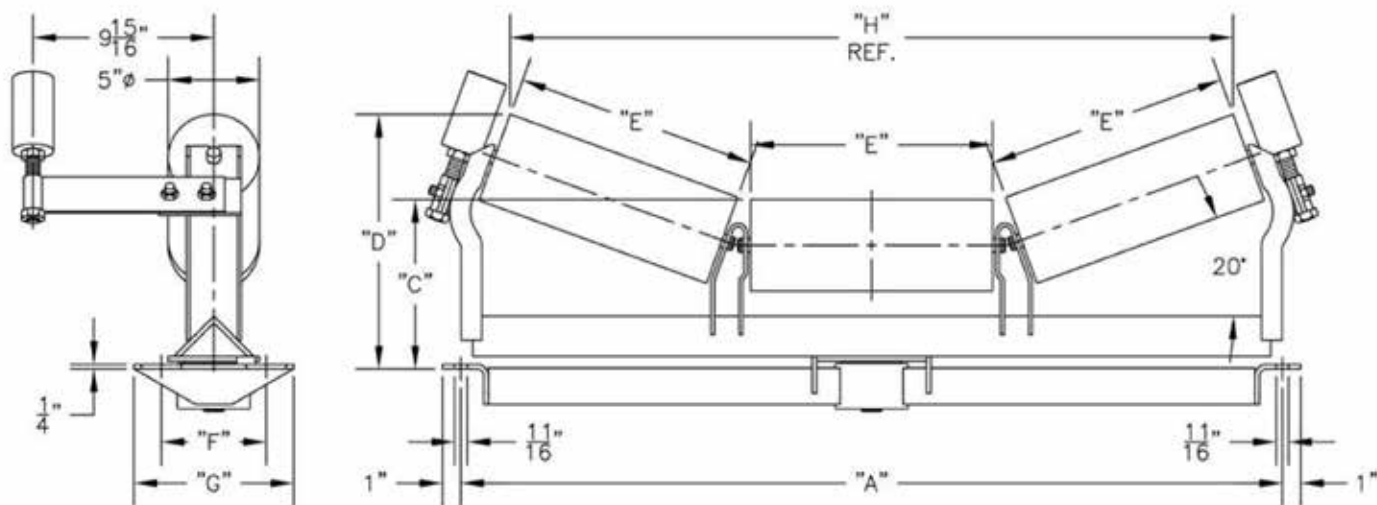
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 20°

In-line Training Idler Assembly

5" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
18"	352033	325333	27	8 9/16	11 3/16	7 1/4	5 1/4	7 3/4	22 5/16	65	-
24"	352034	325335	33	8 7/8	12 1/4	9 1/4	5 1/4	7 3/4	28 1/16	77	-
30"	352035	325338	39	8 7/8	12 7/8	11 1/4	5 1/4	7 3/4	33 15/16	86	-
36"	352036	325339	45	8 15/16	13 5/8	13 1/4	5 1/4	7 3/4	39 5/8	99	-
42"	338994	325341	51	9 1/4	14 9/16	15 1/4	7 1/2	10	45 3/8	117	-
48"	338995	325342	57	9 1/4	15 1/4	17 1/4	7 1/2	10	51 1/8	125	-
54"	338997	325343	63	9 5/8	16 5/16	19 1/4	9	11 1/2	56 7/8	141	-
60"	338998	325344	69	9 5/8	17	21 1/4	9	11 1/2	62 5/8	152	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

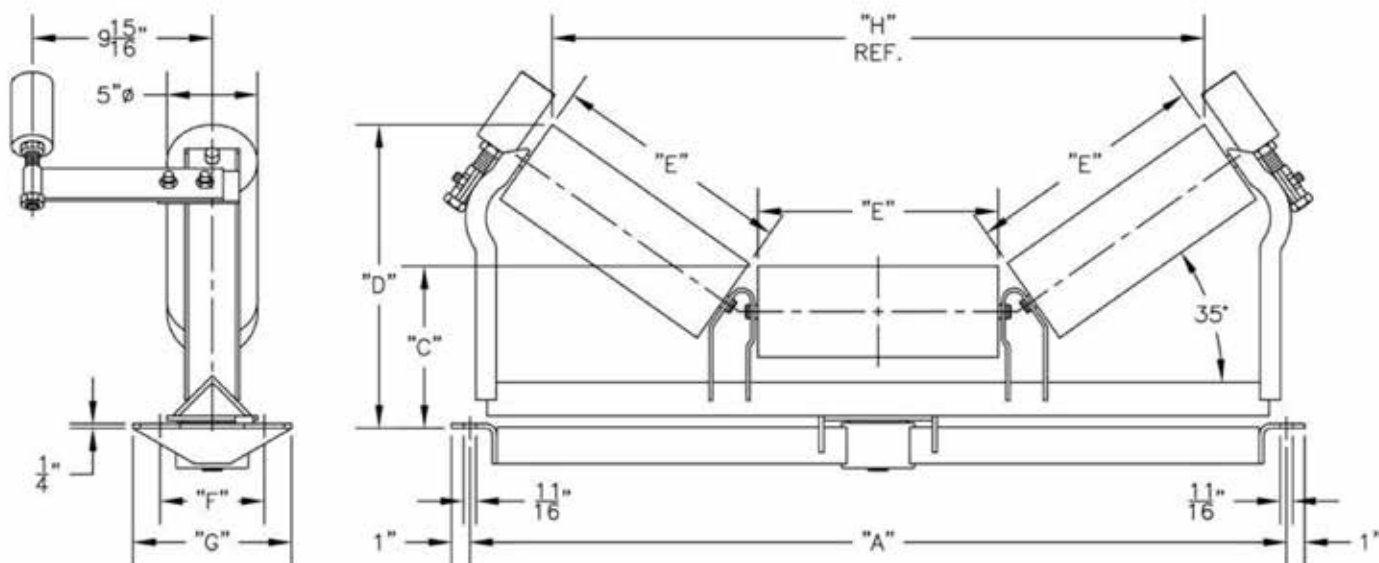
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 35°

In-line Training Idler Assembly

5" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
			A	C	D	E	F	G	H		
18"	340884	325333	27	8 7/8	13 3/16	7 1/4	5 1/4	7 3/4	20 1/8	67	-
24"	340885	325335	33	9 3/16	14 11/16	9 1/4	5 1/4	7 3/4	25 3/8	78	-
30"	340886	325338	39	9 3/16	19 3/16	11 1/4	5 1/4	7 3/4	30 11/16	88	-
36"	340887	325339	45	9 1/4	16 15/16	13 1/4	5 1/4	7 3/4	35 15/16	102	-
42"	340932	325341	51	9 9/16	18 1/2	15 1/4	7 1/2	10	41 1/4	119	-
48"	340933	325342	57	9 9/16	19 5/8	17 1/4	7 1/2	10	46 1/2	127	-
54"	340934	325343	63	9 15/16	21 1/8	19 1/4	9	11 1/2	51 13/16	144	-
60"	340935	325344	69	9 15/16	22 1/4	21 1/4	9	11 1/2	57 1/16	155	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

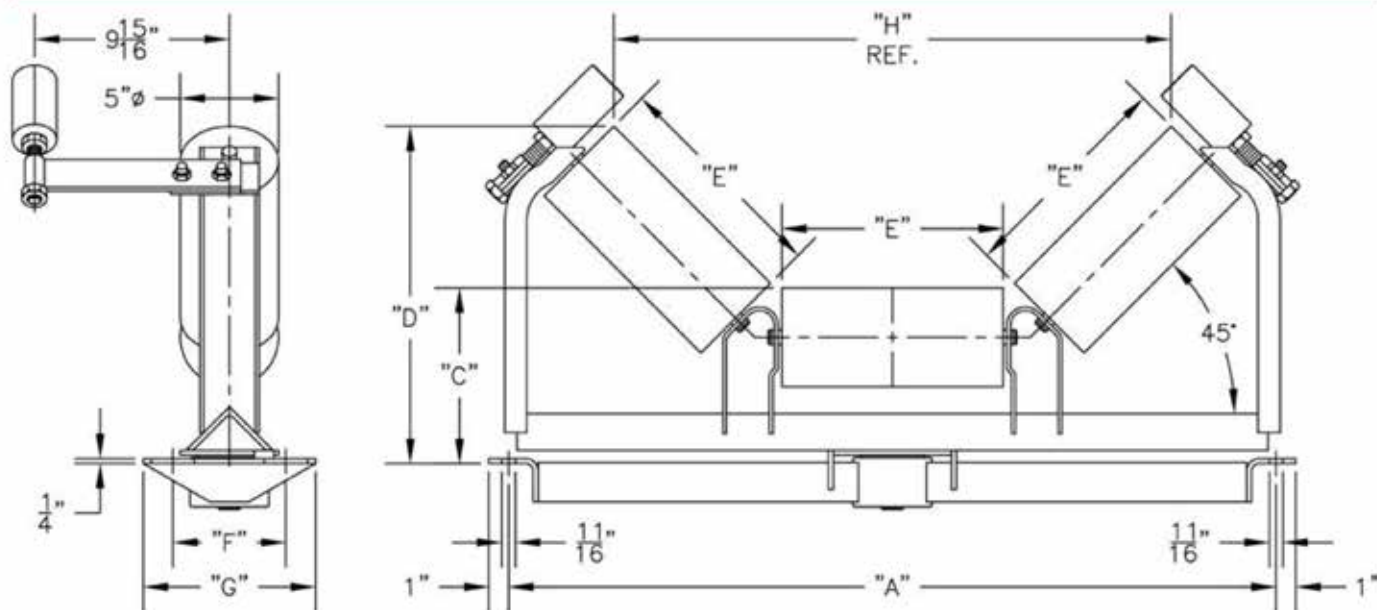
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 45°

In-line Training Idler Assembly

5" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
18"	602137	325333	27	8 9/16	13 15/16	7 1/4	5 1/4	7 3/4	18 11/16	69	-
24"	602138	325335	33	8 7/8	15 11/16	9 1/4	5 1/4	7 3/4	23 1/2	80	-
30"	602139	325338	39	8 7/8	17 1/8	11 1/4	5 1/4	7 3/4	28 5/16	90	-
36"	602140	325339	45	8 15/16	18 9/16	13 1/4	5 1/4	7 3/4	33 1/8	104	-
42"	365445	325341	51	9 1/4	20 1/4	15 1/4	7 1/2	10	38	121	-
48"	365446	325342	57	9 1/4	21 11/16	17 1/4	7 1/2	10	42 13/16	129	-
54"	365447	325343	63	9 5/8	23 7/16	19 1/4	9	11 1/2	47 5/8	145	-
60"	365448	325344	69	9 5/8	24 7/8	21 1/4	9	11 1/2	52 7/16	157	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

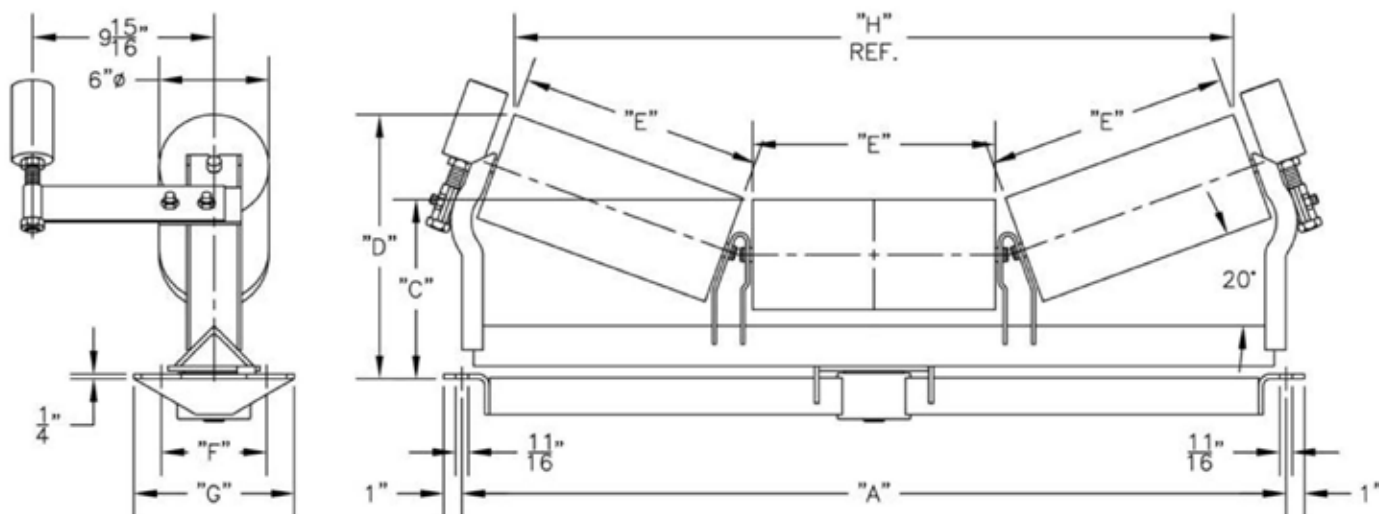
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 20°

In-line Training Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
24"	355144	325365	33	9 3/8	12 11/16	9 1/4	5 1/4	7 3/4	27 3/4	83	-
30"	355145	325366	39	9 3/8	13 5/16	11 1/4	5 1/4	7 3/4	33 1/2	95	-
36"	355146	325367	45	9 7/16	14	13 1/4	5 1/4	7 3/4	39 1/4	108	-
42"	355164	325368	51	9 3/4	15 1/16	15 1/4	7 1/2	10	45	126	-
48"	355166	325369	57	9 3/4	15 3/4	17 1/4	7 1/2	10	50 3/4	137	-
54"	355167	325370	63	10 1/8	16 13/16	19 1/4	9	11 1/2	56 1/2	153	-
60"	355168	325372	69	10 1/8	17 1/2	21 1/4	9	11 1/2	62 5/16	164	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

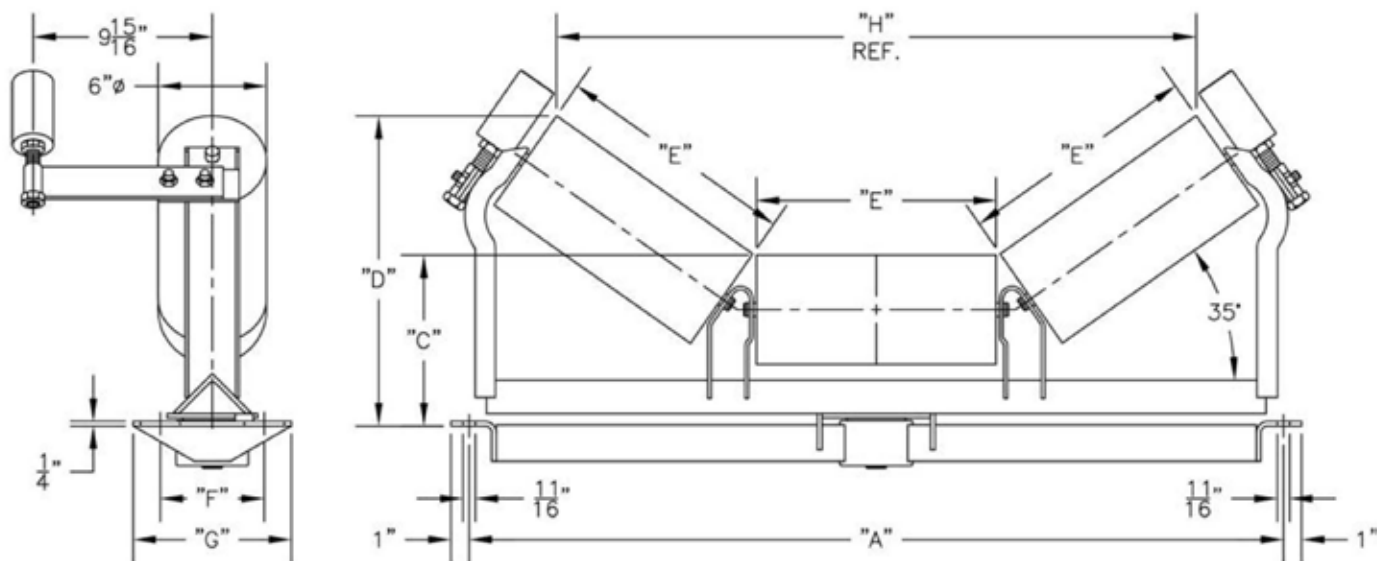
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 35°

In-line Training Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
			A	C	D	E	F	G	H		
24"	340849	325365	33	9 11/16	17 3/8	9 1/4	5 1/4	7 3/4	24 7/8	84	-
30"	340850	325366	39	9 11/16	18 1/2	11 1/4	5 1/4	7 3/4	30	97	-
36"	340851	325367	45	9 3/4	19 11/16	13 1/4	5 1/4	7 3/4	35 1/8	111	-
42"	337033	325368	51	9 3/4	18 3/16	15 1/4	7 1/2	10	40 11/16	128	-
48"	337034	325369	57	9 3/4	19 5/16	17 1/4	7 1/2	10	45 15/16	139	-
54"	337035	325370	63	10 1/8	20 13/16	19 1/4	9	11 1/2	51 3/16	156	-
60"	337036	325372	69	10 1/8	21 15/16	21 1/4	9	11 1/2	56 1/2	167	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

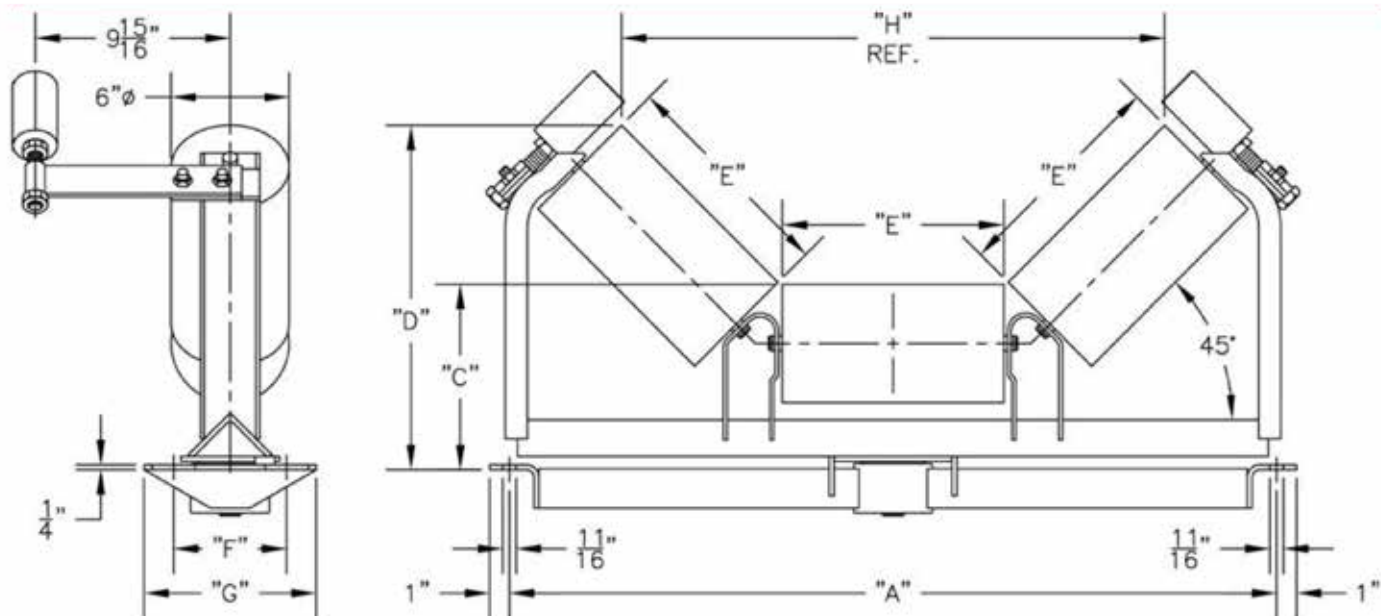
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 45°

In-line Training Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
24"	602141	325365	33	9 3/8	16 1/16	9 1/4	5 1/4	7 3/4	22 13/16	86	-
30"	602142	325366	39	9 3/8	17 7/16	11 1/4	5 1/4	7 3/4	27 5/8	99	-
36"	602143	325367	45	9 7/16	18 15/16	13 1/4	5 1/4	7 3/4	32 7/16	113	-
42"	335669	325368	51	9 3/4	20 5/8	15 1/4	7 1/2	10	37 1/4	130	-
48"	335670	325369	57	9 3/4	22 1/16	17 1/4	7 1/2	10	42 1/8	141	-
54"	335671	325370	63	10 1/8	23 13/16	19 1/4	9	11 1/2	46 15/16	157	-
60"	335672	325372	69	10 1/8	25 1/4	21 1/4	9	11 1/2	51 3/4	169	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

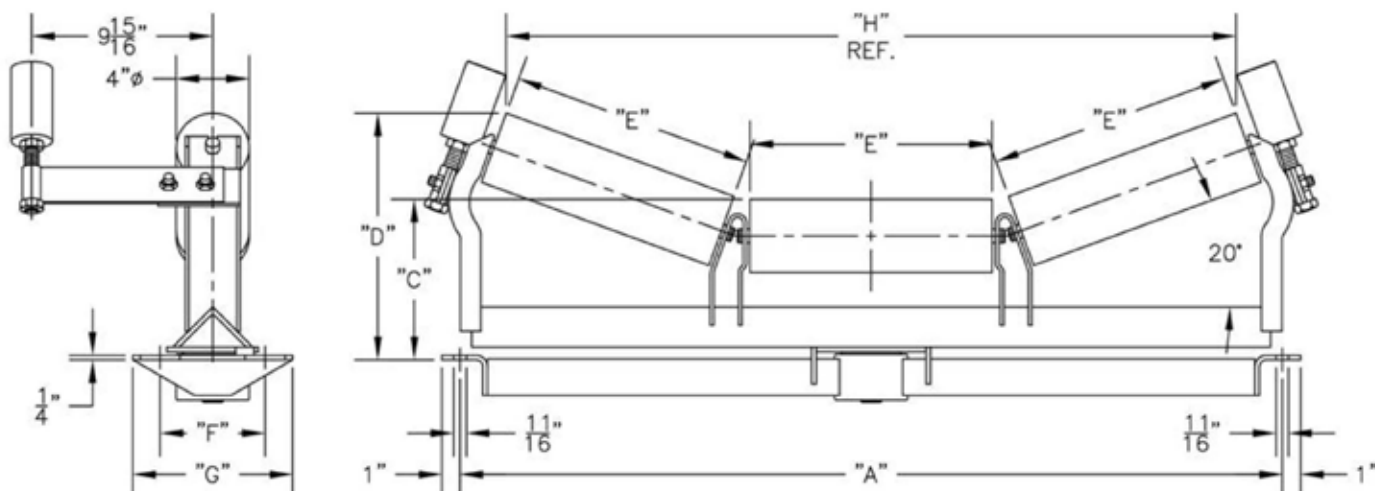
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 20°

In-line Training Idler Assembly

4" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
18"	602144	333810	27	8 1/16	10 13/16	7 1/4	5 1/4	7 3/4	22 5/8	61	-
24"	602145	333814	33	8 3/8	11 7/8	9 1/4	5 1/4	7 3/4	28 3/8	73	-
30"	602146	333816	39	8 3/8	12 9/16	11 1/4	5 1/4	7 3/4	34 1/8	79	-
36"	602147	333818	45	8 7/16	13 1/4	13 1/4	5 1/4	7 3/4	39 7/8	92	-
42"	602148	333820	51	8 3/4	14 1/4	15 1/4	7 1/2	10	45 3/4	107	-
48"	602149	333822	57	8 3/4	14 15/16	17 1/4	7 1/2	10	51 1/2	118	-
54"	602150	333824	63	9 1/8	16	19 1/4	9	11 1/2	57 1/4	131	-
60"	602151	333826	69	9 1/8	16 11/16	21 1/4	9	11 1/2	63	142	-

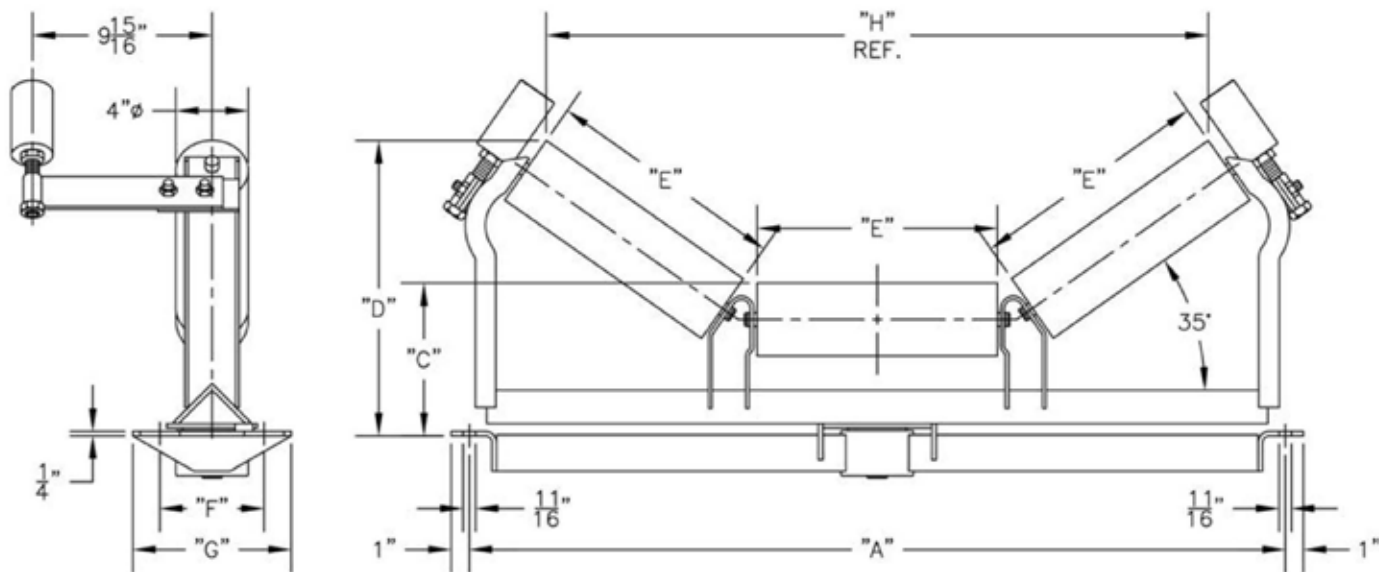
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 35°

In-line Training Idler Assembly

4" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
18"	363996	333810	27	8 3/8	12 3/4	7 1/4	5 1/4	7 3/4	20 3/4	63	-
24"	363997	333814	33	8 11/16	14 1/4	9 1/4	5 1/4	7 3/4	26	74	-
30"	363998	333816	39	8 11/16	15 3/8	11 1/4	5 1/4	7 3/4	31 1/4	81	-
36"	363999	333818	45	8 3/4	16 9/16	13 1/4	5 1/4	7 3/4	36 3/8	95	-
42"	366456	333820	51	8 3/4	17 3/4	15 1/4	7 1/2	10	41 13/16	109	-
48"	366457	333822	57	8 3/4	18 7/8	17 1/4	7 1/2	10	47 1/16	120	-
54"	366458	324669	63	8 3/4	20 1/16	19 1/4	9	11 1/2	52 3/8	134	-
60"	366459	333826	69	8 3/4	21 3/16	21 1/4	9	11 1/2	57 5/8	145	-

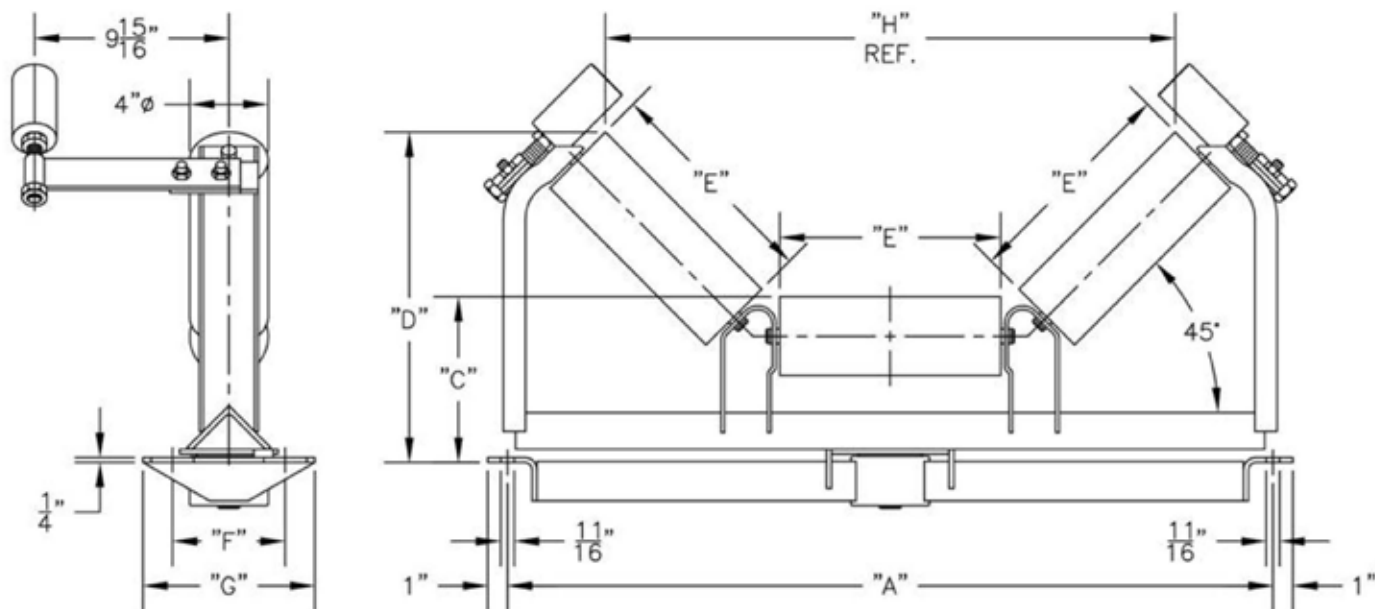
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 45°

In-line Training Idler Assembly

4" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
			A	C	D	E	F	G	H		
18"	602152	333810	27	8 1/16	13 11/16	7 1/4	5 1/4	7 3/4	19 3/8	65	-
24"	602153	333814	33	8 3/8	15 7/16	9 1/4	5 1/4	7 3/4	24 1/4	75	-
30"	602154	333816	39	8 3/8	16 7/8	11 1/4	5 1/4	7 3/4	29	83	-
36"	602155	333818	45	8 7/16	18 5/16	13 1/4	5 1/4	7 3/4	33 7/8	98	-
42"	602156	333820	51	8 3/4	20 1/16	15 1/4	7 1/2	10	38 5/8	111	-
48"	602157	333822	57	8 3/4	21 7/16	17 1/4	7 1/2	10	43 1/2	122	-
54"	602158	333824	63	9 1/8	23 1/4	19 1/4	9	11 1/2	48 3/8	135	-
60"	602159	333826	69	9 1/8	24 5/8	21 1/4	9	11 1/2	53 1/8	147	-

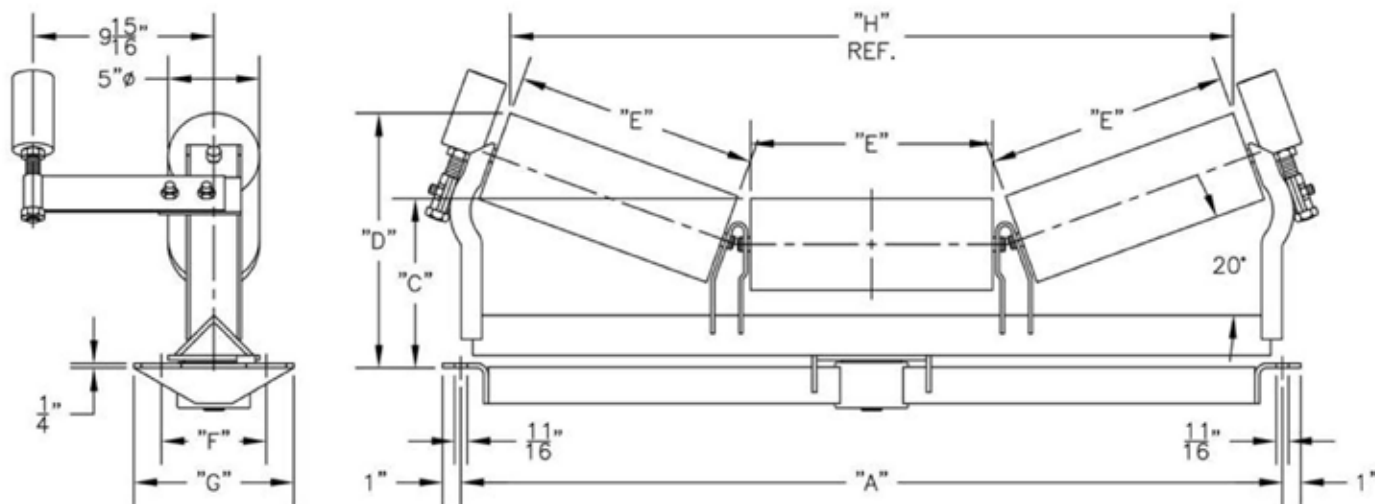
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 20°

In-line Training Idler Assembly

5" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
			A	C	D	E	F	G	H		
18"	354070	332985	27	8 9/16	11 3/16	7 1/4	5 1/4	7 3/4	22 5/16	64	-
24"	354071	332987	33	8 7/8	12 1/4	9 1/4	5 1/4	7 3/4	28 1/16	76	-
30"	354072	332988	39	8 7/8	12 7/8	11 1/4	5 1/4	7 3/4	33 15/16	82	-
36"	354073	332989	45	8 15/16	13 5/8	13 1/4	5 1/4	7 3/4	39 5/8	95	-
42"	363261	332990	51	9 1/4	14 9/16	15 1/4	7 1/2	10	45 3/8	113	-
48"	363262	332991	57	9 1/4	15 1/4	17 1/4	7 1/2	10	51 1/8	124	-
54"	363263	332992	63	9 5/8	16 5/16	19 1/4	9	11 1/2	56 7/8	140	-
60"	363264	332993	69	9 5/8	17	21 1/4	9	11 1/2	62 5/8	151	-

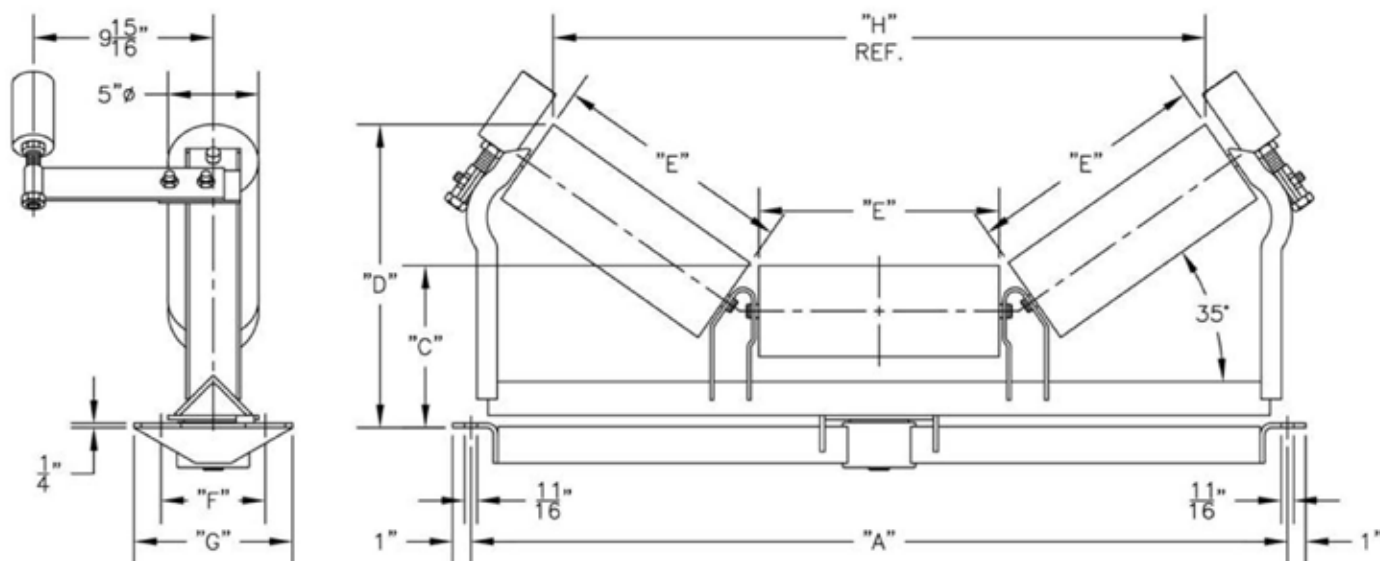
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 35°

In-line Training Idler Assembly

5" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
18"	354677	332985	27	8 7/8	13 3/16	7 1/4	5 1/4	7 3/4	20 1/8	66	-
24"	354678	332987	33	9 3/16	14 11/16	9 1/4	5 1/4	7 3/4	25 3/8	77	-
30"	354679	332988	39	9 3/16	19 3/16	11 1/4	5 1/4	7 3/4	30 11/16	84	-
36"	354680	332989	45	9 1/4	16 15/16	13 1/4	5 1/4	7 3/4	35 15/16	98	-
42"	366451	332990	51	9 9/16	18 1/2	15 1/4	7 1/2	10	41 1/4	115	-
48"	366452	332991	57	9 9/16	19 5/8	17 1/4	7 1/2	10	46 1/2	126	-
54"	366453	332992	63	9 15/16	21 1/8	19 1/4	9	11 1/2	51 13/16	143	-
60"	366454	332993	69	9 15/16	22 1/4	21 1/4	9	11 1/2	57 1/16	154	-

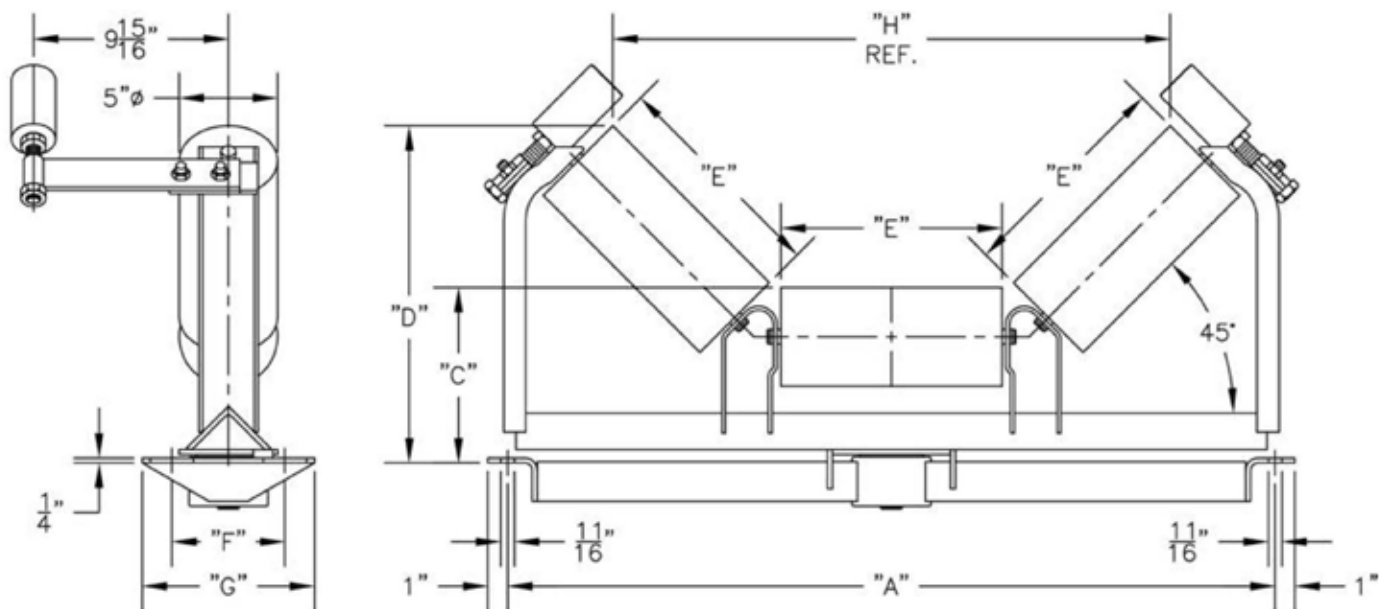
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 45°

In-line Training Idler Assembly

5" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
18"	602160	332985	27	8 9/16	13 15/16	7 1/4	5 1/4	7 3/4	18 11/16	68	-
24"	602161	332987	33	8 7/8	15 11/16	9 1/4	5 1/4	7 3/4	23 1/2	78	-
30"	602162	332988	39	8 7/8	17 1/8	11 1/4	5 1/4	7 3/4	28 5/16	86	-
36"	602163	332989	45	8 15/16	18 9/16	13 1/4	5 1/4	7 3/4	33 1/8	101	-
42"	356979	332990	51	9 1/4	20 1/4	15 1/4	7 1/2	10	38	117	-
48"	356980	332991	57	9 1/4	21 11/16	17 1/4	7 1/2	10	42 13/16	128	-
54"	356981	332992	63	9 5/8	23 7/16	19 1/4	9	11 1/2	47 5/8	144	-
60"	356986	332993	69	9 5/8	24 7/8	21 1/4	9	11 1/2	52 7/16	156	-

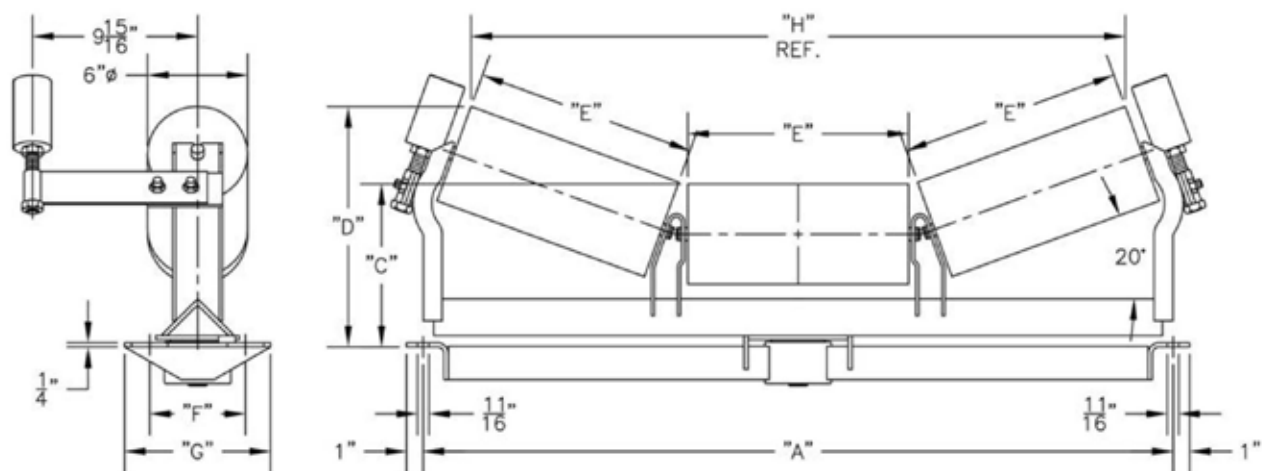
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 20°

In-line Training Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
24"	353943	332977	33	9 3/8	12 11/16	9 1/4	5 1/4	7 3/4	27 3/4	79	-
30"	353944	332978	39	9 3/8	13 5/16	11 1/4	5 1/4	7 3/4	33 1/2	88	-
36"	353945	332979	45	9 7/16	14	13 1/4	5 1/4	7 3/4	39 1/4	104	-
42"	363885	332980	51	9 3/4	15 1/16	15 1/4	7 1/2	10	45	125	-
48"	363886	332981	57	9 3/4	15 3/4	17 1/4	7 1/2	10	51 3/4	135	-
54"	363887	332982	63	10 1/8	16 13/16	19 1/4	9	11 1/2	56 1/2	155	-
60"	363888	332983	69	10 1/8	17 1/2	21 1/4	9	11 1/2	62 5/16	166	-

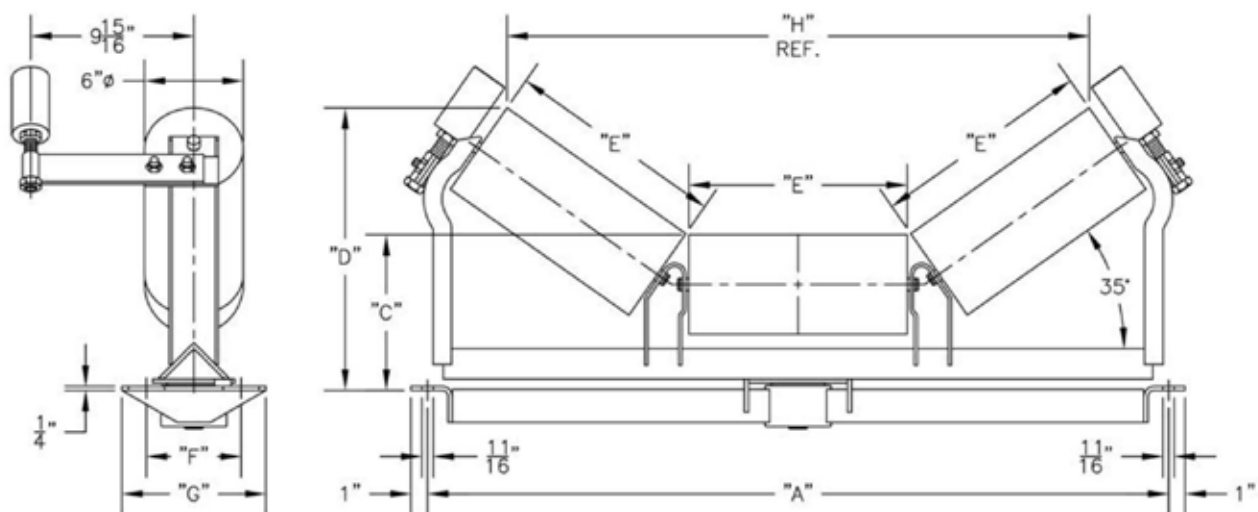
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 35°

In-line Training Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
24"	343229	332977	33	9 11/16	17 3/8	9 1/4	5 1/4	7 3/4	24 7/8	80	-
30"	343230	332978	39	9 11/16	18 1/2	11 1/4	5 1/4	7 3/4	30	90	-
36"	343231	332979	45	9 3/4	19 11/16	13 1/4	5 1/4	7 3/4	35 1/8	104	-
42"	337068	332980	51	9 3/4	18 3/16	15 1/4	7 1/2	10	40 11/16	121	-
48"	337069	332981	57	9 3/4	19 5/16	17 1/4	7 1/2	10	45 15/16	132	-
54"	337070	332982	63	10 1/8	20 13/16	19 1/4	9	11 1/2	51 3/16	149	-
60"	337071	332983	69	10 1/8	21 15/16	21 1/4	9	11 1/2	56 1/2	160	-

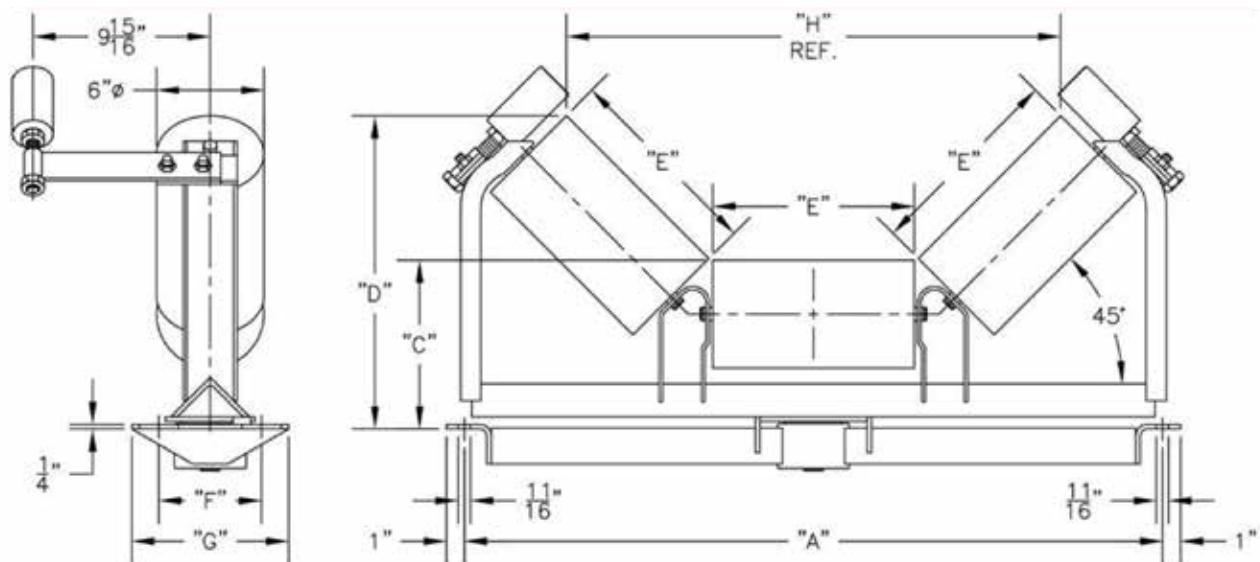
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 45°

In-line Training Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
24"	602164	332977	33	9 3/8	16 1/16	9 1/4	5 1/4	7 3/4	22 13/16	81	-
30"	602165	332978	39	9 3/8	17 7/16	11 1/4	5 1/4	7 3/4	27 5/8	92	-
36"	602166	332979	45	9 7/16	18 15/16	13 1/4	5 1/4	7 3/4	32 7/16	107	-
42"	366434	332980	51	9 3/4	20 5/8	15 1/4	7 1/2	10	37 1/4	123	-
48"	366435	332981	57	9 3/4	22 1/16	17 1/4	7 1/2	10	42 1/8	134	-
54"	366436	332982	63	10 1/8	23 13/16	19 1/4	9	11 1/2	46 15/16	150	-
60"	366437	332983	69	10 1/8	25 1/4	21 1/4	9	11 1/2	51 3/4	162	-

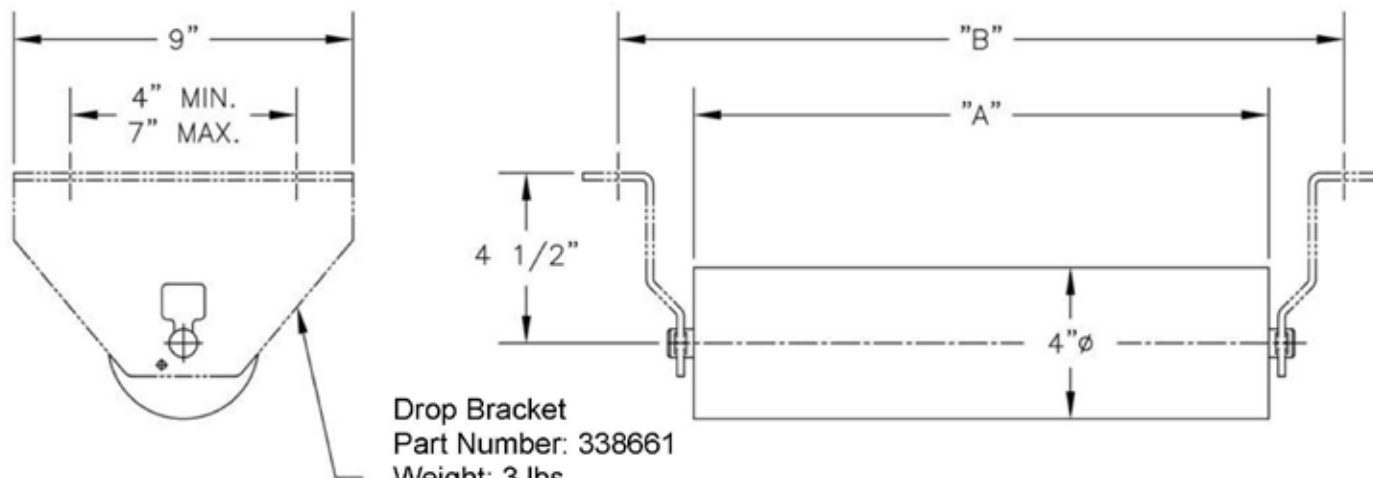
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Return Idler Assembly

4" Diameter Steel Roll



Drop Bracket
Part Number: 338661
Weight: 3 lbs.
List Price:
Sold separately from return roll.

Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
18"	343850	23	27	23	-
24"	324709	29	33	28	-
30"	324714	35	39	32	-
36"	324717	41	45	36	-
42"	324721	47	51	41	-
48"	324727	53	57	45	-
54"	324730	59	63	50	-
60"	324732	65	69	54	-

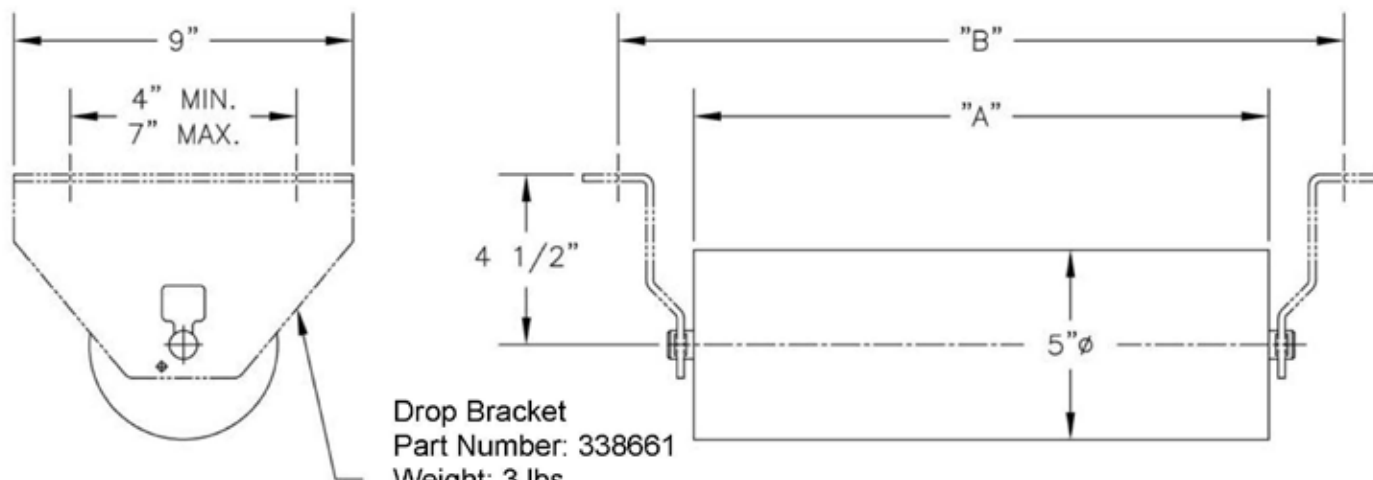
All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Return Idler Assembly

5" Diameter Steel Roll



Drop Bracket
Part Number: 338661
Weight: 3 lbs.
List Price:
Sold separately from return roll.

Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
18"	339658	23	27	28	-
24"	325345	29	33	33	-
30"	325348	35	39	38	-
36"	325354	41	45	44	-
42"	325356	47	51	44	-
48"	325357	53	57	49	-
54"	325358	59	63	57	-
60"	325359	65	69	65	-

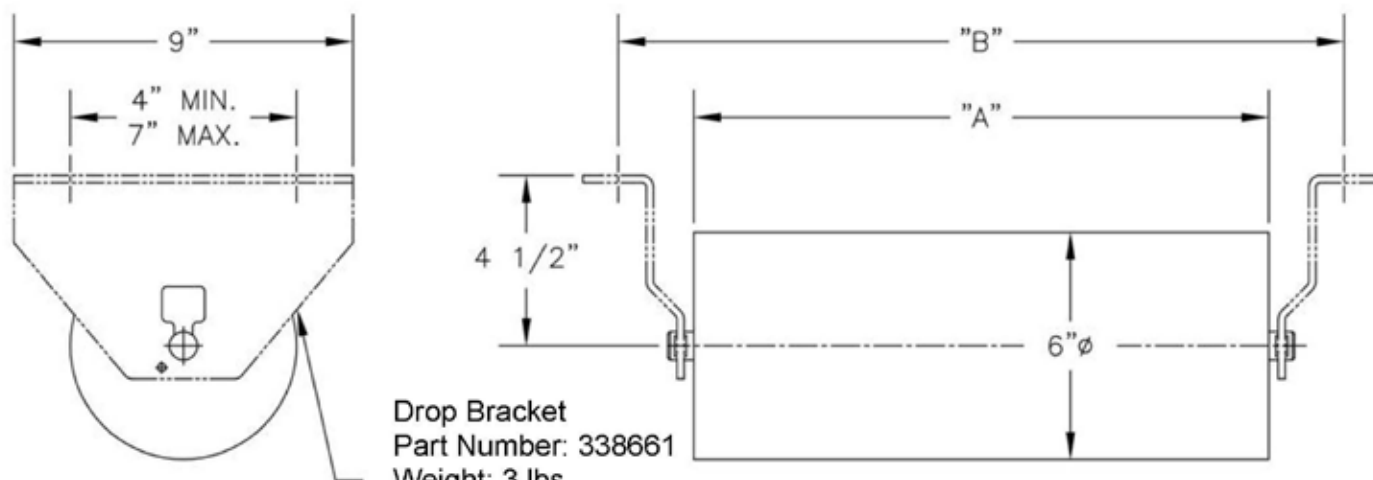
All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Return Idler Assembly

6" Diameter Steel Roll



Drop Bracket
Part Number: 338661
Weight: 3 lbs.
List Price:
Sold separately from return roll.

Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
24"	325374	29	33	38	-
30"	325452	35	39	45	-
36"	325454	41	45	51	-
42"	325485	47	51	57	-
48"	325488	53	57	64	-
54"	325493	59	63	70	-
60"	325498	65	69	76	-

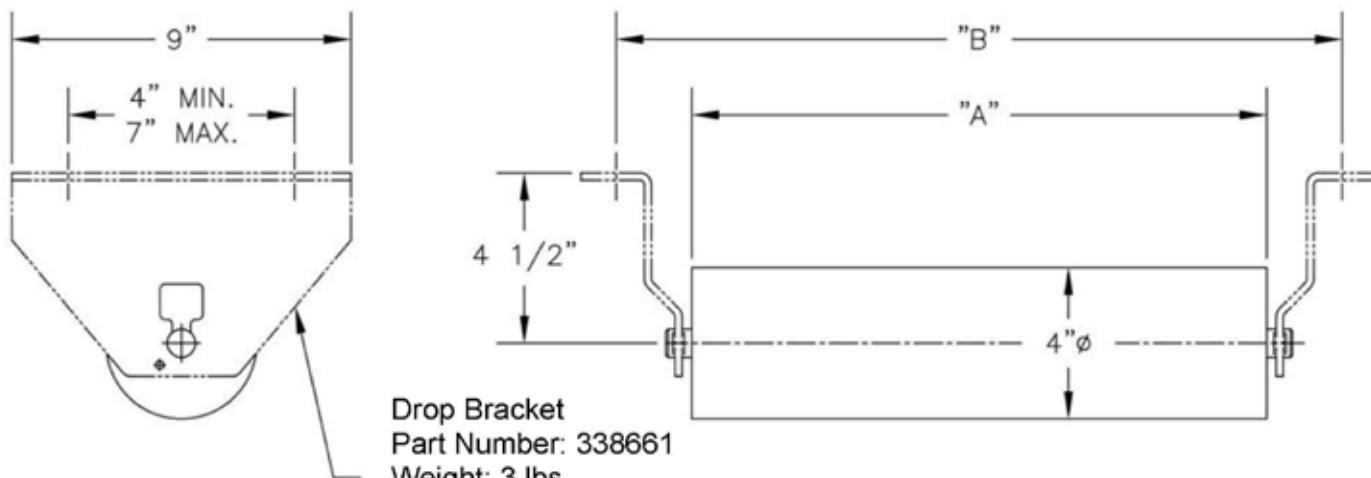
All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Return Idler Assembly

4" Diameter EXALON Roll



Drop Bracket
Part Number: 338661
Weight: 3 lbs.
List Price:
Sold separately from return roll.

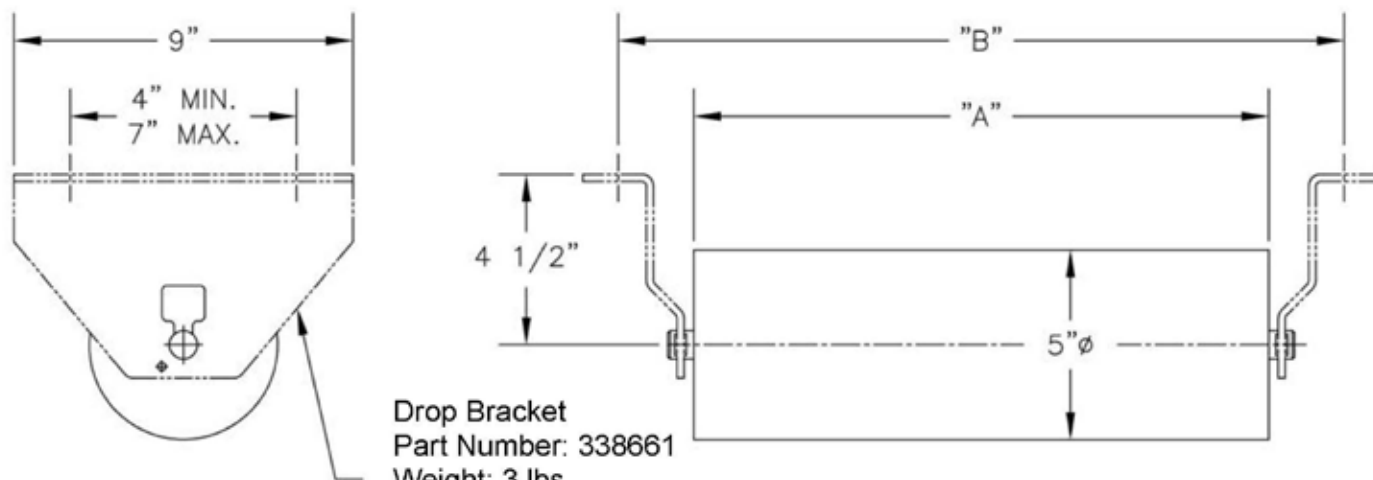
Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
18"	358291	23	27	16	
24"	333811	29	33	20	-
30"	333815	35	39	23	-
36"	333817	41	45	28	-
42"	333819	47	51	41	-
48"	333821	53	57	46	-
54"	333823	59	63	52	-
60"	333825	65	69	57	-

All dimensions are subject to change without notice. Certified prints are available upon request.
*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Return Idler Assembly

5" Diameter EXALON Roll



Drop Bracket
Part Number: 338661
Weight: 3 lbs.
List Price:
Sold separately from return roll.

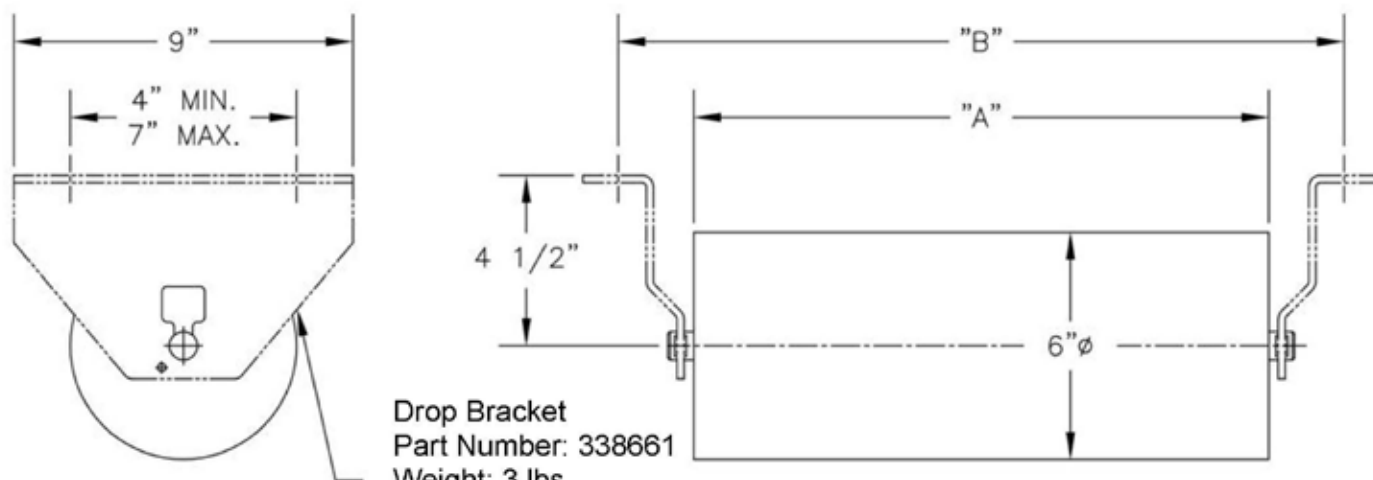
Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
18"	353040	23	27	19	
24"	332995	29	33	23	-
30"	333017	35	39	27	-
36"	333018	41	45	32	-
42"	333019	47	51	47	-
48"	333020	53	57	52	-
54"	333025	59	63	59	-
60"	333026	65	69	64	-

All dimensions are subject to change without notice. Certified prints are available upon request.
*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Return Idler Assembly

6" Diameter EXALON Roll



Drop Bracket
Part Number: 338661
Weight: 3 lbs.
List Price:
Sold separately from return roll.

Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
24"	333004	29	33	26	-
30"	333021	35	39	30	-
36"	333022	41	45	37	-
42"	333023	47	51	52	-
48"	333024	53	57	58	-
54"	333033	59	63	65	-
60"	333034	65	69	71	-

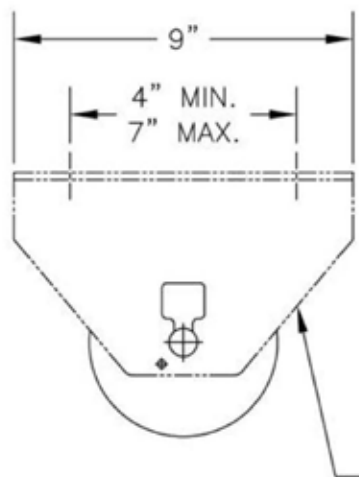
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

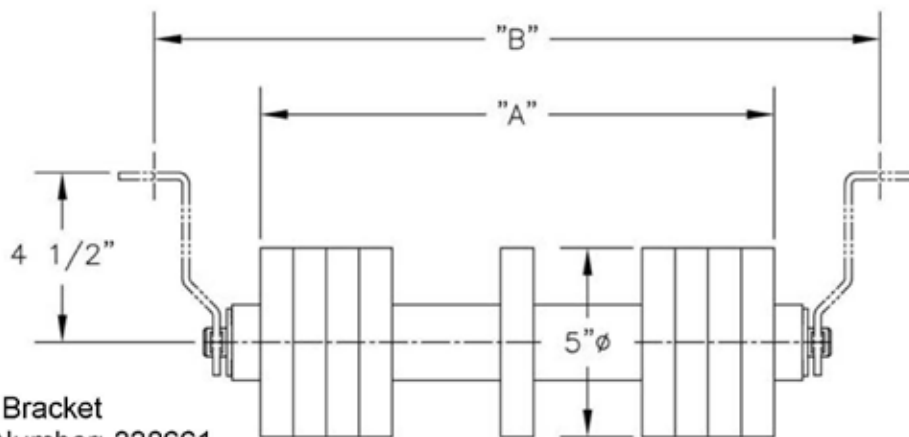
CEMA C

Return Idler Assembly

5" Diameter Rubber Disc Roll



Drop Bracket
Part Number: 338661
Weight: 3 lbs.
List Price:
Sold separately from return roll.



Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
24"	343259	27 3/8	33	27	-
30"	343262	33 3/8	39	31	-
36"	343263	39 3/8	45	35	-
42"	343264	45 3/8	51	40	-
48"	343265	51 3/8	57	44	-
54"	343266	57 3/8	63	49	-
60"	343267	63 3/8	69	53	-

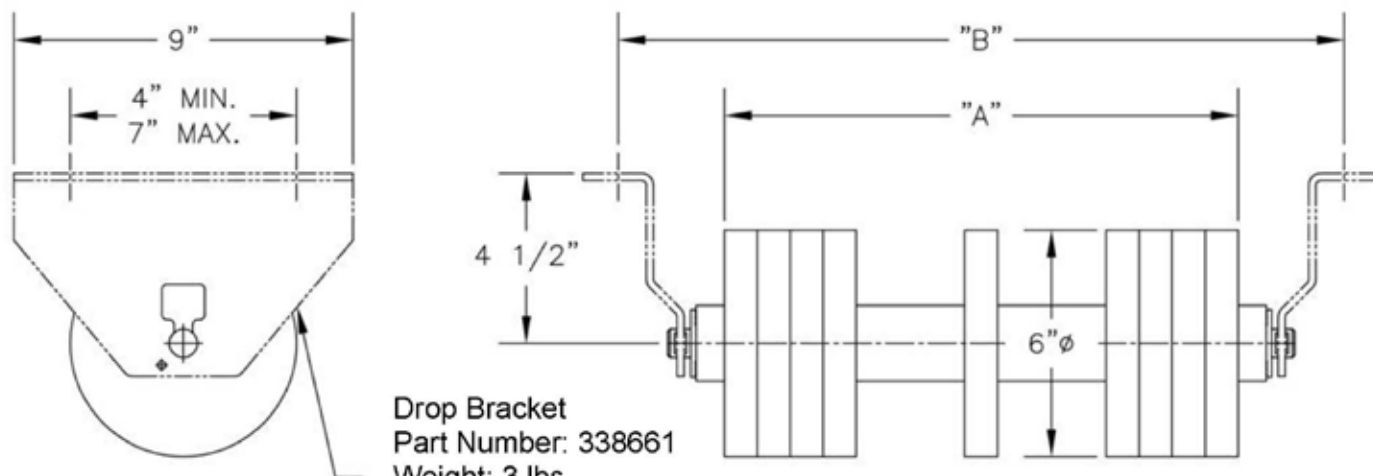
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Return Idler Assembly

6" Diameter Rubber Disc Roll



Drop Bracket
Part Number: 338661
Weight: 3 lbs.
List Price:
Sold separately from return roll.

*Number of discs in picture are for representation purposes only.
All inner discs are evenly spaced and quantities vary between belt widths.*

Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
24"	344701	27 3/8	33	28	-
30"	344702	33 3/8	39	32	-
36"	344703	39 3/8	45	36	-
42"	344704	45 3/8	51	42	-
48"	344618	51 3/8	57	46	-
54"	344705	57 3/8	63	51	-
60"	344706	63 3/8	69	55	-

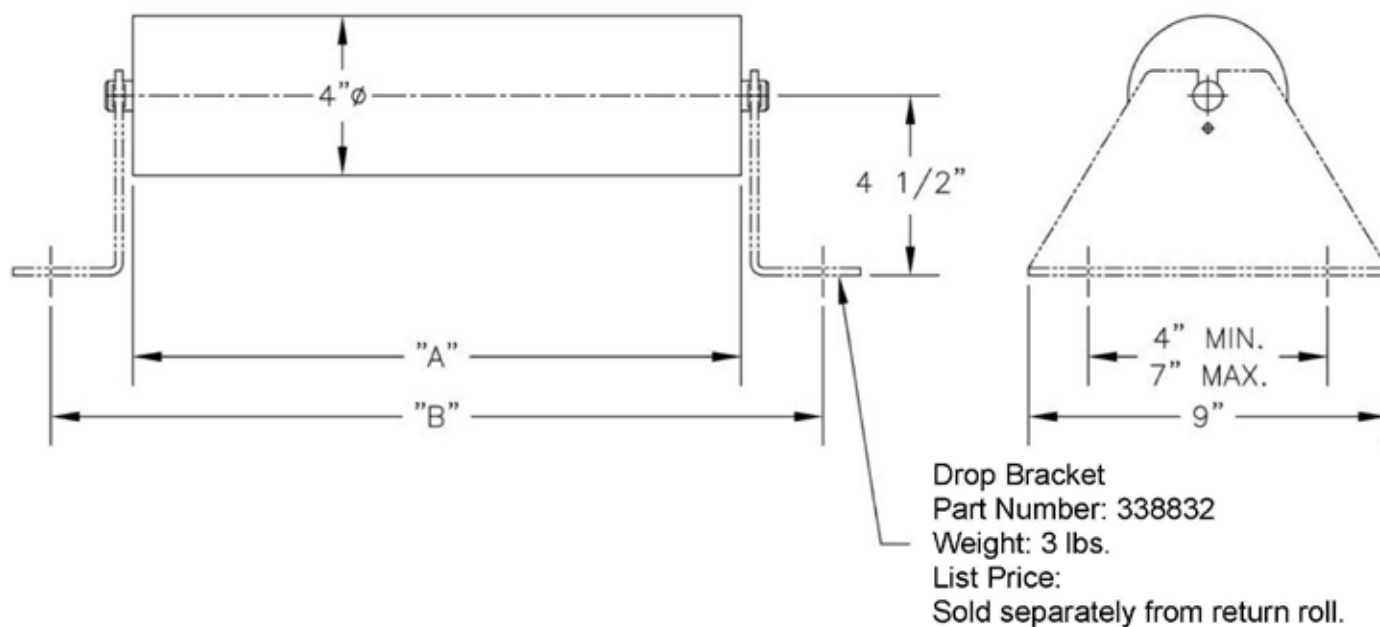
All dimensions are subject to change without notice. Certified prints are available upon request.

**Note: CEMA C replacement roll pricing and dimensional data begins on page 79.*

CEMA C

Flat Belt Idler Assembly

4" Diameter Steel Roll



Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
18"	343850	23	27	23	-
24"	324709	29	33	28	-
30"	324714	35	39	32	-
36"	324717	41	45	36	-
42"	324721	47	51	41	-
48"	324727	53	57	45	-
54"	324730	59	63	50	-
60"	324732	65	69	54	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

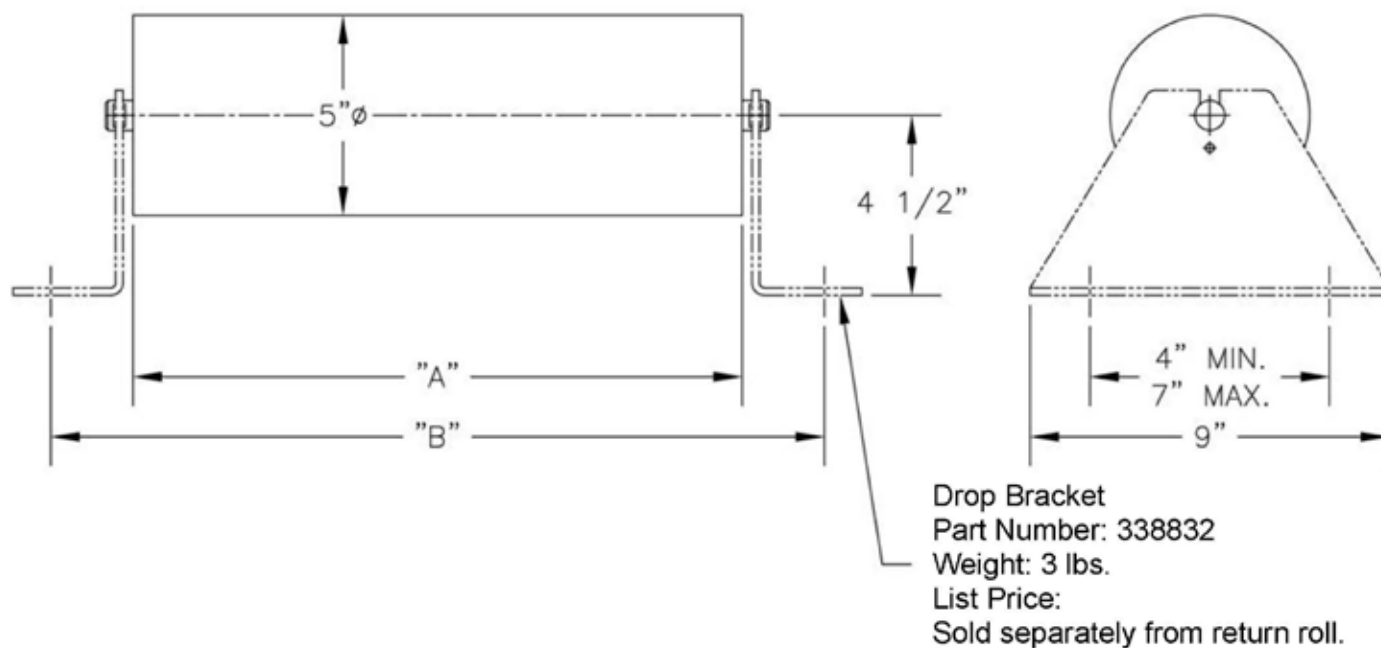
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Flat Belt Idler Assembly

5" Diameter Steel Roll



Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
18"	339658	23	27	28	-
24"	325345	29	33	33	-
30"	325348	35	39	38	-
36"	325354	41	45	44	-
42"	325356	47	51	49	-
48"	325357	53	57	54	-
54"	325358	59	63	57	-
60"	325359	65	69	65	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

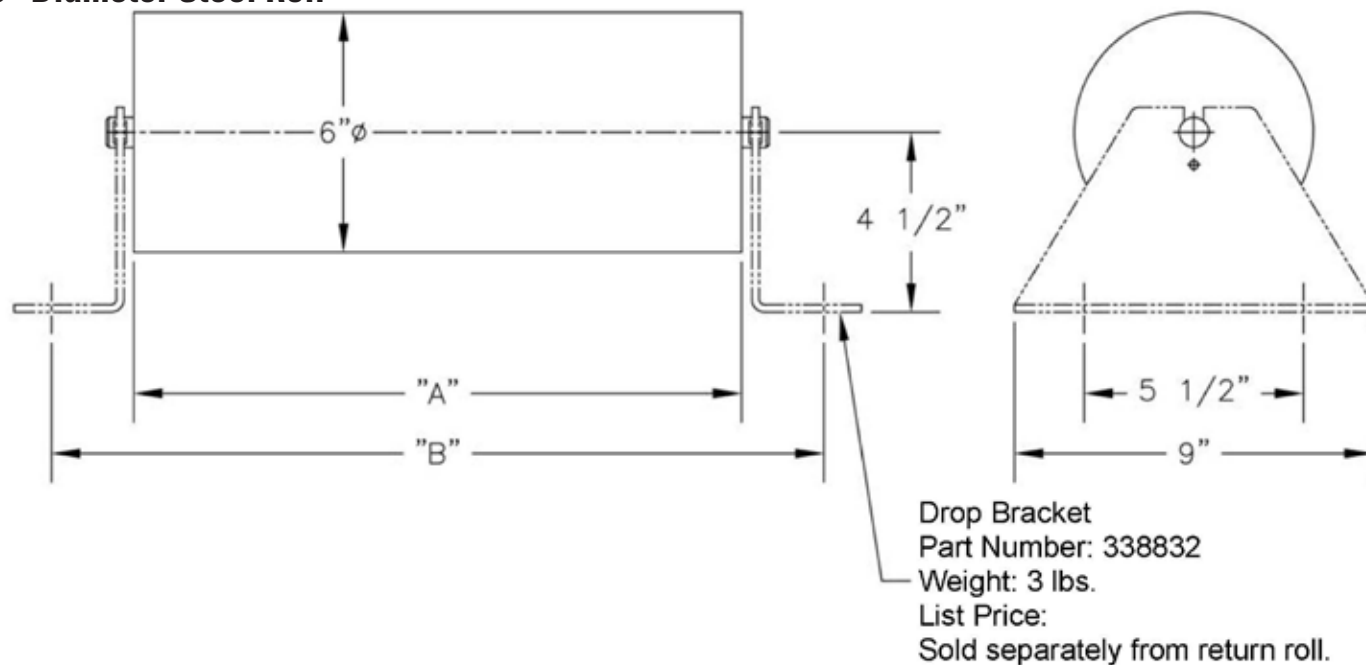
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Flat Belt Idler Assembly

6" Diameter Steel Roll



Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
24"	325374	29	33	38	-
30"	325452	35	39	45	-
36"	325454	41	45	51	-
42"	325485	47	51	57	-
48"	325488	53	57	64	-
54"	325493	59	63	70	-
60"	325498	65	69	76	-

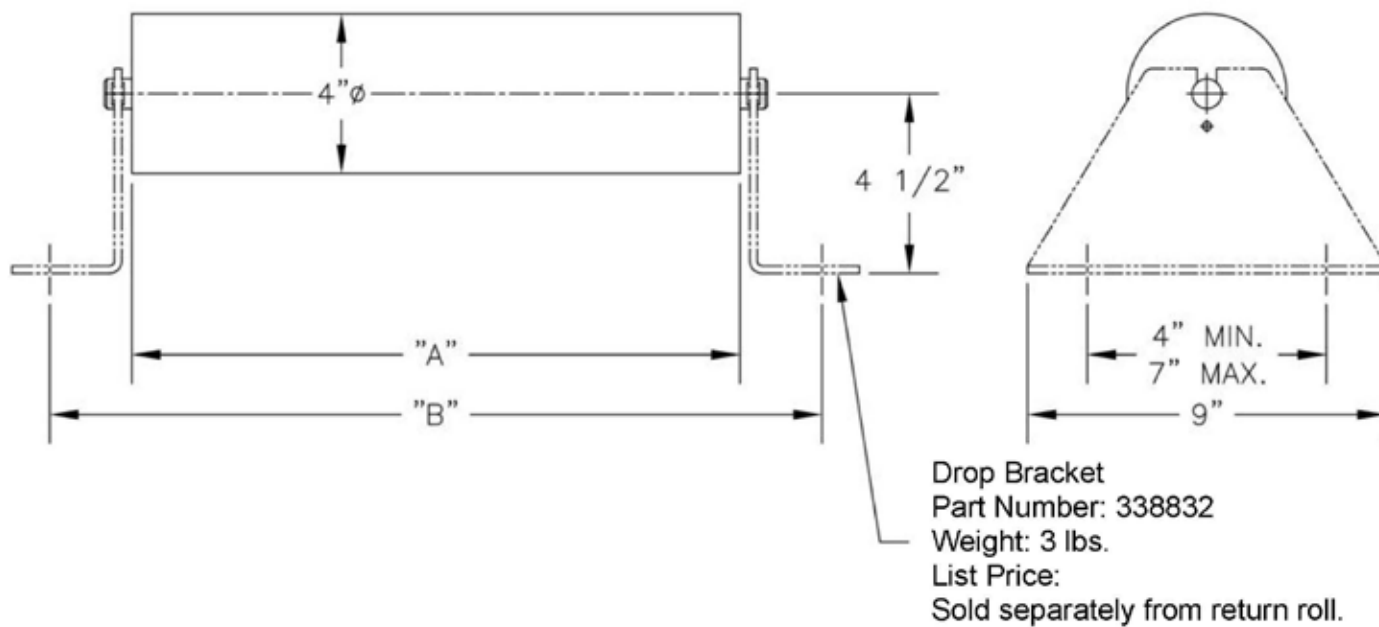
All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Flat Belt Idler Assembly

4" Diameter EXALON Roll



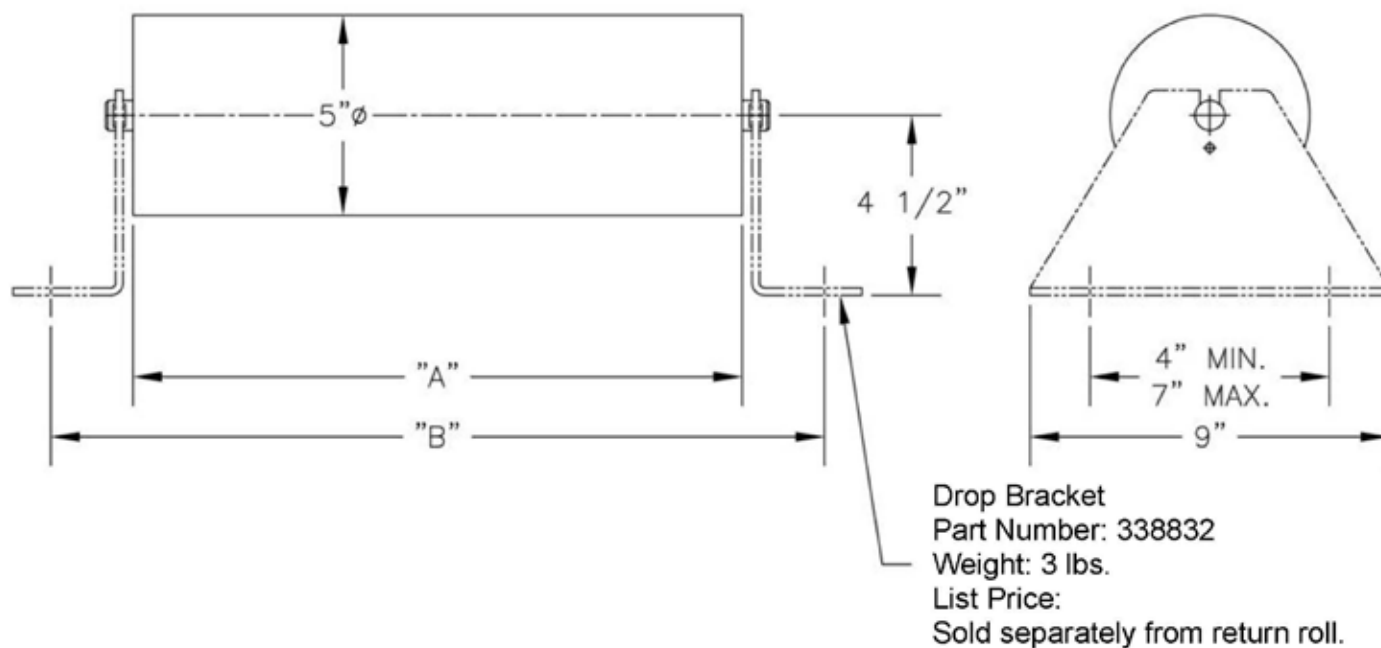
Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
18"	358291	23	27	16	-
24"	333811	29	33	20	-
30"	333815	35	39	23	-
36"	333817	41	45	28	-
42"	333819	47	51	41	-
48"	333821	53	57	46	-
54"	333823	59	63	52	-
60"	333825	65	69	57	-

All dimensions are subject to change without notice. Certified prints are available upon request.
*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Flat Belt Idler Assembly

5" Diameter EXALON Roll



Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
18"	353040	23	27	19	-
24"	332995	29	33	23	-
30"	333017	35	39	27	-
36"	333018	41	45	32	-
42"	333019	47	51	47	-
48"	333020	53	57	52	-
54"	333025	59	63	59	-
60"	333026	65	69	64	-

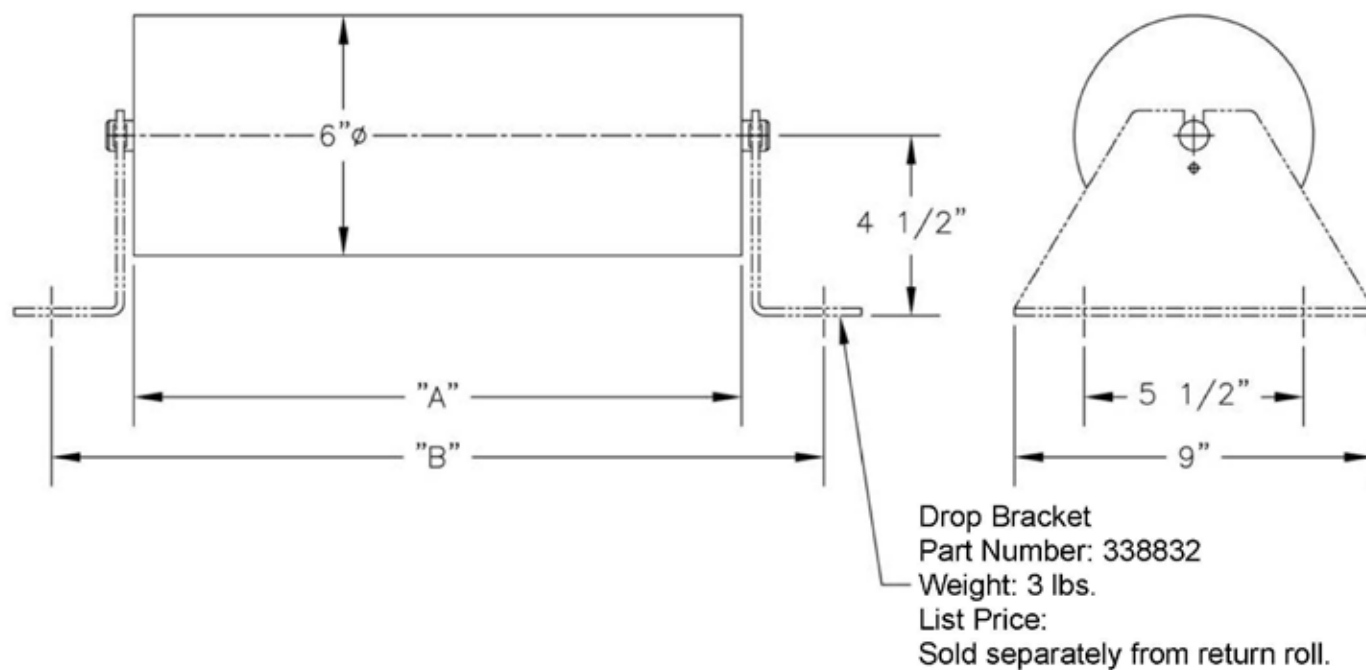
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Flat Belt Idler Assembly

6" Diameter EXALON Roll



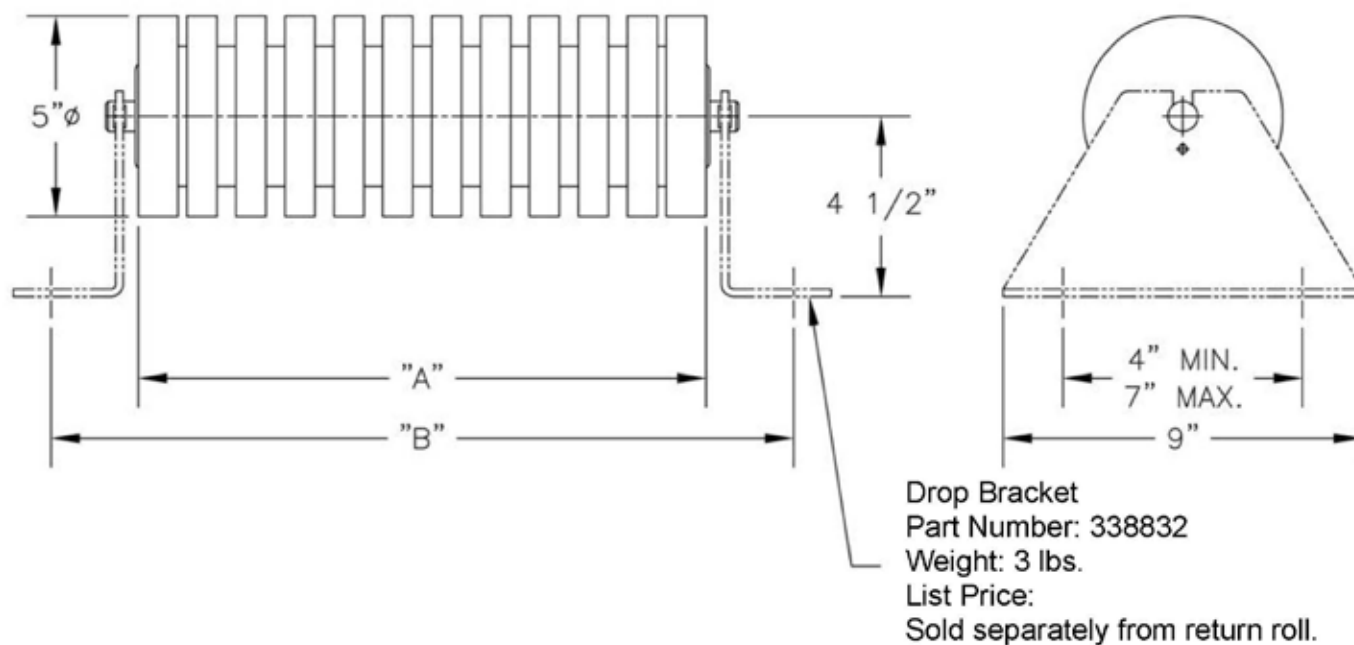
Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
24"	333004	29	33	26	-
30"	333021	35	39	30	-
36"	333022	41	45	37	-
42"	333023	47	51	52	-
48"	333024	53	57	58	-
54"	333033	59	63	65	-
60"	333034	65	69	71	-

*All dimensions are subject to change without notice. Certified prints are available upon request.
Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Flat Belt Idler Assembly

5" Diameter Impact Roll



Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
24"	352535	29	33	-	-
30"	352536	35	39	-	-
36"	352538	41	45	-	-
42"	352539	47	51	-	-
48"	352540	53	57	-	-
54"	352541	59	63	-	-
60"	352542	65	69	-	-

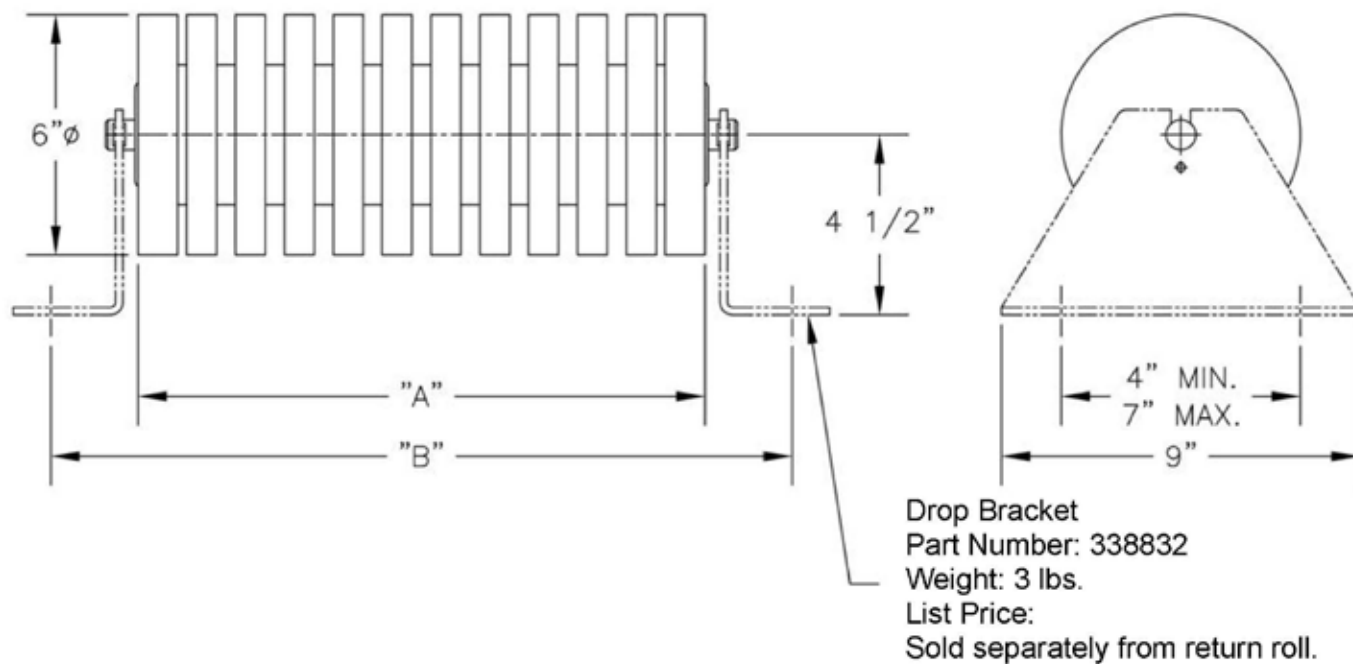
All dimensions are subject to change without notice. Certified prints are available upon request.

**Note: CEMA C replacement roll pricing and dimensional data begins on page 79.*

CEMA C

Flat Belt Idler Assembly

6" Diameter Impact Roll



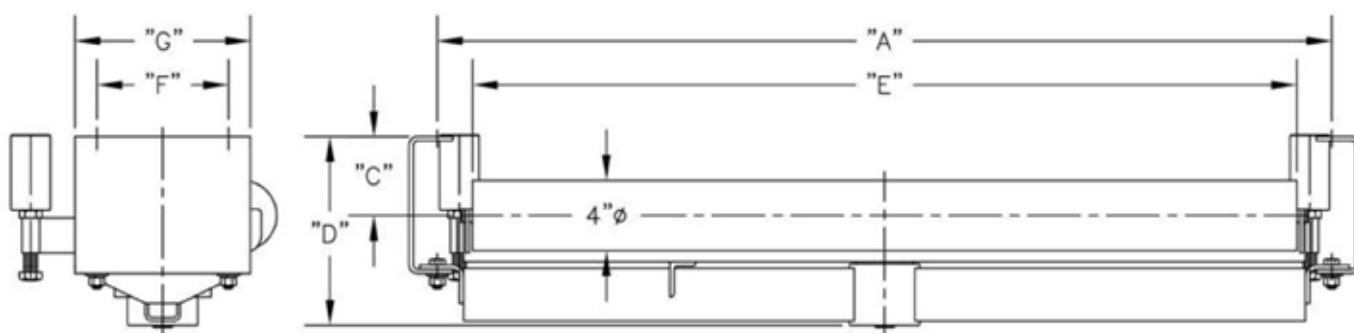
Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
24"	352548	29	33	-	-
30"	352549	35	39	-	-
36"	352550	41	45	-	-
42"	352552	47	51	-	-
48"	352553	53	57	-	-
54"	352555	59	63	-	-
60"	352557	65	69	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.
*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Return Training Idler Assembly

4" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)				Weight (lbs)	List Price
					D	E	F	G		
18"	343144	343850	27	4 1/2	9 3/4	23	5 1/4	7 3/4	60	-
24"	343145	324709	33	4 1/2	9 3/4	29	5 1/4	7 3/4	68	-
30"	343146	324714	39	4 1/2	9 3/4	35	5 1/4	7 3/4	75	-
36"	343147	324717	45	4 1/2	9 3/4	41	5 1/4	7 3/4	82	-
42"	337676	324721	51	4 1/2	10 3/4	47	7 1/2	10	105	-
48"	337677	324727	57	4 1/2	10 3/4	53	7 1/2	10	113	-
54"	337678	324730	63	4 1/2	10 3/4	59	9	11 1/2	124	-
60"	337679	324732	69	4 1/2	10 3/4	65	9	11 1/2	132	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

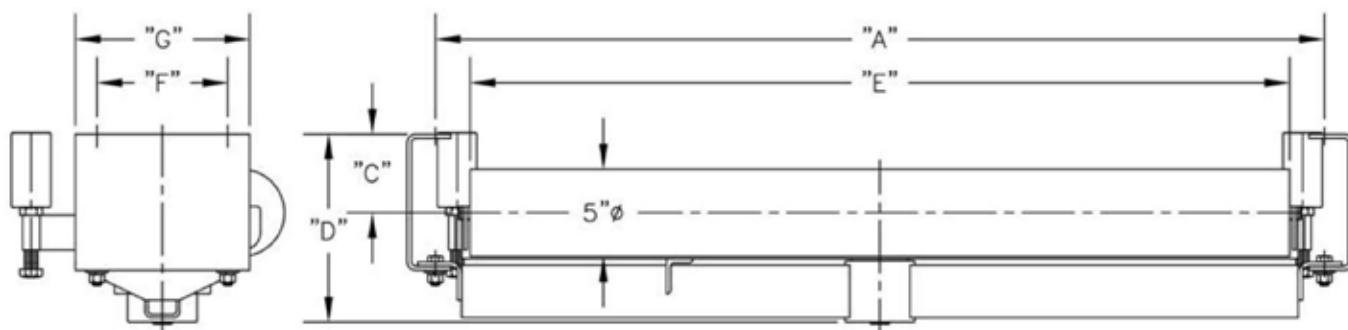
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Return Training Idler Assembly

5" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)				Weight (lbs)	List Price
					D	E	F	G		
18"	343023	339658	27	4 1/2	9 3/4	23	5 1/4	7 3/4	65	-
24"	343024	325345	33	4 1/2	9 3/4	29	5 1/4	7 3/4	73	-
30"	343025	325348	39	4 1/2	9 3/4	35	5 1/4	7 3/4	81	-
36"	343026	325354	45	4 1/2	9 3/4	41	5 1/4	7 3/4	90	-
42"	337602	325356	51	4 1/2	10 3/4	47	7 1/2	10	113	-
48"	337603	325357	57	4 1/2	10 3/4	53	7 1/2	10	122	-
54"	337604	325358	63	4 1/2	10 3/4	59	9	11 1/2	131	-
60"	337605	325359	69	4 1/2	10 3/4	65	9	11 1/2	143	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

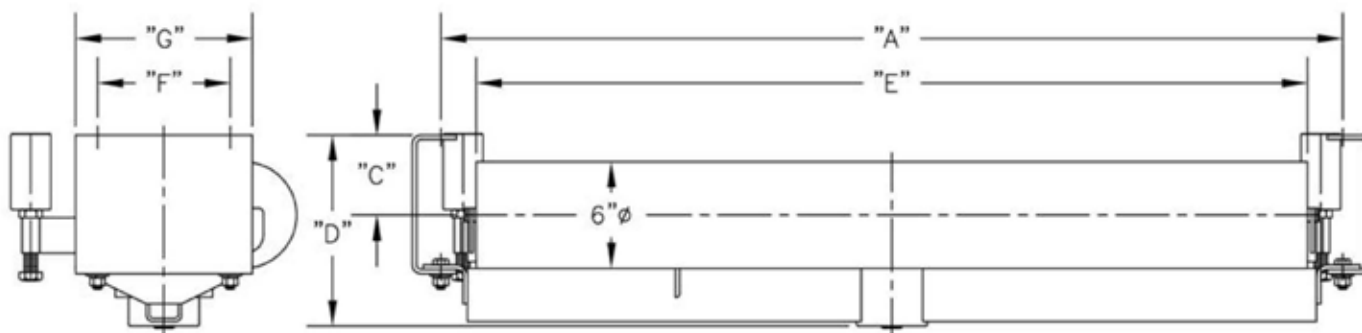
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Return Training Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	F	G		
24"	343237	325374	33	4 1/2	9 3/4	29	5 1/4	7 3/4	78	-
30"	343238	325452	39	4 1/2	9 3/4	35	5 1/4	7 3/4	88	-
36"	343239	325454	45	4 1/2	9 3/4	41	5 1/4	7 3/4	97	-
42"	337538	325485	51	4 1/2	10 3/4	47	7 1/2	10	121	-
48"	337539	325488	57	4 1/2	10 3/4	53	7 1/2	10	132	-
54"	337540	325493	63	4 1/2	10 3/4	59	9	11 1/2	144	-
60"	337541	325498	69	4 1/2	10 3/4	65	9	11 1/2	154	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

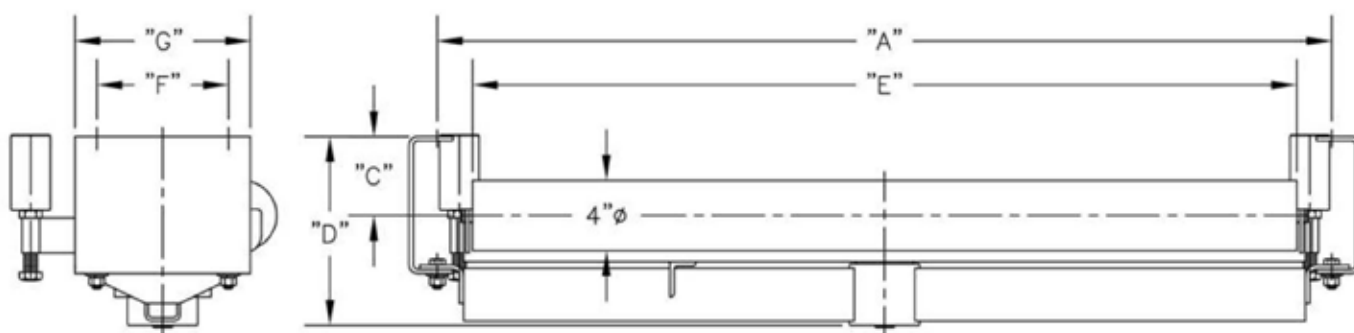
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Return Training Idler Assembly

4" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)				Weight (lbs)	List Price
					D	E	F	G		
18"	602182	358291	27	4 1/2	9 3/4	23	5 1/4	7 3/4	-	-
24"	602183	333811	33	4 1/2	9 3/4	29	5 1/4	7 3/4	-	-
30"	602184	333815	39	4 1/2	9 3/4	35	5 1/4	7 3/4	-	-
36"	602185	333817	45	4 1/2	9 3/4	41	5 1/4	7 3/4	-	-
42"	337694	333819	51	4 1/2	10 3/4	47	7 1/2	10	-	-
48"	337695	333821	57	4 1/2	10 3/4	53	7 1/2	10	-	-
54"	337696	333823	63	4 1/2	10 3/4	59	9	11 1/2	-	-
60"	337697	333825	69	4 1/2	10 3/4	65	9	11 1/2	-	-

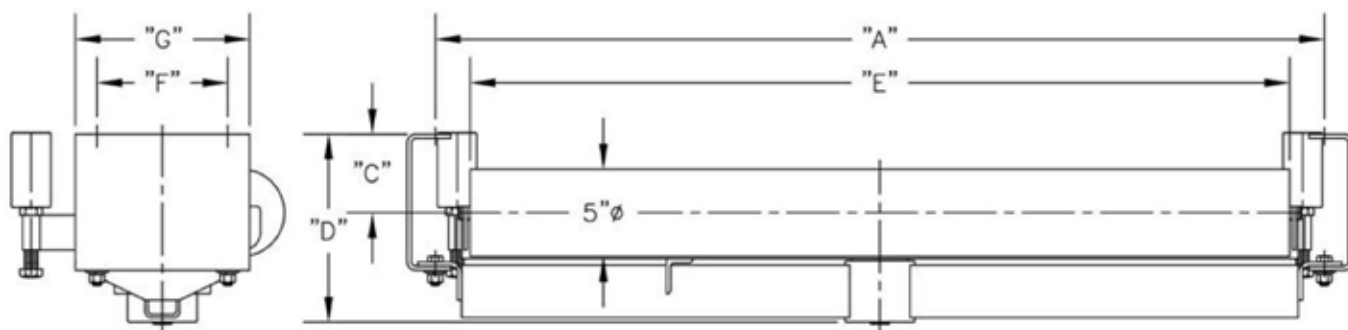
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Return Training Idler Assembly

5" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
			A	C	D	E	F	G			
18"	602186	353040	27	4 1/2	9 3/4	23	5 1/4	7 3/4	-	-	
24"	347186	332995	33	4 1/2	9 3/4	29	5 1/4	7 3/4	-	-	
30"	347187	333017	39	4 1/2	9 3/4	35	5 1/4	7 3/4	-	-	
36"	347188	333018	45	4 1/2	9 3/4	41	5 1/4	7 3/4	-	-	
42"	337630	333019	51	4 1/2	10 3/4	47	7 1/2	10	-	-	
48"	337631	333020	57	4 1/2	10 3/4	53	7 1/2	10	-	-	
54"	337632	333025	63	4 1/2	10 3/4	59	9	11 1/2	-	-	
60"	337633	333026	69	4 1/2	10 3/4	65	9	11 1/2	-	-	

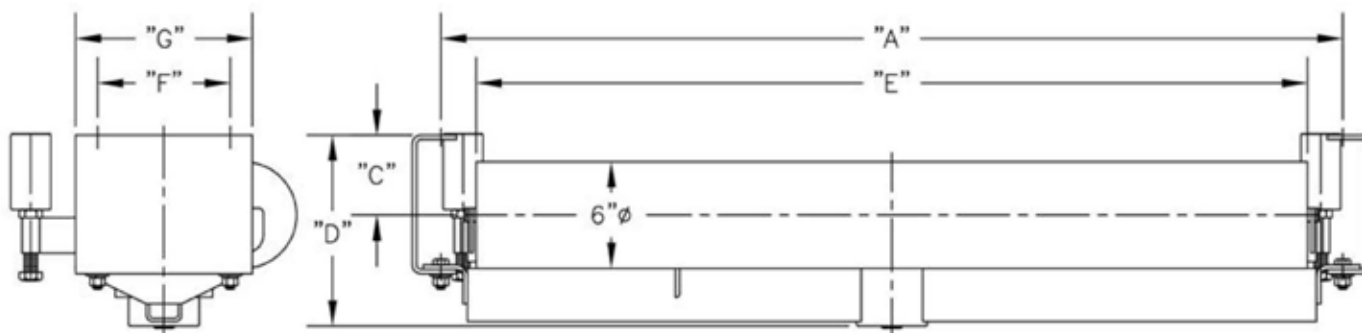
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Return Training Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)				Weight (lbs)	List Price
					D	E	F	G		
24"	348000	333004	33	4 1/2	9 3/4	29	5 1/4	7 3/4	-	-
30"	348001	333021	39	4 1/2	9 3/4	35	5 1/4	7 3/4	-	-
36"	348002	333022	45	4 1/2	9 3/4	41	5 1/4	7 3/4	-	-
42"	337583	333023	51	4 1/2	10 3/4	47	7 1/2	10	-	-
48"	337584	333024	57	4 1/2	10 3/4	53	7 1/2	10	-	-
54"	337585	333033	63	4 1/2	10 3/4	59	9	11 1/2	-	-
60"	337586	333034	69	4 1/2	10 3/4	65	9	11 1/2	-	-

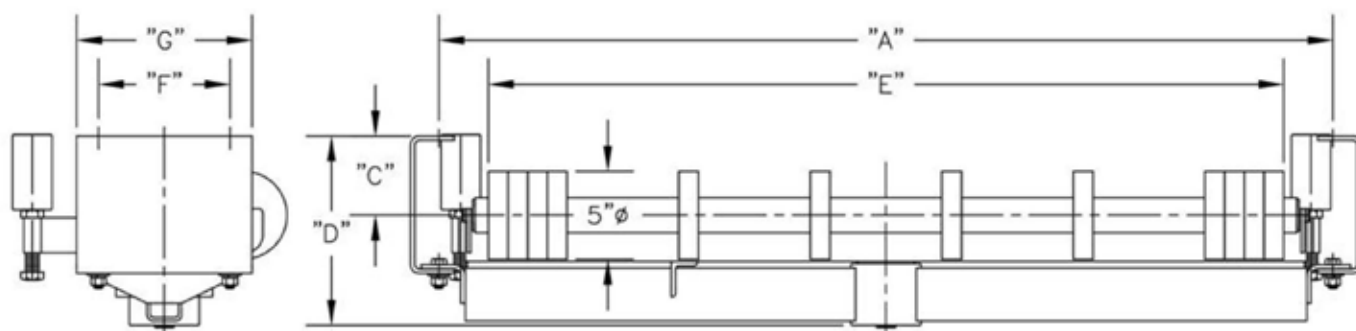
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Return Training Idler Assembly

5" Diameter Rubber Disc Roll



*Number of discs in picture are for representation purposes only.
All inner discs are evenly spaced and quantities vary between belt widths.*

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	F	G		
24"	348007	343259	33	4 1/2	9 3/4	27 3/8	5 1/4	7 3/4	-	-
30"	348008	343262	39	4 1/2	9 3/4	33 3/8	5 1/4	7 3/4	-	-
36"	348009	343263	45	4 1/2	9 3/4	39 3/8	5 1/4	7 3/4	-	-
42"	348065	343264	51	4 1/2	10 3/4	45 3/8	7 1/2	10	-	-
48"	348066	343265	57	4 1/2	10 3/4	51 3/8	7 1/2	10	-	-
54"	348067	343266	63	4 1/2	10 3/4	57 3/8	9	11 1/2	-	-
60"	348068	343267	69	4 1/2	10 3/4	63 3/8	9	11 1/2	-	-

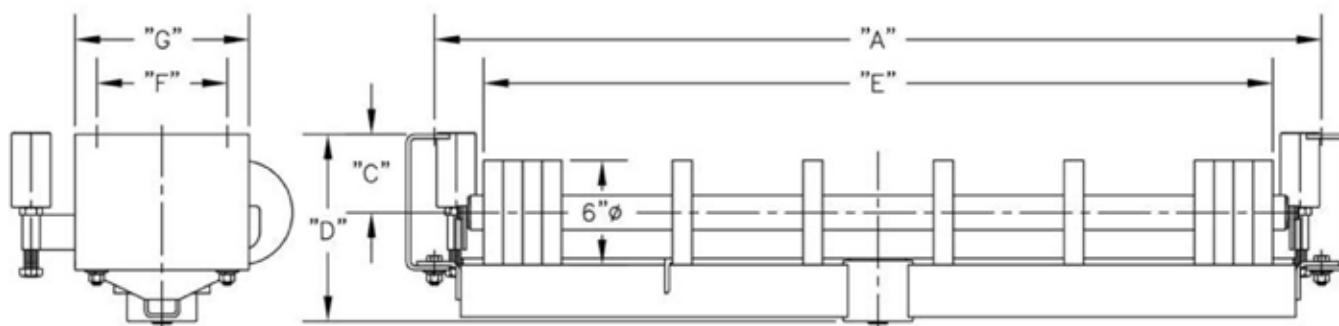
All dimensions are subject to change without notice. Certified prints are available upon request.

**Note: CEMA C replacement roll pricing and dimensional data begins on page 79.*

CEMA C

Return Training Idler Assembly

6" Diameter Rubber Disc Roll



*Number of discs in picture are for representation purposes only.
All inner discs are evenly spaced and quantities vary between belt widths.*

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	F	G		
24"	348084	344701	33	4 1/2	9 3/4	27 3/8	5 1/4	7 3/4	-	-
30"	348085	344702	39	4 1/2	9 3/4	33 3/8	5 1/4	7 3/4	-	-
36"	348086	344703	45	4 1/2	9 3/4	39 3/8	5 1/4	7 3/4	-	-
42"	348076	344704	51	4 1/2	10 3/4	45 3/8	7 1/2	10	-	-
48"	348077	344618	57	4 1/2	10 3/4	51 3/8	7 1/2	10	-	-
54"	348078	344705	63	4 1/2	10 3/4	57 3/8	9	11 1/2	-	-
60"	348079	344706	69	4 1/2	10 3/4	63 3/8	9	11 1/2	-	-

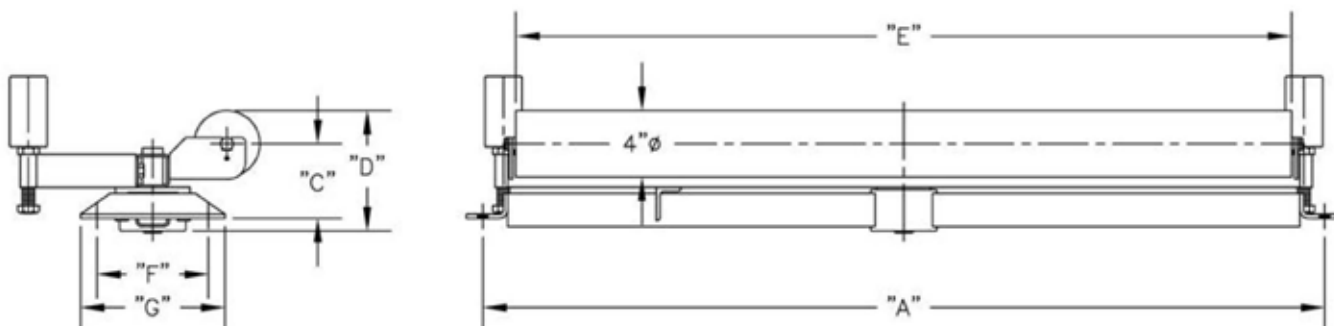
All dimensions are subject to change without notice. Certified prints are available upon request.

**Note: CEMA C replacement roll pricing and dimensional data begins on page 79.*

CEMA C

Return Training Idler Assembly

4" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)				Weight (lbs)	List Price
					D	E	F	G		
18"	602187	343850	27	4 1/2	7 1/4	23	5 1/4	7 3/4	-	-
24"	602188	324709	33	4 1/2	7 1/4	29	5 1/4	7 3/4	-	-
30"	602189	324714	39	4 1/2	7 1/4	35	5 1/4	7 3/4	-	-
36"	602190	324717	45	4 1/2	7 1/4	41	5 1/4	7 3/4	-	-
42"	602191	324721	51	4 1/2	7 1/4	47	5 1/4	7 3/4	-	-
48"	602192	324727	57	4 1/2	7 1/4	53	5 1/4	7 3/4	-	-
54"	602193	324730	63	4 1/2	7 1/4	59	5 1/4	7 3/4	-	-
60"	602194	324732	69	4 1/2	7 1/4	65	5 1/4	7 3/4	-	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

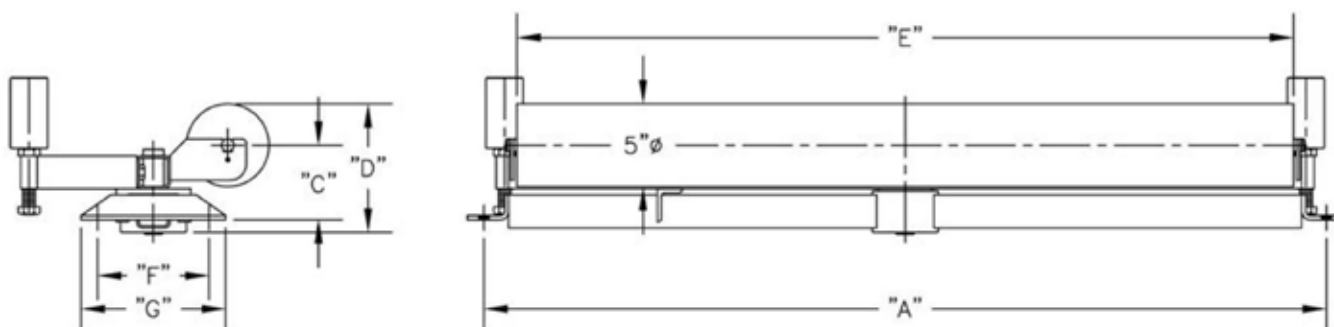
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Flat Belt Training Idler Assembly

5" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
A	C	D	E	F	G					
18"	602195	339658	27	4 1/2	7 3/4	23	5 1/4	7 3/4	-	-
24"	602196	325345	33	4 1/2	7 3/4	29	5 1/4	7 3/4	-	-
30"	602197	325348	39	4 1/2	7 3/4	35	5 1/4	7 3/4	-	-
36"	602198	325354	45	4 1/2	7 3/4	41	5 1/4	7 3/4	-	-
42"	602199	325356	51	4 1/2	7 3/4	47	5 1/4	7 3/4	-	-
48"	602200	325357	57	4 1/2	7 3/4	53	5 1/4	7 3/4	-	-
54"	602201	325358	63	4 1/2	7 3/4	59	5 1/4	7 3/4	-	-
60"	602202	325359	69	4 1/2	7 3/4	65	5 1/4	7 3/4	-	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

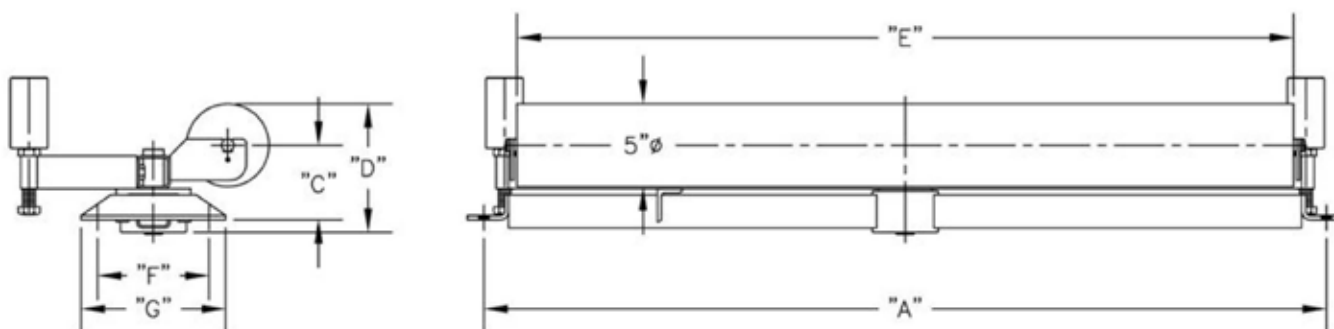
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Return Training Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)				Weight (lbs)	List Price
D					D	E	F	G		
24"	602203	325374	33	4 1/2	8 1/4	29	5 1/4	7 3/4	-	-
30"	602204	325452	39	4 1/2	8 1/4	35	5 1/4	7 3/4	-	-
36"	602205	325454	45	4 1/2	8 1/4	41	5 1/4	7 3/4	-	-
42"	602206	325485	51	4 1/2	8 1/4	47	5 1/4	7 3/4	-	-
48"	602207	325488	57	4 1/2	8 1/4	53	5 1/4	7 3/4	-	-
54"	602208	325493	63	4 1/2	8 1/4	59	5 1/4	7 3/4	-	-
60"	602209	325498	69	4 1/2	8 1/4	65	5 1/4	7 3/4	-	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

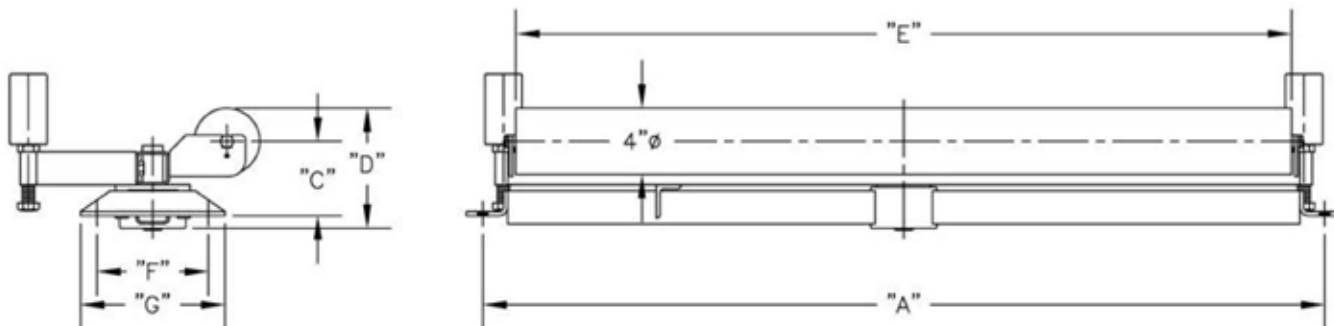
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Flat Belt Training Idler Assembly

4" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)				Weight (lbs)	List Price
					D	E	F	G		
18"	602211	358291	27	4 1/2	7 1/4	23	5 1/4	7 3/4	-	-
24"	602212	333811	33	4 1/2	7 1/4	29	5 1/4	7 3/4	-	-
30"	602213	333815	39	4 1/2	7 1/4	35	5 1/4	7 3/4	-	-
36"	602214	333817	45	4 1/2	7 1/4	41	5 1/4	7 3/4	-	-
42"	602215	333819	51	4 1/2	7 1/4	47	5 1/4	7 3/4	-	-
48"	602216	333821	57	4 1/2	7 1/4	53	5 1/4	7 3/4	-	-
54"	602217	333823	63	4 1/2	7 1/4	59	5 1/4	7 3/4	-	-
60"	602218	333825	69	4 1/2	7 1/4	65	5 1/4	7 3/4	-	-

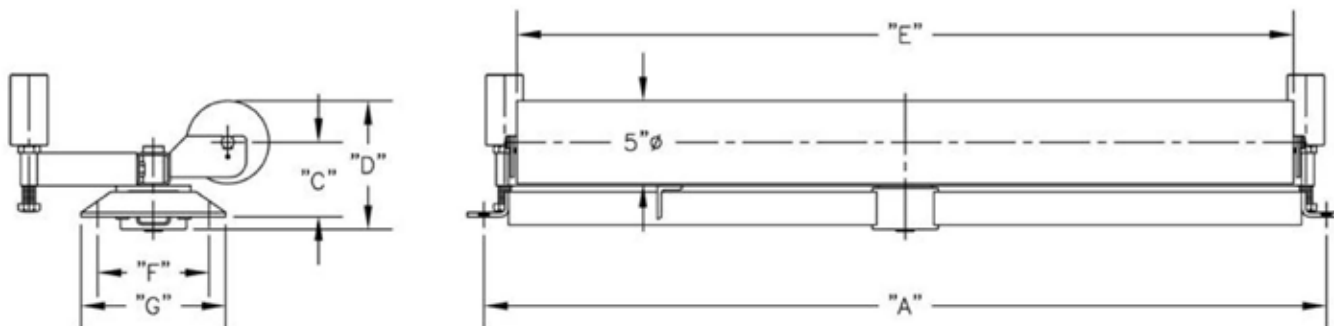
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Flat Belt Training Idler Assembly

5" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)				Weight (lbs)	List Price
					D	E	F	G		
18"	396771	353040	27	4 1/2	7 3/4	23	5 1/4	7 3/4	-	-
24"	396772	332995	33	4 1/2	7 3/4	29	5 1/4	7 3/4	-	-
30"	396773	333017	39	4 1/2	7 3/4	35	5 1/4	7 3/4	-	-
36"	396774	333018	45	4 1/2	7 3/4	41	5 1/4	7 3/4	-	-
42"	602219	333019	51	4 1/2	7 3/4	47	5 1/4	7 3/4	-	-
48"	602220	333020	57	4 1/2	7 3/4	53	5 1/4	7 3/4	-	-
54"	602221	333025	63	4 1/2	7 3/4	59	5 1/4	7 3/4	-	-
60"	602222	333026	69	4 1/2	7 3/4	65	5 1/4	7 3/4	-	-

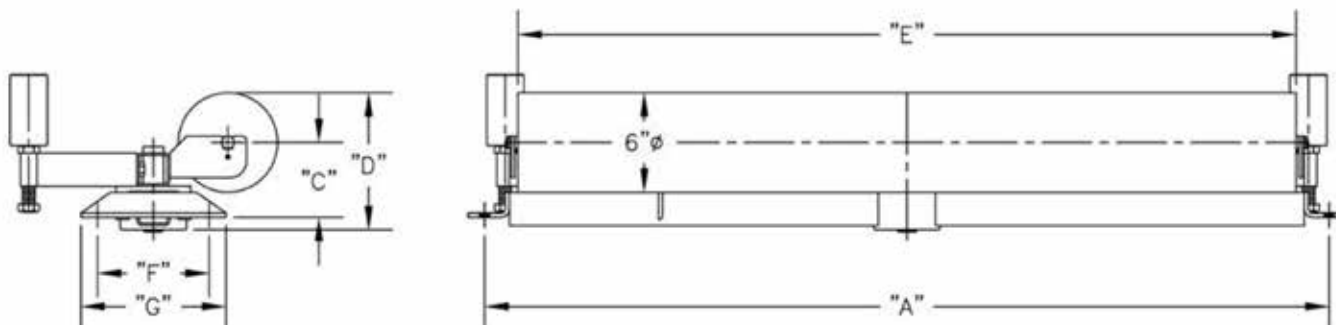
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Flat Belt Training Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)				G	Weight (lbs)	List Price
D					D	E	F				
24"	602223	333004	33	4 1/2	8 1/4	29	5 1/4	7 3/4	-	-	-
30"	602224	333021	39	4 1/2	8 1/4	35	5 1/4	7 3/4	-	-	-
36"	602225	333022	45	4 1/2	8 1/4	41	5 1/4	7 3/4	-	-	-
42"	602226	333023	51	4 1/2	8 1/4	47	5 1/4	7 3/4	-	-	-
48"	602227	333024	57	4 1/2	8 1/4	53	5 1/4	7 3/4	-	-	-
54"	602228	333033	63	4 1/2	8 1/4	59	5 1/4	7 3/4	-	-	-
60"	602229	333034	69	4 1/2	8 1/4	65	5 1/4	7 3/4	-	-	-

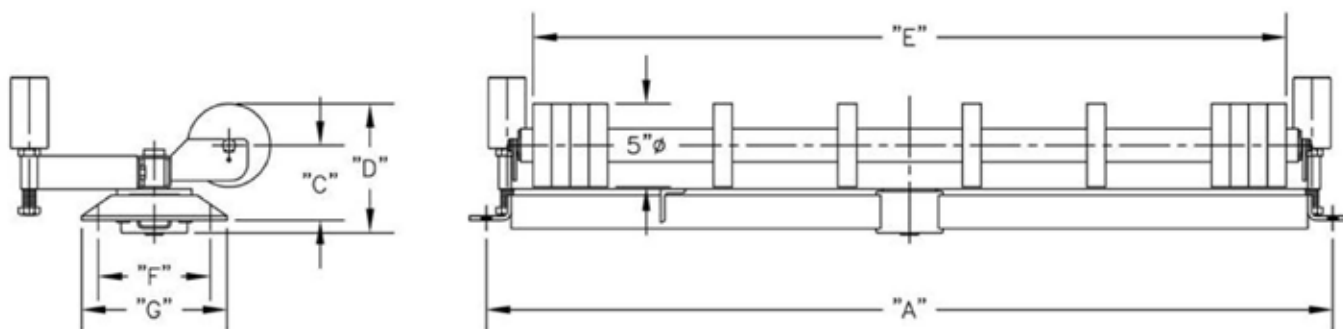
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Flat Belt Training Idler Assembly

5" Diameter Rubber Disc Roll



Number of discs in picture are for representation purposes only.
All inner discs are evenly spaced and quantities vary between belt widths.

Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	Weight (lbs)	List Price
					D	E				
24"	602230	343259	33	4 1/2	7 3/4	27 3/8	5 1/4	7 3/4	-	-
30"	602231	343262	39	4 1/2	7 3/4	33 3/8	5 1/4	7 3/4	-	-
36"	602232	343263	45	4 1/2	7 3/4	39 3/8	5 1/4	7 3/4	-	-
42"	602233	343264	51	4 1/2	7 3/4	45 3/8	5 1/4	7 3/4	-	-
48"	602234	343265	57	4 1/2	7 3/4	51 3/8	5 1/4	7 3/4	-	-
54"	602235	343266	63	4 1/2	7 3/4	57 3/8	5 1/4	7 3/4	-	-
60"	602236	343267	69	4 1/2	7 3/4	63 3/8	5 1/4	7 3/4	-	-

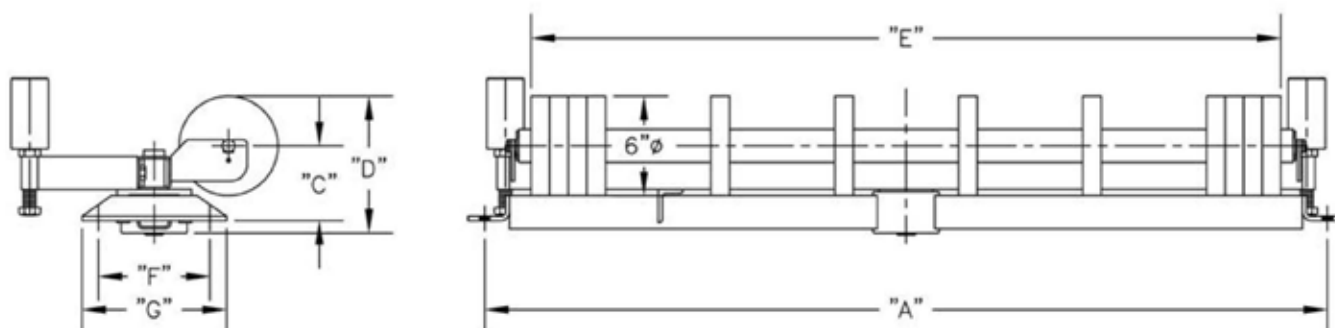
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Flat Belt Training Idler Assembly

6" Diameter Rubber Disc Roll



Number of discs in picture are for representation purposes only.
All inner discs are evenly spaced and quantities vary between belt widths.

Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		D	E	F	G	Weight (lbs)	List Price
24"	602237	344701	33	4 1/2	8 1/4	27 3/8	5 1/4	7 3/4	-	-	-	-
30"	602238	344702	39	4 1/2	8 1/4	33 3/8	5 1/4	7 3/4	-	-	-	-
36"	602239	344703	45	4 1/2	8 1/4	39 3/8	5 1/4	7 3/4	-	-	-	-
42"	602240	344704	51	4 1/2	8 1/4	45 3/8	5 1/4	7 3/4	-	-	-	-
48"	602241	344618	57	4 1/2	8 1/4	51 3/8	5 1/4	7 3/4	-	-	-	-
54"	602242	344705	63	4 1/2	8 1/4	57 3/8	5 1/4	7 3/4	-	-	-	-
60"	602243	344706	69	4 1/2	8 1/4	63 3/8	5 1/4	7 3/4	-	-	-	-

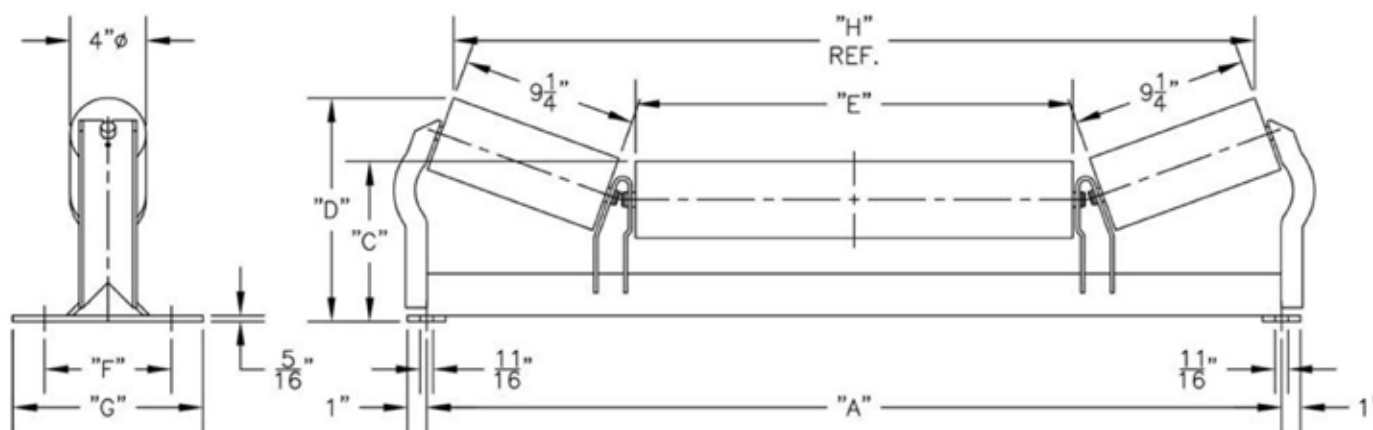
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 20°

In-line Picking Idler Assembly

4" Diameter Steel Roll



Wing roll: Part number 323373. Weight *****. List price ****.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
30"	602244	324662	39	8	11 3/16	17 1/4	6	8 1/2	36 3/4	-	-
36"	602245	343850	45	8 3/8	11 3/4	23	6	8 1/2	42 1/2	-	-
42"	602246	324709	51	8 3/8	11 3/4	29	7 1/2	10	48 1/2	-	-
48"	602247	324714	57	8 3/8	11 3/4	35	7 1/2	10	54 1/2	-	-
54"	602248	324717	63	8 3/4	12 1/8	41	9	11 1/2	60 1/2	-	-
60"	602249	324721	69	8 3/4	12 1/8	47	9	11 1/2	66 1/2	-	-
72"	602250	324730	81	9 1/16	12 1/2	59	9	11 1/2	78 1/2	-	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

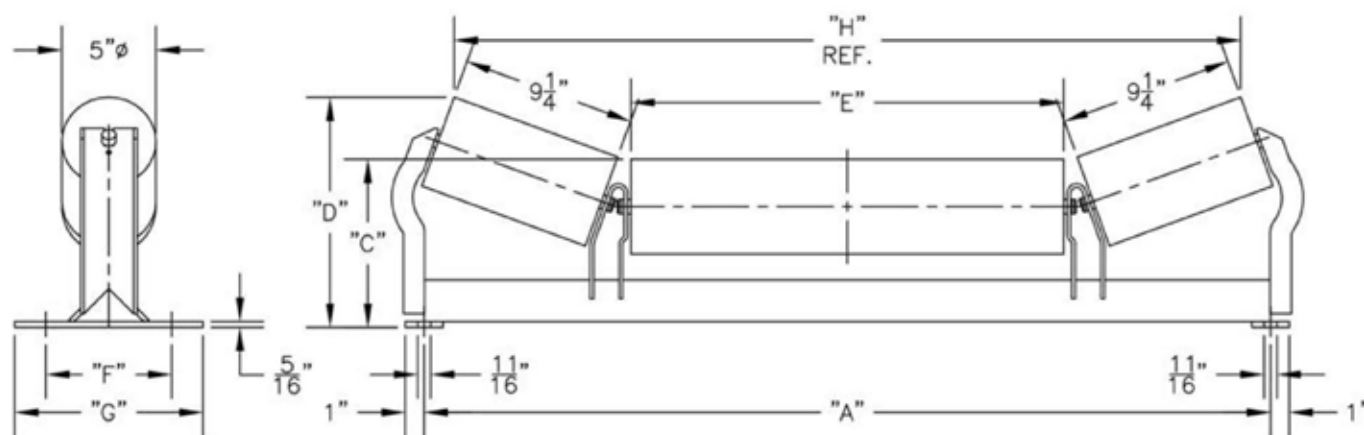
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 20°

In-line Picking Idler Assembly

5" Diameter Steel Roll



Wing roll: Part number 325355. Weight *****. List price ****.

Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		D	E	F	G	H	Weight (lbs)	List Price
30"	353774	325342	39	8 1/2	11 11/16	17 1/4	6	8 1/2	36 1/8	-	-	-	-
36"	353775	339658	45	8 7/8	12 1/4	23	6	8 1/2	41 13/16	-	-	-	-
42"	340310	325346	51	8 7/8	12 1/4	29	7 1/2	10	47 13/16	-	-	-	-
48"	340311	325348	57	8 7/8	12 1/4	35	7 1/2	10	53 13/16	-	-	-	-
54"	340312	325354	63	9 1/4	12 5/8	41	9	11 1/2	59 13/16	-	-	-	-
60"	340313	325356	69	9 1/4	12 5/8	47	9	11 1/2	65 13/16	-	-	-	-
72"	340314	325357	81	9 9/16	13	59	9	11 1/2	77 13/16	-	-	-	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

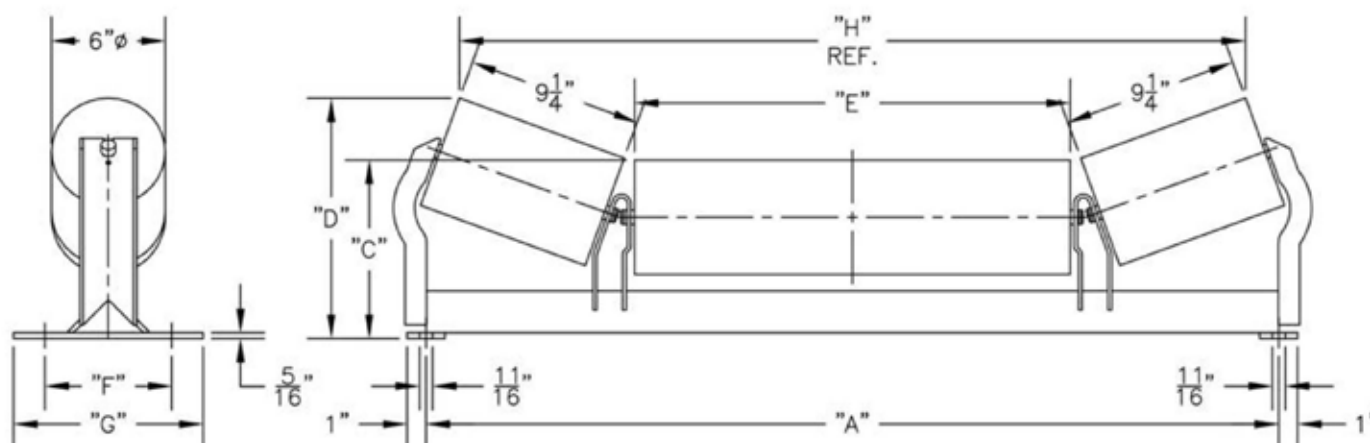
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C 20°

In-line Picking Idler Assembly

6" Diameter Steel Roll



Wing roll: Part number 325365. Weight *****. List price ****.

Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		D	E	F	G	H	Weight (lbs)	List Price
30"	346764	325369	39	9	12 3/16	17 1/4	6	8 1/2	35 3/4	-	-	-	-
36"	346767	344528	45	9 3/8	12 3/4	23	6	8 1/2	41 1/2	-	-	-	-
42"	335326	325376	51	9 3/8	12 3/4	29	7 1/2	10	47 1/2	-	-	-	-
48"	335327	325452	57	9 3/8	12 3/4	35	7 1/2	10	53 1/2	-	-	-	-
54"	335328	325454	63	9 3/4	13 1/8	41	9	11 1/2	59 1/2	-	-	-	-
60"	335329	325485	69	9 3/4	13 1/8	47	9	11 1/2	65 1/2	-	-	-	-
72"	335330	325488	81	10 1/16	13 1/2	59	9	11 1/2	77 1/2	-	-	-	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

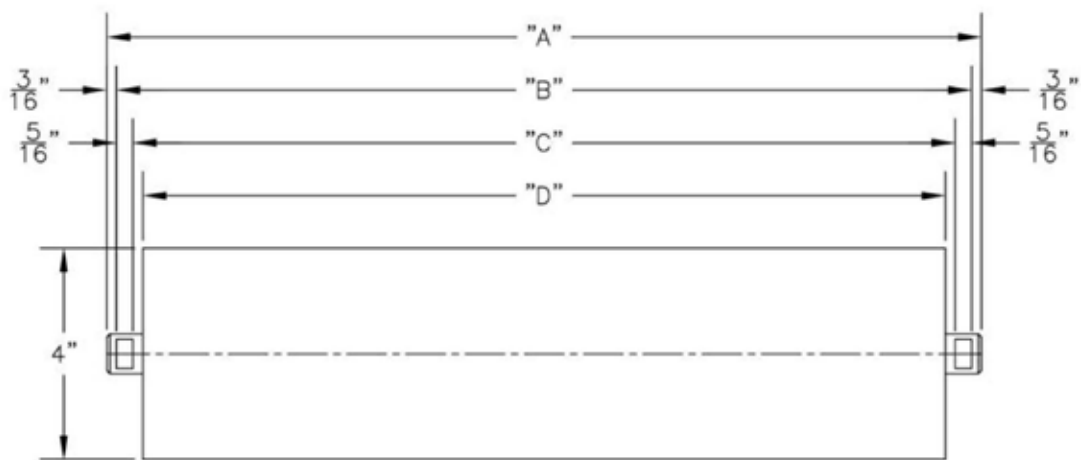
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 79.

CEMA C

Replacement Carrying Rolls

4" Diameter Steel Roll



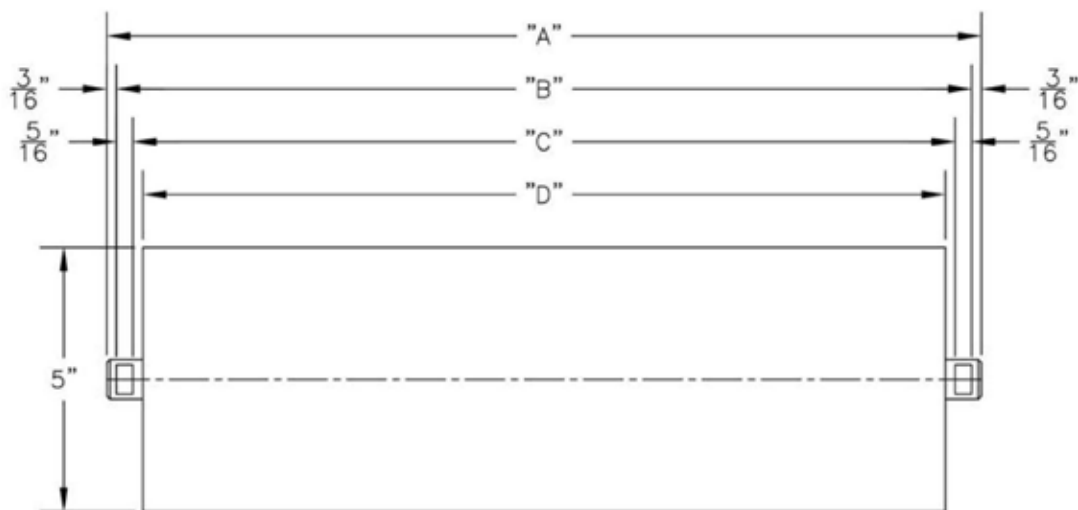
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
18"	324641	8 5/8	8 1/4	7 5/8	7 1/4	7	-
24"	323373	10 5/8	10 1/4	9 5/8	9 1/4	9	-
30"	324652	12 5/8	12 1/4	11 5/8	11 1/4	11	-
36"	324653	14 5/8	14 1/4	13 5/8	13 1/4	12	-
42"	324658	16 5/8	16 1/4	15 5/8	15 1/4	13	-
48"	324662	18 5/8	18 1/4	17 5/8	17 1/4	15	-
54"	324669	20 5/8	20 1/4	19 5/8	19 1/4	16	-
60"	324705	22 5/8	22 1/4	21 5/8	21 1/4	18	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Carrying Rolls

5" Diameter Steel Roll



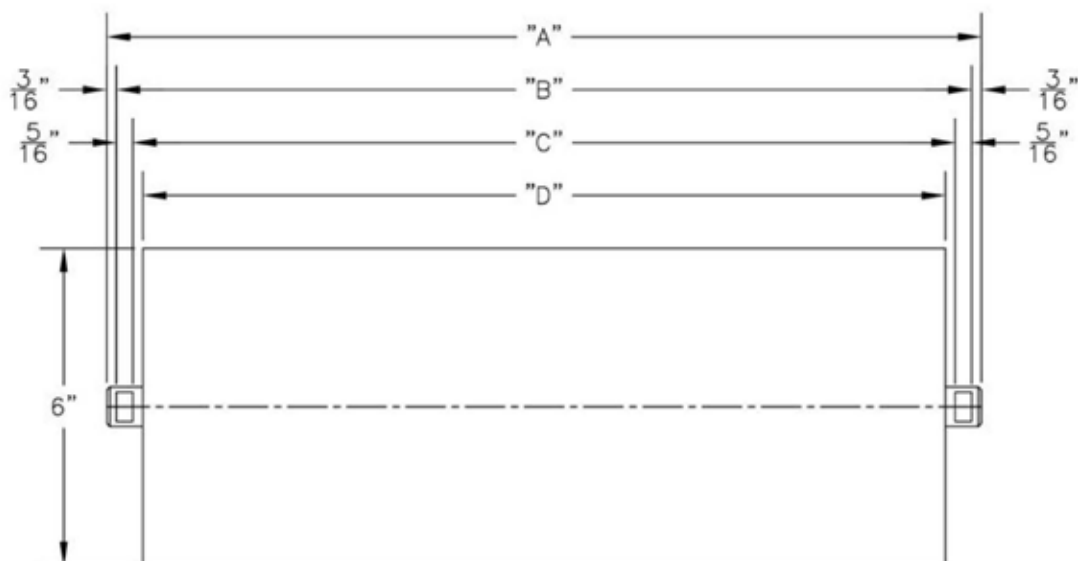
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
18"	325333	8 5/8	8 1/4	7 5/8	7 1/4	9	-
24"	325335	10 5/8	10 1/4	9 5/8	9 1/4	11	-
30"	325338	12 5/8	12 1/4	11 5/8	11 1/4	13	-
36"	325339	14 5/8	14 1/4	13 5/8	13 1/4	15	-
42"	325341	16 5/8	16 1/4	15 5/8	15 1/4	17	-
48"	325342	18 5/8	18 1/4	17 5/8	17 1/4	18	-
54"	325343	20 5/8	20 1/4	19 5/8	19 1/4	20	-
60"	325344	22 5/8	22 1/4	21 5/8	21 1/4	22	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Carrying Rolls

6" Diameter Steel Roll



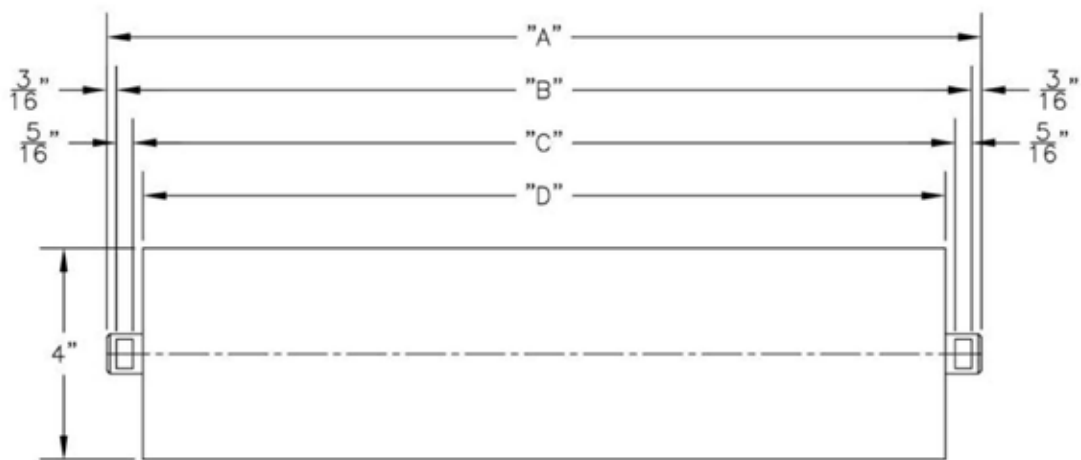
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
24"	325365	10 5/8	10 1/4	9 5/8	9 1/4	14	-
30"	325366	12 5/8	12 1/4	11 5/8	11 1/4	16	-
36"	325367	14 5/8	14 1/4	13 5/8	13 1/4	18	-
42"	325368	16 5/8	16 1/4	15 5/8	15 1/4	20	-
48"	325369	18 5/8	18 1/4	17 5/8	17 1/4	22	-
54"	325370	20 5/8	20 1/4	19 5/8	19 1/4	24	-
60"	325372	22 5/8	22 1/4	21 5/8	21 1/4	26	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Carrying Rolls

4" Diameter EXALON Roll



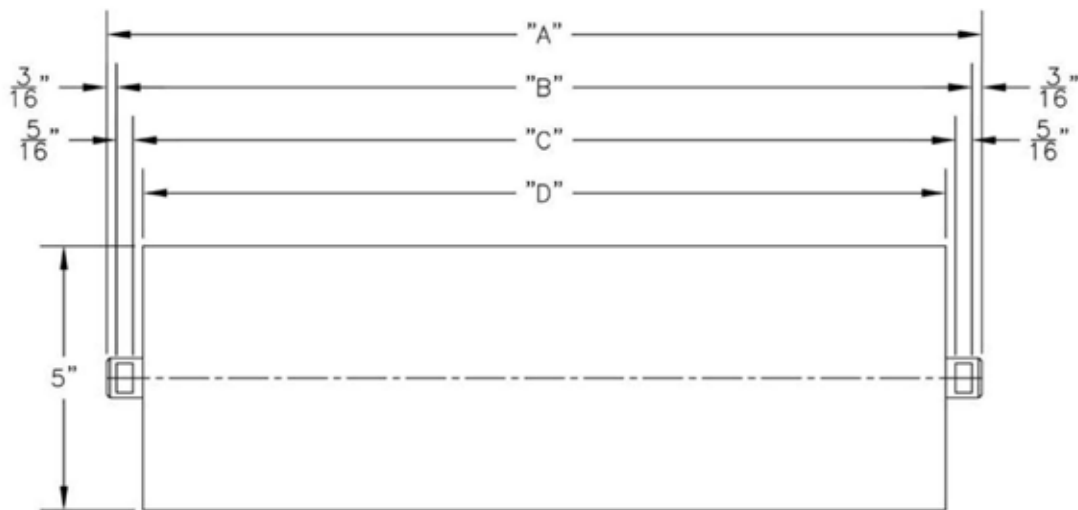
Belt Width	Part Number	A	Dimensions (inches)		D	Weight (lbs)	List Price
			B	C			
18"	333810	8 5/8	8 1/4	7 5/8	7 1/4	8	-
24"	333814	10 5/8	10 1/4	9 5/8	9 1/4	10	-
30"	333816	12 5/8	12 1/4	11 5/8	11 1/4	11	-
36"	333818	14 5/8	14 1/4	13 5/8	13 1/4	13	-
42"	333820	16 5/8	16 1/4	15 5/8	15 1/4	14	-
48"	333822	18 5/8	18 1/4	17 5/8	17 1/4	16	-
54"	333824	20 5/8	20 1/4	19 5/8	19 1/4	17	-
60"	333826	22 5/8	22 1/4	21 5/8	21 1/4	19	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Carrying Rolls

5" Diameter EXALON Roll



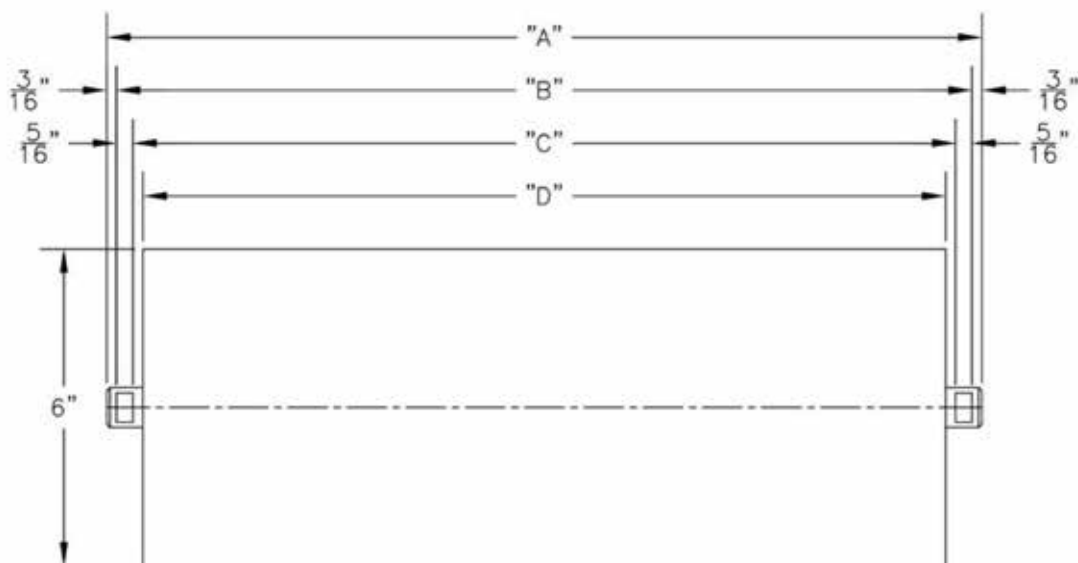
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
18"	332985	8 5/8	8 1/4	7 5/8	7 1/4	9	-
24"	332987	10 5/8	10 1/4	9 5/8	9 1/4	10	-
30"	332988	12 5/8	12 1/4	11 5/8	11 1/4	12	-
36"	332989	14 5/8	14 1/4	13 5/8	13 1/4	14	-
42"	332990	16 5/8	16 1/4	15 5/8	15 1/4	16	-
48"	332991	18 5/8	18 1/4	17 5/8	17 1/4	18	-
54"	332992	20 5/8	20 1/4	19 5/8	19 1/4	20	-
60"	332993	22 5/8	22 1/4	21 5/8	21 1/4	22	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Carrying Rolls

6" Diameter EXALON Roll



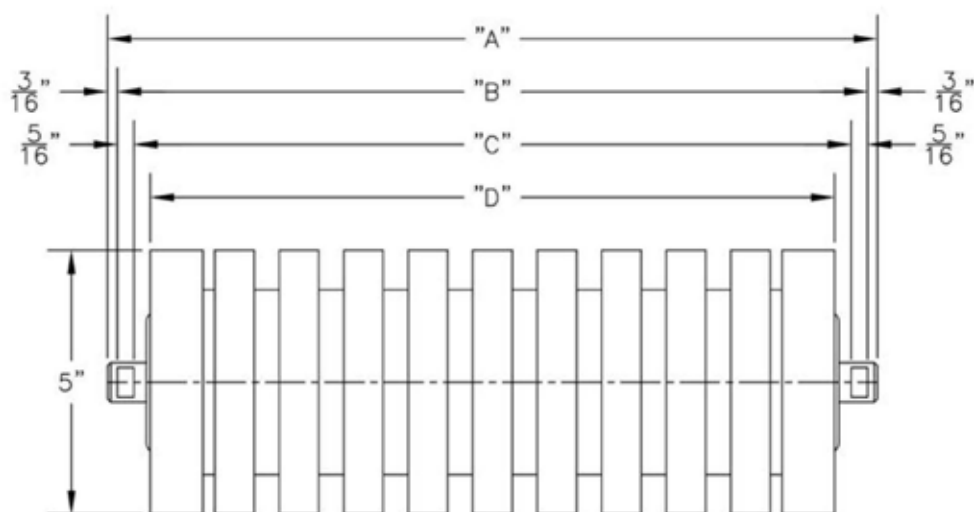
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
18"	332973	8 5/8	8 1/4	7 5/8	7 1/4	10	-
24"	332977	10 5/8	10 1/4	9 5/8	9 1/4	12	-
30"	332978	12 5/8	12 1/4	11 5/8	11 1/4	14	-
36"	332979	14 5/8	14 1/4	13 5/8	13 1/4	16	-
42"	332980	16 5/8	16 1/4	15 5/8	15 1/4	18	-
48"	332981	18 5/8	18 1/4	17 5/8	17 1/4	20	-
54"	332982	20 5/8	20 1/4	19 5/8	19 1/4	22	-
60"	332983	22 5/8	22 1/4	21 5/8	21 1/4	24	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Carrying Rolls

5" Diameter Impact Roll



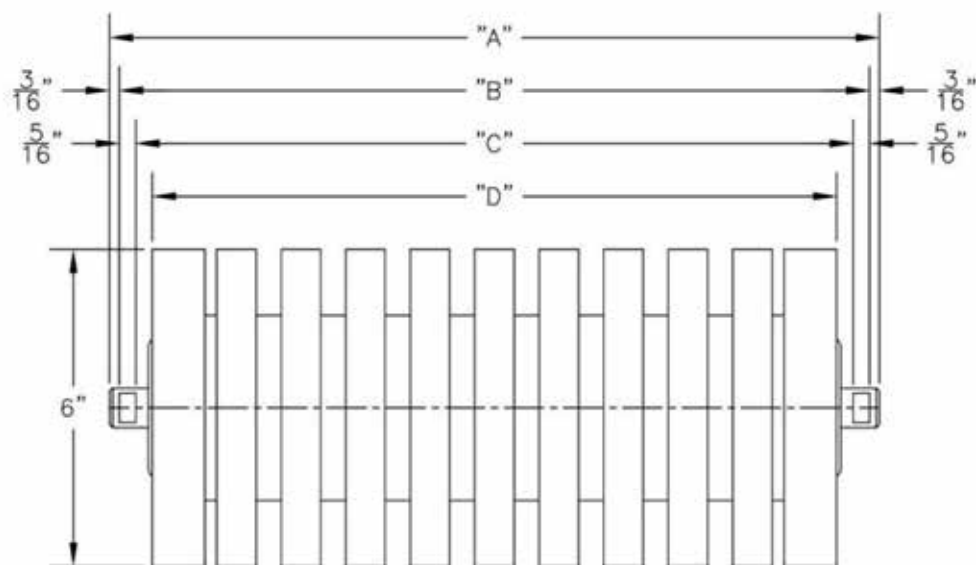
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
18"	338017	8 5/8	8 1/4	7 5/8	7	9	-
24"	338019	10 5/8	10 1/4	9 5/8	9	10	-
30"	338020	12 5/8	12 1/4	11 5/8	11	12	-
36"	338021	14 5/8	14 1/4	13 5/8	13	14	-
42"	338022	16 5/8	16 1/4	15 5/8	15	16	-
48"	338023	18 5/8	18 1/4	17 5/8	17	18	-
54"	338024	20 5/8	20 1/4	19 5/8	19	20	-
60"	338025	22 5/8	22 1/4	21 5/8	21	22	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Carrying Rolls

6" Diameter Impact Roll



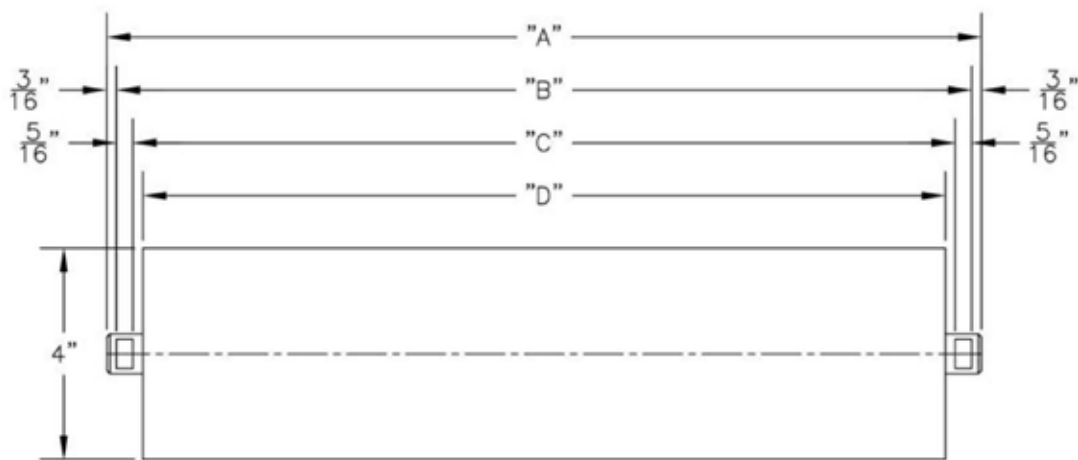
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
18"	335341	8 5/8	8 1/4	7 5/8	7	10	-
24"	335343	10 5/8	10 1/4	9 5/8	9	12	-
30"	335344	12 5/8	12 1/4	11 5/8	11	14	-
36"	335345	14 5/8	14 1/4	13 5/8	13	16	-
42"	335346	16 5/8	16 1/4	15 5/8	15	18	-
48"	335134	18 5/8	18 1/4	17 5/8	17	20	-
54"	335347	20 5/8	20 1/4	19 5/8	19	22	-
60"	335348	22 5/8	22 1/4	21 5/8	21	24	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Return Rolls

4" Diameter Steel Roll



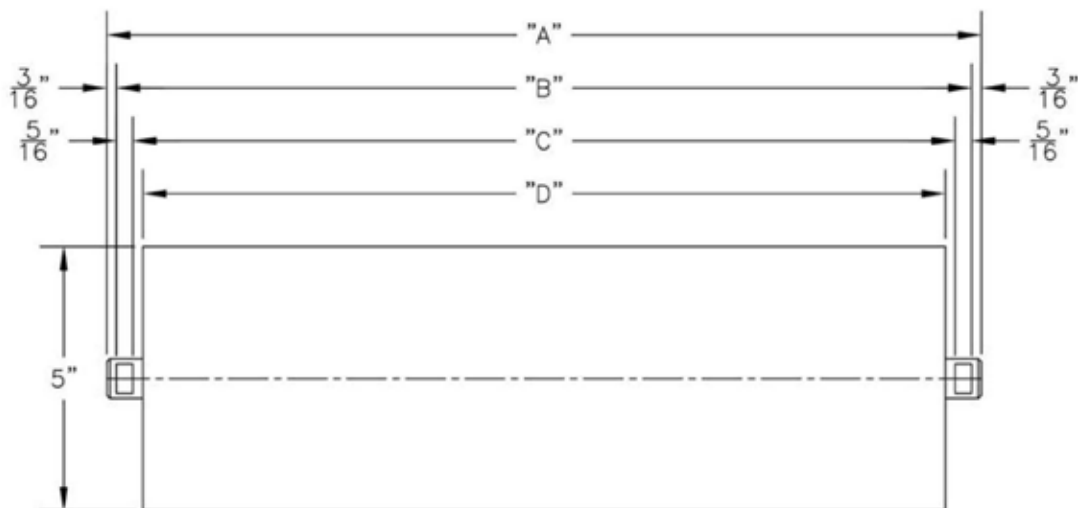
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
18"	343850	24 3/8	24	23 3/8	23	23	-
24"	324709	30 3/8	30	29 3/8	29	28	-
30"	324714	36 3/8	36	35 3/8	35	32	-
36"	324717	42 3/8	42	41 3/8	41	36	-
42"	324721	48 3/8	48	47 3/8	47	41	-
48"	324727	54 3/8	54	53 3/8	53	45	-
54"	324730	60 3/8	60	59 3/8	59	50	-
60"	324732	66 3/8	66	65 3/8	65	54	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Return Rolls

5" Diameter Steel Roll



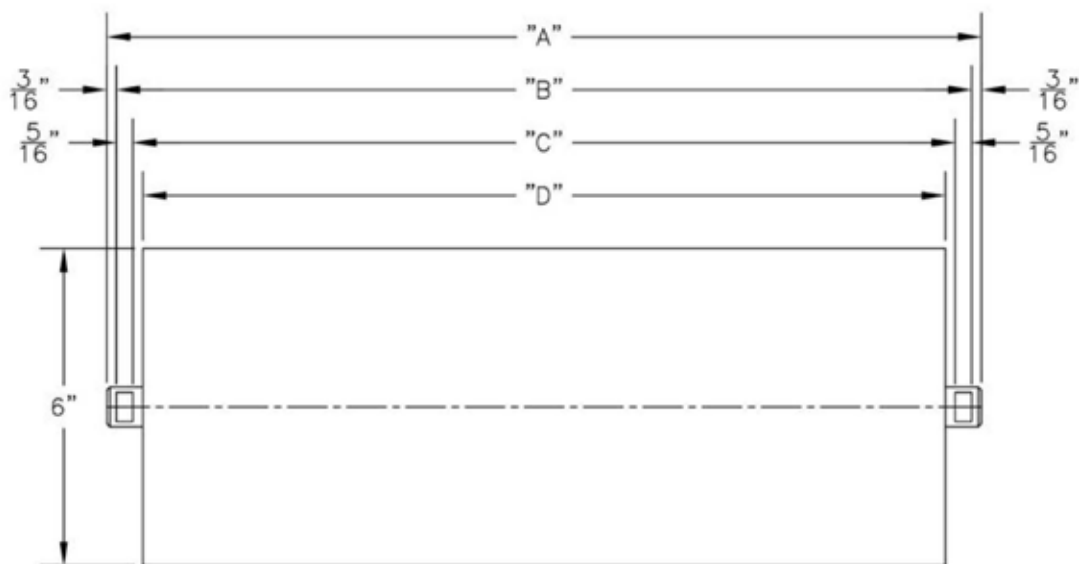
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
18"	339658	24 3/8	24	23 3/8	23	28	-
24"	325345	30 3/8	30	29 3/8	29	33	-
30"	325348	36 3/8	36	35 3/8	35	38	-
36"	325354	42 3/8	42	41 3/8	41	44	-
42"	325356	48 3/8	48	47 3/8	47	49	-
48"	325357	54 3/8	54	53 3/8	53	54	-
54"	325358	60 3/8	60	59 3/8	59	57	-
60"	325359	66 3/8	66	65 3/8	65	65	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Return Rolls

6" Diameter Steel Roll



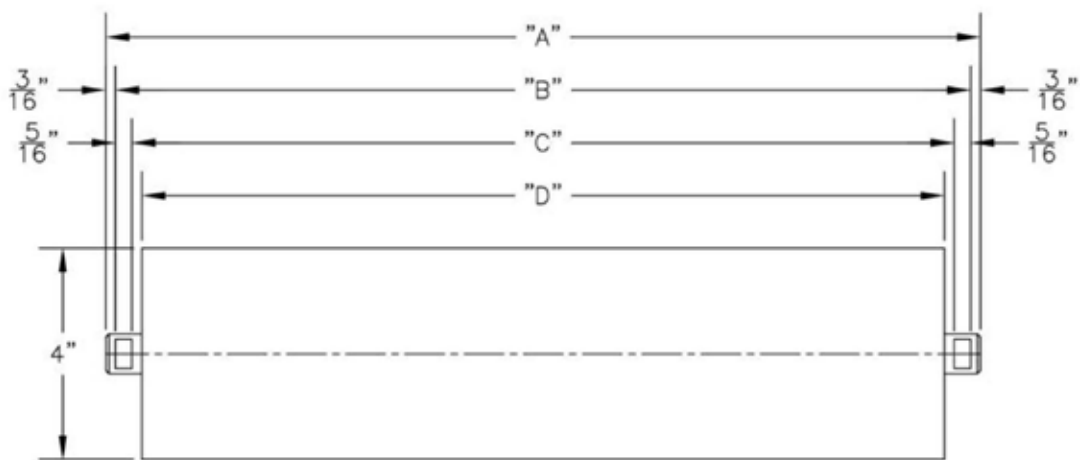
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
24"	325374	30 3/8	30	29 3/8	29	38	-
30"	325452	36 3/8	36	35 3/8	35	45	-
36"	325454	42 3/8	42	41 3/8	41	51	-
42"	325485	48 3/8	48	47 3/8	47	57	-
48"	325488	54 3/8	54	53 3/8	53	64	-
54"	325493	60 3/8	60	59 3/8	59	70	-
60"	325498	66 3/8	66	65 3/8	65	76	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Return Rolls

4" Diameter EXALON Roll



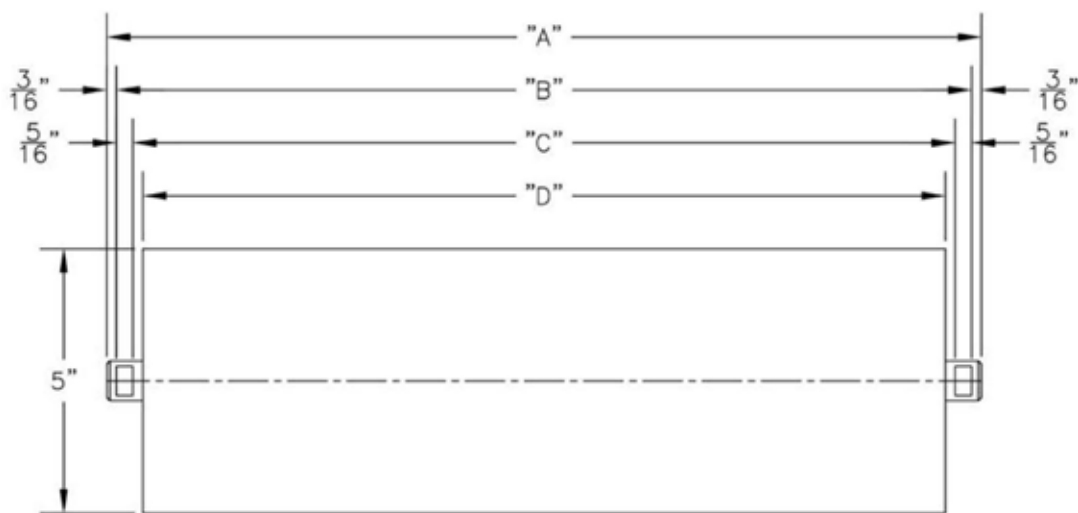
Belt Width	Part Number	A	Dimensions (inches)		D	Weight (lbs)	List Price
			B	C			
18"	358291	24 3/8	24	23 3/8	23	16	-
24"	333811	30 3/8	30	29 3/8	29	20	-
30"	333815	36 3/8	36	35 3/8	35	23	-
36"	333817	42 3/8	42	41 3/8	41	28	-
42"	333819	48 3/8	48	47 3/8	47	41	-
48"	333821	54 3/8	54	53 3/8	53	46	-
54"	333823	60 3/8	60	59 3/8	59	52	-
60"	333825	66 3/8	66	65 3/8	65	57	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Return Rolls

5" Diameter EXALON Roll



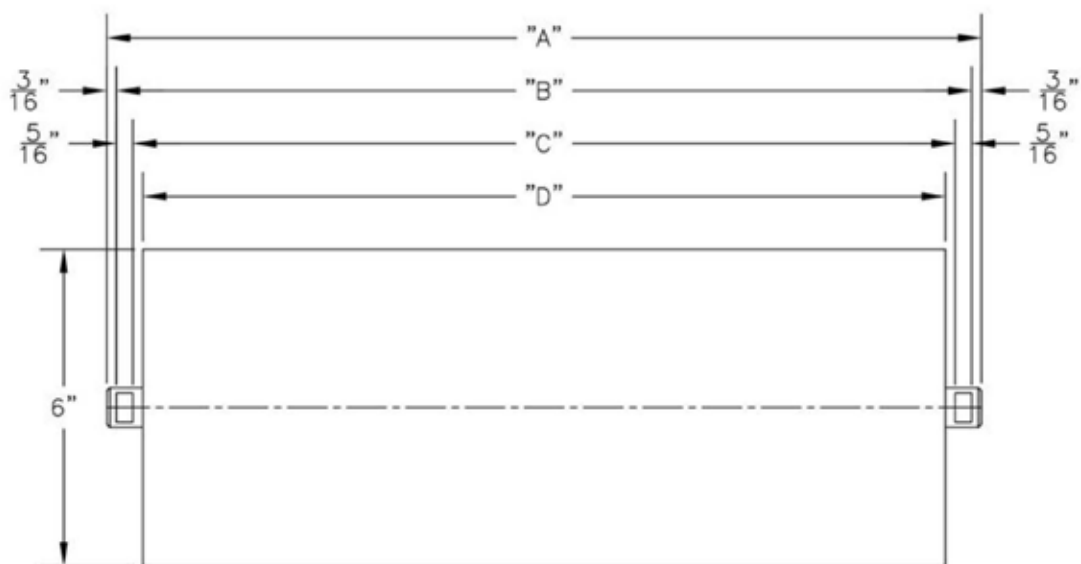
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
18"	353040	24 3/8	24	23 3/8	23	19	-
24"	332995	30 3/8	30	29 3/8	29	23	-
30"	333017	36 3/8	36	35 3/8	35	27	-
36"	333018	42 3/8	42	41 3/8	41	32	-
42"	333019	48 3/8	48	47 3/8	47	47	-
48"	333020	54 3/8	54	53 3/8	53	52	-
54"	333025	60 3/8	60	59 3/8	59	59	-
60"	333026	66 3/8	66	65 3/8	65	64	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Return Rolls

6" Diameter EXALON Roll



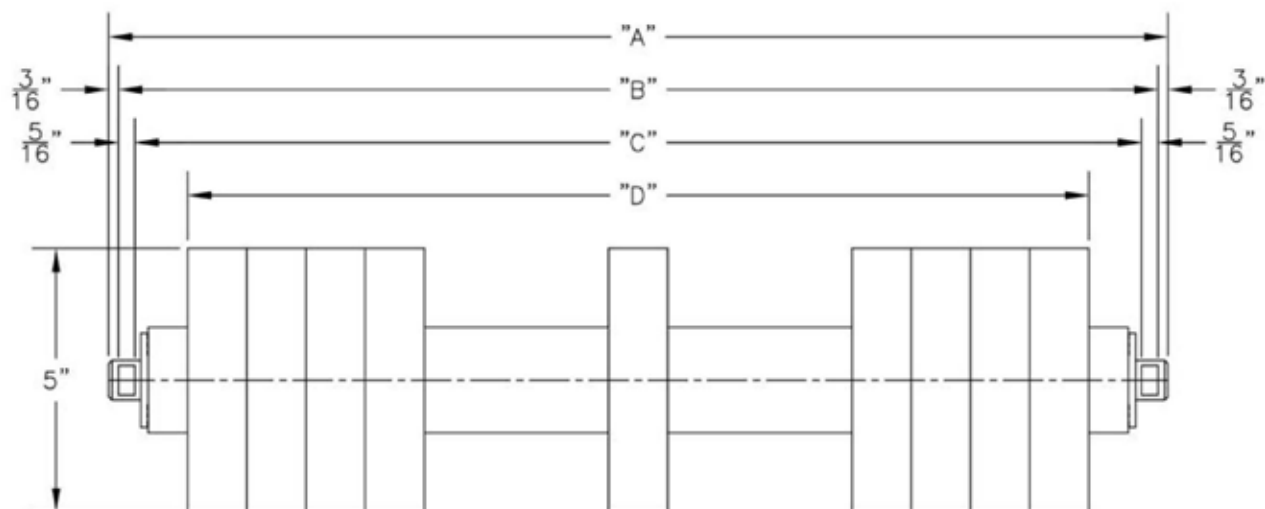
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
18"	353039	24 3/8	24	23 3/8	23	21	-
24"	333004	30 3/8	30	29 3/8	29	26	-
30"	333021	36 3/8	36	35 3/8	35	30	-
36"	333022	42 3/8	42	41 3/8	41	37	-
42"	333023	48 3/8	48	47 3/8	47	52	-
48"	333024	54 3/8	54	53 3/8	53	58	-
54"	333033	60 3/8	60	59 3/8	59	65	-
60"	333034	66 3/8	66	65 3/8	65	71	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Return Rolls

5" Diameter Rubber Disc Roll



*Number of discs in picture are for representation purposes only.
All inner discs are evenly spaced and quantities vary between belt widths.*

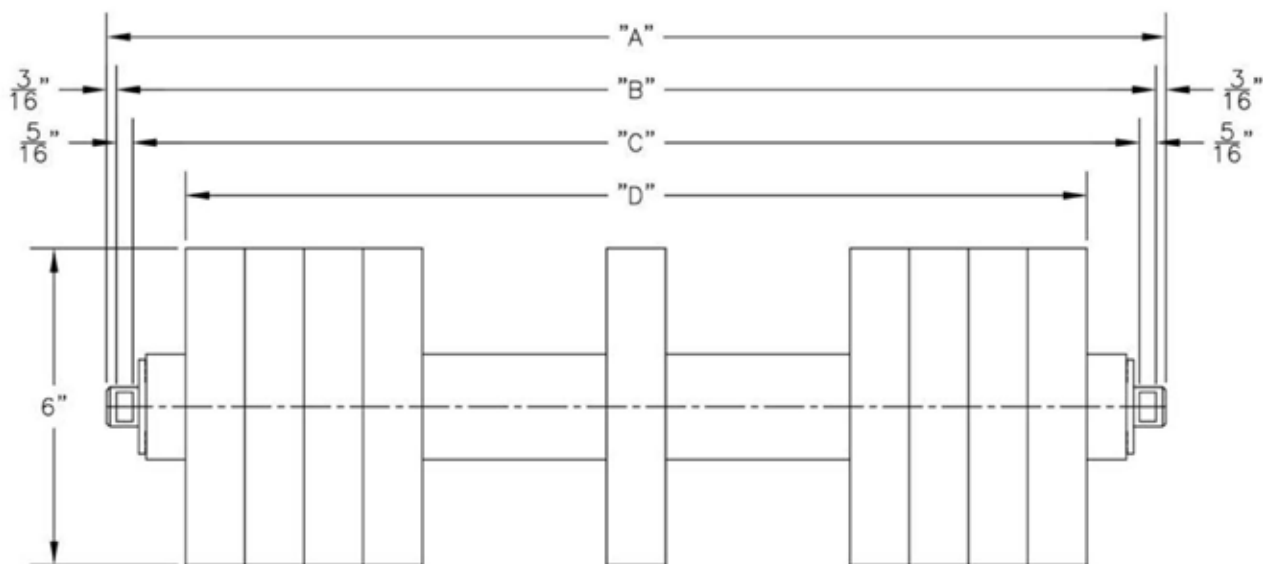
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
18"	602181	24 3/8	24	23 3/8	21 3/8	-	-
24"	343259	30 3/8	30	29 3/8	27 3/8	-	-
30"	343262	36 3/8	36	35 3/8	33 3/8	-	-
36"	343263	42 3/8	42	41 3/8	39 3/8	-	-
42"	343264	48 3/8	48	47 3/8	45 3/8	-	-
48"	343265	54 3/8	54	53 3/8	51 3/8	-	-
54"	343266	60 3/8	60	59 3/8	57 3/8	-	-
60"	343267	66 3/8	66	65 3/8	63 3/8	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Return Rolls

6" Diameter Rubber Disc Roll



Number of discs in picture are for representation purposes only.
All inner discs are evenly spaced and quantities vary between belt widths.

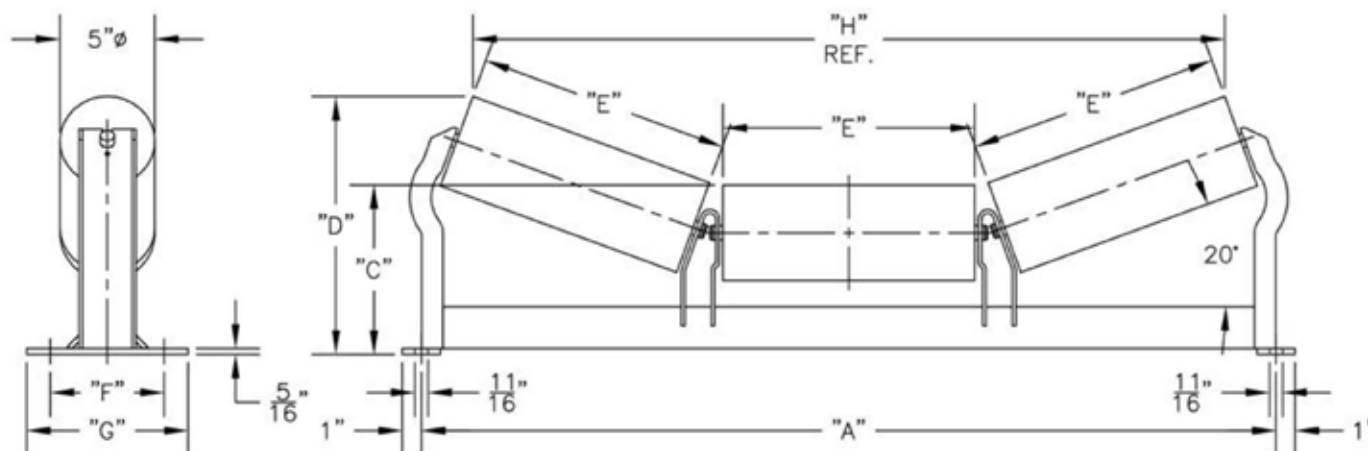
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
18"	355919	24 3/8	24	23 3/8	21 3/8	-	-
24"	344701	30 3/8	30	29 3/8	27 3/8	-	-
30"	344702	36 3/8	36	35 3/8	33 3/8	-	-
36"	344703	42 3/8	42	41 3/8	39 3/8	-	-
42"	344704	48 3/8	48	47 3/8	45 3/8	-	-
48"	344618	54 3/8	54	53 3/8	51 3/8	-	-
54"	344705	60 3/8	60	59 3/8	57 3/8	-	-
60"	344706	66 3/8	66	65 3/8	63 3/8	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA D 20°

In-line Carrying Idler Assembly

5" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		D	E	F	G	H	Weight (lbs)	List Price
24"	337865	325335	33	8 1/2	11 13/16	9 1/4	6	8 1/2	28 1/8	-	-	-	-
30"	337866	325338	39	8 1/2	12 1/2	11 1/4	6	8 1/2	33 7/8	-	-	-	-
36"	337867	325339	45	8 7/8	13 3/16	13 1/4	6	8 1/2	39 1/2	-	-	-	-
42"	337899	325780	51	8 7/8	14 1/4	15 1/4	7 1/2	10	45 3/8	88	-	-	-
48"	337900	325781	57	8 7/8	14 15/16	17 1/4	7 1/2	10	51 1/8	94	-	-	-
54"	337902	325782	63	9 1/4	15 15/16	19 1/4	9	11 1/2	56 7/8	108	-	-	-
60"	337903	325783	69	8 3/4	16 5/8	21 1/4	9	11 1/2	62 5/8	117	-	-	-
72"	337904	325784	81	9 9/16	18 3/8	25 1/4	9	11 1/2	74 1/8	141	-	-	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

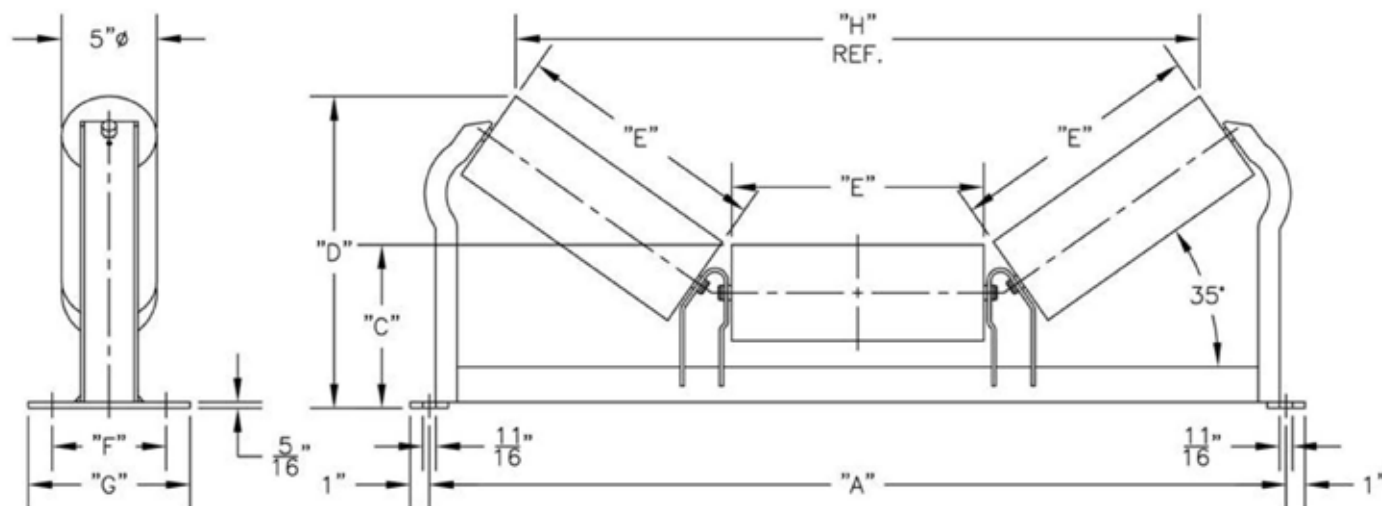
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 35°

In-line Carrying Idler Assembly

5" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
24"	336925	325335	33	8 1/2	14	9 1/4	6	8 1/2	25 3/8	-	-
30"	336926	325338	39	8 1/2	15 1/8	11 1/4	6	8 1/2	30 5/8	-	-
36"	336927	325339	45	8 9/16	16 1/4	13 1/4	6	8 1/2	35 3/4	-	-
42"	337102	325780	51	8 7/8	17 13/16	15 1/4	7 1/2	10	41 1/4	90	-
48"	337103	325781	57	8 7/8	18 15/16	17 1/4	7 1/2	10	46 1/2	96	-
54"	337104	325782	63	9 1/4	20 7/16	19 1/4	9	11 1/2	51 3/4	111	-
60"	337105	325783	69	9 1/4	21 9/16	21 1/4	9	11 1/2	57	120	-
72"	337106	325784	81	9 9/16	24 1/4	25 1/4	9	11 1/2	67 5/8	144	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

In-line Carrying Idler Assembly

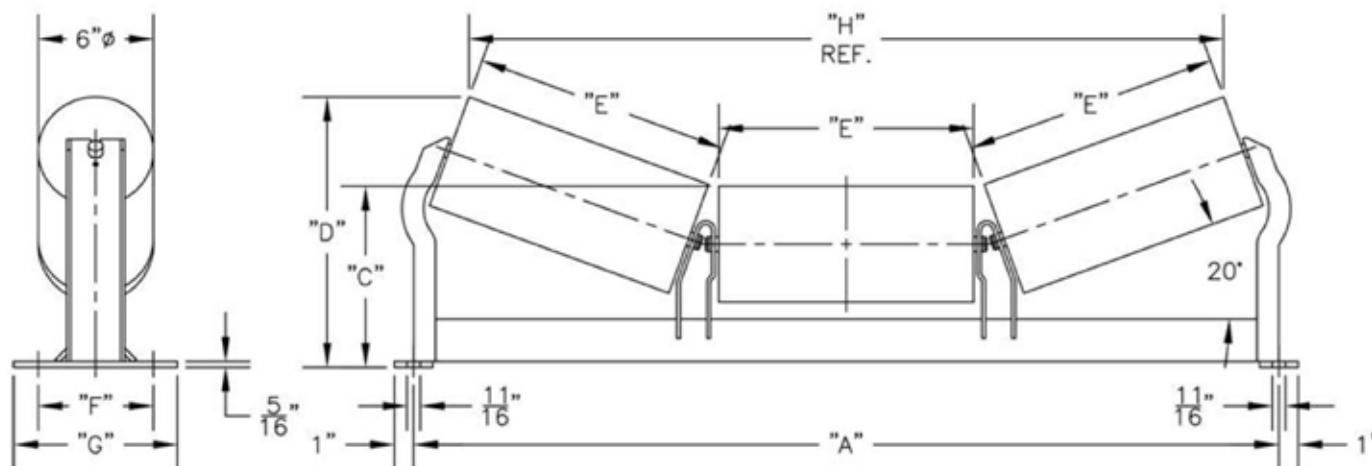
All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

**Note: CEMA D replacement roll pricing and dimensional data begins on page 151.*

CEMA D 20°

In-line Carrying Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		D	E	F	G	H	Weight (lbs)	List Price
24"	344557	325365	33	9	12 5/16	9 1/4	6	8 1/2	27 3/4	-	-	-	-
30"	344559	325366	39	9	13	11 1/4	6	8 1/2	33 1/2	-	-	-	-
36"	344560	325367	45	9 1/16	13 11/16	13 1/4	6	8 1/2	39 1/2	-	-	-	-
42"	339886	325812	51	9 3/8	14 11/16	15 1/4	7 1/2	10	45	97	-	-	-
48"	339887	325813	57	9 3/8	15 3/8	17 1/4	7 1/2	10	50 3/4	106	-	-	-
54"	339888	325814	63	9 3/4	16 7/16	19 1/4	9	11 1/2	56 1/2	120	-	-	-
60"	339889	325815	69	9 3/4	17 1/8	21 1/4	9	11 1/2	62 5/16	129	-	-	-
72"	339890	325816	81	10 1/16	18 13/16	25 1/4	9	11 1/2	73 13/16	156	-	-	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

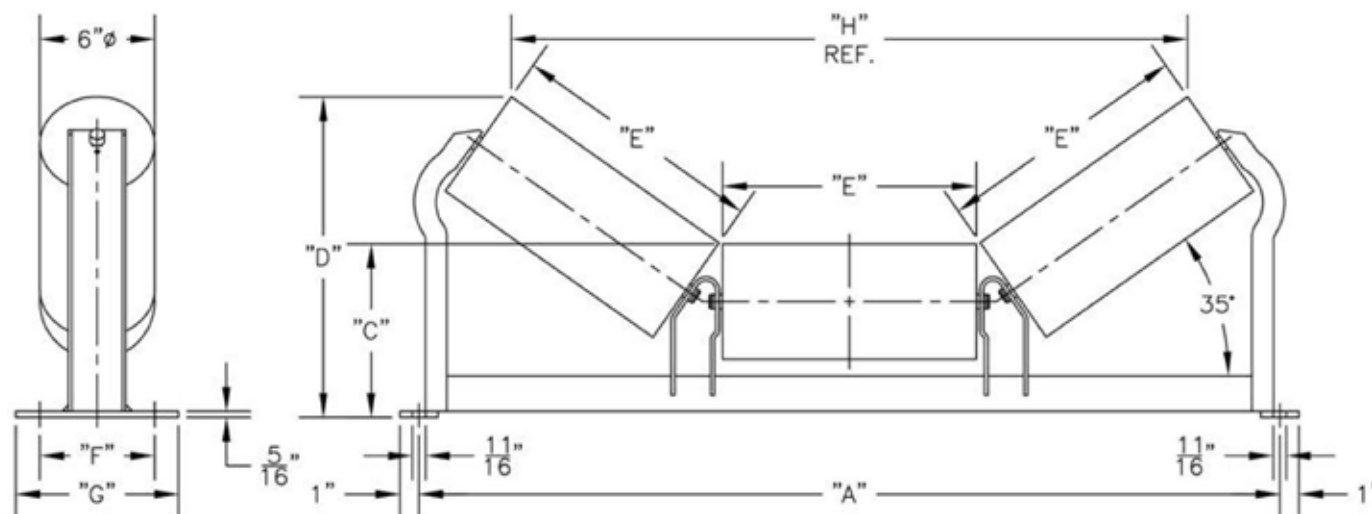
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 35°

In-line Carrying Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
24"	336917	325365	33	9	14 3/8	9 1/4	6	8 1/2	24 7/8	-	-
30"	336918	325366	39	9	15 1/2	11 1/4	6	8 1/2	30	-	-
36"	336919	325367	45	9 1/16	16 11/16	13 1/4	6	8 1/2	35 1/8	-	-
42"	337088	325812	51	9 3/8	18 3/16	15 1/4	7 1/2	10	40 5/8	99	-
48"	337089	325813	57	9 3/8	19 5/16	17 1/4	7 1/2	10	45 7/8	108	-
54"	337090	325814	63	9 3/4	20 7/8	19 1/4	9	11 1/2	51 1/4	123	-
60"	337091	325815	69	9 3/4	22	21 1/4	9	11 1/2	56 1/2	132	-
72"	337092	325816	81	10 1/16	24 5/8	25 1/4	9	11 1/2	67	159	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

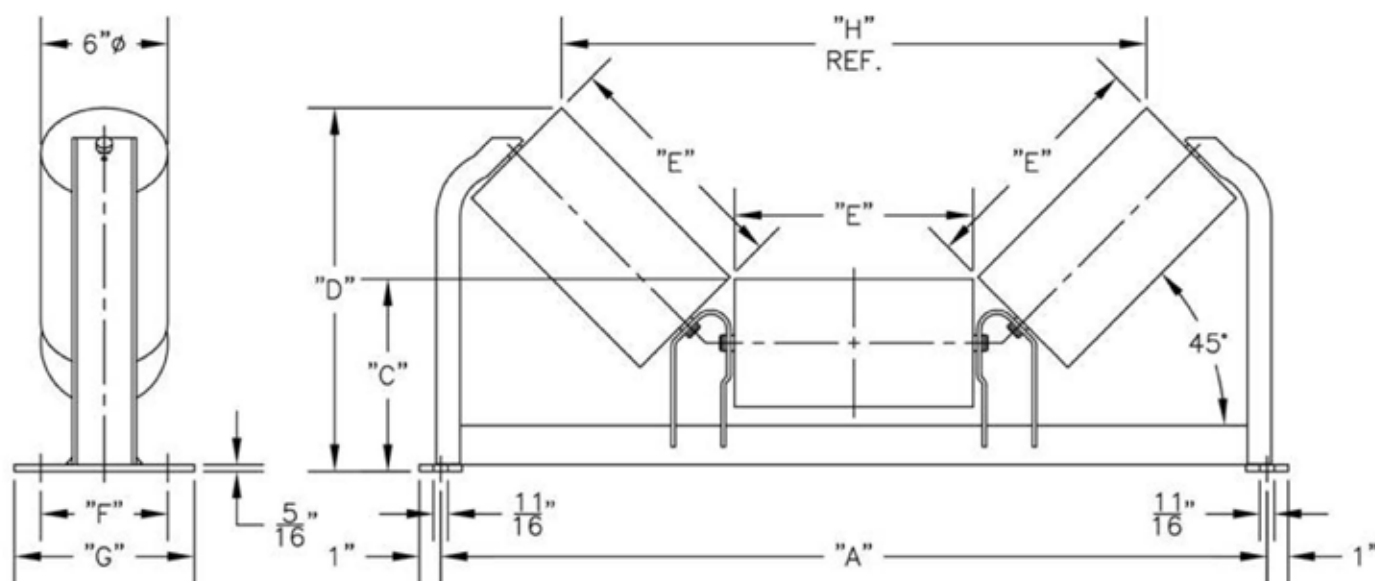
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 45°

In-line Carrying Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
24"	354620	325365	33	9	15 11/16	9 1/4	6	8 1/2	22 3/4	-	-
30"	354621	325366	39	9	17 1/16	11 1/4	6	8 1/2	27 5/8	-	-
36"	354622	325367	45	9 1/16	18 9/16	13 1/4	6	8 1/2	32 1/2	-	-
42"	354453	325812	51	9 3/8	20 1/4	15 1/4	7 1/2	10	37 1/4	101	-
48"	354454	325813	57	9 3/8	21 11/16	17 1/4	7 1/2	10	42 1/8	110	-
54"	354455	325814	63	9 3/4	23 7/16	19 1/4	9	11 1/2	46 7/8	124	-
60"	354456	325815	69	9 3/4	24 7/8	21 1/4	9	11 1/2	51 3/4	134	-
72"	354457	325816	81	10 1/16	28 1/16	25 1/4	9	11 1/2	61 7/16	161	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

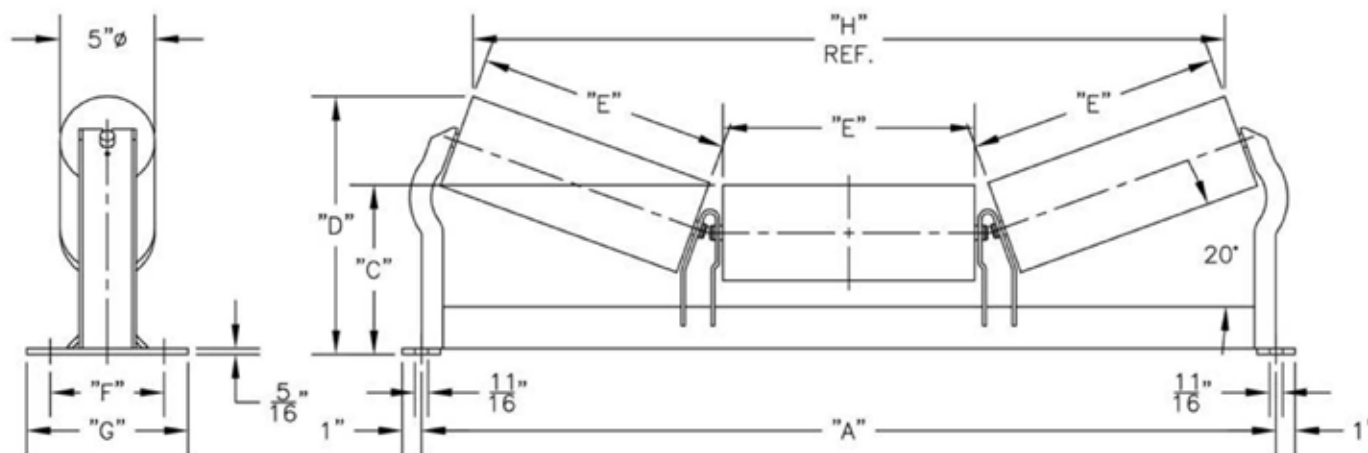
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 20°

In-line Carrying Idler Assembly

5" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		D	E	F	G	H	Weight (lbs)	List Price
24"	336180	332987	33	8 1/2	11 13/16	9 1/4	6	8 1/2	28 1/8	-	-	-	-
30"	336181	332988	39	8 1/2	12 1/2	11 1/4	6	8 1/2	33 7/8	-	-	-	-
36"	336182	332989	45	8 9/16	13 3/16	13 1/4	6	8 1/2	39 1/2	-	-	-	-
42"	348274	333655	51	8 7/8	14 1/4	15 1/4	7 1/2	10	45 3/8	-	-	-	-
48"	348275	333656	57	8 7/8	14 15/16	17 1/4	7 1/2	10	51 1/8	-	-	-	-
54"	348276	333657	63	9 1/4	15 15/16	19 1/4	9	11 1/2	56 7/8	-	-	-	-
60"	348277	333658	69	9 1/4	16 5/8	21 1/4	9	11 1/2	62 5/8	-	-	-	-
72"	348278	333659	81	9 9/16	18 3/8	25 1/4	9	11 1/2	74 1/8	-	-	-	-

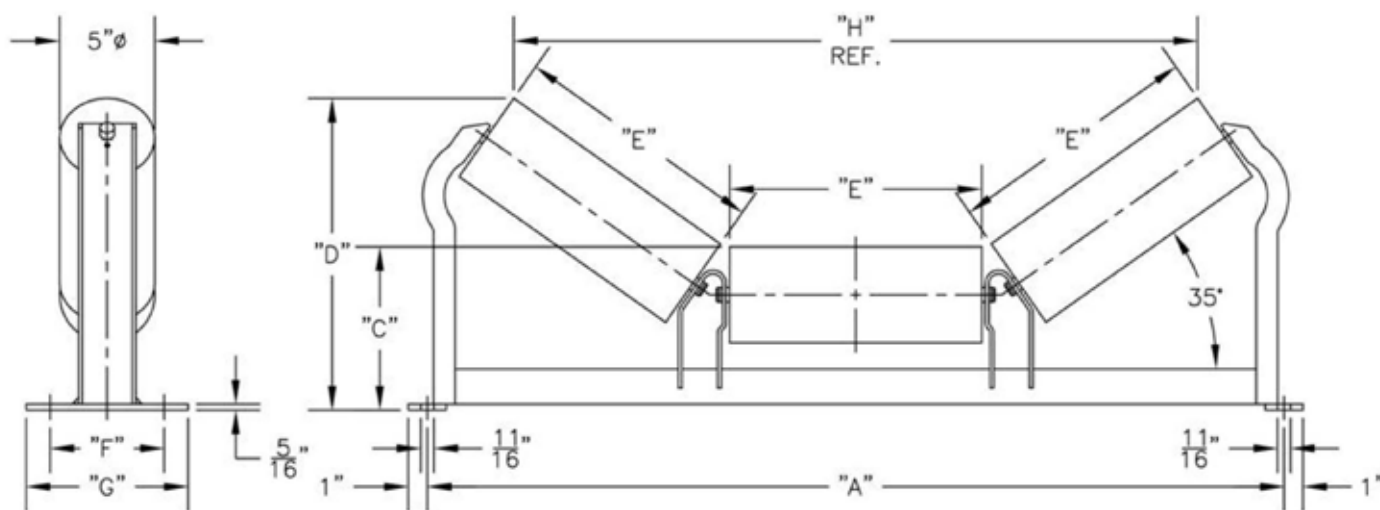
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 35°

In-line Carrying Idler Assembly

5" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)					Weight (lbs)	List Price
D	E	F	G	H							
24"	335052	332987	33	8 1/2	14	9 1/4	6	8 1/2	25 3/8	-	-
30"	335053	332988	39	8 1/2	15 1/8	11 1/4	6	8 1/2	30 5/8	-	-
36"	335054	332989	45	8 9/16	16 1/4	13 1/4	6	8 1/2	35 3/4	-	-
42"	348252	333655	51	8 7/8	17 13/16	15 1/4	7 1/2	10	41 1/4	-	-
48"	348253	333656	57	8 7/8	18 15/16	17 1/4	7 1/2	10	46 1/2	-	-
54"	348254	333657	63	9 1/4	20 7/16	19 1/4	9	11 1/2	51 3/4	-	-
60"	348255	333658	69	8 3/4	21 9/16	21 1/4	9	11 1/2	57	-	-
72"	348256	333659	81	9 9/16	24 1/4	25 1/4	9	11 1/2	67 5/8	-	-

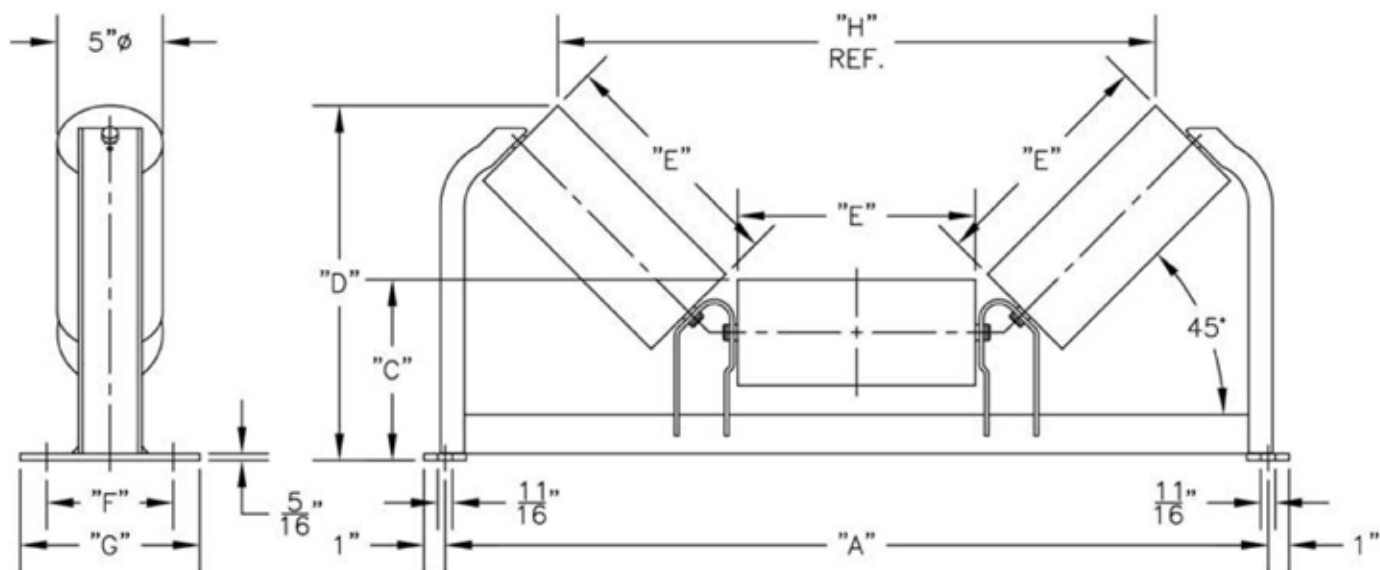
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 45°

In-line Carrying Idler Assembly

5" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
24"	334227	332987	33	8 1/2	15 5/16	9 1/4	6	8 1/2	23 1/2	-	-
30"	334228	332988	39	8 1/2	16 3/4	11 1/4	6	8 1/2	28 3/8	-	-
36"	334229	332989	45	8 9/16	18 3/16	13 1/4	6	8 1/2	33 1/8	-	-
42"	384058	333655	51	8 7/8	19 7/8	15 1/4	7 1/2	10	38	-	-
48"	384059	333656	57	8 7/8	21 5/16	17 1/4	7 1/2	10	42 3/4	-	-
54"	384060	333657	63	9 1/4	23 1/16	19 1/4	9	11 1/2	47 5/8	-	-
60"	384061	333658	69	9 1/4	24 1/2	21 1/4	9	11 1/2	52 1/2	-	-
72"	384062	333659	81	9 9/16	27 11/16	25 1/4	9	11 1/2	62 1/8	-	-

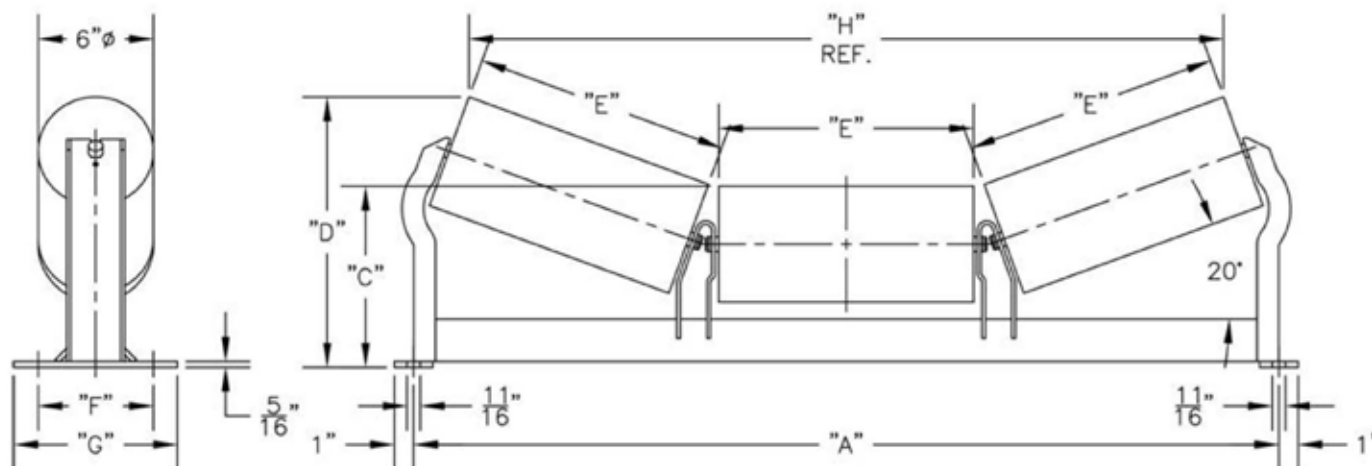
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 20°

In-line Carrying Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		D	E	F	G	H	Weight (lbs)	List Price
24"	336185	332977	33	9	12 5/16	9 1/4	6	8 1/2	27 3/4	-	-	-	-
30"	336186	332978	39	9	13	11 1/4	6	8 1/2	33 1/2	-	-	-	-
36"	336187	332979	45	9 1/16	13 11/16	13 1/4	6	8 1/2	39 1/8	-	-	-	-
42"	338343	333662	51	9 3/8	14 11/16	15 1/4	7 1/2	10	45	-	-	-	-
48"	338345	333663	57	9 3/8	15 3/8	17 1/4	7 1/2	10	50 3/4	-	-	-	-
54"	338346	333664	63	9 3/4	16 7/16	19 1/4	9	11 1/2	56 1/2	-	-	-	-
60"	338347	333665	69	9 3/4	17 1/8	21 1/4	9	11 1/2	62 5/16	-	-	-	-
72"	338348	333666	81	10 1/16	18 13/16	25 1/4	9	11 1/2	73 13/16	-	-	-	-

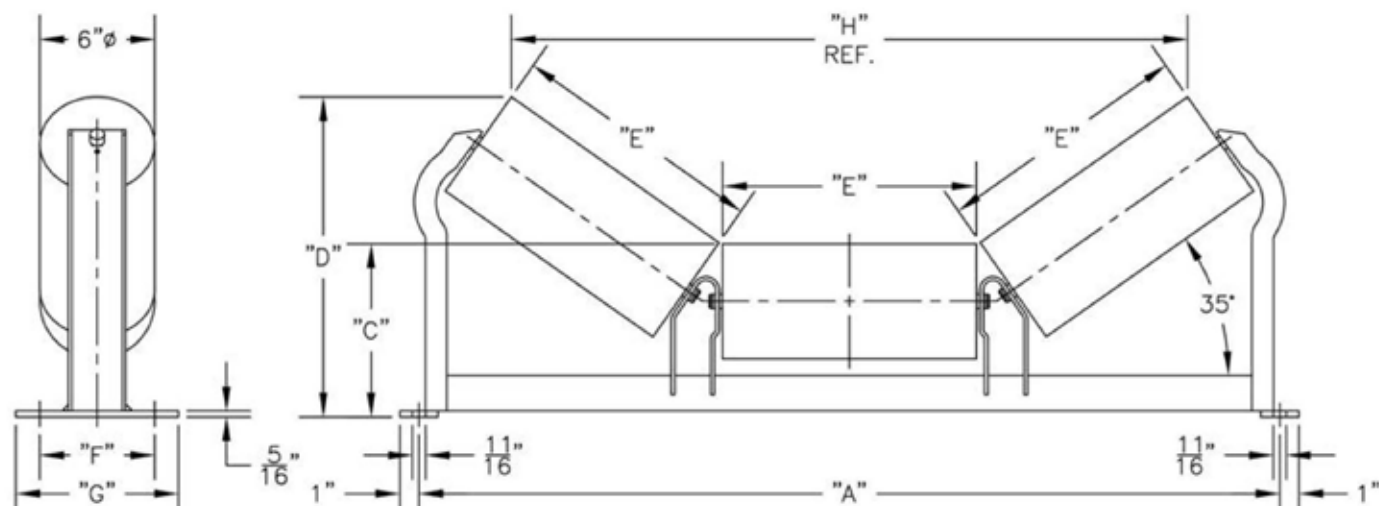
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 35°

In-line Carrying Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		D	E	F	G	H	Weight (lbs)	List Price
24"	335067	332977	33	9	14 3/8	9 1/4	6	8 1/2	24 7/8	-	-	-	-
30"	335068	332978	39	9	15 1/2	11 1/4	6	8 1/2	30	-	-	-	-
36"	335069	332979	45	9 1/16	16 11/16	13 1/4	6	8 1/2	35 1/8	-	-	-	-
42"	343946	333662	51	9 3/8	18 3/16	15 1/4	7 1/2	10	40 5/8	-	-	-	-
48"	343947	333663	57	9 3/8	19 5/16	17 1/4	7 1/2	10	45 7/8	-	-	-	-
54"	343948	333664	63	9 3/4	20 7/8	19 1/4	9	11 1/2	51 1/4	-	-	-	-
60"	343949	333665	69	9 3/4	22	21 1/4	9	11 1/2	56 1/2	-	-	-	-
72"	354651	333666	81	10 1/16	24 5/8	25 1/4	9	11 1/2	67	-	-	-	-

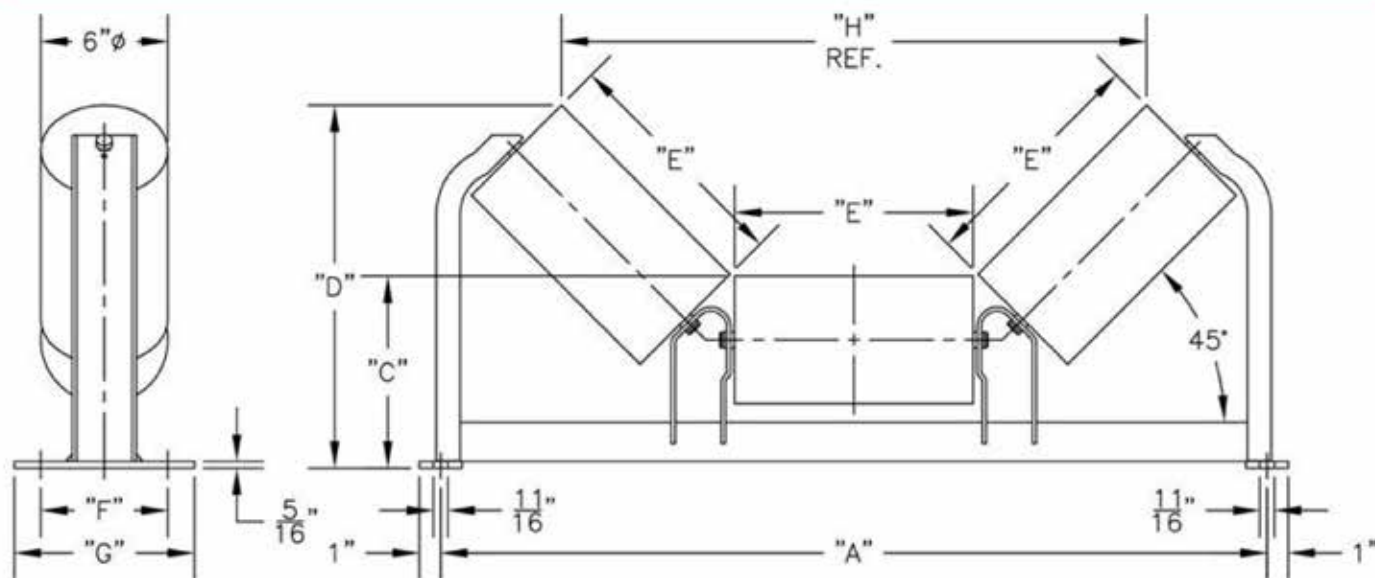
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 45°

In-line Carrying Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
24"	334102	332977	33	9	15 11/16	9 1/4	6	8 1/2	22 3/4	-	-
30"	334103	332978	39	9	17 1/16	11 1/4	6	8 1/2	27 5/8	-	-
36"	334104	332979	45	9 1/16	18 9/16	13 1/4	6	8 1/2	32 1/2	-	-
42"	354647	333662	51	9 3/8	20 1/4	15 1/4	7 1/2	10	37 1/4	-	-
48"	354648	333663	57	9 3/8	21 11/16	17 1/4	7 1/2	10	42 1/8	-	-
54"	354649	333664	63	9 3/4	23 7/16	19 1/4	9	11 1/2	46 7/8	-	-
60"	354650	333665	69	9 3/4	24 7/8	21 1/4	9	11 1/2	51 3/4	-	-
72"	354651	333666	81	10 1/16	28 1/16	25 1/4	9	11 1/2	61 7/16	-	-

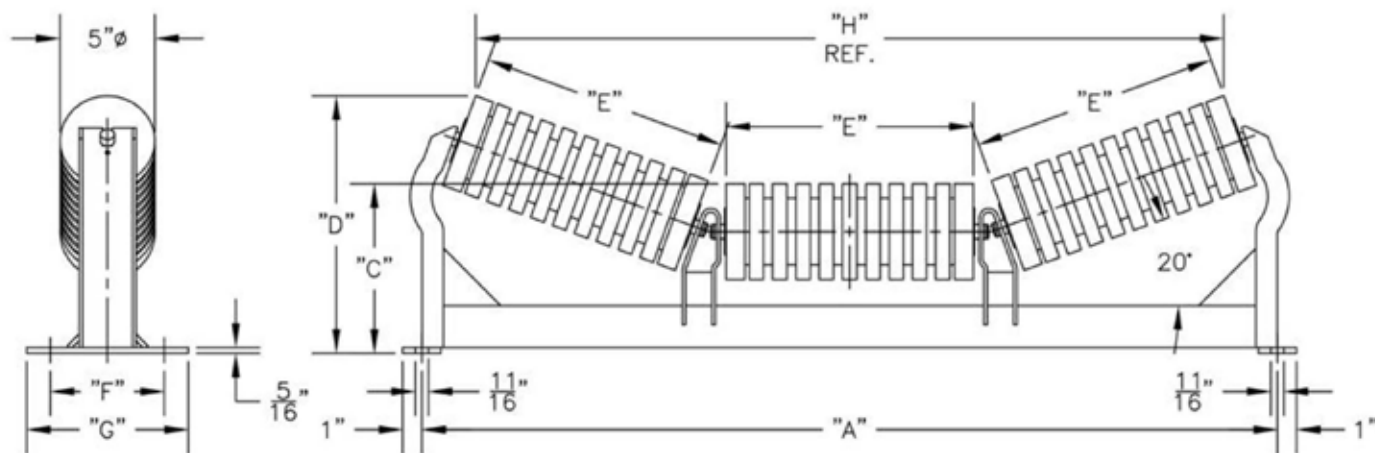
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 20°

In-line Carrying Idler Assembly

5" Diameter Impact Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		D	E	F	G	H	Weight (lbs)	List Price
24"	340040	338019	33	8 1/2	11 3/4	9	6	8 1/2	27 13/16	-	-	-	-
30"	340041	338020	39	8 1/2	12 7/16	11	6	8 1/2	33 5/8	-	-	-	-
36"	340042	338021	45	8 9/16	13 3/16	13	6	8 1/2	39 3/8	-	-	-	-
42"	354225	338066	51	8 7/8	14 3/16	15	7 1/2	10	45 1/8	107	-	-	-
48"	354226	338067	57	8 7/8	14 7/8	17	7 1/2	10	50 7/8	120	-	-	-
54"	354227	338068	63	9 1/4	15 9/16	19	9	11 1/2	56 5/8	137	-	-	-
60"	354402	338069	69	9 1/4	16 1/4	21	9	11 1/2	62 3/8	151	-	-	-
72"	354403	338070	81	9 9/16	17 5/8	25	9	11 1/2	73 15/16	181	-	-	-

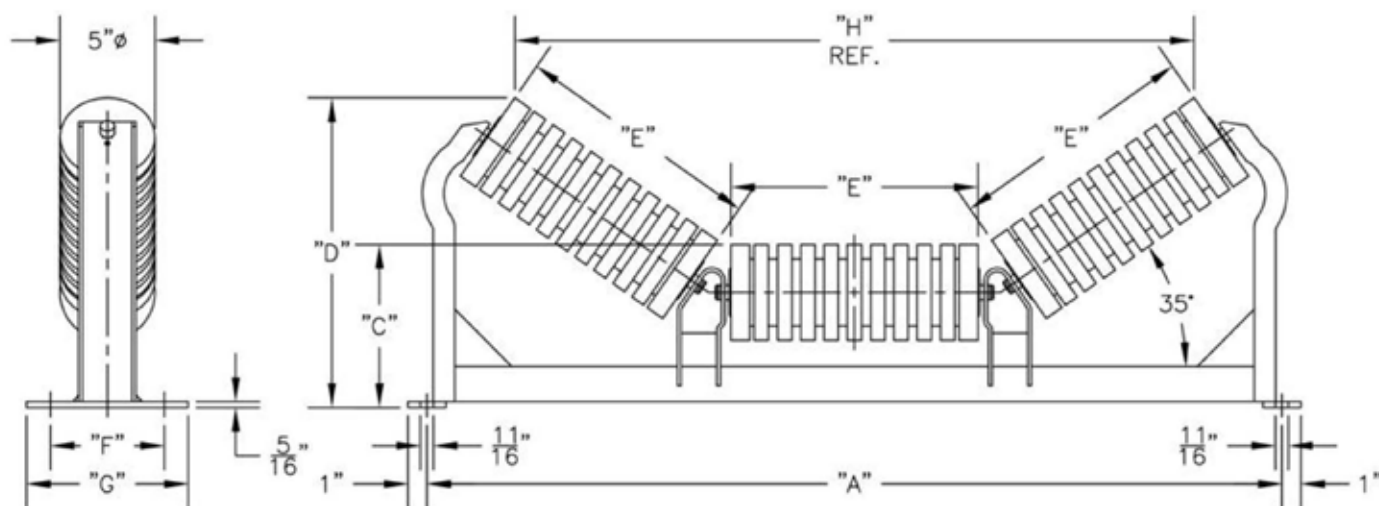
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 35°

In-line Carrying Idler Assembly

5" Diameter Impact Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
24"	339791	338019	33	8 1/2	13 15/16	9	6	8 1/2	25 3/16	-	-
30"	339792	338020	39	8 1/2	15 1/16	11	6	8 1/2	30 1/2	-	-
36"	339793	338021	45	8 9/16	16 3/16	13	6	8 1/2	35 3/4	-	-
42"	339716	338066	51	8 7/8	17 11/16	15	7 1/2	10	41 1/16	110	-
48"	339717	338067	57	8 7/8	18 7/8	17	7 1/2	10	46 5/16	122	-
54"	339718	338068	63	9 1/4	20 3/8	19	9	11 1/2	51 9/16	139	-
60"	339719	338069	69	9 1/4	21 1/2	21	9	11 1/2	56 7/8	153	-
72"	339720	338070	81	9 9/16	24 1/8	25	9	11 1/2	67 7/16	184	-

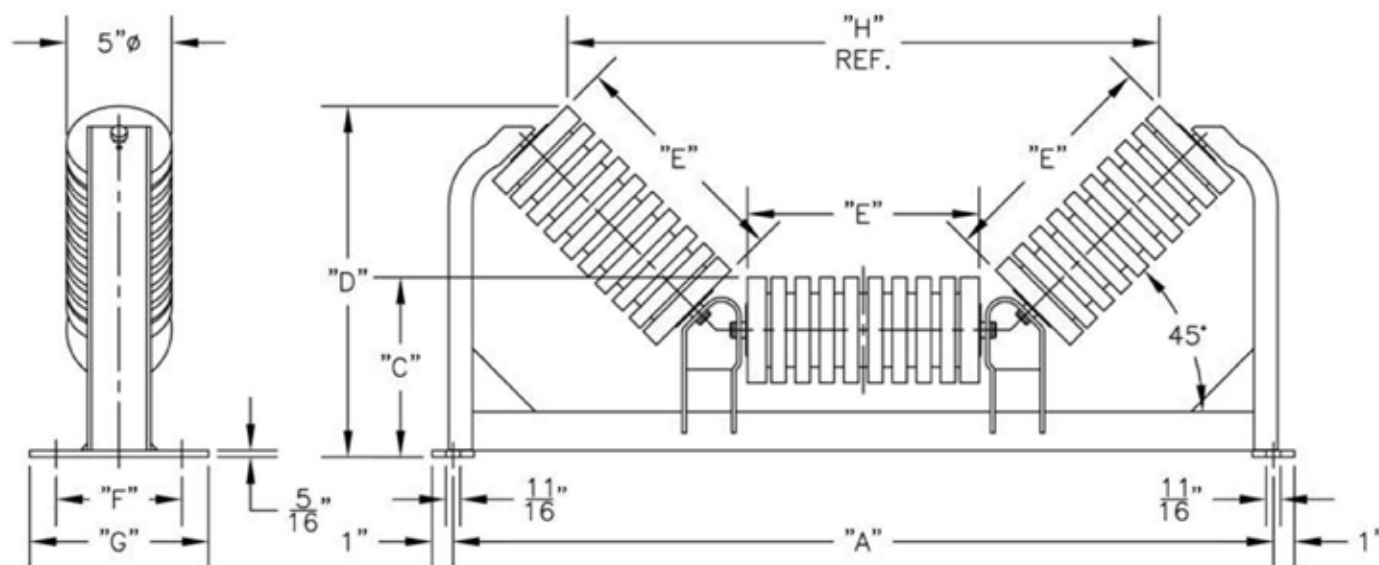
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 45°

In-line Carrying Idler Assembly

5" Diameter Impact Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
24"	339918	338019	33	8 1/2	15 3/16	9	6	8 1/2	25 5/16	-	-
30"	339919	338020	39	8 1/2	16 5/8	11	6	8 1/2	28 1/8	-	-
36"	339920	338021	45	8 9/16	18 1/16	13	6	8 1/2	33	-	-
42"	339731	338066	51	8 7/8	19 13/16	15	7 1/2	10	37 13/16	111	-
48"	339734	338067	57	8 7/8	21 1/4	17	7 1/2	10	42 5/8	125	-
54"	339735	338068	63	9 1/4	23	19	9	11 1/2	47 7/16	142	-
60"	339736	338069	69	9 1/4	24 7/16	21	9	11 1/2	52 5/16	157	-
72"	339737	338070	81	9 9/16	27 9/16	25	9	11 1/2	61 15/16	187	-

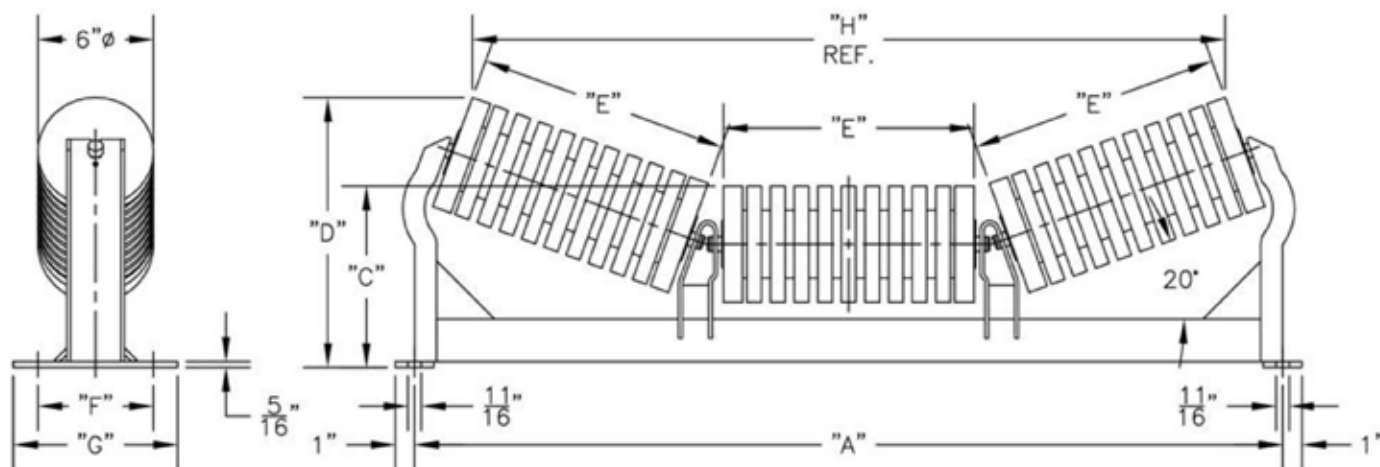
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 20°

In-line Carrying Idler Assembly

6" Diameter Impact Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		D	E	F	G	H	Weight (lbs)	List Price
24"	348288	335343	33	9	12 3/16	9	6	8 1/2	27 1/2	-	-	-	-
30"	348289	335344	39	9	12 7/8	11	6	8 1/2	33 1/4	-	-	-	-
36"	348290	335345	45	9 1/16	13 5/8	13	6	8 1/2	39	-	-	-	-
42"	354406	336742	51	9 3/8	14 5/8	15	7 1/2	10	44 3/4	116	-	-	-
48"	354407	336743	57	9 3/8	15 5/16	17	7 1/2	10	50 9/16	129	-	-	-
54"	354408	336744	63	9 3/4	16	19	9	11 1/2	56 5/16	147	-	-	-
60"	354409	336745	69	9 3/4	16 11/16	21	9	11 1/2	62 1/16	163	-	-	-
72"	354410	336746	81	10 1/16	18 1/16	25	9	11 1/2	73 9/16	194	-	-	-

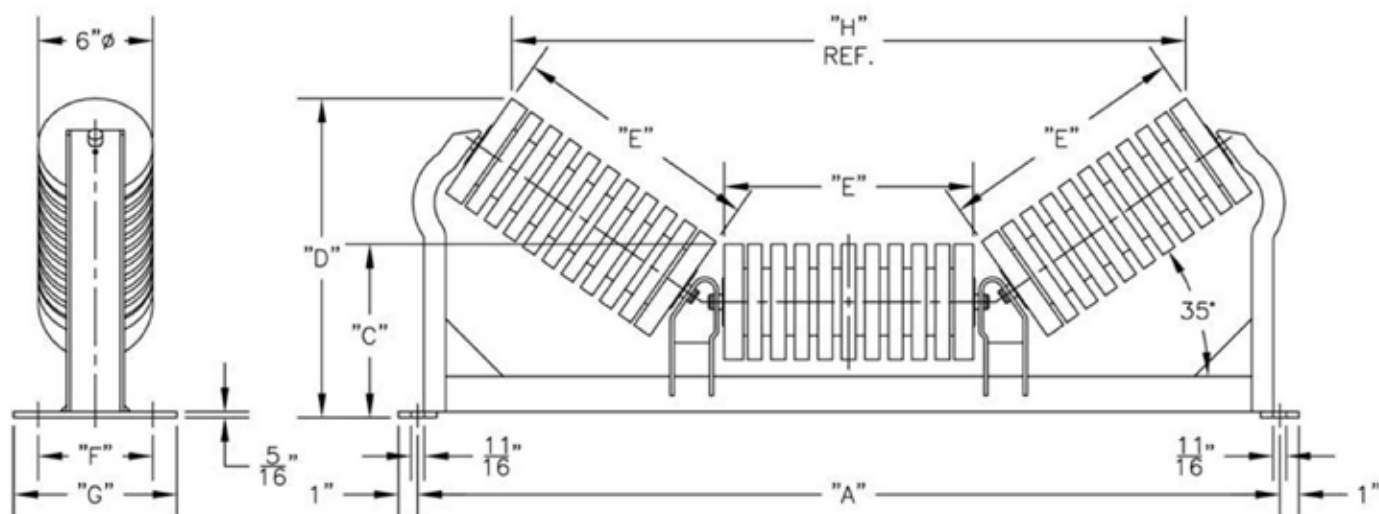
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 35°

In-line Carrying Idler Assembly

6" Diameter Impact Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
24"	348301	335343	33	9	14 5/16	9	6	8 1/2	24 5/8	-	-
30"	348302	335344	39	9	15 7/16	11	6	8 1/2	29 15/16	-	-
36"	348303	335345	45	9 1/16	16 9/16	13	6	8 1/2	35 3/16	-	-
42"	337010	336742	51	9 3/8	18 1/8	15	7 1/2	10	40 7/16	118	-
48"	337011	336743	57	9 3/8	19 1/4	17	7 1/2	10	45 3/4	131	-
54"	337012	336744	63	9 3/4	20 13/16	19	9	11 1/2	51	149	-
60"	337013	336745	69	9 3/4	21 15/16	21	9	11 1/2	56 5/16	165	-
72"	337014	336746	81	10 1/16	24 9/16	25	9	11 1/2	66 13/16	197	-

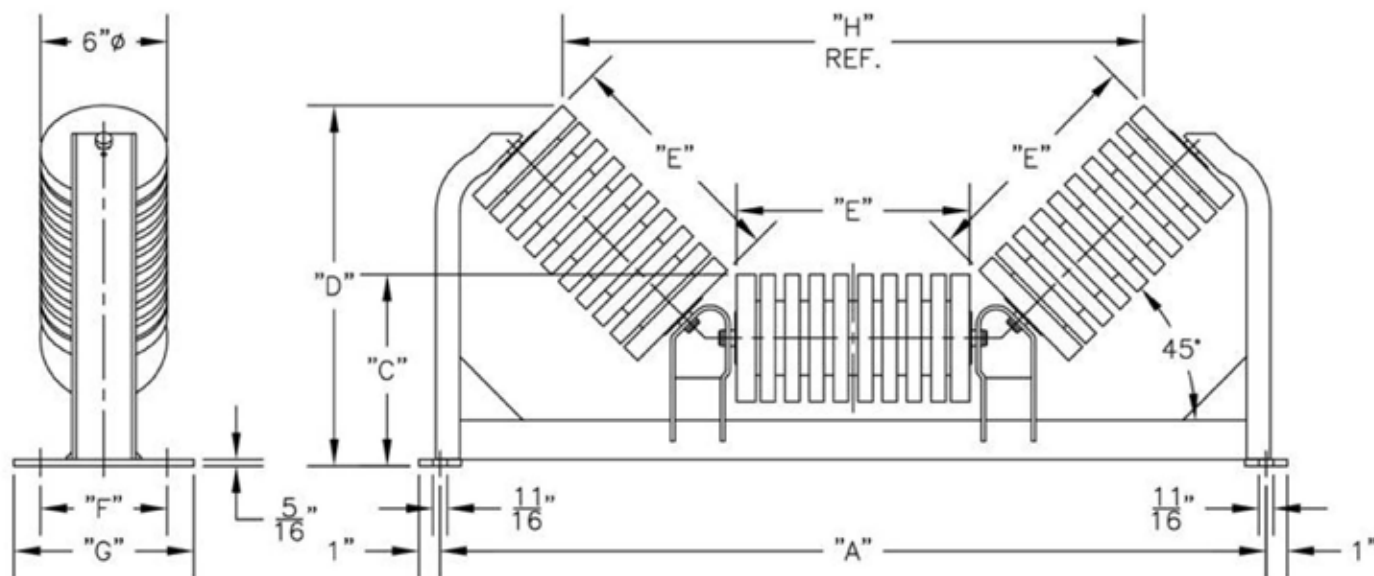
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 45°

In-line Carrying Idler Assembly

6" Diameter Impact Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
24"	348307	335343	33	9	15 9/16	9	6	8 1/2	22 5/8	-	-
30"	348308	335344	39	9	16 15/16	11	6	8 1/2	27 7/16	-	-
36"	348309	335345	45	9 1/16	18 7/16	13	6	8 1/2	32 1/4	-	-
42"	354655	336742	51	9 3/8	20 3/16	15	7 1/2	10	37 1/16	120	-
48"	354656	336743	57	9 3/8	21 9/16	17	7 1/2	10	41 15/16	134	-
54"	354657	336744	63	9 3/4	23 3/8	19	9	11 1/2	46 3/4	152	-
60"	354659	336745	69	9 3/4	24 13/16	21	9	11 1/2	51 9/16	169	-
72"	354660	336746	81	10 1/16	27 15/16	25	9	11 1/2	61 1/4	200	-

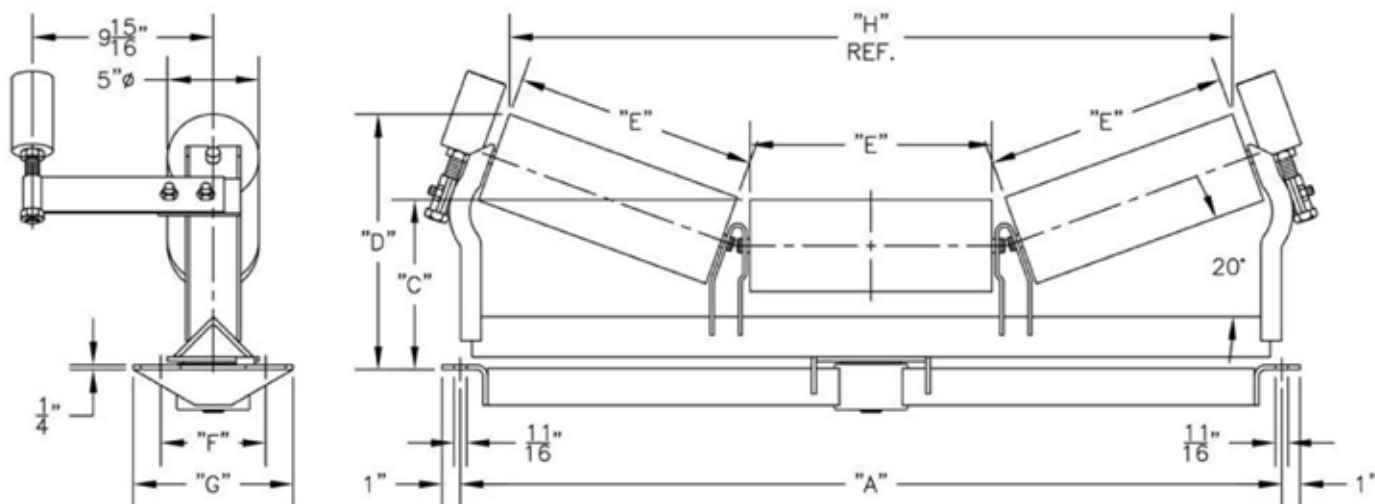
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 20°

In-line Training Idler Assembly

5" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
24"	352034	325335	33	8 7/8	12 1/4	9 1/4	5 1/4	7 3/4	28 1/16	79	-
30"	352035	325338	39	8 7/8	12 7/8	11 1/4	5 1/4	7 3/4	33 15/16	90	-
36"	352036	325339	45	8 15/16	13 5/8	13 1/4	5 1/4	7 3/4	39 5/8	102	-
42"	365463	325780	51	9 1/4	14 9/16	15 1/4	7 1/2	10	45 3/8	120	-
48"	365464	325781	57	9 1/4	15 1/4	17 1/4	7 1/2	10	51 1/8	128	-
54"	365465	325782	63	9 5/8	16 5/16	19 1/4	9	11 1/2	56 7/8	144	-
60"	365466	325783	69	9 5/8	17	21 1/4	9	11 1/2	62 5/8	155	-
72"	365467	325784	81	9 15/16	18 3/4	25 1/4	9	11 1/2	74 1/16	183	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

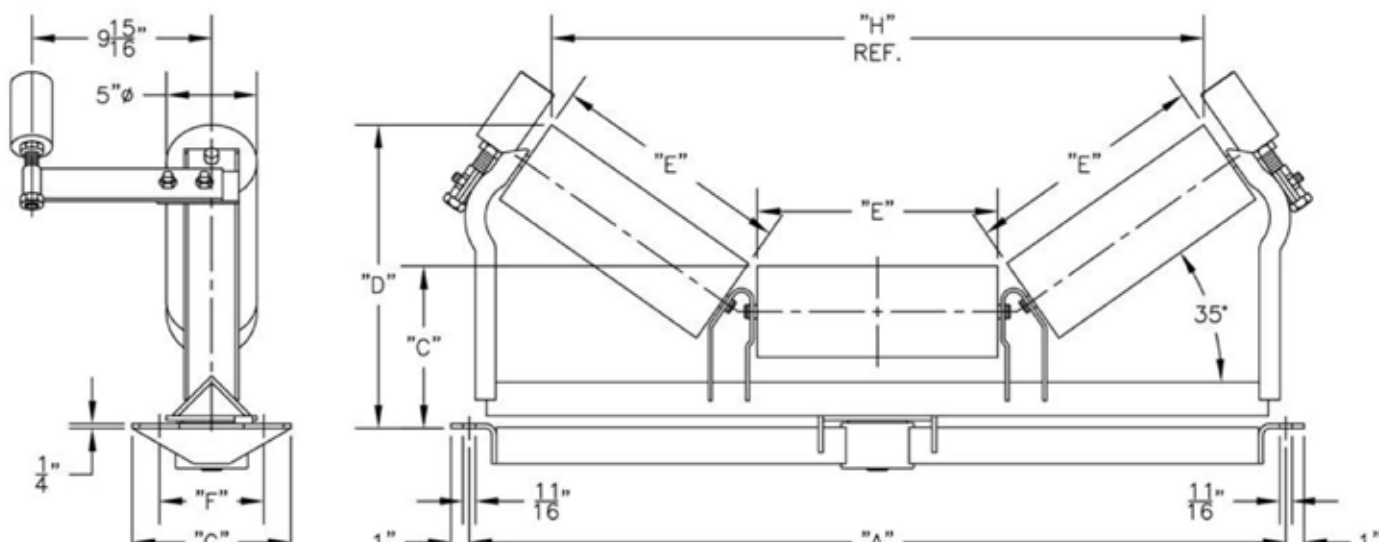
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 35°

In-line Training Idler Assembly

5" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
24"	340885	325335	33	9 3/16	14 11/16	9 1/4	5 1/4	7 3/4	25 3/8	81	-
30"	340886	325338	39	9 3/16	19 3/16	11 1/4	5 1/4	7 3/4	30 11/16	92	-
36"	340887	325339	45	9 1/4	16 15/16	13 1/4	5 1/4	7 3/4	35 15/16	104	-
42"	348237	325780	51	9 9/16	18 1/2	15 1/4	7 1/2	10	41 1/4	122	-
48"	348238	325781	57	9 9/16	19 5/8	17 1/4	7 1/2	10	46 1/2	130	-
54"	348239	325782	63	9 15/16	21 1/8	19 1/4	9	11 1/2	51 13/16	147	-
60"	348240	325783	69	9 15/16	22 1/4	21 1/4	9	11 1/2	57 1/16	158	-
72"	348241	325784	81	10 1/4	24 15/16	25 1/4	9	11 1/2	67 5/8	186	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

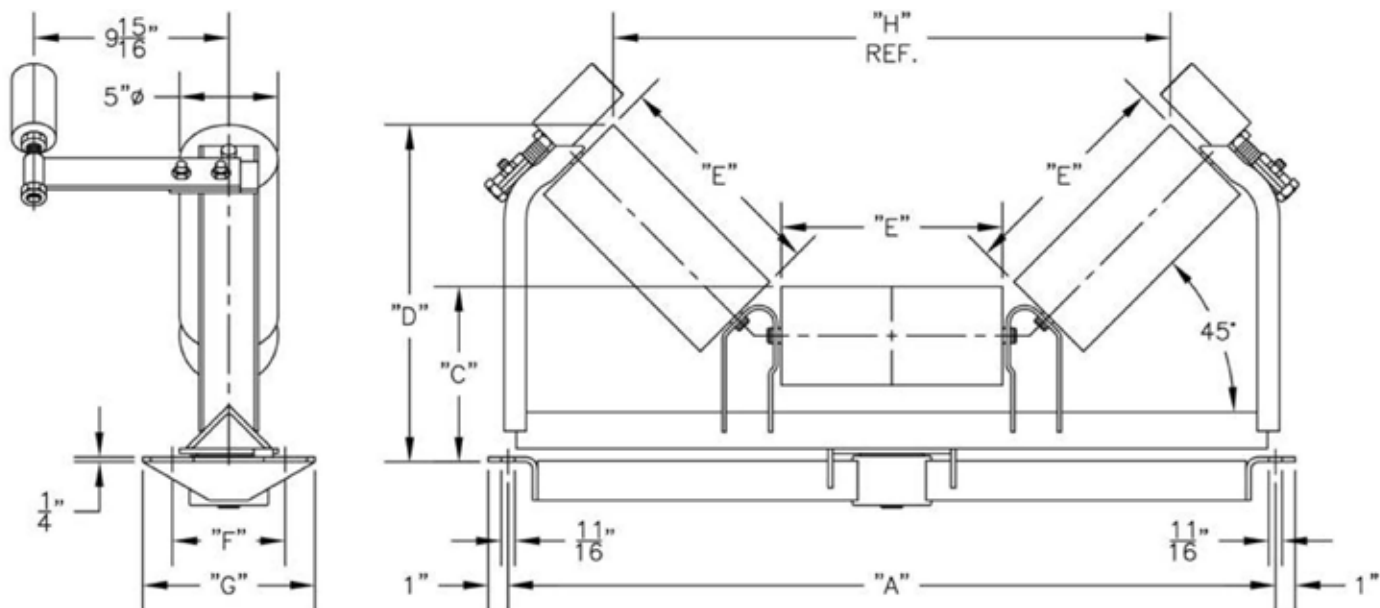
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 45°

In-line Training Idler Assembly

5" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
24"	602138	325335	33	8 7/8	15 11/16	9 1/4	5 1/4	7 3/4	23 1/2	83	-
30"	602139	325338	39	8 7/8	17 1/8	11 1/4	5 1/4	7 3/4	28 5/16	94	-
36"	602140	325339	45	8 15/16	18 9/16	13 1/4	5 1/4	7 3/4	33 1/8	106	-
42"	366402	325780	51	9 1/4	20 1/4	15 1/4	7 1/2	10	38	124	-
48"	366403	325781	57	9 1/4	21 11/16	17 1/4	7 1/2	10	42 13/16	132	-
54"	366404	325782	63	9 5/8	23 7/16	19 1/4	9	11 1/2	47 5/8	148	-
60"	366405	325783	69	9 5/8	24 7/8	21 1/4	9	11 1/2	52 7/16	160	-
72"	602251	325784	81	9 15/16	28 3/16	25 1/4	9	11 1/2	62 1/8	186	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

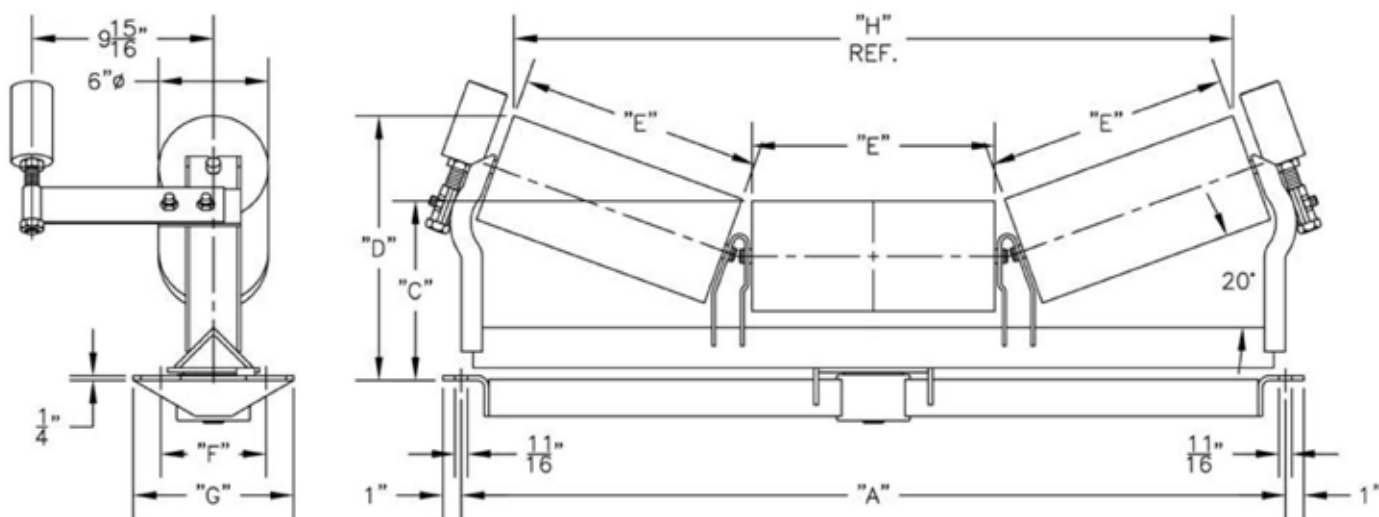
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 20°

In-line Training Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
24"	355144	325365	33	9 3/8	12 11/16	9 1/4	5 1/4	7 3/4	27 3/4	87	-
30"	355145	325366	39	9 3/8	13 5/16	11 1/4	5 1/4	7 3/4	33 1/2	100	-
36"	355146	325367	45	9 7/16	14	13 1/4	5 1/4	7 3/4	39 1/4	110	-
42"	366411	325812	51	9 3/4	15 1/16	15 1/4	7 1/2	10	45	129	-
48"	366412	325813	57	9 3/4	15 3/4	17 1/4	7 1/2	10	50 3/4	140	-
54"	366413	325814	63	10 1/8	16 13/16	19 1/4	9	11 1/2	56 1/2	156	-
60"	366414	325815	69	10 1/8	17 1/2	21 1/4	9	11 1/2	62 5/16	167	-
72"	602252	325816	81	10 7/16	19 5/16	25 1/4	9	11 1/2	73 13/16	198	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

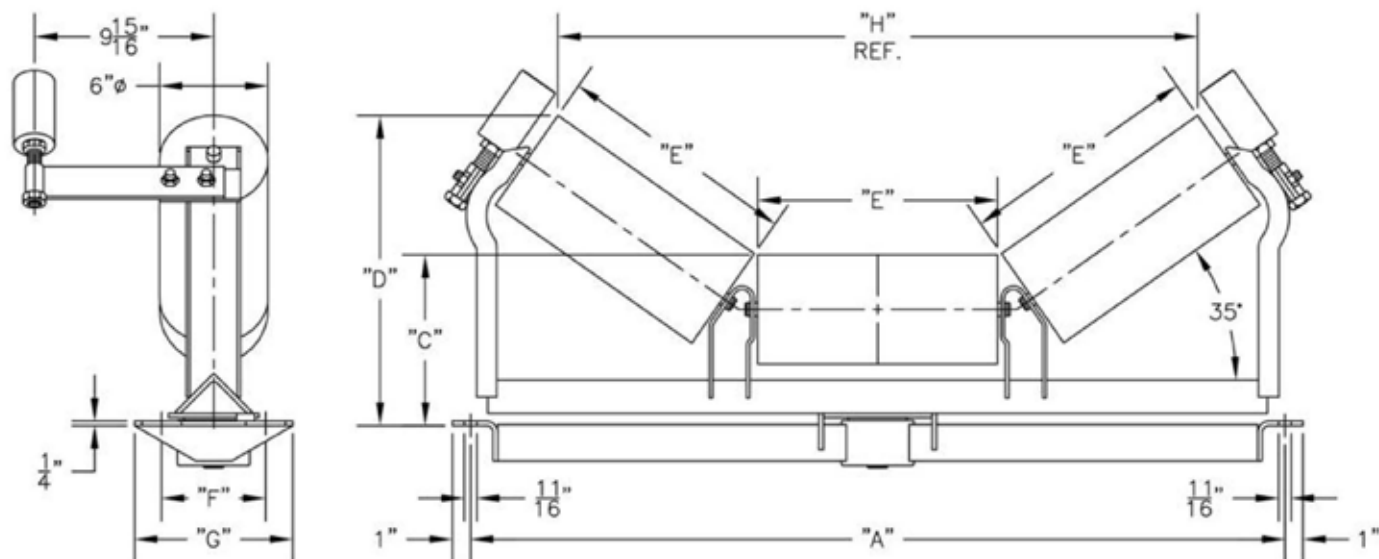
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 35°

In-line Training Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
24"	340849	325365	33	9 11/16	17 3/8	9 1/4	5 1/4	7 3/4	24 7/8	89	-
30"	340850	325366	39	9 11/16	18 1/2	11 1/4	5 1/4	7 3/4	30	102	-
36"	340851	325367	45	9 3/4	19 11/16	13 1/4	5 1/4	7 3/4	35 1/8	112	-
42"	337076	325812	51	9 3/4	18 3/16	15 1/4	7 1/2	10	40 11/16	131	-
48"	337077	325813	57	9 3/4	19 5/16	17 1/4	7 1/2	10	45 15/16	142	-
54"	337078	325814	63	10 1/8	20 13/16	19 1/4	9	11 1/2	51 3/16	159	-
60"	337079	325815	69	10 1/8	21 15/16	21 1/4	9	11 1/2	56 1/2	170	-
72"	355057	325816	81	10 7/16	24 5/8	25 1/4	9	11 1/2	67 1/16	201	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

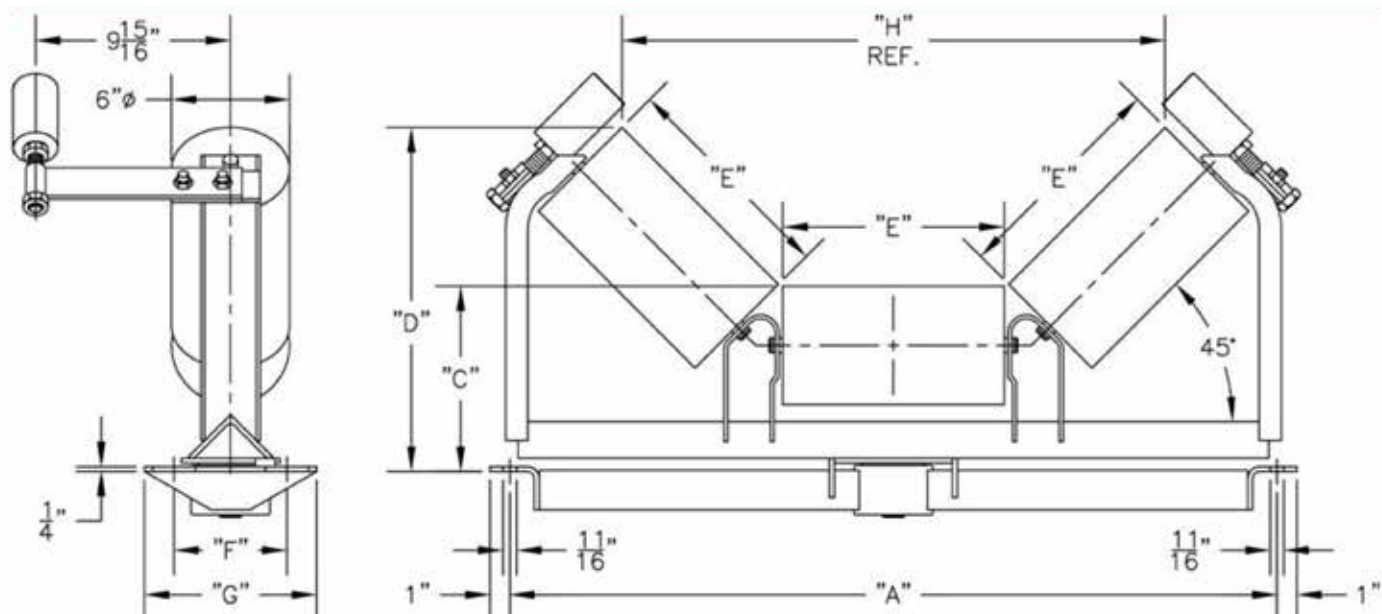
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 45°

In-line Training Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)					H	Weight (lbs)	List Price
					D	E	F	G				
24"	602141	325365	33	9 3/8	16 1/16	9 1/4	5 1/4	7 3/4	22 3/4	91	-	
30"	602142	325366	39	9 3/8	17 7/16	11 1/4	5 1/4	7 3/4	27 5/8	104	-	
36"	602143	325367	45	9 7/16	18 15/16	13 1/4	5 1/4	7 3/4	32 1/2	114	-	
42"	366425	325812	51	9 3/4	20 5/8	15 1/4	7 1/2	10	37 1/4	133	-	
48"	366426	325813	57	9 3/4	22 1/16	17 1/4	7 1/2	10	42 1/8	144	-	
54"	366427	325814	63	10 1/8	23 13/16	19 1/4	9	11 1/2	46 7/8	160	-	
60"	366428	325815	69	10 1/8	25 1/4	21 1/4	9	11 1/2	51 3/4	172	-	
72"	602253	325816	81	11	27 3/8	25 1/4	9	11 1/2	61 7/16	201	-	

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

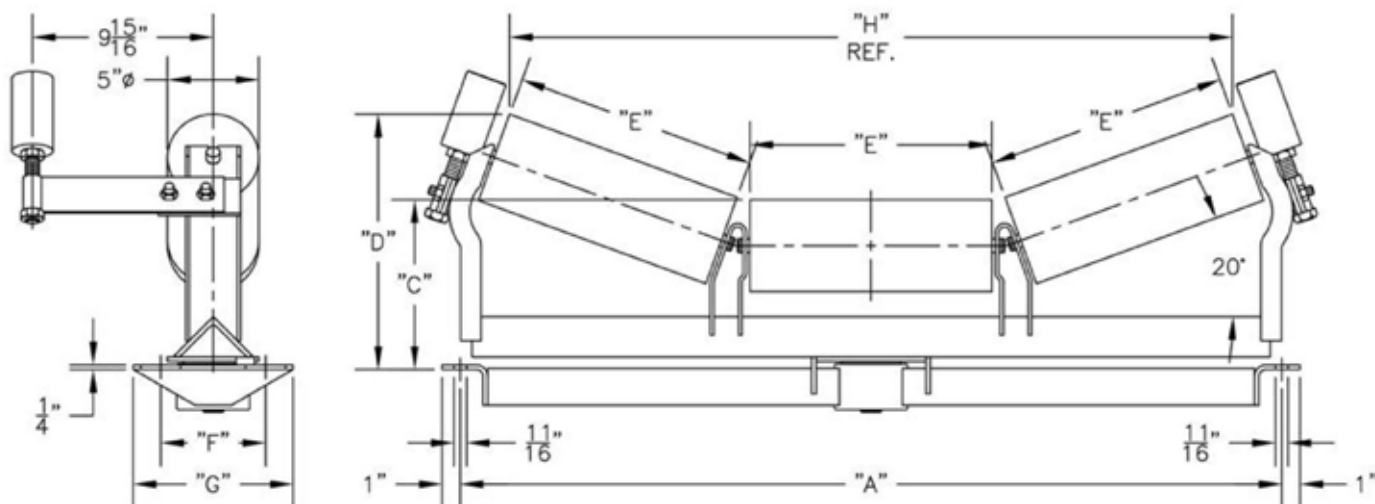
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 20°

In-line Training Idler Assembly

5" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
24"	354071	332987	33	8 7/8	12 1/4	9 1/4	5 1/4	7 3/4	28 1/16	-	-
30"	354072	332988	39	8 7/8	12 7/8	11 1/4	5 1/4	7 3/4	33 15/16	-	-
36"	354073	332989	45	8 15/16	13 5/8	13 1/4	5 1/4	7 3/4	39 5/8	-	-
42"	365854	333655	51	9 1/4	14 9/16	15 1/4	7 1/2	10	45 3/8	-	-
48"	365855	333656	57	9 1/4	15 1/4	17 1/4	7 1/2	10	51 1/8	-	-
54"	365856	333657	63	9 5/8	16 5/16	19 1/4	9	11 1/2	56 7/8	-	-
60"	365857	333658	69	9 5/8	17	21 1/4	9	11 1/2	62 5/8	-	-
72"	602069	333659	81	9 15/16	18 3/4	25 1/4	9	11 1/2	74 1/16	-	-

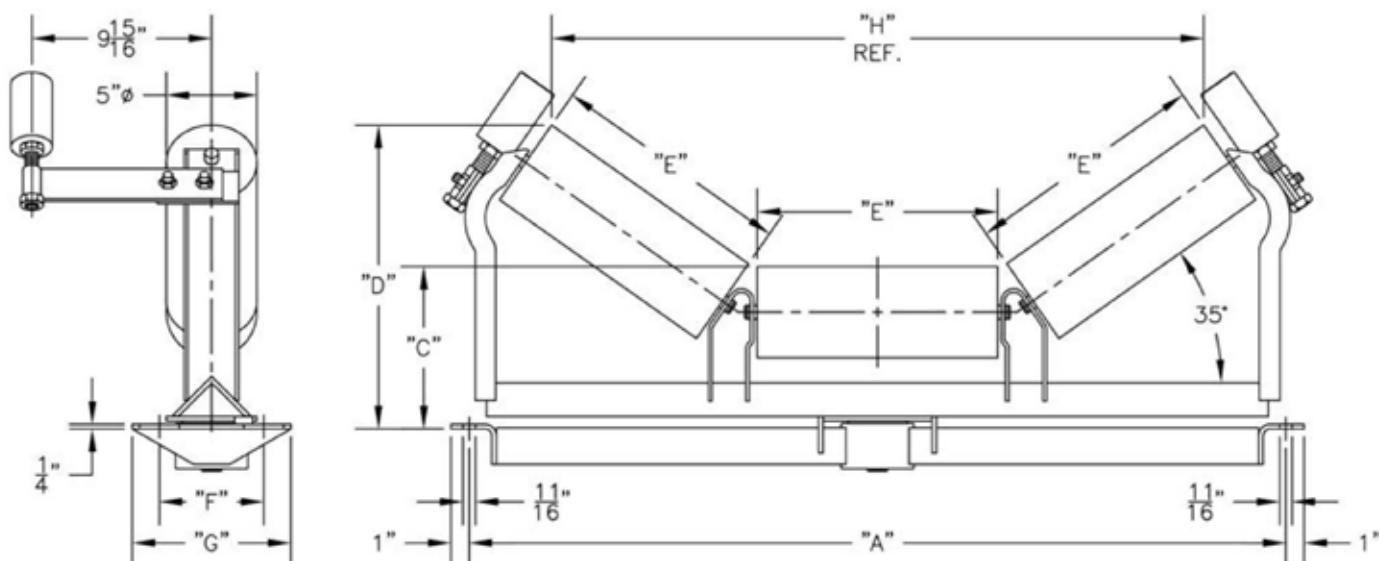
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 35°

In-line Training Idler Assembly

5" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
24"	354678	332987	33	9 3/16	14 11/16	9 1/4	5 1/4	7 3/4	25 3/8	-	-
30"	354679	332988	39	9 3/16	19 3/16	11 1/4	5 1/4	7 3/4	30 11/16	-	-
36"	354680	332989	45	9 1/4	16 15/16	13 1/4	5 1/4	7 3/4	35 15/16	-	-
42"	365859	333655	51	9 9/16	18 1/2	15 1/4	7 1/2	10	41 1/4	-	-
48"	365860	333656	57	9 9/16	19 5/8	17 1/4	7 1/2	10	46 1/2	-	-
54"	365861	333657	63	9 15/16	21 1/8	19 1/4	9	11 1/2	51 13/16	-	-
60"	365862	333658	69	9 15/16	22 1/4	21 1/4	9	11 1/2	57 1/16	-	-
72"	602070	333659	81	10 1/4	24 15/16	25 1/4	9	11 1/2	67 5/8	-	-

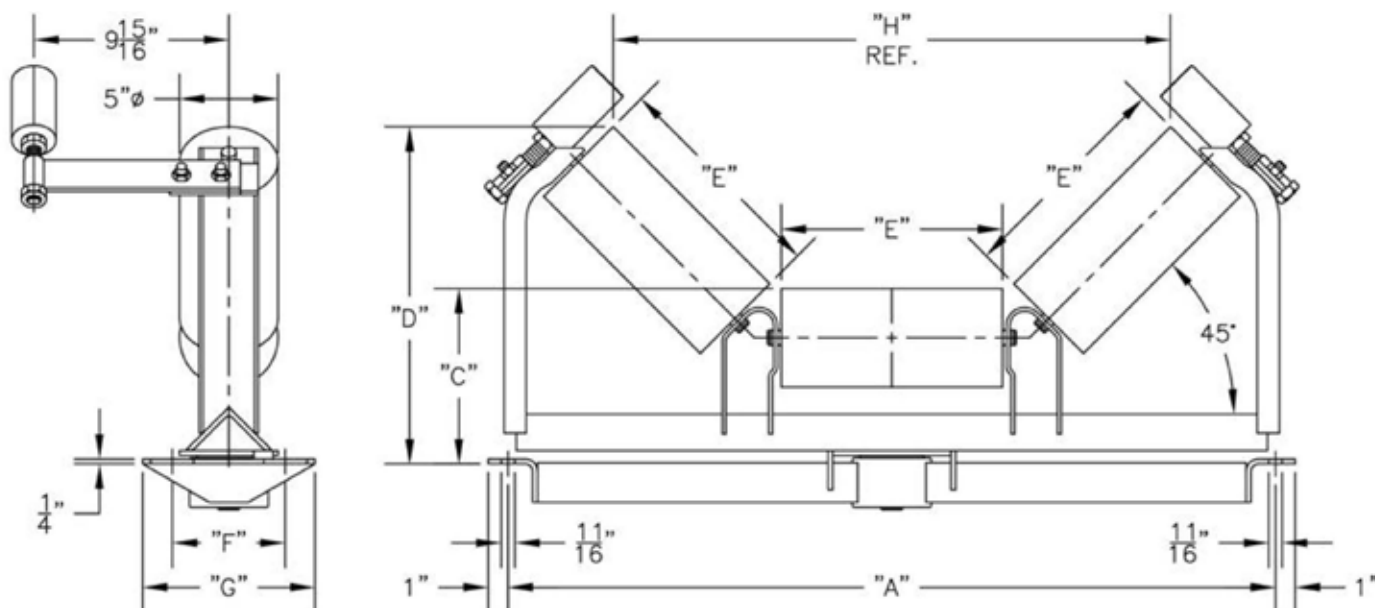
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 45°

In-line Training Idler Assembly

5" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
24"	602161	332987	33	8 7/8	15 11/16	9 1/4	5 1/4	7 3/4	23 1/2	-	-
30"	602162	332988	39	8 7/8	17 1/8	11 1/4	5 1/4	7 3/4	28 5/16	-	-
36"	602163	332989	45	8 15/16	18 9/16	13 1/4	5 1/4	7 3/4	33 1/8	-	-
42"	365893	333655	51	9 1/4	20 1/4	15 1/4	7 1/2	10	38	-	-
48"	365894	333656	57	9 1/4	21 11/16	17 1/4	7 1/2	10	42 13/16	-	-
54"	365895	333657	63	9 5/8	23 7/16	19 1/4	9	11 1/2	47 5/8	-	-
60"	365896	333658	69	9 5/8	24 7/8	21 1/4	9	11 1/2	52 7/16	-	-
72"	602256	333659	81	9 15/16	28 3/16	25 1/4	9	11 1/2	62 1/8	-	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

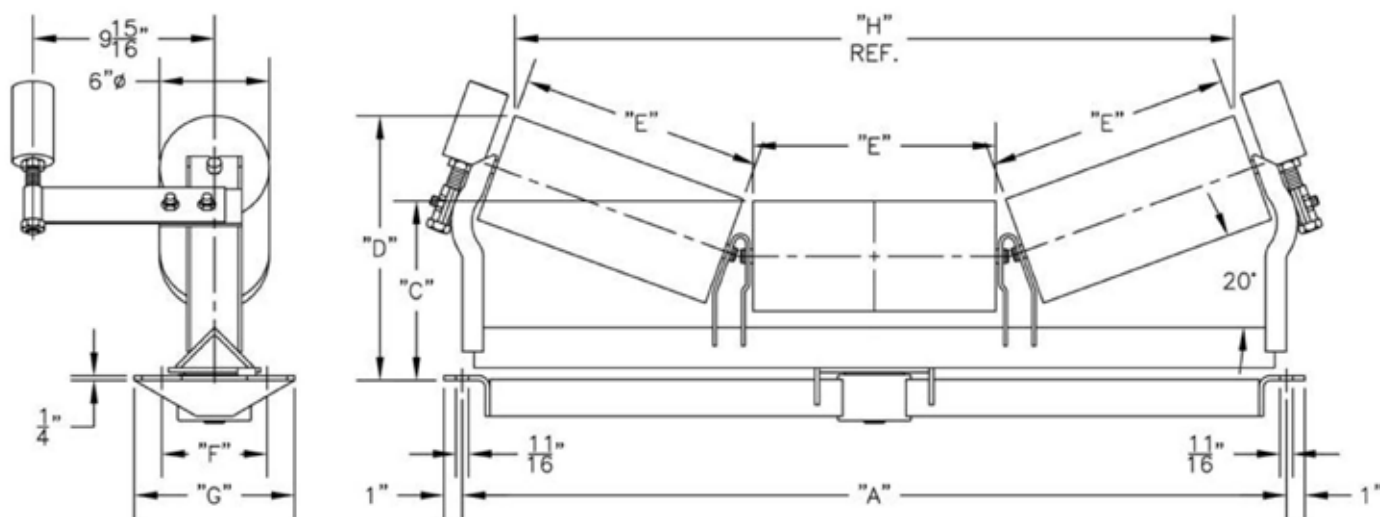
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 20°

In-line Training Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
24"	353943	332977	33	9 3/8	12 11/16	9 1/4	5 1/4	7 3/4	27 3/4	-	-
30"	353944	332978	39	9 3/8	13 5/16	11 1/4	5 1/4	7 3/4	33 1/2	-	-
36"	353945	332979	45	9 7/16	14	13 1/4	5 1/4	7 3/4	39 1/4	-	-
42"	366376	333662	51	9 3/4	15 1/16	15 1/4	7 1/2	10	45	-	-
48"	366377	333663	57	9 3/4	15 3/4	17 1/4	7 1/2	10	50 3/4	-	-
54"	366378	333664	63	10 1/8	16 13/16	19 1/4	9	11 1/2	56 1/2	-	-
60"	366379	333665	69	10 1/8	17 1/2	21 1/4	9	11 1/2	62 5/16	-	-
72"	602257	333666	81	10 7/16	19 5/16	25 1/4	9	11 1/2	73 13/16	-	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

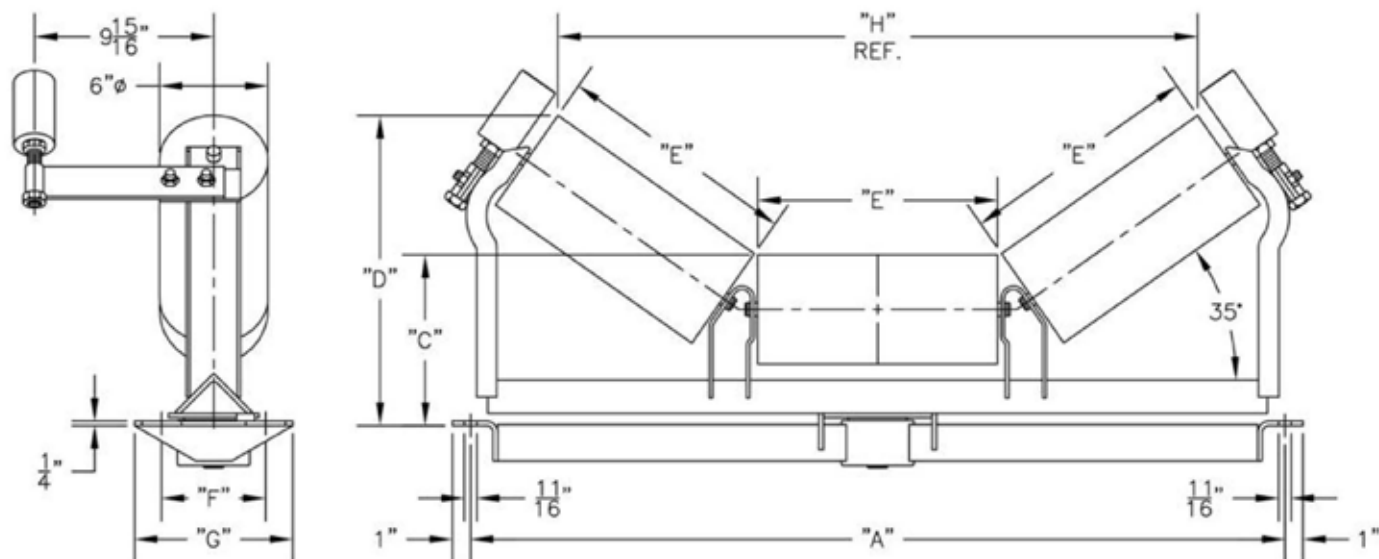
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 35°

In-line Training Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
24"	343229	332977	33	9 11/16	17 3/8	9 1/4	5 1/4	7 3/4	24 7/8	-	-
30"	343230	332978	39	9 11/16	18 1/2	11 1/4	5 1/4	7 3/4	30	-	-
36"	343231	332979	45	9 3/4	19 11/16	13 1/4	5 1/4	7 3/4	35 1/8	-	-
42"	337037	333662	51	9 3/4	18 3/16	15 1/4	7 1/2	10	40 11/16	-	-
48"	337038	333663	57	9 3/4	19 5/16	17 1/4	7 1/2	10	45 15/16	-	-
54"	337039	333664	63	10 1/8	20 13/16	19 1/4	9	11 1/2	51 3/16	-	-
60"	337040	333665	69	10 1/8	21 15/16	21 1/4	9	11 1/2	56 1/2	-	-
72"	337041	333666	81	10 7/16	24 5/8	25 1/4	9	11 1/2	67 1/16	-	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

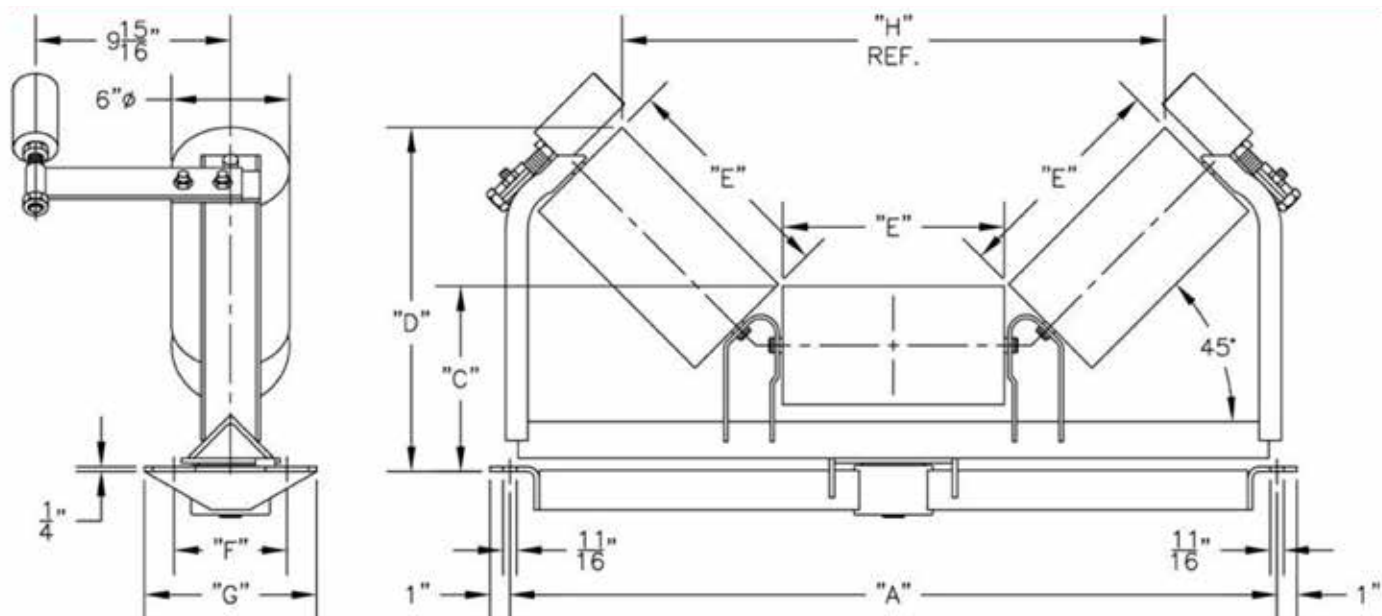
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 45°

In-line Training Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
24"	602164	332977	33	9 3/8	16 1/16	9 1/4	5 1/4	7 3/4	22 3/4	-	-
30"	602165	332978	39	9 3/8	17 7/16	11 1/4	5 1/4	7 3/4	27 5/8	-	-
36"	602166	332979	45	9 7/16	18 15/16	13 1/4	5 1/4	7 3/4	32 1/2	-	-
42"	366382	333662	51	9 3/4	20 5/8	15 1/4	7 1/2	10	37 1/4	-	-
48"	366383	333663	57	9 3/4	22 1/16	17 1/4	7 1/2	10	42 1/8	-	-
54"	366384	333664	63	10 1/8	23 13/16	19 1/4	9	11 1/2	46 7/8	-	-
60"	366385	333665	69	10 1/8	25 1/4	21 1/4	9	11 1/2	51 3/4	-	-
72"	602258	333666	81	11	27 3/8	25 1/4	9	11 1/2	61 7/16	-	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

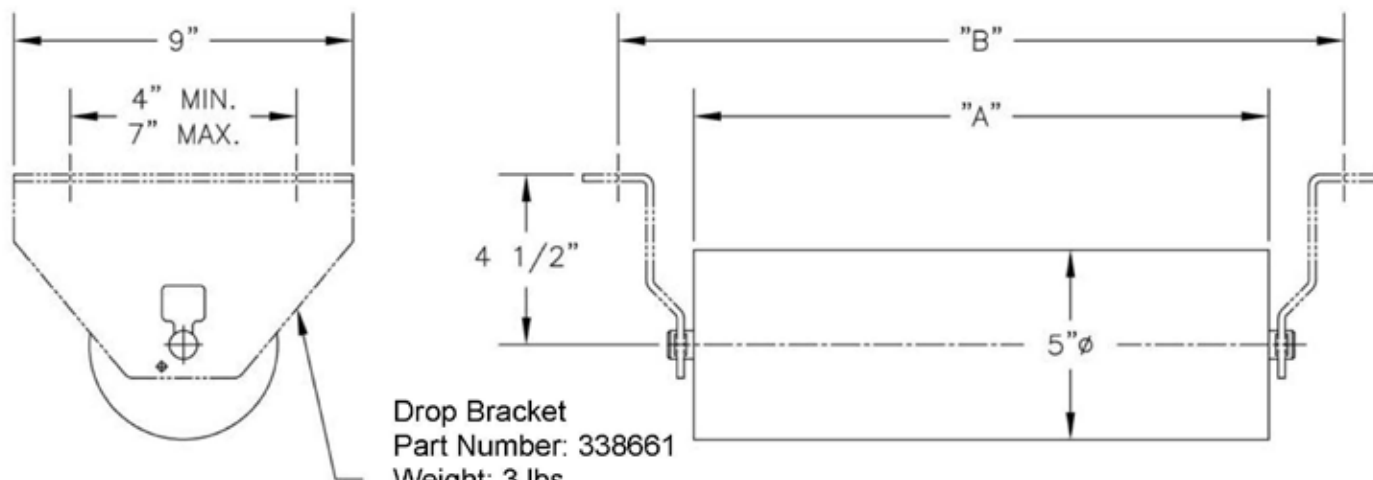
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Return Idler Assembly

5" Diameter Steel Roll



Drop Bracket
Part Number: 338661
Weight: 3 lbs.
List Price:
Sold separately from return roll.

Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
24"	602259	29	33	-	-
30"	602260	35	39	-	-
36"	366463	41	45	47	-
42"	325785	47	51	53	-
48"	325786	53	57	54	-
54"	325787	59	63	62	-
60"	325788	65	69	71	-
72 "	347977	77	81	83	-

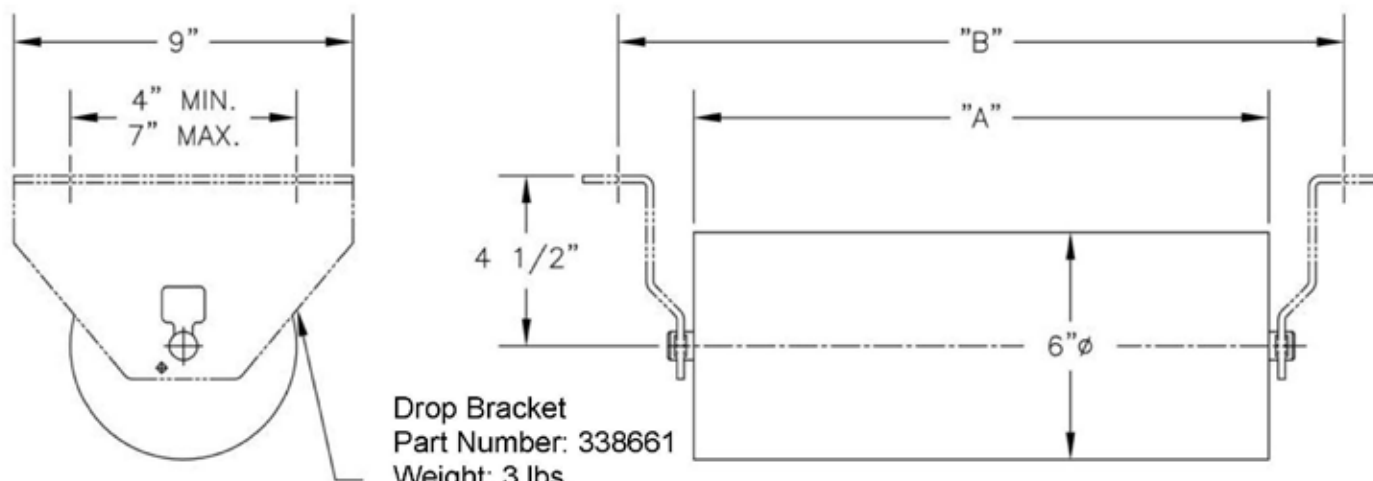
All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Return Idler Assembly

6" Diameter Steel Roll



Drop Bracket
Part Number: 338661
Weight: 3 lbs.
List Price:
Sold separately from return roll.

Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
24"	602261	29	33	-	-
30"	602262	35	39	-	-
36"	602263	41	45	-	-
42"	325817	47	51	66	-
48"	325818	53	57	69	-
54"	325819	59	63	79	-
60"	325820	65	69	90	-
72 "	347974	77	81	105	-

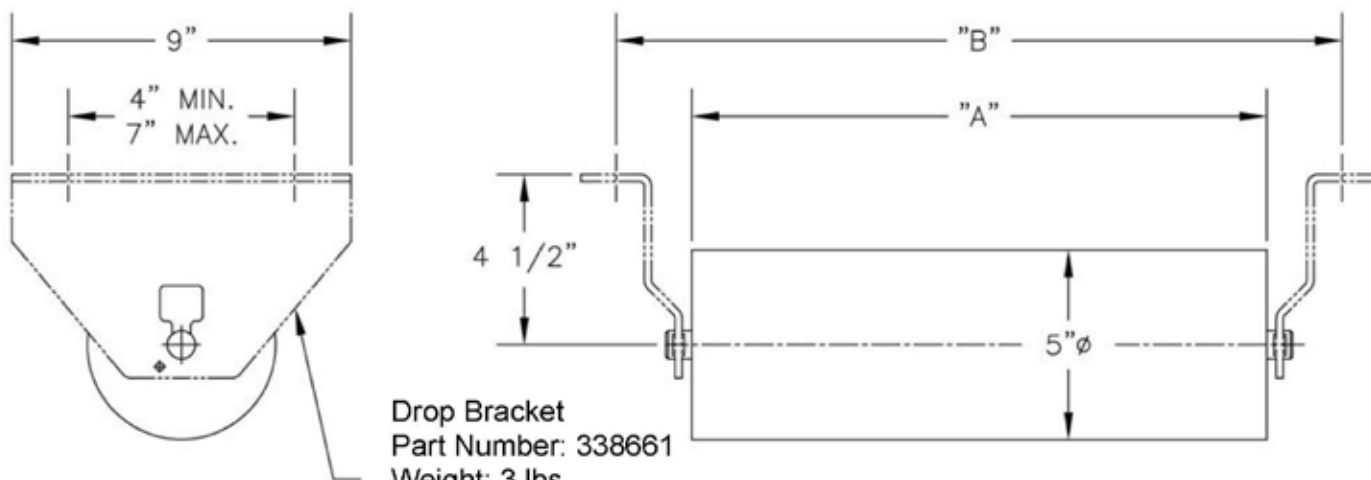
All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Return Idler Assembly

5" Diameter EXALON Roll



Drop Bracket
Part Number: 338661
Weight: 3 lbs.
List Price:
Sold separately from return roll.

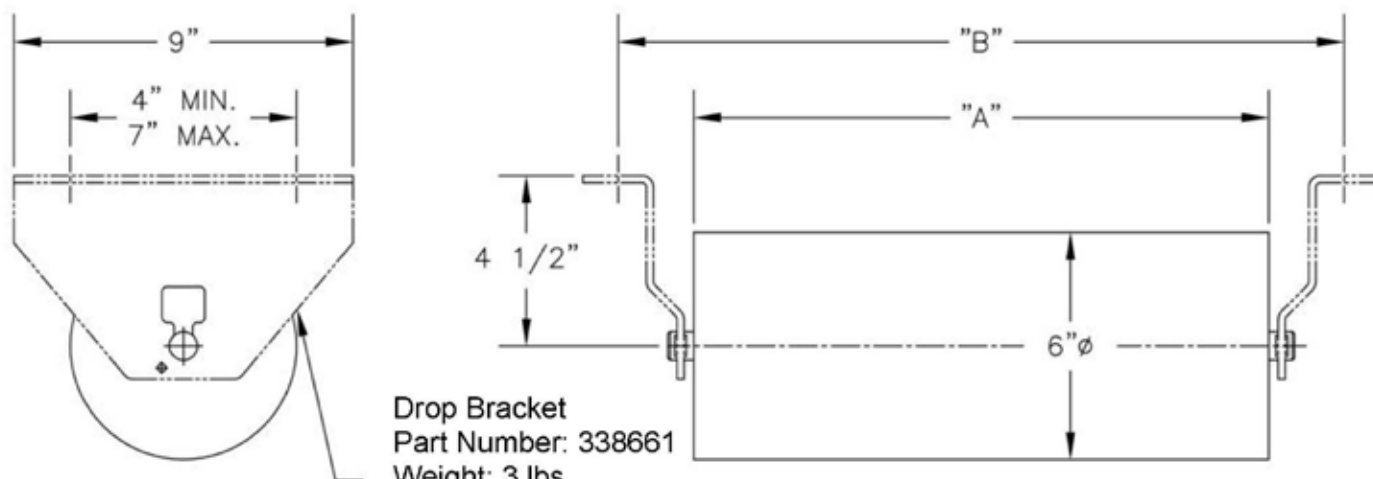
Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
24"	602264	29	33	-	-
30"	602265	35	39	-	-
36"	602266	41	45	-	-
42"	333667	47	51	51	-
48"	333668	53	57	57	-
54"	333671	59	63	64	-
60"	333672	65	69	70	-
72 "	347996	77	81	82	-

All dimensions are subject to change without notice. Certified prints are available upon request.
*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Return Idler Assembly

6" Diameter EXALON Roll



Drop Bracket
Part Number: 338661
Weight: 3 lbs.
List Price:
Sold separately from return roll.

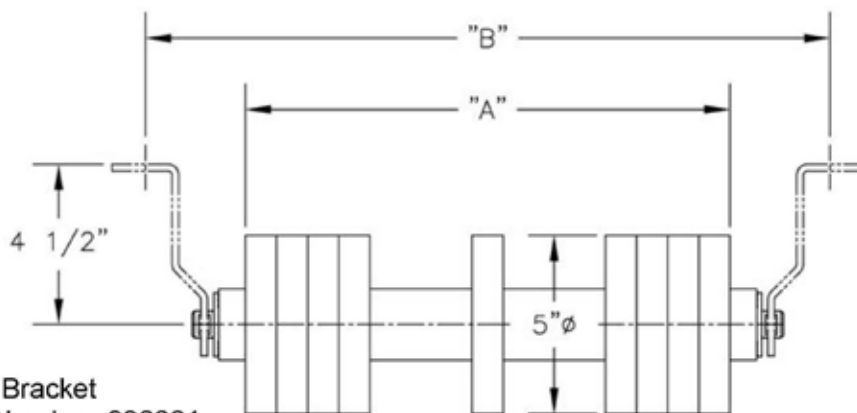
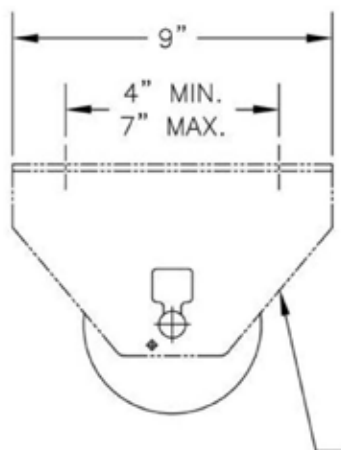
Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
24"	602267	29	33	-	-
30"	602268	35	39	-	-
36"	602269	41	45	-	-
42"	333669	47	51	56	-
48"	333670	53	57	62	-
54"	333675	59	63	71	-
60"	333676	65	69	77	-
72 "	347994	77	81	93	-

All dimensions are subject to change without notice. Certified prints are available upon request.
*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Return Idler Assembly

5" Diameter Rubber Disc Roll



Drop Bracket
Part Number: 338661
Weight: 3 lbs.
List Price:
Sold separately from return roll.

*Number of discs in picture are for representation purposes only.
All inner discs are evenly spaced and quantities vary between belt widths.*

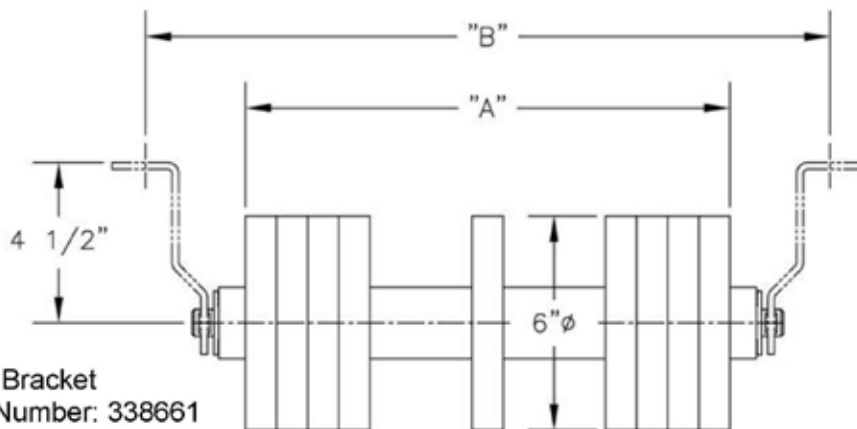
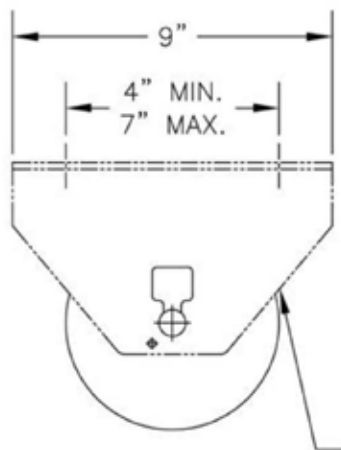
Belt Width	Part Number	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
24"	343259	27 3/8	33	29	-
30"	343262	33 3/8	39	33	-
36"	343263	39 3/8	45	38	-
42"	346160	45 3/8	51	43	-
48"	346161	51 3/8	57	48	-
54"	346162	57 3/8	63	53	-
60"	346163	63 3/8	69	59	-
72"	348031	75 3/8	81	69	-

*All dimensions are subject to change without notice. Certified prints are available upon request.
Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Return Idler Assembly

6" Diameter Rubber Disc Roll



Drop Bracket
Part Number: 338661
Weight: 3 lbs.
List Price:
Sold separately from return roll.

*Number of discs in picture are for representation purposes only.
All inner discs are evenly spaced and quantities vary between belt widths.*

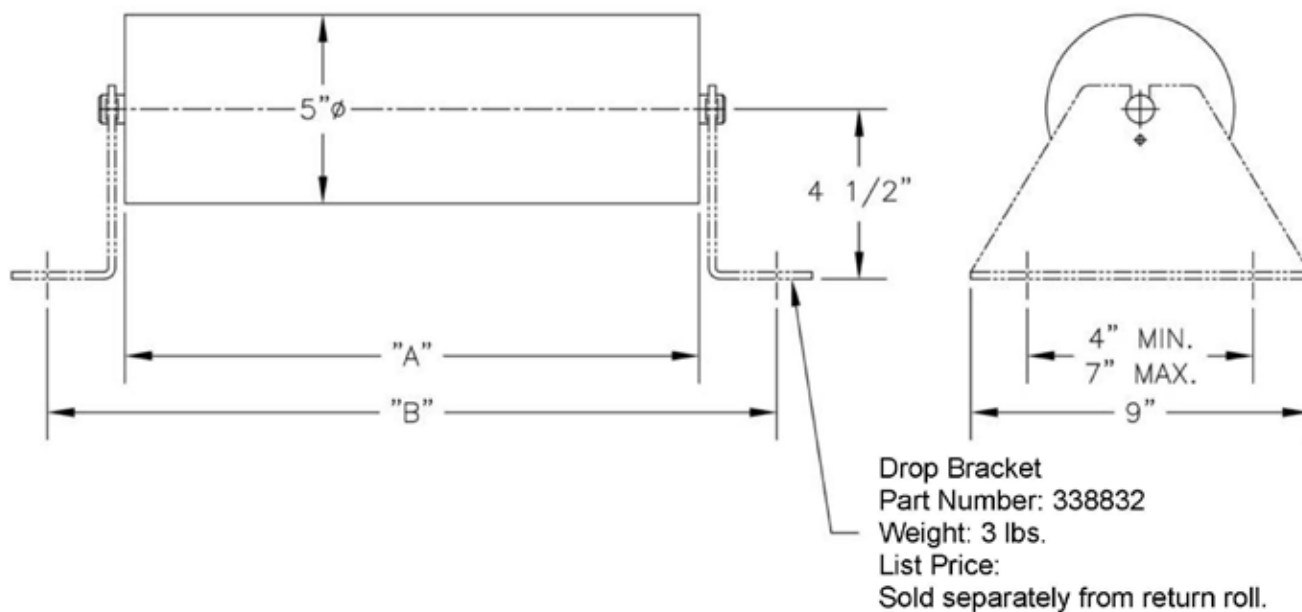
Belt Width	Part Number	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
24"	344701	27 3/8	33	30	-
30"	344702	33 3/8	39	34	-
36"	344703	39 3/8	45	39	-
42"	346153	45 3/8	51	45	-
48"	346154	51 3/8	57	50	-
54"	346155	57 3/8	63	55	-
60"	346156	63 3/8	69	61	-
72"	348033	75 3/8	81	71	-

*All dimensions are subject to change without notice. Certified prints are available upon request.
Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Flat Belt Idler Assembly

5" Diameter Steel Roll



Belt Width	Part Number	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
24"	602259	29	33	-	-
30"	602260	35	39	-	-
36"	366463	41	45	47	-
42"	325785	47	51	53	-
48"	325786	53	57	54	-
54"	325787	59	63	62	-
60"	325788	65	69	71	-
72"	347977	77	81	83	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

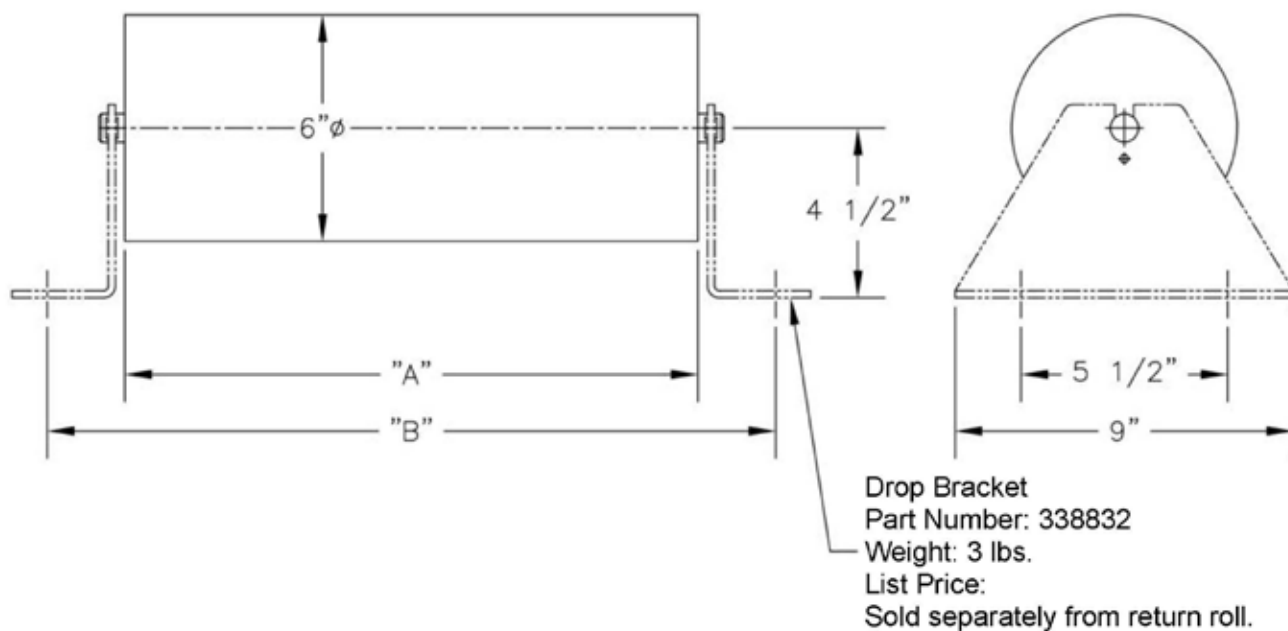
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Flat Belt Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
24"	602261	29	33	-	-
30"	602262	35	39	-	-
36"	602263	41	45	-	-
42"	325817	47	51	66	-
48"	325818	53	57	69	-
54"	325819	59	63	79	-
60"	325820	65	69	90	-
72"	347974	77	81	105	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

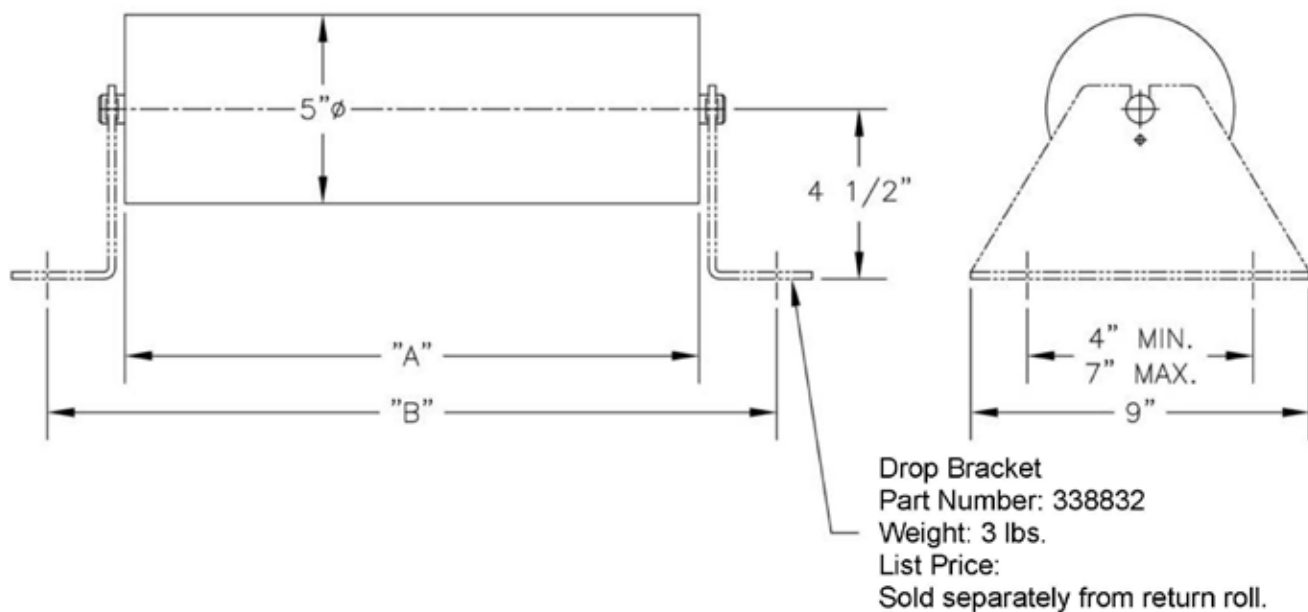
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Flat Belt Idler Assembly

5" Diameter EXALON Roll



Belt Width	Part Number	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
24"	602264	29	33	-	-
30"	602265	35	39	-	-
36"	602266	41	45	-	-
42"	333667	47	51	51	-
48"	333668	53	57	57	-
54"	333671	59	63	64	-
60"	333672	65	69	70	-
72"	347996	77	81	82	-

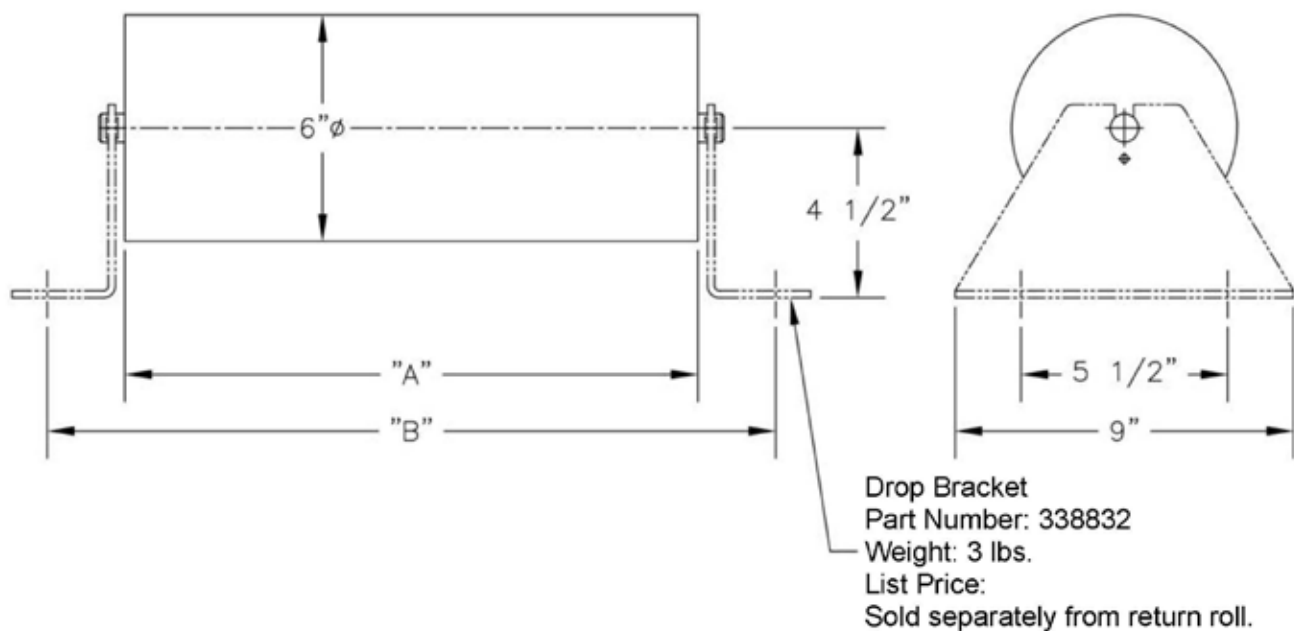
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Flat Belt Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
24"	602267	29	33	-	-
30"	602268	35	39	-	-
36"	602269	41	45	-	-
42"	333669	47	51	56	-
48"	333670	53	57	62	-
54"	333675	59	63	71	-
60"	333676	65	69	77	-
72"	347994	77	81	93	-

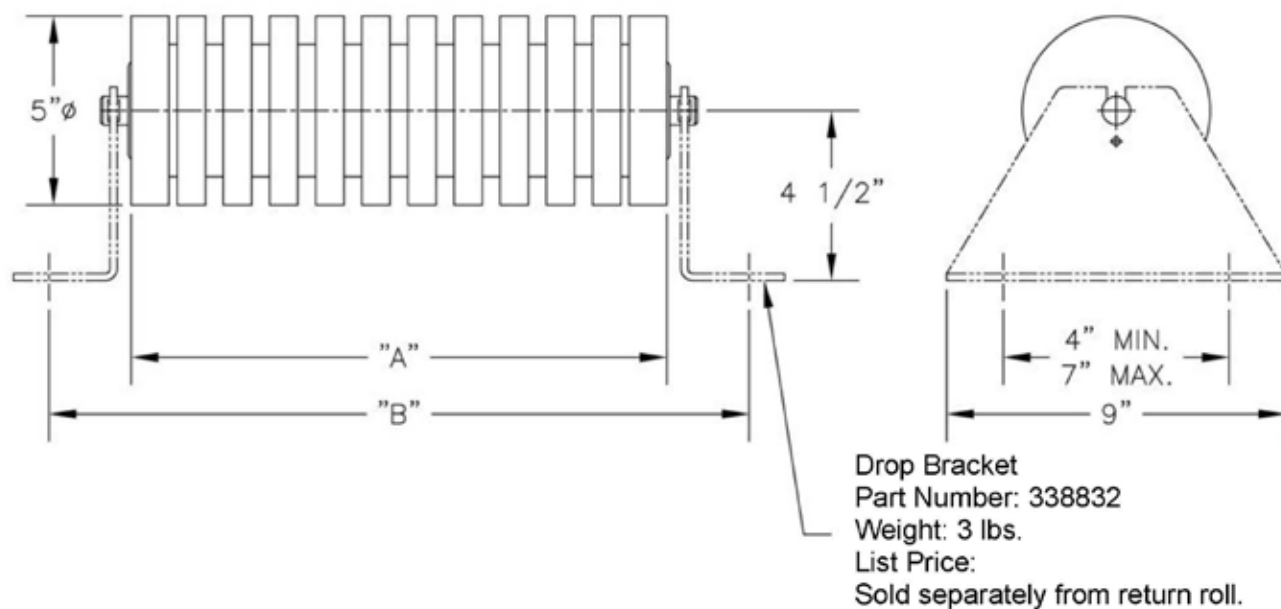
All dimensions are subject to change without notice. Certified prints are available upon request.

**Note: CEMA D replacement roll pricing and dimensional data begins on page 151.*

CEMA D

Flat Belt Idler Assembly

5" Diameter Impact Roll



Belt Width	Part Number	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
24"	602276	29	33	-	-
30"	602277	35	39	-	-
36"	602278	41	45	-	-
42"	348966	47	51	-	-
48"	602280	53	57	-	-
54"	602281	59	63	-	-
60"	602282	65	69	-	-

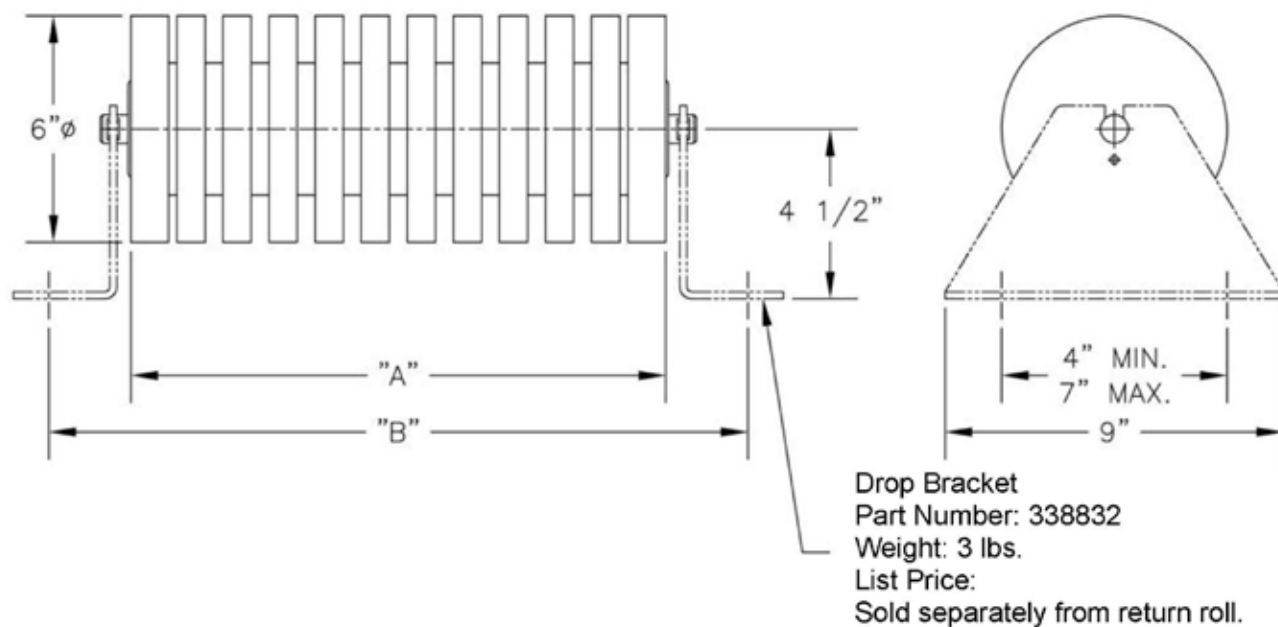
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Flat Belt Idler Assembly

6" Diameter Impact Roll



Belt Width	Part Number	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
24"	602283	29	33	-	-
30"	602284	35	39	-	-
36"	602285	41	45	-	-
42"	602118	47	51	-	-
48"	375570	53	57	-	-
54"	350400	59	63	-	-
60"	602119	65	69	-	-

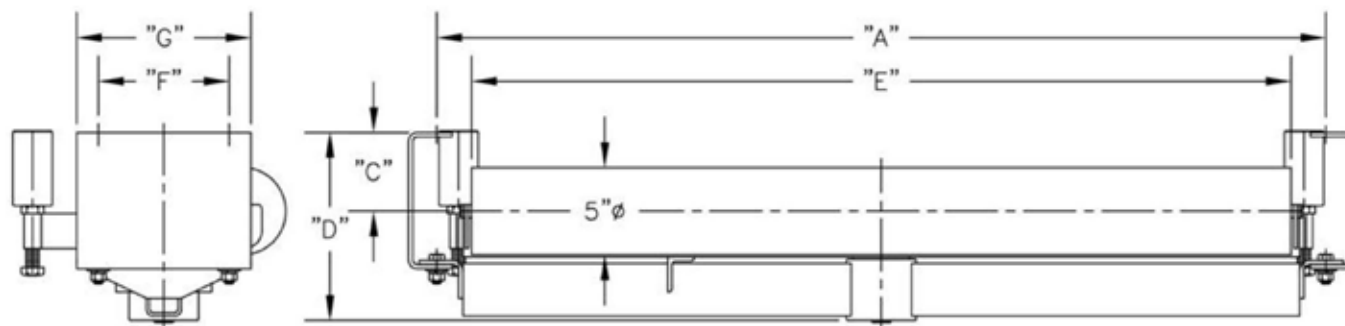
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Return Training Idler Assembly

5" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)				Weight (lbs)	List Price
					D	E	F	G		
24"	602290	602259	33	4 1/2	9 3/4	29	5 1/4	7 3/4	-	-
30"	602291	602260	39	4 1/2	9 3/4	35	5 1/4	7 3/4	-	-
36"	366525	366463	45	4 1/2	9 3/4	41	5 1/4	7 3/4	-	-
42"	337486	325785	51	4 1/2	10 3/4	47	7 1/2	10	117	-
48"	337487	325786	57	4 1/2	10 3/4	53	7 1/2	10	122	-
54"	337488	325787	63	4 1/2	10 3/4	59	9	11 1/2	136	-
60"	337489	325788	69	4 1/2	10 3/4	65	9	11 1/2	149	-
72"	355192	347977	81	4 1/2	10 3/4	77	9	11 1/2	169	-

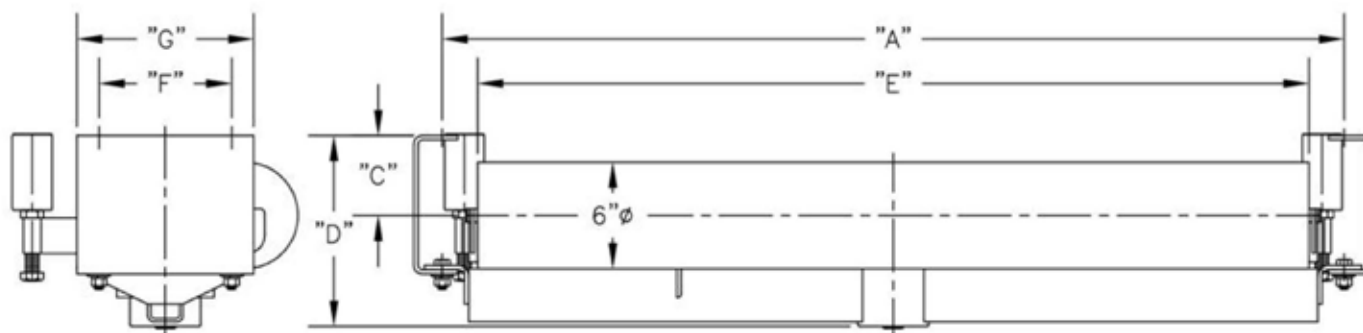
All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Return Training Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)				Weight (lbs)	List Price
					D	E	F	G		
24"	602293	602261	33	4 1/2	9 3/4	29	5 1/4	7 3/4	-	-
30"	602294	602262	39	4 1/2	9 3/4	35	5 1/4	7 3/4	-	-
36"	602295	602263	45	4 1/2	9 3/4	41	5 1/4	7 3/4	-	-
42"	337283	325817	51	4 1/2	10 3/4	47	7 1/2	10	125	-
48"	337284	325818	57	4 1/2	10 3/4	53	7 1/2	10	136	-
54"	337285	325819	63	4 1/2	10 3/4	59	9	11 1/2	149	-
60"	337286	325820	69	4 1/2	10 3/4	65	9	11 1/2	160	-
72"	355243	347974	81	4 1/2	10 3/4	77	9	11 1/2	182	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

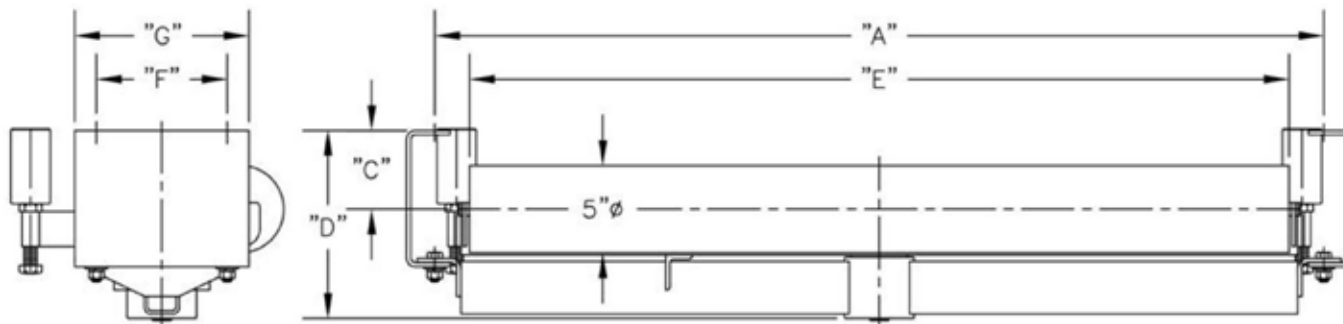
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Return Training Idler Assembly

5" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)				Weight (lbs)	List Price
					D	E	F	G		
24"	602296	602264	33	4 1/2	9 3/4	29	5 1/4	7 3/4	-	-
30"	602297	602265	39	4 1/2	9 3/4	35	5 1/4	7 3/4	-	-
36"	602298	602266	45	4 1/2	9 3/4	41	5 1/4	7 3/4	-	-
42"	337526	333667	51	4 1/2	10 3/4	47	7 1/2	10	-	-
48"	337527	333668	57	4 1/2	10 3/4	53	7 1/2	10	-	-
54"	337528	333671	63	4 1/2	10 3/4	59	9	11 1/2	-	-
60"	337529	333672	69	4 1/2	10 3/4	65	9	11 1/2	-	-
72"	602299	347996	81	4 1/2	10 3/4	77	9	11 1/2	-	-

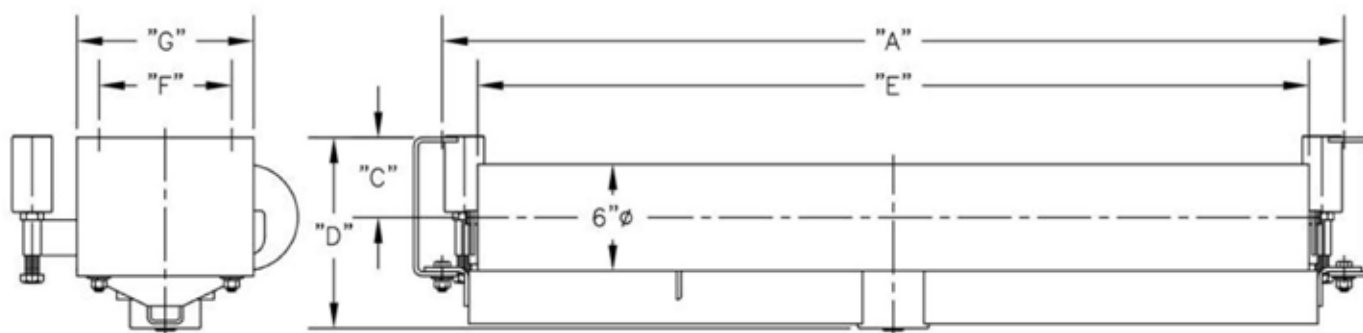
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Return Training Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	Weight (lbs)	List Price
24"	602300	602297	33	4 1/2	9 3/4	29	5 1/4	7 3/4	-	-
30"	602301	602268	39	4 1/2	9 3/4	35	5 1/4	7 3/4	-	-
36"	602302	602269	45	4 1/2	9 3/4	41	5 1/4	7 3/4	-	-
42"	337402	333669	51	4 1/2	10 3/4	47	7 1/2	10	-	-
48"	337403	333670	57	4 1/2	10 3/4	53	7 1/2	10	-	-
54"	337405	333675	63	4 1/2	10 3/4	59	9	11 1/2	-	-
60"	337406	333676	69	4 1/2	10 3/4	65	9	11 1/2	-	-
72"	602303	347994	81	4 1/2	10 3/4	77	9	11 1/2	-	-

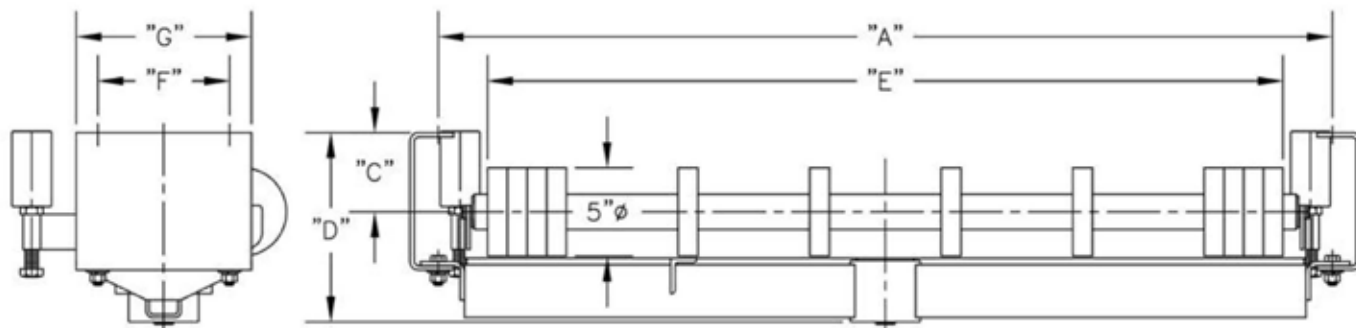
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Return Training Idler Assembly

5" Diameter Rubber Disc Roll



*Number of discs in picture are for representation purposes only.
All inner discs are evenly spaced and quantities vary between belt widths.*

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	F	G		
24"	602304	343259	33	4 1/2	9 3/4	27 3/8	5 1/4	7 3/4	-	-
30"	602305	343262	39	4 1/2	9 3/4	33 3/8	5 1/4	7 3/4	-	-
36"	602306	343263	45	4 1/2	9 3/4	39 3/8	5 1/4	7 3/4	-	-
42"	348046	346160	51	4 1/2	10 3/4	45 3/8	7 1/2	10	-	-
48"	348047	346161	57	4 1/2	10 3/4	51 3/8	7 1/2	10	-	-
54"	348048	346162	63	4 1/2	10 3/4	57 3/8	9	11 1/2	-	-
60"	348049	346163	69	4 1/2	10 3/4	63 3/8	9	11 1/2	-	-
72"	348050	348031	81	4 1/2	10 3/4	75 3/8	9	11 1/2	-	-

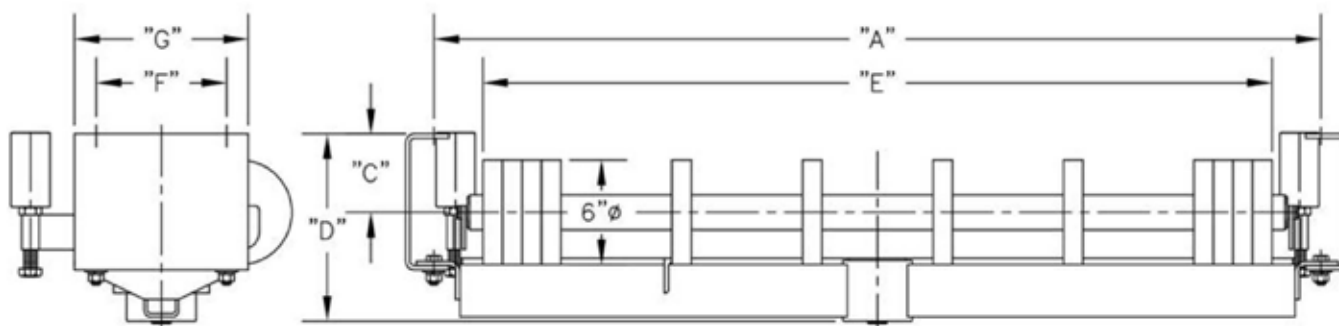
All dimensions are subject to change without notice. Certified prints are available upon request.

**Note: CEMA D replacement roll pricing and dimensional data begins on page 151.*

CEMA D

Return Training Idler Assembly

6" Diameter Rubber Disc Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)				Weight (lbs)	List Price
					D	E	F	G		
24"	602307	344701	33	4 1/2	9 3/4	27 3/8	5 1/4	7 3/4	-	-
30"	602308	344702	39	4 1/2	9 3/4	33 3/8	5 1/4	7 3/4	-	-
36"	602309	344703	45	4 1/2	9 3/4	39 3/8	5 1/4	7 3/4	-	-
42"	348035	346153	51	4 1/2	10 3/4	45 3/8	7 1/2	10	-	-
48"	348036	346154	57	4 1/2	10 3/4	51 3/8	7 1/2	10	-	-
54"	348037	346155	63	4 1/2	10 3/4	57 3/8	9	11 1/2	-	-
60"	348038	346156	69	4 1/2	10 3/4	63 3/8	9	11 1/2	-	-
72"	348039	348033	81	4 1/2	10 3/4	75 3/8	9	11 1/2	-	-

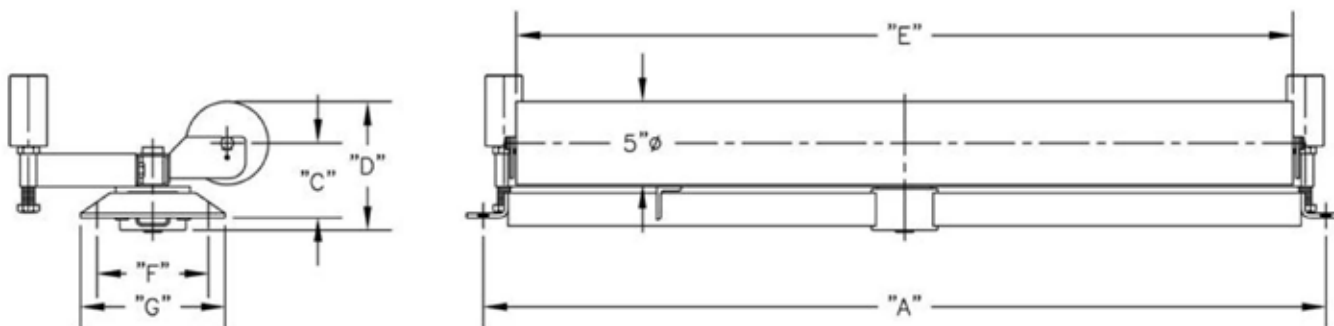
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Flat Belt Training Idler Assembly

5" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		D	E	F	G	Weight (lbs)	List Price
24"	602310		33	4 1/2	9 3/4	29	5 1/4	7 3/4	-	-	-	-
30"	602311	602260	39	4 1/2	9 3/4	35	5 1/4	7 3/4	-	-	-	-
36"	602312	366463	45	4 1/2	9 3/4	41	5 1/4	7 3/4	-	-	-	-
42"	602313	325785	51	4 1/2	10 3/4	47	7 1/2	10	-	-	-	-
48"	602314	325786	57	4 1/2	10 3/4	53	7 1/2	10	-	-	-	-
54"	602315	325787	63	4 1/2	10 3/4	59	9	11 1/2	-	-	-	-
60"	602316	325788	69	4 1/2	10 3/4	65	9	11 1/2	-	-	-	-
72"	602317	347977	81	4 1/2	10 3/4	77	9	11 1/2	-	-	-	-

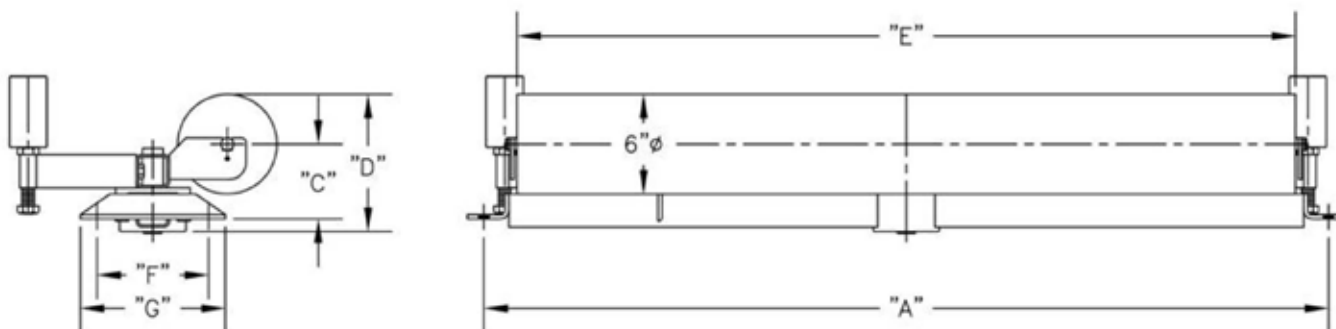
All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Flat Belt Training Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		D	E	F	G	Weight (lbs)	List Price
24"	602318	602261	33	4 1/2	8 1/4	29	5 1/4	7 3/4	-	-	-	-
30"	602319	602262	39	4 1/2	8 1/4	35	5 1/4	7 3/4	-	-	-	-
36"	602320	602263	45	4 1/2	8 1/4	41	5 1/4	7 3/4	-	-	-	-
42"	602321	325817	51	4 1/2	8 1/4	47	5 1/4	7 3/4	-	-	-	-
48"	602322	325818	57	4 1/2	8 1/4	53	5 1/4	7 3/4	-	-	-	-
54"	602323	325819	63	4 1/2	8 1/4	59	5 1/4	7 3/4	-	-	-	-
60"	602324	325820	69	4 1/2	8 1/4	65	5 1/4	7 3/4	-	-	-	-
72"	602325	347974	81	4 1/2	8 1/4	77	5 1/4	7 3/4	-	-	-	-

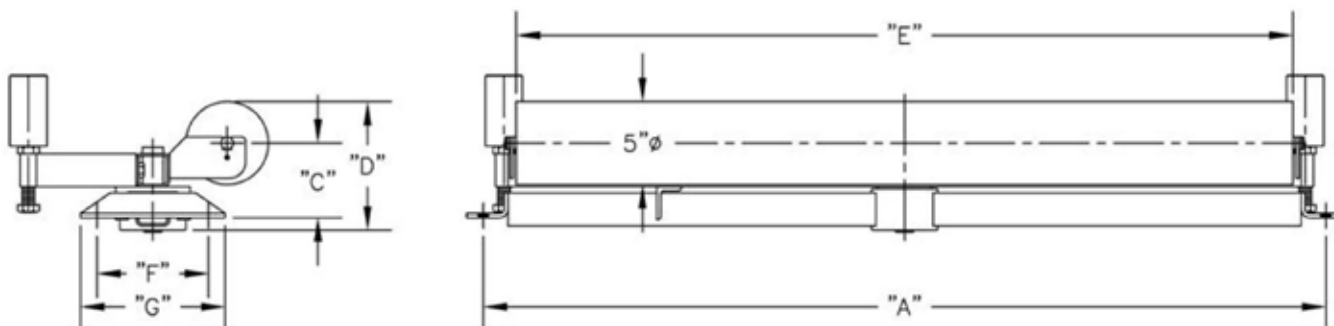
All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Flat Belt Training Idler Assembly

5" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)				Weight (lbs)	List Price
D					D	E	F	G		
24"	602326	602264	33	4 1/2	7 3/4	29	5 1/4	7 3/4	-	-
30"	602327	602265	39	4 1/2	7 3/4	35	5 1/4	7 3/4	-	-
36"	602328	602266	45	4 1/2	7 3/4	41	5 1/4	7 3/4	-	-
42"	360541	333667	51	4 1/2	7 3/4	47	5 1/4	7 3/4	-	-
48"	360542	333668	57	4 1/2	7 3/4	53	5 1/4	7 3/4	-	-
54"	360543	333671	63	4 1/2	7 3/4	59	5 1/4	7 3/4	-	-
60"	360544	333672	69	4 1/2	7 3/4	65	5 1/4	7 3/4	-	-
72"	360545	347996	81	4 1/2	7 3/4	77	5 1/4	7 3/4	-	-

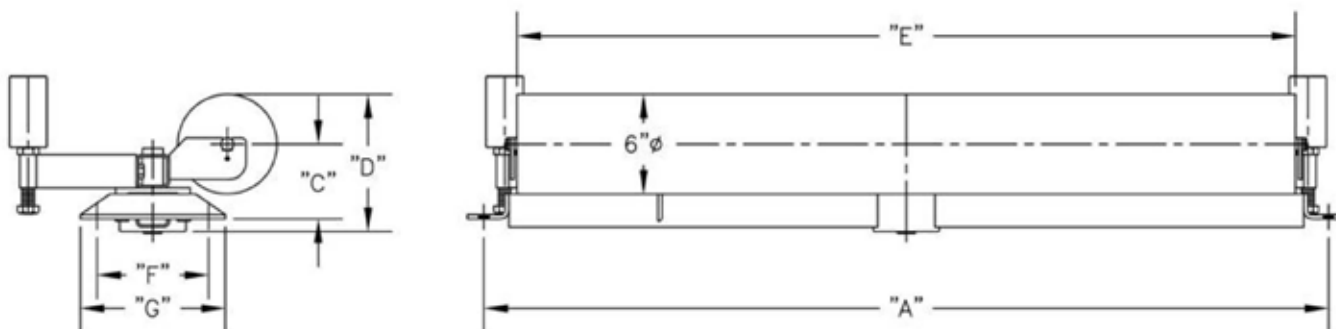
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Flat Belt Training Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)				Weight (lbs)	List Price
D					D	E	F	G		
24"	602329	602267	33	4 1/2	8 1/4	29	5 1/4	7 3/4	-	-
30"	602330	602268	39	4 1/2	8 1/4	35	5 1/4	7 3/4	-	-
36"	602331	602269	45	4 1/2	8 1/4	41	5 1/4	7 3/4	-	-
42"	602332	333669	51	4 1/2	8 1/4	47	5 1/4	7 3/4	-	-
48"	602333	333670	57	4 1/2	8 1/4	53	5 1/4	7 3/4	-	-
54"	602334	333675	63	4 1/2	8 1/4	59	5 1/4	7 3/4	-	-
60"	602335	333676	69	4 1/2	8 1/4	65	5 1/4	7 3/4	-	-
72"	602336	347994	81	4 1/2	8 1/4	77	5 1/4	7 3/4	-	-

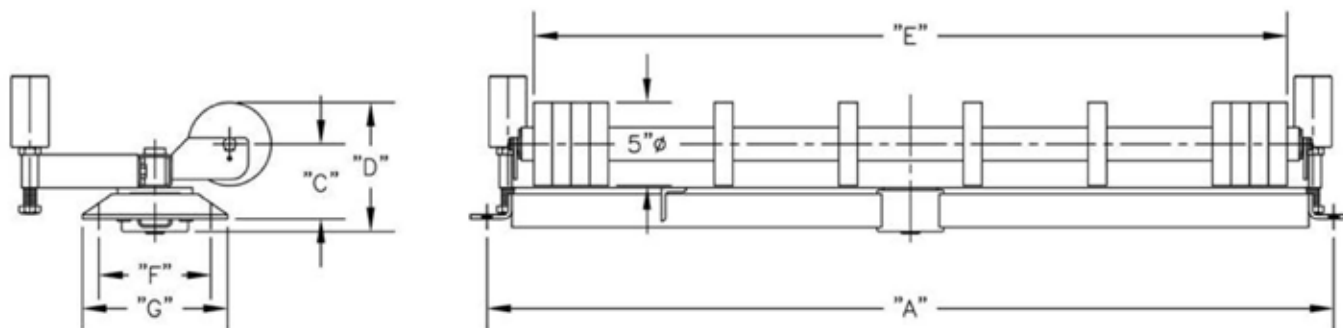
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Flat Belt Training Idler Assembly

5" Diameter Rubber Disc Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	F	G		
24"	602337	343259	33	4 1/2	7 3/4	27 3/8	5 1/4	7 3/4	-	-
30"	602338	343262	39	4 1/2	7 3/4	33 3/8	5 1/4	7 3/4	-	-
36"	602339	343263	45	4 1/2	7 3/4	39 3/8	5 1/4	7 3/4	-	-
42"	602340	346160	51	4 1/2	7 3/4	45 3/8	5 1/4	7 3/4	-	-
48"	602341	346161	57	4 1/2	7 3/4	51 3/8	5 1/4	7 3/4	-	-
54"	602342	346162	63	4 1/2	7 3/4	57 3/8	5 1/4	7 3/4	-	-
60"	602343	346163	69	4 1/2	7 3/4	63 3/8	5 1/4	7 3/4	-	-
72"	602344	348031	81	4 1/2	7 3/4	75 3/8	5 1/4	7 3/4	-	-

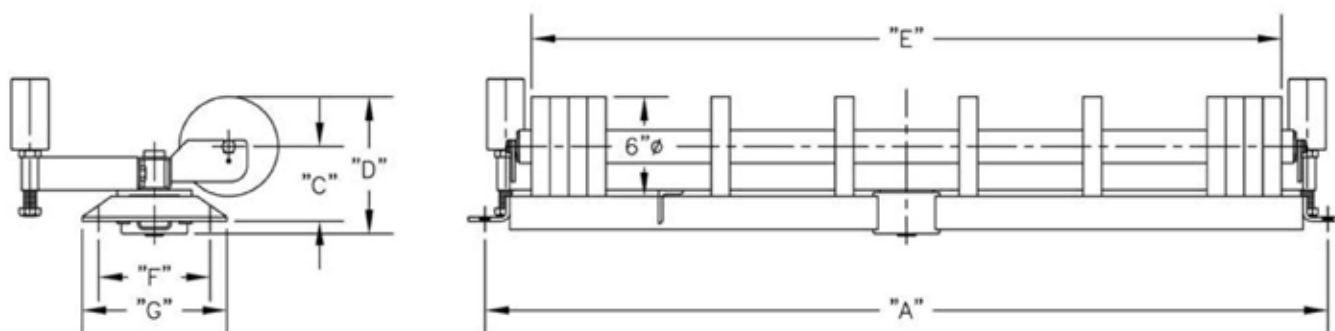
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Flat Belt Training Idler Assembly

6" Diameter Rubber Disc Roll



Number of discs in picture are for representation purposes only.
All inner discs are evenly spaced and quantities vary between belt widths.

Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		D	E	F	G	Weight (lbs)	List Price
24"	602345	344701	33	4 1/2	8 1/4	27 3/8	5 1/4	7 3/4	-	-	-	-
30"	602346	344702	39	4 1/2	8 1/4	33 3/8	5 1/4	7 3/4	-	-	-	-
36"	602347	344703	45	4 1/2	8 1/4	39 3/8	5 1/4	7 3/4	-	-	-	-
42"	602348	346153	51	4 1/2	8 1/4	45 3/8	5 1/4	7 3/4	-	-	-	-
48"	602349	346154	57	4 1/2	8 1/4	51 3/8	5 1/4	7 3/4	-	-	-	-
54"	602350	346155	63	4 1/2	8 1/4	57 3/8	5 1/4	7 3/4	-	-	-	-
60"	602351	346156	69	4 1/2	8 1/4	63 3/8	5 1/4	7 3/4	-	-	-	-
72"	602352	348033	81	4 1/2	8 1/4	75 3/8	5 1/4	7 3/4	-	-	-	-

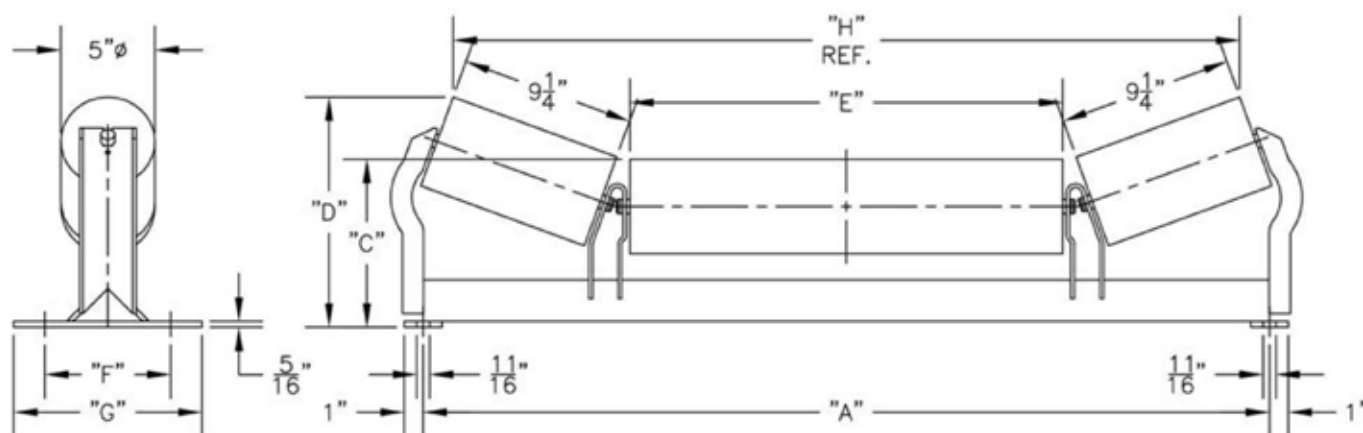
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 20°

In-line Picking Idler Assembly

5" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
30"	602354	325781	39	8 1/2	11 11/16	17 1/4	6	8 1/2	36 1/8	-	-
36"	602355	602353	45	8 7/8	12 1/4	23	6	8 1/2	41 13/16	-	-
42"	602356	602259	51	8 7/8	12 1/4	29	7 1/2	10	47 13/16	-	-
48"	602357	602260	57	8 7/8	12 1/4	35	7 1/2	10	53 13/16	-	-
54"	602358	366463	63	9 1/4	12 5/8	41	9	11 1/2	59 13/16	-	-
60"	348183	325785	69	9 1/4	12 5/8	47	9	11 1/2	65 13/16	-	-
72"	348184	325786	81	9 9/16	13	59	9	11 1/2	77 13/16	-	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

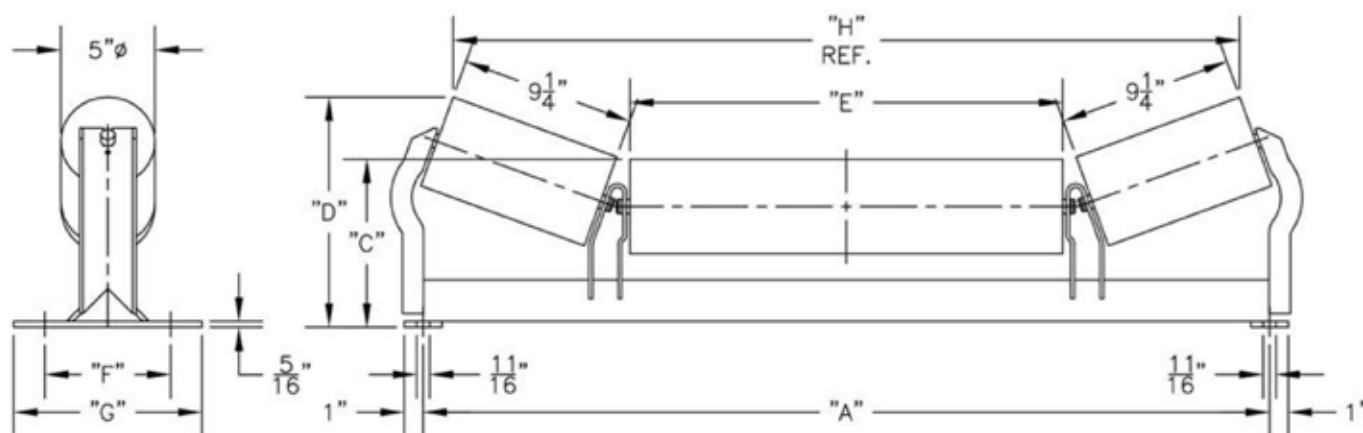
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D 20°

In-line Picking Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
30"	602360	325813	39	9	12 3/16	17 1/4	6	8 1/2	35 3/4	-	-
36"	602361	602359	45	9 3/8	12 3/4	23	6	8 1/2	41 1/2	-	-
42"	602362	602261	51	9 3/8	12 3/4	29	7 1/2	10	47 1/2	-	-
48"	602363	602262	57	9 3/8	12 3/4	35	7 1/2	10	53 1/2	-	-
54"	602364	602263	63	9 3/4	13 1/8	41	9	11 1/2	59 1/2	-	-
60"	341360	325817	69	9 3/4	13 1/8	47	9	11 1/2	65 1/2	-	-
72"	341361	325818	81	10 1/16	13 1/2	59	9	11 1/2	77 1/2	-	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

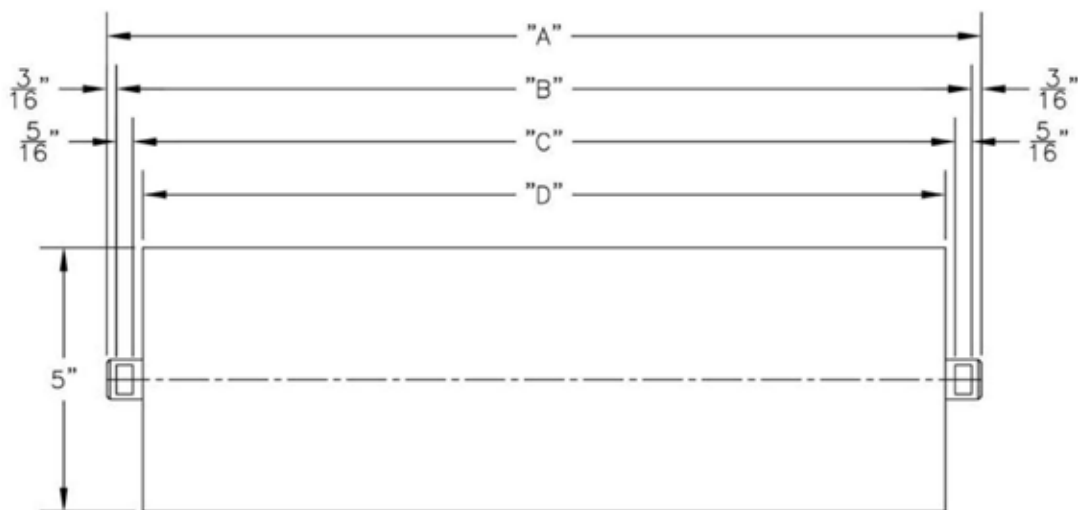
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA D replacement roll pricing and dimensional data begins on page 151.

CEMA D

Replacement Carrying Rolls

5" Diameter Steel Roll



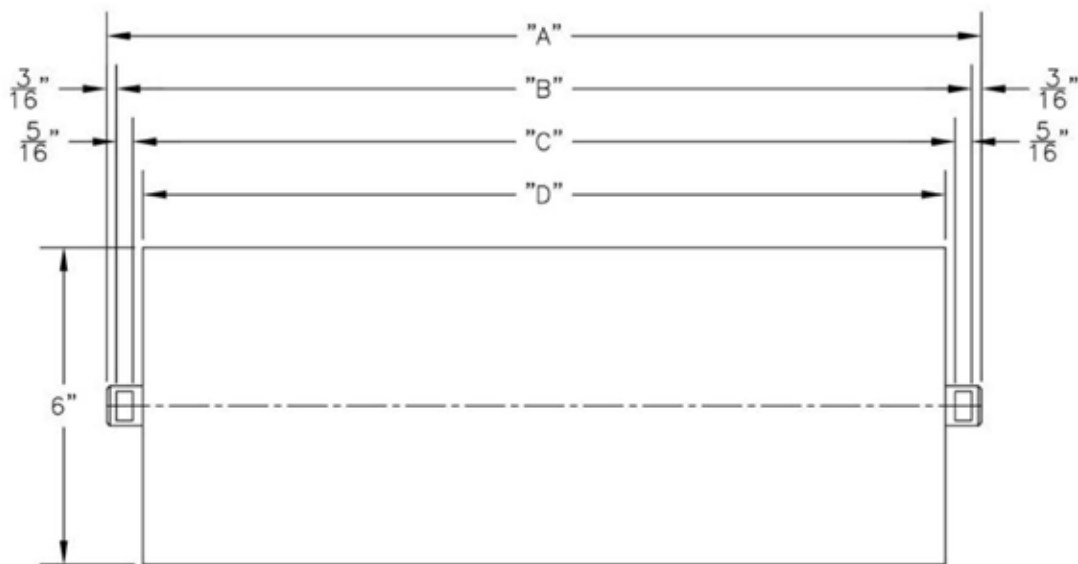
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
24"	325335	10 5/8	10 1/4	9 5/8	9 1/4	-	-
30"	325338	12 5/8	12 1/4	11 5/8	11 1/4	-	-
36"	325339	14 5/8	14 1/4	13 5/8	13 1/4	-	-
42"	325780	16 5/8	16 1/4	15 5/8	15 1/4	18	-
48"	325781	18 5/8	18 1/4	17 5/8	17 1/4	19	-
54"	325782	20 5/8	20 1/4	19 5/8	19 1/4	21	-
60"	325793	22 5/8	22 1/4	21 5/8	21 1/4	23	-
72"	325784	26 5/8	26 1/4	25 5/8	25 1/4	27	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA D

Replacement Carrying Rolls

6" Diameter Steel Roll



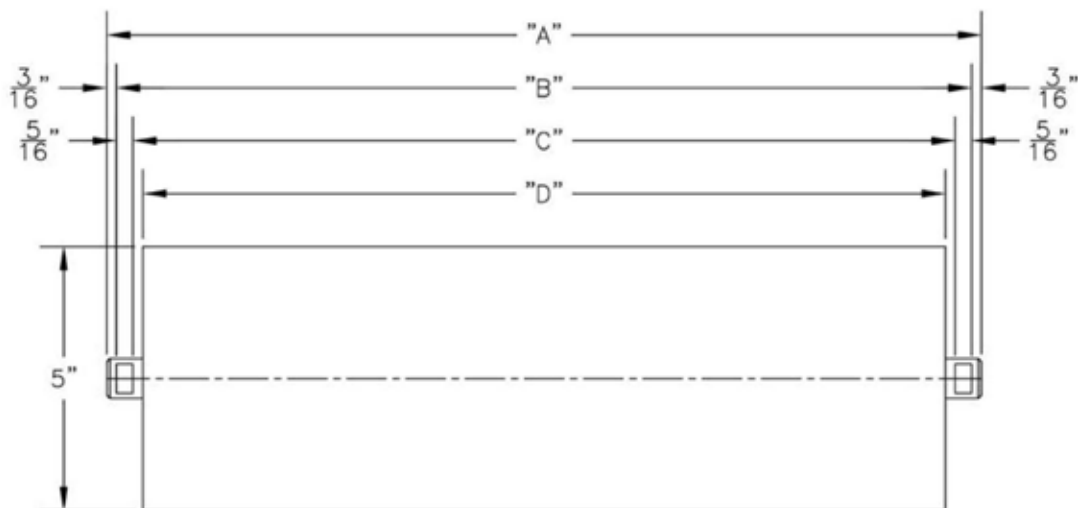
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
24"	325365	10 5/8	10 1/4	9 5/8	9 1/4	-	-
30"	325366	12 5/8	12 1/4	11 5/8	11 1/4	-	-
36"	325367	14 5/8	14 1/4	13 5/8	13 1/4	-	-
42"	325812	16 5/8	16 1/4	15 5/8	15 1/4	21	-
48"	325813	18 5/8	18 1/4	17 5/8	17 1/4	23	-
54"	325814	20 5/8	20 1/4	19 5/8	19 1/4	25	-
60"	325515	22 5/8	22 1/4	21 5/8	21 1/4	27	-
72"	325816	26 5/8	26 1/4	25 5/8	25 1/4	32	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.
All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA D

Replacement Carrying Rolls

5" Diameter EXALON Roll



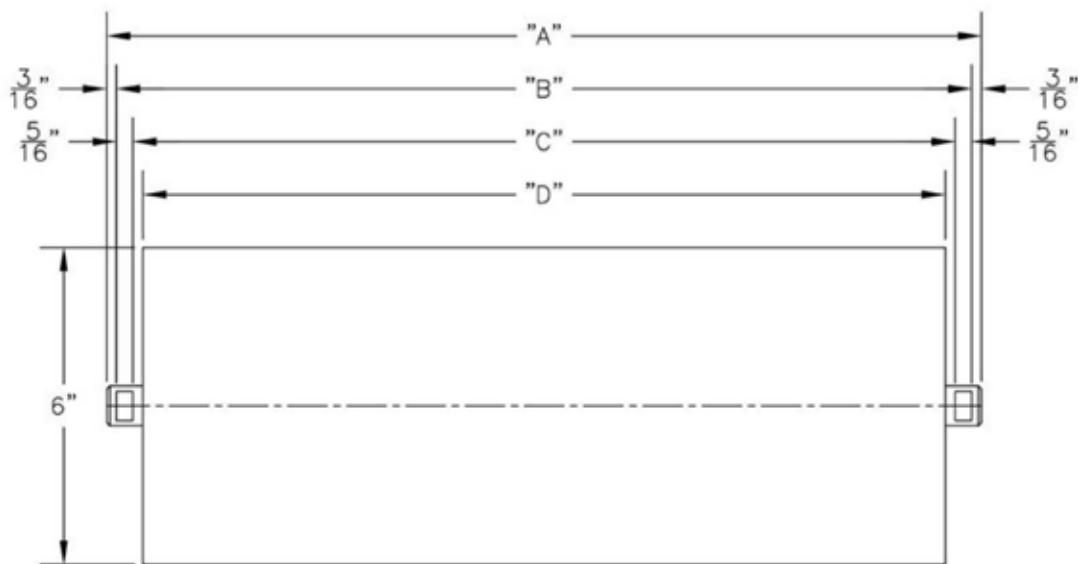
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
24"	332987	10 5/8	10 1/4	9 5/8	9 1/4	10	-
30"	332988	12 5/8	12 1/4	11 5/8	11 1/4	12	-
36"	332989	14 5/8	14 1/4	13 5/8	13 1/4	14	-
42"	333655	16 5/8	16 1/4	15 5/8	15 1/4	17	-
48"	333656	18 5/8	18 1/4	17 5/8	17 1/4	19	-
54"	333657	20 5/8	20 1/4	19 5/8	19 1/4	21	-
60"	333658	22 5/8	22 1/4	21 5/8	21 1/4	23	-
72"	333659	26 5/8	26 1/4	25 5/8	25 1/4	32	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA D

Replacement Carrying Rolls

6" Diameter EXALON Roll



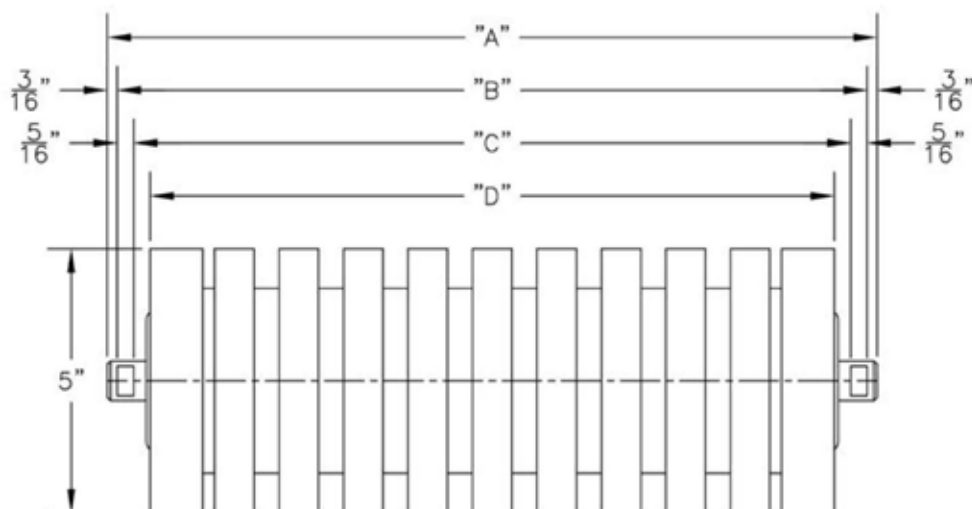
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
24"	332977	10 5/8	10 1/4	9 5/8	9 1/4	12	-
30"	332978	12 5/8	12 1/4	11 5/8	11 1/4	14	-
36"	332979	14 5/8	14 1/4	13 5/8	13 1/4	16	-
42"	333662	16 5/8	16 1/4	15 5/8	15 1/4	19	-
48"	333663	18 5/8	18 1/4	17 5/8	17 1/4	21	-
54"	333664	20 5/8	20 1/4	19 5/8	19 1/4	23	-
60"	333665	22 5/8	22 1/4	21 5/8	21 1/4	25	-
72"	333666	26 5/8	26 1/4	25 5/8	25 1/4	28	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA D

Replacement Carrying Rolls

5" Diameter Impact Roll



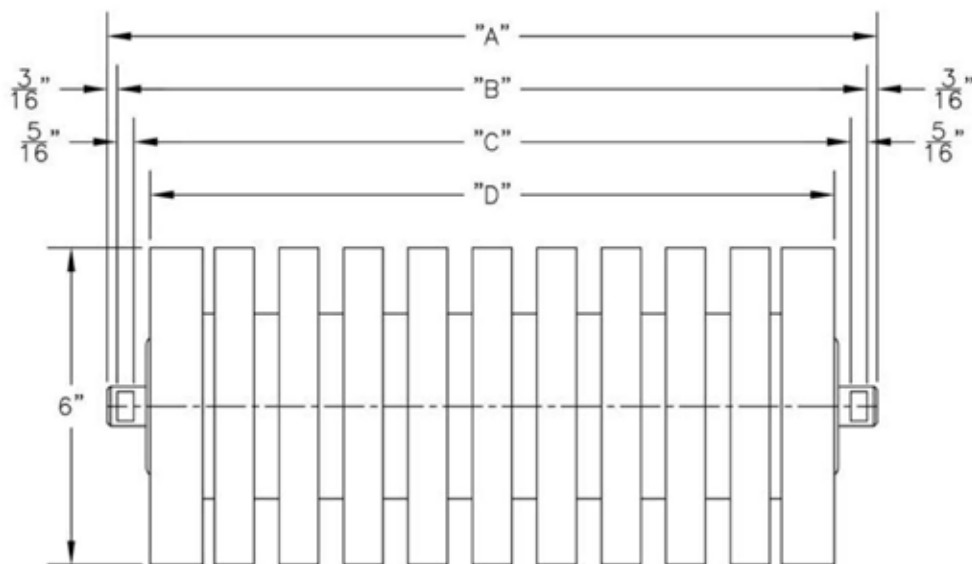
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
24"	338019	10 5/8	10 1/4	9 5/8	9	10	-
30"	338020	12 5/8	12 1/4	11 5/8	11	12	-
36"	338021	14 5/8	14 1/4	13 5/8	13	14	-
42"	338066	16 5/8	16 1/4	15 5/8	15	17	-
48"	338067	18 5/8	18 1/4	17 5/8	17	19	-
54"	338068	20 5/8	20 1/4	19 5/8	19	21	-
60"	338069	22 5/8	22 1/4	21 5/8	21	23	-
72"	338070	26 5/8	26 1/4	25 5/8	25	25	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA D

Replacement Carrying Rolls

6" Diameter Impact Roll



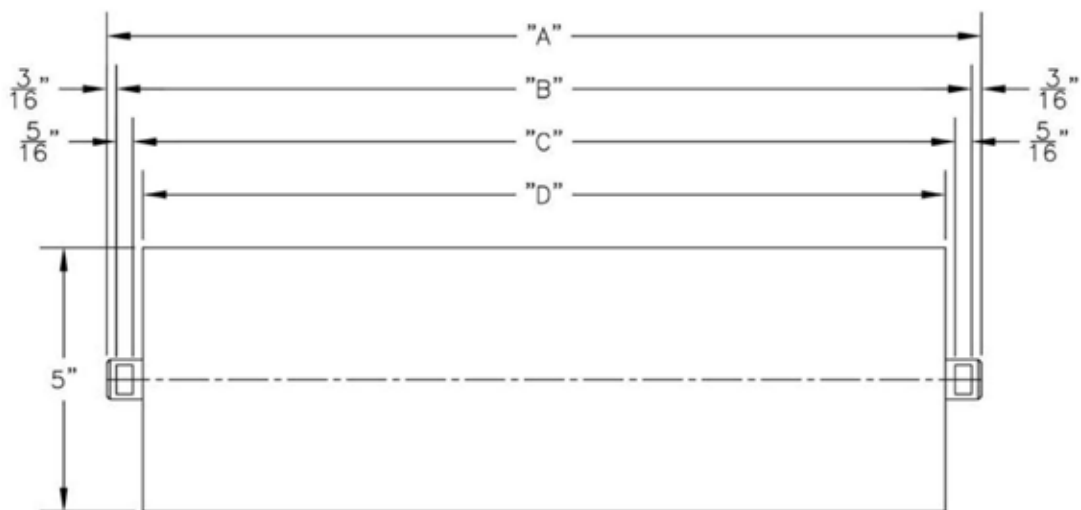
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
24"	335343	10 5/8	10 1/4	9 5/8	9	12	-
30"	335344	12 5/8	12 1/4	11 5/8	11	14	-
36"	335345	14 5/8	14 1/4	13 5/8	13	16	-
42"	336742	16 5/8	16 1/4	15 5/8	15	19	-
48"	336743	18 5/8	18 1/4	17 5/8	17	21	-
54"	336744	20 5/8	20 1/4	19 5/8	19	23	-
60"	336745	22 5/8	22 1/4	21 5/8	21	25	-
72"	336746	26 5/8	26 1/4	25 5/8	25	28	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA D

Replacement Return Rolls

5" Diameter Steel Roll



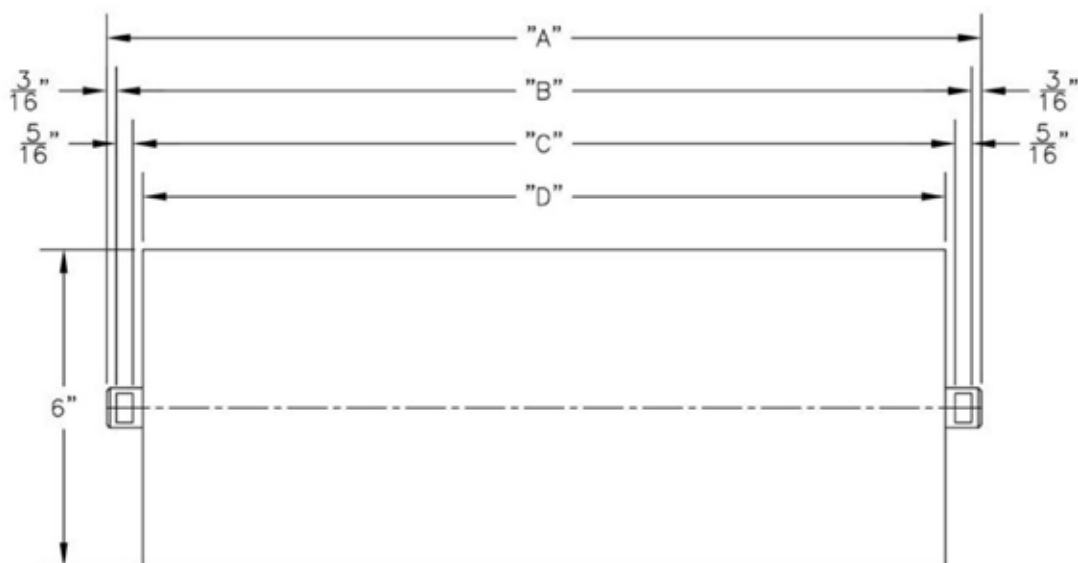
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
24"	602259	30 3/8	30	29 3/8	29	-	-
30"	602260	36 3/8	36	35 3/8	35	-	-
36"	366463	42 3/8	42	41 3/8	41	47	-
42"	325785	48 3/8	48	47 3/8	47	53	-
48"	325786	54 3/8	54	53 3/8	53	54	-
54"	325787	60 3/8	60	59 3/8	59	62	-
60"	325788	66 3/8	66	65 3/8	65	71	-
72"	347977	78 3/8	78	77 3/8	77	83	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.
All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA D

Replacement Return Rolls

6" Diameter Steel Roll



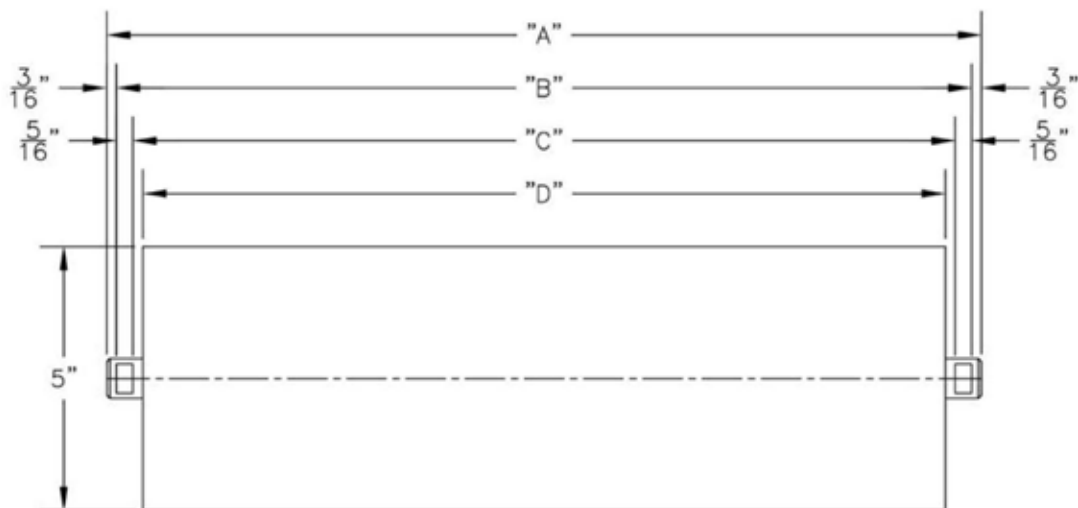
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
24"	602261	30 3/8	30	29 3/8	29	-	-
30"	602262	36 3/8	36	35 3/8	35	-	-
36"	602263	42 3/8	42	41 3/8	41	-	-
42"	325817	48 3/8	48	47 3/8	47	66	-
48"	325818	54 3/8	54	53 3/8	53	69	-
54"	325819	60 3/8	60	59 3/8	59	79	-
60"	325820	66 3/8	66	65 3/8	65	90	-
72"	347974	78 3/8	78	77 3/8	77	105	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA D

Replacement Return Rolls

5" Diameter EXALON Roll



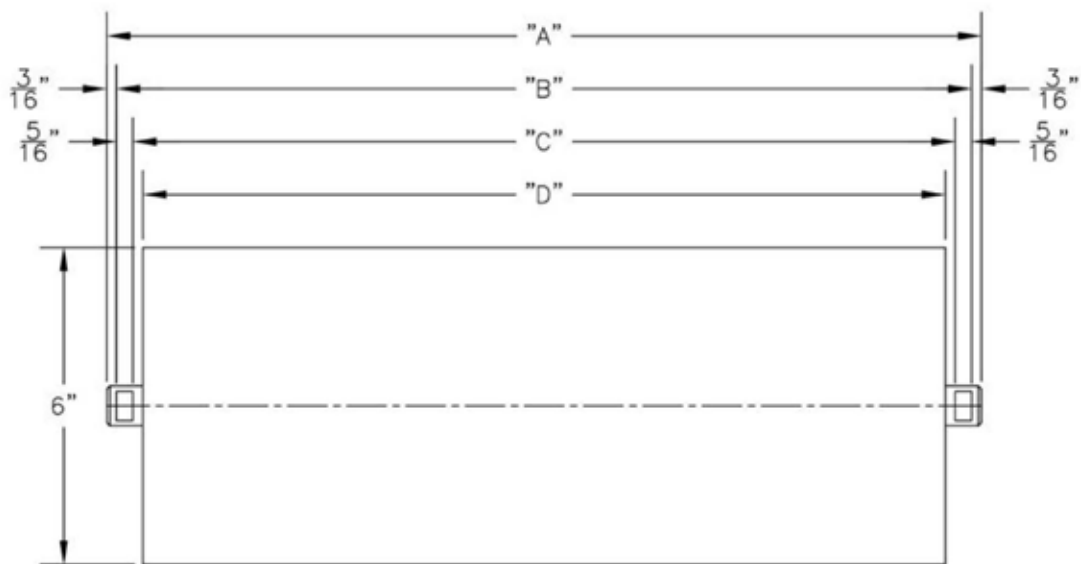
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
24"	602264	30 3/8	30	29 3/8	29	23	-
30"	602265	36 3/8	36	35 3/8	35	27	-
36"	602266	42 3/8	42	41 3/8	41	32	-
42"	333667	48 3/8	48	47 3/8	47	51	-
48"	333668	54 3/8	54	53 3/8	53	57	-
54"	333671	60 3/8	60	59 3/8	59	64	-
60"	333672	66 3/8	66	65 3/8	65	70	-
72"	347996	78 3/8	78	77 3/8	77	82	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA D

Replacement Return Rolls

6" Diameter EXALON Roll



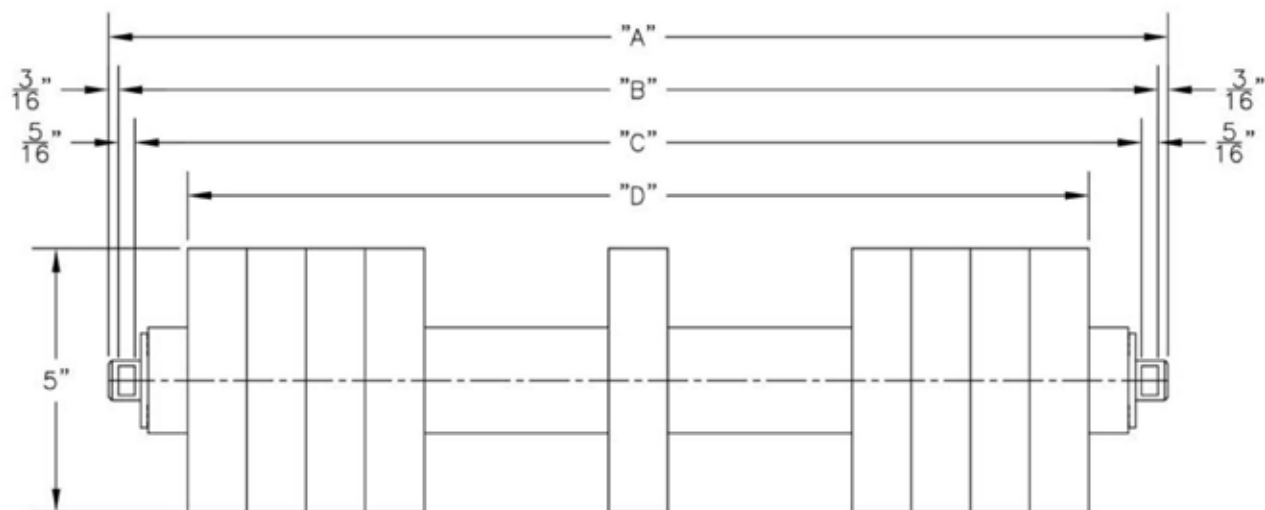
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
24"	602267	30 3/8	30	29 3/8	29	26	-
30"	602268	36 3/8	36	35 3/8	35	30	-
36"	602269	42 3/8	42	41 3/8	41	37	-
42"	333669	48 3/8	48	47 3/8	47	56	-
48"	333670	54 3/8	54	53 3/8	53	62	-
54"	333675	60 3/8	60	59 3/8	59	71	-
60"	333676	66 3/8	66	65 3/8	65	77	-
72"	347994	78 3/8	78	77 3/8	77	93	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA D

Replacement Return Rolls

5" Diameter Rubber Disc Roll



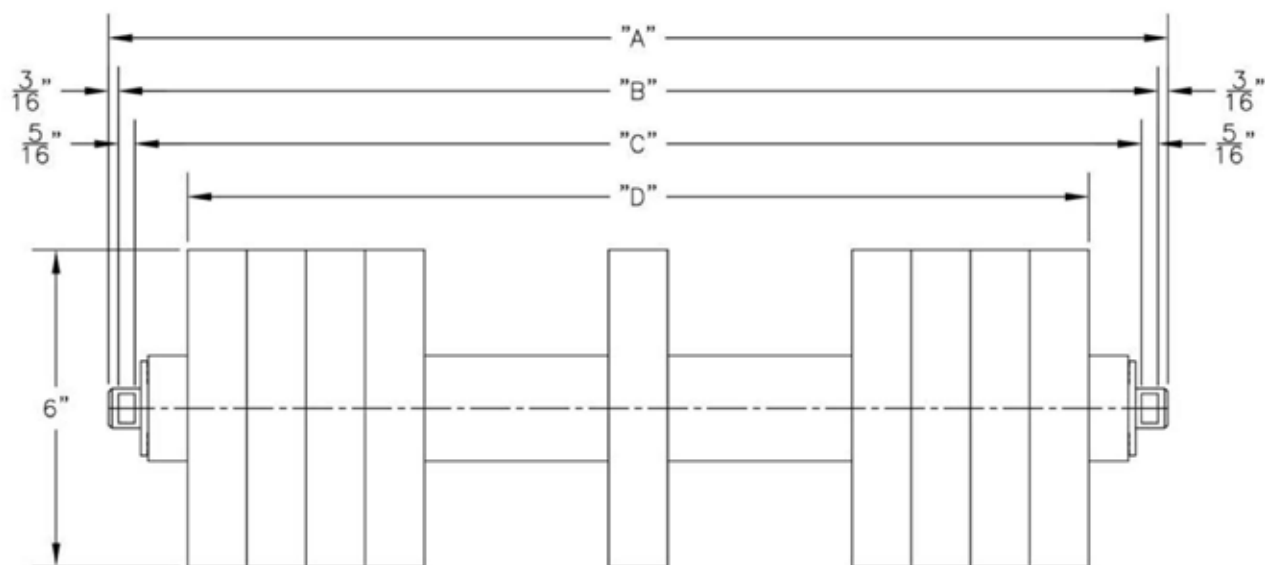
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
24"	343259	30 3/8	30	29 3/8	27 3/8	-	-
30"	343262	36 3/8	36	35 3/8	33 3/8	-	-
36"	343263	42 3/8	42	41 3/8	39 3/8	-	-
42"	346160	48 3/8	48	47 3/8	45 3/8	-	-
48"	346161	54 3/8	54	53 3/8	51 3/8	-	-
54"	346162	60 3/8	60	59 3/8	57 3/8	-	-
60"	346163	66 3/8	66	65 3/8	63 3/8	-	-
72"	348031	78 3/8	78	77 3/8	75 3/8	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA D

Replacement Return Rolls

6" Diameter Rubber Disc Roll



Number of discs in picture are for representation purposes only.
All inner discs are evenly spaced and quantities vary between belt widths.

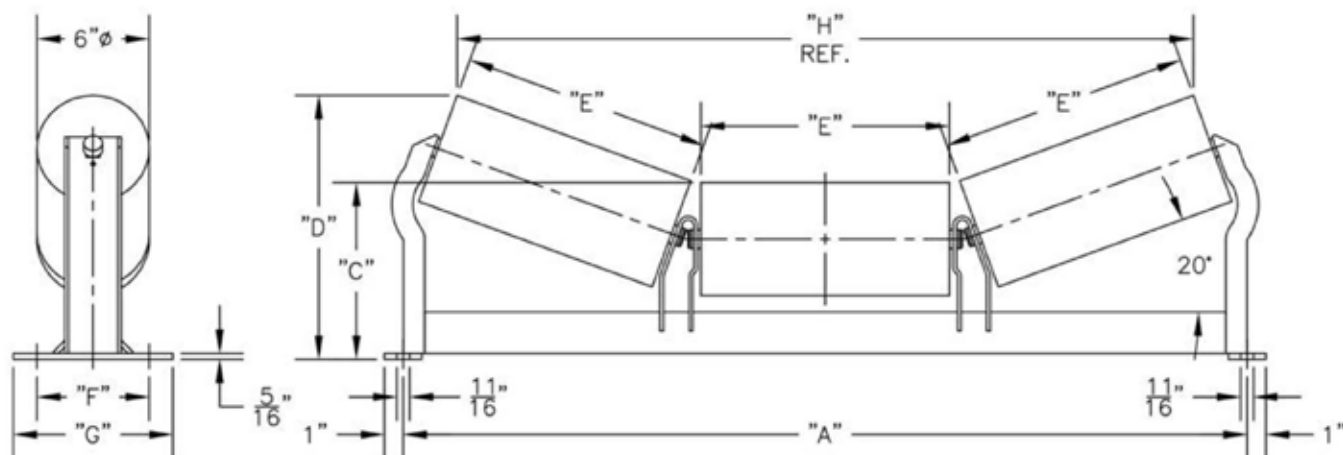
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
24"	344701	30 3/8	30	29 3/8	27 3/8	-	-
30"	344702	36 3/8	36	35 3/8	33 3/8	-	-
36"	344703	42 3/8	42	41 3/8	39 3/8	-	-
42"	346153	48 3/8	48	47 3/8	45 3/8	-	-
48"	346154	54 3/8	54	53 3/8	51 3/8	-	-
54"	346155	60 3/8	60	59 3/8	57 3/8	-	-
60"	346156	66 3/8	66	65 3/8	63 3/8	-	-
72"	348033	78 3/8	78	77 3/8	75 3/8	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA E 20°

In-line Carrying Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602365	273640	45	10 13/16	15 3/4	13 5/8	6	8 1/2	42 1/4	147	-
42"	602366	270612	51	10 13/16	16 1/2	15 5/8	7 1/2	10	48	162	-
48"	602367	274220	57	10 13/16	17 3/16	17 5/8	7 1/2	10	53 13/16	177	-
54"	602368	266879	63	10 13/16	17 7/8	19 5/8	9	11 1/2	59 9/16	193	-
60"	602369	266882	69	10 13/16	18 9/16	21 5/8	9	11 1/2	65 5/16	208	-
72"	602370	266885	81	11 9/16	20 11/16	25 5/8	9	11 1/2	76 13/16	256	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request.

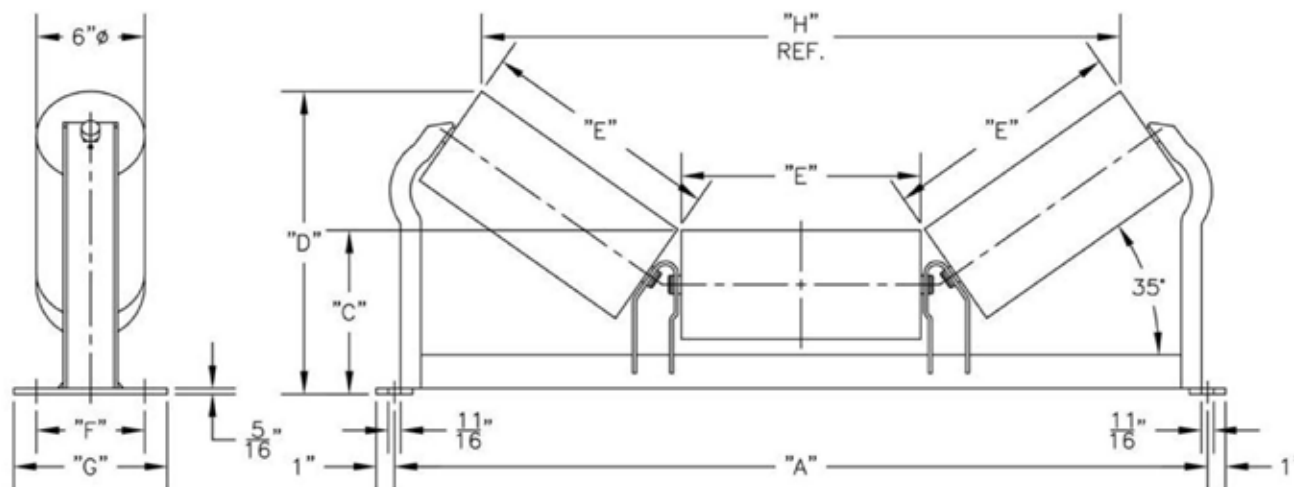
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 35°

In-line Carrying Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602371	273640	45	10 13/16	19	13 5/8	6	8 1/2	38 3/16	151	-
42"	602372	270612	51	10 13/16	20 1/2	15 5/8	7 1/2	10	43 7/16	167	-
48"	602373	274220	57	10 13/16	21 5/8	17 5/8	7 1/2	10	48 3/4	183	-
54"	602374	266879	63	10 13/16	22 13/16	19 5/8	9	11 1/2	54	198	-
60"	602375	266882	69	10 13/16	23 15/16	21 5/8	9	11 1/2	59 5/16	214	-
72"	602376	266885	81	11 9/16	27	25 5/8	9	11 1/2	69 7/8	263	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request.

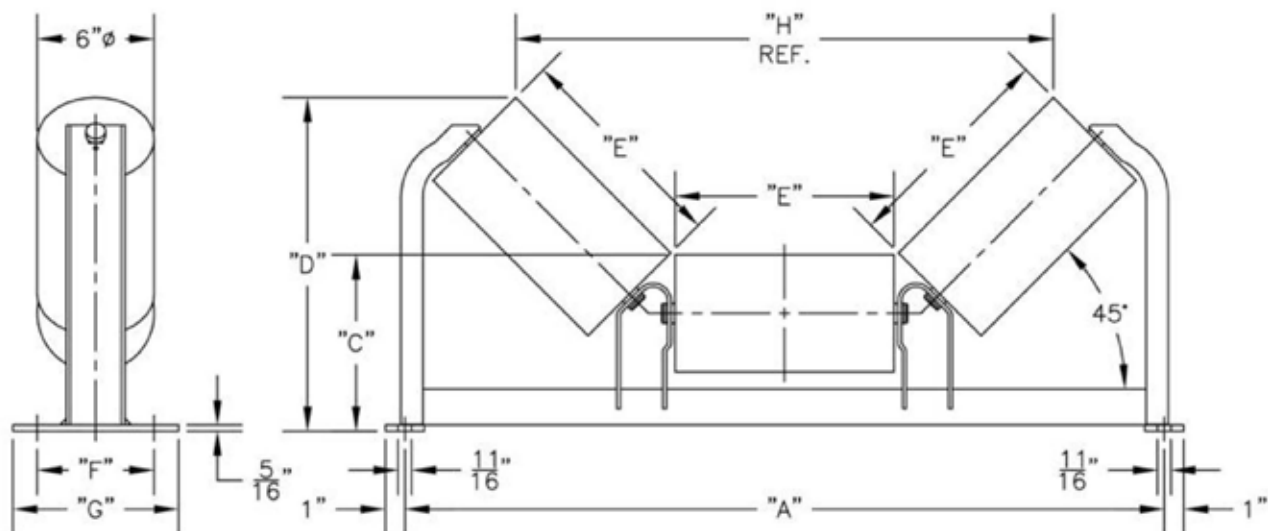
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 45°

In-line Carrying Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602377	273640	45	10 13/16	22 3/4	13 5/8	6	8 1/2	34 7/16	154	-
42"	602378	270612	51	10 13/16	22 13/16	15 5/8	7 1/2	10	39 1/4	170	-
48"	602379	274220	57	10 13/16	24 1/4	17 5/8	7 1/2	10	44 1/16	185	-
54"	602380	266879	63	10 13/16	25 11/16	19 5/8	9	11 1/2	48 7/8	201	-
60"	602381	266882	69	10 13/16	27 1/16	21 5/8	9	11 1/2	53 3/4	217	-
72"	602382	266885	81	11 9/16	30 5/8	25 5/8	9	11 1/2	63 3/8	266	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request.

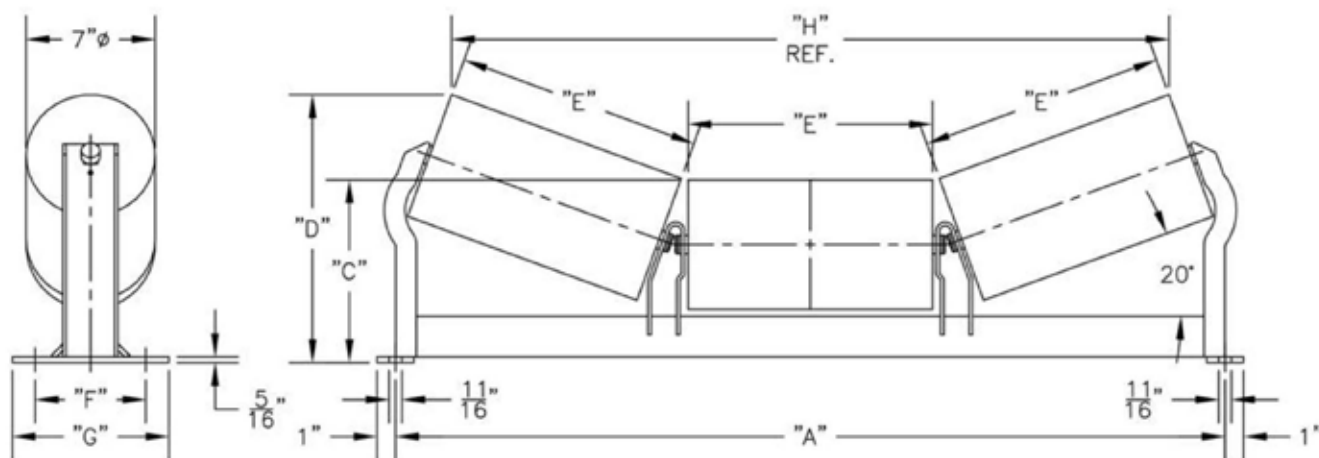
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 20°

In-line Carrying Idler Assembly

7" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602383	376440	45	11 5/16	16 3/16	13 5/8	6	8 1/2	41 15/16	158	-
42"	602384	266888	51	11 5/16	17	15 5/8	7 1/2	10	47 11/16	175	-
48"	602385	266891	57	11 5/16	17 11/16	17 5/8	7 1/2	10	53 7/16	191	-
54"	602386	266894	63	11 5/16	18 3/8	19 5/8	9	11 1/2	59 3/16	108	-
60"	602387	266897	69	11 5/16	19 1/16	21 5/8	9	11 1/2	64 15/16	225	-
72"	602388	266900	81	12 1/16	21 3/16	25 5/8	9	11 1/2	76 1/2	275	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request.

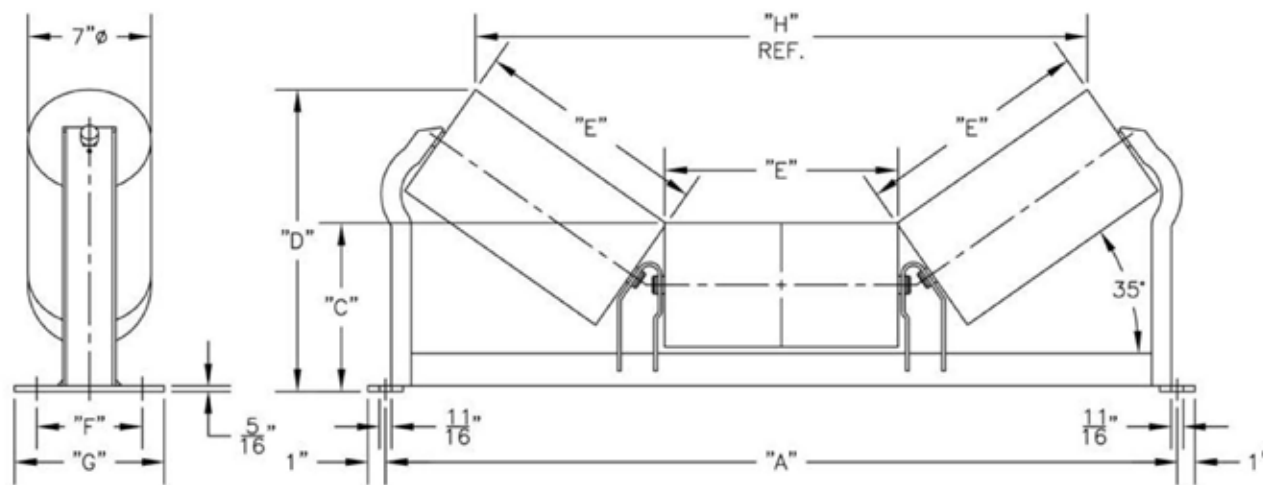
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 35°

In-line Carrying Idler Assembly

7" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602389	376440	45	11 5/16	19 3/8	13 5/8	6	8 1/2	37 5/8	244	-
42"	602390	266888	51	11 5/16	21	15 5/8	7 1/2	10	42 7/8	271	-
48"	602391	266891	57	11 5/16	22 1/8	17 5/8	7 1/2	10	48 3/16	297	-
54"	602392	266894	63	11 5/16	23 5/16	19 5/8	9	11 1/2	53 7/16	324	-
60"	602393	266897	69	11 5/16	24 7/16	21 5/8	9	11 1/2	58 3/4	351	-
72"	602394	266900	81	12 1/16	27 1/2	25 5/8	9	11 1/2	69 1/4	422	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

In-line Carrying Idler Assembly

Technical drawing of a mechanical assembly, showing a side view and a top view.

Side View (Left):

- Top section diameter: $7" \varnothing$
- Bottom section width: F
- Overall width: G

Top View (Right):

- Overall length: A
- Overall width: B
- Distance from left edge to centerline: C
- Distance from centerline to right edge: D
- Distance from left edge to first vertical line: $5 \frac{11}{16}"$
- Distance between first and second vertical lines: $1"$
- Distance between second and third vertical lines: $11 \frac{11}{16}"$
- Distance from third vertical line to right edge: $11 \frac{11}{16}"$
- Distance from right edge to rightmost vertical line: $1"$
- Angle: 45°
- Reference dimension: H REF.
- Dimension E is indicated multiple times, likely representing the width of the angled sections.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
			A	C	D	E	F	G	H		
36"	602395	376440	45	11 5/16	21 1/8	13 5/8	6	8 1/2	37 5/8	246	-
42"	602396	266888	51	11 5/16	23 5/16	15 5/8	7 1/2	10	38 9/16	273	-
48"	602397	266891	57	11 5/16	24 3/4	17 5/8	7 1/2	10	43 3/8	300	-
54"	602398	266894	63	11 5/16	26 3/16	19 5/8	9	11 1/2	48 3/16	327	-
60"	602399	266897	69	11 5/16	27 9/16	21 5/8	9	11 1/2	53	354	-
72"	602400	266900	81	12 1/16	31 1/8	25 5/8	9	11 1/2	62 11/16	425	-

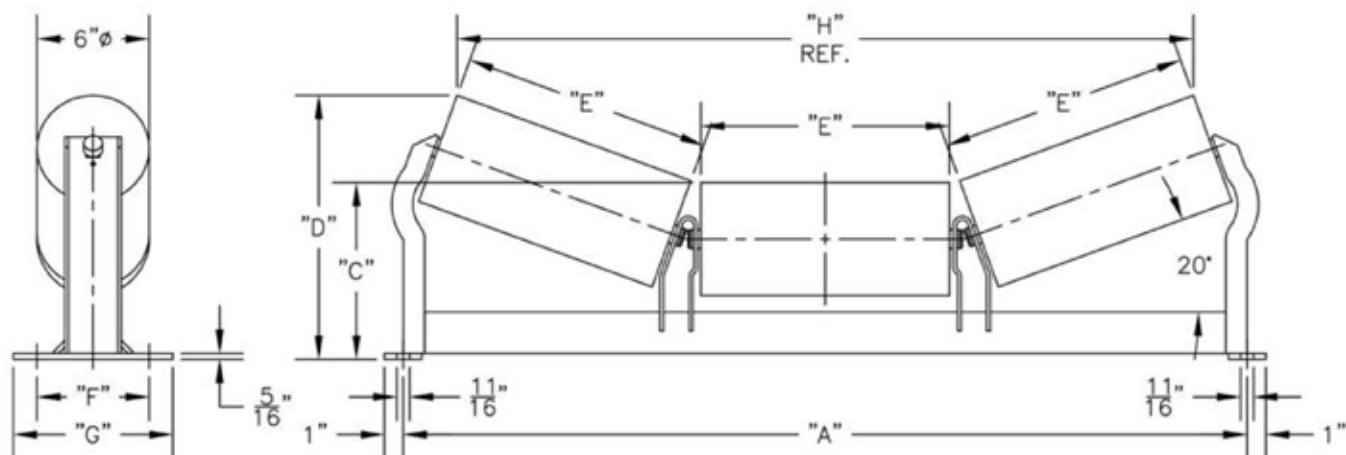
All dimensions are subject to change without notice. Certified prints are available upon request.

**Note: CEMA E replacement roll pricing and dimensional data begins on page 219.*

CEMA E 20°

In-line Carrying Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602401	299854	45	10 13/16	15 3/4	13 5/8	6	8 1/2	42 1/4	138	-
42"	602402	301106	51	10 13/16	16 1/2	15 5/8	7 1/2	10	48	151	-
48"	602403	341378	57	10 13/16	17 3/16	17 5/8	7 1/2	10	53 13/16	164	-
54"	602404	341379	63	10 13/16	17 7/8	19 5/8	9	11 1/2	59 9/16	177	-
60"	602405	287886	69	10 13/16	18 9/16	21 5/8	9	11 1/2	65 5/16	189	-
72"	602406	341382	81	11 9/16	20 11/16	25 5/8	9	11 1/2	76 13/16	232	-

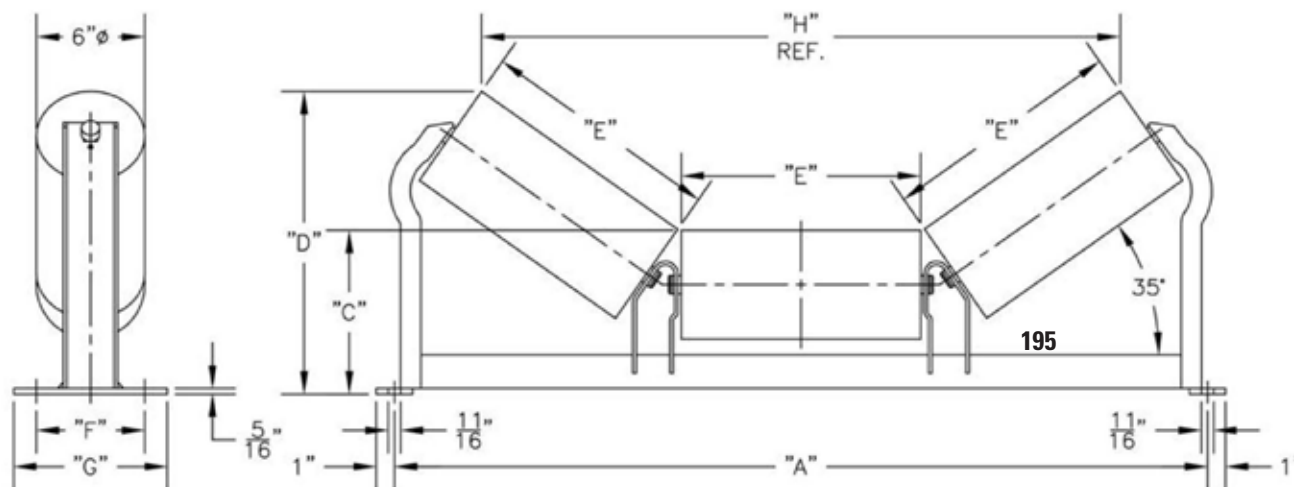
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 35°

In-line Carrying Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602407	299854	45	10 13/16	19	13 5/8	6	8 1/2	38 3/16	143	-
42"	602408	301106	51	10 13/16	20 1/2	15 5/8	7 1/2	10	43 7/16	156	-
48"	602409	341378	57	10 13/16	21 5/8	17 5/8	7 1/2	10	48 3/4	169	-
54"	602410	341379	63	10 13/16	22 13/16	19 5/8	9	11 1/2	54	182	-
60"	602411	287886	69	10 13/16	23 15/16	21 5/8	9	11 1/2	59 5/16	195	-
72"	602412	341382	81	11 9/16	27	25 5/8	9	11 1/2	69 7/8	239	-

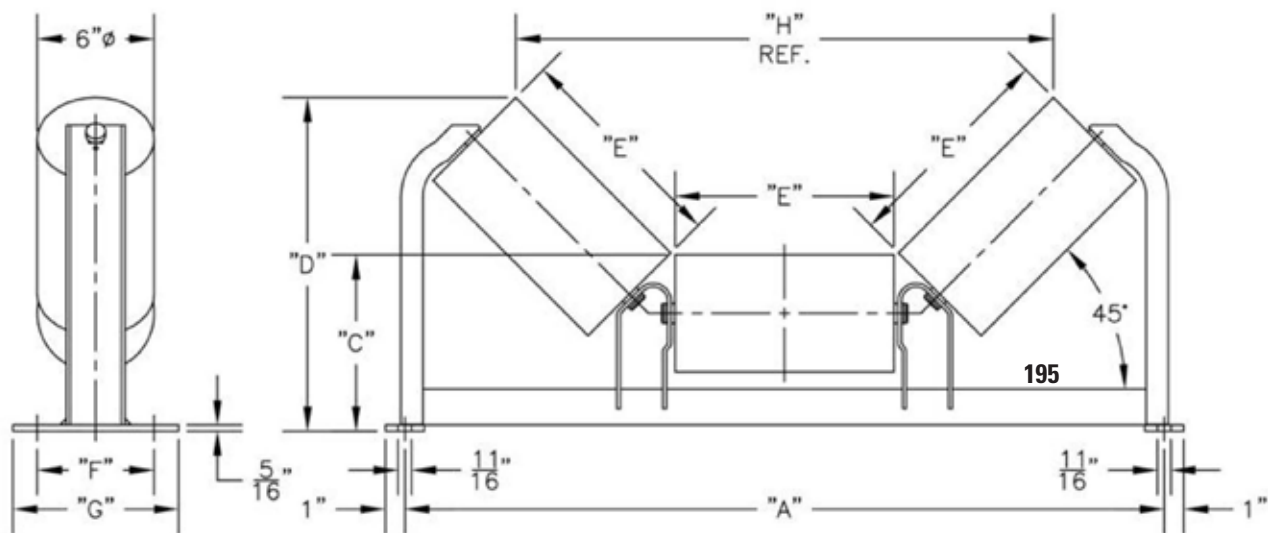
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 45°

In-line Carrying Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602413	299854	45	10 13/16	22 3/4	13 5/8	6	8 1/2	34 7/16	145	-
42"	602414	301106	51	10 13/16	22 13/16	15 5/8	7 1/2	10	39 1/4	158	-
48"	602415	341378	57	10 13/16	24 1/4	17 5/8	7 1/2	10	44 1/16	172	-
54"	602416	341379	63	10 13/16	25 11/16	19 5/8	9	11 1/2	48 7/8	185	-
60"	602417	287886	69	10 13/16	27 1/16	21 5/8	9	11 1/2	53 3/4	199	-
72"	602418	341382	81	11 9/16	30 5/8	25 5/8	9	11 1/2	63 3/8	243	-

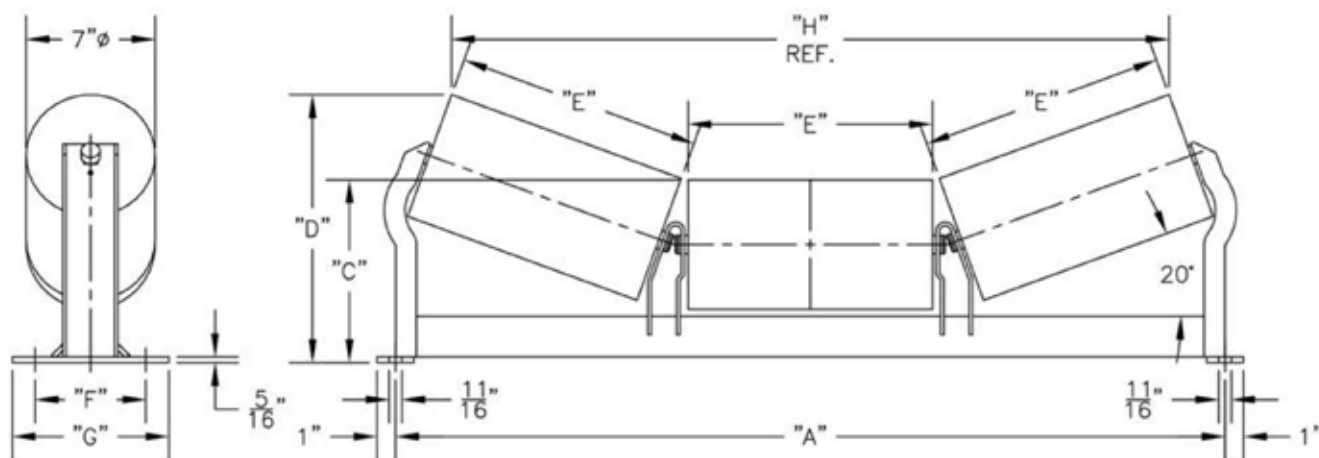
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 20°

In-line Carrying Idler Assembly

7" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)			F	G	H	Weight (lbs)	List Price
					D	E						
36"	602419	286064	45	11 5/16	16 3/16	13 5/8	6	8 1/2	41 15/16	145	-	
42"	602420	366118	51	11 5/16	17	15 5/8	7 1/2	10	47 11/16	158	-	
48"	602421	366120	57	11 5/16	17 11/16	17 5/8	7 1/2	10	53 7/16	172	-	
54"	602422	338418	63	11 5/16	18 3/8	19 5/8	9	11 1/2	59 3/16	185	-	
60"	602423	351949	69	11 5/16	19 1/16	21 5/8	9	11 1/2	64 15/16	198	-	
72"	602424	272191	81	12 1/16	21 3/16	25 5/8	9	11 1/2	76 1/2	242	-	

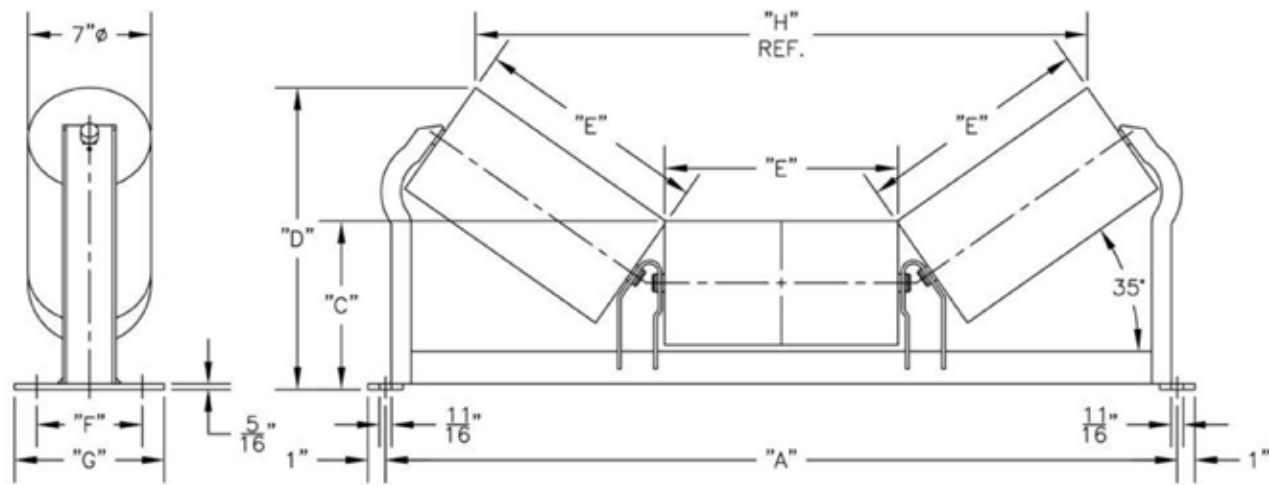
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 35°

In-line Carrying Idler Assembly

7" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602425	286064	45	11 5/16	19 3/8	13 5/8	6	8 1/2	37 5/8	149	-
42"	602426	366118	51	11 5/16	21	15 5/8	7 1/2	10	42 7/8	163	-
48"	602427	366120	57	11 5/16	22 1/8	17 5/8	7 1/2	10	48 3/16	177	-
54"	602428	338418	63	11 5/16	23 5/16	19 5/8	9	11 1/2	53 7/16	194	-
60"	602429	351949	69	11 5/16	24 7/16	21 5/8	9	11 1/2	58 3/4	204	-
72"	602430	272191	81	12 1/16	27 1/2	25 5/8	9	11 1/2	69 1/4	249	-

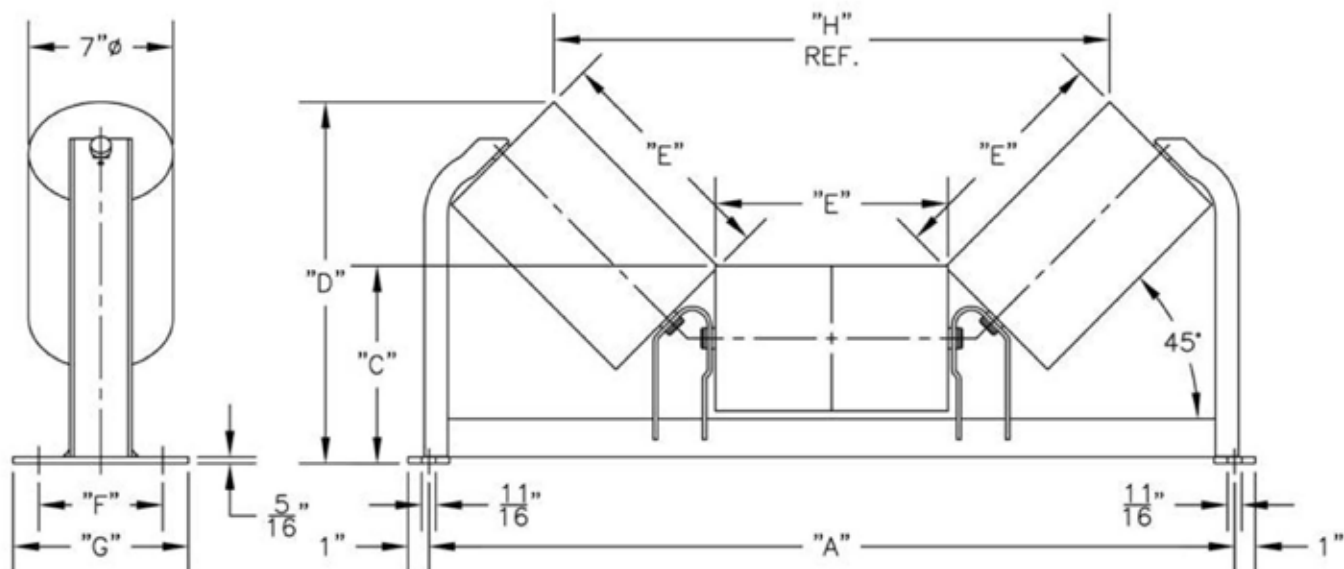
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 45°

In-line Carrying Idler Assembly

7" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602431	286064	45	11 5/16	21 1/8	13 5/8	6	8 1/2	33 11/16	152	-
42"	602432	366118	51	11 5/16	23 5/16	15 5/8	7 1/2	10	38 9/16	165	-
48"	602433	366120	57	11 5/16	24 3/4	17 5/8	7 1/2	10	43 3/8	179	-
54"	602434	338418	63	11 5/16	26 3/16	19 5/8	9	11 1/2	48 3/16	193	-
60"	602435	351949	69	11 5/16	27 9/16	21 5/8	9	11 1/2	53	207	-
72"	602436	272191	81	12 1/16	31 1/8	25 5/8	9	11 1/2	62 11/16	252	-

All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

In-line Carrying Idler Assembly

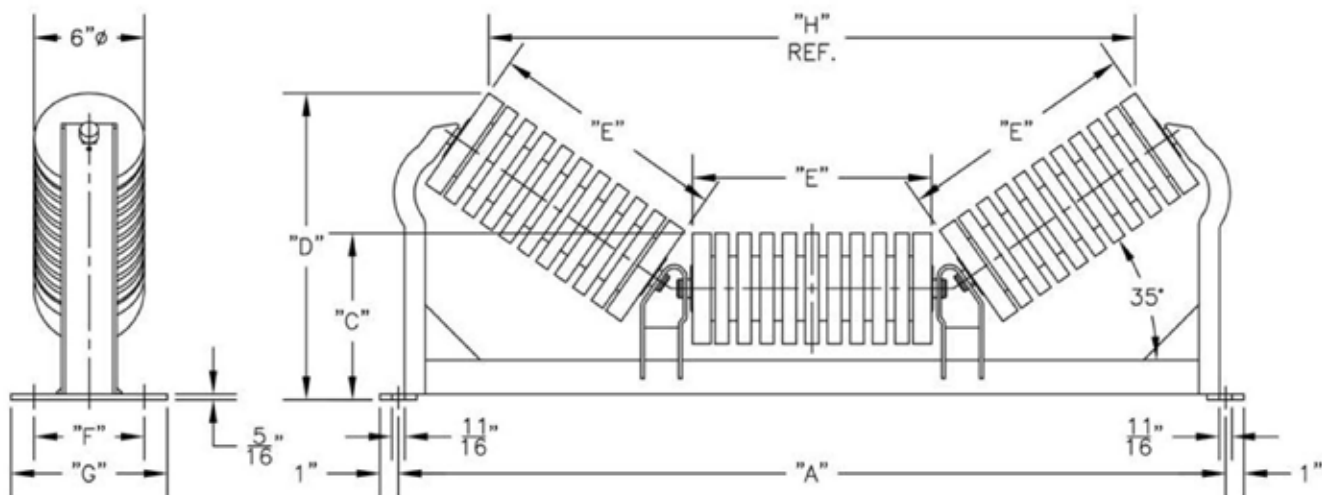
Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
			A	C	D	E	F	G	H		
36"	602443	325745	45	10 13/16	15 9/16	12 1/2	6	8 1/2	41 3/16	-	-
42"	602444	371200	51	10 13/16	16 1/4	14 1/2	7 1/2	10	47	-	-
48"	602445	279565	57	10 13/16	16 15/16	16 1/2	7 1/2	10	52 3/4	-	-
54"	602446	286045	63	10 13/16	17 5/8	18 1/2	9	11 1/2	58 1/2	-	-
60"	602447	351945	69	10 13/16	18 5/16	20 1/2	9	11 1/2	64 1/4	-	-
72"	602448	266886	81	10 13/16	19 5/8	24 1/2	9	11 1/2	75 3/4	-	-

**Note: CEMA E replacement roll pricing and dimensional data begins on page 219.*

CEMA E 35°

In-line Carrying Idler Assembly

6" Diameter Impact Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602449	325745	45	10 13/16	18 11/16	12 1/2	6	8 1/2	37 1/4	-	-
42"	602450	371200	51	10 13/16	19 13/16	14 1/2	7 1/2	10	42 9/16	-	-
48"	398460	279565	57	10 13/16	20 15/16	16 1/2	7 1/2	10	47 13/16	-	-
54"	602452	286045	63	10 13/16	22 1/8	18 1/2	9	11 1/2	53 1/8	-	-
60"	602453	351945	69	10 13/16	23 1/4	20 1/2	9	11 1/2	58 3/8	-	-
72"	602454	266886	81	10 13/16	25 9/16	24 1/2	9	11 1/2	68 15/16	-	-

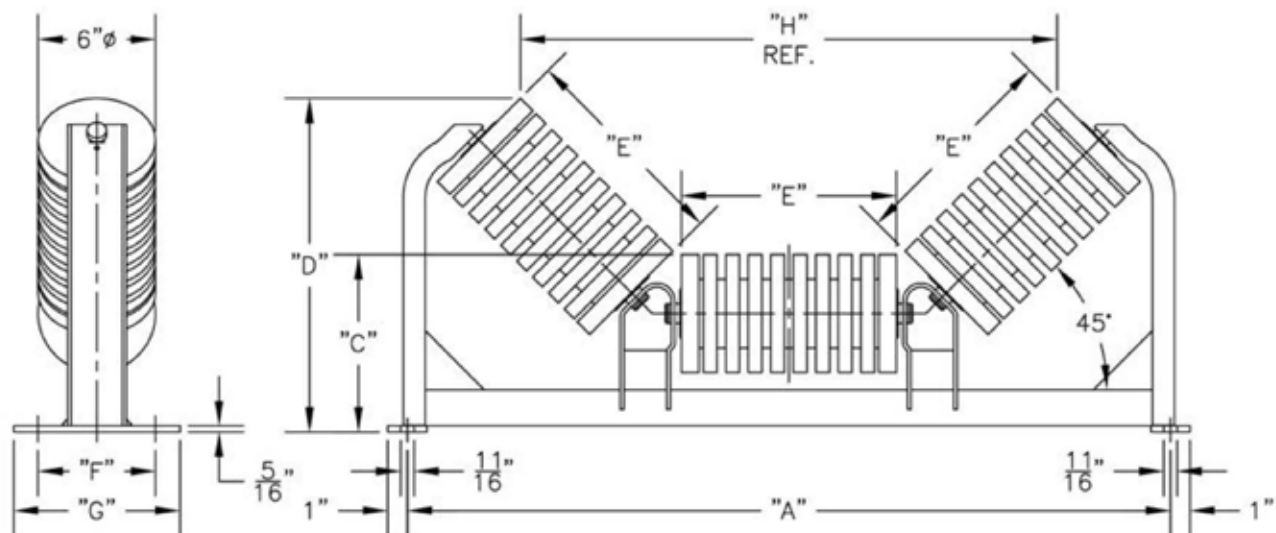
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 45°

In-line Carrying Idler Assembly

6" Diameter Impact Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602455	325745	45	10 13/16	20 3/8	13	6	8 1/2	33 5/8	-	-
42"	602456	371200	51	10 13/16	21 3/4	15	7 1/2	10	38 7/16	-	-
48"	602457	279565	57	10 13/16	23 3/16	17	7 1/2	10	43 1/4	-	-
54"	602458	286045	63	10 13/16	24 5/8	19	9	11 1/2	48 1/8	-	-
60"	602459	351945	69	10 13/16	26	21	9	11 1/2	52 15/16	-	-
72"	602460	266886	81	10 13/16	28 7/8	25	9	11 1/2	62 9/16	-	-

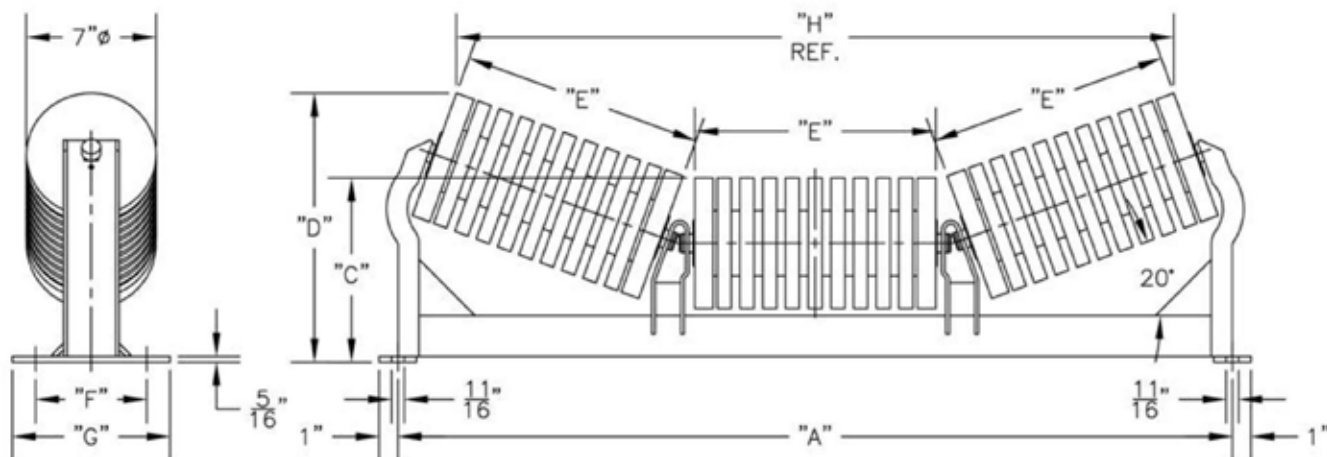
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 20°

In-line Carrying Idler Assembly

7" Diameter Impact Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602461	310329	45	11 5/16	16	13	6	8 1/2	41 3/16	-	-
42"	602462	276736	51	11 5/16	16 11/16	15	7 1/2	10	47	-	-
48"	602463	266892	57	11 5/16	17 3/8	17	7 1/2	10	52 3/4	-	-
54"	602464	274860	63	11 5/16	18 1/16	19	9	11 1/2	58 1/2	-	-
60"	602465	270786	69	11 5/16	18 3/4	21	9	11 1/2	64 1/4	-	-
72"	602466	266901	81	11 5/16	20 1/8	25	9	11 1/2	75 3/4	-	-

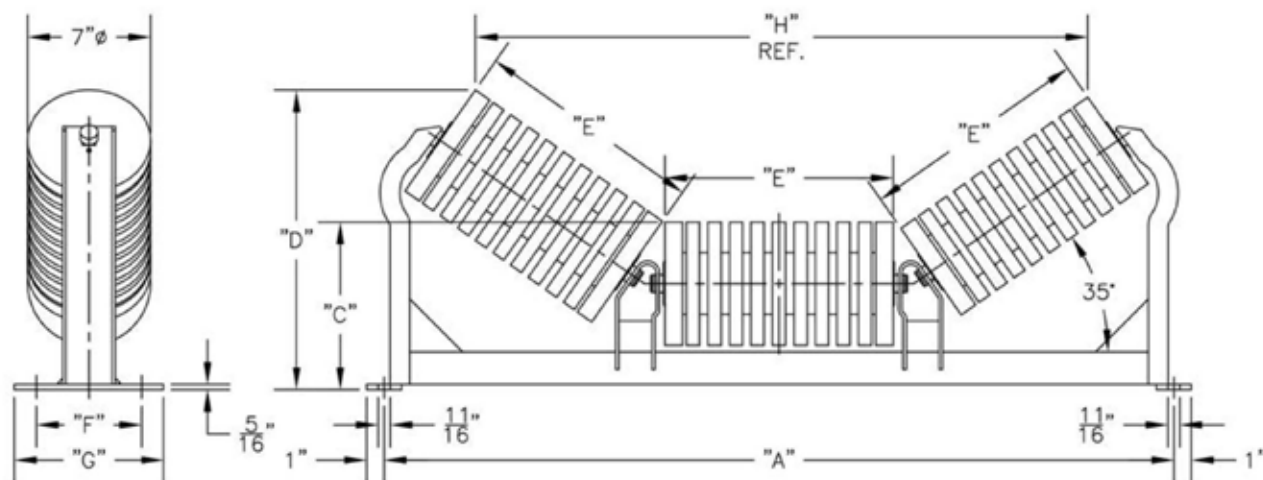
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 35°

In-line Carrying Idler Assembly

7" Diameter Impact Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602467	310329	45	11 5/16	19 1/16	13	6	8 1/2	37 1/4	-	-
42"	602468	276736	51	11 5/16	20 3/16	15	7 1/2	10	42 9/16	-	-
48"	602469	266892	57	11 5/16	21 3/8	17	7 1/2	10	47 13/16	-	-
54"	602470	274860	63	11 5/16	22 1/2	19	9	11 1/2	53 1/8	-	-
60"	602471	270786	69	11 5/16	23 11/16	21	9	11 1/2	58 3/8	-	-
72"	602472	266901	81	11 5/16	25 15/16	25	9	11 1/2	68 15/16	-	-

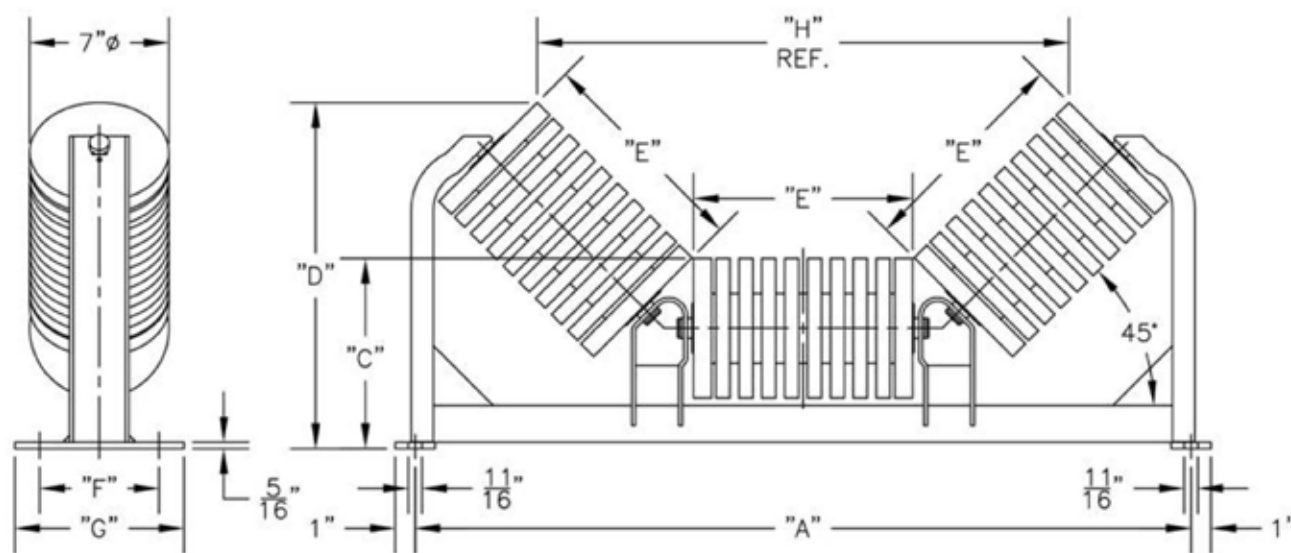
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 45°

In-line Carrying Idler Assembly

7" Diameter Impact Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602473	310329	45	11 5/16	20 11/16	13	6	8 1/2	33 5/8	-	-
42"	602474	276736	51	11 5/16	22 1/8	15	7 1/2	10	38 7/16	-	-
48"	602475	266892	57	11 5/16	23 9/16	17	7 1/2	10	43 1/4	-	-
54"	602476	274860	63	11 5/16	24 15/16	19	9	11 1/2	48 1/8	-	-
60"	602477	270786	69	11 5/16	26 3/8	21	9	11 1/2	52 15/16	-	-
72"	602478	266901	81	11 5/16	29 3/16	25	9	11 1/2	62 9/16	-	-

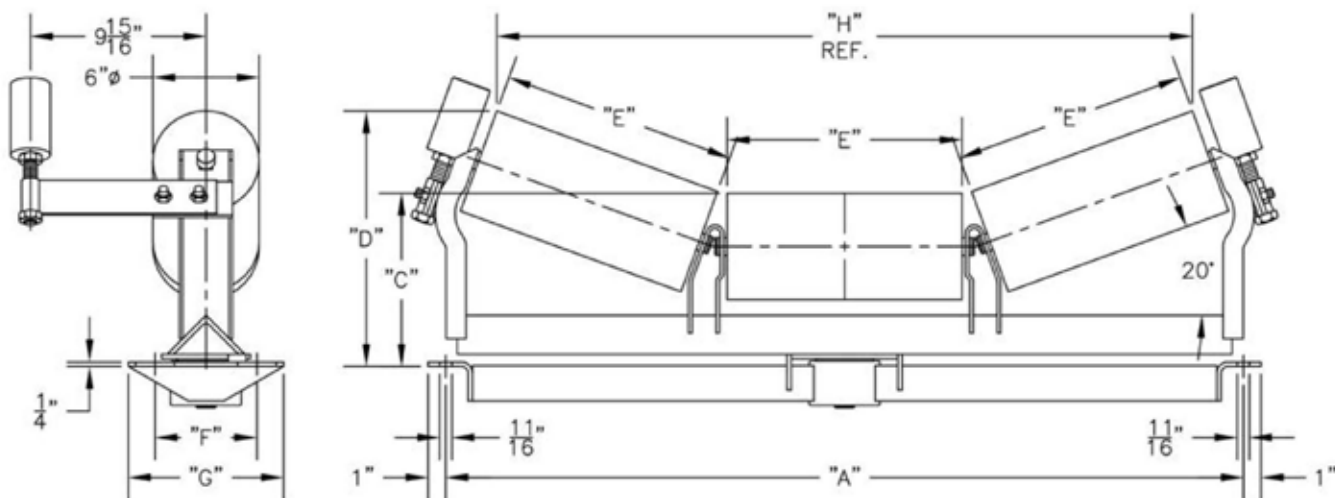
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 20°

In-line Training Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602479	273640	45	11 3/16	16 1/4	13 5/8	6	8 1/2	42 1/4	-	-
42"	602480	270612	51	11 3/16	17	15 5/8	7 1/2	10	48	-	-
48"	602481	274220	57	11 3/16	17 11/16	17 5/8	7 1/2	10	53 13/16	-	-
54"	602482	266879	63	11 3/16	18 3/8	19 5/8	9	11 1/2	59 9/16	-	-
60"	602483	266882	69	11 3/16	19 1/16	21 5/8	9	11 1/2	65 5/16	-	-
72"	602484	266885	81	12 1/16	21 3/16	25 5/8	9	11 1/2	76 13/16	-	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request.

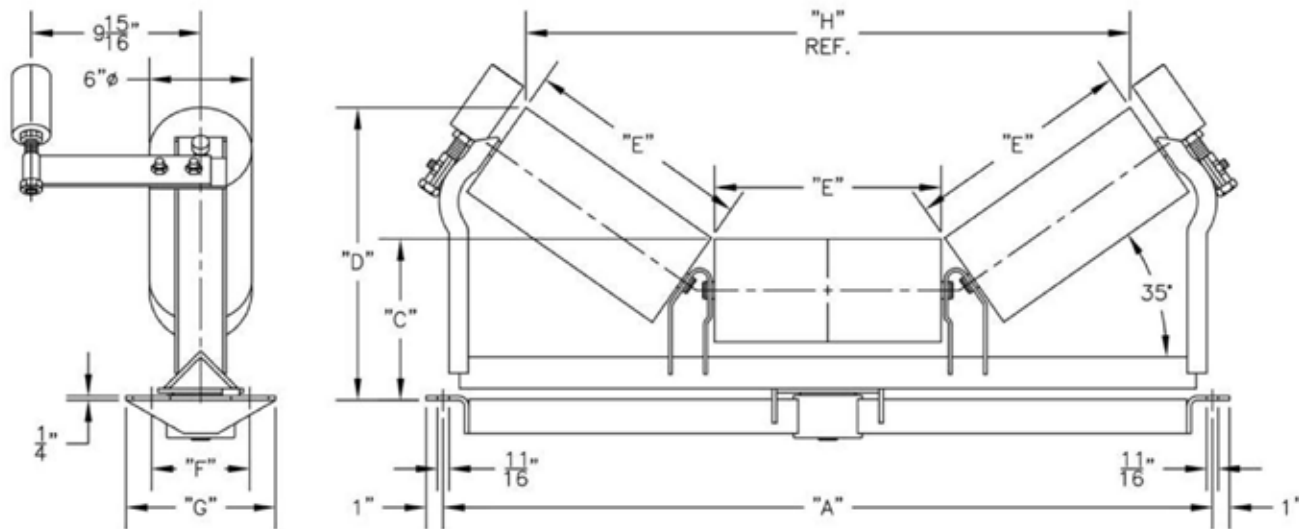
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 35°

In-line Training Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		D	E	F	G	H	Weight (lbs)	List Price
36"	602485	273640	45	11 3/16	19 1/2	13 5/8	6	8 1/2	38 3/16	-	-	-	-
42"	602486	270612	51	11 3/16	21	15 5/8	7 1/2	10	43 7/16	-	-	-	-
48"	602487	274220	57	11 3/16	22 1/8	17 5/8	7 1/2	10	48 3/4	-	-	-	-
54"	602488	266879	63	11 3/16	23 3/16	19 5/8	9	11 1/2	54	-	-	-	-
60"	602489	266882	69	11 3/16	24 7/16	21 5/8	9	11 1/2	59 5/16	-	-	-	-
72"	602490	266885	81	12 1/16	27 1/2	25 5/8	9	11 1/2	69 7/8	-	-	-	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request.

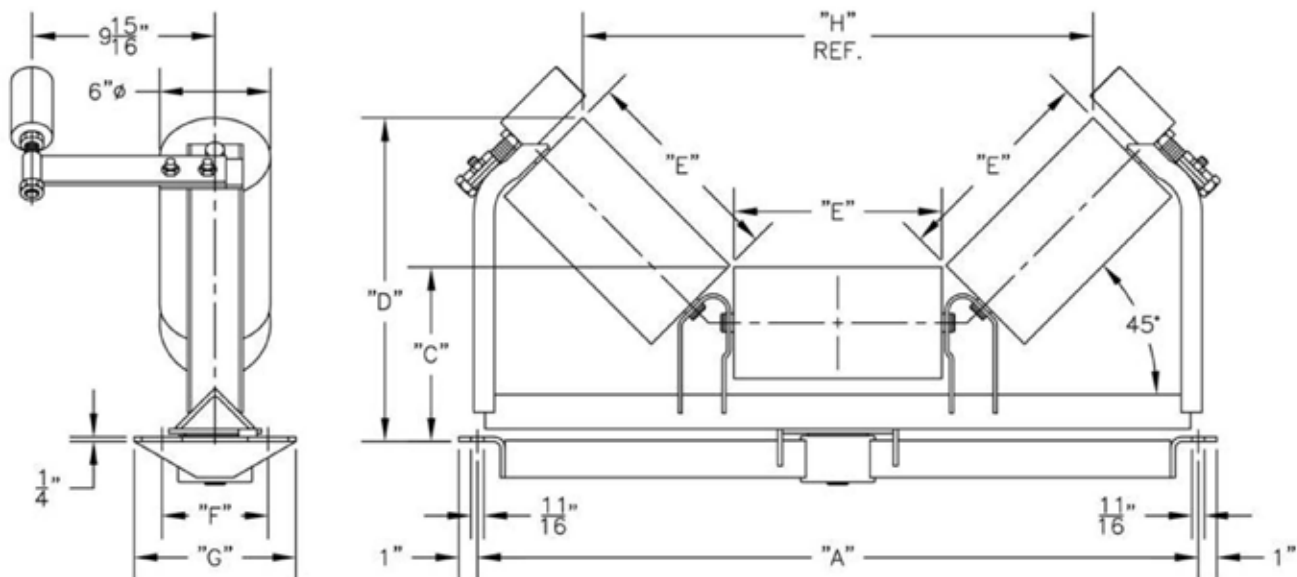
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 45°

In-line Training Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602491	273640	45	11 3/16	23 1/4	13 5/8	6	8 1/2	34 7/16	-	-
42"	602492	270612	51	11 3/16	23 5/16	15 5/8	7 1/2	10	39 1/4	-	-
48"	602493	274220	57	11 3/16	24 3/4	17 5/8	7 1/2	10	44 1/16	-	-
54"	602494	266879	63	11 3/16	26 3/16	19 5/8	9	11 1/2	48 7/8	-	-
60"	602495	266882	69	11 3/16	27 9/16	21 5/8	9	11 1/2	53 3/4	-	-
72"	602496	266885	81	12 1/16	31 1/8	25 5/8	9	11 1/2	63 3/8	-	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request.

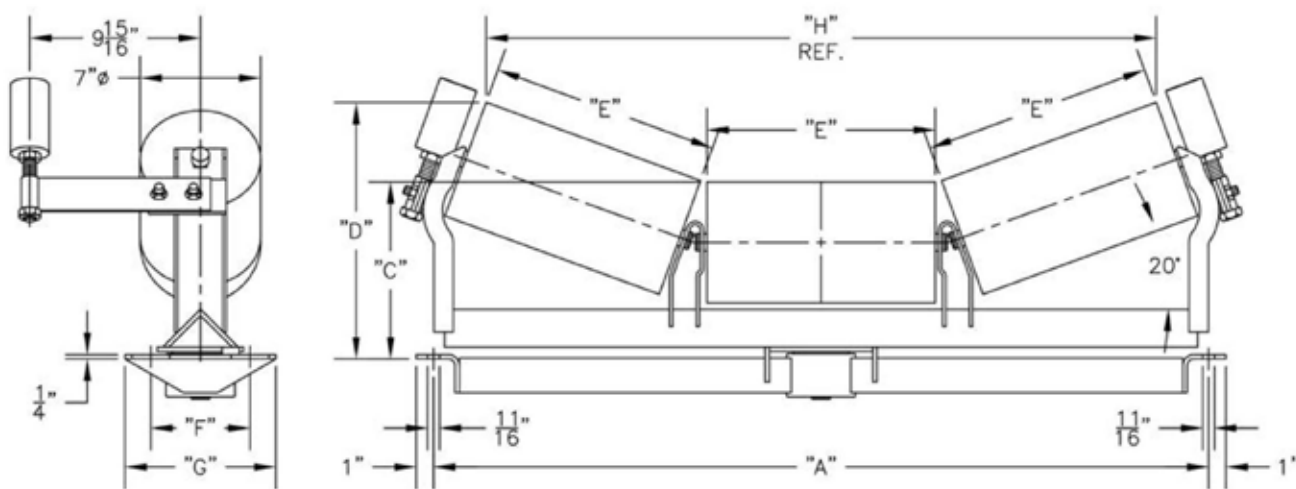
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 20°

In-line Training Idler Assembly

7" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
36"	602497	376440	45	11 13/16	16 11/16	13 5/8	6	8 1/2	41 15/16	-	-
42"	602498	266888	51	11 13/16	17 1/2	15 5/8	7 1/2	10	47 11/16	-	-
48"	602499	266891	57	11 13/16	18 3/16	17 5/8	7 1/2	10	53 7/16	-	-
54"	602500	266894	63	11 13/16	18 7/8	19 5/8	9	11 1/2	59 3/16	-	-
60"	602501	266897	69	11 13/16	19 9/16	21 5/8	9	11 1/2	64 15/16	-	-
72"	602502	266900	81	12 9/16	21 11/16	25 5/8	9	11 1/2	76 1/2	-	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request.

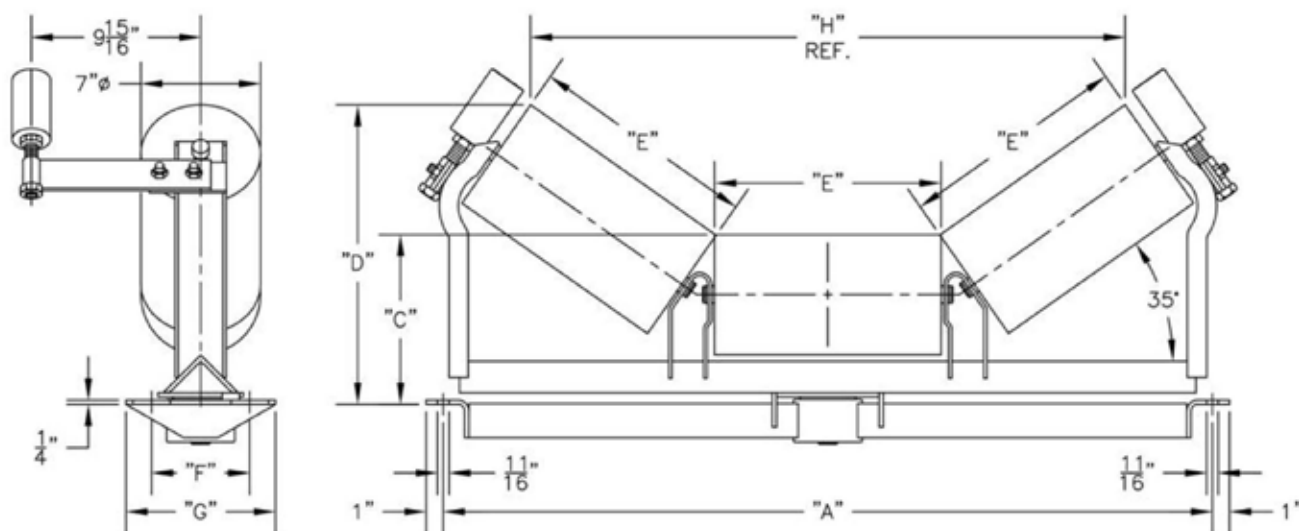
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 35°

In-line Training Idler Assembly

7" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602503	376440	45	11 13/16	19 7/8	13 1/4	6	8 1/2	37 5/8	-	-
42"	602504	266888	51	11 13/16	21 1/2	15 1/4	7 1/2	10	42 7/8	-	-
48"	602505	266891	57	11 13/16	22 5/8	17 1/4	7 1/2	10	48 3/16	-	-
54"	602506	266894	63	11 13/16	23 13/16	19 1/4	9	11 1/2	53 7/16	-	-
60"	602507	266897	69	11 13/16	24 15/16	21 1/4	9	11 1/2	58 3/4	-	-
72"	602508	266900	81	12 9/16	28	25 1/4	9	11 1/2	69 1/4	-	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request.

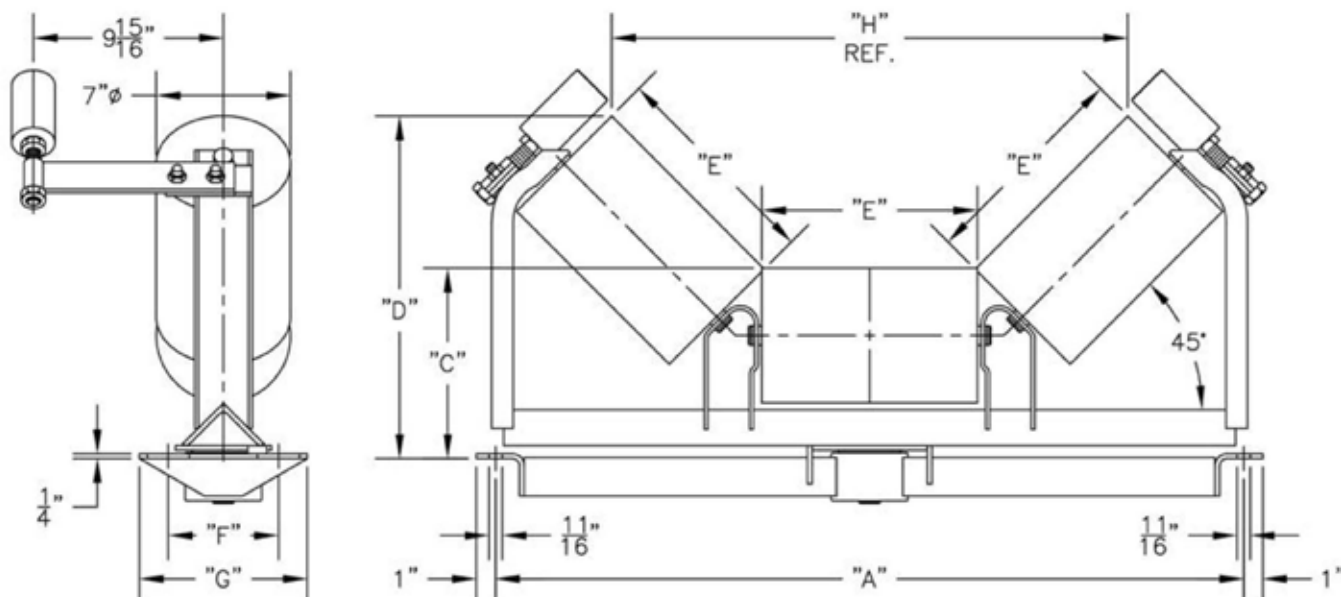
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 45°

In-line Training Idler Assembly

7" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602509	376440	45	11 13/16	21 5/8	13 1/4	6	8 1/2	33 11/16	-	-
42"	602510	266888	51	11 13/16	23 13/16	15 1/4	7 1/2	10	38 9/16	-	-
48"	602511	266891	57	11 13/16	25 1/4	17 1/4	7 1/2	10	43 3/8	-	-
54"	602512	266894	63	11 13/16	26 11/16	19 1/4	9	11 1/2	48 3/16	-	-
60"	602513	266897	69	11 13/16	28 1/16	21 1/4	9	11 1/2	53	-	-
72"	602514	266900	81	12 9/16	31 5/8	25 1/4	9	11 1/2	62 11/16	-	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request.

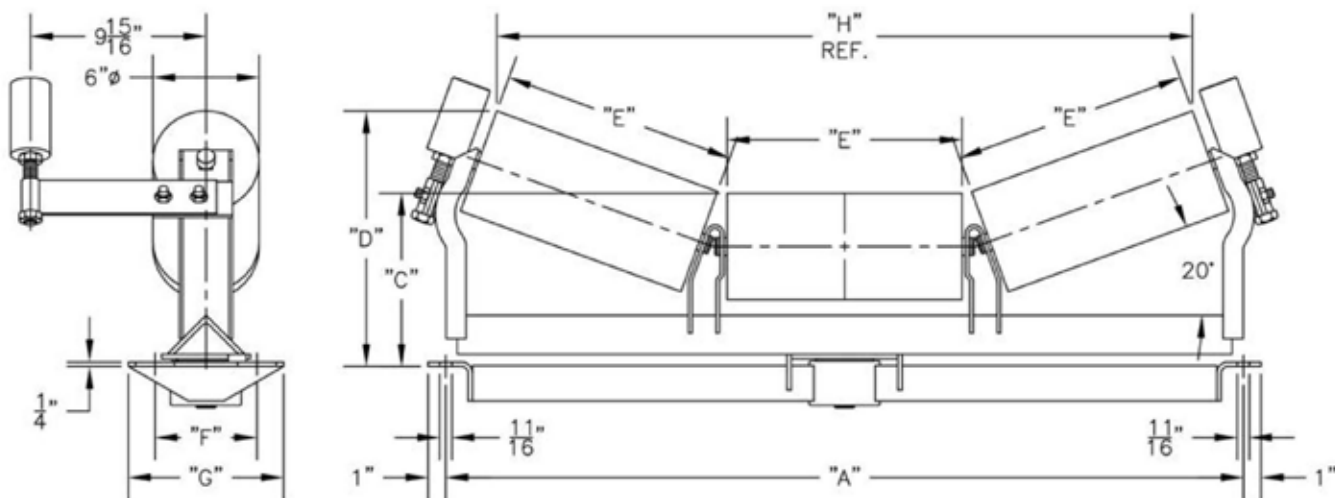
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 20°

In-line Training Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602515	299854	45	11 3/16	16 1/4	13 5/8	6	8 1/2	42 1/4	-	P.O.R.
42"	602516	301106	51	11 3/16	17	15 5/8	7 1/2	10	48	-	P.O.R.
48"	602517	341378	57	11 3/16	17 11/16	17 5/8	7 1/2	10	53 13/16	-	P.O.R.
54"	602518	341379	63	11 3/16	18 3/8	19 5/8	9	11 1/2	59 9/16	-	P.O.R.
60"	602519	287886	69	11 3/16	19 1/16	21 5/8	9	11 1/2	65 5/16	-	P.O.R.
72"	602520	341382	81	12 1/16	21 3/16	25 5/8	9	11 1/2	76 13/16	-	P.O.R.

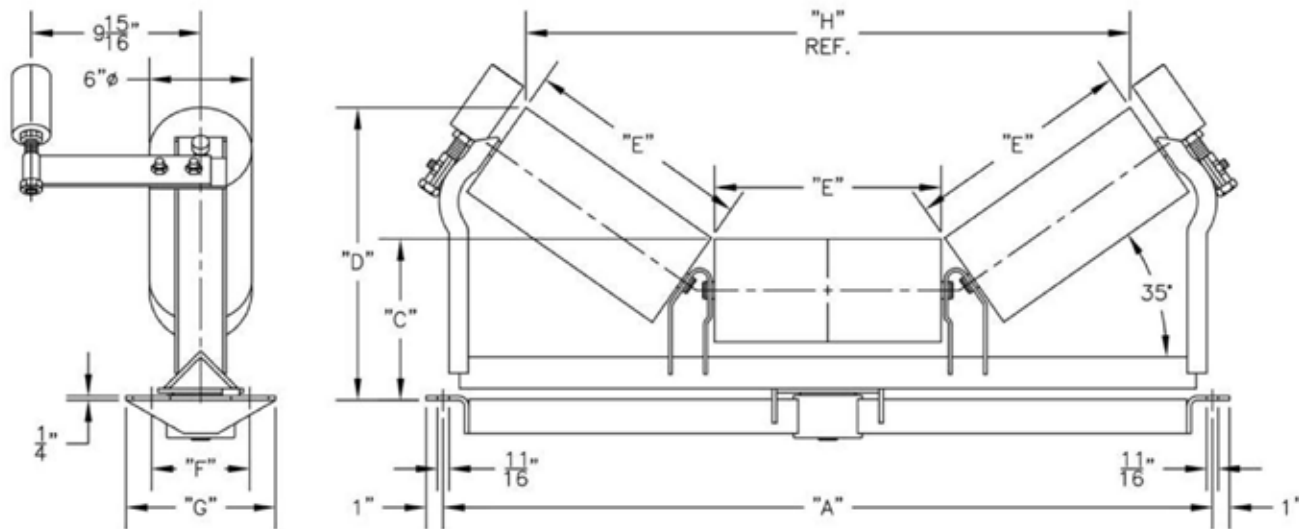
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 35°

In-line Training Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602521	299854	45	11 3/16	19 1/2	13 5/8	6	8 1/2	38 3/16	-	P.O.R.
42"	602522	301106	51	11 3/16	21	15 5/8	7 1/2	10	43 7/16	-	P.O.R.
48"	602523	341378	57	11 3/16	22 1/8	17 5/8	7 1/2	10	48 3/4	-	P.O.R.
54"	602524	341379	63	11 3/16	23 3/16	19 5/8	9	11 1/2	54	-	P.O.R.
60"	602525	287886	69	11 3/16	24 7/16	21 5/8	9	11 1/2	59 5/16	-	P.O.R.
72"	602526	341382	81	12 1/16	27 1/2	25 5/8	9	11 1/2	69 7/8	-	P.O.R.

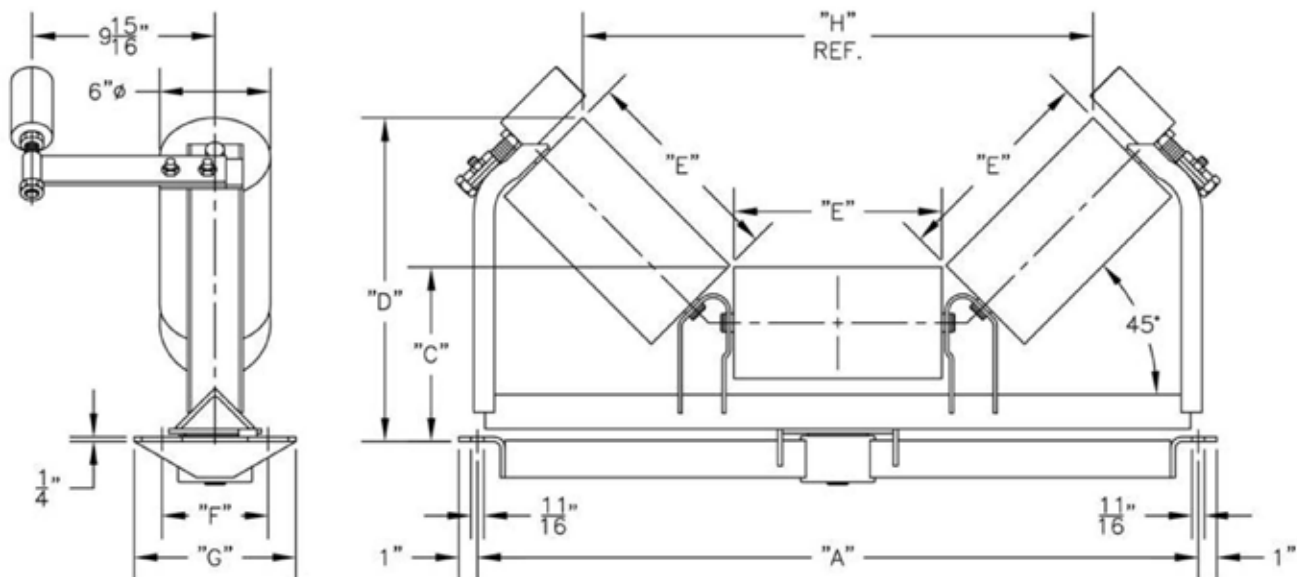
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 45°

In-line Training Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602527	299854	45	11 3/16	23 1/4	13 5/8	6	8 1/2	34 7/16	-	P.O.R.
42"	602528	301106	51	11 3/16	23 5/16	15 5/8	7 1/2	10	39 1/4	-	P.O.R.
48"	602529	341378	57	11 3/16	24 3/4	17 5/8	7 1/2	10	44 1/16	-	P.O.R.
54"	602530	341379	63	11 3/16	26 3/16	19 5/8	9	11 1/2	48 7/8	-	P.O.R.
60"	602531	287886	69	11 3/16	27 9/16	21 5/8	9	11 1/2	53 3/4	-	P.O.R.
72"	602532	341382	81	12 1/16	31 1/8	25 5/8	9	11 1/2	63 3/8	-	P.O.R.

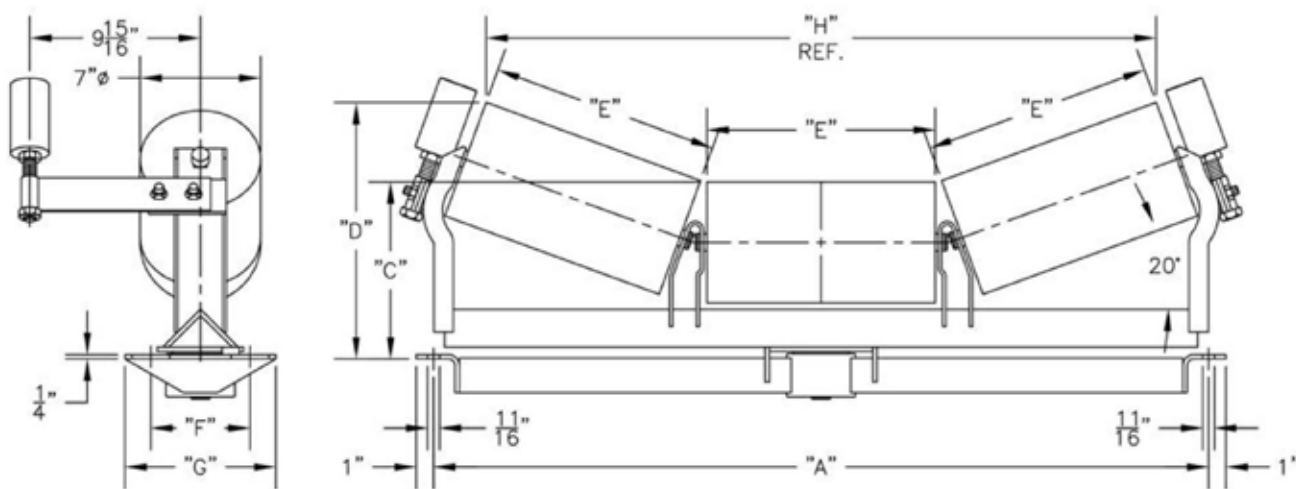
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 20°

In-line Training Idler Assembly

7" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)			D	E	F	G	H	Weight (lbs)	List Price
36"	602533	286064	45	11 13/16	16 11/16	13 5/8	6	8 1/2	41 15/16	-	P.O.R.			
42"	602534	366118	51	11 13/16	17 1/2	15 5/8	7 1/2	10	47 11/16	-	P.O.R.			
48"	602535	366120	57	11 13/16	18 3/16	17 5/8	7 1/2	10	53 7/16	-	P.O.R.			
54"	602536	338418	63	11 13/16	18 7/8	19 5/8	9	11 1/2	59 3/16	-	P.O.R.			
60"	602537	351949	69	11 13/16	19 9/16	21 5/8	9	11 1/2	64 15/16	-	P.O.R.			
72"	602538	272191	81	12 9/16	21 11/16	25 5/8	9	11 1/2	76 1/2	-	P.O.R.			

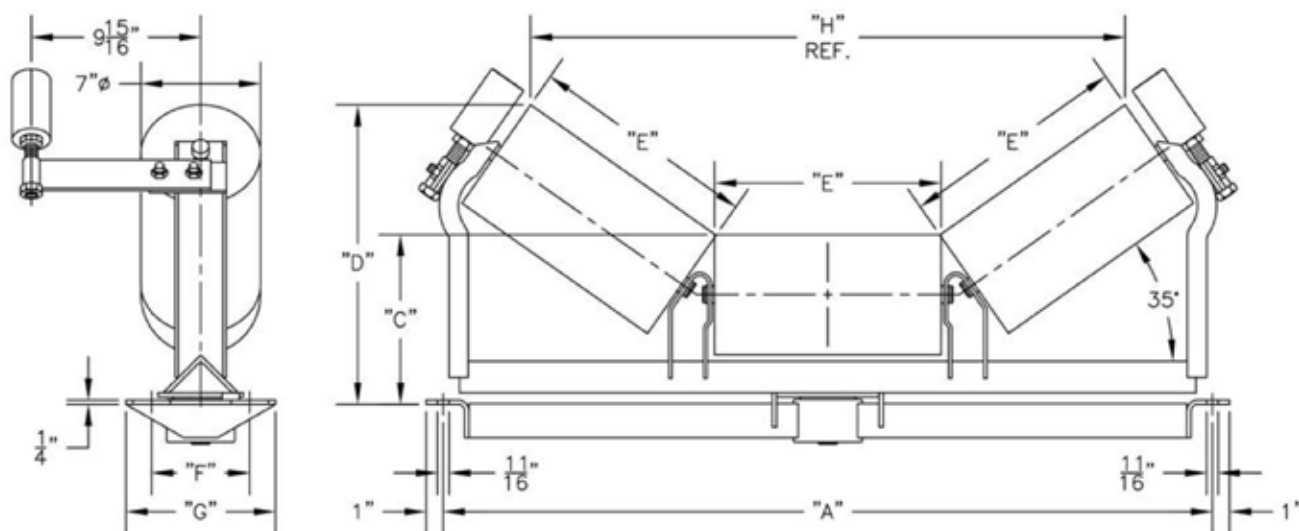
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 35°

In-line Training Idler Assembly

7" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602539	286064	45	11 13/16	19 7/8	13 1/4	6	8 1/2	37 5/8	-	P.O.R.
42"	602540	366118	51	11 13/16	21 1/2	15 1/4	7 1/2	10	42 7/8	-	P.O.R.
48"	602541	366120	57	11 13/16	22 5/8	17 1/4	7 1/2	10	48 3/16	-	P.O.R.
54"	602542	338418	63	11 13/16	23 13/16	19 1/4	9	11 1/2	53 7/16	-	P.O.R.
60"	602543	351949	69	11 13/16	24 15/16	21 1/4	9	11 1/2	58 3/4	-	P.O.R.
72"	602544	272191	81	12 9/16	28	25 1/4	9	11 1/2	69 1/4	-	P.O.R.

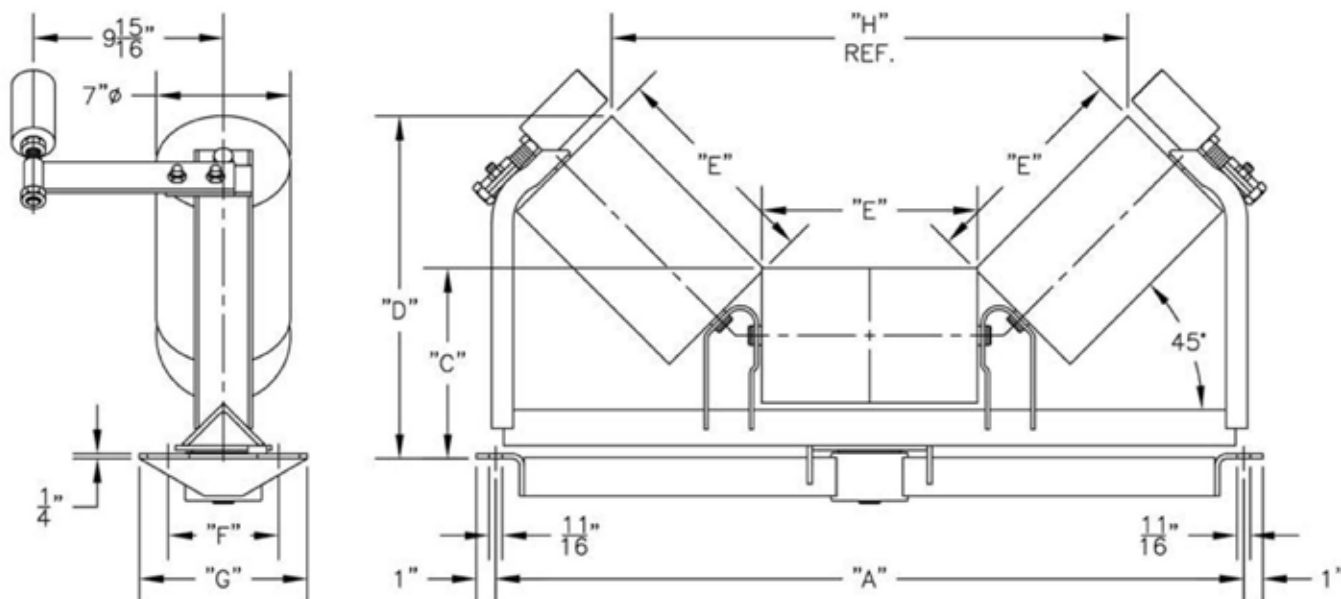
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 45°

In-line Training Idler Assembly

7" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	Dimensions (inches)							Weight (lbs)	List Price
A	C	D	E	F	G	H					
36"	602545	286064	45	11 13/16	21 5/8	13 1/4	6	8 1/2	33 11/16	-	P.O.R.
42"	602546	366118	51	11 13/16	23 13/16	15 1/4	7 1/2	10	38 9/16	-	P.O.R.
48"	602547	366120	57	11 13/16	25 1/4	17 1/4	7 1/2	10	43 3/8	-	P.O.R.
54"	602548	338418	63	11 13/16	26 11/16	19 1/4	9	11 1/2	48 3/16	-	P.O.R.
60"	602549	351949	69	11 13/16	28 1/16	21 1/4	9	11 1/2	53	-	P.O.R.
72"	602550	272191	81	12 9/16	31 5/8	25 1/4	9	11 1/2	62 11/16	-	P.O.R.

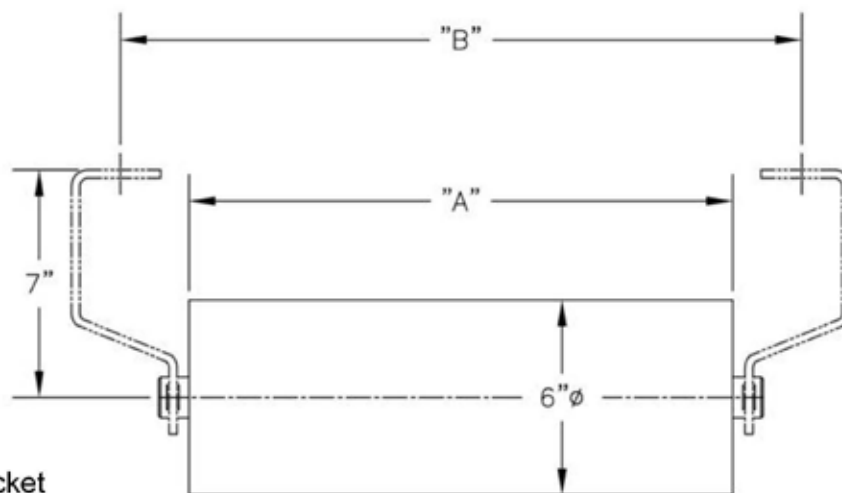
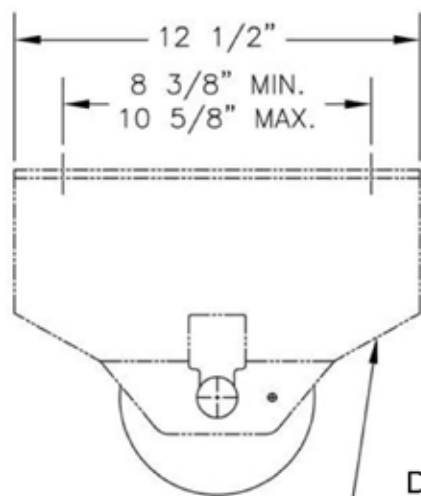
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Return Idler Assembly

6" Diameter Steel Roll



Drop Bracket
Part Number: 338817
Weight: 7 lbs.
List Price:
Sold separately from return roll.

Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
36"	602551	40 3/4	45	80	-
42"	358962	46 3/4	51	90	-
48"	342575	52 3/4	57	100	-
54"	376433	58 3/4	63	110	-
60"	376434	64 3/4	69	119	-
72 "	355448	76 3/4	81	139	-

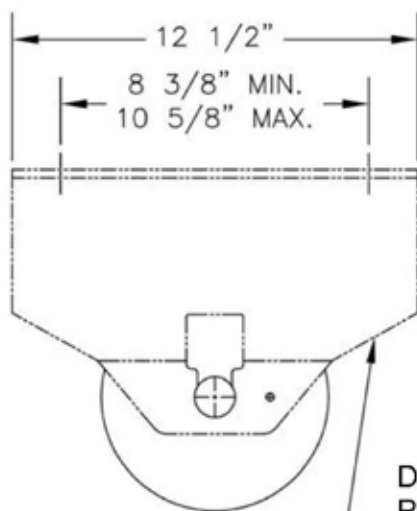
All Cat CEMA E Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

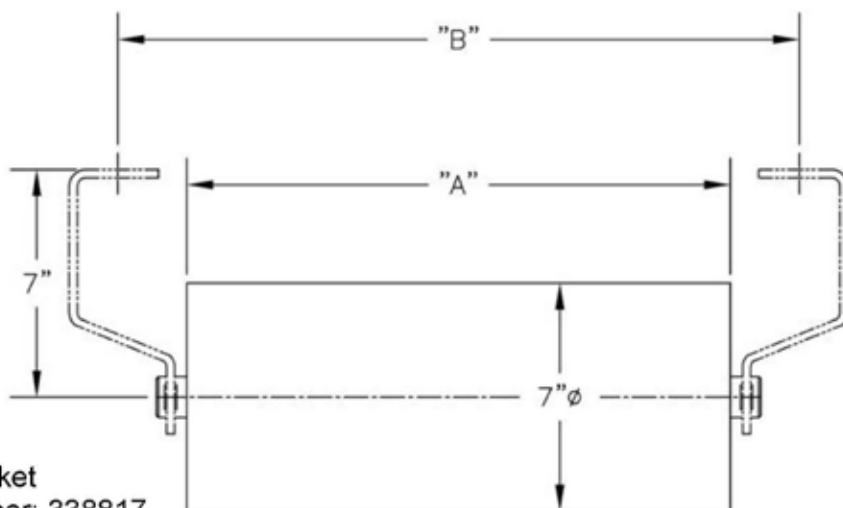
CEMA E

Return Idler Assembly

7" Diameter Steel Roll



Drop Bracket
Part Number: 338817
Weight: 7 lbs.
List Price:
Sold separately from return roll.



Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
36"	392102	40 3/4	45	91	-
42"	376441	46 3/4	51	102	-
48"	376458	52 3/4	57	114	-
54"	376459	58 3/4	63	125	-
60"	376460	64 3/4	69	136	-
72 "	630017	76 3/4	81	158	-

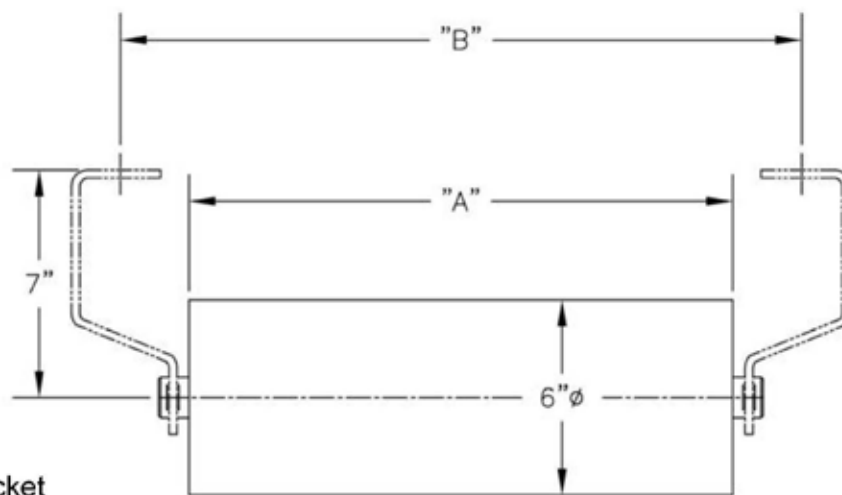
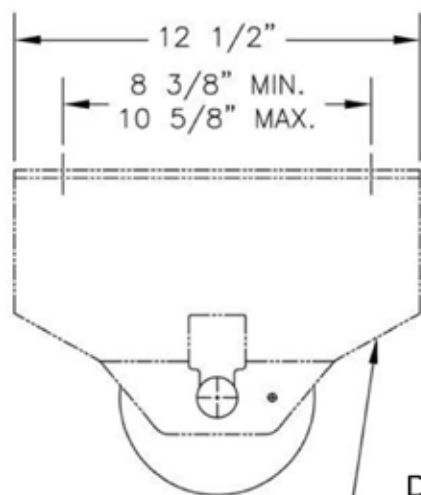
All Cat CEMA E Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Return Idler Assembly

6" Diameter EXALON Roll



Drop Bracket
Part Number: 338817
Weight: 7 lbs.
List Price:
Sold separately from return roll.

Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
36"	391653	40 3/4	45	67	-
42"	391654	46 3/4	51	75	-
48"	391655	52 3/4	57	85	-
54"	343190	58 3/4	63	92	-
60"	343191	64 3/4	69	99	-
72 "	343193	76 3/4	81	114	-

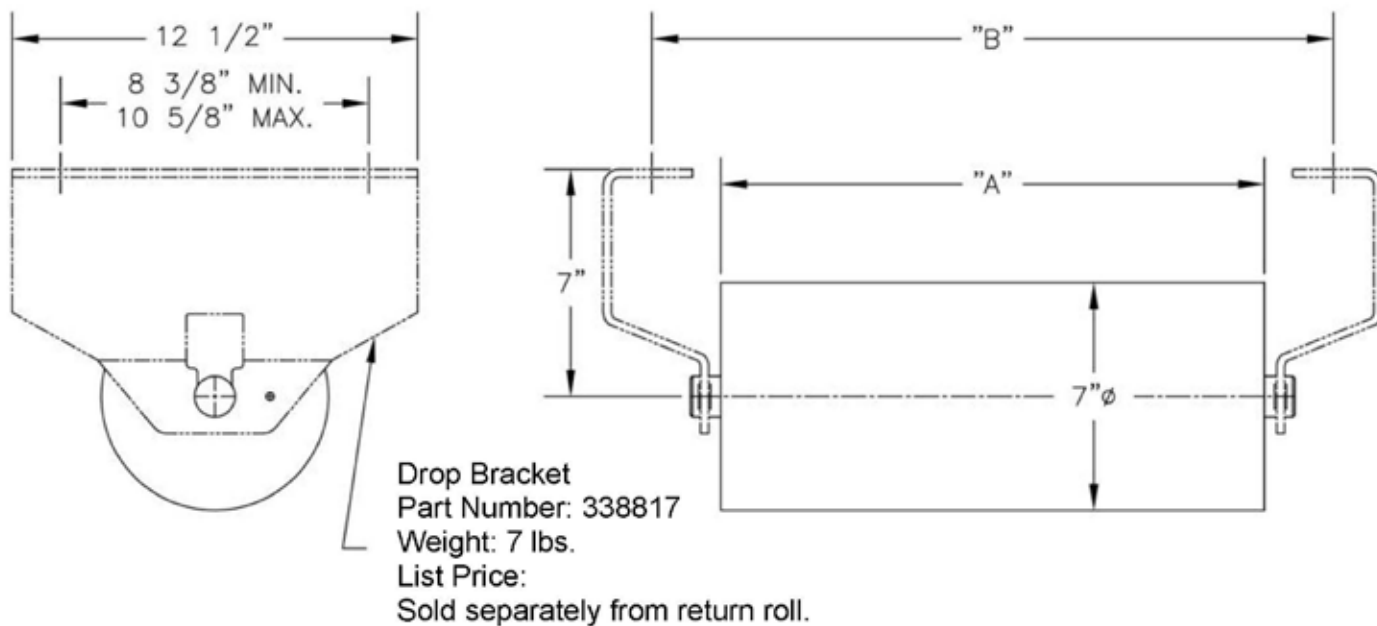
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Return Idler Assembly

7" Diameter EXALON Roll



Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
36"	602553	40 3/4	45	75	-
42"	602554	46 3/4	51	83	-
48"	602555	52 3/4	57	94	-
54"	602556	58 3/4	63	102	-
60"	602557	64 3/4	69	110	-
72 "	602558	76 3/4	81	126	-

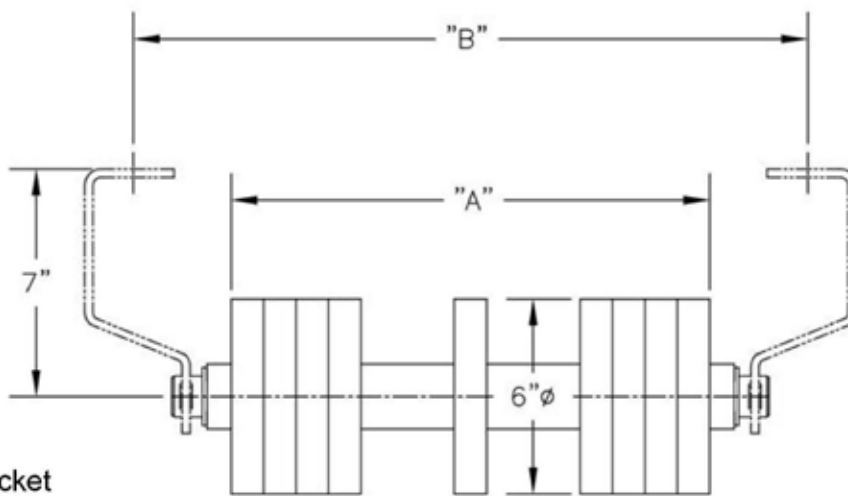
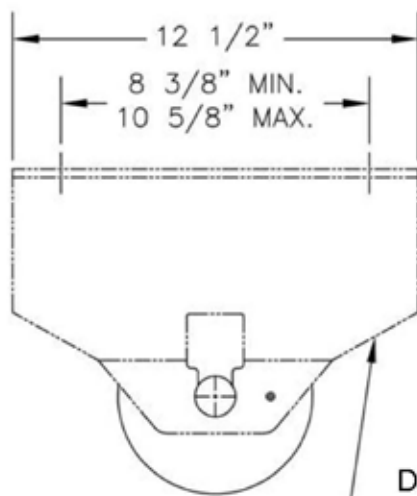
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Return Idler Assembly

6" Diameter Rubber Disc Roll



Drop Bracket
Part Number: 338817
Weight: 7 lbs.
List Price:
Sold separately from return roll.

Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
36"	602559	38 5/8	45	-	-
42"	375343	44 5/8	51	-	-
48"	375344	50 5/8	57	-	-
54"	375345	56 5/8	63	-	-
60"	375346	62 5/8	69	-	-
72 "	375348	74 5/8	81	-	-

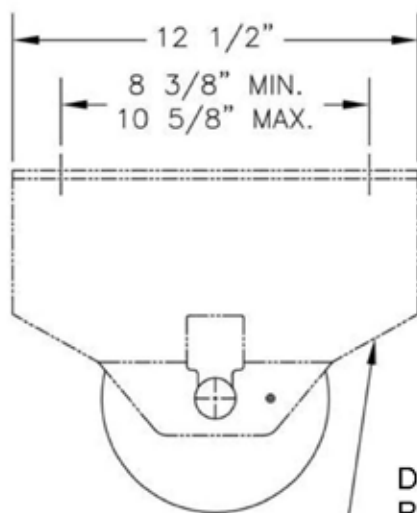
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

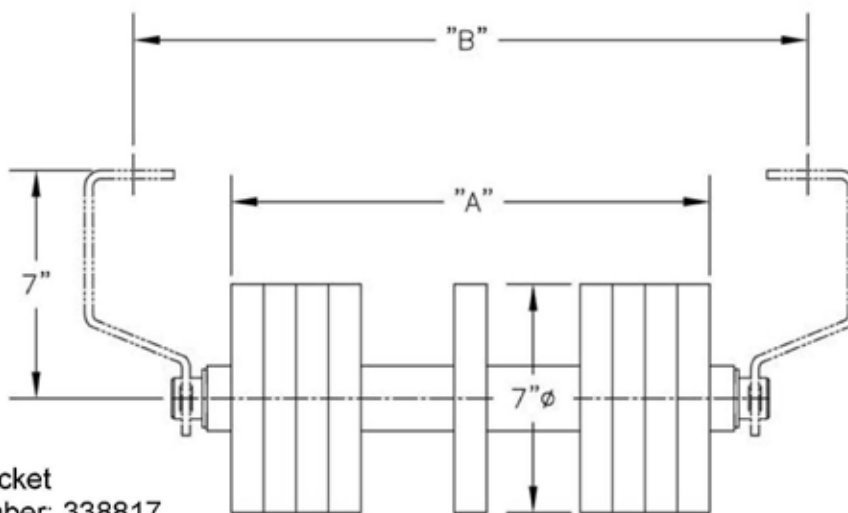
CEMA E

Return Idler Assembly

7" Diameter Rubber Disc Roll



Drop Bracket
Part Number: 338817
Weight: 7 lbs.
List Price:
Sold separately from return roll.



Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
36"	602560	38 5/8	45	-	-
42"	385655	44 5/8	51	-	-
48"	385656	50 5/8	57	-	-
54"	385657	56 5/8	63	-	-
60"	385658	62 5/8	69	-	-
72 "	385660	74 5/8	81	-	-

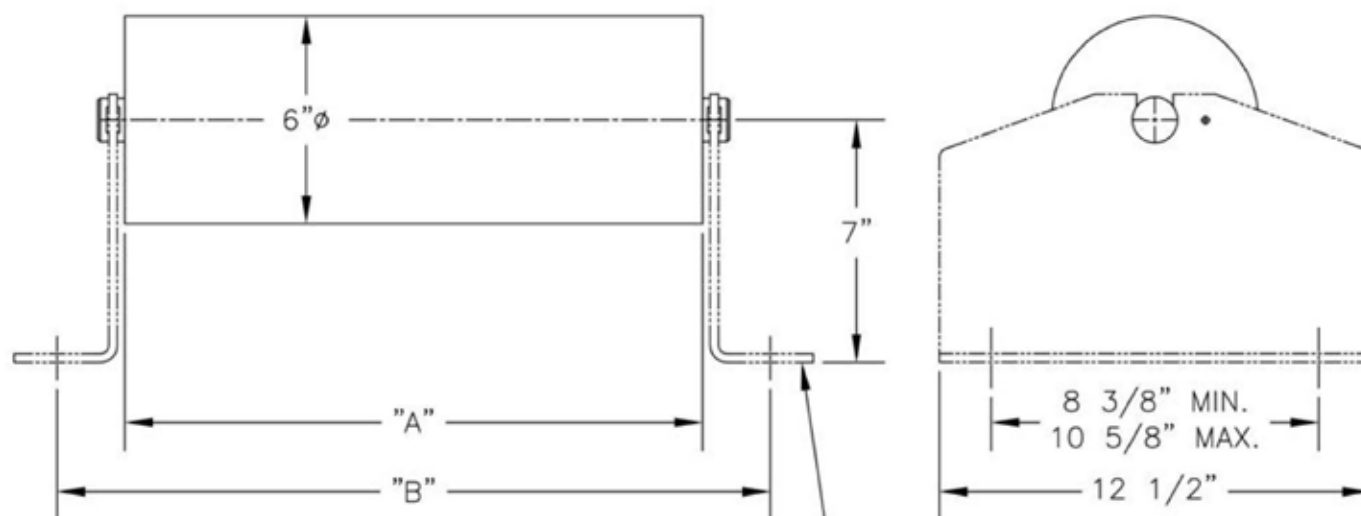
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Flat Belt Idler Assembly

6" Diameter Steel Roll



Drop Bracket
Part Number: 387909
Weight: 8 lbs.
List Price:
Sold separately from return roll.

Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
36"	602551	40 3/4	45	80	-
42"	358962	46 3/4	51	90	-
48"	342575	52 3/4	57	100	-
54"	376433	58 3/4	63	110	-
60"	376434	64 3/4	69	119	-
72 "	355448	76 3/4	81	139	-

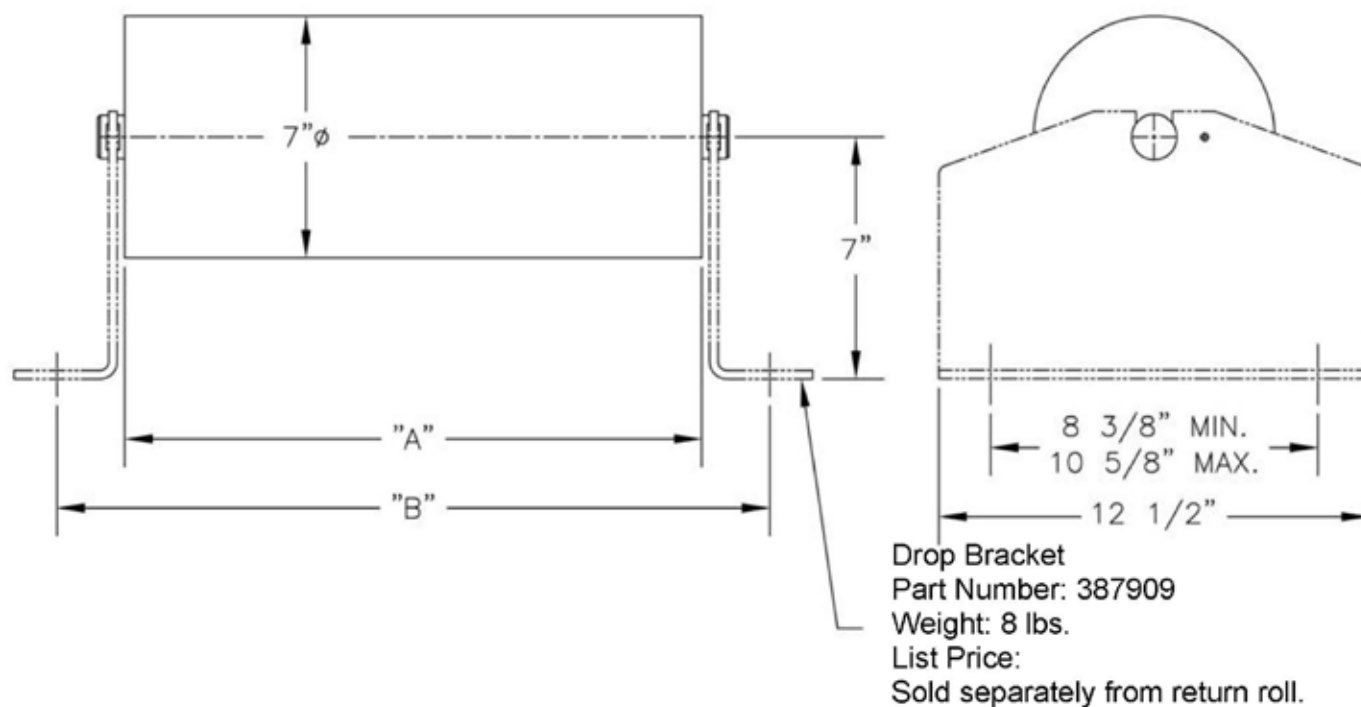
All Cat CEMA E Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Flat Belt Idler Assembly

7" Diameter Steel Roll



Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
36"	392102	40 3/4	45	91	-
42"	376441	46 3/4	51	102	-
48"	376458	52 3/4	57	114	-
54"	376459	58 3/4	63	125	-
60"	376460	64 3/4	69	136	-
72 "	630017	76 3/4	81	158	-

All Cat CEMA E Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

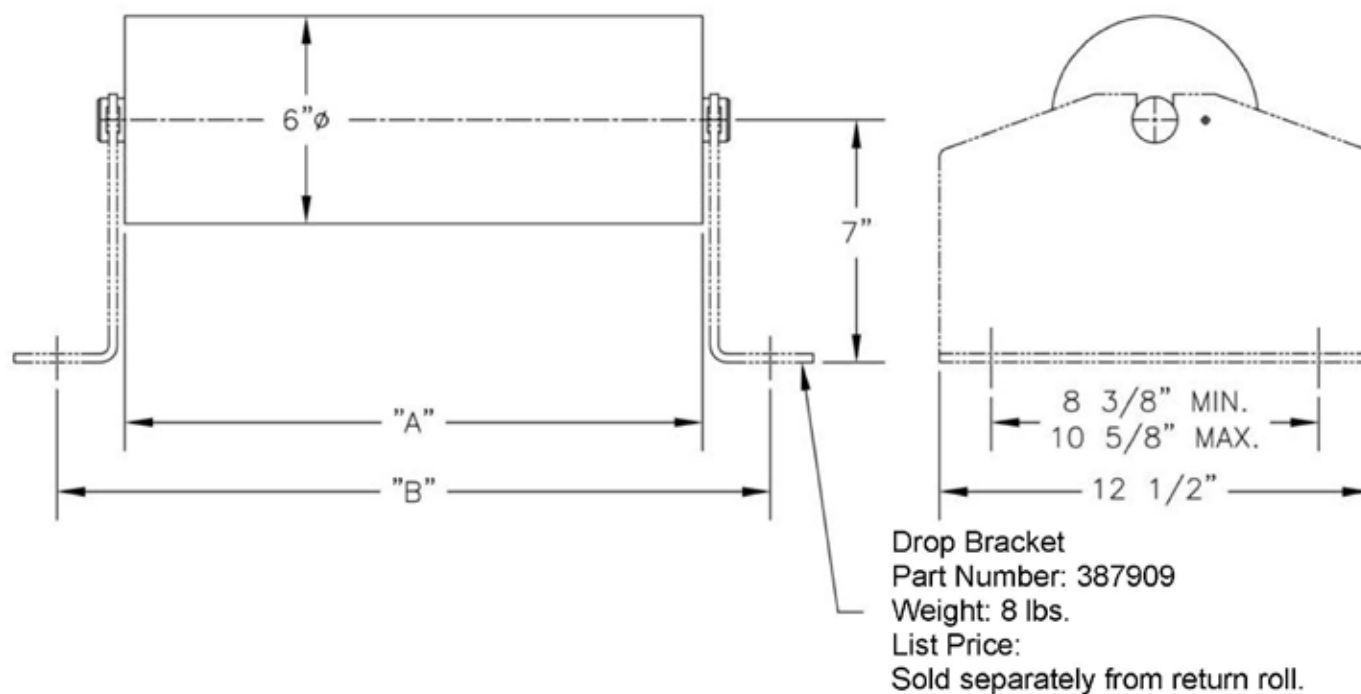
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Flat Belt Idler Assembly

6" Diameter EXALON Roll



Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
36"	391653	40 3/4	45	67	-
42"	391654	46 3/4	51	75	-
48"	391655	52 3/4	57	85	-
54"	343190	58 3/4	63	92	-
60"	343191	64 3/4	69	99	-
72 "	343193	76 3/4	81	114	-

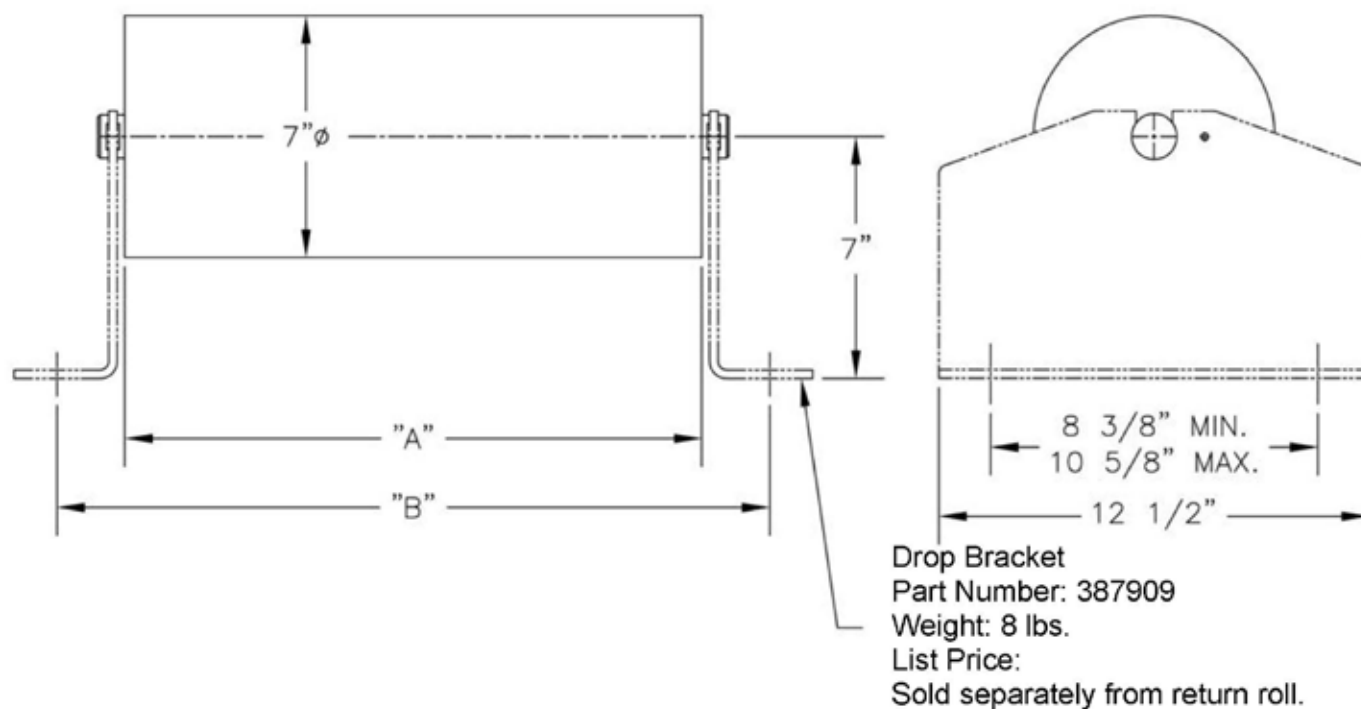
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Flat Belt Idler Assembly

7" Diameter EXALON Roll



Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
36"	602553	40 3/4	45	75	-
42"	602554	46 3/4	51	83	-
48"	602555	52 3/4	57	94	-
54"	602556	58 3/4	63	102	-
60"	602557	64 3/4	69	110	-
72 "	602558	76 3/4	81	126	-

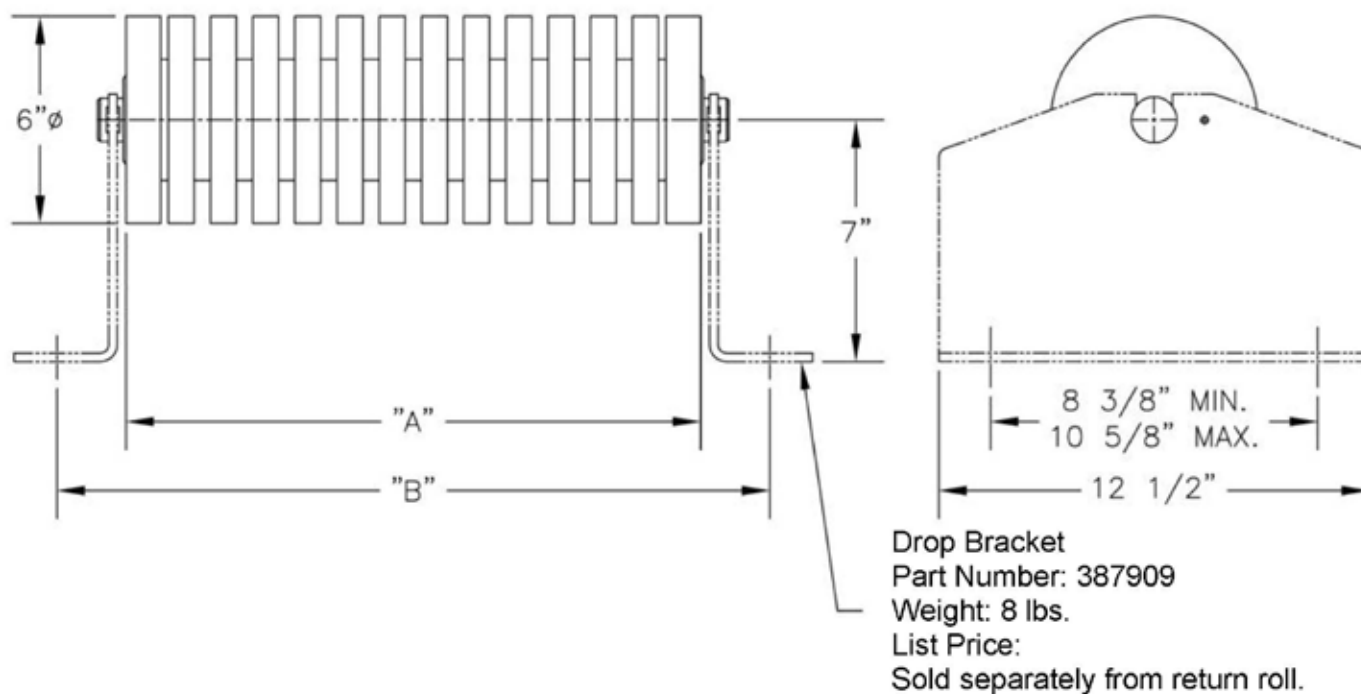
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Flat Belt Idler Assembly

6" Diameter Impact Roll



Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
36"	602852	39 5/8	45	44	-
42"	371199	45 5/8	51	50	-
48"	371201	51 5/8	57	55	-
54"	371202	57 5/8	63	61	-
60"	371242	63 5/8	69	67	-
72 "	371248	75 5/8	81	77	-

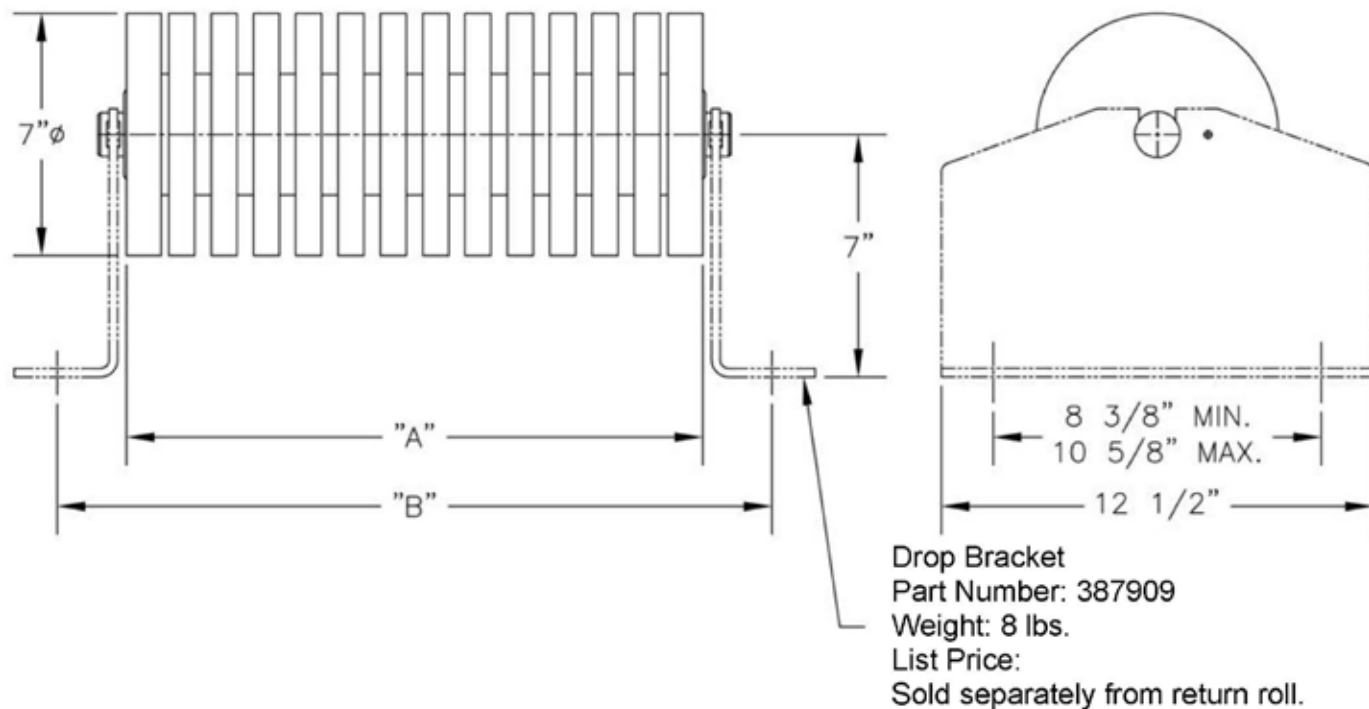
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Flat Belt Idler Assembly

7" Diameter Impact Roll



Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
36"	602856	39 5/8	45	46	-
42"	602857	45 5/8	51	52	-
48"	602858	51 5/8	57	57	-
54"	602859	57 5/8	63	63	-
60"	602860	63 5/8	69	69	-
72 "	602863	75 5/8	81	79	-

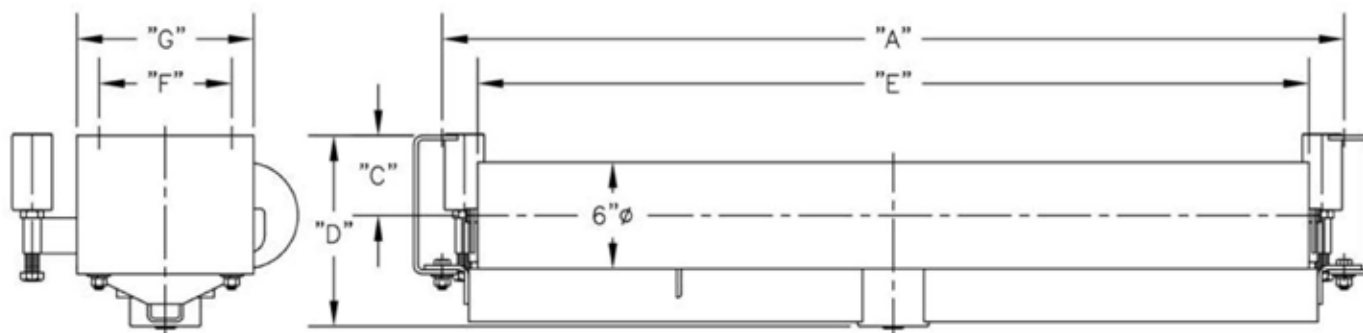
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Return Training Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	Weight (lbs)	List Price
36"	602561	602551	45	7 1/2	9 3/4	40 3/4	5 1/4	7 3/4	-	P.O.R.
42"	602562	358962	51	7 1/2	10 3/4	46 3/4	7 1/2	10	-	P.O.R.
48"	602563	342575	57	7 1/2	10 3/4	52 3/4	7 1/2	10	-	P.O.R.
54"	602564	376433	63	7 1/2	10 3/4	58 3/4	9	11 1/2	-	P.O.R.
60"	602565	376434	69	7 1/2	10 3/4	64 3/4	9	11 1/2	-	P.O.R.
72"	602566	355448	81	7 1/2	10 3/4	76 3/4	9	11 1/2	-	P.O.R.

All Cat CEMA E Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

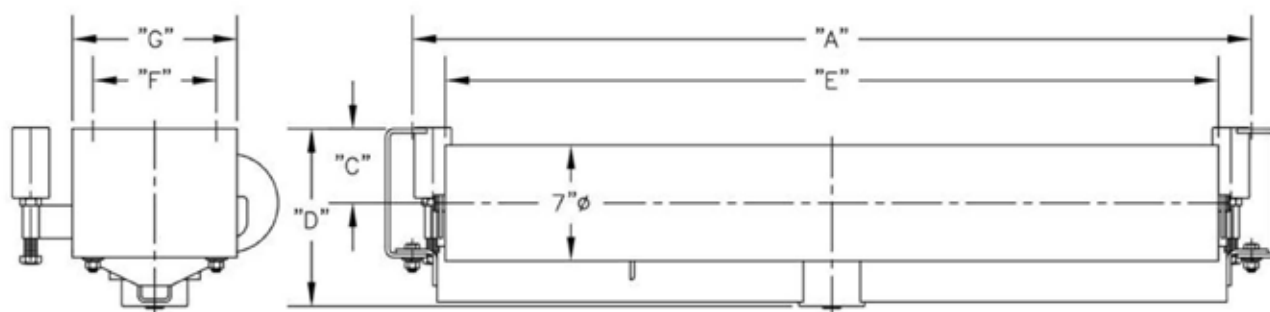
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Return Training Idler Assembly

7" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		D	E	F	G	Weight (lbs)	List Price
36"	602567	392102	45	7 1/2	9 3/4	40 3/4	5 1/4	7 3/4	-	P.O.R.		
42"	602568	376441	51	7 1/2	10 3/4	46 3/4	7 1/2	10	-	P.O.R.		
48"	602569	376458	57	7 1/2	10 3/4	52 3/4	7 1/2	10	-	P.O.R.		
54"	602570	376459	63	7 1/2	10 3/4	58 3/4	9	11 1/2	-	P.O.R.		
60"	602571	376460	69	7 1/2	10 3/4	64 3/4	9	11 1/2	-	P.O.R.		
72"	602572	630017	81	7 1/2	10 3/4	76 3/4	9	11 1/2	-	P.O.R.		

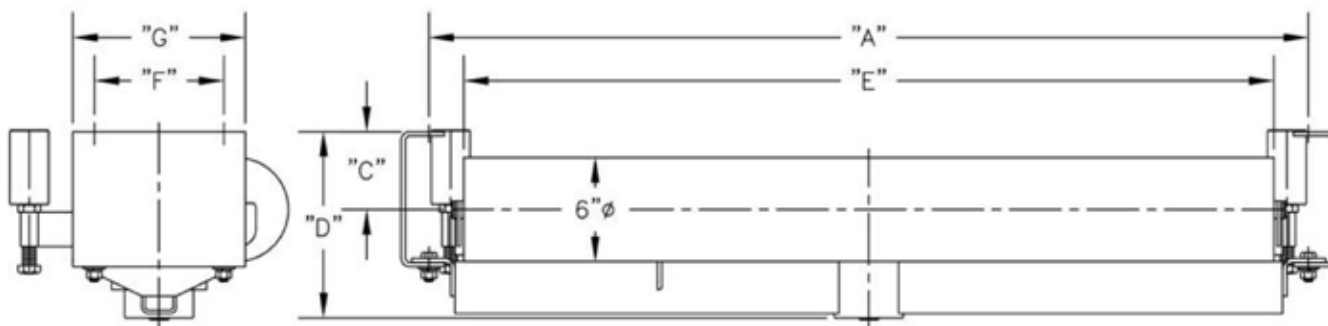
All Cat CEMA E Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Return Training Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)			F	G	Weight (lbs)	List Price
					D	E					
36"	602585	391653	45	7	13 1/4	40 3/4	5 1/4	7 3/4	-	-	
42"	602586	391654	51	7	13 1/4	46 3/4	7 1/2	10	-	-	
48"	602587	391655	57	7	13 1/4	52 3/4	7 1/2	10	-	-	
54"	602588	343190	63	7	13 1/4	58 3/4	9	11 1/2	-	-	
60"	602589	343191	69	7	13 1/4	64 3/4	9	11 1/2	-	-	
72"	602590	343193	81	7	13 1/4	76 3/4	9	11 1/2	-	-	

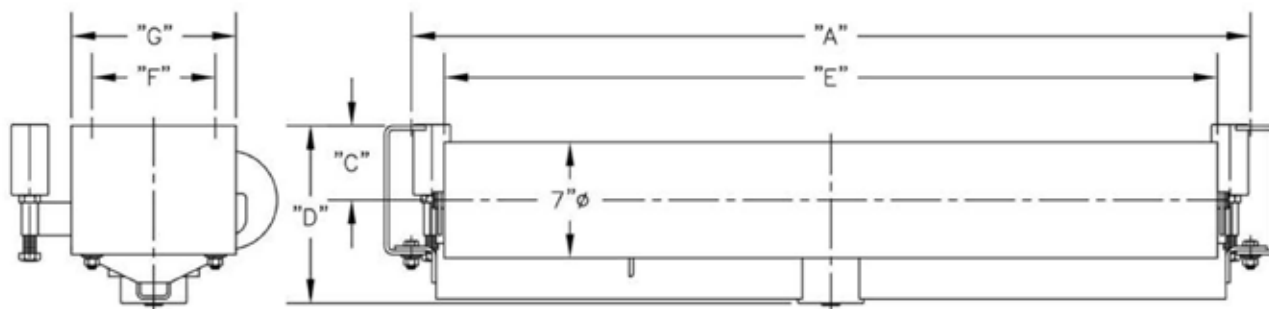
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Return Training Idler Assembly

7" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	Weight (lbs)	List Price
					D	E				
36"	602591	602553	45	7	13 1/4	40 3/4	5 1/4	7 3/4	-	-
42"	602592	602554	51	7	13 1/4	46 3/4	7 1/2	10	-	-
48"	602593	602555	57	7	13 1/4	52 3/4	7 1/2	10	-	-
54"	602594	602556	63	7	13 1/4	58 3/4	9	11 1/2	-	-
60"	602595	602557	69	7	13 1/4	64 3/4	9	11 1/2	-	-
72"	602596	602558	81	7	13 1/4	76 3/4	9	11 1/2	-	-

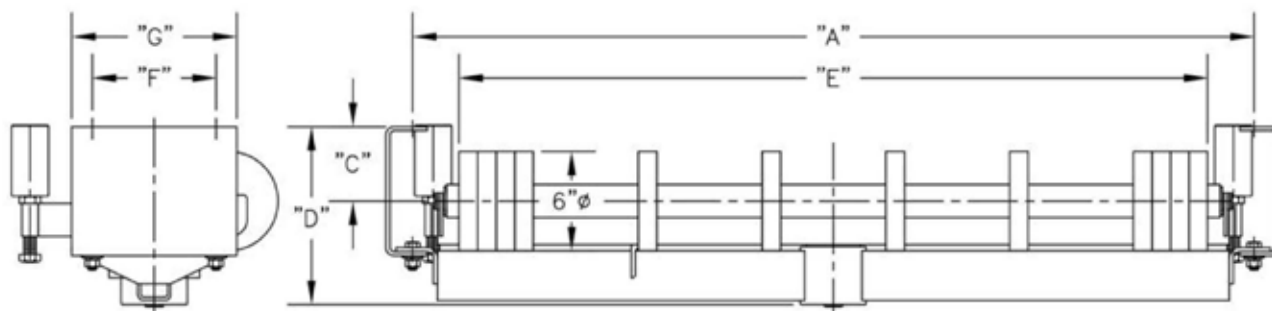
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Return Training Idler Assembly

6" Diameter Rubber Disc Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	Weight (lbs)	List Price
					D	E				
36"	602597	602559	45	7	13 1/4	38 5/8	5 1/4	7 3/4	-	-
42"	602598	375343	51	7	13 1/4	44 5/8	7 1/2	10	-	-
48"	602599	375344	57	7	13 1/4	50 5/8	7 1/2	10	-	-
54"	602600	375345	63	7	13 1/4	56 5/8	9	11 1/2	-	-
60"	602601	375346	69	7	13 1/4	62 5/8	9	11 1/2	-	-
72"	602602	375348	81	7	13 1/4	74 5/8	9	11 1/2	-	-

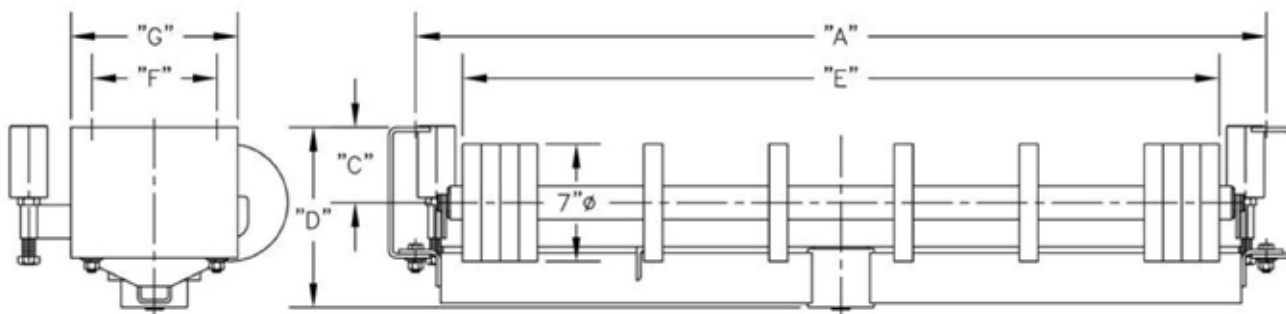
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Return Training Idler Assembly

7" Diameter Rubber Disc Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	Weight (lbs)	List Price
					D	E				
36"	602603	602560	45	7	13 1/4	38 5/8	5 1/4	7 3/4	-	-
42"	385627	385655	51	7	13 1/4	44 5/8	7 1/2	10	-	-
48"	385628	385656	57	7	13 1/4	50 5/8	7 1/2	10	-	-
54"	385630	385657	63	7	13 1/4	56 5/8	9	11 1/2	-	-
60"	385631	385658	69	7	13 1/4	62 5/8	9	11 1/2	-	-
72"	385632	385660	81	7	13 1/4	74 5/8	9	11 1/2	-	-

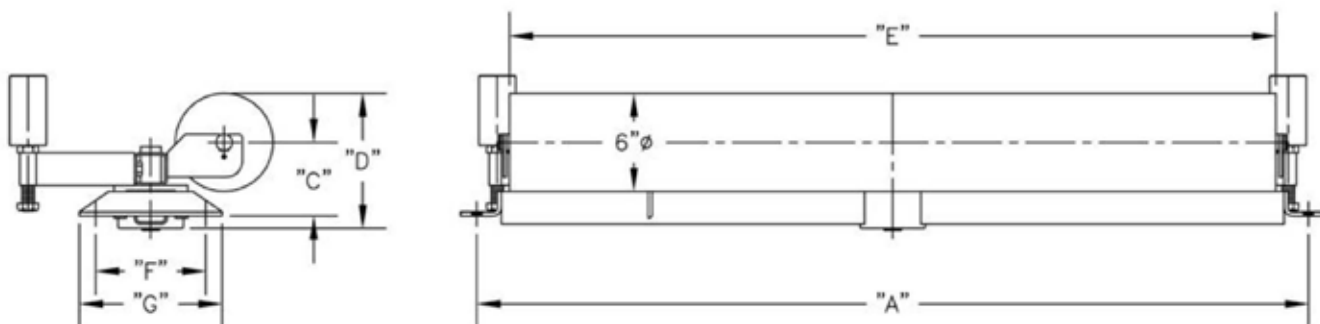
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Flat Belt Training Idler Assembly

6" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)				Weight (lbs)	List Price
					D	E	F	G		
36"	602573	602551	45	7 1/2	11 1/4	40 3/4	5 1/4	7 3/4	-	P.O.R.
42"	602574	358962	51	7 1/2	11 1/4	46 3/4	5 1/4	7 3/4	-	P.O.R.
48"	602575	342575	57	7 1/2	11 1/4	52 3/4	5 1/4	7 3/4	-	P.O.R.
54"	602576	376433	63	7 1/2	11 1/4	58 3/4	5 1/4	7 3/4	-	P.O.R.
60"	602577	376434	69	7 1/2	11 1/4	64 3/4	5 1/4	7 3/4	-	P.O.R.
72"	602578	355448	81	7 1/2	11 1/4	76 3/4	5 1/4	7 3/4	-	P.O.R.

All Cat CEMA E Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

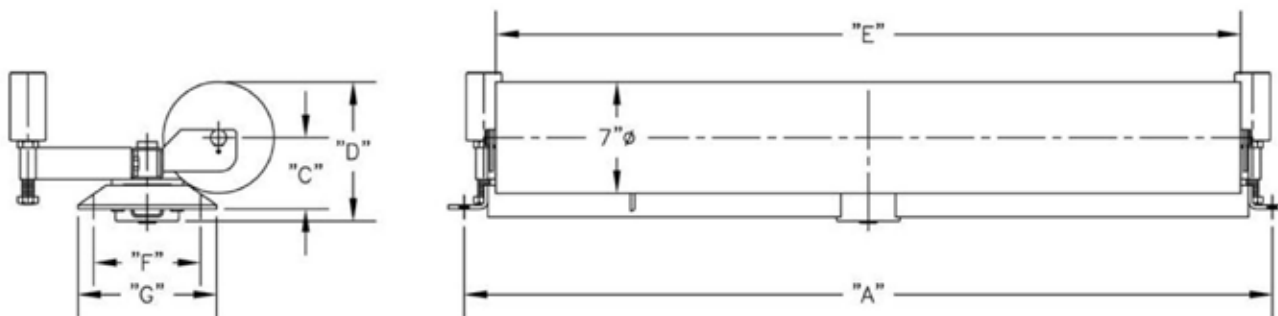
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Flat Belt Training Idler Assembly

7" Diameter Steel Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		D	E	F	G	Weight (lbs)	List Price
36"	602579	392102	45	7 1/2	11 3/4	40 3/4	5 1/4	7 3/4	-	P.O.R.		
42"	602580	376441	51	7 1/2	11 3/4	46 3/4	5 1/4	7 3/4	-	P.O.R.		
48"	602581	376458	57	7 1/2	11 3/4	52 3/4	5 1/4	7 3/4	-	P.O.R.		
54"	602582	376459	63	7 1/2	11 3/4	58 3/4	5 1/4	7 3/4	-	P.O.R.		
60"	602583	376460	69	7 1/2	11 3/4	64 3/4	5 1/4	7 3/4	-	P.O.R.		
72"	602584	630017	81	7 1/2	11 3/4	76 3/4	5 1/4	7 3/4	-	P.O.R.		

All Cat CEMA E Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

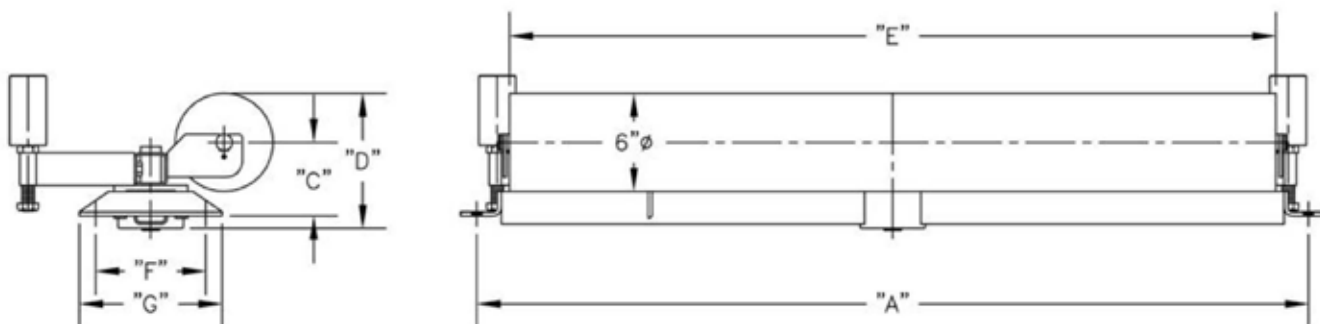
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Flat Belt Training Idler Assembly

6" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)				Weight (lbs)	List Price
					D	E	F	G		
36"	602609	391653	45	7 1/2	11 1/4	40 3/4	5 1/4	7 3/4	-	-
42"	602610	391654	51	7 1/2	11 1/4	46 3/4	5 1/4	7 3/4	-	-
48"	602611	391655	57	7 1/2	11 1/4	52 3/4	5 1/4	7 3/4	-	-
54"	602612	343190	63	7 1/2	11 1/4	58 3/4	5 1/4	7 3/4	-	-
60"	602613	343191	69	7 1/2	11 1/4	64 3/4	5 1/4	7 3/4	-	-
72"	602614	343193	81	7 1/2	11 1/4	76 3/4	5 1/4	7 3/4	-	-

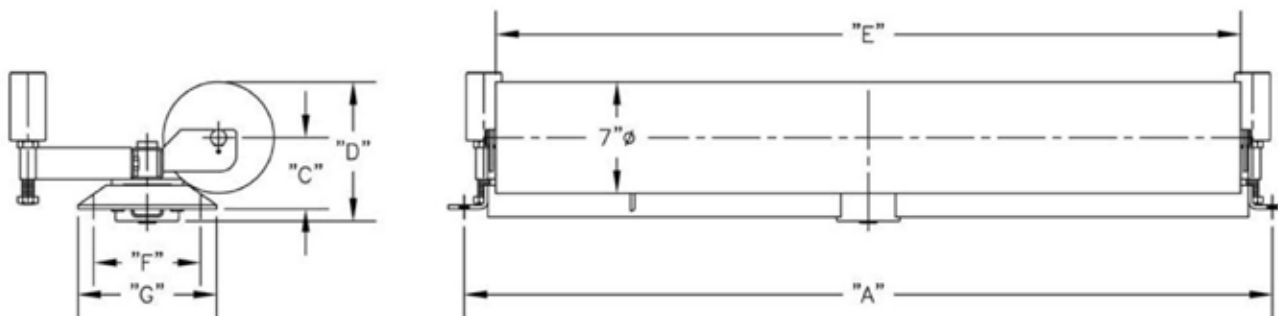
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Flat Belt Training Idler Assembly

7" Diameter EXALON Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)				Weight (lbs)	List Price
					D	E	F	G		
36"	602615	602553	45	7	11 3/4	40 3/4	5 1/4	7 3/4	-	-
42"	602616	602554	51	7	11 3/4	46 3/4	5 1/4	7 3/4	-	-
48"	602617	602555	57	7	11 3/4	52 3/4	5 1/4	7 3/4	-	-
54"	602618	602556	63	7	11 3/4	58 3/4	5 1/4	7 3/4	-	-
60"	602619	602557	69	7	11 3/4	64 3/4	5 1/4	7 3/4	-	-
72"	602620	602558	81	7	11 3/4	76 3/4	5 1/4	7 3/4	-	-

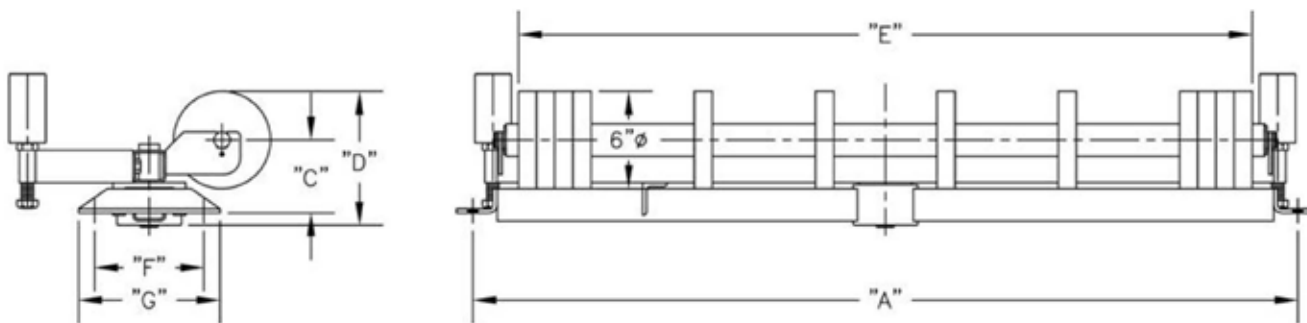
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Flat Belt Training Idler Assembly

6" Diameter Rubber Disc Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		D	E	F	G	Weight (lbs)	List Price
36"	602621	602559	45	7	11 1/4	38 5/8	5 1/4	7 3/4	-	-	-	-
42"	602622	375343	51	7	11 1/4	44 5/8	5 1/4	7 3/4	-	-	-	-
48"	602623	375344	57	7	11 1/4	50 5/8	5 1/4	7 3/4	-	-	-	-
54"	602624	375345	63	7	11 1/4	56 5/8	5 1/4	7 3/4	-	-	-	-
60"	602625	375346	69	7	11 1/4	62 5/8	5 1/4	7 3/4	-	-	-	-
72"	602626	375348	81	7	11 1/4	74 5/8	5 1/4	7 3/4	-	-	-	-

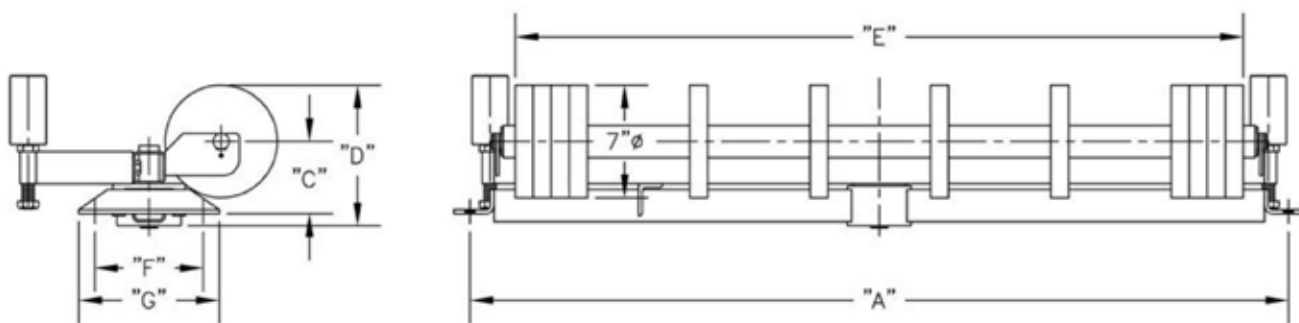
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Flat Belt Training Idler Assembly

7" Diameter Rubber Disc Roll



Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)				Weight (lbs)	List Price
					D	E	F	G		
36"	602627	602560	45	7	11 3/4	38 5/8	5 1/4	7 3/4	-	-
42"	602628	385655	51	7	11 3/4	44 5/8	5 1/4	7 3/4	-	-
48"	602629	385656	57	7	11 3/4	50 5/8	5 1/4	7 3/4	-	-
54"	602630	385657	63	7	11 3/4	56 5/8	5 1/4	7 3/4	-	-
60"	602631	385658	69	7	11 3/4	62 5/8	5 1/4	7 3/4	-	-
72"	602632	385660	81	7	11 3/4	74 5/8	5 1/4	7 3/4	-	-

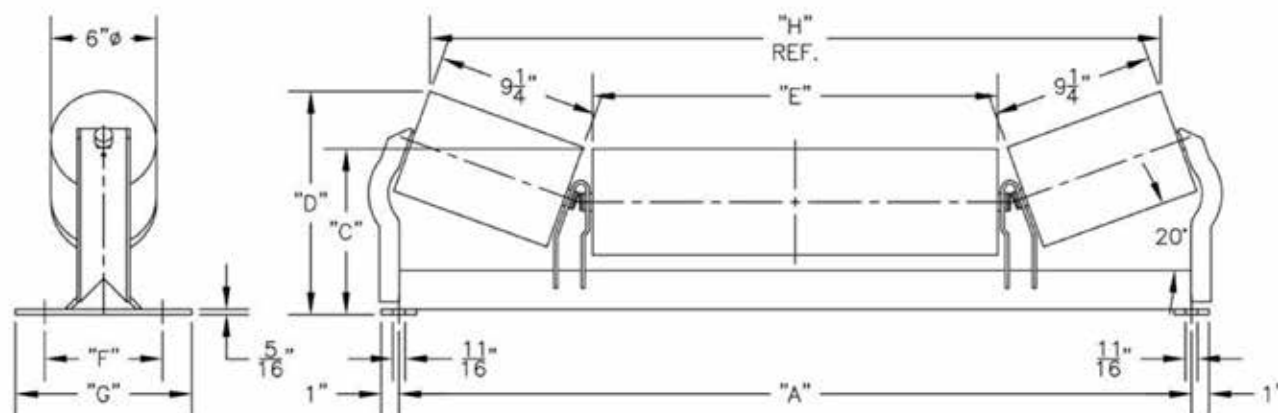
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 20°

In-line Carrying Idler Assembly

6" Diameter Steel Roll



Wing roll: Part number XXXXXX. Weight *****. List price *****.

Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		D	E	F	G	H	Weight (lbs)	List Price
36"	602604	602646	45	9 3/8	12 3/4	22 3/4	6	8 1/2	41 1/2	-	-	-	-
42"	602605	602647	51	9 3/8	12 3/4	28 3/4	7 1/2	10	47 1/2	-	-	-	-
48"	602606	602648	57	9 3/8	12 3/4	34 3/4	7 1/2	10	53 1/2	-	-	-	-
54"	602607	602551	63	9 3/4	13 1/8	40 3/4	9	11 1/2	59 1/2	-	-	-	-
60"	602608	358962	69	9 3/4	13 1/8	46 3/4	9	11 1/2	65 1/2	-	-	-	-
72"	602645	376433	81	10 1/16	13 1/2	58 3/4	9	11 1/2	77 1/2	-	-	-	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request.

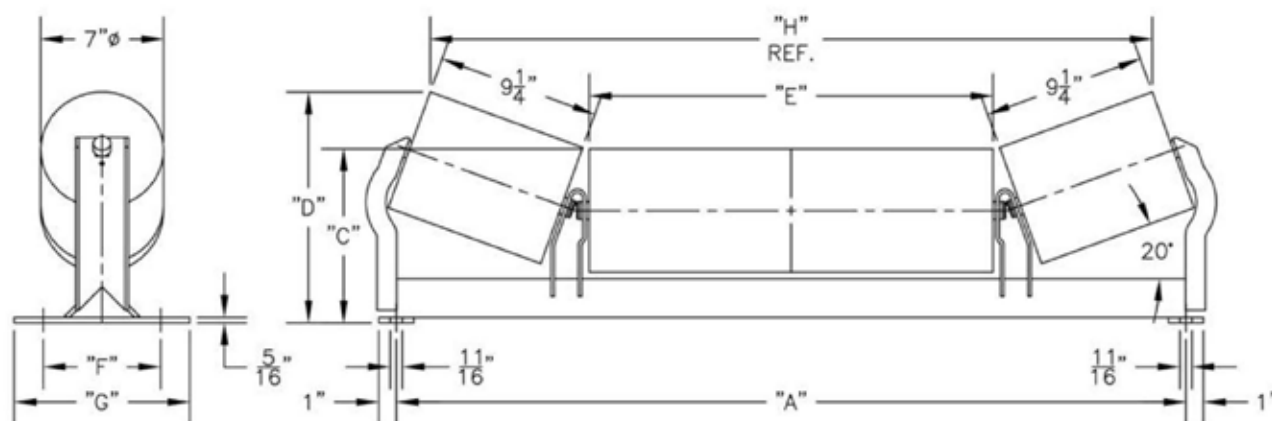
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E 20°

In-line Carrying Idler Assembly

7" Diameter Steel Roll



Wing roll: Part number XXXXXX. Weight *****. List price ****.

Belt Width	Part Number	Roll* P/N	A	C	Dimensions (inches)		F	G	H	Weight (lbs)	List Price
36"	602649	602655	45	9 7/8	13 1/4	22 3/4	6	8 1/2	41	-	-
42"	602650	602656	51	9 7/8	13 1/4	28 3/4	7 1/2	10	47	-	-
48"	602651	602657	57	9 7/8	13 1/4	34 3/4	7 1/2	10	53	-	-
54"	602652	392102	63	10 1/4	13 5/8	40 3/4	9	11 1/2	59	-	-
60"	602653	376441	69	10 1/4	13 5/8	46 3/4	9	11 1/2	65	-	-
72"	602654	376459	81	10 9/16	14	58 3/4	9	11 1/2	77	-	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request.

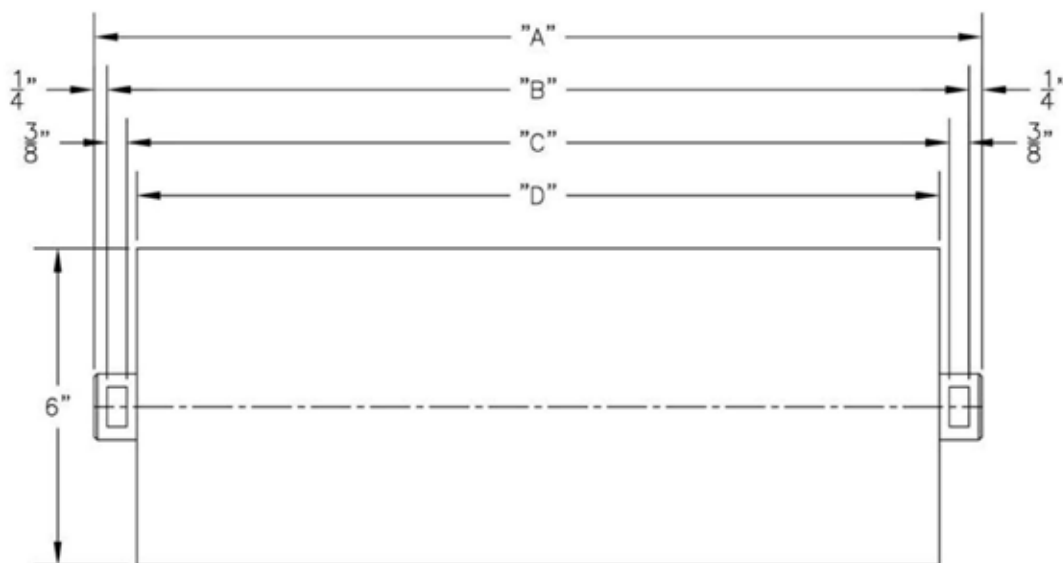
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 219.

CEMA E

Replacement Carrying Rolls

6" Diameter Steel Roll



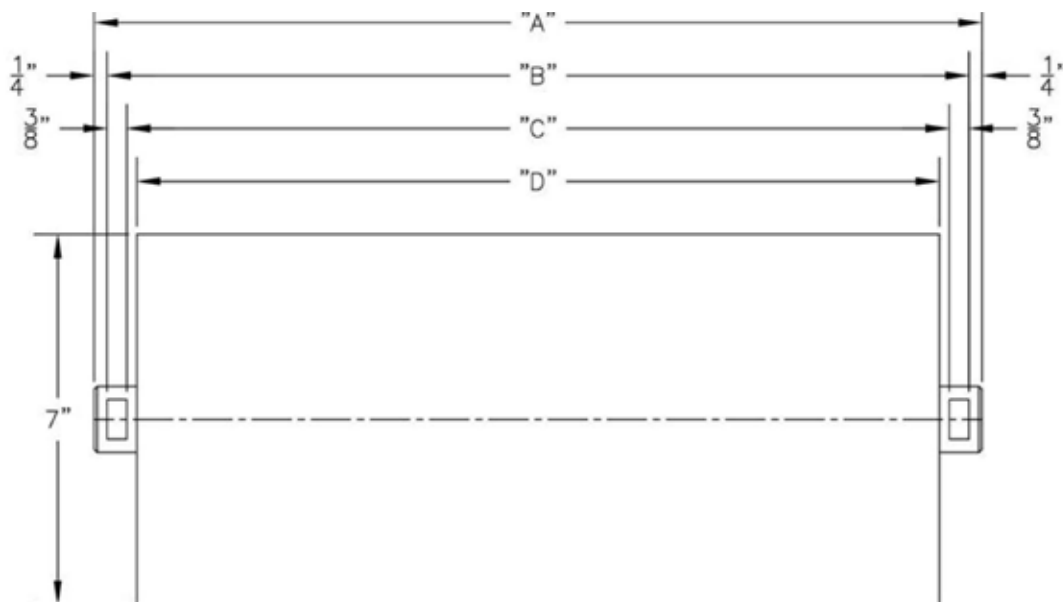
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
36"	273640	15 1/2	15	14 1/4	13 5/8	26	-
42"	270612	17 1/2	17	16 1/4	15 5/8	30	-
48"	274220	19 1/2	19	18 1/4	17 5/8	33	-
54"	266879	21 1/2	21	20 1/4	19 5/8	36	-
60"	266882	23 1/2	23	22 1/4	21 5/8	39	-
72"	266885	27 1/2	27	26 1/4	25 5/8	46	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA E

Replacement Carrying Rolls

7" Diameter Steel Roll



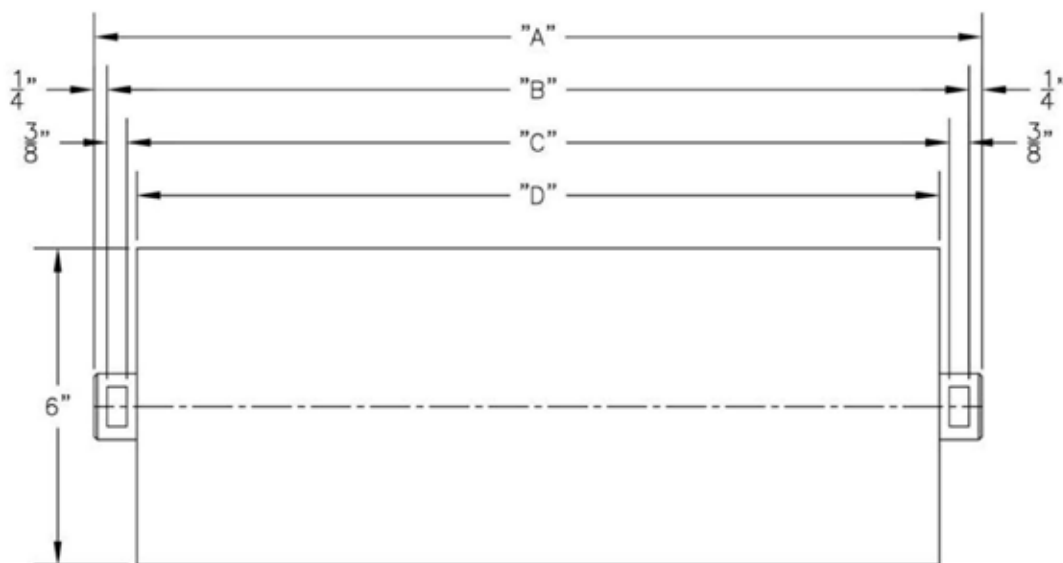
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
36"	376440	15 1/2	15	14 1/4	13 5/8	30	-
42"	266888	17 1/2	17	16 1/4	15 5/8	34	-
48"	266891	19 1/2	19	18 1/4	17 5/8	38	-
54"	266894	21 1/2	21	20 1/4	19 5/8	42	-
60"	266897	23 1/2	23	22 1/4	21 5/8	45	-
72"	266900	27 1/2	27	26 1/4	25 5/8	52	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA E

Replacement Carrying Rolls

6" Diameter EXALON Roll



Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
36"	299854	15 1/2	15	14 1/4	13 5/8	23	-
42"	301106	17 1/2	17	16 1/4	15 5/8	26	-
48"	341378	19 1/2	19	18 1/4	17 5/8	28	-
54"	341379	21 1/2	21	20 1/4	19 5/8	31	-
60"	287886	23 1/2	23	22 1/4	21 5/8	33	-
72"	341382	27 1/2	27	26 1/4	24 5/8	38	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA E

Replacement Carrying Rolls

7" Diameter EXALON Roll



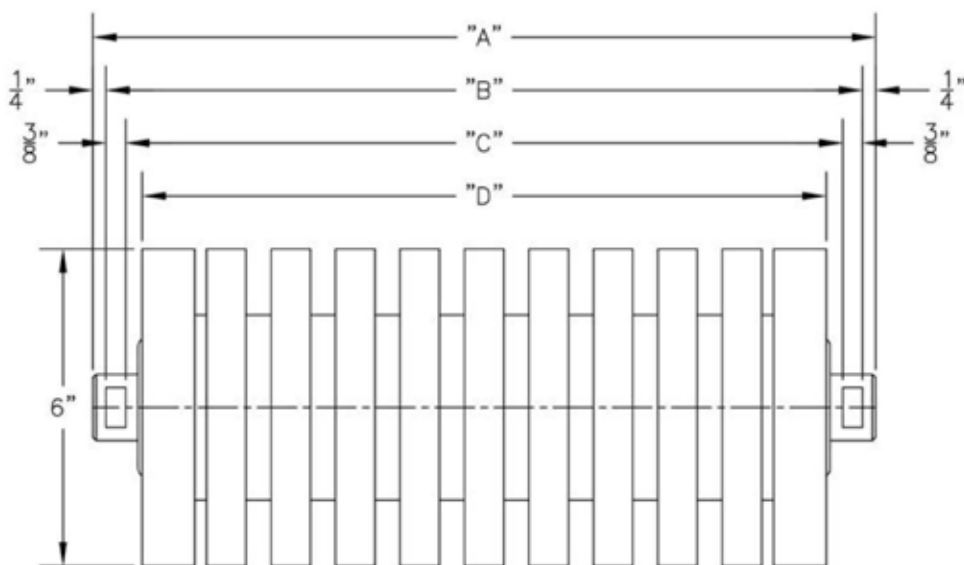
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
36"	286064	15 1/2	15	14 1/4	13 5/8	26	-
42"	366118	17 1/2	17	16 1/4	15 5/8	28	-
48"	366120	19 1/2	19	18 1/4	17 5/8	31	-
54"	338418	21 1/2	21	20 1/4	19 5/8	34	-
60"	351949	23 1/2	23	22 1/4	21 5/8	36	-
72"	272191	27 1/2	27	26 1/4	24 5/8	41	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA E

Replacement Carrying Rolls

6" Diameter Impact Roll



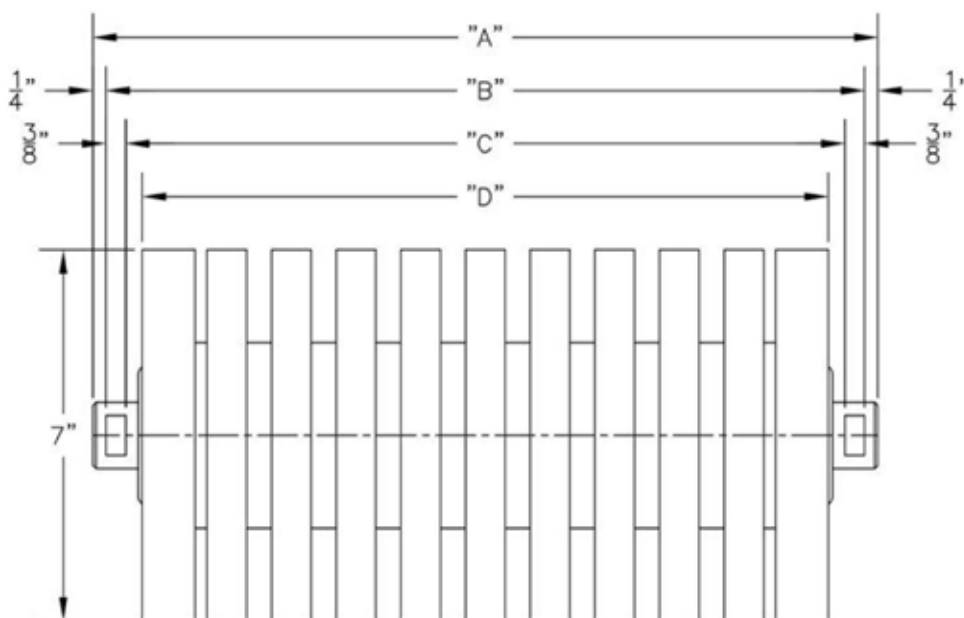
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
36"	325745	15 1/2	15	14 1/4	12 1/2	-	-
42"	371200	17 1/2	17	16 1/4	14 1/2	-	-
48"	276565	19 1/2	19	18 1/4	16 1/2	-	-
54"	286045	21 1/2	21	20 1/4	18 1/2	-	-
60"	351945	23 1/2	23	22 1/4	20 1/2	-	-
72"	266886	27 1/2	27	26 1/4	24 1/2	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA E

Replacement Carrying Rolls

7" Diameter Impact Roll



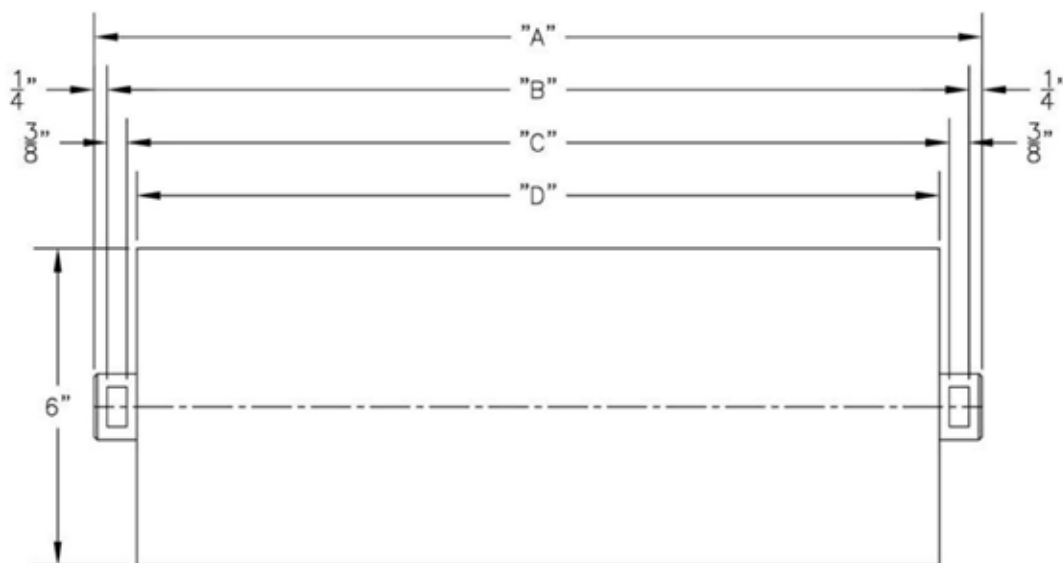
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
36"	310329	15 1/2	15	14 1/4	12 1/2	-	-
42"	276736	17 1/2	17	16 1/4	14 1/2	-	-
48"	266892	19 1/2	19	18 1/4	16 1/2	-	-
54"	274860	21 1/2	21	20 1/4	18 1/2	-	-
60"	270786	23 1/2	23	22 1/4	20 1/2	-	-
72"	266901	27 1/2	27	26 1/4	24 1/2	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA E

Replacement Return Rolls

6" Diameter Steel Roll



Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
36"	602551	42 5/8	42 1/8	41 3/8	40 3/4	80	-
42"	358962	48 5/8	48 1/8	47 3/8	46 3/4	90	-
48"	342575	54 5/8	54 1/8	53 3/8	52 3/4	100	-
54"	376433	60 5/8	60 1/8	59 3/8	58 3/4	110	-
60"	376434	66 5/8	66 1/8	65 3/8	64 3/4	119	-
72"	355448	78 5/8	78 1/8	77 3/8	76 3/4	139	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA E

Replacement Return Rolls

7" Diameter Steel Roll



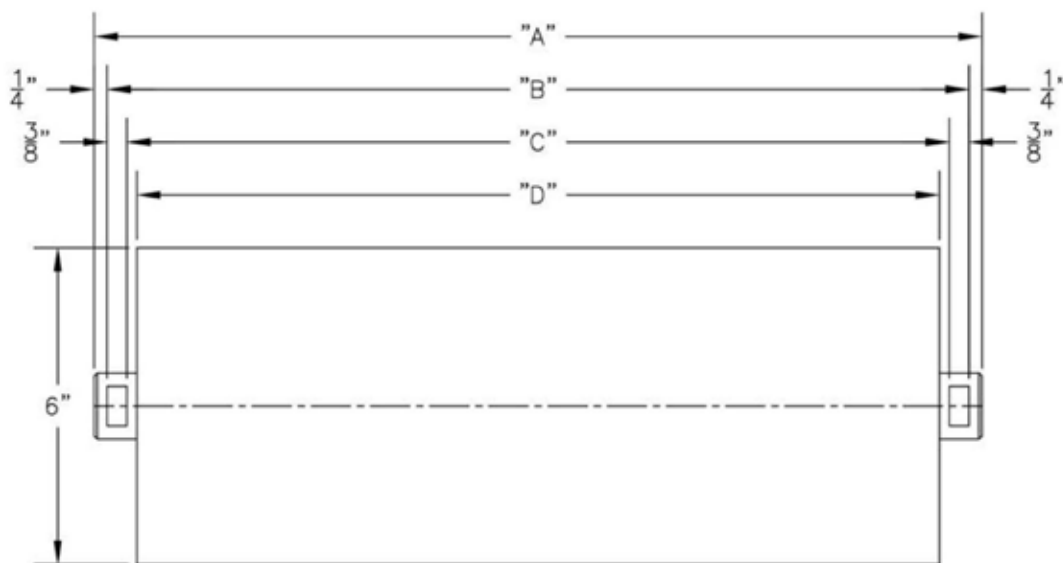
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
36"	392102	42 5/8	42 1/8	41 3/8	40 3/4	91	-
42"	376441	48 5/8	48 1/8	47 3/8	46 3/4	102	-
48"	376458	54 5/8	54 1/8	53 3/8	52 3/4	114	-
54"	376459	60 5/8	60 1/8	59 3/8	58 3/4	125	-
60"	376460	66 5/8	66 1/8	65 3/8	64 3/4	136	-
72"	630017	78 5/8	78 1/8	77 3/8	76 3/4	158	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA E

Replacement Return Rolls

6" Diameter EXALON Roll



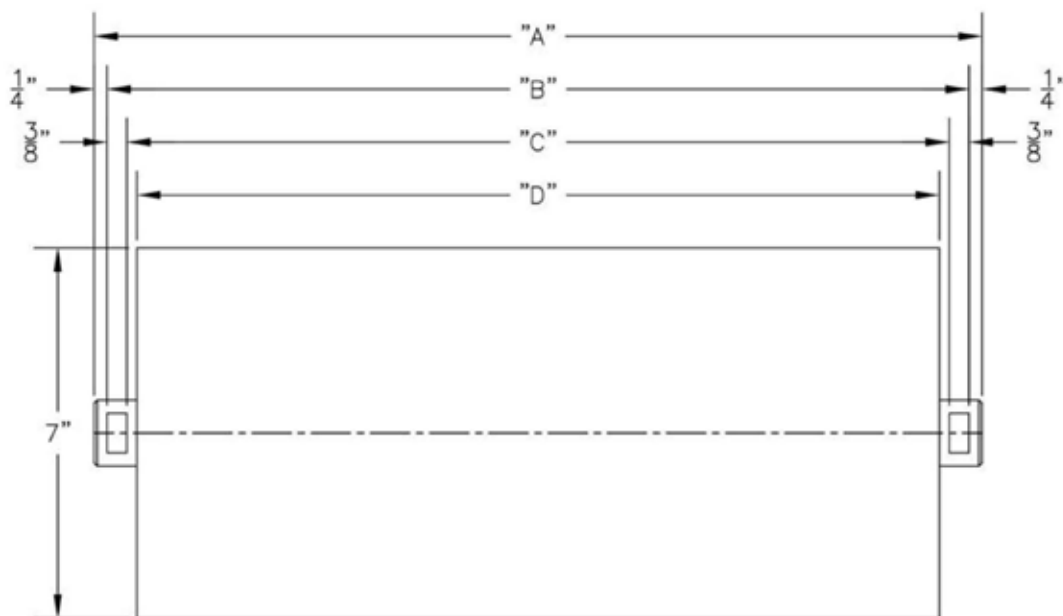
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
36"	391653	42 5/8	42 1/8	41 3/8	40 3/4	67	-
42"	391654	48 5/8	48 1/8	47 3/8	46 3/4	75	-
48"	391655	54 5/8	54 1/8	53 3/8	52 3/4	85	-
54"	343190	60 5/8	60 1/8	59 3/8	58 3/4	92	-
60"	343191	66 5/8	66 1/8	65 3/8	64 3/4	99	-
72"	343193	78 5/8	78 1/8	77 3/8	76 3/4	114	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA E

Replacement Return Rolls

7" Diameter EXALON Roll



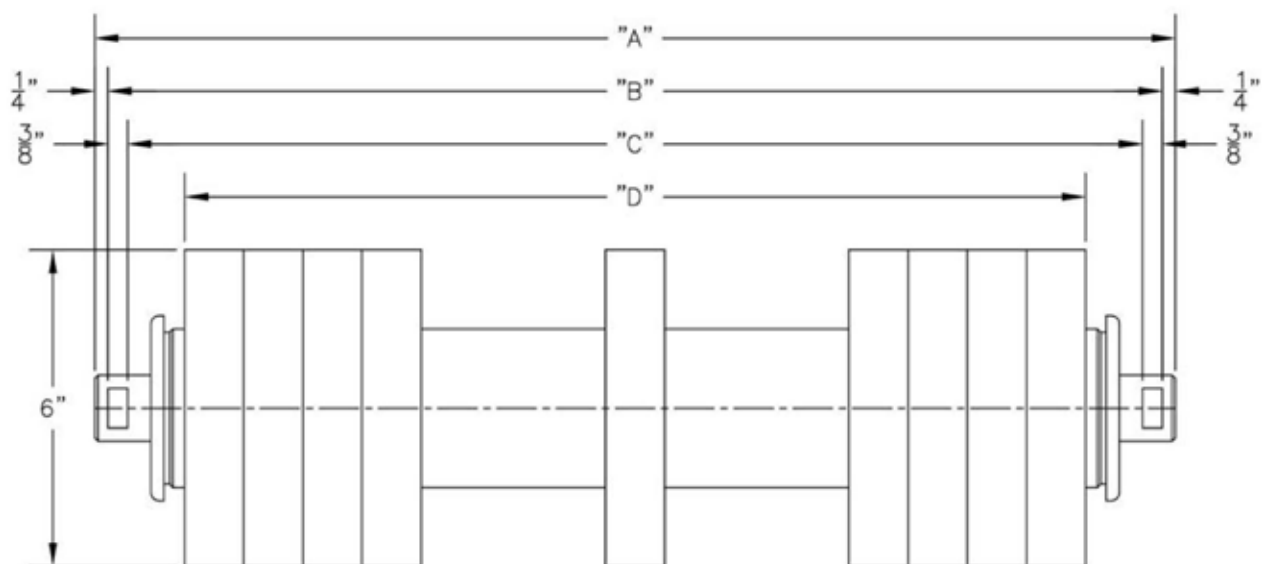
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
36"	602553	42 5/8	42 1/8	41 3/8	40 3/4	75	P.O.R.
42"	602554	48 5/8	48 1/8	47 3/8	46 3/4	83	P.O.R.
48"	602555	54 5/8	54 1/8	53 3/8	52 3/4	94	P.O.R.
54"	602556	60 5/8	60 1/8	59 3/8	58 3/4	102	P.O.R.
60"	602557	66 5/8	66 1/8	65 3/8	64 3/4	110	P.O.R.
72"	602558	78 5/8	78 1/8	77 3/8	76 3/4	126	P.O.R.

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA E

Replacement Return Rolls

6" Diameter Rubber Disc Roll



Number of discs in picture are for representation purposes only.
All inner discs are evenly spaced and quantities vary between belt widths.

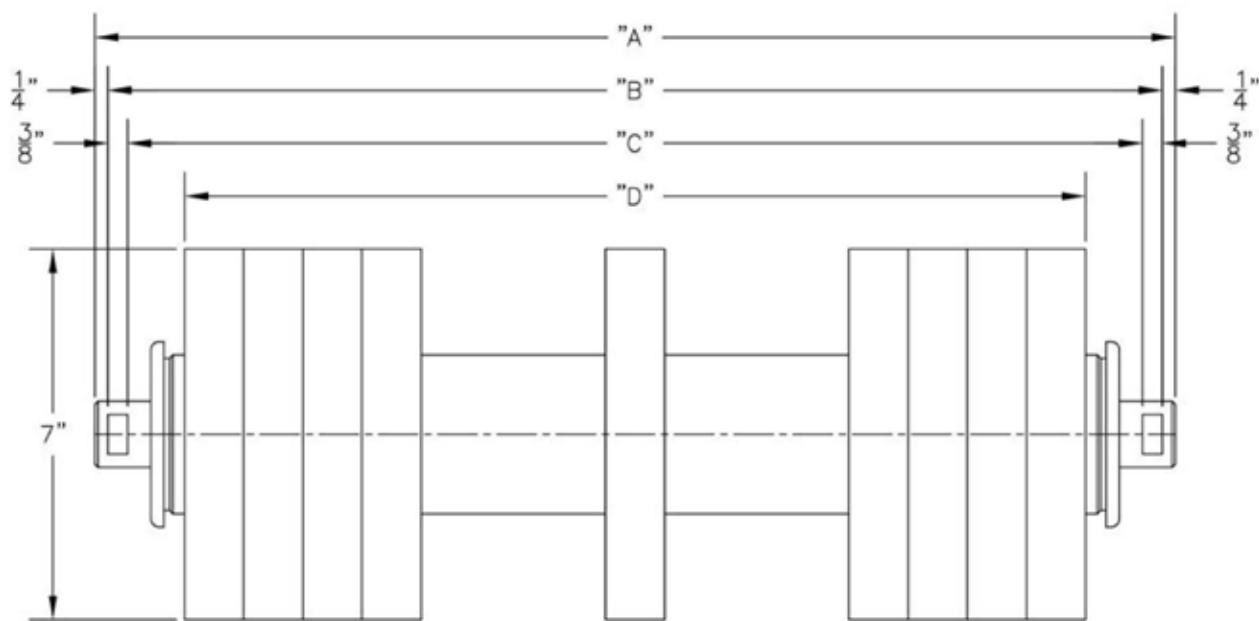
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
36"	602561	42 5/8	42 1/8	41 3/8	38 5/8	-	-
42"	375343	48 5/8	48 1/8	47 3/8	44 5/8	-	-
48"	375344	54 5/8	54 1/8	53 3/8	50 5/8	-	-
54"	375345	60 5/8	60 1/8	59 3/8	56 5/8	-	-
60"	375346	66 5/8	66 1/8	65 3/8	62 5/8	-	-
72"	375348	78 5/8	78 1/8	77 3/8	74 5/8	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA E

Replacement Return Rolls

7" Diameter Rubber Disc Roll



Number of discs in picture are for representation purposes only.
All inner discs are evenly spaced and quantities vary between belt widths.

Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
36"	602560	42 5/8	42 1/8	41 3/8	38 5/8	-	-
42"	385655	48 5/8	48 1/8	47 3/8	44 5/8	-	-
48"	385656	54 5/8	54 1/8	53 3/8	50 5/8	-	-
54"	385657	60 5/8	60 1/8	59 3/8	56 5/8	-	-
60"	385658	66 5/8	66 1/8	65 3/8	62 5/8	-	-
72"	385660	78 5/8	78 1/8	77 3/8	74 5/8	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

Section 2

Offset Idlers

CEMA C

Carrying Idler Assembly (Steel, EXALON) - Channel Mount	32
Carrying Idler Assembly (Steel, EXALON) - Wire-Rope Mount	244
Return Idler Assembly (Steel, EXALON)	256
Drop Brackets - Channel Mount, Wire-Rope Mount, Tubing Mount	262
Replacement Carrying Rolls (Steel, EXALON)	268
Replacement Return Rolls (Steel, EXALON)	274

CEMA D

Carrying Idler Assembly (Steel, EXALON) - Channel Mount.....	280
Carrying Idler Assembly (Steel, EXALON) - Wire-Rope Mount	288
Return Idler Assembly (Steel, EXALON)	296
Drop Brackets - Channel Mount, Wire-Rope Mount, Tubing Mount	300
Replacement Carrying Rolls (Steel, EXALON)	306
Replacement Return Rolls (Steel, EXALON)	310

CEMA E

Carrying Idler Assembly (Steel, EXALON) - Channel Mount.....	314
Return Idler Assembly (Steel, EXALON)	322
Drop Brackets - Channel Mount, Tubing Mount	326
Replacement Carrying Rolls (Steel, EXALON)	328
Replacement Return Rolls (Steel, EXALON)	332

STRUCTURE

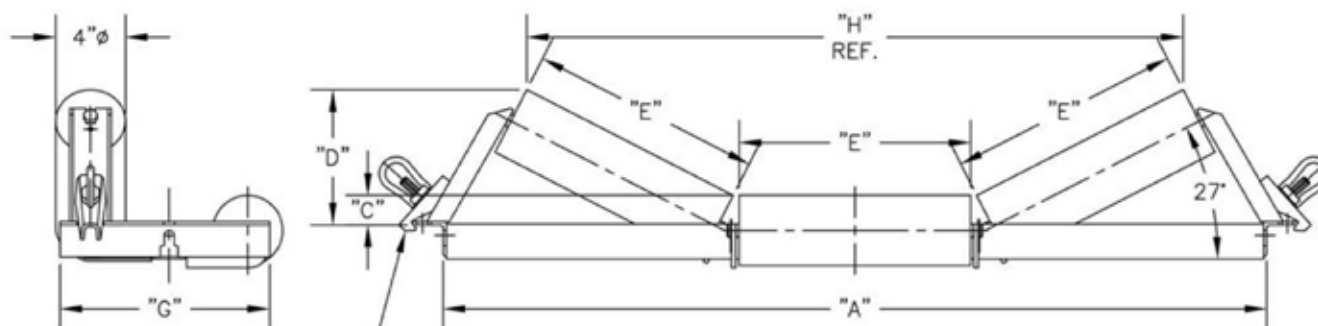
Spreaders (EZEE-LOC, Rigid Bolted, Handle & Pin, Tubing)	336
Stands (EZEE-LOC, Rigid Bolted, Handle & Pin, Tubing)	346
Rails (EZEE-LOC, Rigid Bolted, Handle & Pin, Tubing).....	355
Rope Anchor Stands.....	366
Roof Plates	367
Chain	369

CEMA C 27°

Offset Carrying Idler Assembly

4" Diameter Steel Roll

Channel Mount



Hardware Kit
Part Number: 342689
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
18"	602167	324641	29 1/8	1 11/16	4 7/8	7 1/4	12	20 7/8	-	-
24"	602168	323373	35 1/8	1 11/16	5 13/16	9 1/4	12	26 7/16	-	-
30"	602169	324652	41 1/8	1 11/16	6 11/16	11 1/4	12	32	-	-
36"	343357	324653	47 1/8	1 11/16	7 5/8	13 1/4	12	37 9/16	-	-
42"	343315	324658	53 1/8	1 11/16	8 5/8	15 1/4	12	43 1/8	-	-
48"	602170	324662	59 1/8	1 11/16	9 7/16	17 1/4	12	48 11/16	-	-
54"	602171	324669	65 1/8	1 11/16	10 3/8	19 1/4	12	54 1/4	-	-
60"	602172	324705	71 1/8	1 11/16	11 1/4	21 1/4	12	59 13/16	-	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

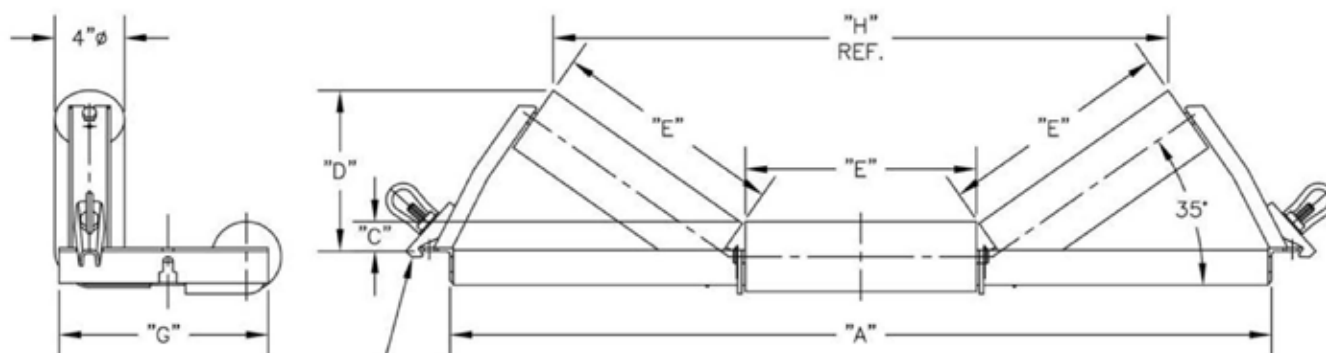
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 35°

Offset Carrying Idler Assembly

4" Diameter Steel Roll

Channel Mount



Hardware Kit
Part Number: 342689
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
18"	602273	324641	29 1/8	1 11/16	5 3/4	7 1/4	12	19 7/16	-	-
24"	336431	323373	35 1/8	1 11/16	6 7/8	9 1/4	12	24 3/4	-	-
30"	602274	324652	41 1/8	1 11/16	8 1/16	11 1/4	12	30	-	-
36"	343371	324653	47 1/8	1 11/16	9 3/16	13 1/4	12	35 1/4	-	-
42"	343343	324658	53 1/8	1 11/16	10 5/16	15 1/4	12	40 9/16	-	-
48"	343389	324662	59 1/8	1 11/16	11 1/2	17 1/4	12	45 13/16	-	-
54"	602275	324669	65 1/8	1 11/16	12 5/8	19 1/4	12	51 1/8	-	-
60"	602279	324705	71 1/8	1 11/16	13 3/4	21 1/4	12	56 3/8	-	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

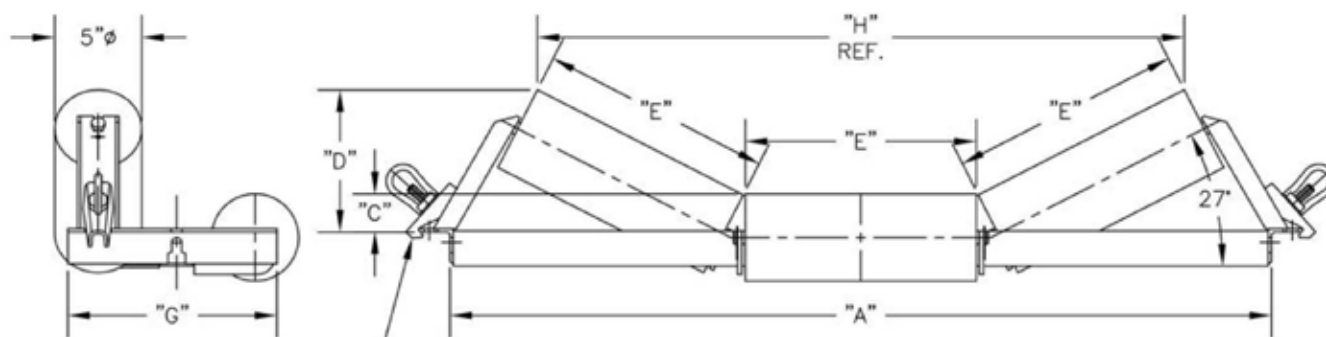
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 27°

Offset Carrying Idler Assembly

5" Diameter Steel Roll

Channel Mount



Hardware Kit
Part Number: 342689
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
18"	602173	325333	29 1/8	2 3/16	5 7/16	7 1/4	12	20 3/8	-	-
24"	602174	325335	35 1/8	2 3/16	6 5/16	9 1/4	12	25 15/16	-	-
30"	602175	325338	41 1/8	2 3/16	7 1/4	11 1/4	12	31 1/2	-	-
36"	343362	325339	47 1/8	2 3/16	8 1/8	13 1/4	12	37 1/8	-	-
42"	343314	325341	53 1/8	2 3/16	9 1/16	15 1/4	12	42 11/16	-	-
48"	602176	325342	59 1/8	2 3/16	9 15/16	17 1/4	12	48 1/4	-	-
54"	602177	325343	65 1/8	2 3/16	10 7/8	19 1/4	12	53 13/16	-	-
60"	602178	325344	71 1/8	2 3/16	11 3/4	21 1/4	12	59 3/8	-	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

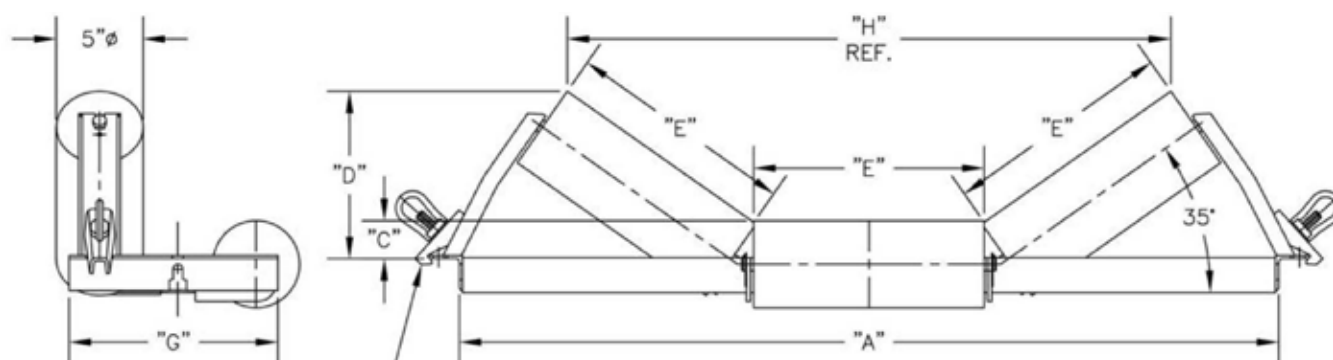
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 35°

Offset Carrying Idler Assembly

5" Diameter Steel Roll

Channel Mount



Hardware Kit
Part Number: 342689
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
A	C	D	E	G	H					
18"	602286	325333	29 1/8	2 3/16	6 1/8	7 1/4	12	18 15/16	-	-
24"	602287	325335	35 1/8	2 3/16	7 1/4	9 1/4	12	24 3/16	-	-
30"	602288	325338	41 1/8	2 3/16	8 3/8	11 1/4	12	29 1/2	-	-
36"	343386	325339	47 1/8	2 3/16	9 3/8	13 1/4	12	34 11/16	-	-
42"	342621	325341	53 1/8	2 3/16	10 9/16	15 1/4	12	39 15/16	-	-
48"	343390	325342	59 1/8	2 3/16	11 13/16	17 1/4	12	45 1/8	-	-
54"	343305	325343	65 1/8	2 3/16	12 15/16	19 1/4	12	50 5/8	-	-
60"	349628	325344	71 1/8	2 3/16	14 1/8	21 1/4	12	55 7/8	-	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

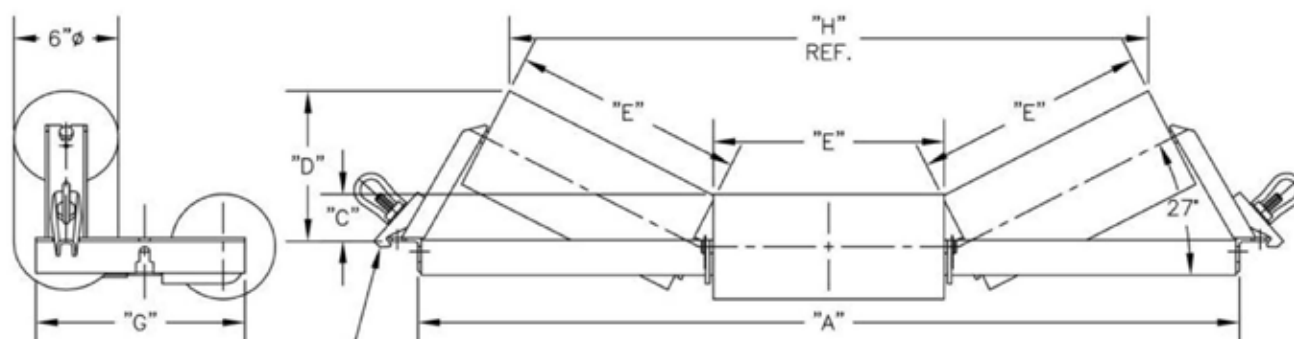
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 27°

Offset Carrying Idler Assembly

6" Diameter Steel Roll

Channel Mount



Hardware Kit
Part Number: 342689
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
24"	602179	325365	35 1/8	2 11/16	6 3/4	9 1/4	12	25 1/2	-	-
30"	602180	325366	41 1/8	2 11/16	7 11/16	11 1/4	12	31 1/16	-	-
36"	602254	325367	47 1/8	2 11/16	8 9/16	13 1/4	12	36 5/8	-	-
42"	602255	325368	53 1/8	2 11/16	9 1/2	15 1/4	12	42 3/16	-	-
48"	602270	325369	59 1/8	2 11/16	10 3/8	17 1/4	12	47 3/4	-	-
54"	602271	325370	65 1/8	2 11/16	11 5/16	19 1/4	12	53 5/16	-	-
60"	602272	325372	71 1/8	2 11/16	12 1/4	21 1/4	12	58 7/8	-	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

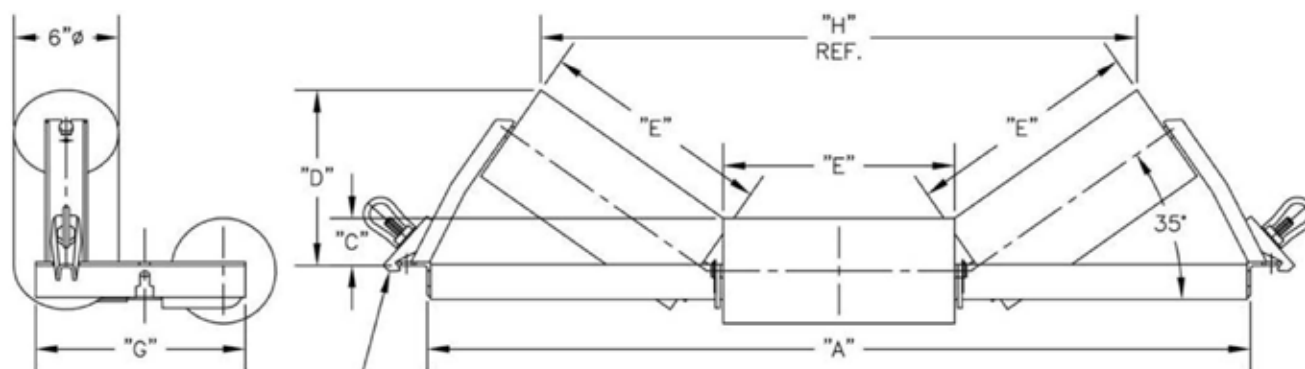
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 35°

Offset Carrying Idler Assembly

6" Diameter Steel Roll

Channel Mount



Hardware Kit
Part Number: 342689
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
24"	602289	325365	35 1/8	2 11/16	7 5/16	9 1/4	12	22 7/8	-	-
30"	602437	325366	41 1/8	2 11/16	8 1/2	11 1/4	12	28 3/16	-	-
36"	375613	325367	47 1/8	2 11/16	9 5/8	13 1/4	12	33 7/16	-	-
42"	375624	325368	53 1/8	2 11/16	10 11/16	15 1/4	12	38 7/16	-	-
48"	375631	325369	59 1/8	2 11/16	11 13/16	17 1/4	12	44 9/16	-	-
54"	375756	325370	65 1/8	2 11/16	13 3/8	19 1/4	12	50 1/16	-	-
60"	375917	325372	71 1/8	2 11/16	14 1/2	21 1/4	12	55 5/16	-	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

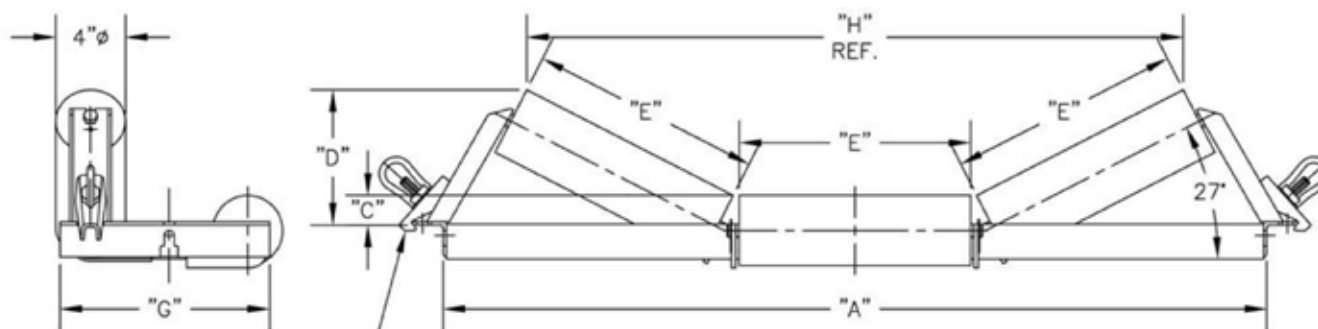
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 27°

Offset Carrying Idler Assembly

4" Diameter EXALON Roll

Channel Mount



Hardware Kit
Part Number: 342689
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
18"	602438	384045	29 1/8	1 11/16	4 7/8	7 1/4	12	20 7/8	-	-
24"	602439	384046	35 1/8	1 11/16	5 13/16	9 1/4	12	26 7/16	-	-
30"	602440	384047	41 1/8	1 11/16	6 11/16	11 1/4	12	32	-	-
36"	602441	384048	47 1/8	1 11/16	7 5/8	13 1/4	12	37 9/16	-	-
42"	602442	384049	53 1/8	1 11/16	8 5/8	15 1/4	12	43 1/8	-	-
48"	602552	384050	59 1/8	1 11/16	9 7/16	17 1/4	12	48 11/16	-	-
54"	602680	384051	65 1/8	1 11/16	10 3/8	19 1/4	12	54 1/4	-	-
60"	602681	384052	71 1/8	1 11/16	11 1/4	21 1/4	12	59 13/16	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

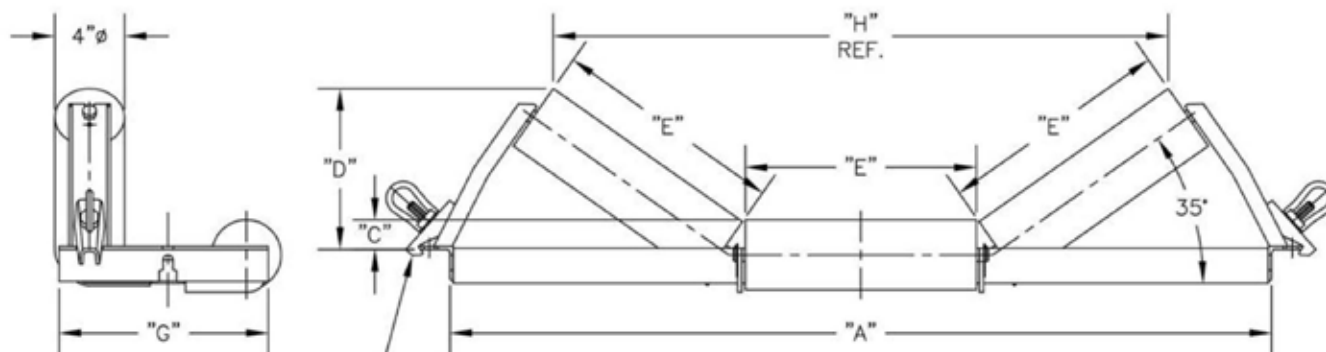
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 35°

Offset Carrying Idler Assembly

4" Diameter EXALON Roll

Channel Mount



Hardware Kit
Part Number: 342689
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
18"	602724	384045	29 1/8	1 11/16	5 3/4	7 1/4	12	19 7/16	-	-
24"	602725	384046	35 1/8	1 11/16	6 7/8	9 1/4	12	24 3/4	-	-
30"	602726	384047	41 1/8	1 11/16	8 1/16	11 1/4	12	30	-	-
36"	602727	384048	47 1/8	1 11/16	9 3/16	13 1/4	12	35 1/4	-	-
42"	602728	384049	53 1/8	1 11/16	10 5/16	15 1/4	12	40 9/16	-	-
48"	602729	384050	59 1/8	1 11/16	11 1/2	17 1/4	12	45 13/16	-	-
54"	602730	384051	65 1/8	1 11/16	12 5/8	19 1/4	12	51 1/8	-	-
60"	602731	384052	71 1/8	1 11/16	13 3/4	21 1/4	12	56 3/8	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

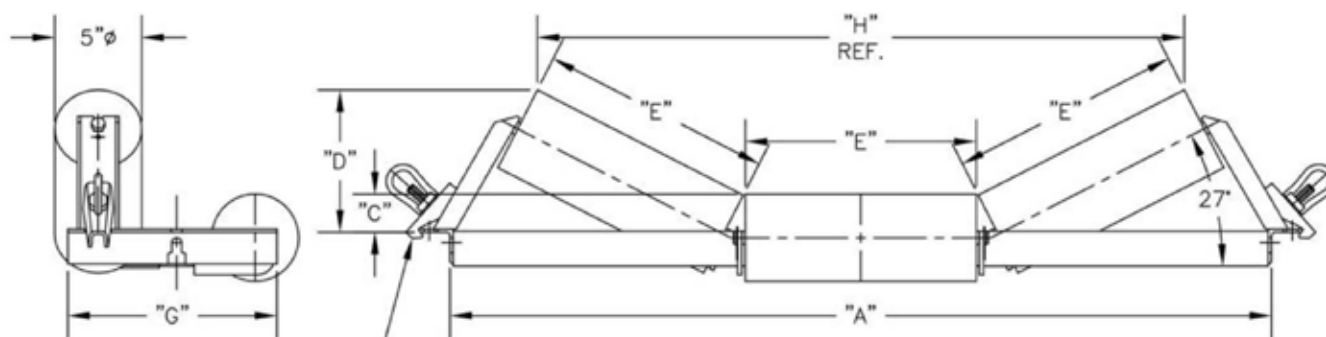
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 27°

Offset Carrying Idler Assembly

5" Diameter EXALON Roll

Channel Mount



Hardware Kit
Part Number: 342689
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
18"	602682	333038	29 1/8	2 3/16	5 7/16	7 1/4	12	20 3/8	-	-
24"	602686	333040	35 1/8	2 3/16	6 5/16	9 1/4	12	25 15/16	-	-
30"	602687	333041	41 1/8	2 3/16	7 1/4	11 1/4	12	31 1/2	-	-
36"	602688	333042	47 1/8	2 3/16	8 1/8	13 1/4	12	37 1/8	-	-
42"	602706	317178	53 1/8	2 3/16	9 1/16	15 1/4	12	42 11/16	-	-
48"	602714	308591	59 1/8	2 3/16	9 15/16	17 1/4	12	48 1/4	-	-
54"	602715	333043	65 1/8	2 3/16	10 7/8	19 1/4	12	53 13/16	-	-
60"	602716	333044	71 1/8	2 3/16	11 3/4	21 1/4	12	59 3/8	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

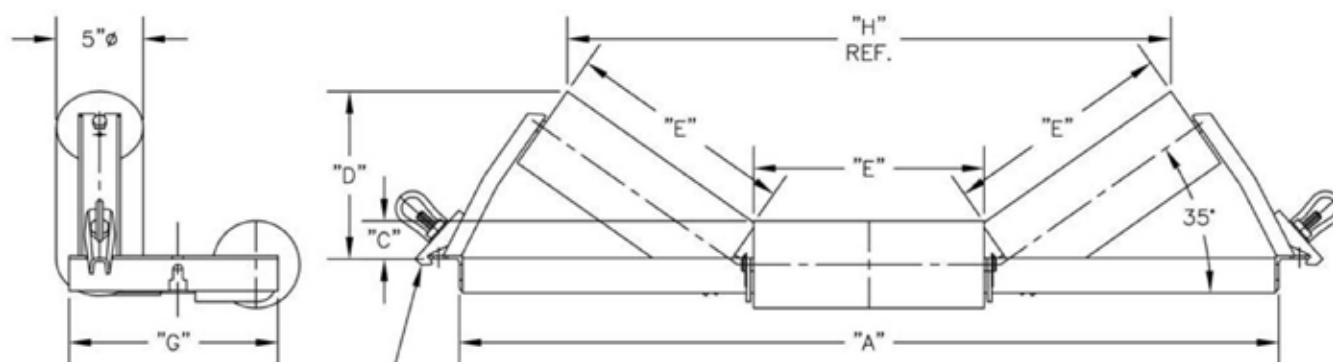
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 35°

Offset Carrying Idler Assembly

5" Diameter EXALON Roll

Channel Mount



Hardware Kit
Part Number: 342689
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
18"	602723	333038	29 1/8	2 3/16	6 1/8	7 1/4	12	18 15/16	-	-
24"	602733	333040	35 1/8	2 3/16	7 1/4	9 1/4	12	24 3/16	-	-
30"	602734	333041	41 1/8	2 3/16	8 3/8	11 1/4	12	29 1/2	-	-
36"	602735	333042	47 1/8	2 3/16	9 3/8	13 1/4	12	34 11/16	-	-
42"	323324	317178	53 1/8	2 3/16	10 9/16	15 1/4	12	39 15/16	-	-
48"	325284	308591	59 1/8	2 3/16	11 13/16	17 1/4	12	45 1/8	-	-
54"	602736	333043	65 1/8	2 3/16	12 15/16	19 1/4	12	50 5/8	-	-
60"	602737	333044	71 1/8	2 3/16	14 1/8	21 1/4	12	55 7/8	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

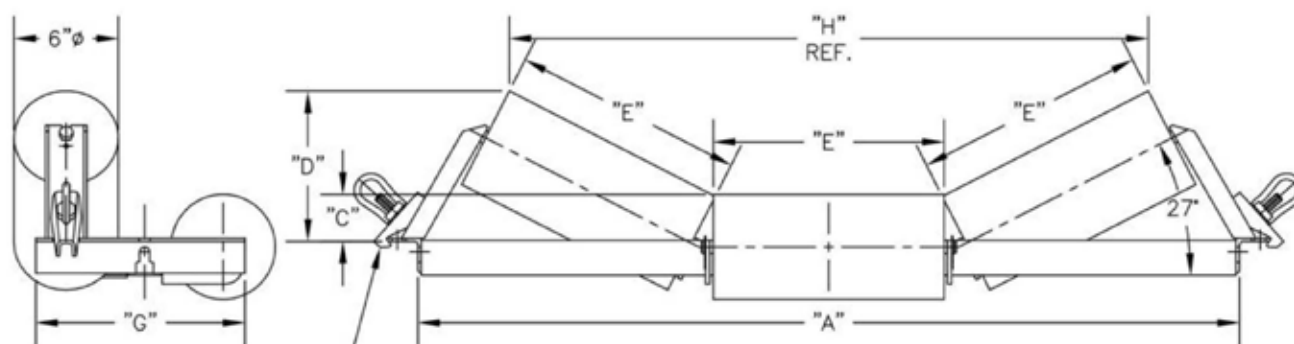
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 27°

Offset Carrying Idler Assembly

6" Diameter EXALON Roll

Channel Mount



Hardware Kit
Part Number: 342689
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
24"	602717	333057	35 1/8	2 11/16	6 3/4	9 1/4	12	25 1/2	-	-
30"	602718	333058	41 1/8	2 11/16	7 11/16	11 1/4	12	31 1/16	-	-
36"	602719	333059	47 1/8	2 11/16	8 9/16	13 1/4	12	36 5/8	-	-
42"	602720	333060	53 1/8	2 11/16	9 1/2	15 1/4	12	42 3/16	-	-
48"	602721	333061	59 1/8	2 11/16	10 3/8	17 1/4	12	47 3/4	-	-
54"	602722	333062	65 1/8	2 11/16	11 5/16	19 1/4	12	53 5/16	-	-
60"	602723	333063	71 1/8	2 11/16	12 1/4	21 1/4	12	58 7/8	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

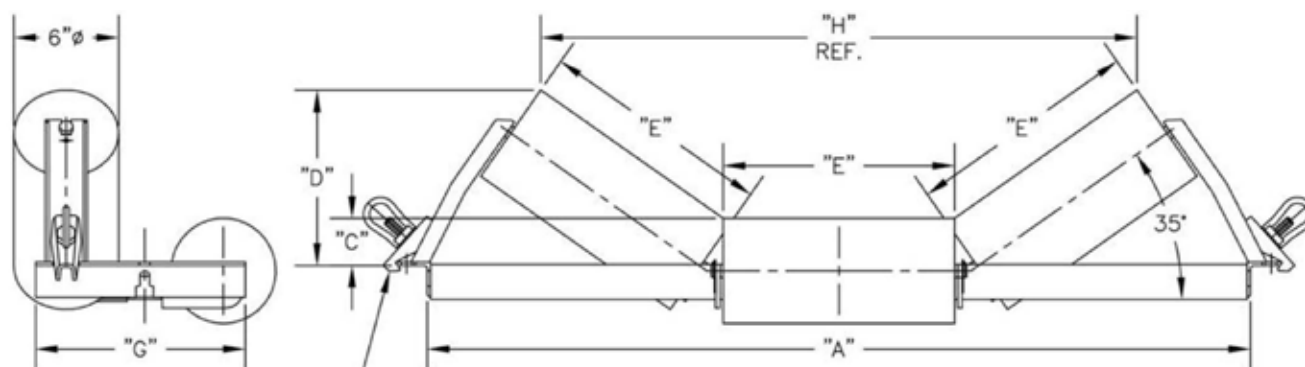
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 35°

Offset Carrying Idler Assembly

6" Diameter EXALON Roll

Channel Mount



Hardware Kit
Part Number: 342689
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
24"	602738	333057	35 1/8	2 11/16	7 5/16	9 1/4	12	22 7/8	-	-
30"	602739	333058	41 1/8	2 11/16	8 1/2	11 1/4	12	28 3/16	-	-
36"	602740	333059	47 1/8	2 11/16	9 5/8	13 1/4	12	33 7/16	-	-
42"	337939	333060	53 1/8	2 11/16	10 11/16	15 1/4	12	38 7/16	-	-
48"	602741	333061	59 1/8	2 11/16	11 13/16	17 1/4	12	44 9/16	-	-
54"	602742	333062	65 1/8	2 11/16	13 3/8	19 1/4	12	50 1/16	-	-
60"	602743	333063	71 1/8	2 11/16	14 1/2	21 1/4	12	55 5/16	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

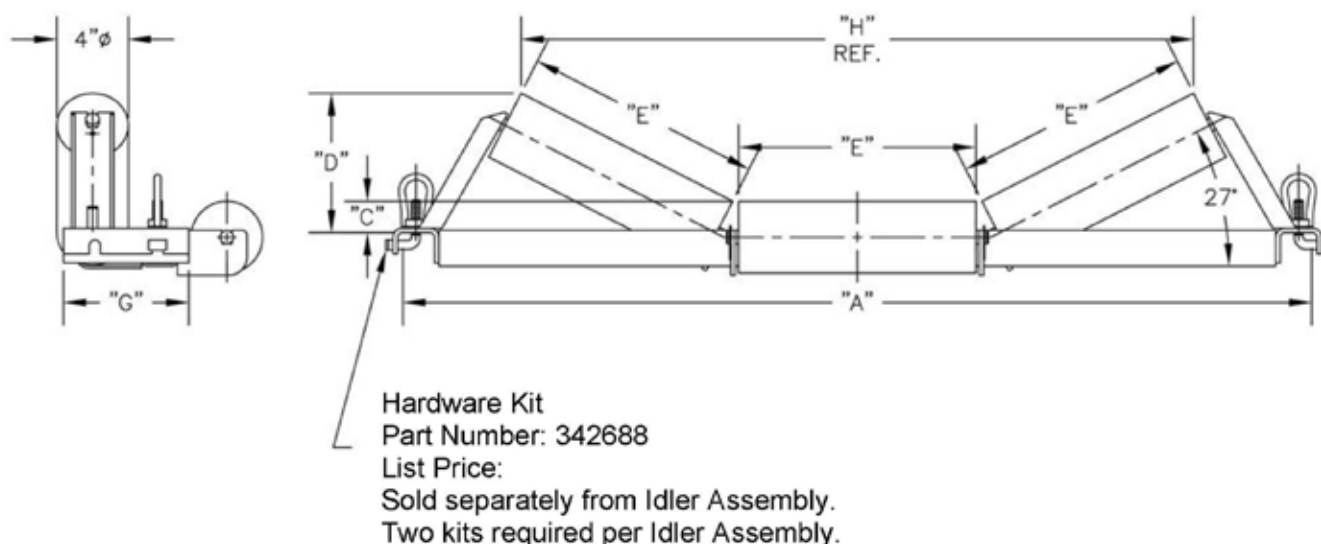
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 27°

Offset Carrying Idler Assembly

4" Diameter Steel Roll

Wire-Rope Mount



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
A	C	D	E	G	H					
18"	602744	324641	30	1 9/16	4 7/8	7 1/4	7	20 7/8	-	-
24"	399339	323373	36	1 9/16	5 13/16	9 1/4	7	26 7/16	-	-
30"	323457	324652	42	1 9/16	6 11/16	11 1/4	7	32	-	-
36"	340220	324653	48	1 9/16	7 5/8	13 1/4	7	37 9/16	-	-
42"	340217	324658	54	1 9/16	8 5/8	15 1/4	7	43 1/8	-	-
48"	602745	324662	60	1 9/16	9 7/16	17 1/4	7	48 11/16	-	-
54"	602746	324669	66	1 9/16	10 3/8	19 1/4	7	54 1/4	-	-
60"	602747	324705	72	1 9/16	11 1/4	21 1/4	7	59 13/16	-	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

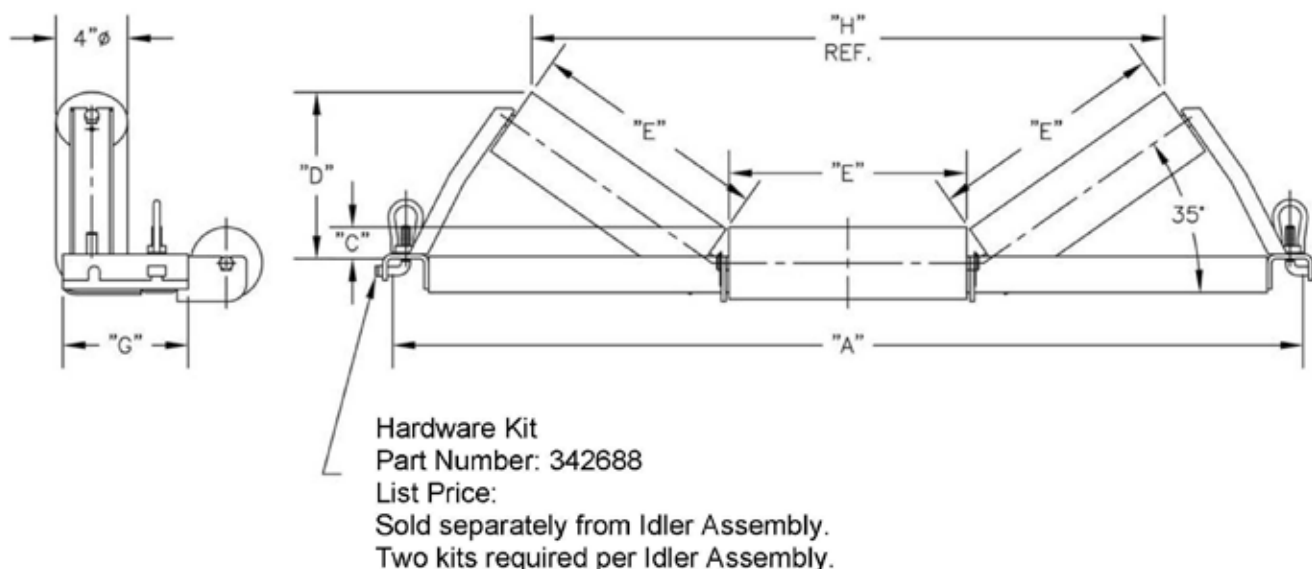
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 35°

Offset Carrying Idler Assembly

4" Diameter Steel Roll

Wire-Rope Mount



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
A	C	D	E	G	H					
18"	602760	324641	30	1 9/16	5 3/4	7 1/4	7	19 7/16	-	-
24"	602761	323373	36	1 9/16	6 7/8	9 1/4	7	24 3/4	-	-
30"	354891	324652	42	1 9/16	8 1/16	11 1/4	7	30	-	-
36"	329226	324653	48	1 9/16	9 3/16	13 1/4	7	35 1/4	-	-
42"	329253	324658	54	1 9/16	10 5/16	15 1/4	7	40 9/16	-	-
48"	329264	324662	60	1 9/16	11 1/2	17 1/4	7	45 13/16	-	-
54"	602762	324669	66	1 9/16	12 5/8	19 1/4	7	51 1/8	-	-
60"	602763	324705	72	1 9/16	13 3/4	21 1/4	7	56 3/8	-	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

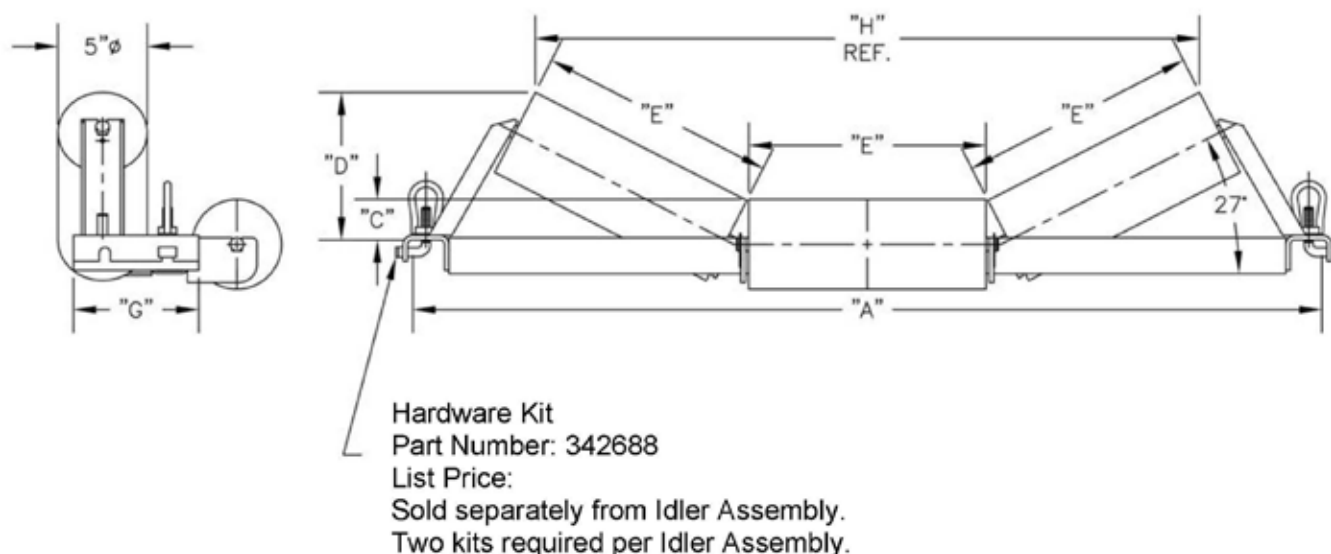
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 27°

Offset Carrying Idler Assembly

5" Diameter Steel Roll

Wire-Rope Mount



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
A	C	D	E	G	H					
18"	602748	325333	30	2 1/16	5 7/16	7 1/4	7	20 3/8	-	-
24"	602749	325335	36	2 1/16	6 5/16	9 1/4	7	25 15/16	-	-
30"	354890	325338	42	2 1/16	7 1/4	11 1/4	7	31 1/2	-	-
36"	340224	325339	48	2 1/16	8 1/8	13 1/4	7	37 1/8	-	-
42"	340218	325341	54	2 1/16	9 1/16	15 1/4	7	42 11/16	-	-
48"	602750	325342	60	2 1/16	9 15/16	17 1/4	7	48 1/4	-	-
54"	602751	325343	66	2 1/16	10 7/8	19 1/4	7	53 13/16	-	-
60"	602752	325344	72	2 1/16	11 3/4	21 1/4	7	59 3/8	-	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

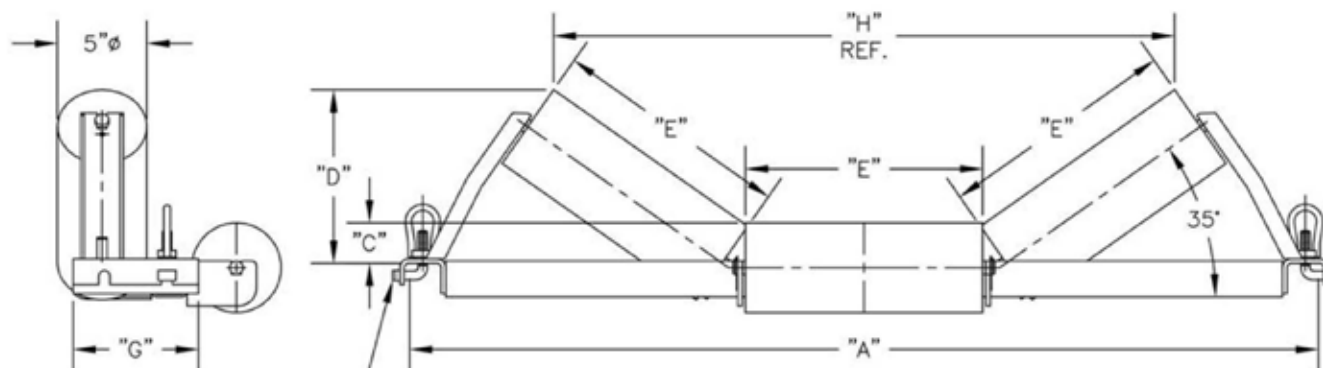
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 35°

Offset Carrying Idler Assembly

5" Diameter Steel Roll

Wire-Rope Mount



Hardware Kit
Part Number: 342688
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
A	C	D	E	G	H					
18"	602764	325333	30	2 1/16	6 1/8	7 1/4	7	18 15/16	-	-
24"	602765	325335	36	2 1/16	7 1/4	9 1/4	7	24 3/16	-	-
30"	354892	325338	42	2 1/16	8 3/8	11 1/4	7	29 1/2	-	-
36"	340206	325339	48	2 1/16	9 3/8	13 1/4	7	34 11/16	-	-
42"	327175	325341	54	2 1/16	10 9/16	15 1/4	7	39 15/16	-	-
48"	299987	325342	60	2 1/16	11 13/16	17 1/4	7	45 1/8	-	-
54"	375932	325343	66	2 1/16	12 15/16	19 1/4	7	50 5/8	-	-
60"	241434	325344	72	2 1/16	14 1/8	21 1/4	7	55 7/8	-	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

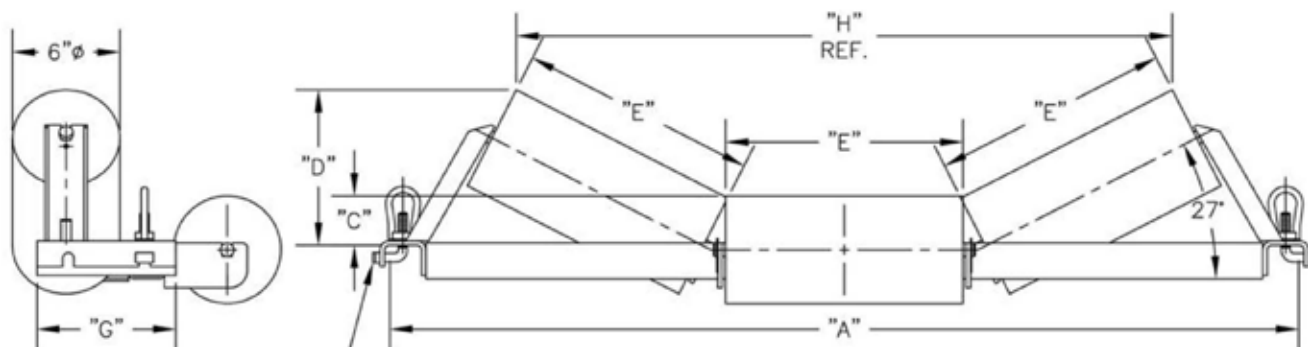
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 27°

Offset Carrying Idler Assembly

6" Diameter Steel Roll

Wire-Rope Mount



Hardware Kit
Part Number: 342688
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
24"	602753	325365	36	2 9/16	6 3/4	9 1/4	8	25 1/2	-	-
30"	602754	325366	42	2 9/16	7 11/16	11 1/4	8	31 1/16	-	-
36"	602755	325367	48	2 9/16	8 9/16	13 1/4	8	36 5/8	-	-
42"	602756	325368	54	2 9/16	9 1/2	15 1/4	8	42 3/16	-	-
48"	602757	325369	60	2 9/16	10 3/8	17 1/4	8	47 3/4	-	-
54"	602758	325370	66	2 9/16	11 5/16	19 1/4	8	53 5/16	-	-
60"	602759	325372	72	2 9/16	12 1/4	21 1/4	8	58 7/8	-	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

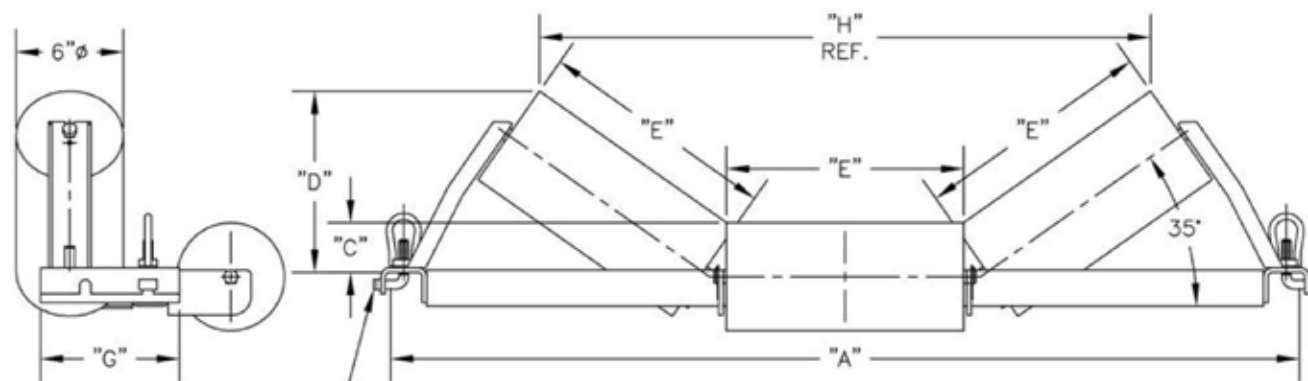
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 35°

Offset Carrying Idler Assembly

6" Diameter Steel Roll

Wire-Rope Mount



Hardware Kit
Part Number: 342688
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
24"	602766	325365	36	2 9/16	7 5/16	9 1/4	8	22 7/8	-	-
30"	602767	325366	42	2 9/16	8 1/2	11 1/4	8	28 3/16	-	-
36"	355926	325367	48	2 9/16	9 5/8	13 1/4	8	33 7/16	-	-
42"	375923	325368	54	2 9/16	10 11/16	15 1/4	8	38 7/16	-	-
48"	375929	325369	60	2 9/16	11 13/16	17 1/4	8	44 9/16	-	-
54"	375933	325370	66	2 9/16	13 3/8	19 1/4	8	50 1/16	-	-
60"	375935	325372	72	2 9/16	14 1/2	21 1/4	8	55 5/16	-	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

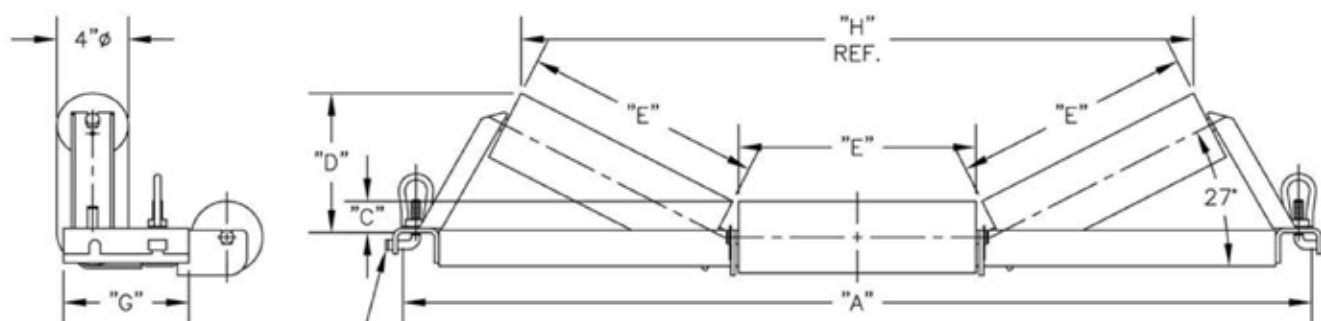
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 27°

Offset Carrying Idler Assembly

4" Diameter EXALON Roll

Wire-Rope Mount



Hardware Kit
Part Number: 342688
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
18"	602779	384045	30	1 9/16	4 7/8	7 1/4	7	20 7/8	-	P.O.R.
24"	602780	384046	36	1 9/16	5 13/16	9 1/4	7	26 7/16	-	P.O.R.
30"	602781	384047	42	1 9/16	6 11/16	11 1/4	7	32	-	P.O.R.
36"	602782	384048	48	1 9/16	7 5/8	13 1/4	7	37 9/16	-	P.O.R.
42"	602783	384049	54	1 9/16	8 5/8	15 1/4	7	43 1/8	-	P.O.R.
48"	602784	384050	60	1 9/16	9 7/16	17 1/4	7	48 11/16	-	P.O.R.
54"	602785	384051	66	1 9/16	10 3/8	19 1/4	7	54 1/4	-	P.O.R.
60"	602786	384052	72	1 9/16	11 1/4	21 1/4	7	59 13/16	-	P.O.R.

All dimensions are subject to change without notice. Certified prints are available upon request.

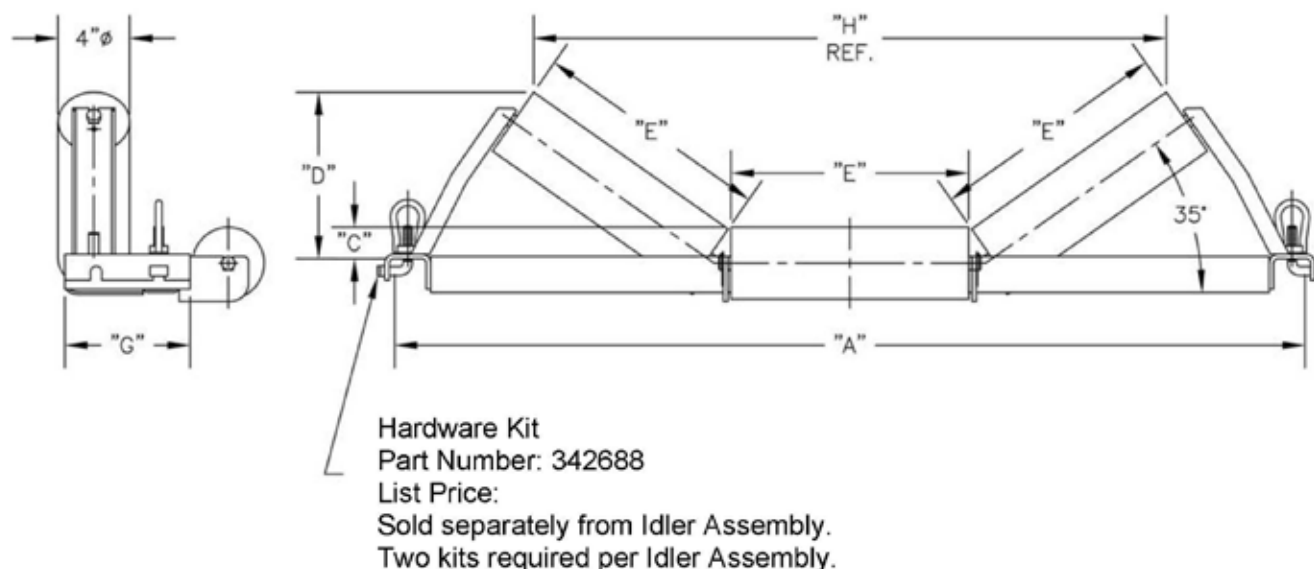
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 35°

Offset Carrying Idler Assembly

4" Diameter EXALON Roll

Wire-Rope Mount



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
A	C	D	E	G	H					
18"	602802	384045	30	1 9/16	5 3/4	7 1/4	7	19 7/16	-	P.O.R.
24"	602803	384046	36	1 9/16	6 7/8	9 1/4	7	24 3/4	-	P.O.R.
30"	602804	384047	42	1 9/16	8 1/16	11 1/4	7	30	-	P.O.R.
36"	602805	384048	48	1 9/16	9 3/16	13 1/4	7	35 1/4	-	P.O.R.
42"	602806	384049	54	1 9/16	10 5/16	15 1/4	7	40 9/16	-	P.O.R.
48"	602807	384050	60	1 9/16	11 1/2	17 1/4	7	45 13/16	-	P.O.R.
54"	602808	384051	66	1 9/16	12 5/8	19 1/4	7	51 1/8	-	P.O.R.
60"	602809	384052	72	1 9/16	13 3/4	21 1/4	7	56 3/8	-	P.O.R.

All dimensions are subject to change without notice. Certified prints are available upon request.

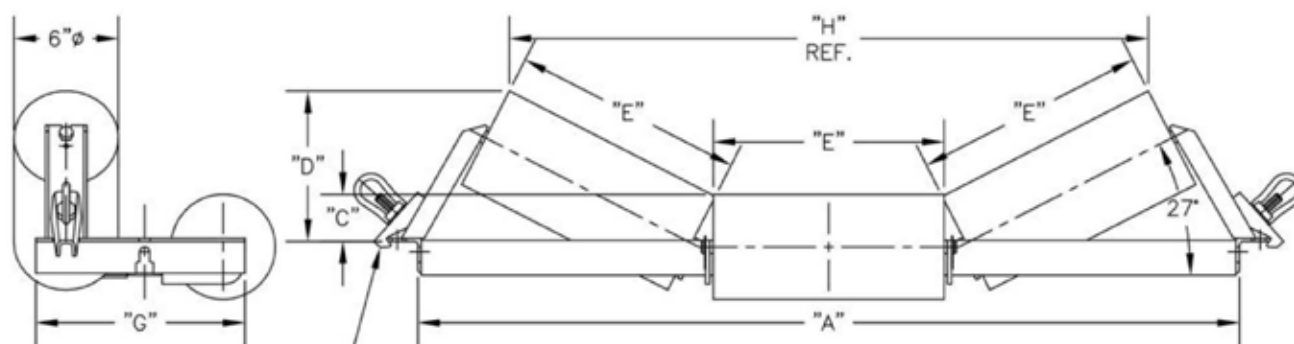
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 27°

Offset Carrying Idler Assembly

5" Diameter EXALON Roll

Wire-Rope Mount



Hardware Kit
Part Number: 342689
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
A	C	D	E	G	H					
18"	602787	333038	30	2 1/16	5 7/16	7 1/4	7	20 3/8	-	P.O.R.
24"	602788	333040	36	2 1/16	6 5/16	9 1/4	7	25 15/16	-	P.O.R.
30"	602789	333041	42	2 1/16	7 1/4	11 1/4	7	31 1/2	-	P.O.R.
36"	602790	333042	48	2 1/16	8 1/8	13 1/4	7	37 1/8	-	P.O.R.
42"	602791	317178	54	2 1/16	9 1/16	15 1/4	7	42 11/16	-	P.O.R.
48"	602792	308591	60	2 1/16	9 15/16	17 1/4	7	48 1/4	-	P.O.R.
54"	602793	333043	66	2 1/16	10 7/8	19 1/4	7	53 13/16	-	P.O.R.
60"	602794	333044	72	2 1/16	11 3/4	21 1/4	7	59 3/8	-	P.O.R.

All dimensions are subject to change without notice. Certified prints are available upon request.

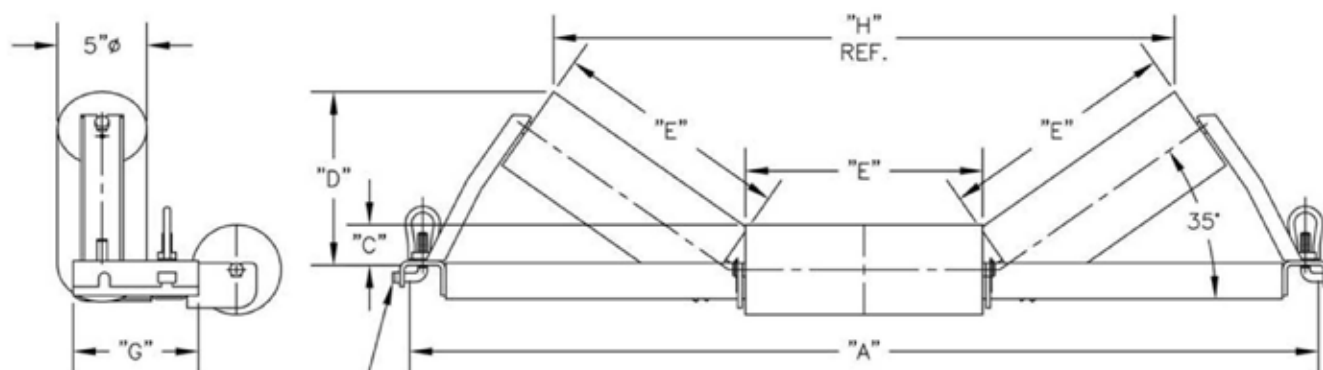
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 35°

Offset Carrying Idler Assembly

5" Diameter EXALON Roll

Wire-Rope Mount



Hardware Kit
Part Number: 342688
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
18"	602810	333038	30	2 1/16	6 1/8	7 1/4	7	18 15/16	-	P.O.R.
24"	602811	333040	36	2 1/16	7 1/4	9 1/4	7	24 3/16	-	P.O.R.
30"	602812	333041	42	2 1/16	8 3/8	11 1/4	7	29 1/2	-	P.O.R.
36"	602813	333042	48	2 1/16	9 3/8	13 1/4	7	34 11/16	-	P.O.R.
42"	317201	317178	54	2 1/16	10 9/16	15 1/4	7	39 15/16	-	-
48"	325969	308591	60	2 1/16	11 13/16	17 1/4	7	45 1/8	-	-
54"	602814	333043	66	2 1/16	12 15/16	19 1/4	7	50 5/8	-	P.O.R.
60"	602815	333044	72	2 1/16	14 1/8	21 1/4	7	55 7/8	-	P.O.R.

All dimensions are subject to change without notice. Certified prints are available upon request.

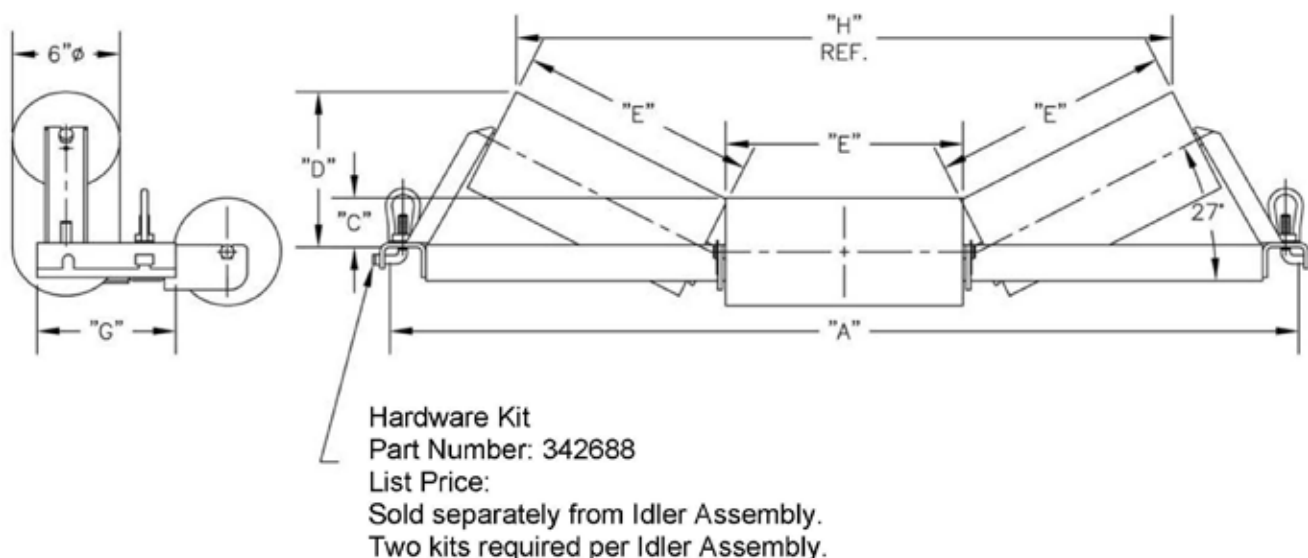
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 27°

Offset Carrying Idler Assembly

6" Diameter EXALON Roll

Wire-Rope Mount



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
24"	602795	333057	36	2 9/16	6 3/4	9 1/4	8	25 1/2	-	P.O.R.
30"	602796	333058	42	2 9/16	7 11/16	11 1/4	8	31 1/16	-	P.O.R.
36"	602797	333059	48	2 9/16	8 9/16	13 1/4	8	36 5/8	-	P.O.R.
42"	602798	333060	54	2 9/16	9 1/2	15 1/4	8	42 3/16	-	P.O.R.
48"	602799	333061	60	2 9/16	10 3/8	17 1/4	8	47 3/4	-	P.O.R.
54"	602800	333062	66	2 9/16	11 5/16	19 1/4	8	53 5/16	-	P.O.R.
60"	602801	333063	72	2 9/16	12 1/4	21 1/4	8	58 7/8	-	P.O.R.

All dimensions are subject to change without notice. Certified prints are available upon request.

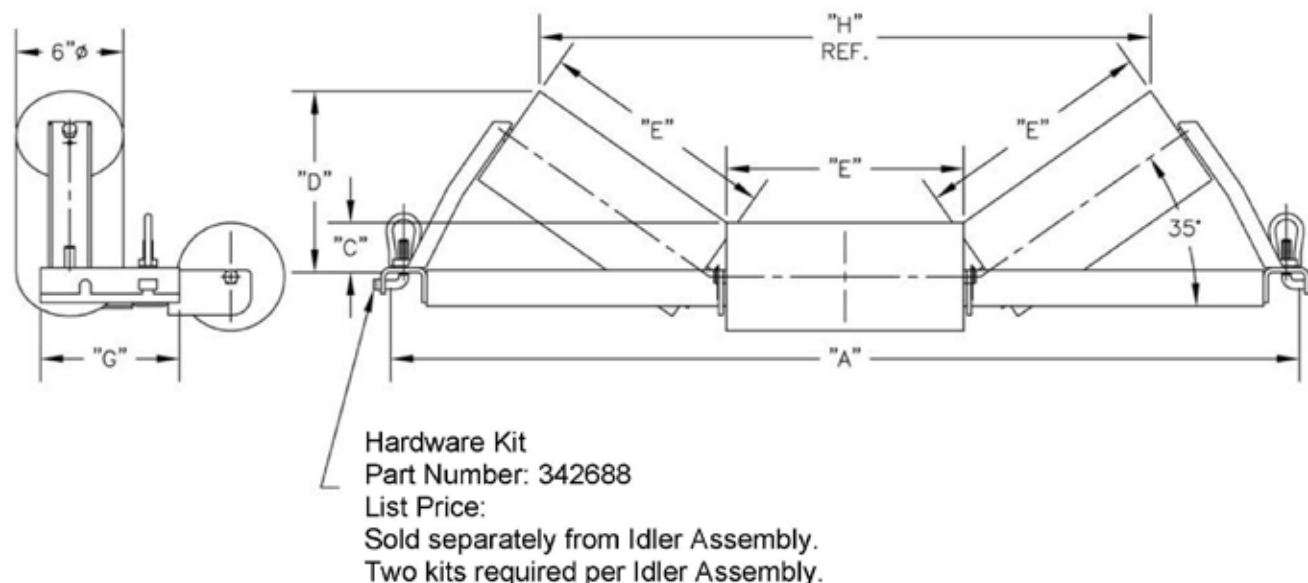
*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C 35°

Offset Carrying Idler Assembly

6" Diameter EXALON Roll

Wire-Rope Mount



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
24"	602816	333057	36	2 9/16	7 5/16	9 1/4	8	22 7/8	-	P.O.R.
30"	602817	333058	42	2 9/16	8 1/2	11 1/4	8	28 3/16	-	P.O.R.
36"	602818	333059	48	2 9/16	9 5/8	13 1/4	8	33 7/16	-	P.O.R.
42"	602819	333060	54	2 9/16	10 11/16	15 1/4	8	38 7/16	-	P.O.R.
48"	602820	333061	60	2 9/16	11 13/16	17 1/4	8	44 9/16	-	P.O.R.
54"	602821	333062	66	2 9/16	13 3/8	19 1/4	8	50 1/16	-	P.O.R.
60"	602822	333063	72	2 9/16	14 1/2	21 1/4	8	55 5/16	-	P.O.R.

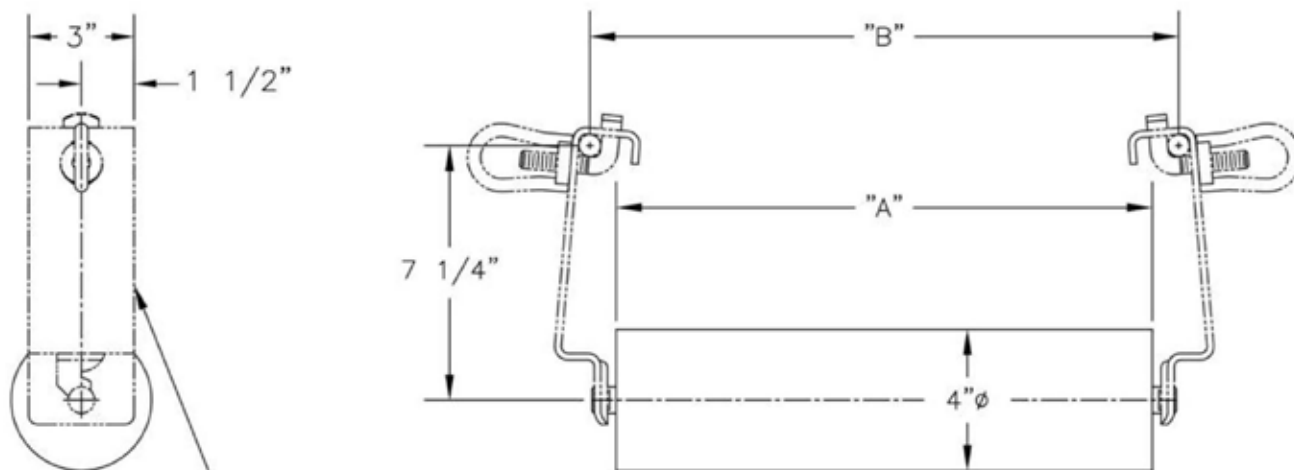
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: Replacement roll pricing and dimensional data is located on page 268.

CEMA C

Return Idler Assembly

4" Diameter Steel Roll



Drop brackets sold separately from return roll.
Wire-Rope style drop brackets shown.
Additional style drop brackets begin on page 262.

Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
18"	324709	29	30	24	
24"	324714	35	36	28	-
30"	324717	41	42	32	-
36"	324721	47	48	37	-
42"	324727	53	54	41	-
48"	324730	59	60	46	-
54"	324732	65	66	50	-
60"	324735	71	72	55	-

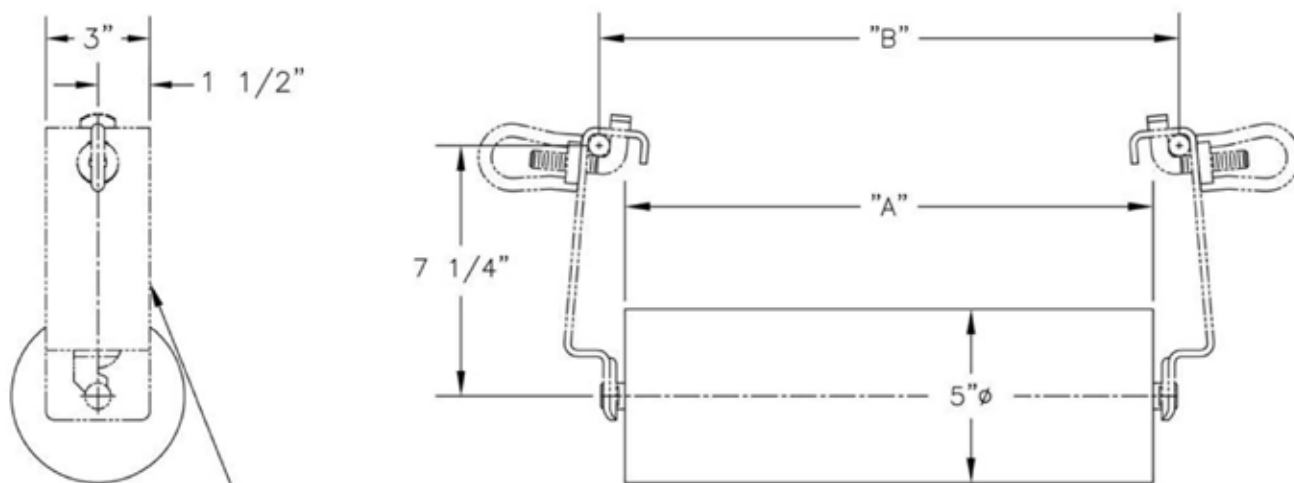
All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 268.

CEMA C

Return Idler Assembly

5" Diameter Steel Roll



Drop brackets sold separately from return roll.
Wire-Rope style drop brackets shown.
Additional style drop brackets begin on page 262.

Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
18"	325345	29	30	29	
24"	325348	35	36	34	-
30"	325354	41	42	40	-
36"	325356	47	48	45	-
42"	325357	53	54	50	-
48"	325358	59	60	53	-
54"	325359	65	66	61	-
60"	325360	71	72	67	-

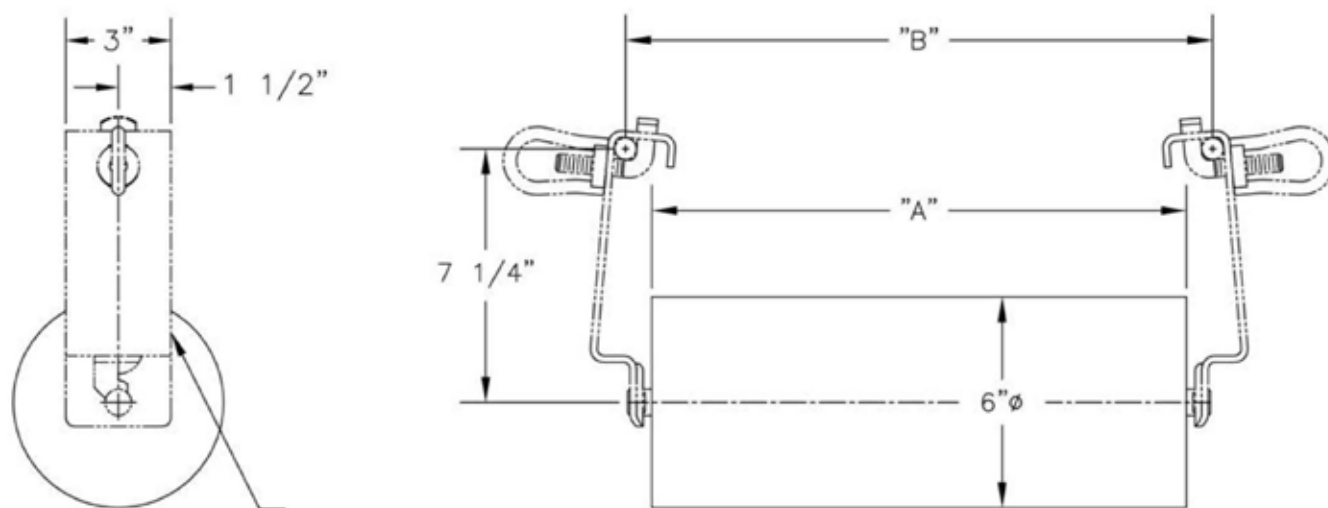
All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 268.

CEMA C

Return Idler Assembly

6" Diameter Steel Roll



Drop brackets sold separately from return roll.
Wire-Rope style drop brackets shown.
Additional style drop brackets begin on page 262.

Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
24"	325452	35	36	41	-
30"	325454	41	42	47	-
36"	325485	47	48	53	-
42"	325488	53	54	60	-
48"	325493	59	60	66	-
54"	325498	65	66	72	-
60"	325501	71	72	79	-

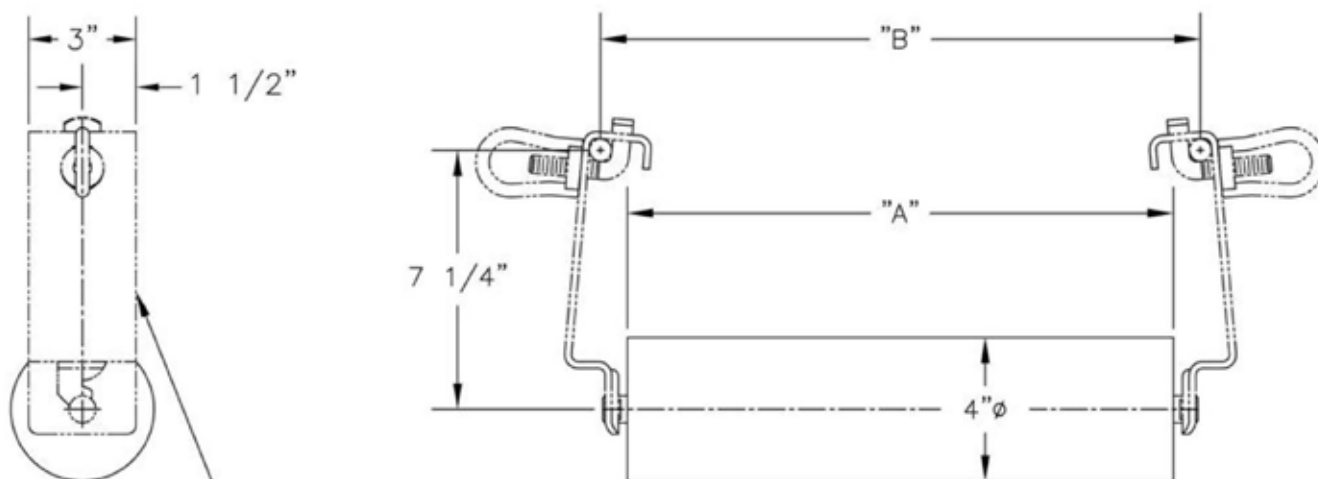
All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 268.

CEMA C

Return Idler Assembly

4" Diameter EXALON Roll



Drop brackets sold separately from return roll.
Wire-Rope style drop brackets shown.
Additional style drop brackets begin on page 262.

Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
18"	394319	29	30	18	-
24"	394320	35	36	20	-
30"	394328	41	42	28	-
36"	394329	47	48	41	-
42"	394331	53	54	46	-
48"	394332	59	60	52	-
54"	394333	65	66	57	-
60"	394334	71	72	63	-

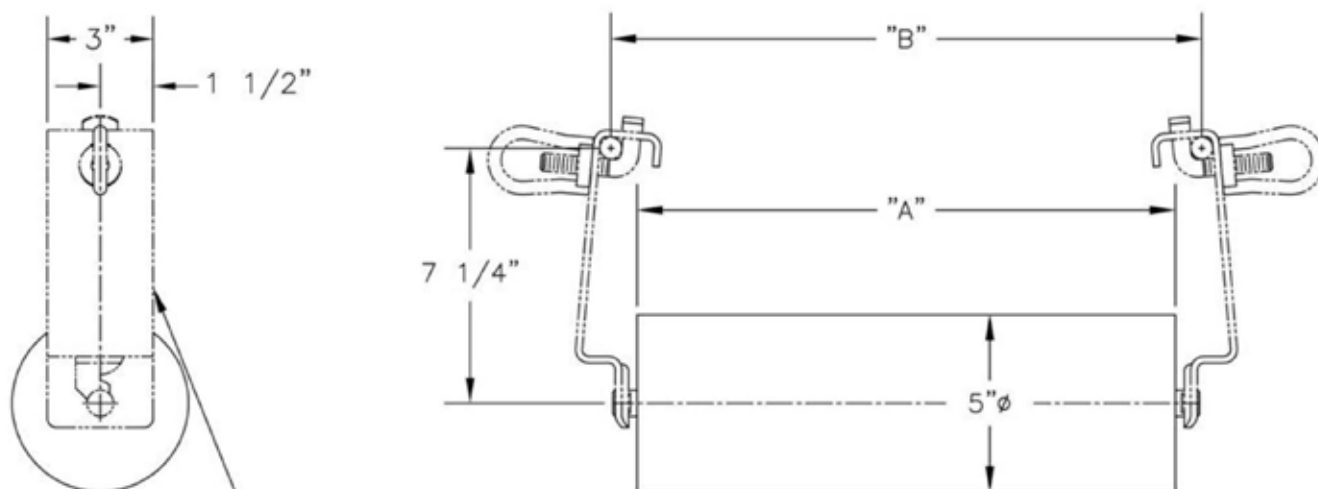
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 268.

CEMA C

Return Idler Assembly

5" Diameter EXALON Roll



Drop brackets sold separately from return roll.
Wire-Rope style drop brackets shown.
Additional style drop brackets begin on page 262.

Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
18"	333066	29	30	19	-
24"	333070	35	36	27	-
30"	333071	41	42	32	-
36"	333072	47	48	47	-
42"	333546	53	54	52	-
48"	311943	59	60	59	-
54"	333103	65	66	64	-
60"	266251	71	72	69	-

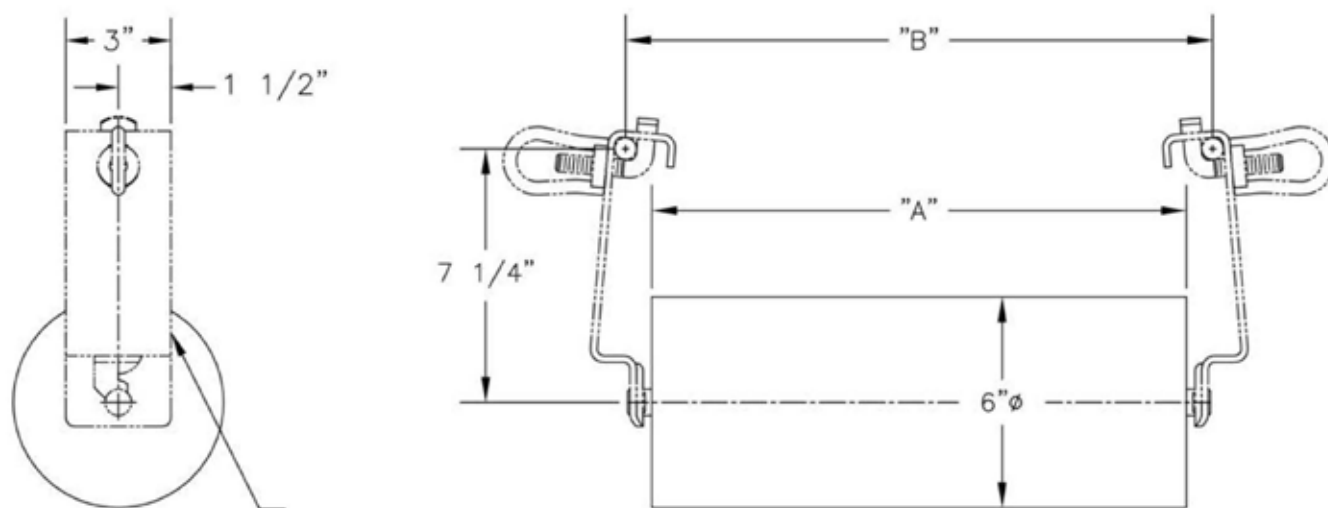
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 268.

CEMA C

Return Idler Assembly

6" Diameter EXALON Roll



Drop brackets sold separately from return roll.
Wire-Rope style drop brackets shown.
Additional style drop brackets begin on page 262.

Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
24"	333098	35	36	30	-
30"	333099	41	42	37	-
36"	333100	47	48	52	-
42"	333101	53	54	58	-
48"	333106	59	60	65	-
54"	266247	65	66	71	-
60"	333107	71	72	77	-

All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 268.

Drop Brackets

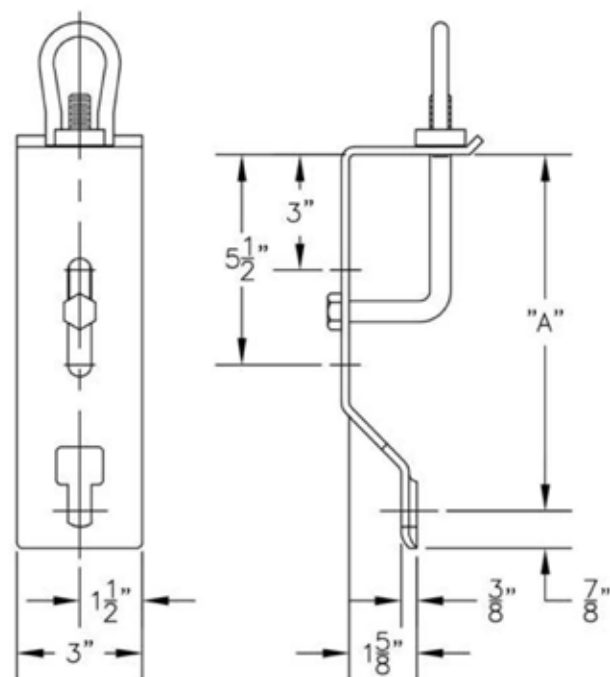
Drop Length	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
9"	338431	9	-	-
12"	338433	12	-	-
15"	338435	15	-	-

All dimensions are subject to change without notice. Certified prints are available upon request

CEMA C

Drop Brackets

4" Channel

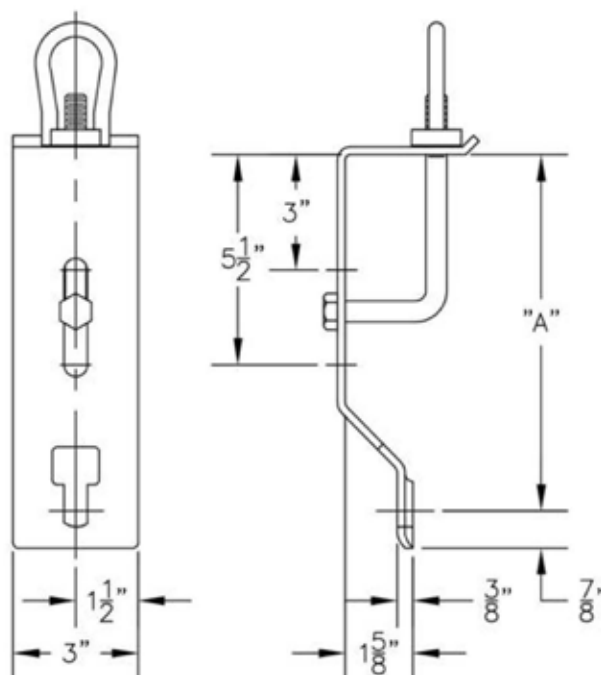


Drop Length	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
9"	338426	9	-	-
12"	338428	12	-	-
15"	338430	15	-	-

All dimensions are subject to change without notice. Certified prints are available upon request

Drop Brackets

5" Channel



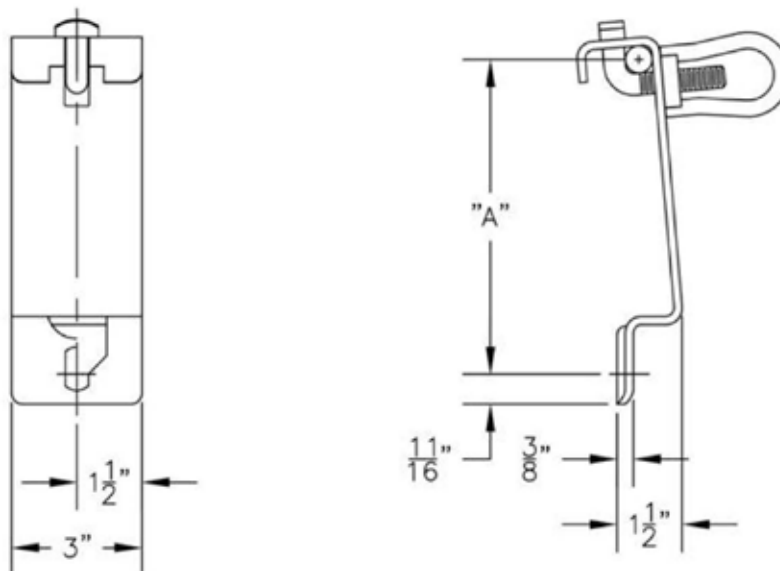
Drop Length	Part Number	Dimensions (inches)	Weight (lbs)	List Price
9"	338437	9	-	-
12"	338439	12	-	-
15"	288558	15	-	-

All dimensions are subject to change without notice. Certified prints are available upon request

CEMA C

Drop Brackets

Wire-Rope



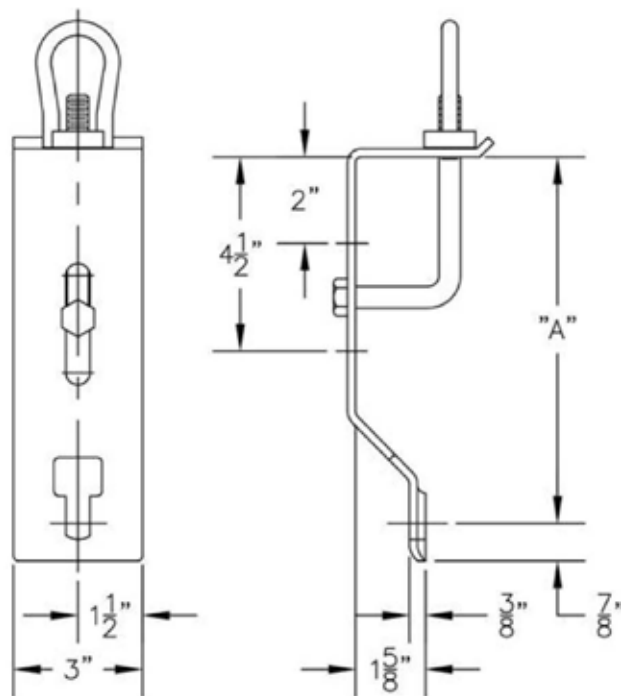
Drop Length	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
5 3/4"	391355	5 3/4	-	-
7 1/4"	391356	7 1/4	-	-
9"	391357	9	-	-
11 1/4"	391358	11 1/4	-	-

All dimensions are subject to change without notice. Certified prints are available upon request

CEMA C

Drop Brackets

2"x 2" Tubing



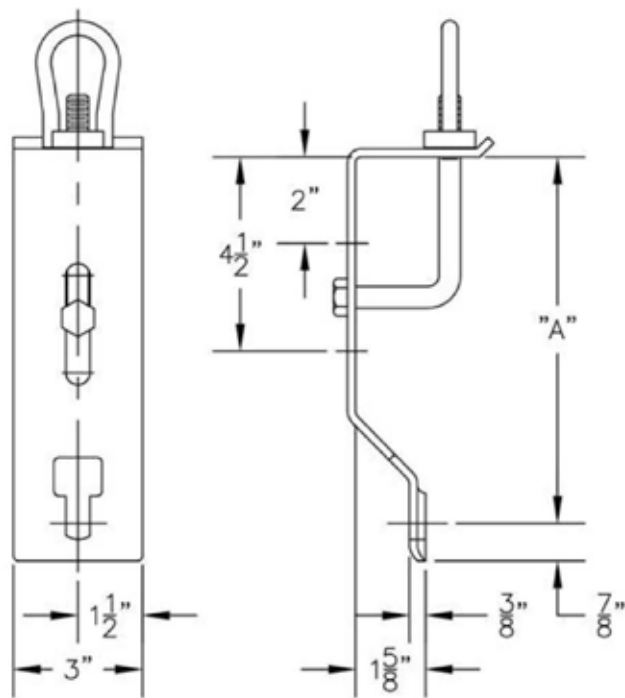
Drop Length	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
9"	324744	9	-	-
12"	347071	12	-	-
14"	352874	14	-	-
18"	352876	18	-	-

All dimensions are subject to change without notice. Certified prints are available upon request

CEMA C

Drop Brackets

2"x 3" Tubing



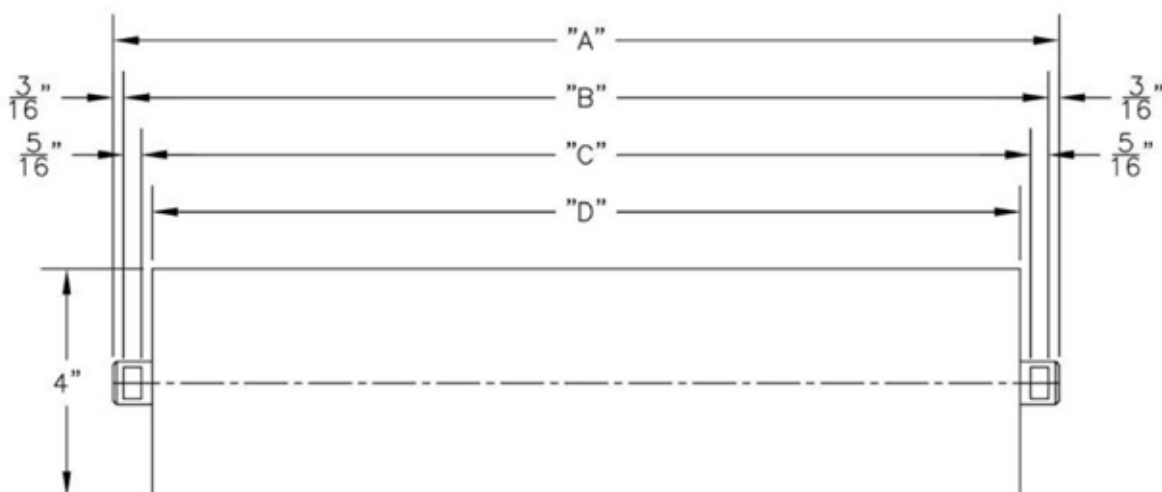
Drop Length	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
9"	347070	9	-	-
12"	347072	12	-	-
14"	352875	14	-	-
18"	352877	18	-	-

All dimensions are subject to change without notice. Certified prints are available upon request

CEMA C

Replacement Carrying Rolls

4" Diameter Steel Roll



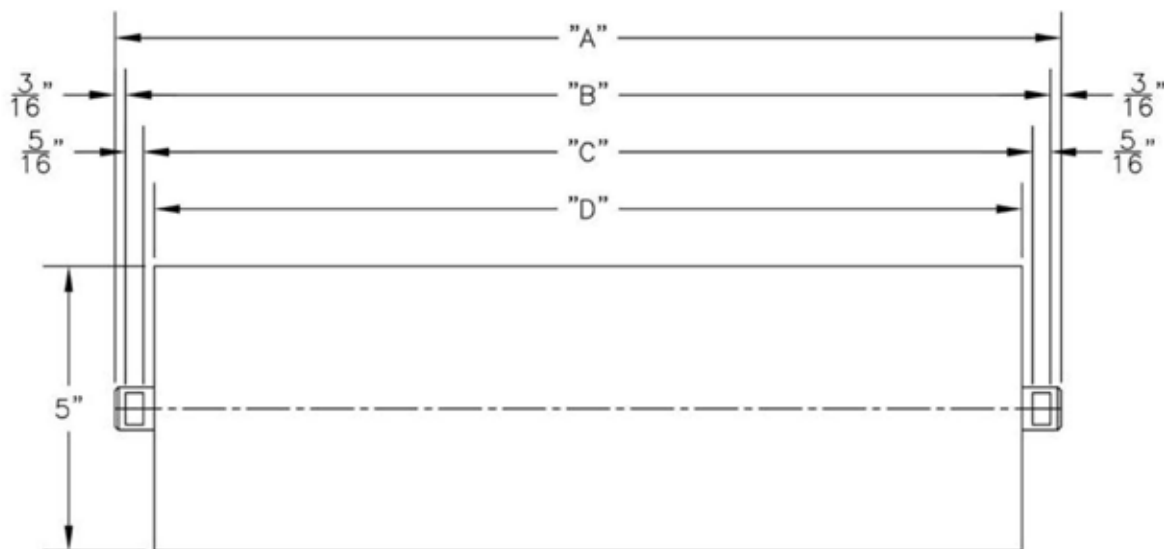
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
18"	324641	8 5/8	8 1/4	7 5/8	7 1/4	7	-
24"	323373	10 5/8	10 1/4	9 5/8	9 1/4	9	-
30"	324652	12 5/8	12 1/4	11 5/8	11 1/4	11	-
36"	324653	14 5/8	14 1/4	13 5/8	13 1/4	12	-
42"	324658	16 5/8	16 1/4	15 5/8	15 1/4	13	-
48"	324662	18 5/8	18 1/4	17 5/8	17 1/4	15	-
54"	324669	20 5/8	20 1/4	19 5/8	19 1/4	16	-
60"	324705	22 5/8	22 1/4	21 5/8	21 1/4	18	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Carrying Rolls

5" Diameter Steel Roll



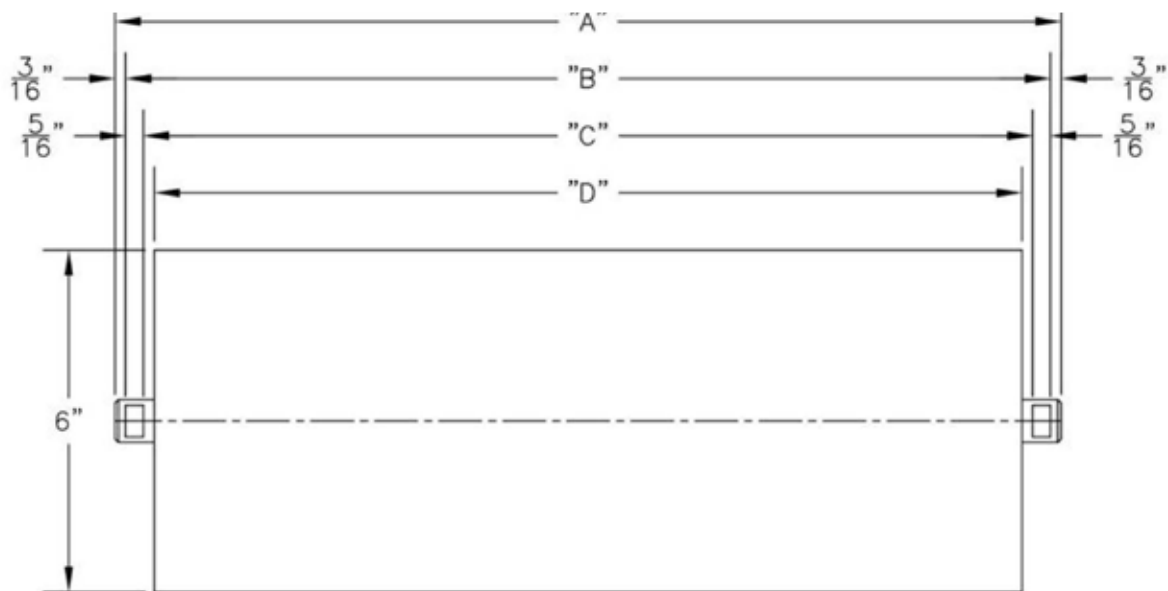
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
18"	325333	8 5/8	8 1/4	7 5/8	7 1/4	9	-
24"	325335	10 5/8	10 1/4	9 5/8	9 1/4	11	-
30"	325338	12 5/8	12 1/4	11 5/8	11 1/4	13	-
36"	325339	14 5/8	14 1/4	13 5/8	13 1/4	15	-
42"	325341	16 5/8	16 1/4	15 5/8	15 1/4	17	-
48"	325342	18 5/8	18 1/4	17 5/8	17 1/4	18	-
54"	325343	20 5/8	20 1/4	19 5/8	19 1/4	20	-
60"	325344	22 5/8	22 1/4	21 5/8	21 1/4	22	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.
All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Carrying Rolls

6" Diameter Steel Roll



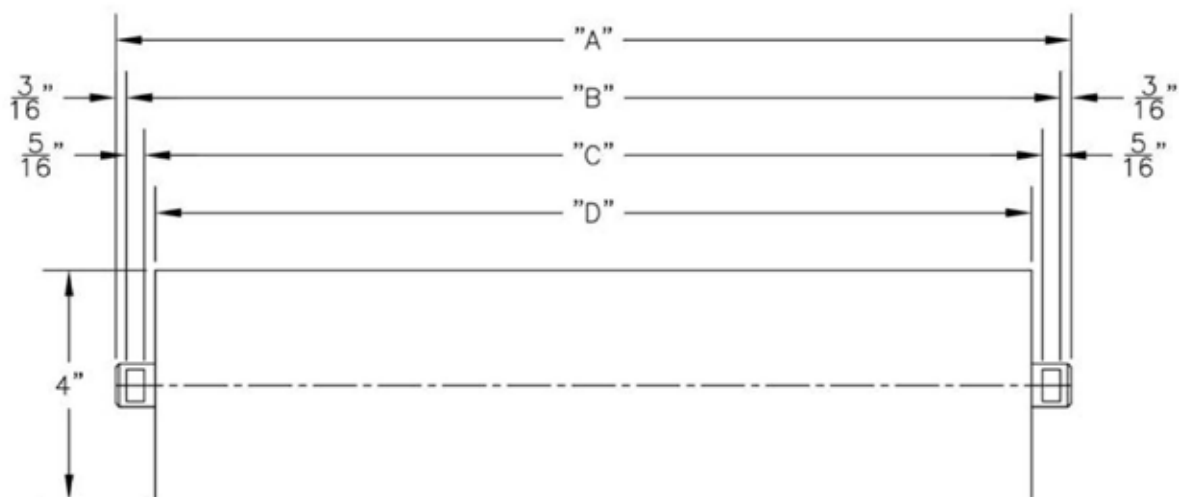
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
24"	325365	10 5/8	10 1/4	9 5/8	9 1/4	14	-
30"	325366	12 5/8	12 1/4	11 5/8	11 1/4	16	-
36"	325367	14 5/8	14 1/4	13 5/8	13 1/4	18	-
42"	325368	16 5/8	16 1/4	15 5/8	15 1/4	20	-
48"	325369	18 5/8	18 1/4	17 5/8	17 1/4	22	-
54"	325370	20 5/8	20 1/4	19 5/8	19 1/4	24	-
60"	325372	22 5/8	22 1/4	21 5/8	21 1/4	26	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Carrying Rolls

4" Diameter EXALON Roll



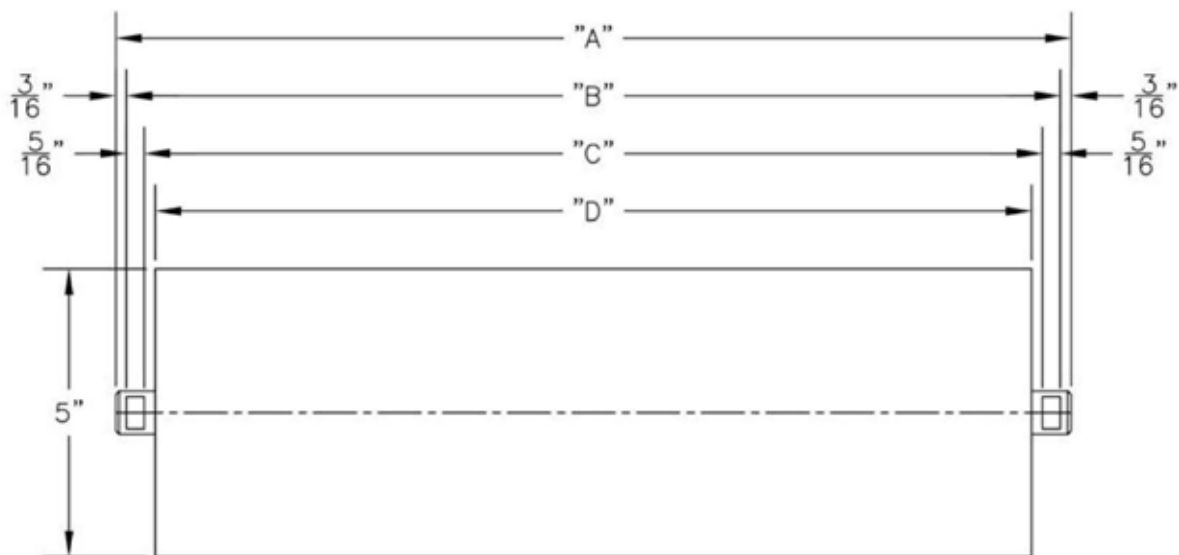
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
18"	384045	8 5/8	8 1/4	7 5/8	7 1/4	8	-
24"	384046	10 5/8	10 1/4	9 5/8	9 1/4	10	-
30"	384047	12 5/8	12 1/4	11 5/8	11 1/4	11	-
36"	384048	14 5/8	14 1/4	13 5/8	13 1/4	13	-
42"	384049	16 5/8	16 1/4	15 5/8	15 1/4	14	-
48"	384050	18 5/8	18 1/4	17 5/8	17 1/4	16	-
54"	384051	20 5/8	20 1/4	19 5/8	19 1/4	17	-
60"	384052	22 5/8	22 1/4	21 5/8	21 1/4	19	-

All dimensions are subject to change without notice. Certified prints are available upon request

CEMA C

Replacement Carrying Rolls

5" Diameter EXALON Roll



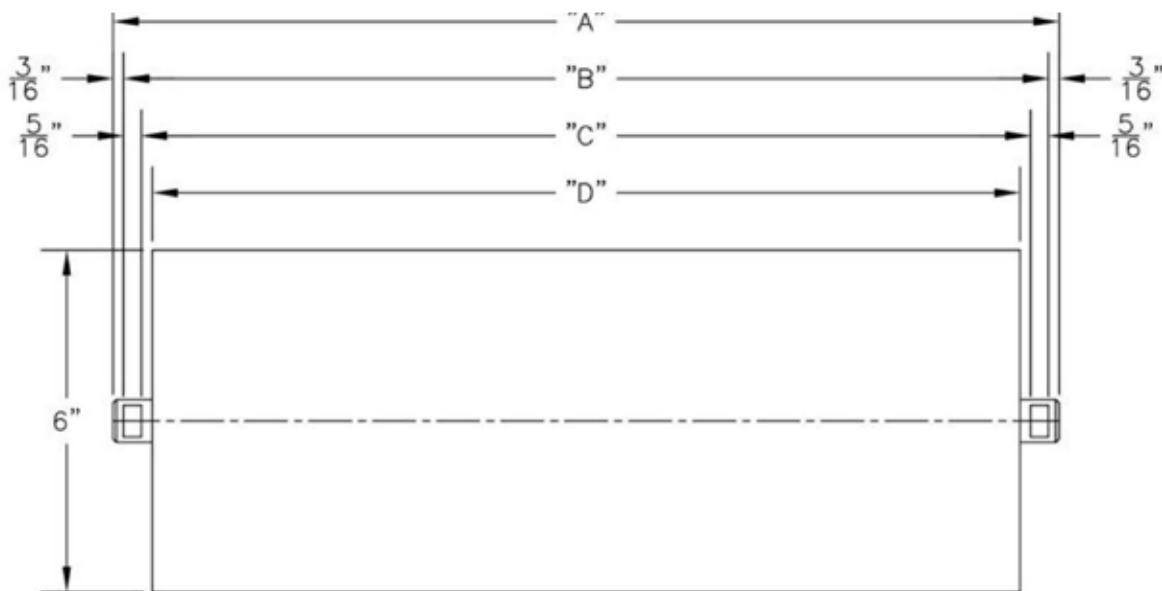
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
18"	333038	8 5/8	8 1/4	7 5/8	7 1/4	9	-
24"	333040	10 5/8	10 1/4	9 5/8	9 1/4	10	-
30"	333041	12 5/8	12 1/4	11 5/8	11 1/4	12	-
36"	333042	14 5/8	14 1/4	13 5/8	13 1/4	14	-
42"	317178	16 5/8	16 1/4	15 5/8	15 1/4	16	-
48"	308591	18 5/8	18 1/4	17 5/8	17 1/4	18	-
54"	333043	20 5/8	20 1/4	19 5/8	19 1/4	20	-
60"	333044	22 5/8	22 1/4	21 5/8	21 1/4	22	-

All dimensions are subject to change without notice. Certified prints are available upon request

CEMA C

Replacement Carrying Rolls

6" Diameter EXALON Roll



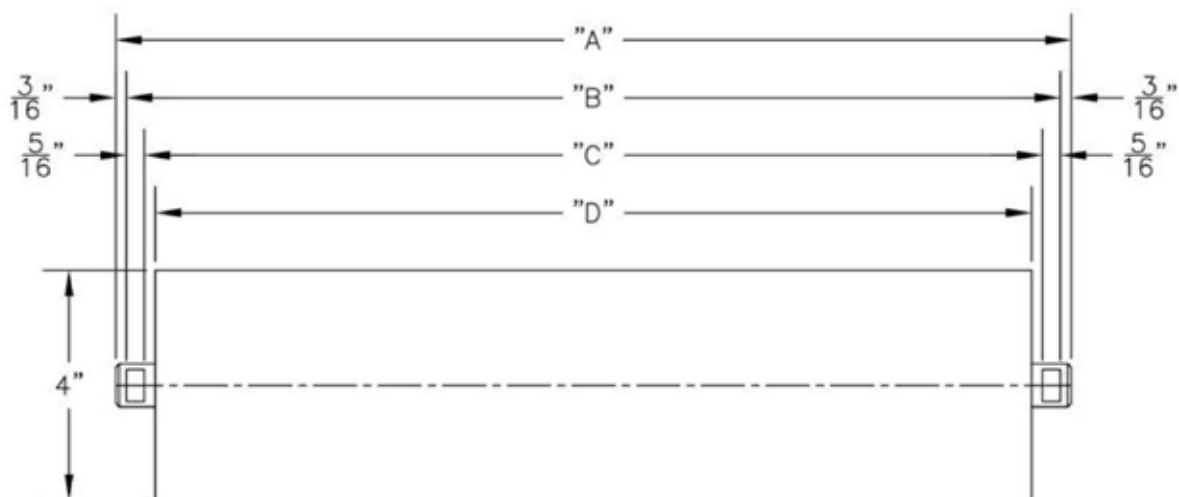
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
24"	333057	10 5/8	10 1/4	9 5/8	9 1/4	12	-
30"	333058	12 5/8	12 1/4	11 5/8	11 1/4	14	-
36"	333059	14 5/8	14 1/4	13 5/8	13 1/4	16	-
42"	333060	16 5/8	16 1/4	15 5/8	15 1/4	18	-
48"	333061	18 5/8	18 1/4	17 5/8	17 1/4	20	-
54"	333062	20 5/8	20 1/4	19 5/8	19 1/4	22	-
60"	333063	22 5/8	22 1/4	21 5/8	21 1/4	24	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Return Rolls

4" Diameter Steel Roll



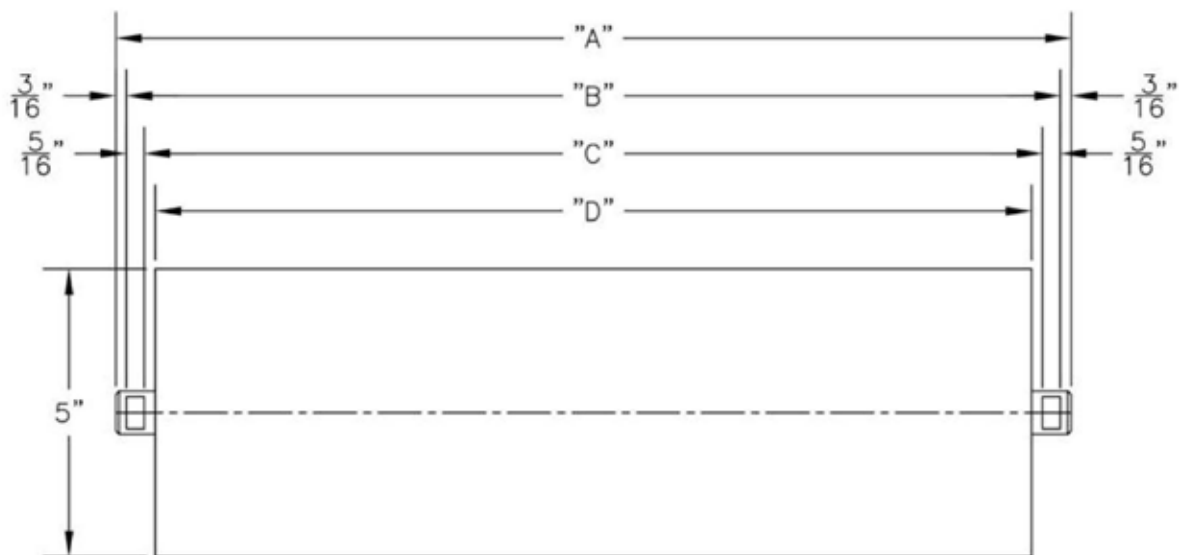
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
18"	324709	30 3/8	30	29 3/8	29	24	-
24"	324714	36 3/8	36	35 3/8	35	28	-
30"	324717	42 3/8	42	41 3/8	41	32	-
36"	324721	48 3/8	48	47 3/8	47	37	-
42"	324727	54 3/8	54	53 3/8	53	41	-
48"	324730	60 3/8	60	59 3/8	59	46	-
54"	324732	66 3/8	66	65 3/8	65	50	-
60"	324735	72 3/8	72	71 3/8	71	55	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.
All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Return Rolls

5" Diameter Steel Roll



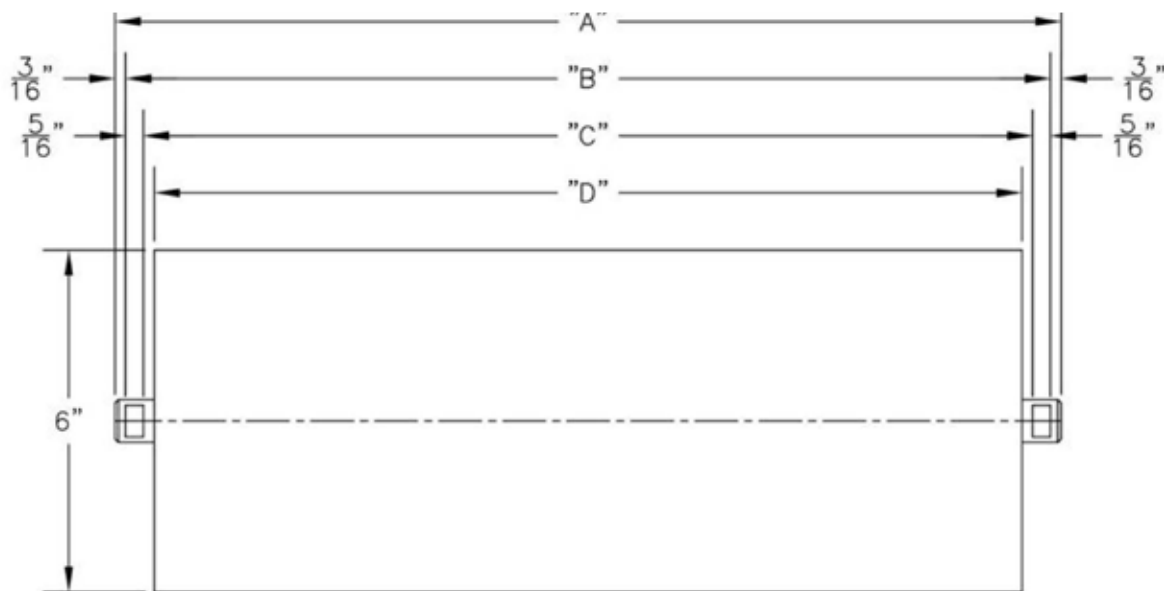
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
18"	325345	30 3/8	30	29 3/8	29	29	-
24"	325348	36 3/8	36	35 3/8	35	34	-
30"	325354	42 3/8	42	41 3/8	41	40	-
36"	325356	48 3/8	48	47 3/8	47	45	-
42"	325357	54 3/8	54	53 3/8	53	50	-
48"	325358	60 3/8	60	59 3/8	59	53	-
54"	325359	66 3/8	66	65 3/8	65	61	-
60"	325360	72 3/8	72	71 3/8	71	67	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Return Rolls

6" Diameter Steel Roll



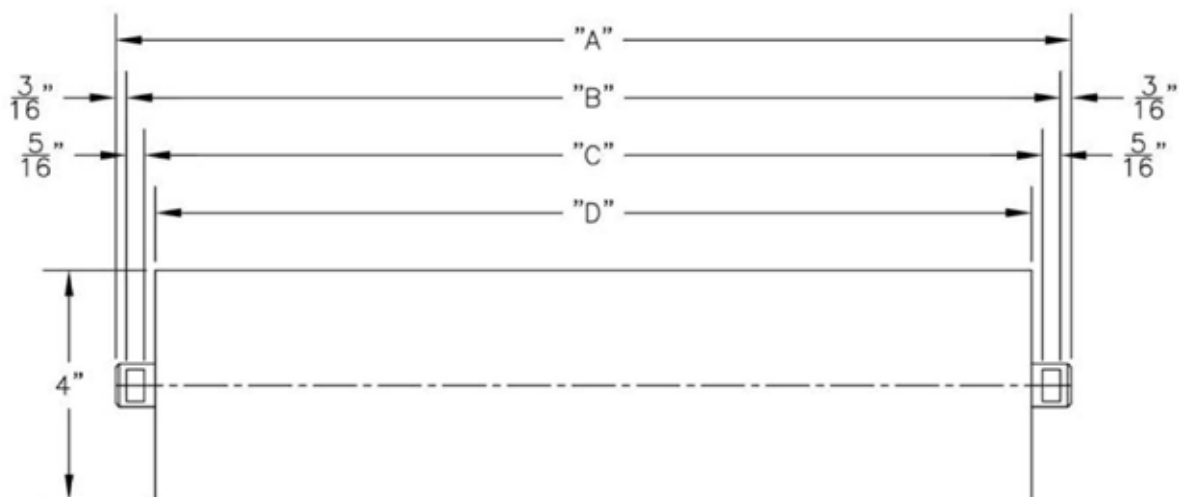
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
24"	325452	36 3/8	36	35 3/8	35	41	-
30"	325454	42 3/8	42	41 3/8	41	47	-
36"	325485	48 3/8	48	47 3/8	47	53	-
42"	325488	54 3/8	54	53 3/8	53	60	-
48"	325493	60 3/8	60	59 3/8	59	66	-
54"	325498	66 3/8	66	65 3/8	65	72	-
60"	325501	72 3/8	72	71 3/8	71	79	-

All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA C

Replacement Return Rolls

4" Diameter EXALON Roll



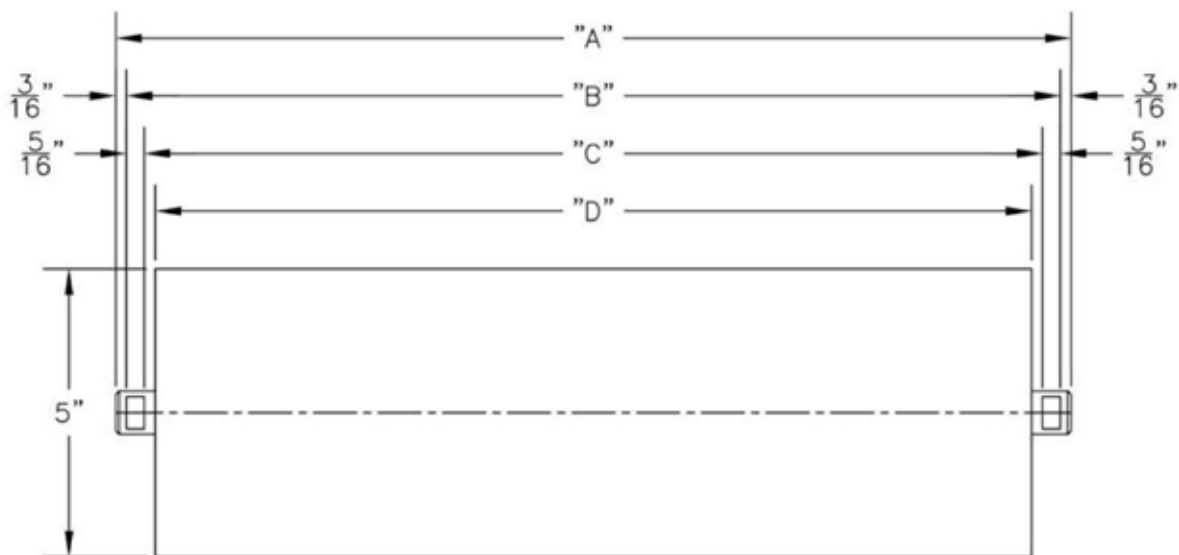
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
18"	394319	30 3/8	30	29 3/8	29	18	-
24"	394320	36 3/8	36	35 3/8	35	20	-
30"	394328	42 3/8	42	41 3/8	41	28	-
36"	394329	48 3/8	48	47 3/8	47	41	-
42"	394331	54 3/8	54	53 3/8	53	46	-
48"	394332	60 3/8	60	59 3/8	59	52	-
54"	394333	66 3/8	66	65 3/8	65	57	-
60"	394334	72 3/8	72	71 3/8	71	63	-

All dimensions are subject to change without notice. Certified prints are available upon request

CEMA C

Replacement Return Rolls

5" Diameter EXALON Roll



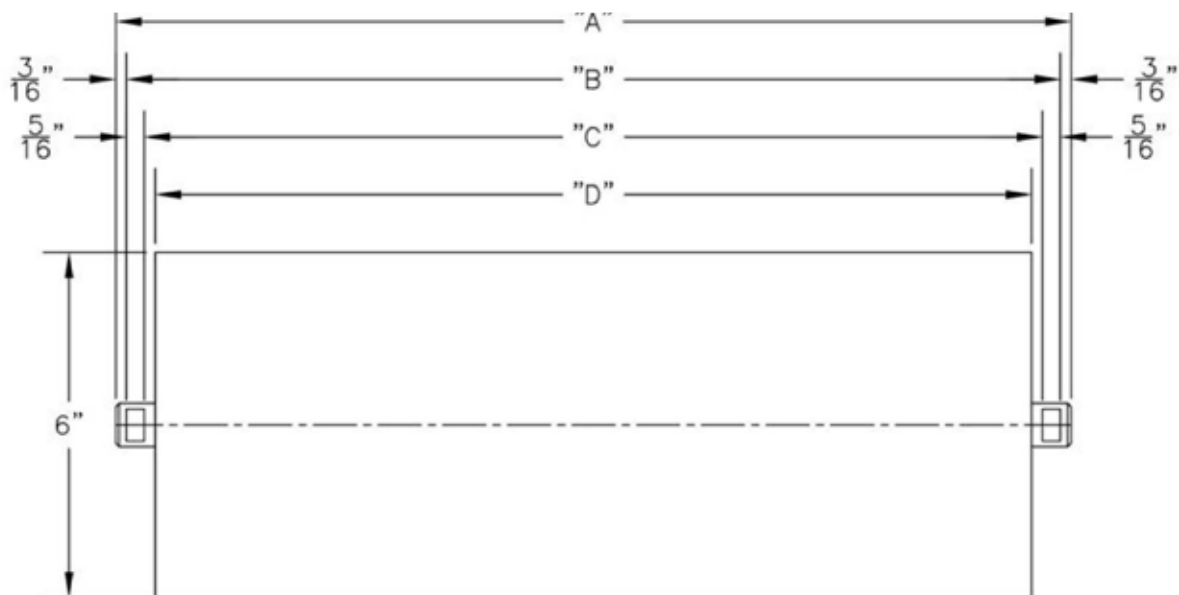
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
18"	333066	30 3/8	30	29 3/8	29	19	-
24"	333070	36 3/8	36	35 3/8	35	27	-
30"	333071	42 3/8	42	41 3/8	41	32	-
36"	333072	48 3/8	48	47 3/8	47	47	-
42"	333546	54 3/8	54	53 3/8	53	52	-
48"	311943	60 3/8	60	59 3/8	59	59	-
54"	333103	66 3/8	66	65 3/8	65	64	-
60"	266251	72 3/8	72	71 3/8	71	69	-

All dimensions are subject to change without notice. Certified prints are available upon request

CEMA C

Replacement Return Rolls

6" Diameter EXALON Roll



Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
18"	333068	30 3/8	30	29 3/8	29	21	-
24"	333098	36 3/8	36	35 3/8	35	30	-
30"	333099	42 3/8	42	41 3/8	41	37	-
36"	333100	48 3/8	48	47 3/8	47	52	-
42"	333101	54 3/8	54	53 3/8	53	58	-
48"	333106	60 3/8	60	59 3/8	59	65	-
54"	266247	66 3/8	66	65 3/8	65	71	-
60"	333107	72 3/8	72	71 3/8	71	77	-

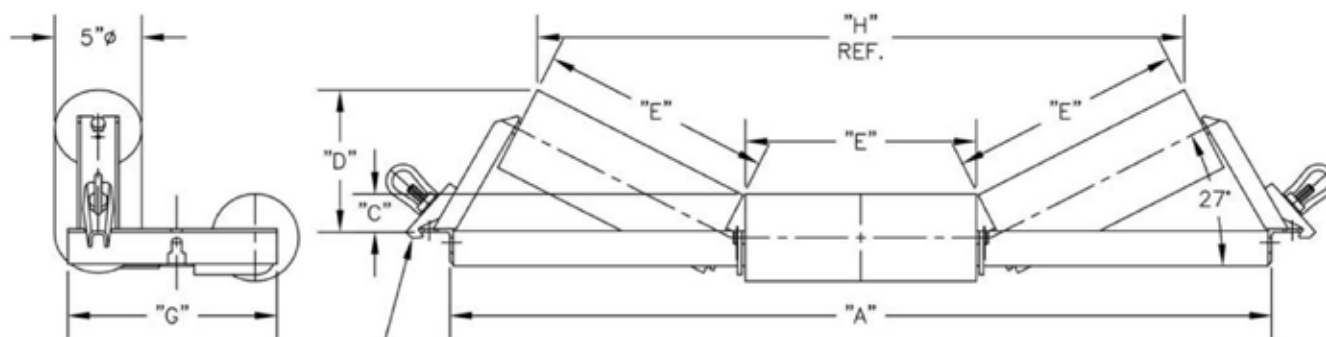
All dimensions are subject to change without notice. Certified prints are available upon request

CEMA D 27°

Offset Carrying Idler Assembly

5" Diameter Steel Roll

Channel Mount



Hardware Kit
Part Number: 342689
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
24"	602174	325335	35 1/8	2 3/16	6 5/16	9 1/4	12	20 3/8	-	-
30"	602175	325338	41 1/8	2 3/16	7 1/4	11 1/4	12	25 15/16	-	-
36"	343362	325339	47 1/8	2 3/16	8 1/8	13 1/4	12	31 1/2	-	-
42"	602823	325780	47 1/8	2 3/16	8 1/8	13 1/4	12	37 1/8	-	-
48"	602824	325781	53 1/8	2 3/16	9 1/16	15 1/4	12	42 11/16	-	-
54"	602825	325782	59 1/8	2 3/16	9 15/16	17 1/4	12	48 1/4	-	-
60"	602826	325783	65 1/8	2 3/16	10 7/8	19 1/4	12	53 13/16	-	-
72"	602827	325784	71 1/8	2 3/16	11 3/4	21 1/4	12	59 3/8	-	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

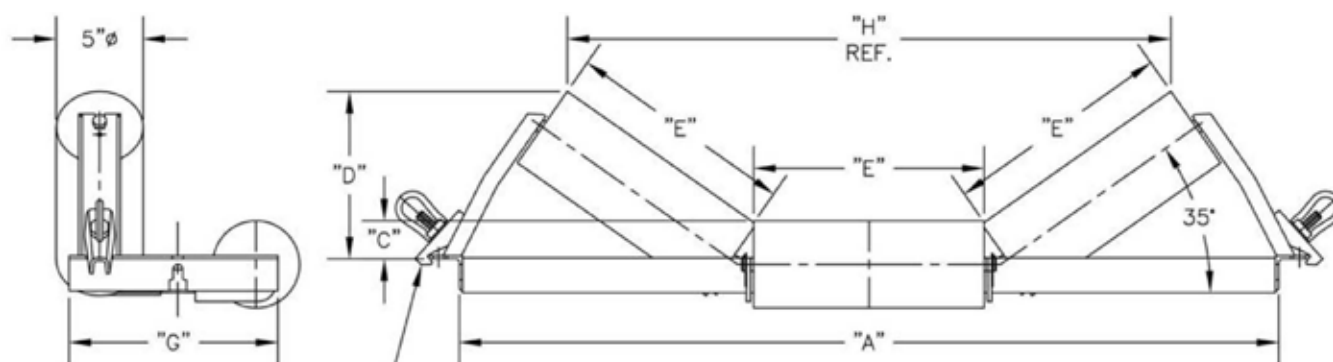
*Note: CEMA D replacement roll pricing and dimensional data begins on page 306.

CEMA D 35°

Offset Carrying Idler Assembly

5" Diameter Steel Roll

Channel Mount



Hardware Kit
Part Number: 342689
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
A	C	D	E	G	H					
24"	602287	325335	29 1/8	2 3/16	6 1/8	7 1/4	12	18 15/16	-	-
30"	602288	325338	35 1/8	2 3/16	7 1/4	9 1/4	12	24 3/16	-	-
36"	343386	325339	41 1/8	2 3/16	8 3/8	11 1/4	12	29 1/2	-	-
42"	375912	325780	47 1/8	2 3/16	9 3/8	13 1/4	12	34 11/16	-	-
48"	366593	325781	53 1/8	2 3/16	10 9/16	15 1/4	12	39 15/16	-	-
54"	375915	325782	59 1/8	2 3/16	11 13/16	17 1/4	12	45 1/8	-	-
60"	375963	325783	65 1/8	2 3/16	12 15/16	19 1/4	12	50 5/8	-	-
72"	357690	325784	71 1/8	2 3/16	14 1/8	21 1/4	12	55 7/8	-	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

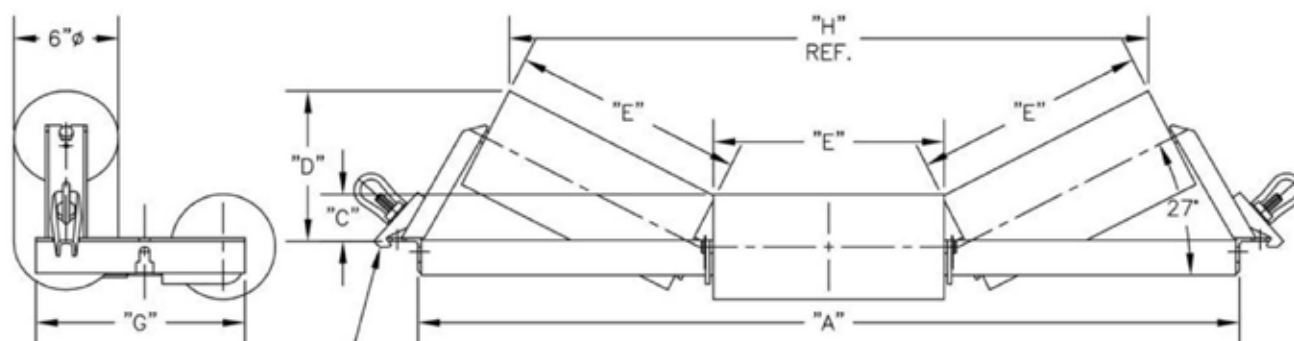
*Note: CEMA D replacement roll pricing and dimensional data begins on page 306.

CEMA D 27°

Offset Carrying Idler Assembly

6" Diameter Steel Roll

Channel Mount



Hardware Kit
Part Number: 342689
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
24"	602179	325365	35 1/8	2 11/16	6 3/4	9 1/4	12	25 1/2	-	-
30"	602180	325366	41 1/8	2 11/16	7 11/16	11 1/4	12	31 1/16	-	-
36"	602254	325367	47 1/8	2 11/16	8 9/16	13 1/4	12	36 5/8	-	-
42"	602828	325812	53 1/8	2 11/16	9 1/2	15 1/4	12	42 3/16	-	-
48"	602829	325813	59 1/8	2 11/16	10 3/8	17 1/4	12	47 3/4	-	-
54"	602830	325814	65 1/8	2 11/16	11 5/16	19 1/4	12	53 5/16	-	-
60"	602831	325815	71 1/8	2 11/16	12 1/4	21 1/4	12	58 7/8	-	-
72"	602832	325816	77 1/8	2 11/16	14 1/16	25 1/4	12	70	-	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

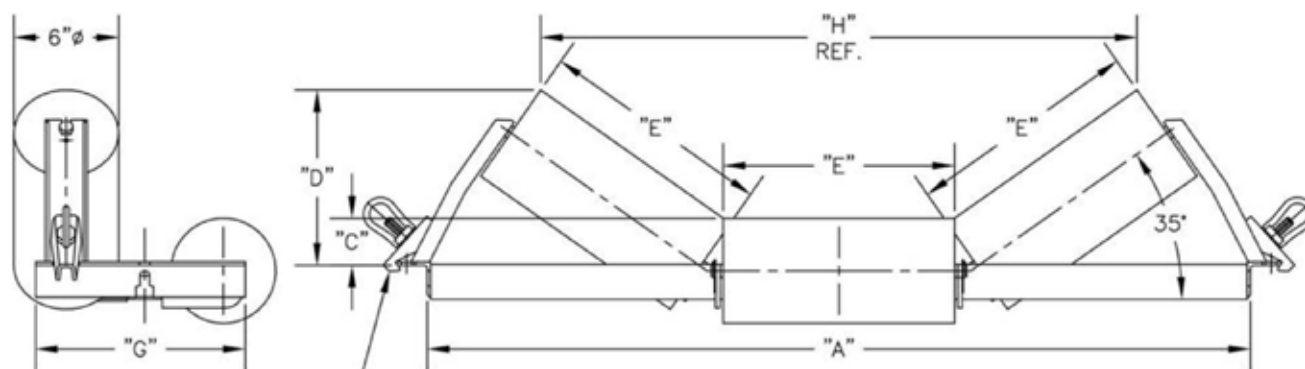
*Note: CEMA D replacement roll pricing and dimensional data begins on page 306.

CEMA D 35°

Offset Carrying Idler Assembly

6" Diameter Steel Roll

Channel Mount



Hardware Kit
Part Number: 342689
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
A	C	D	E	G	H					
24"	602289	325365	35 1/8	2 11/16	7 5/16	9 1/4	12	22 7/8	-	-
30"	602437	325366	41 1/8	2 11/16	8 1/2	11 1/4	12	28 3/16	-	-
36"	375613	325367	47 1/8	2 11/16	9 5/8	13 1/4	12	33 7/16	-	-
42"	375913	325812	53 1/8	2 11/16	10 11/16	15 1/4	12	38 7/16	-	-
48"	375916	325813	59 1/8	2 11/16	11 13/16	17 1/4	12	44 9/16	-	-
54"	326985	325814	65 1/8	2 11/16	13 3/8	19 1/4	12	50 1/16	-	-
60"	375918	325815	71 1/8	2 11/16	14 1/2	21 1/4	12	55 5/16	-	-
72"	357696	325816	77 1/8	2 11/16	16 13/16	25 1/4	12	65 7/8	-	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

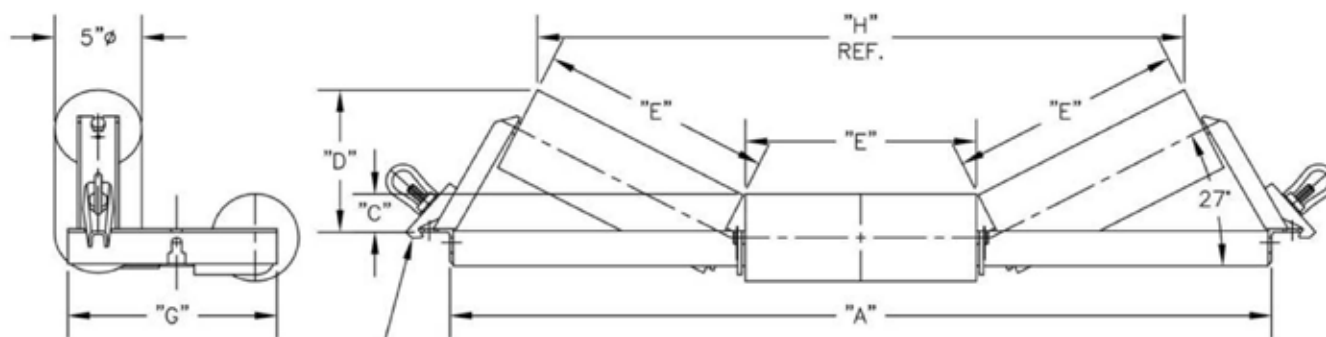
*Note: CEMA D replacement roll pricing and dimensional data begins on page 306.

CEMA D 27°

Offset Carrying Idler Assembly

5" Diameter EXALON Roll

Channel Mount



Hardware Kit
Part Number: 342689
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
24"	602686	333040	35 1/8	2 3/16	5 7/16	9 1/4	12	20 3/8	-	-
30"	602687	333041	41 1/8	2 3/16	6 5/16	11 1/4	12	25 15/16	-	-
36"	602688	333042	47 1/8	2 3/16	7 1/4	13 1/4	12	31 1/2	-	-
42"	602833	333525	53 1/8	2 3/16	8 1/8	15 1/4	12	37 1/8	-	-
48"	602834	333526	59 1/8	2 3/16	9 1/16	17 1/4	12	42 11/16	-	-
54"	602835	333527	65 1/8	2 3/16	9 15/16	19 1/4	12	48 1/4	-	-
60"	602836	333528	71 1/8	2 3/16	10 7/8	21 1/4	12	53 13/16	-	-
72"	602837	333529	77 1/8	2 3/16	11 3/4	25 1/4	12	59 3/8	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

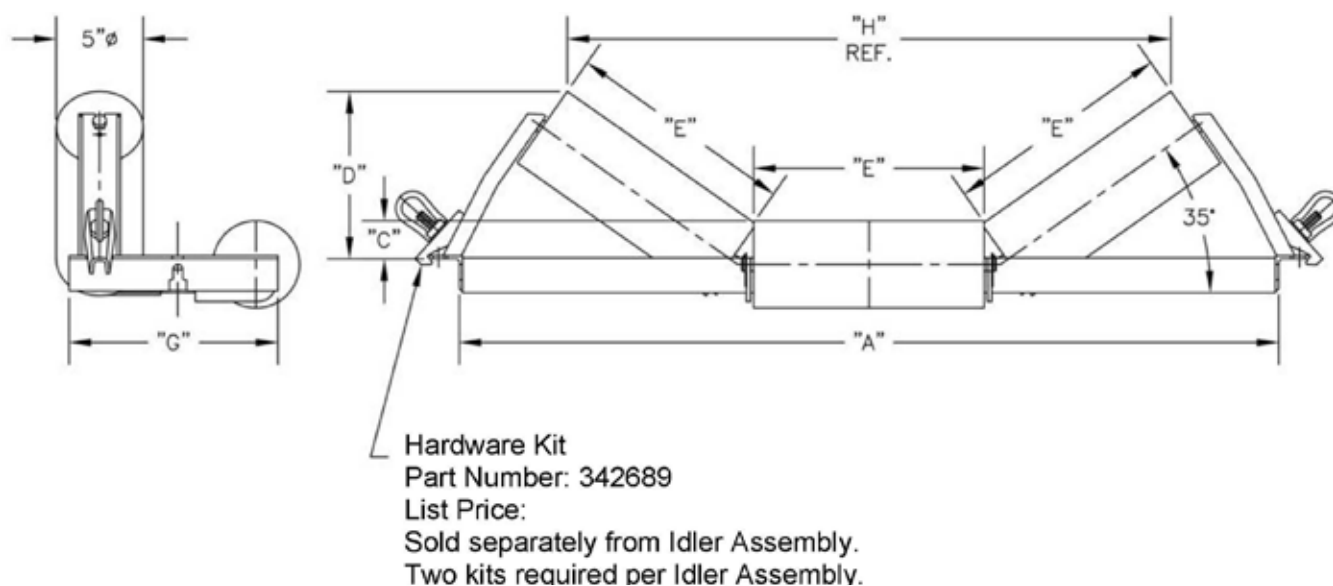
*Note: CEMA D replacement roll pricing and dimensional data begins on page 306.

CEMA D 35°

Offset Carrying Idler Assembly

5" Diameter EXALON Roll

Channel Mount



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
24"	602733	333040	35 1/8	2 3/16	7 1/4	9 1/4	12	18 15/16	-	-
30"	602734	333041	41 1/8	2 3/16	8 3/8	11 1/4	12	24 3/16	-	-
36"	602735	333042	47 1/8	2 3/16	9 3/8	13 1/4	12	29 1/2	-	-
42"	602838	333525	53 1/8	2 3/16	9 3/8	15 1/4	12	34 11/16	-	-
48"	602839	333526	59 1/8	2 3/16	10 9/16	17 1/4	12	39 15/16	-	-
54"	330302	333527	65 1/8	2 3/16	11 13/16	19 1/4	12	45 1/8	-	-
60"	602840	333528	71 1/8	2 3/16	12 15/16	21 1/4	12	50 5/8	-	-
72"	602841	333529	77 1/8	2 3/16	14 1/8	25 1/4	12	55 7/8	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

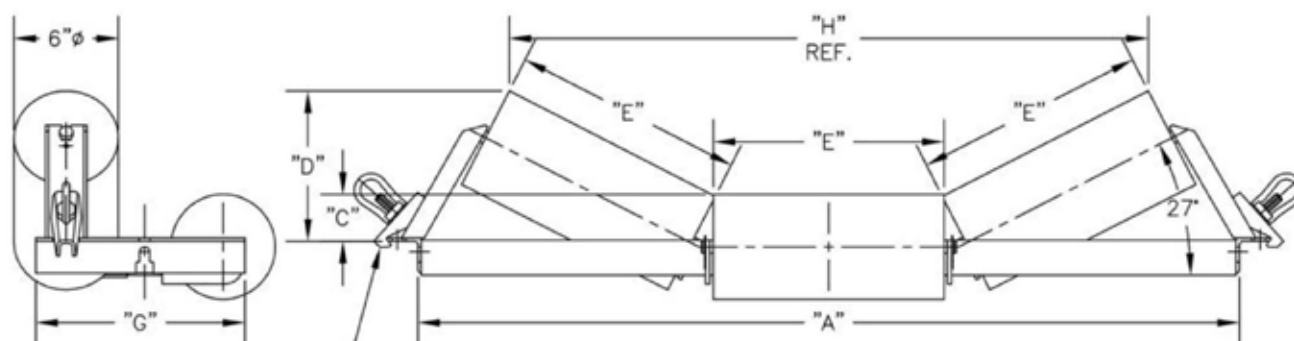
*Note: CEMA D replacement roll pricing and dimensional data begins on page 306.

CEMA D 27°

Offset Carrying Idler Assembly

6" Diameter EXALON Roll

Channel Mount



Hardware Kit
Part Number: 342689
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
24"	602717	333057	35 1/8	2 11/16	6 3/4	9 1/4	12	25 1/2	-	-
30"	602718	333058	41 1/8	2 11/16	7 11/16	11 1/4	12	31 1/16	-	-
36"	602719	333059	47 1/8	2 11/16	8 9/16	13 1/4	12	36 5/8	-	-
42"	602842	333531	53 1/8	2 11/16	9 1/2	15 1/4	12	42 3/16	-	-
48"	602843	333532	59 1/8	2 11/16	10 3/8	17 1/4	12	47 3/4	-	-
54"	602844	333533	65 1/8	2 11/16	11 5/16	19 1/4	12	53 5/16	-	-
60"	602845	311057	71 1/8	2 11/16	12 1/4	21 1/4	12	58 7/8	-	-
72"	602846	333535	77 1/8	2 11/16	14 1/16	25 1/4	12	70	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

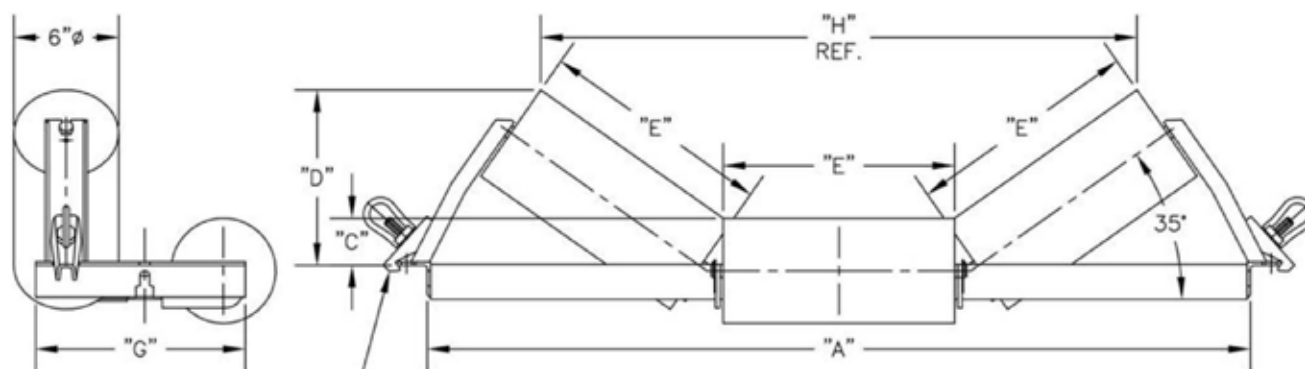
*Note: CEMA D replacement roll pricing and dimensional data begins on page 306.

CEMA D 35°

Offset Carrying Idler Assembly

6" Diameter EXALON Roll

Channel Mount



Hardware Kit
Part Number: 342689
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
24"	602738	333057	35 1/8	2 11/16	7 5/16	9 1/4	12	22 7/8	-	-
30"	602739	333058	41 1/8	2 11/16	8 1/2	11 1/4	12	28 3/16	-	-
36"	602740	333059	47 1/8	2 11/16	9 5/8	13 1/4	12	33 7/16	-	-
42"	602847	333531	53 1/8	2 11/16	10 11/16	15 1/4	12	38 7/16	-	-
48"	351447	333532	59 1/8	2 11/16	11 13/16	17 1/4	12	44 9/16	-	-
54"	325618	333533	65 1/8	2 11/16	13 3/8	19 1/4	12	50 1/16	-	-
60"	331660	311057	71 1/8	2 11/16	14 1/2	21 1/4	12	55 5/16	-	-
72"	602848	333535	77 1/8	2 11/16	16 13/16	25 1/4	12	65 7/8	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

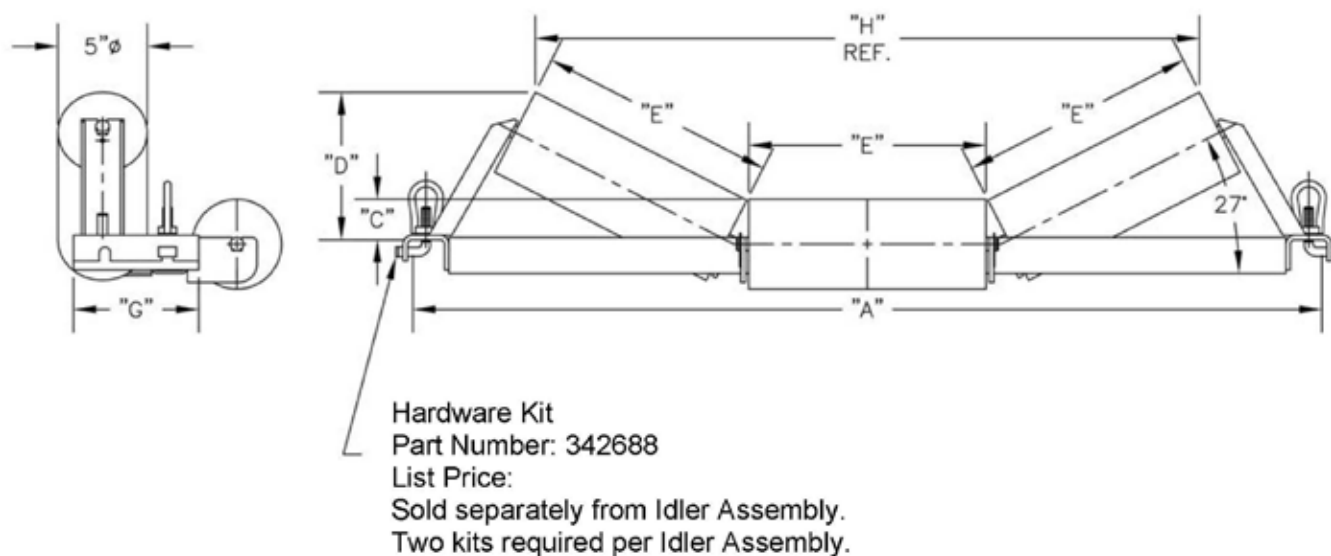
*Note: CEMA D replacement roll pricing and dimensional data begins on page 306.

CEMA D 27°

Offset Carrying Idler Assembly

5" Diameter Steel Roll

Wire-Rope Mount



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
A	C	D	E	G	H					
24"	602749	325335	36	2 1/16	5 7/16	9 1/4	7	20 3/8	-	-
30"	354890	325338	42	2 1/16	6 5/16	11 1/4	7	25 15/16	-	-
36"	340224	325339	48	2 1/16	7 1/4	13 1/4	7	31 1/2	-	-
42"	602849	325780	54	2 1/16	8 1/8	15 1/4	7	37 1/8	-	-
48"	602850	325781	60	2 1/16	9 1/16	17 1/4	7	42 11/16	-	-
54"	602851	325782	66	2 1/16	9 15/16	19 1/4	7	48 1/4	-	-
60"	602852	325783	72	2 1/16	10 7/8	21 1/4	7	53 13/16	-	-
72"	602853	325784	84	2 1/16	11 3/4	25 1/4	7	59 3/8	-	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

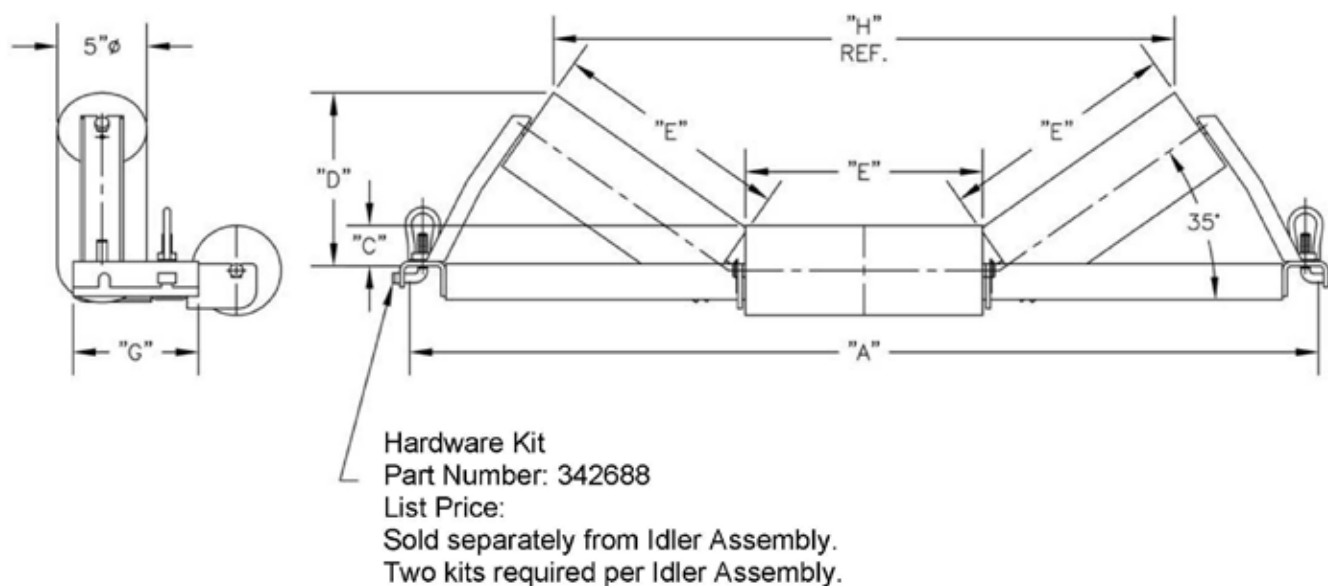
*Note: CEMA D replacement roll pricing and dimensional data begins on page 306.

CEMA D 35°

Offset Carrying Idler Assembly

5" Diameter Steel Roll

Wire-Rope Mount



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
A	C	D	E	G	H					
24"	602765	325335	36	2 1/16	6 1/8	9 1/4	7	18 15/16	-	-
30"	354892	325338	42	2 1/16	7 1/4	11 1/4	7	24 3/16	-	-
36"	340206	325339	48	2 1/16	8 3/8	13 1/4	7	29 1/2	-	-
42"	375964	325780	54	2 1/16	9 3/8	15 1/4	7	34 11/16	-	-
48"	328811	325781	60	2 1/16	10 9/16	17 1/4	7	39 15/16	-	-
54"	376000	325782	66	2 1/16	11 13/16	19 1/4	7	45 1/8	-	-
60"	376002	325783	72	2 1/16	12 15/16	21 1/4	7	50 5/8	-	-
72"	602854	325784	84	2 1/16	14 1/8	25 1/4	7	55 7/8	-	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

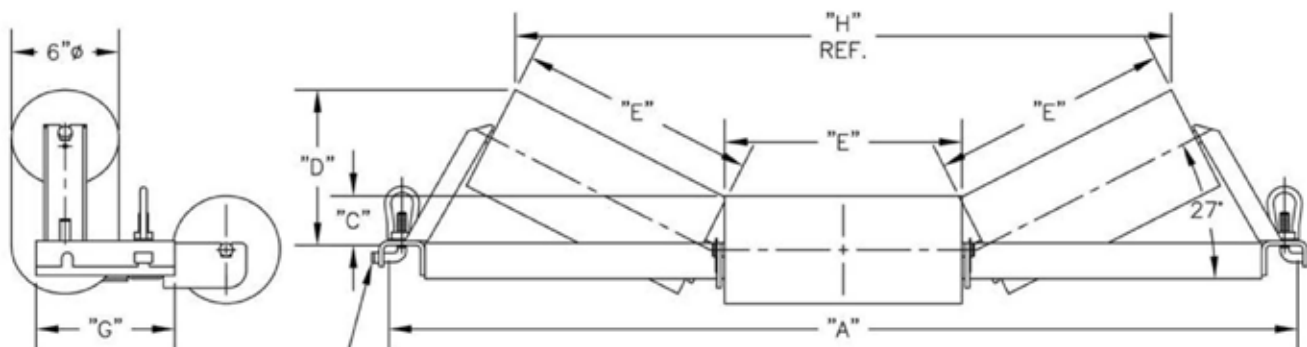
*Note: CEMA D replacement roll pricing and dimensional data begins on page 306.

CEMA D 27°

Offset Carrying Idler Assembly

6" Diameter Steel Roll

Wire-Rope Mount



Hardware Kit
Part Number: 342688
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
A	C	D	E	G	H					
24"	602753	325365	36	2 9/16	6 3/4	9 1/4	8	25 1/2	-	-
30"	602754	325366	42	2 9/16	7 11/16	11 1/4	8	31 1/16	-	-
36"	602755	325367	48	2 9/16	8 9/16	13 1/4	8	36 5/8	-	-
42"	602855	325812	54	2 9/16	9 1/2	15 1/4	8	42 3/16	-	-
48"	602856	325813	60	2 9/16	10 3/8	17 1/4	8	47 3/4	-	-
54"	602857	325814	66	2 9/16	11 5/16	19 1/4	8	53 5/16	-	-
60"	602858	325815	72	2 9/16	12 1/4	21 1/4	8	58 7/8	-	-
72"	602859	325816	84	2 9/16	14 1/16	25 1/4	8	70	-	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

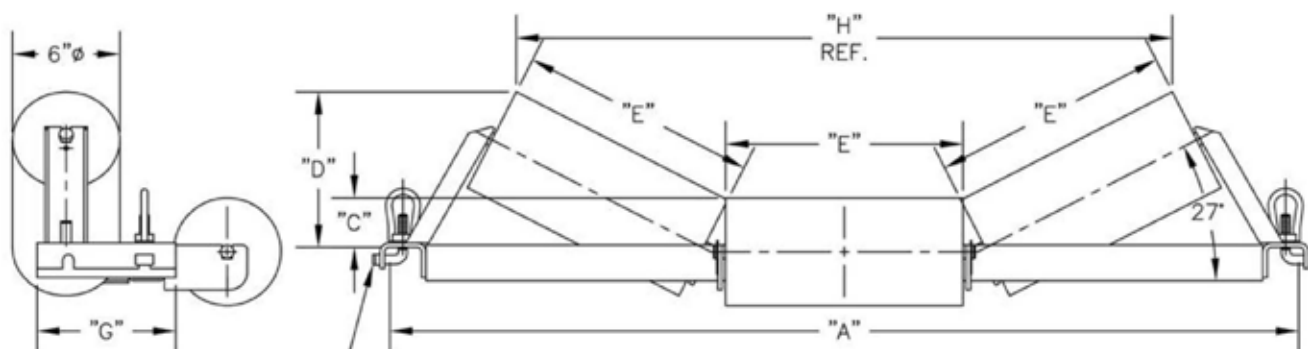
*Note: CEMA D replacement roll pricing and dimensional data begins on page 306.

CEMA D 35°

Offset Carrying Idler Assembly

6" Diameter Steel Roll

Wire-Rope Mount



Hardware Kit
Part Number: 342688
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
A	C	D	E	G	H					
24"	602766	325365	36	2 9/16	7 5/16	9 1/4	8	22 7/8	-	-
30"	602767	325366	42	2 9/16	8 1/26	11 1/4	8	28 3/16	-	-
36"	355926	325367	48	2 9/16	9 5/8	13 1/4	8	33 7/16	-	-
42"	375995	325812	54	2 9/16	10 11/16	15 1/4	8	38 7/16	-	-
48"	375998	325813	60	2 9/16	11 13/16	17 1/4	8	44 9/16	-	-
54"	376001	325814	66	2 9/16	13 3/8	19 1/4	8	50 1/16	-	-
60"	376003	325815	72	2 9/16	14 1/2	21 1/4	8	55 5/16	-	-
72"	602860	325816	84	2 9/16	16 13/16	25 1/4	8	65 7/8	-	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

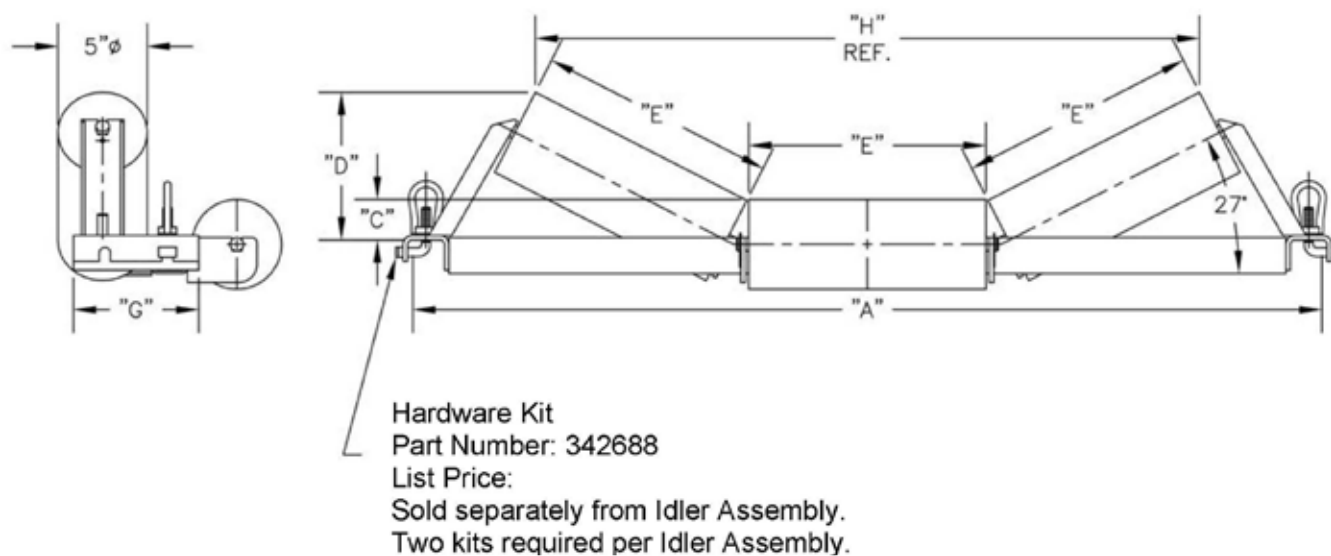
*Note: CEMA D replacement roll pricing and dimensional data begins on page 306.

CEMA D 27°

Offset Carrying Idler Assembly

5" Diameter EXALON Roll

Wire-Rope Mount



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
A	C	D	E	G	H					
24"	602788	333040	36	2 1/16	5 7/16	9 1/4	7	20 3/8	-	P.O.R.
30"	602789	333041	42	2 1/16	6 5/16	11 1/4	7	25 15/16	-	P.O.R.
36"	602790	333042	48	2 1/16	7 1/4	13 1/4	7	31 1/2	-	P.O.R.
42"	602861	333525	54	2 1/16	8 1/8	15 1/4	7	37 1/8	-	P.O.R.
48"	602862	333526	60	2 1/16	9 1/16	17 1/4	7	42 11/16	-	P.O.R.
54"	602863	333527	66	2 1/16	9 15/16	19 1/4	7	48 1/4	-	P.O.R.
60"	602864	333528	72	2 1/16	10 7/8	21 1/4	7	53 13/16	-	P.O.R.
72"	602865	333529	84	2 1/16	11 3/4	25 1/4	7	59 3/8	-	P.O.R.

All dimensions are subject to change without notice. Certified prints are available upon request.

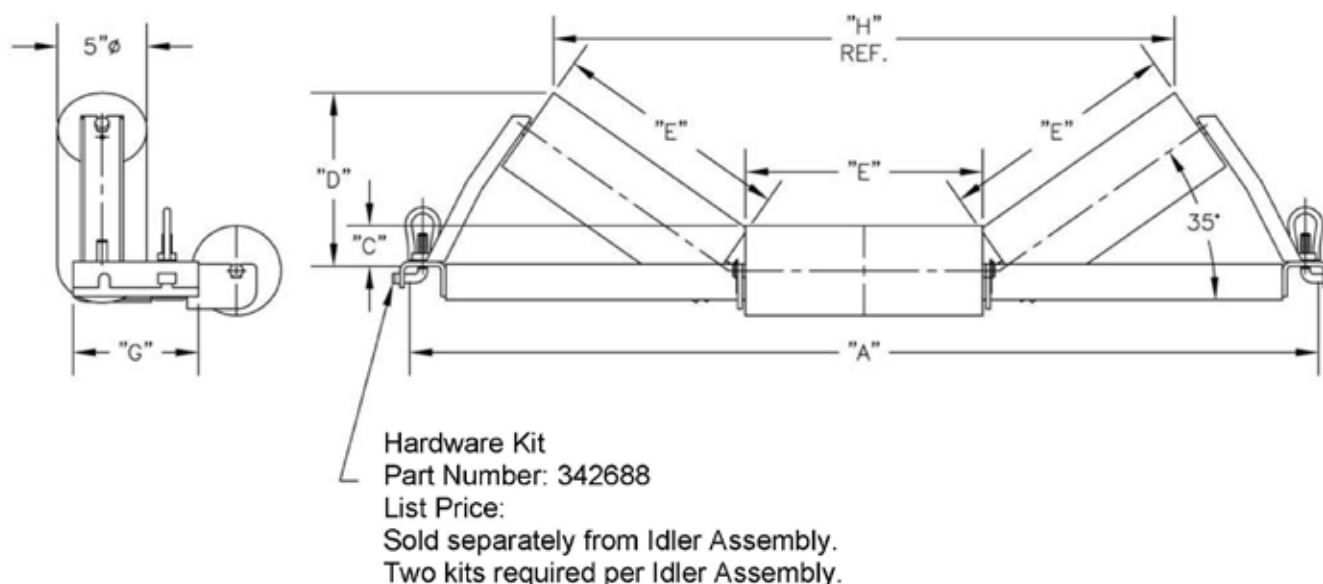
*Note: Replacement roll pricing and dimensional data is located on page 306.

CEMA D 35°

Offset Carrying Idler Assembly

5" Diameter EXALON Roll

Wire-Rope Mount



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
24"	602811	333040	36	2 1/16	6 1/8	9 1/4	7	18 15/16	-	P.O.R.
30"	602812	333041	42	2 1/16	7 1/4	11 1/4	7	24 3/16	-	P.O.R.
36"	602813	333042	48	2 1/16	8 3/8	13 1/4	7	29 1/2	-	P.O.R.
42"	602866	333525	54	2 1/16	9 3/8	15 1/4	7	34 11/16	-	P.O.R.
48"	602867	333526	60	2 1/16	10 9/16	17 1/4	7	39 15/16	-	P.O.R.
54"	392101	333527	66	2 1/16	11 13/16	19 1/4	7	45 1/8	-	P.O.R.
60"	602868	333528	72	2 1/16	12 15/16	21 1/4	7	50 5/8	-	P.O.R.
72"	602869	333529	84	2 1/16	14 1/8	25 1/4	7	55 7/8	-	P.O.R.

All dimensions are subject to change without notice. Certified prints are available upon request.

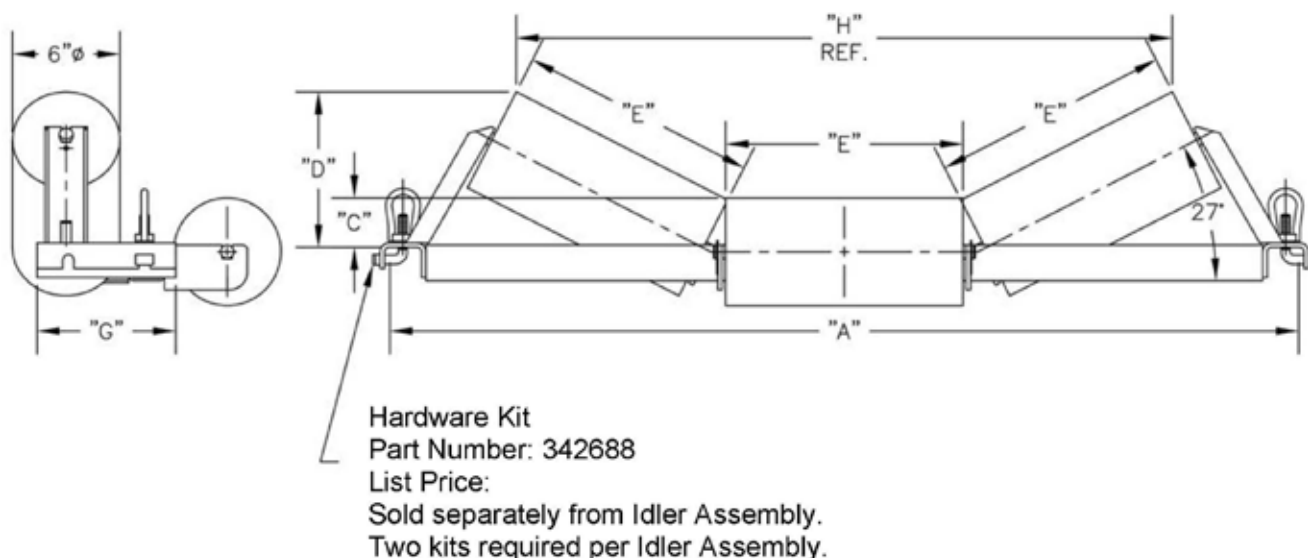
*Note: Replacement roll pricing and dimensional data is located on page 306.

CEMA D 27°

Offset Carrying Idler Assembly

6" Diameter EXALON Roll

Wire-Rope Mount



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
24"	602795	333057	36	2 9/16	6 3/4	9 1/4	8	25 1/2	-	P.O.R.
30"	602796	333058	42	2 9/16	7 11/16	11 1/4	8	31 1/16	-	P.O.R.
36"	602797	333059	48	2 9/16	8 9/16	13 1/4	8	36 5/8	-	P.O.R.
42"	602870	333531	54	2 9/16	9 1/2	15 1/4	8	42 3/16	-	P.O.R.
48"	602871	333532	60	2 9/16	10 3/8	17 1/4	8	47 3/4	-	P.O.R.
54"	602872	333533	66	2 9/16	11 5/16	19 1/4	8	53 5/16	-	P.O.R.
60"	602873	311057	72	2 9/16	12 1/4	21 1/4	8	58 7/8	-	P.O.R.
72"	602874	333535	84	2 9/16	14 1/16	25 1/4	8	70	-	P.O.R.

All dimensions are subject to change without notice. Certified prints are available upon request.

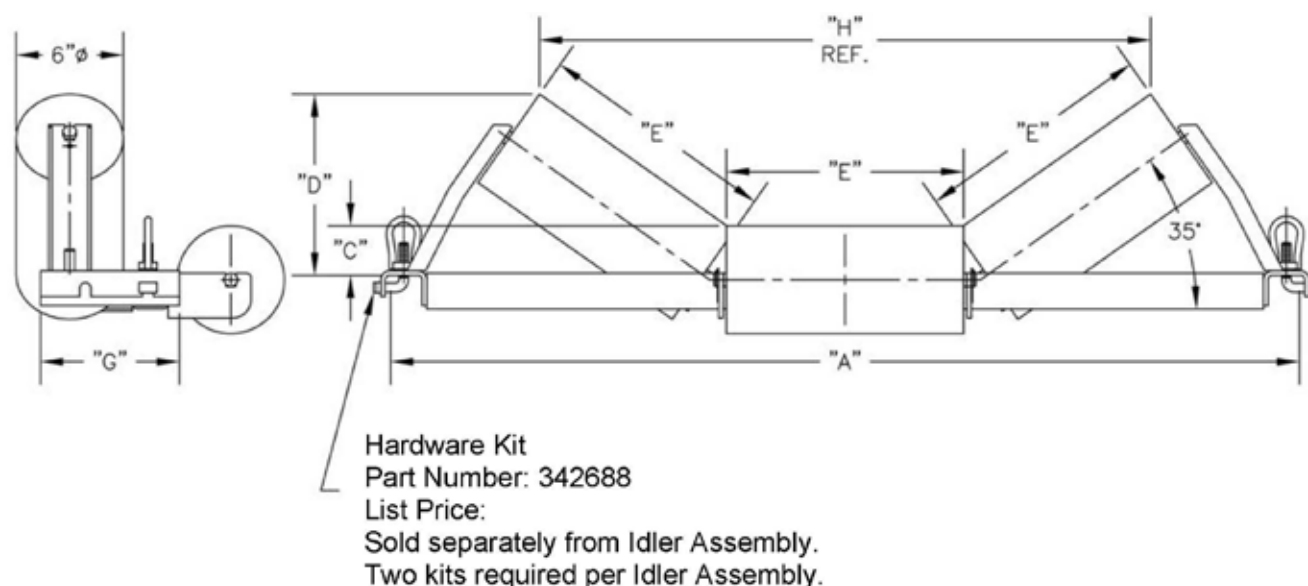
*Note: Replacement roll pricing and dimensional data is located on page 306.

CEMA D 35°

Offset Carrying Idler Assembly

6" Diameter EXALON Roll

Wire-Rope Mount



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
24"	602816	333057	36	2 9/16	7 5/16	9 1/4	8	22 7/8	-	P.O.R.
30"	602817	333058	42	2 9/16	8 1/2	11 1/4	8	28 3/16	-	P.O.R.
36"	602818	333059	48	2 9/16	9 5/8	13 1/4	8	33 7/16	-	P.O.R.
42"	602875	333531	54	2 9/16	10 11/16	15 1/4	8	38 7/16	-	P.O.R.
48"	602876	333532	60	2 9/16	11 13/16	17 1/4	8	44 9/16	-	-
54"	602877	333533	66	2 9/16	13 3/8	19 1/4	8	50 1/16	-	-
60"	602878	311057	72	2 9/16	14 1/2	21 1/4	8	55 5/16	-	-
72"	602879	333535	84	2 9/16	16 13/16	25 1/4	8	65 7/8	-	P.O.R.

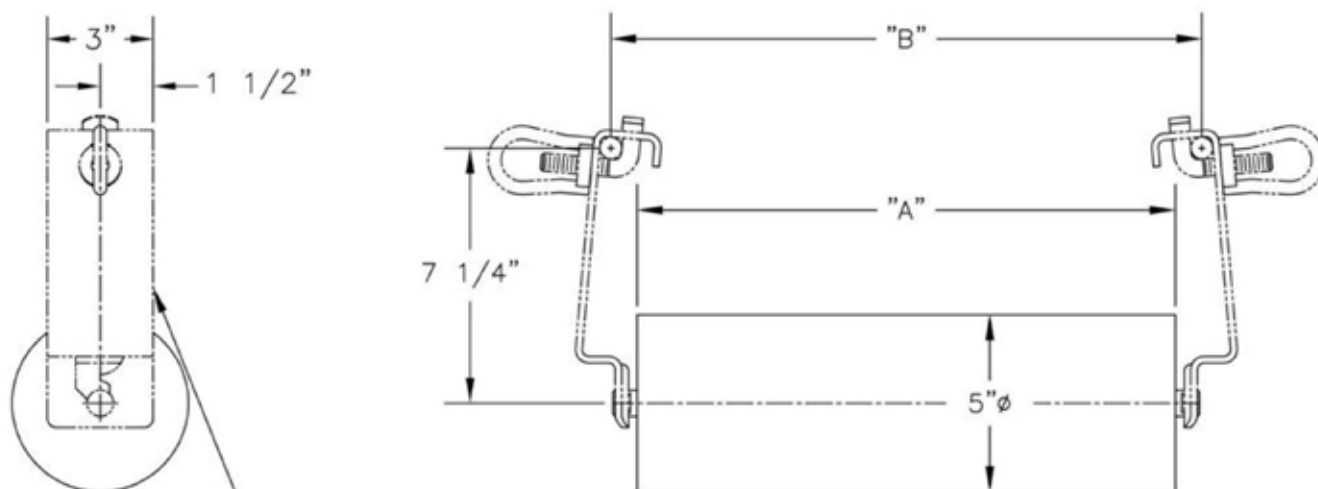
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: Replacement roll pricing and dimensional data is located on page 306.

CEMA D

Return Idler Assembly

5" Diameter Steel Roll



Drop brackets sold separately from return roll.
Wire-Rope style drop brackets shown.
Additional style drop brackets begin on page 300.

Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
24"	602260	35	36	-	-
30"	366463	41	42	43	-
36"	325785	47	48	49	-
42"	325786	53	54	54	-
48"	325787	59	60	58	-
54"	325788	65	76	67	-
60"	325789	71	72	73	-
72"	325791	83	84	84	-

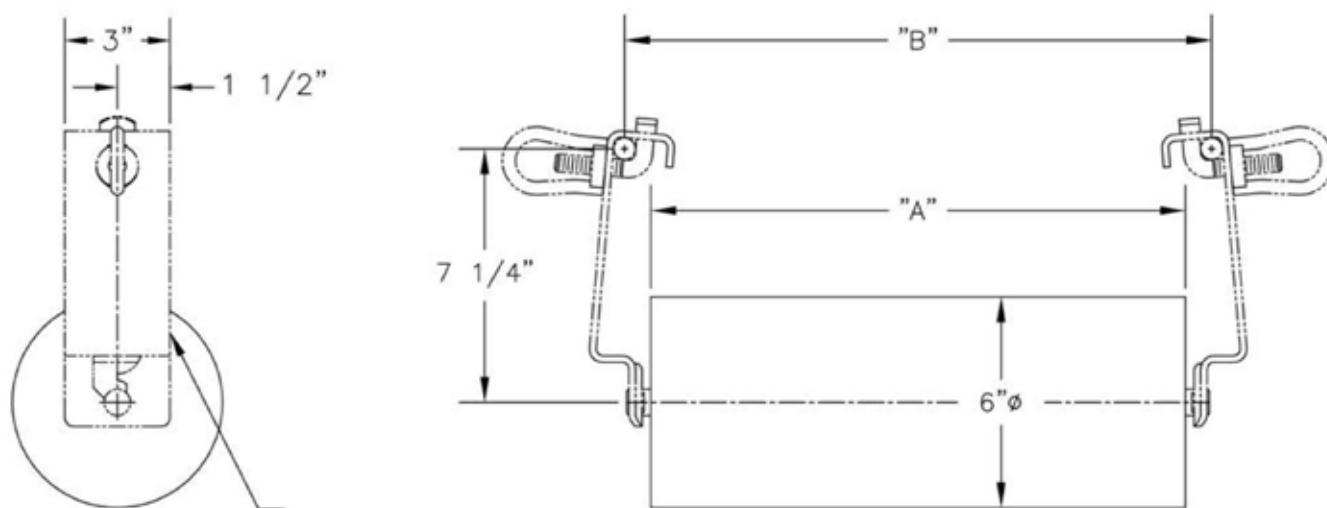
All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 306.

CEMA D

Return Idler Assembly

6" Diameter Steel Roll



Drop brackets sold separately from return roll.
Wire-Rope style drop brackets shown.
Additional style drop brackets begin on page 300.

Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
24"	602262	35	36	-	-
30"	602263	41	42	-	-
36"	325817	47	48	57	-
42"	325818	53	54	64	-
48"	325819	59	60	71	-
54"	325820	65	76	78	-
60"	325822	71	72	85	-
72"	325824	83	84	99	-

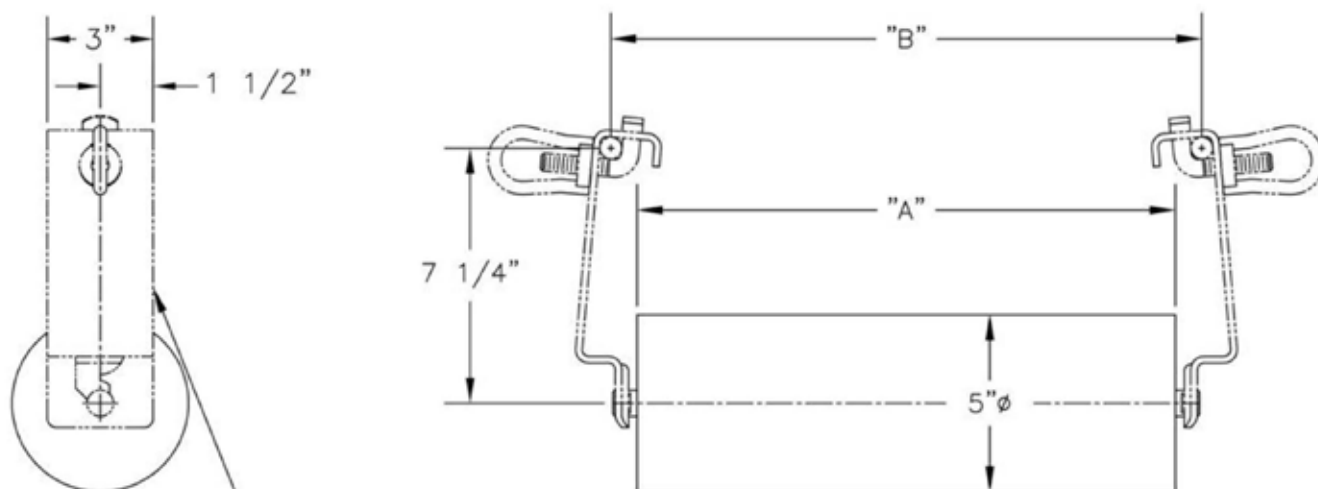
All Cat CEMA C Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 306.

CEMA D

Return Idler Assembly

5" Diameter EXALON Roll



Drop brackets sold separately from return roll.
Wire-Rope style drop brackets shown.
Additional style drop brackets begin on page 300.

Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
24"	-	35	36	-	P.O.R.
30"	-	41	42	-	P.O.R.
36"	333545	47	48	46	-
42"	313911	53	54	53	-
48"	333551	59	60	59	-
54"	333552	65	76	65	-
60"	333553	71	72	71	-
72"	333554	83	84	82	-

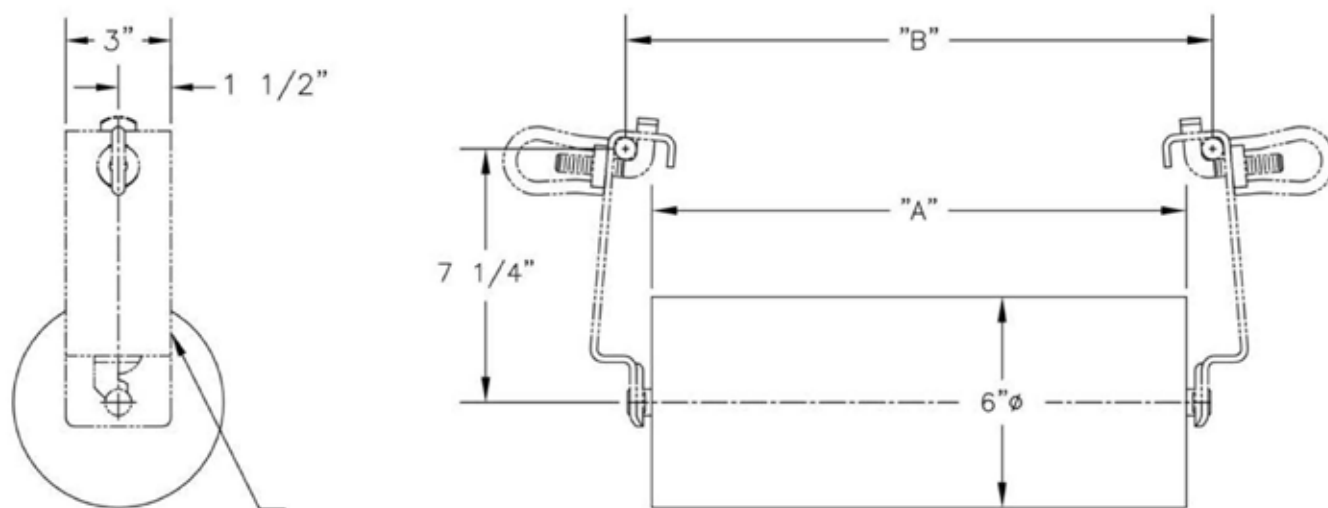
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 306.

CEMA D

Return Idler Assembly

6" Diameter EXALON Roll



Drop brackets sold separately from return roll.
Wire-Rope style drop brackets shown.
Additional style drop brackets begin on page 300.

Belt Width	Roll* P/N	Dimensions (inches)		Weight (lbs)	List Price
A	B				
24"	-	35	36	-	P.O.R.
30"	-	41	42	-	P.O.R.
36"	-	47	48	-	P.O.R.
42"	333549	53	54	64	-
48"	333555	59	60	71	-
54"	333556	65	76	78	-
60"	310903	71	72	85	-
72"	333558	83	84	99	-

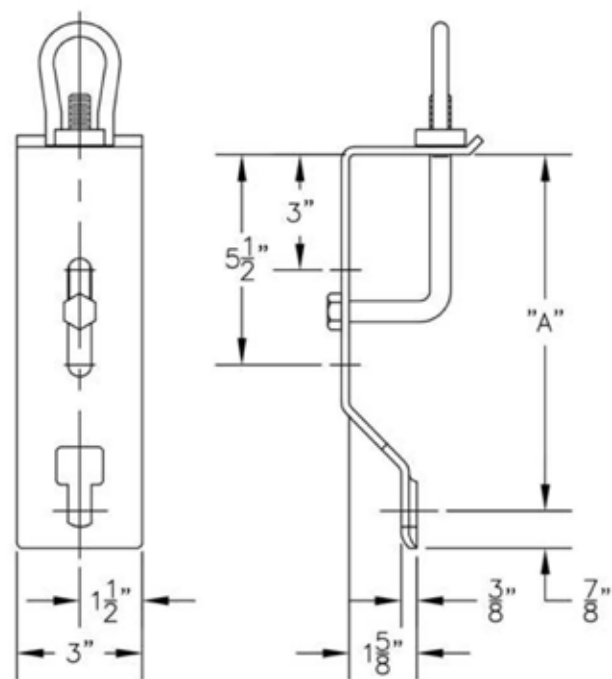
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA C replacement roll pricing and dimensional data begins on page 306.

CEMA D

Drop Brackets

3" Channel



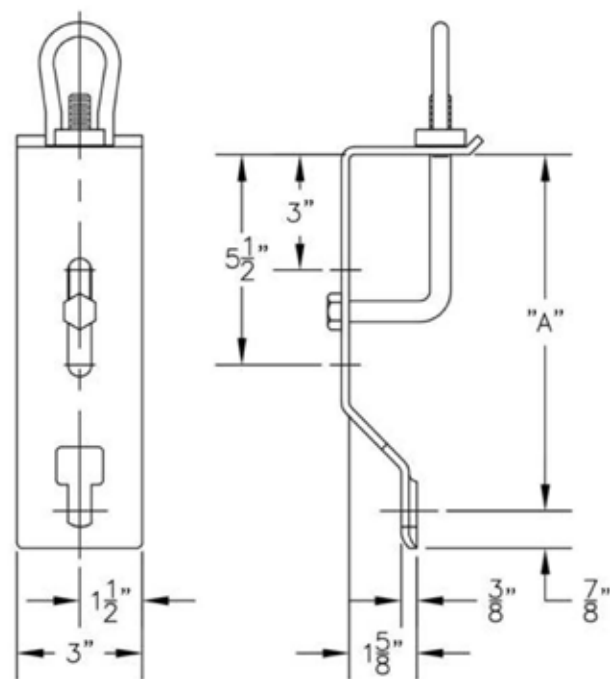
Drop Length	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
9"	338431	9	-	-
12"	338433	12	-	-
15"	338435	15	-	-

All dimensions are subject to change without notice. Certified prints are available upon request

CEMA D

Drop Brackets

4" Channel



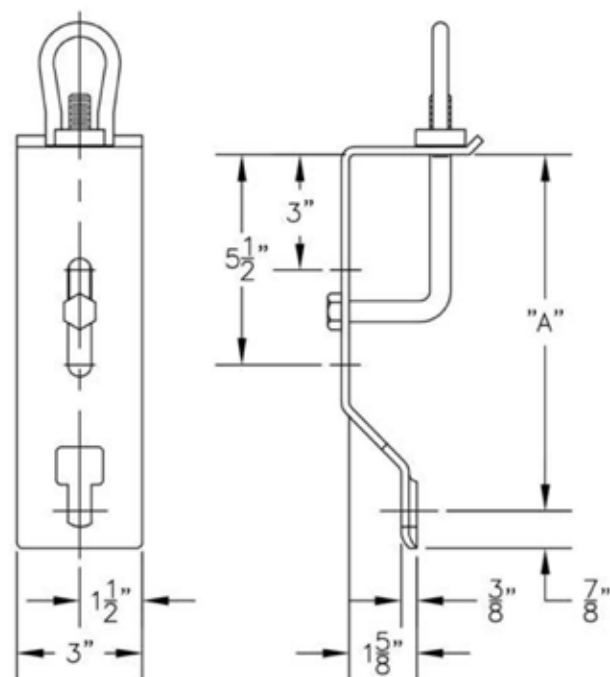
Drop Length	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
9"	338426	9	-	-
12"	338428	12	-	-
15"	338430	15	-	-

All dimensions are subject to change without notice. Certified prints are available upon request

CEMA D

Drop Brackets

5" Channel



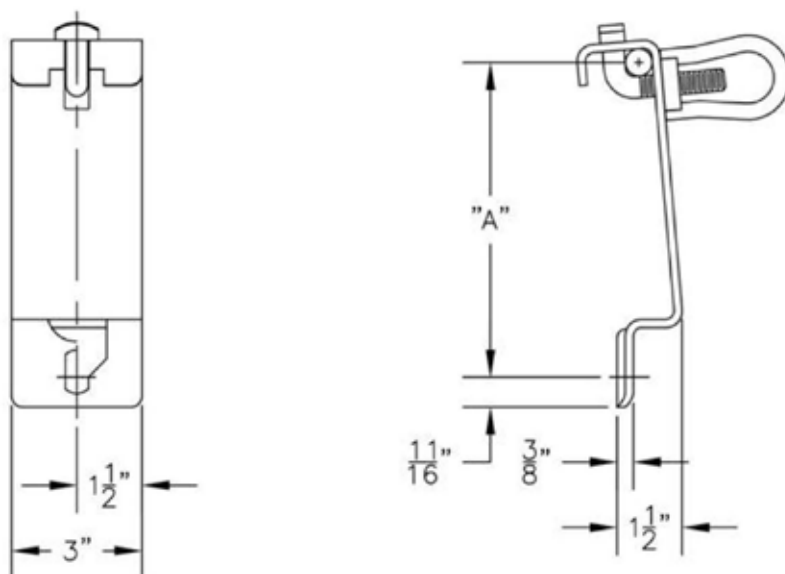
Drop Length	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
9"	338437	9	-	-
12"	338439	12	-	-
15"	288558	15	-	-

All dimensions are subject to change without notice. Certified prints are available upon request

CEMA D

Drop Brackets

Wire-Rope



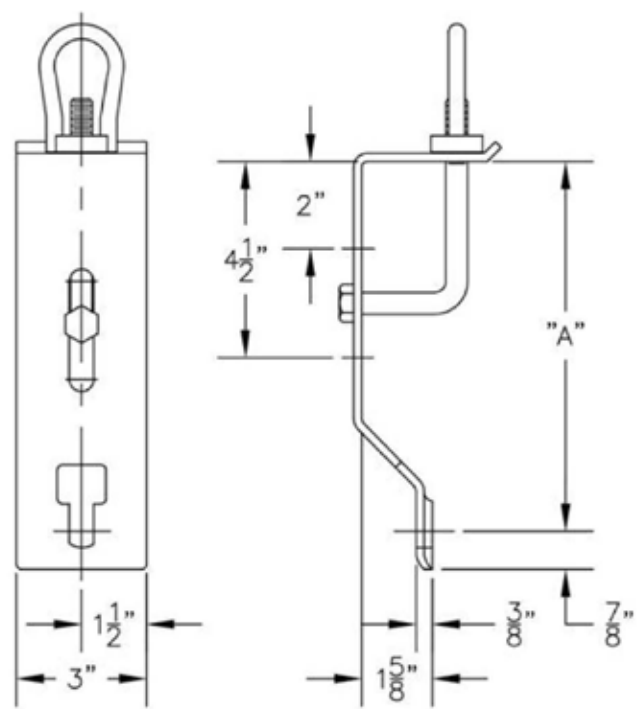
Drop Length	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
5 3/4"	391355	5 3/4	-	-
7 1/4"	391356	7 1/4	-	-
9"	391357	9	-	-
11 1/4"	391358	11 1/4	-	-

All dimensions are subject to change without notice. Certified prints are available upon request

CEMA D

Drop Brackets

2" x 2" Tubing



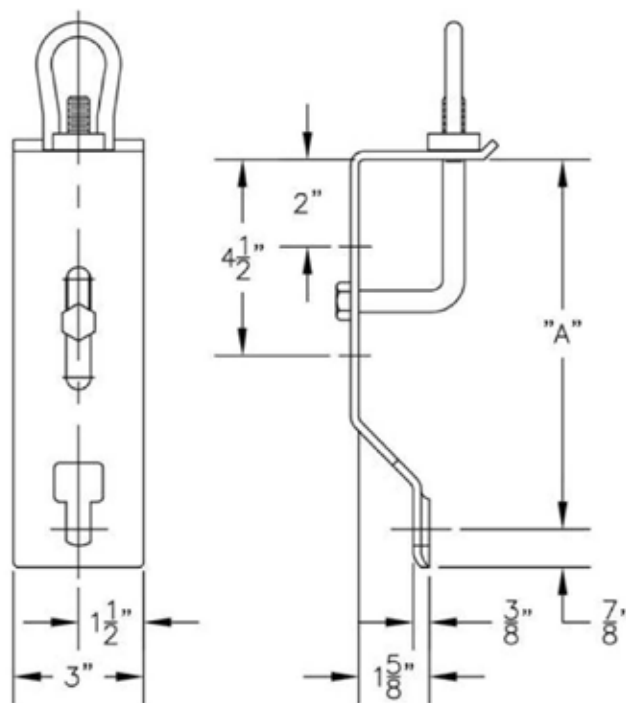
Drop Length	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
9"	324744	9	-	-
12"	347071	12	-	-
14"	352874	14	-	-
18"	352876	18	-	-

All dimensions are subject to change without notice. Certified prints are available upon request

CEMA D

Drop Brackets

2" x 3" Tubing



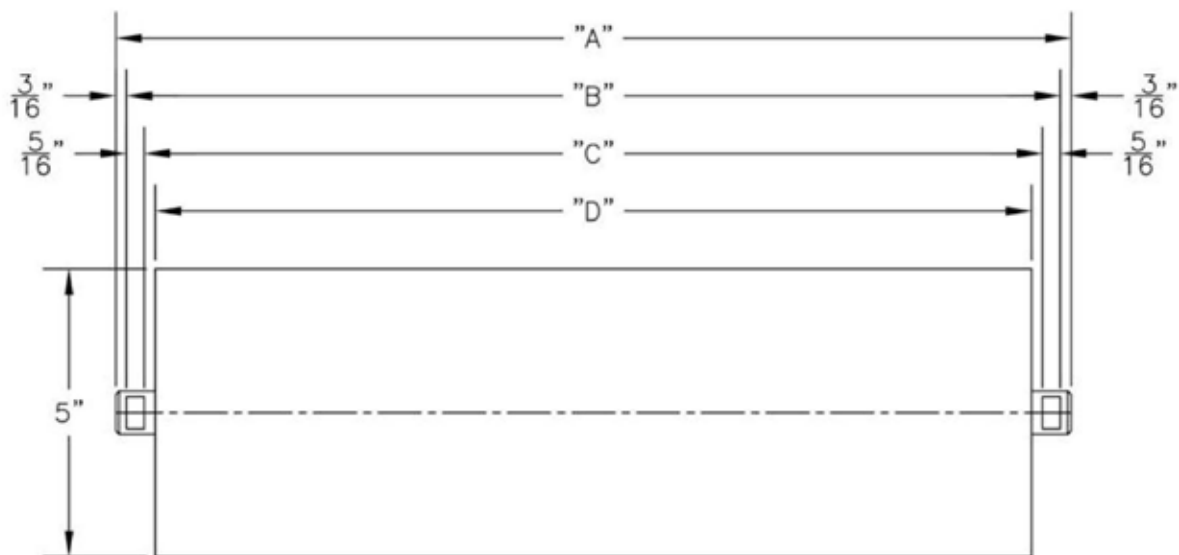
Drop Length	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
9"	347070	9	-	-
12"	347072	12	-	-
14"	352875	14	-	-
18"	352877	18	-	-

All dimensions are subject to change without notice. Certified prints are available upon request

CEMA D

Replacement Carrying Rolls

5" Diameter Steel Roll



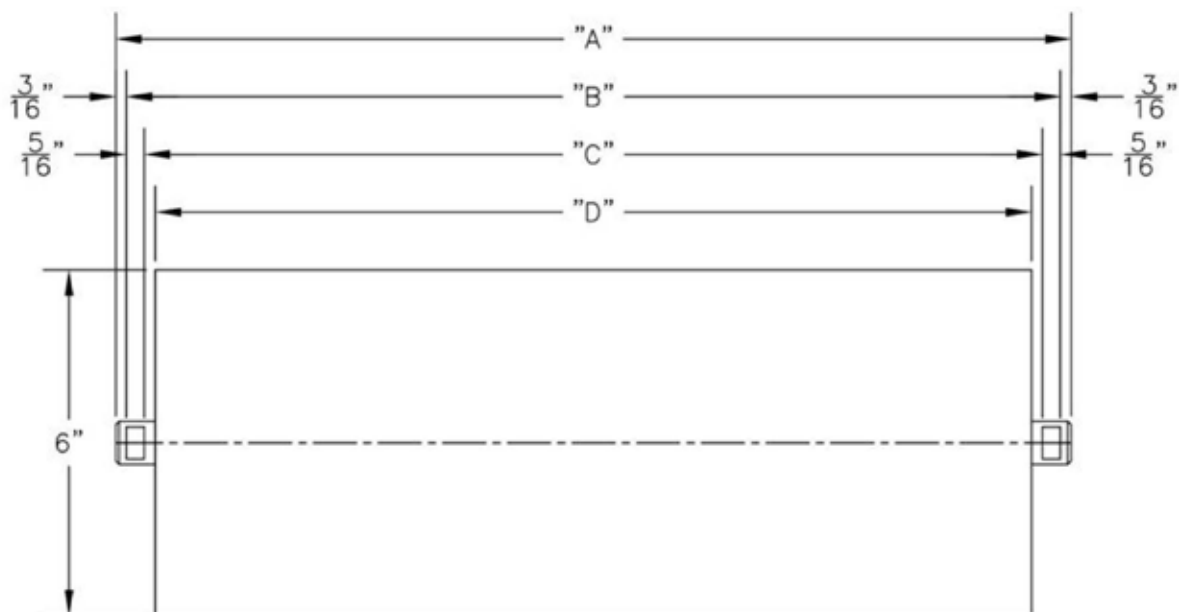
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
24"	325335	10 5/8	10 1/4	9 5/8	9 1/4	-	-
30"	325338	12 5/8	12 1/4	11 5/8	11 1/4	-	-
36"	325339	14 5/8	14 1/4	13 5/8	13 1/4	-	-
42"	325780	16 5/8	16 1/4	15 5/8	15 1/4	18	-
48"	325781	18 5/8	18 1/4	17 5/8	17 1/4	19	-
54"	325782	20 5/8	20 1/4	19 5/8	19 1/4	21	-
60"	325793	22 5/8	22 1/4	21 5/8	21 1/4	23	-
72"	325784	26 5/8	26 1/4	25 5/8	25 1/4	27	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request.
All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA D

Replacement Carrying Rolls

6" Diameter Steel Roll



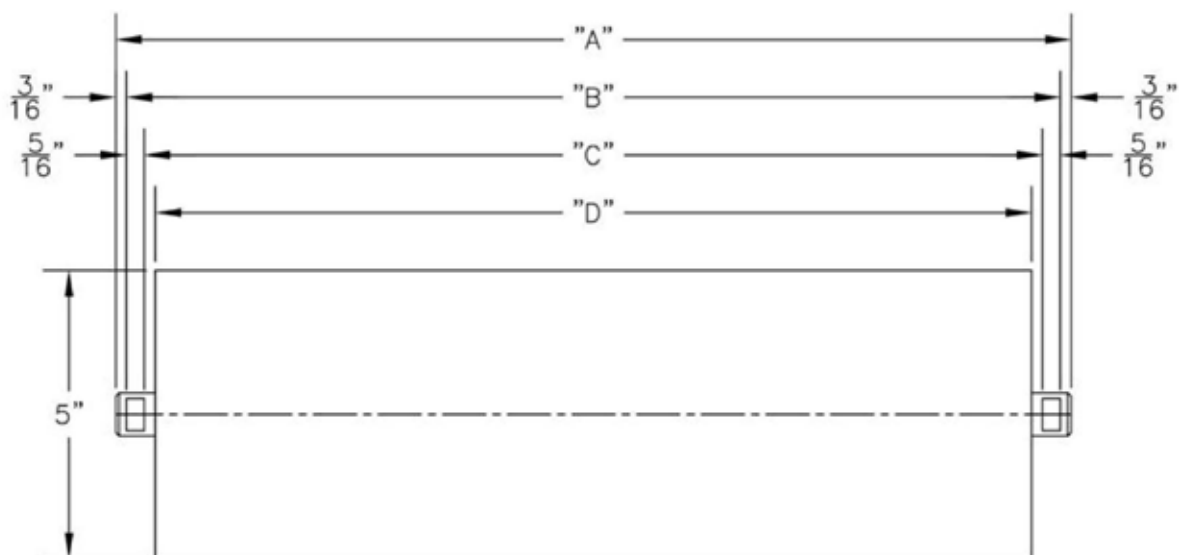
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
24"	325365	10 5/8	10 1/4	9 5/8	9 1/4	-	-
30"	325366	12 5/8	12 1/4	11 5/8	11 1/4	-	-
36"	325367	14 5/8	14 1/4	13 5/8	13 1/4	-	-
42"	325812	16 5/8	16 1/4	15 5/8	15 1/4	21	-
48"	325813	18 5/8	18 1/4	17 5/8	17 1/4	23	-
54"	325814	20 5/8	20 1/4	19 5/8	19 1/4	25	-
60"	325515	22 5/8	22 1/4	21 5/8	21 1/4	27	-
72"	325816	26 5/8	26 1/4	25 5/8	25 1/4	32	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA D

Replacement Carrying Rolls

5" Diameter EXALON Roll



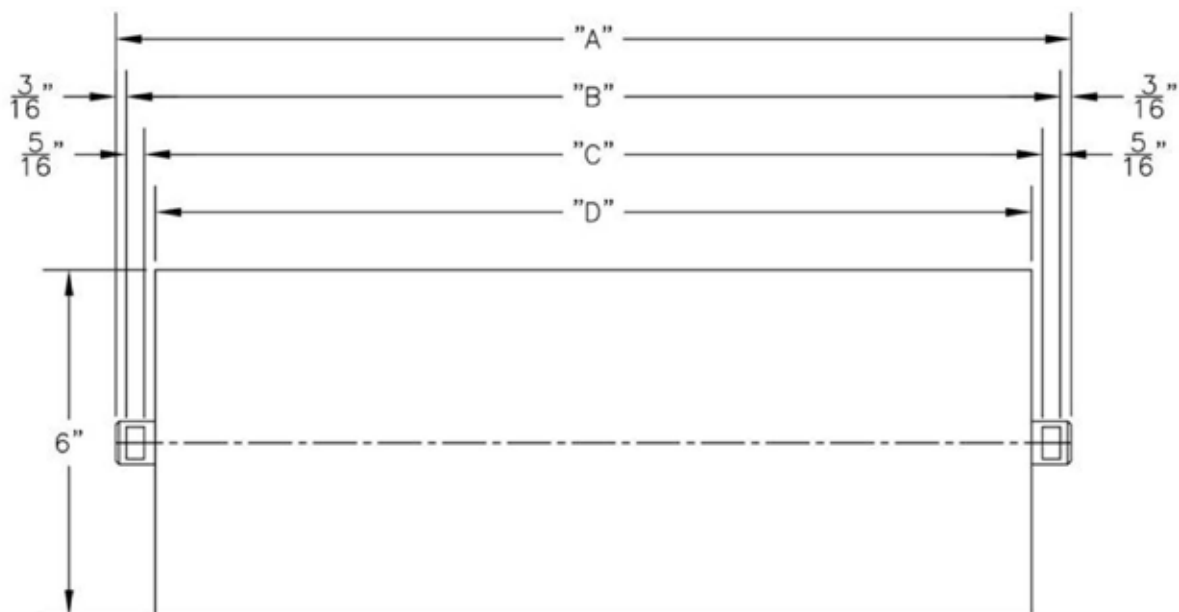
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
24"	333040	10 5/8	10 1/4	9 5/8	9 1/4	10	-
30"	333041	12 5/8	12 1/4	11 5/8	11 1/4	12	-
36"	333042	14 5/8	14 1/4	13 5/8	13 1/4	14	-
42"	333525	16 5/8	16 1/4	15 5/8	15 1/4	18	-
48"	333526	18 5/8	18 1/4	17 5/8	17 1/4	19	-
54"	333527	20 5/8	20 1/4	19 5/8	19 1/4	21	-
60"	333528	22 5/8	22 1/4	21 5/8	21 1/4	23	-
72"	333529	26 5/8	26 1/4	25 5/8	25 1/4	27	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA D

Replacement Carrying Rolls

6" Diameter EXALON Roll



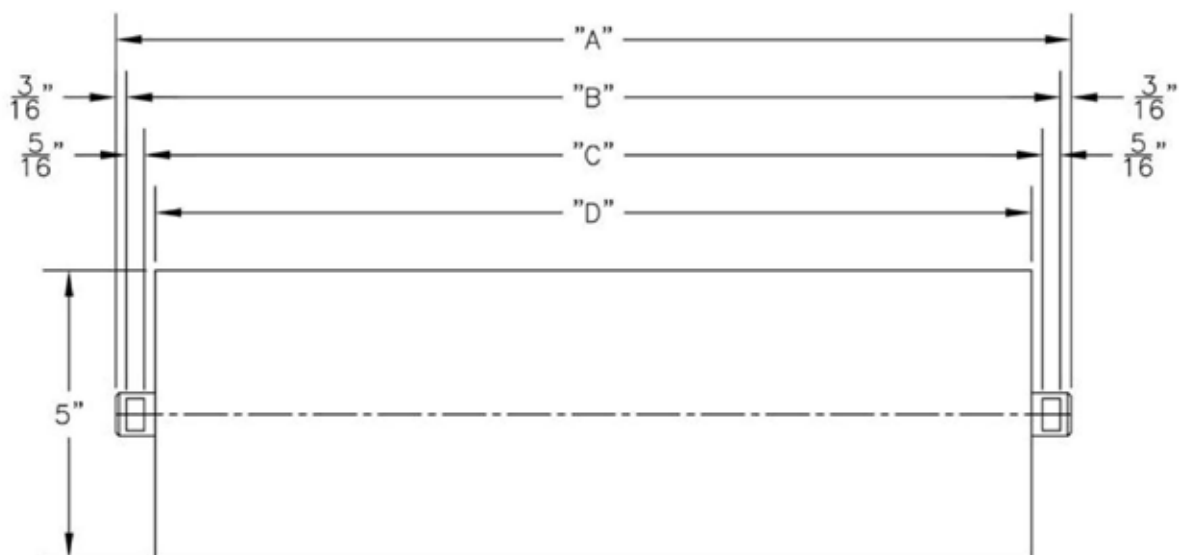
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
24"	333057	10 5/8	10 1/4	9 5/8	9 1/4	12	-
30"	333058	12 5/8	12 1/4	11 5/8	11 1/4	14	-
36"	333059	14 5/8	14 1/4	13 5/8	13 1/4	16	-
42"	333531	16 5/8	16 1/4	15 5/8	15 1/4	21	-
48"	333532	18 5/8	18 1/4	17 5/8	17 1/4	23	-
54"	333533	20 5/8	20 1/4	19 5/8	19 1/4	25	-
60"	311057	22 5/8	22 1/4	21 5/8	21 1/4	27	-
72"	333535	26 5/8	26 1/4	25 5/8	25 1/4	32	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA D

Replacement Return Rolls

5" Diameter Steel Roll



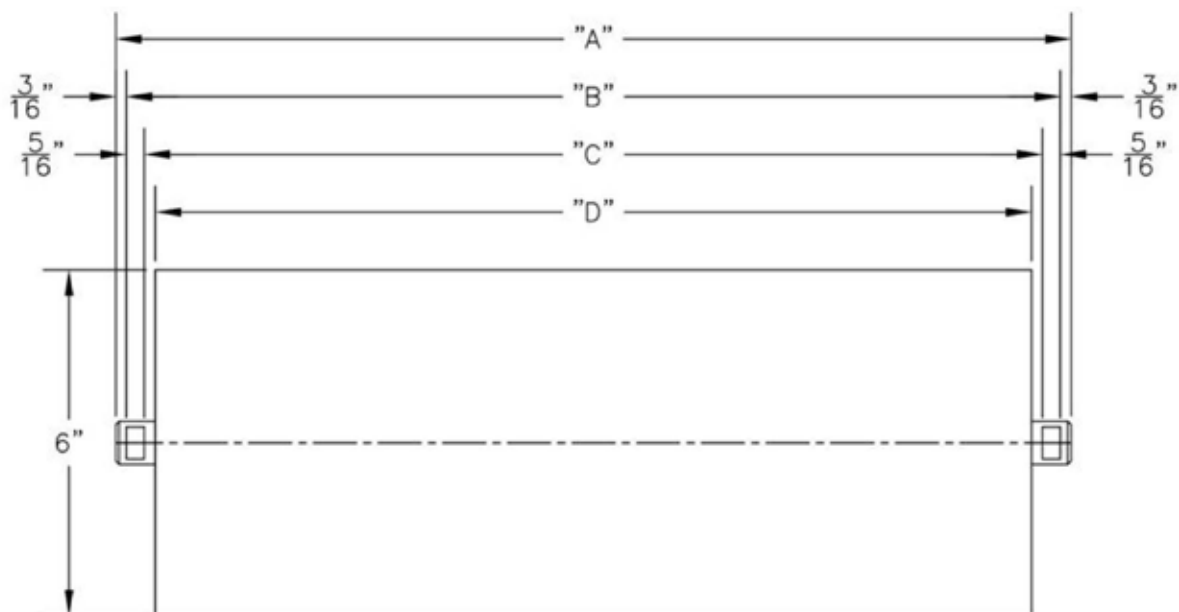
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
24"	602260	36 3/8	36	35 3/8	35	-	-
30"	366463	42 3/8	42	41 3/8	41	43	-
36"	325785	48 3/8	48	47 3/8	47	49	-
42"	325786	54 3/8	54	53 3/8	53	54	-
48"	325787	60 3/8	60	59 3/8	59	58	-
54"	325788	66 3/8	66	65 3/8	65	67	-
60"	325789	72 3/8	72	71 3/8	71	73	-
72"	325791	84 3/8	84	83 3/8	83	84	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA D

Replacement Return Rolls

6" Diameter Steel Roll



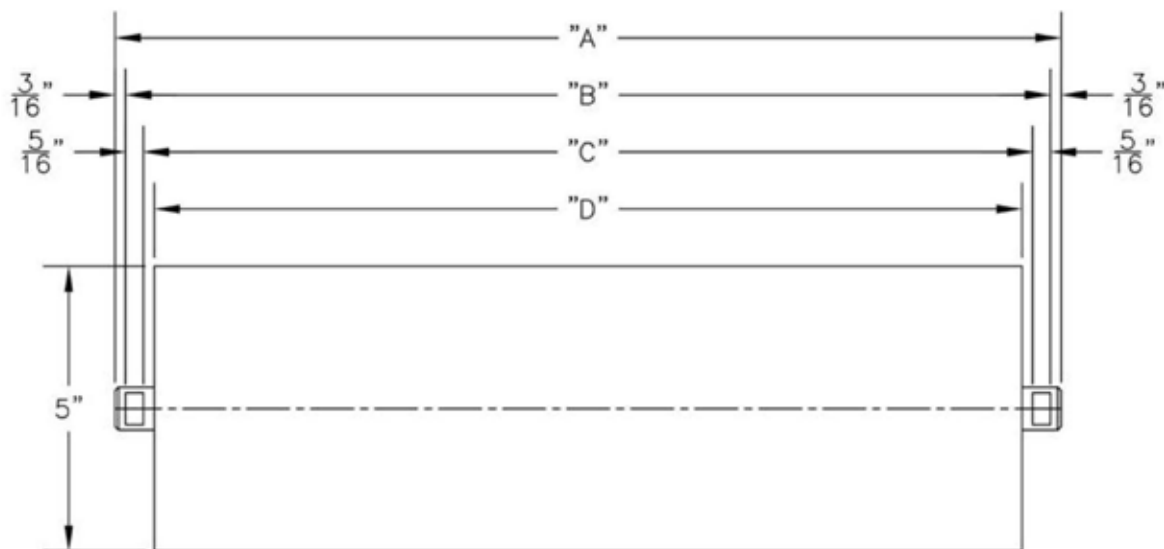
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
24"	602262	36 3/8	36	35 3/8	35	43	-
30"	602263	42 3/8	42	41 3/8	41	50	-
36"	325817	48 3/8	48	47 3/8	47	57	-
42"	325818	54 3/8	54	53 3/8	53	64	-
48"	325819	60 3/8	60	59 3/8	59	71	-
54"	325820	66 3/8	66	65 3/8	65	78	-
60"	325822	72 3/8	72	71 3/8	71	85	-
72"	325824	84 3/8	84	83 3/8	83	99	-

All Cat CEMA D Steel Rolls are manufactured with a 7 gauge shell, optional 1/4" shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA D

Replacement Return Rolls

5" Diameter EXALON Roll



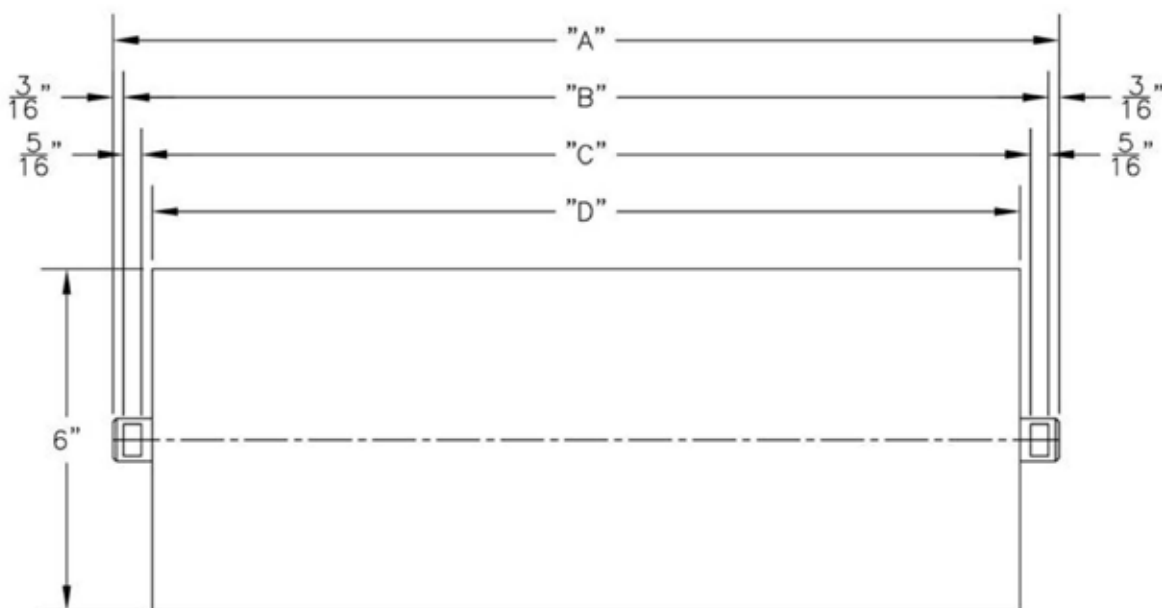
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
42"	313911	54 3/8	54	53 3/8	53	-	-
48"	333551	60 3/8	60	59 3/8	59	-	-
54"	333552	66 3/8	66	65 3/8	65	-	-
60"	333553	72 3/8	72	71 3/8	71	-	-
72"	333554	84 3/8	84	83 3/8	82	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA D

Replacement Return Rolls

6" Diameter EXALON Roll



Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
42"	333549	54 3/8	54	53 3/8	53	-	-
48"	333555	60 3/8	60	59 3/8	59	-	-
54"	333556	66 3/8	66	65 3/8	65	-	-
60"	310903	72 3/8	72	71 3/8	71	-	-
72"	333558	84 3/8	84	83 3/8	82	-	-

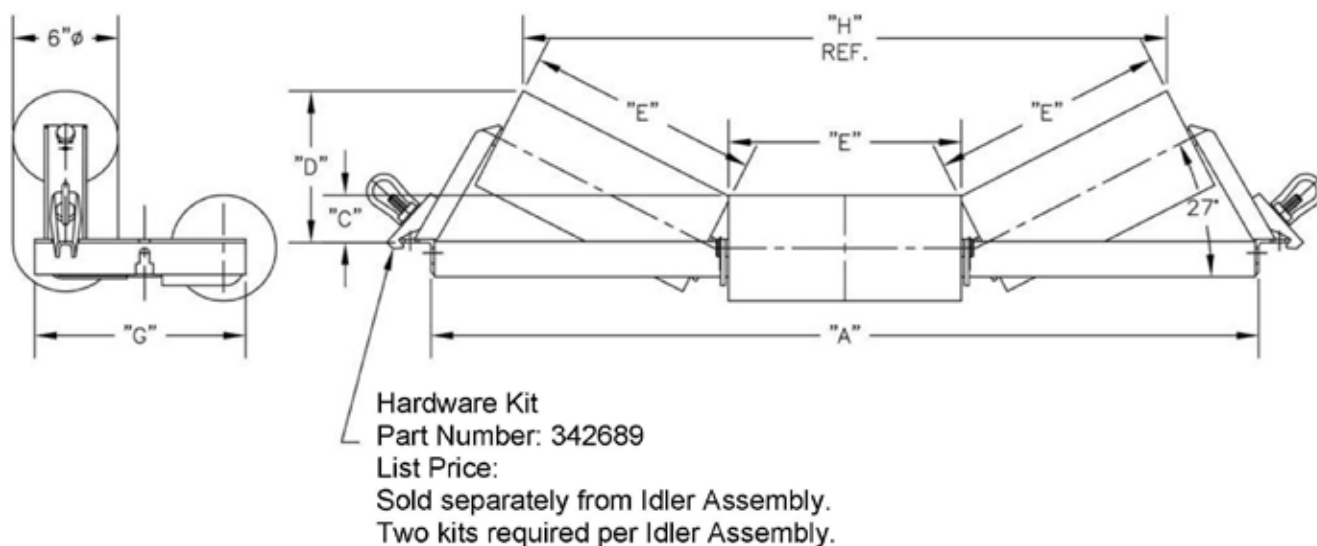
All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA E 27°

Offset Carrying Idler Assembly

6" Diameter Steel Roll

Channel Mount



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
36"	602666	273640	47 1/8	2 11/16	8 9/16	13 5/8	12	36 5/8	-	-
42"	602667	270612	53 1/8	2 11/16	9 1/2	15 5/8	12	42 3/16	-	-
48"	602668	274220	59 1/8	2 11/16	10 3/8	17 5/8	12	47 3/4	-	-
54"	602669	266879	65 1/8	2 11/16	11 5/16	19 5/8	12	53 5/16	-	-
60"	602670	266882	71 1/8	2 11/16	12 1/4	21 5/8	12	58 7/8	-	-
72"	602671	266885	77 1/8	2 11/16	14 1/16	25 5/8	12	70	-	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

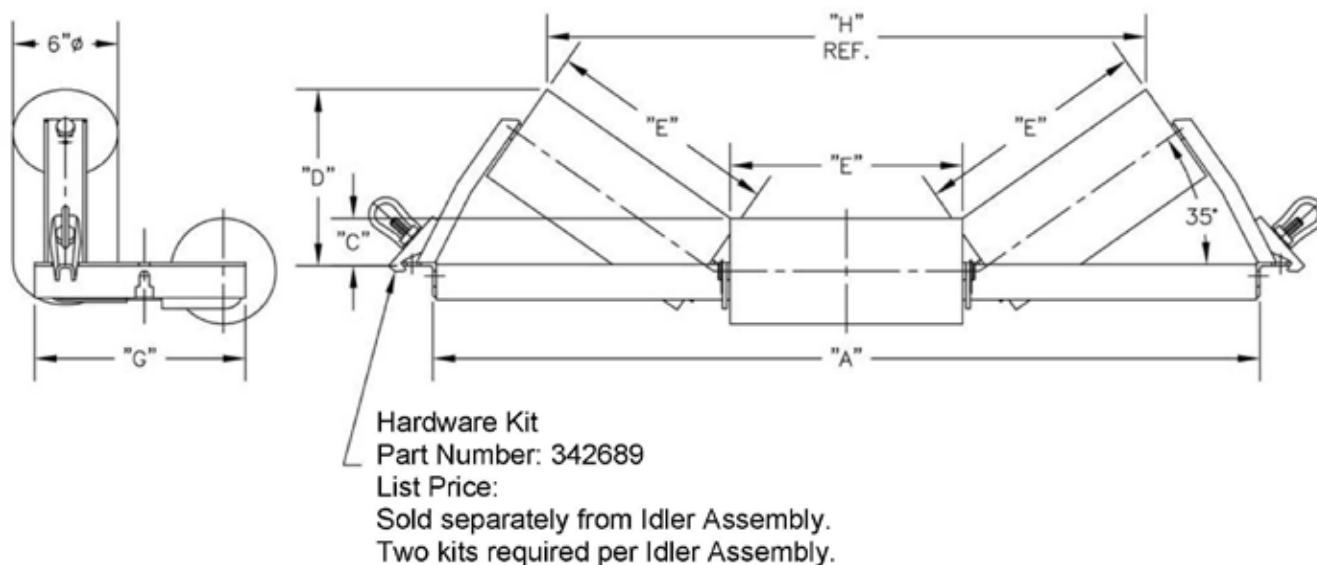
*Note: CEMA E replacement roll pricing and dimensional data begins on page 328.

CEMA E 35°

Offset Carrying Idler Assembly

6" Diameter Steel Roll

Channel Mount



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
36"	602678	273640	47 1/8	2 11/16	9 5/8	13 5/8	12	33 7/16	-	-
42"	602679	270612	53 1/8	2 11/16	10 11/16	15 5/8	12	38 7/16	-	-
48"	376370	274220	59 1/8	2 11/16	11 13/16	17 5/8	12	44 9/16	-	-
54"	376402	266879	65 1/8	2 11/16	13 3/8	19 5/8	12	50 1/16	-	-
60"	324853	266882	71 1/8	2 11/16	14 1/2	21 5/8	12	55 5/16	-	-
72"	602683	266885	77 1/8	2 11/16	16 13/16	25 5/8	12	65 7/8	-	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

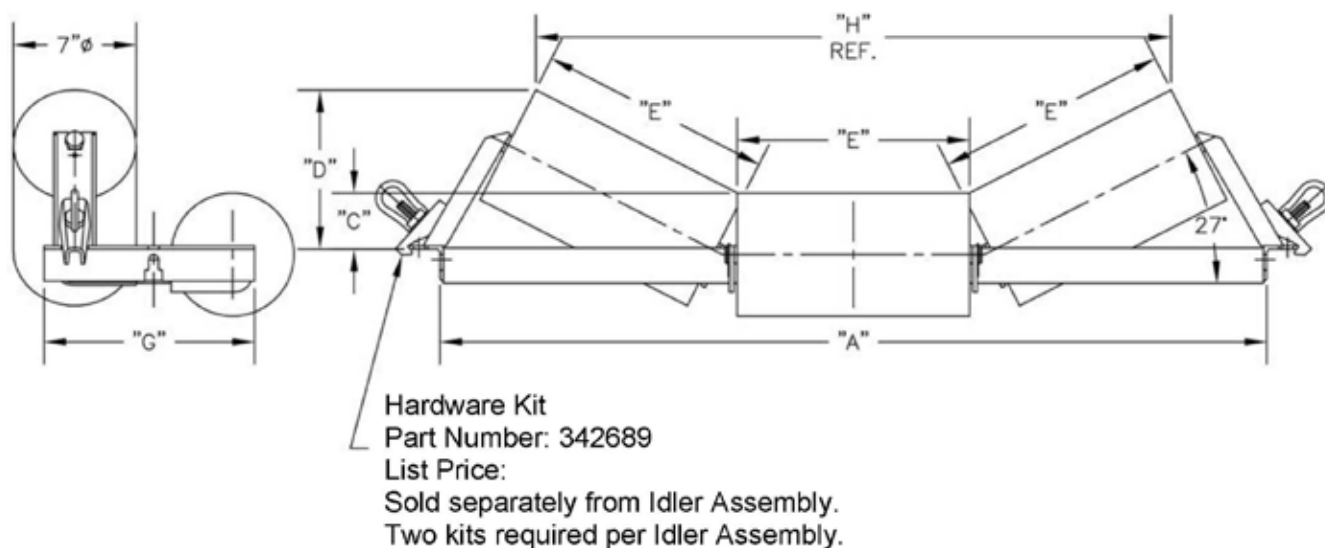
*Note: CEMA E replacement roll pricing and dimensional data begins on page 328.

CEMA E 27°

Offset Carrying Idler Assembly

7" Diameter Steel Roll

Channel Mount



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
36"	602672	376440	47 1/8	3 3/16	9 1/16	13 5/8	12	36 3/16	-	-
42"	602673	266888	53 1/8	3 3/16	9 15/16	15 5/8	12	41 3/4	-	-
48"	602674	266891	59 1/8	3 3/16	10 7/8	17 5/8	12	47 5/16	-	-
54"	602675	266894	65 1/8	3 3/16	11 3/4	19 5/8	12	52 7/8	-	-
60"	602676	266897	71 1/8	3 3/16	12 11/16	21 5/8	12	58 7/16	-	-
72"	602677	266900	77 1/8	3 3/16	14 1/2	25 5/8	12	69 9/16	-	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

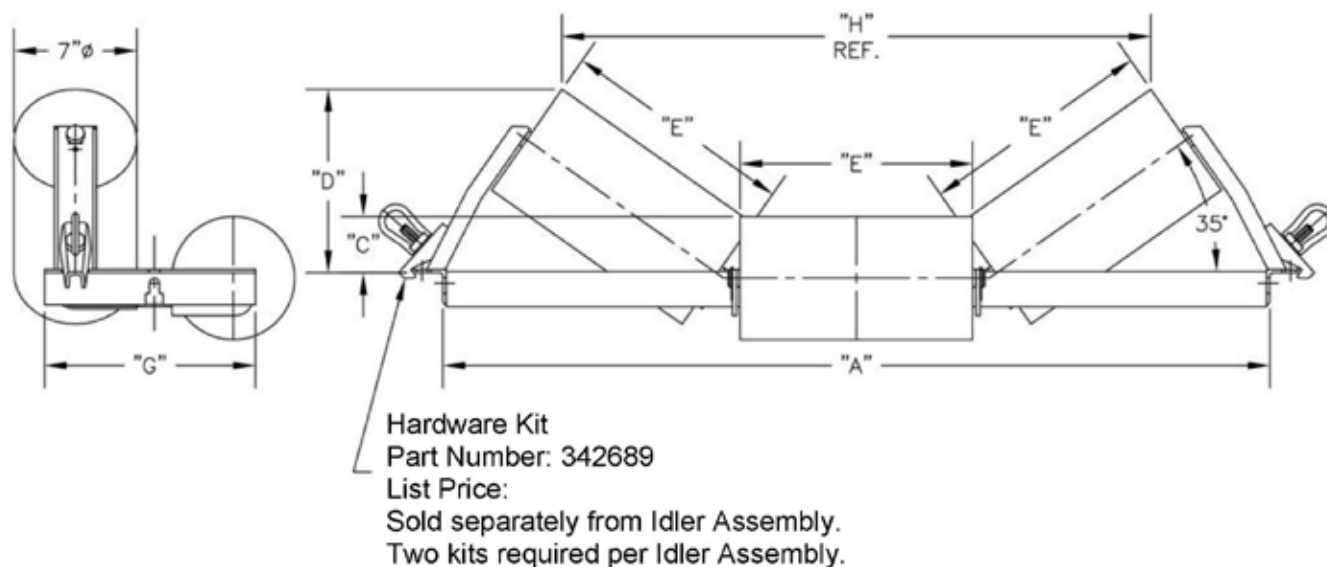
*Note: CEMA E replacement roll pricing and dimensional data begins on page 328.

CEMA E 35°

Offset Carrying Idler Assembly

7" Diameter Steel Roll

Channel Mount



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
36"	602684	602768	47 1/8	3 3/16	10 7/16	13 5/8	12	33 9/16	-	-
42"	602685	602769	53 1/8	3 3/16	11 9/16	15 5/8	12	38 13/16	-	-
48"	376369	602770	59 1/8	3 3/16	12 11/16	17 5/8	12	44 1/8	-	-
54"	376401	602771	65 1/8	3 3/16	13 7/8	19 5/8	12	49 3/8	-	-
60"	376403	602772	71 1/8	3 3/16	15	21 5/8	12	54 11/16	-	-
72"	602689	602773	77 1/8	3 3/16	17 5/16	25 5/8	12	65 1/4	-	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request.

All dimensions are subject to change without notice. Certified prints are available upon request.

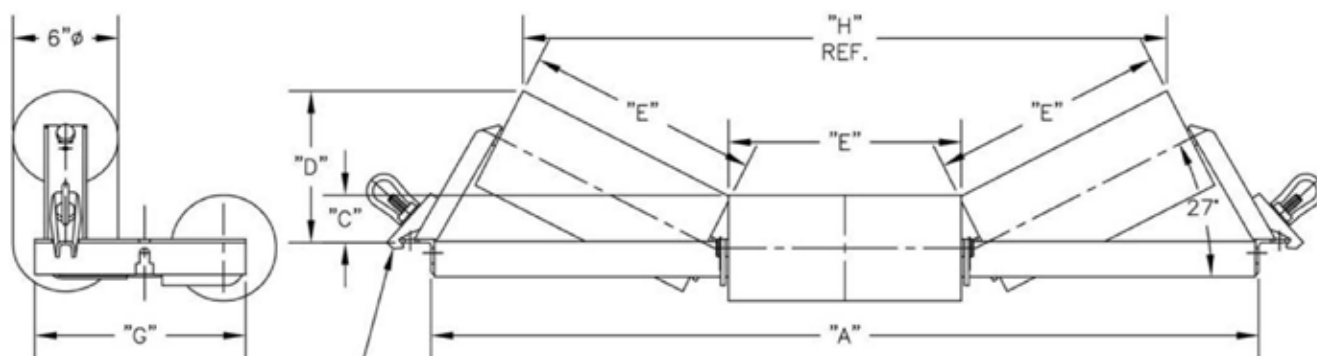
*Note: CEMA E replacement roll pricing and dimensional data begins on page 328.

CEMA E 27°

Offset Carrying Idler Assembly

6" Diameter EXALON Roll

Channel Mount



Hardware Kit
Part Number: 342689
List Price:
Sold separately from Idler Assembly.
Two kits required per Idler Assembly.

Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
36"	602690	340623	47 1/8	2 11/16	8 9/16	13 5/8	12	36 5/8	-	-
42"	602691	340624	53 1/8	2 11/16	9 1/2	15 5/8	12	42 3/16	-	-
48"	602692	340625	59 1/8	2 11/16	10 3/8	17 5/8	12	47 3/4	-	-
54"	602693	340626	65 1/8	2 11/16	11 5/16	19 5/8	12	53 5/16	-	-
60"	602694	325396	71 1/8	2 11/16	12 1/4	21 5/8	12	58 7/8	-	-
72"	602695	314692	77 1/8	2 11/16	14 1/16	25 5/8	12	70	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

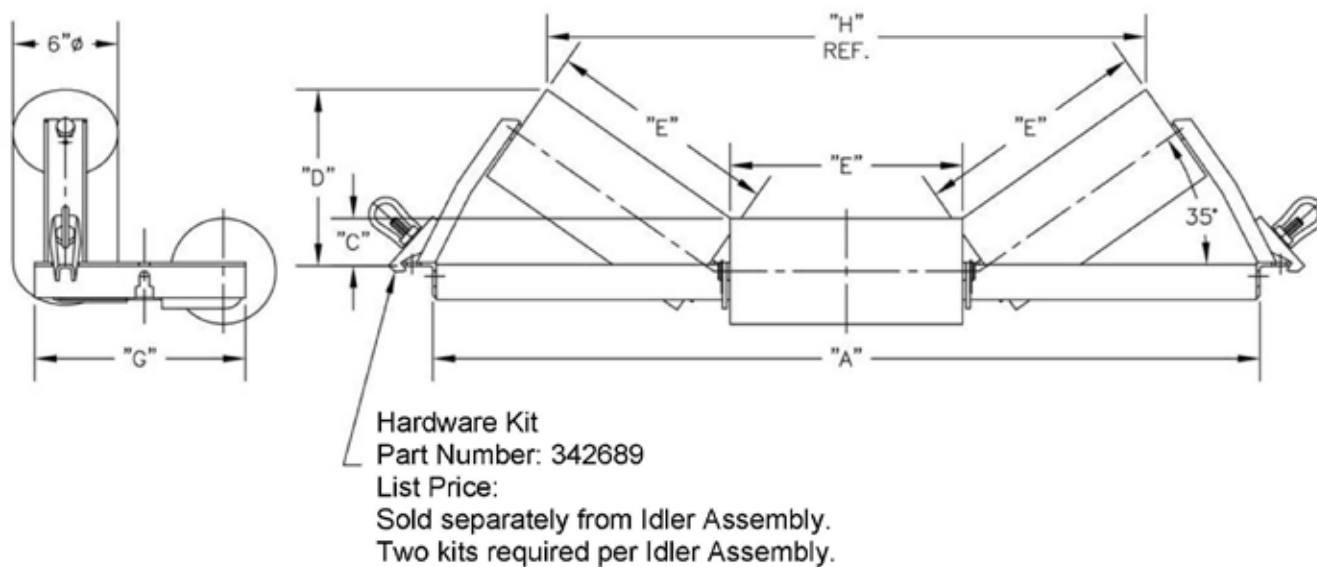
*Note: CEMA E replacement roll pricing and dimensional data begins on page 328.

CEMA E 35°

Offset Carrying Idler Assembly

6" Diameter EXALON Roll

Channel Mount



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
36"	602702	340623	47 1/8	2 11/16	9 5/8	13 5/8	12	33 7/16	-	-
42"	602703	340624	53 1/8	2 11/16	10 11/16	15 5/8	12	38 7/16	-	-
48"	602704	340625	59 1/8	2 11/16	11 13/16	17 5/8	12	44 9/16	-	-
54"	602705	340626	65 1/8	2 11/16	13 3/8	19 5/8	12	50 1/16	-	-
60"	325057	325396	71 1/8	2 11/16	14 1/2	21 5/8	12	55 5/16	-	-
72"	602707	314692	77 1/8	2 11/16	16 13/16	25 5/8	12	65 7/8	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

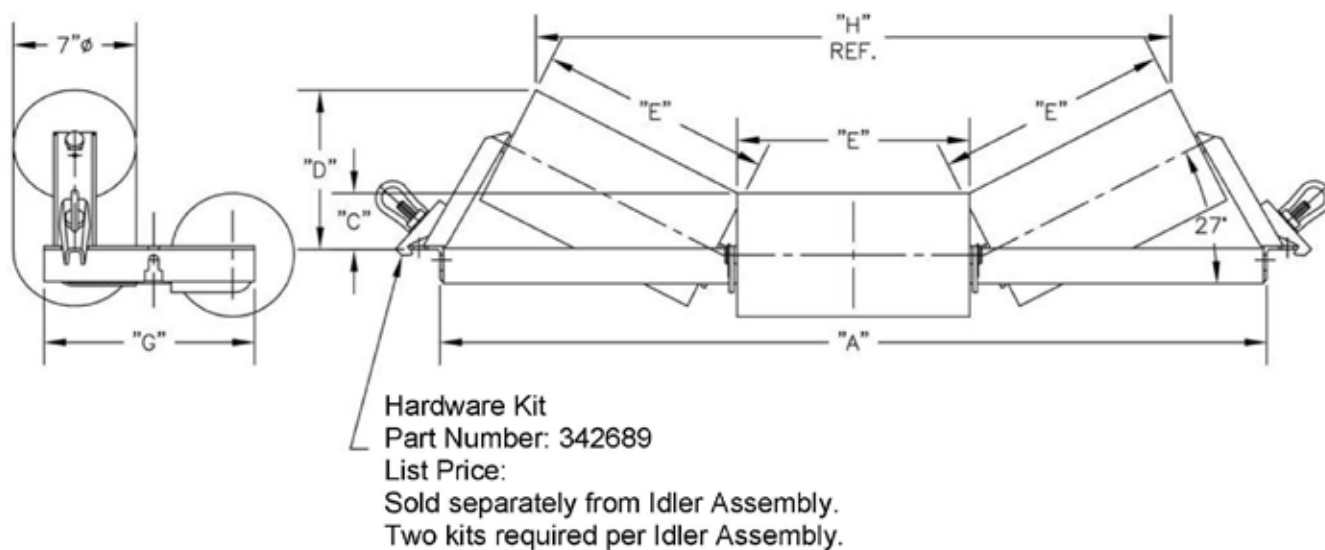
*Note: CEMA E replacement roll pricing and dimensional data begins on page 328.

CEMA E 27°

Offset Carrying Idler Assembly

7" Diameter EXALON Roll

Channel Mount



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
36"	602696	602768	47 1/8	3 3/16	9 1/16	13 5/8	12	36 3/16	-	-
42"	602697	602769	53 1/8	3 3/16	9 15/16	15 5/8	12	41 3/4	-	-
48"	602698	602770	59 1/8	3 3/16	10 7/8	17 5/8	12	47 5/16	-	-
54"	602699	602771	65 1/8	3 3/16	11 3/4	19 5/8	12	52 7/8	-	-
60"	602700	602772	71 1/8	3 3/16	12 11/16	21 5/8	12	58 7/16	-	-
72"	602701	602773	77 1/8	3 3/16	14 1/2	25 5/8	12	69 9/16	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

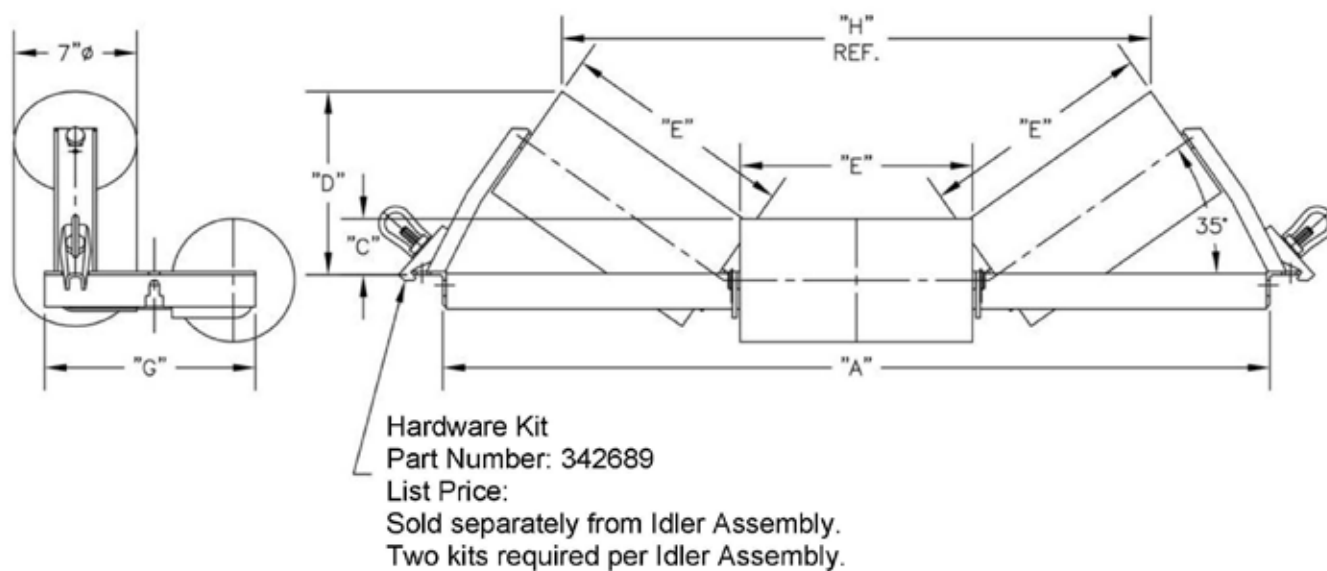
*Note: CEMA E replacement roll pricing and dimensional data begins on page 328.

CEMA E 35°

Offset Carrying Idler Assembly

7" Diameter EXALON Roll

Channel Mount



Belt Width	Part Number	Roll* P/N	Dimensions (inches)						Weight (lbs)	List Price
			A	C	D	E	G	H		
36"	602708	602768	47 1/8	3 3/16	10 7/16	13 5/8	12	33 9/16	-	-
42"	602709	602769	53 1/8	3 3/16	11 9/16	15 5/8	12	38 13/16	-	-
48"	602710	602770	59 1/8	3 3/16	12 11/16	17 5/8	12	44 1/8	-	-
54"	602711	602771	65 1/8	3 3/16	13 7/8	19 5/8	12	49 3/8	-	-
60"	602712	602772	71 1/8	3 3/16	15	21 5/8	12	54 11/16	-	-
72"	602713	602773	77 1/8	3 3/16	17 5/16	25 5/8	12	65 1/4	-	-

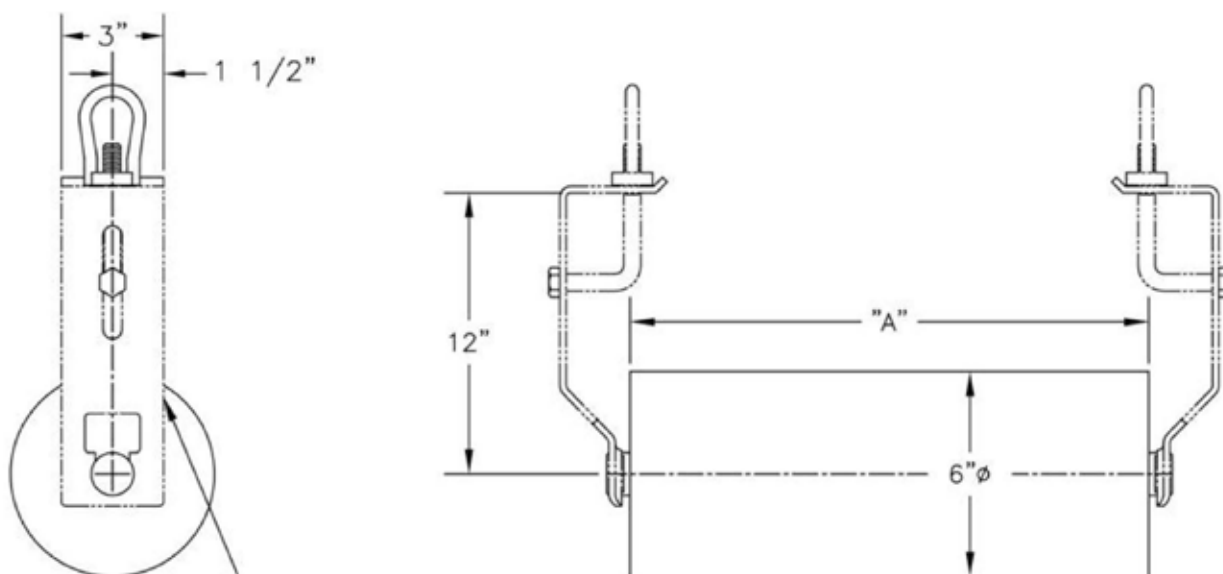
All dimensions are subject to change without notice. Certified prints are available upon request.

*Note: CEMA E replacement roll pricing and dimensional data begins on page 328.

CEMA E

Return Idler Assembly

6" Diameter Steel Roll



Drop brackets sold separately from return roll.
Channel style drop brackets shown.
Additional style drop brackets begin on page 326.

Belt Width	Roll* P/N	Dimensions (inches) A	Weight (lbs)	List Price
36"	358962	46 3/4	-	-
42"	342575	52 3/4	-	-
48"	376433	58 3/4	-	-
54"	376434	64 3/4	-	-
60"	325435	70 3/4	-	-
72"	314710	82 3/4	-	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request.

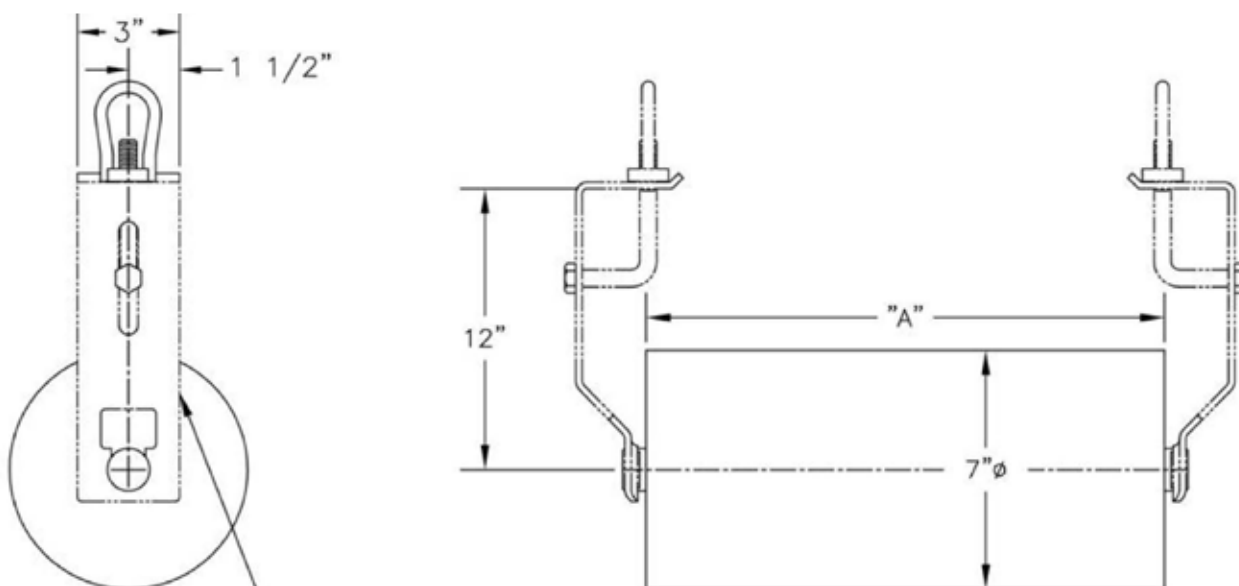
All dimensions are subject to change without notice. Certified prints are available upon request.

**Note: CEMA E replacement roll pricing and dimensional data begins on page 328.*

CEMA E

Return Idler Assembly

7" Diameter Steel Roll



Drop brackets sold separately from return roll.
Channel style drop brackets shown.
Additional style drop brackets begin on page 326.

Belt Width	Roll* P/N	Dimensions (inches) A	Weight (lbs)	List Price
36"	376441	46 3/4	-	-
42"	376458	52 3/4	-	-
48"	376459	58 3/4	-	-
54"	376460	64 3/4	-	-
60"	376462	70 3/4	-	-
72"	376465	82 3/4	-	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request.

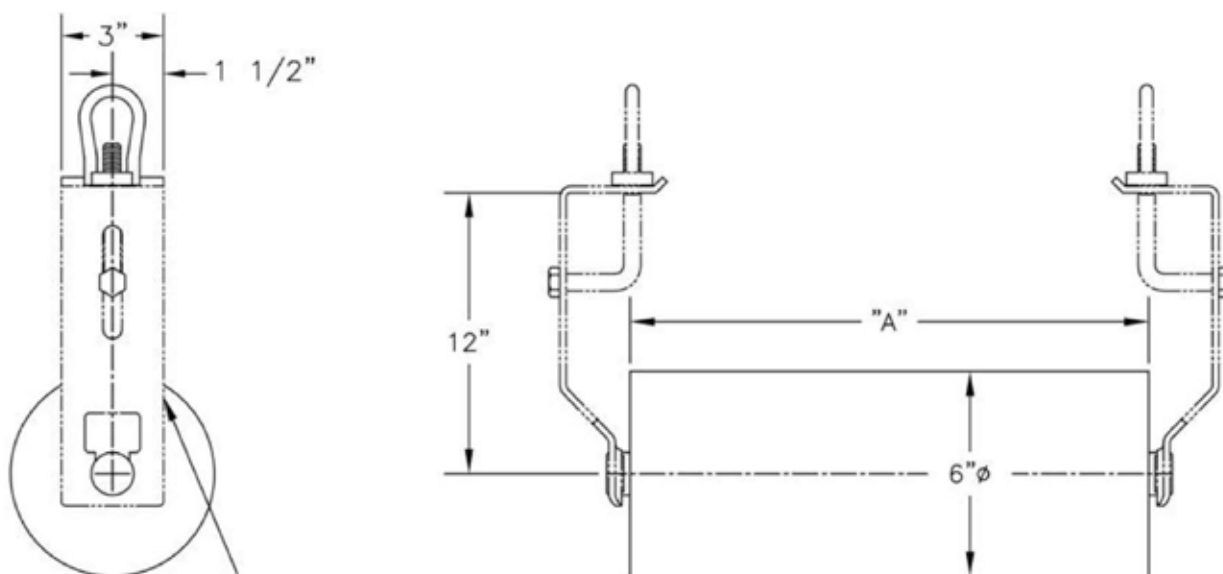
All dimensions are subject to change without notice. Certified prints are available upon request.

**Note: CEMA E replacement roll pricing and dimensional data begins on page 328.*

CEMA E

Return Idler Assembly

6" Diameter EXALON Roll



Drop brackets sold separately from return roll.
Channel style drop brackets shown.
Additional style drop brackets begin on page 326.

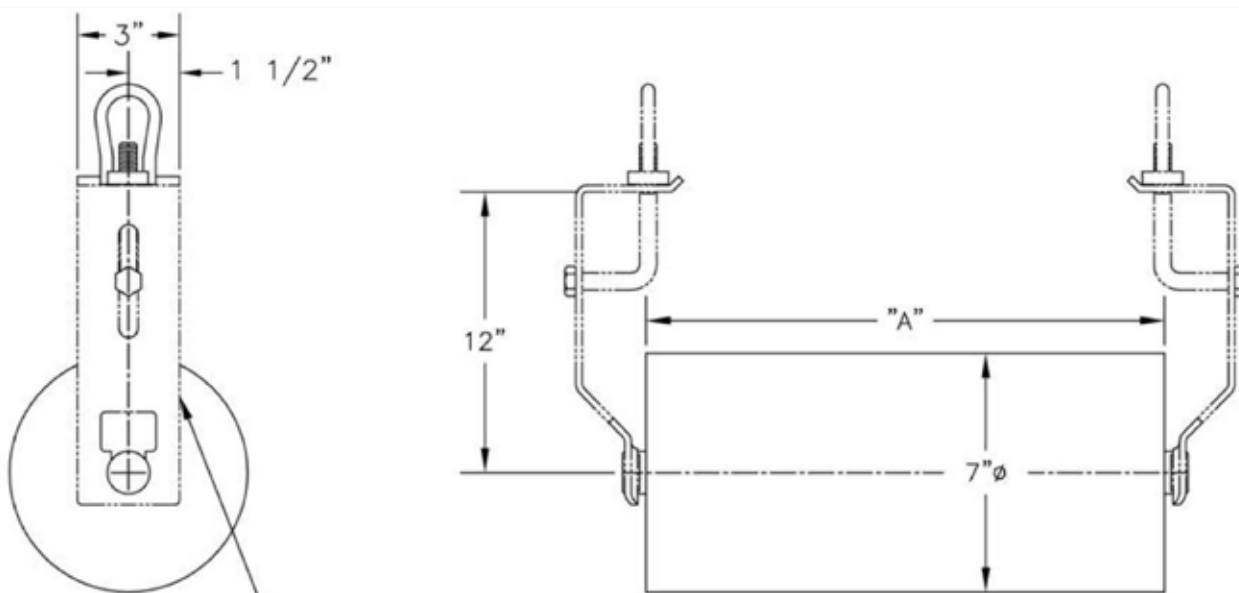
Belt Width	Roll* P/N	Dimensions (inches) A	Weight (lbs)	List Price
36"	340678	46 3/4	-	-
42"	340680	52 3/4	-	-
48"	340716	58 3/4	-	-
54"	340717	64 3/4	-	-
60"	325436	70 3/4	-	-
72"	314693	82 3/4	-	-

*All dimensions are subject to change without notice. Certified prints are available upon request.
Note: CEMA C replacement roll pricing and dimensional data begins on page 328.

CEMA E

Return Idler Assembly

7" Diameter EXALON Roll



Drop brackets sold separately from return roll.
Channel style drop brackets shown.
Additional style drop brackets begin on page 326.

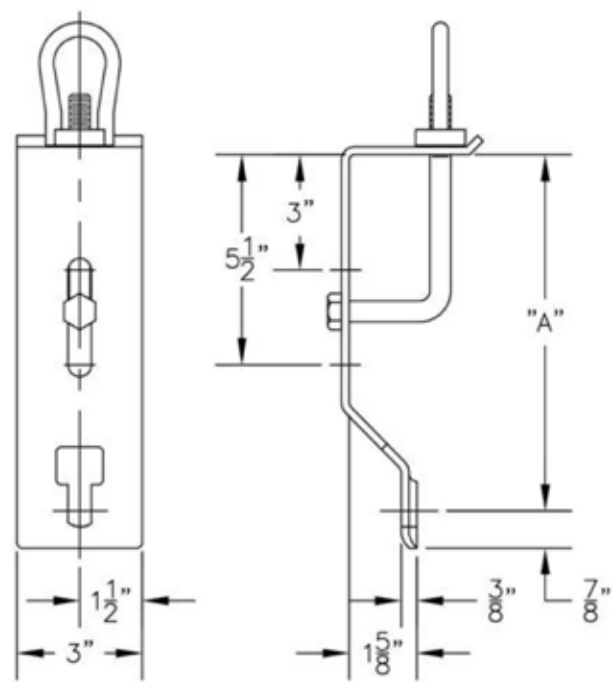
Belt Width	Roll* P/N	Dimensions (inches) A	Weight (lbs)	List Price
36"	602880	46 3/4	-	-
42"	602881	52 3/4	-	-
48"	602882	58 3/4	-	-
54"	602883	64 3/4	-	-
60"	602884	70 3/4	-	-
72"	602885	82 3/4	-	-

*All dimensions are subject to change without notice. Certified prints are available upon request.
Note: CEMA C replacement roll pricing and dimensional data begins on page 328.

CEMA E

Drop Brackets

5" Channel



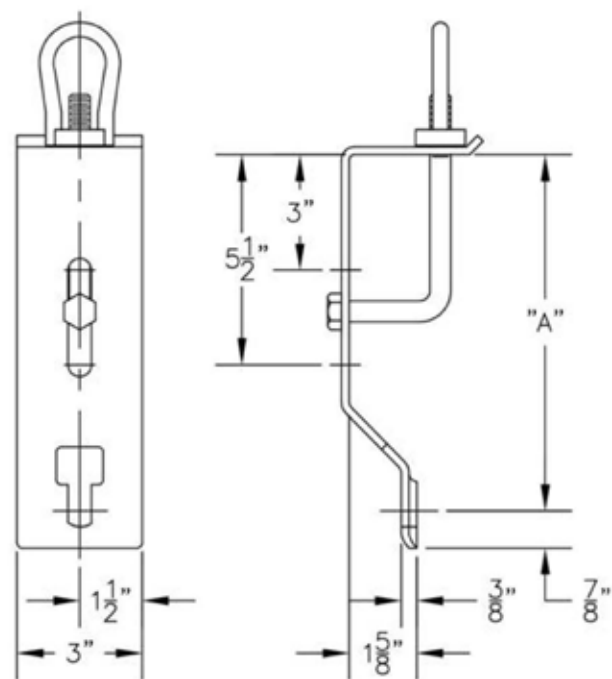
Drop Length	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
12"	338447	12	-	-
13"	338448	13	-	-
15"	314661	15	-	-

All dimensions are subject to change without notice. Certified prints are available upon request

CEMA E

Drop Brackets

6" Channel



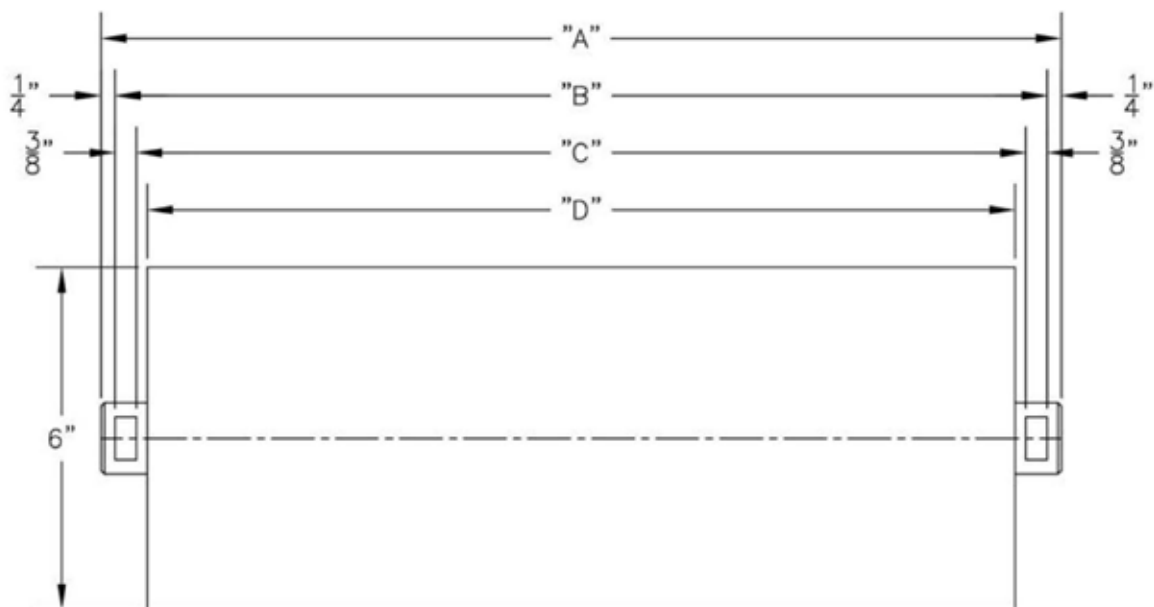
Drop Length	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
12"	338442	12	-	-
13"	338443	13	-	-
15"	338444	15	-	-

All dimensions are subject to change without notice. Certified prints are available upon request

CEMA E

Replacement Carrying Rolls

6" Diameter Steel Roll



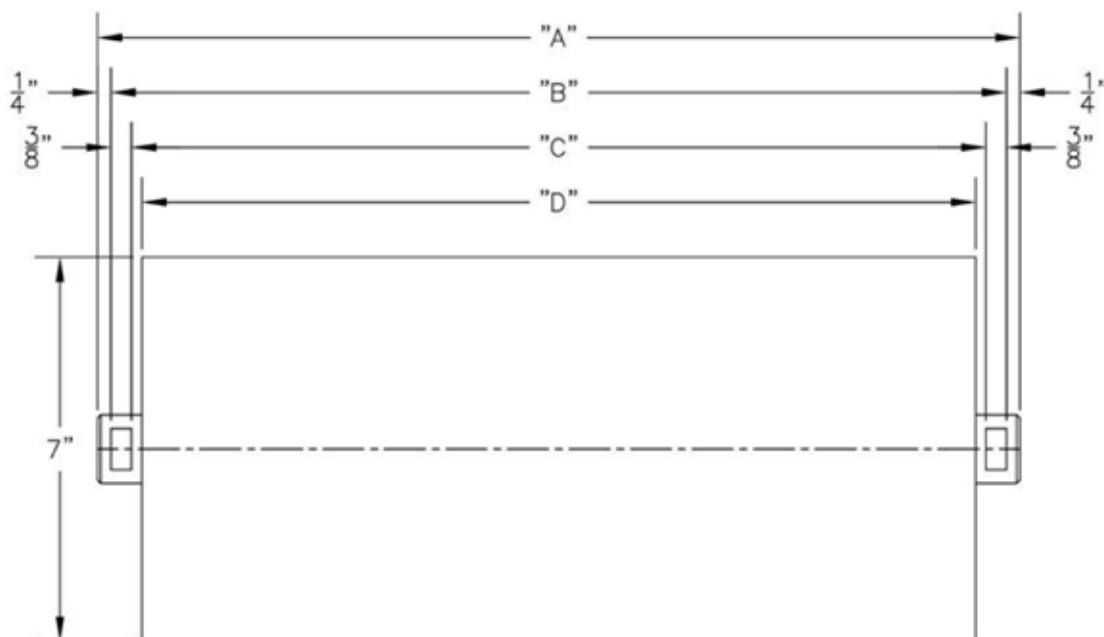
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
36"	273640	15 1/2	15	14 1/4	13 5/8	26	-
42"	270612	17 1/2	17	16 1/4	15 5/8	30	-
48"	274220	19 1/2	19	18 1/4	17 5/8	33	-
54"	266879	21 1/2	21	20 1/4	19 5/8	36	-
60"	266882	23 1/2	23	22 1/4	21 5/8	39	-
72"	266885	27 1/2	27	26 1/4	25 5/8	46	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA E

Replacement Carrying Rolls

7" Diameter Steel Roll



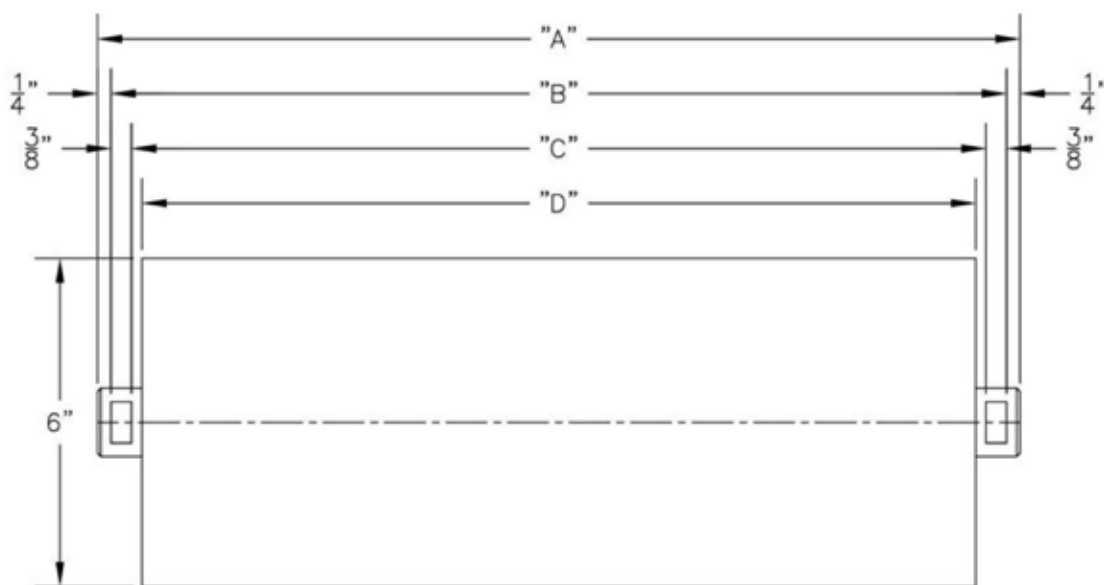
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
36"	376440	15 1/2	15	14 1/4	13 5/8	30	-
42"	266888	17 1/2	17	16 1/4	15 5/8	34	-
48"	266891	19 1/2	19	18 1/4	17 5/8	38	-
54"	266894	21 1/2	21	20 1/4	19 5/8	42	-
60"	266897	23 1/2	23	22 1/4	21 5/8	45	-
72"	266900	27 1/2	27	26 1/4	25 5/8	52	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA E

Replacement Carrying Rolls

6" Diameter EXALON Roll



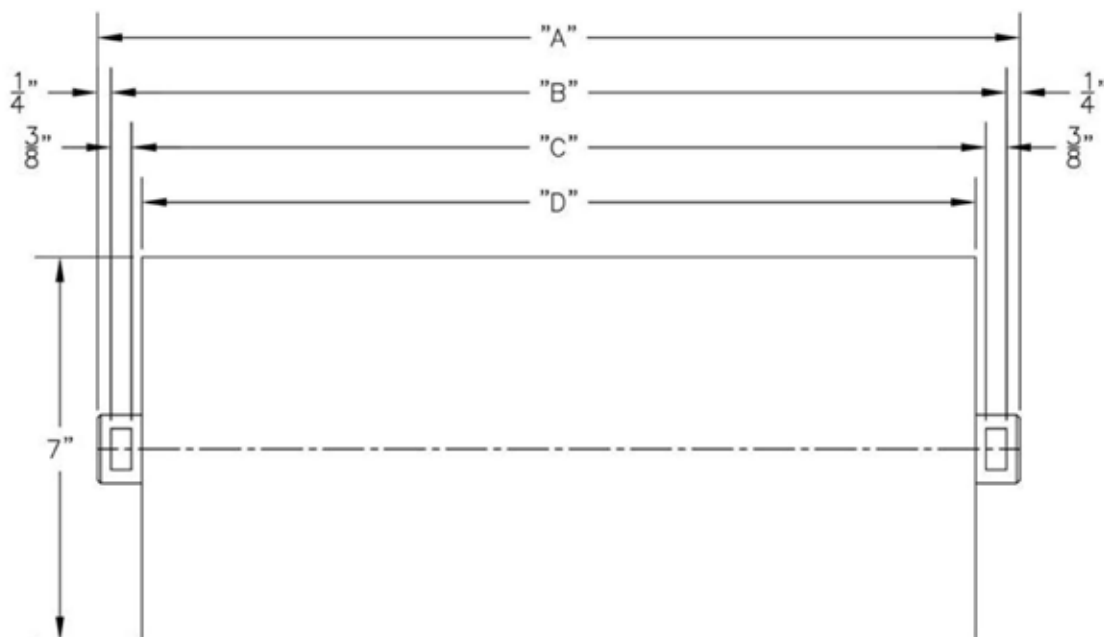
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
36"	340623	15 1/2	15	14 1/4	13 5/8	24	-
42"	340624	17 1/2	17	16 1/4	15 5/8	26	-
48"	340625	19 1/2	19	18 1/4	17 5/8	28	-
54"	340626	21 1/2	21	20 1/4	19 5/8	31	-
60"	325396	23 1/2	23	22 1/4	21 5/8	33	-
72"	314692	27 1/2	27	26 1/4	25 5/8	38	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA E

Replacement Carrying Rolls

7" Diameter EXALON Roll



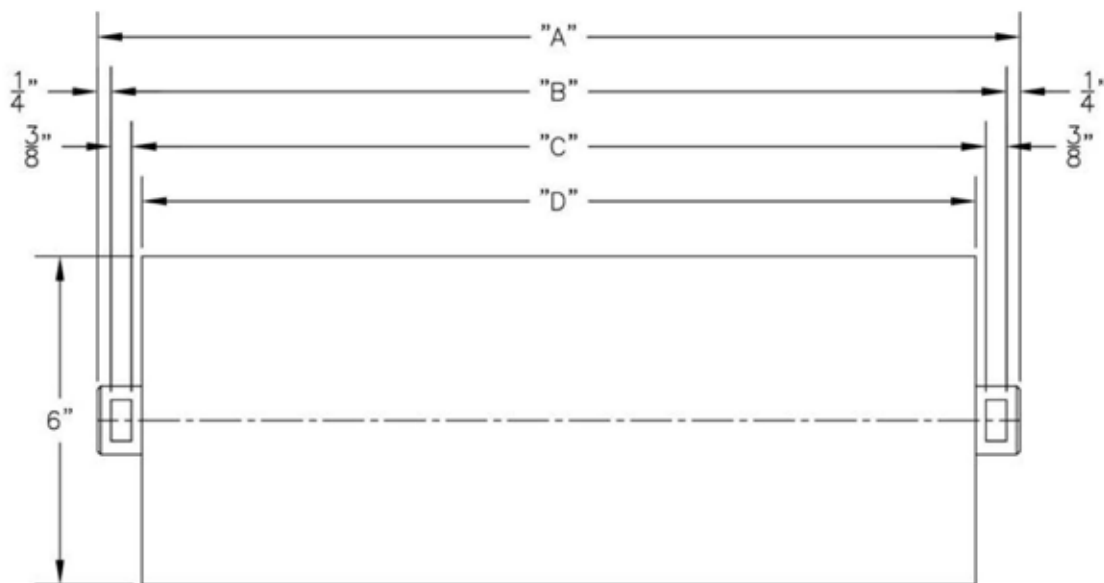
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
36"	602768	15 1/2	15	14 1/4	13 5/8	27	-
42"	602769	17 1/2	17	16 1/4	15 5/8	30	-
48"	602770	19 1/2	19	18 1/4	17 5/8	33	-
54"	602771	21 1/2	21	20 1/4	19 5/8	36	-
60"	602772	23 1/2	23	22 1/4	21 5/8	38	-
72"	602773	27 1/2	27	26 1/4	25 5/8	44	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA E

Replacement Carrying Rolls

6" Diameter Steel Roll



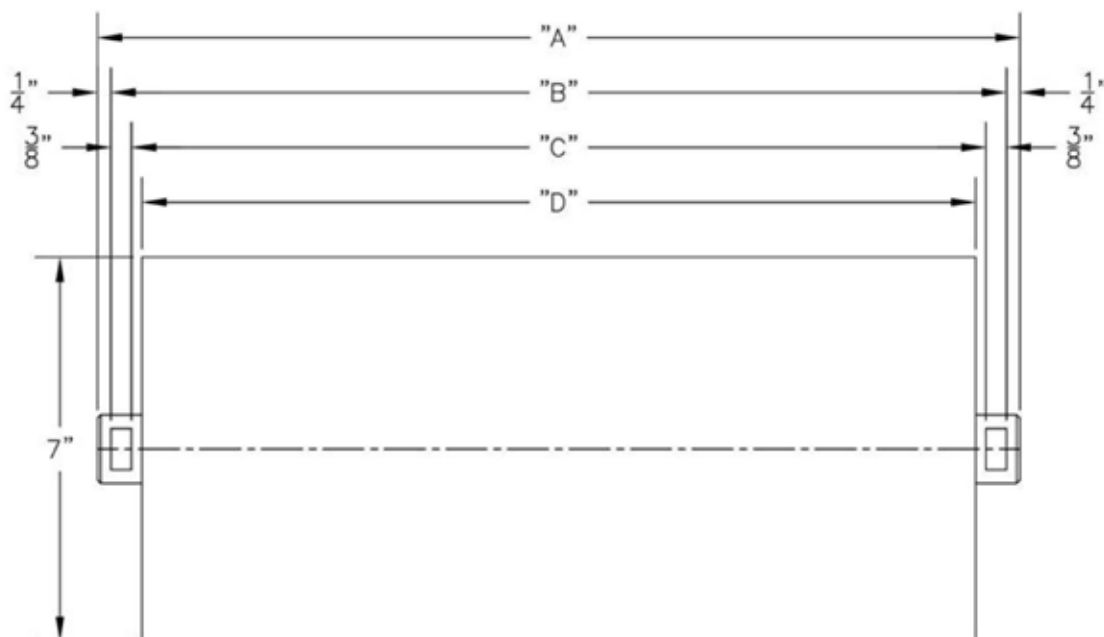
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
36"	358962	48 5/8	48 1/8	47 3/8	46 3/4	-	-
42"	342575	54 5/8	54 1/8	53 3/8	52 3/4	-	-
48"	376433	60 5/8	60 1/8	59 3/8	58 3/4	-	-
54"	376434	66 5/8	66 1/8	65 3/8	64 3/4	-	-
60"	325435	72 5/8	72 1/8	71 3/8	70 3/4	-	-
72"	314710	84 5/8	84 1/8	83 3/8	82 3/4	-	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA E

Replacement Carrying Rolls

7" Diameter Steel Roll



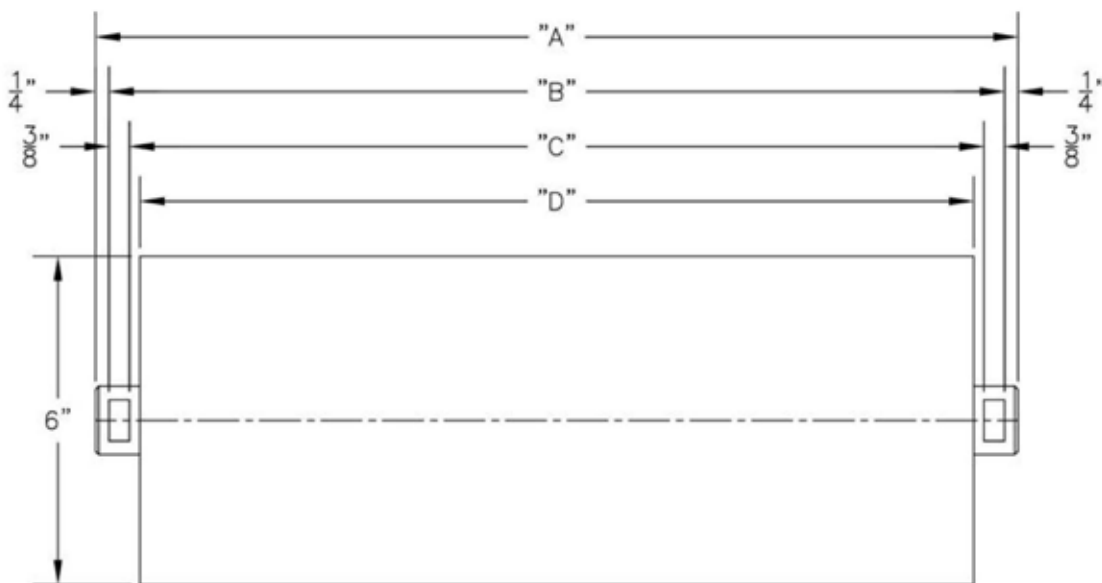
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
36"	376441	48 5/8	48 1/8	47 3/8	46 3/4	-	-
42"	376458	54 5/8	54 1/8	53 3/8	52 3/4	-	-
48"	376459	60 5/8	60 1/8	59 3/8	58 3/4	-	-
54"	376460	66 5/8	66 1/8	65 3/8	64 3/4	-	-
60"	376462	72 5/8	72 1/8	71 3/8	70 3/4	-	-
72"	376465	84 5/8	84 1/8	83 3/8	82 3/4	-	-

All Cat CEMA E Steel Rolls are manufactured with a 1/4" shell, optional 7 gauge shell available upon request. All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA E

Replacement Return Rolls

6" Diameter EXALON Roll



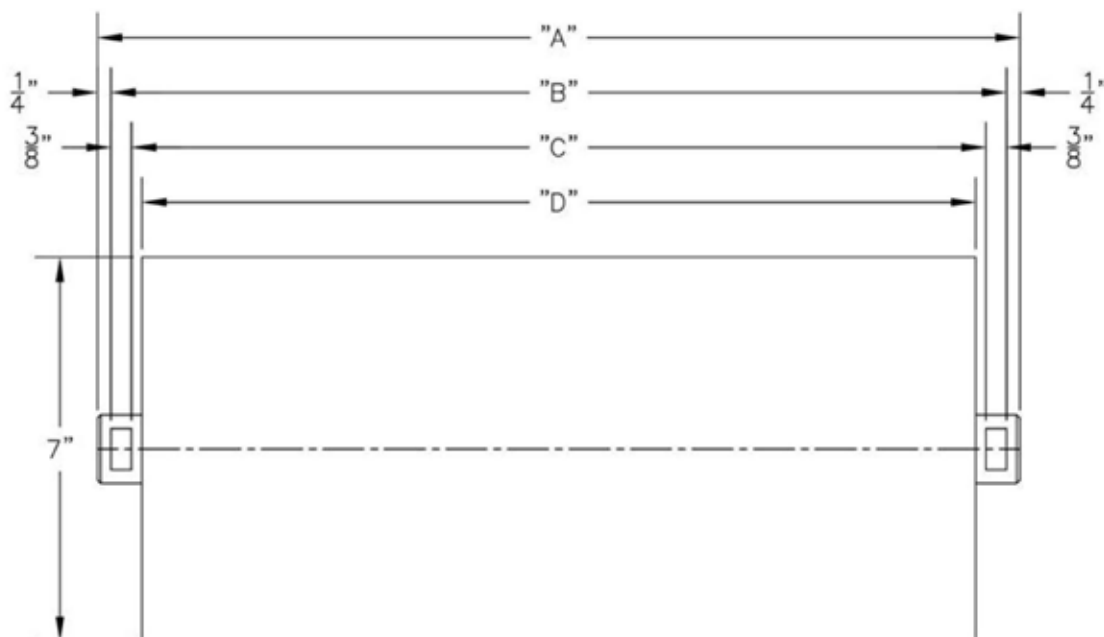
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
		A	B	C	D		
36"	340678	48 5/8	48 1/8	47 3/8	46 3/4	-	-
42"	340680	54 5/8	54 1/8	53 3/8	52 3/4	-	-
48"	340716	60 5/8	60 1/8	59 3/8	58 3/4	-	-
54"	340717	66 5/8	66 1/8	65 3/8	64 3/4	-	-
60"	325436	72 3/8	72 1/8	71 3/8	70 3/4	-	-
72"	314693	84 3/8	84 1/8	83 3/8	82 3/4	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

CEMA E

Replacement Return Rolls

7" Diameter EXALON Roll



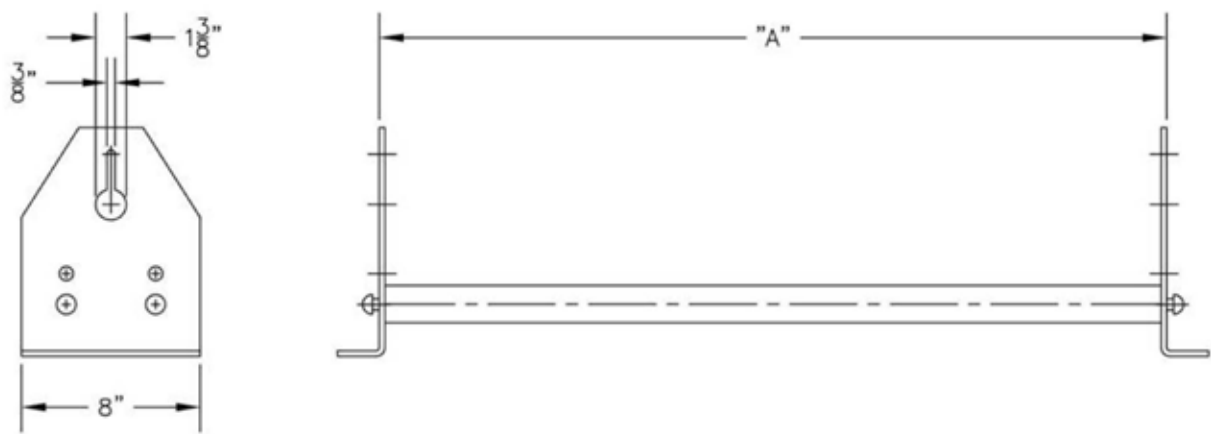
Belt Width	Part Number	Dimensions (inches)				Weight (lbs)	List Price
A	B	C	D				
36"	602880	48 5/8	48 1/8	47 3/8	46 3/4	-	-
42"	602881	54 5/8	54 1/8	53 3/8	52 3/4	-	-
48"	602882	60 5/8	60 1/8	59 3/8	58 3/4	-	-
54"	602883	66 3/8	66 1/8	65 3/8	64 3/4	-	-
60"	602884	72 3/8	72 1/8	71 3/8	70 3/4	-	-
72"	602885	84 3/8	84 1/8	83 3/8	82 3/4	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

STRUCTURE

Spreaders

3" Channel EZEE-LOC



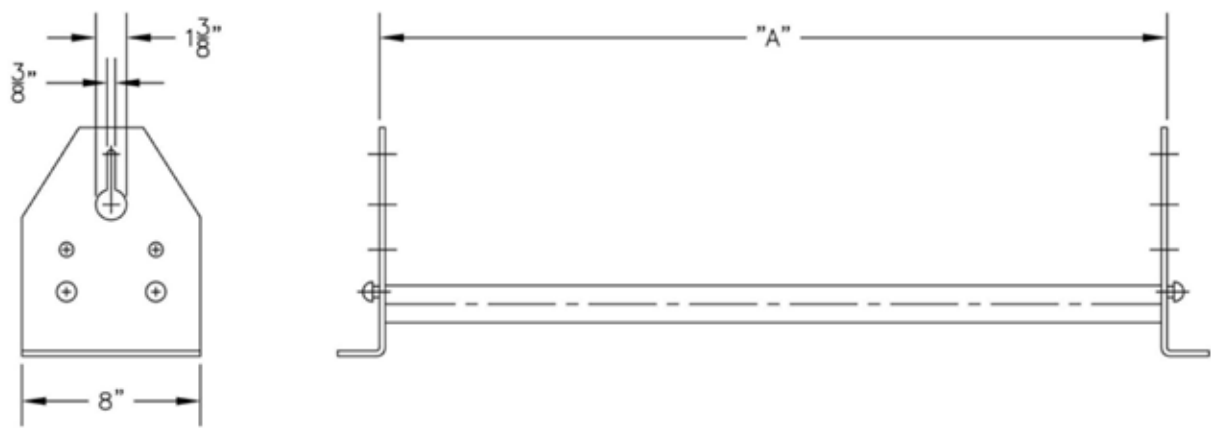
Belt Width	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
36"	327372	47 1/4	-	-
42"	327373	53 1/4	-	-
48"	310971	59 1/4	-	-

All dimensions are subject to change without notice. Certified prints are available upon request

STRUCTURE

Spreaders

4" Channel EZEE-LOC



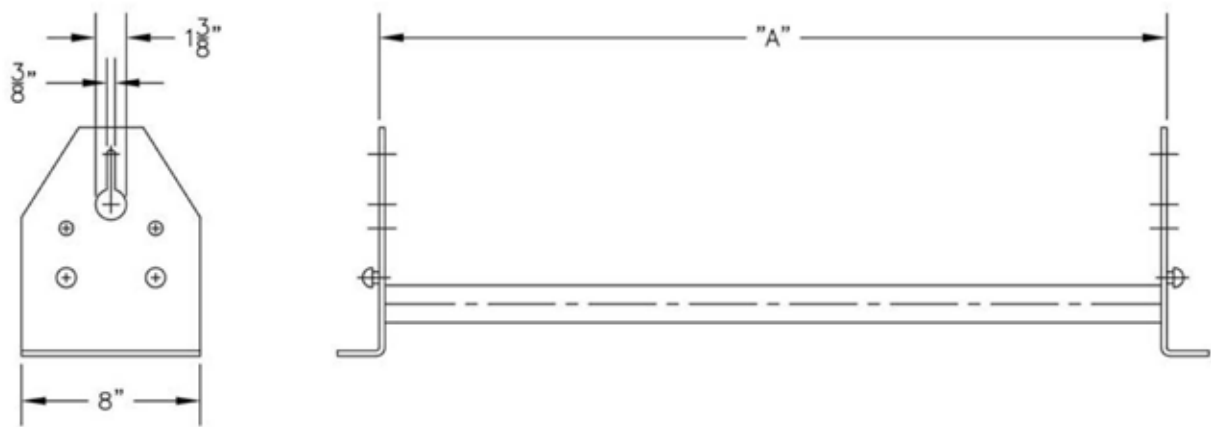
Belt Width	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
36"	327378	47 1/4	-	-
42"	327379	53 1/4	-	-
48"	327380	59 1/4	-	-
54"	327381	65 1/4		

All dimensions are subject to change without notice. Certified prints are available upon request

STRUCTURE

Spreaders

5" Channel EZEE-LOC



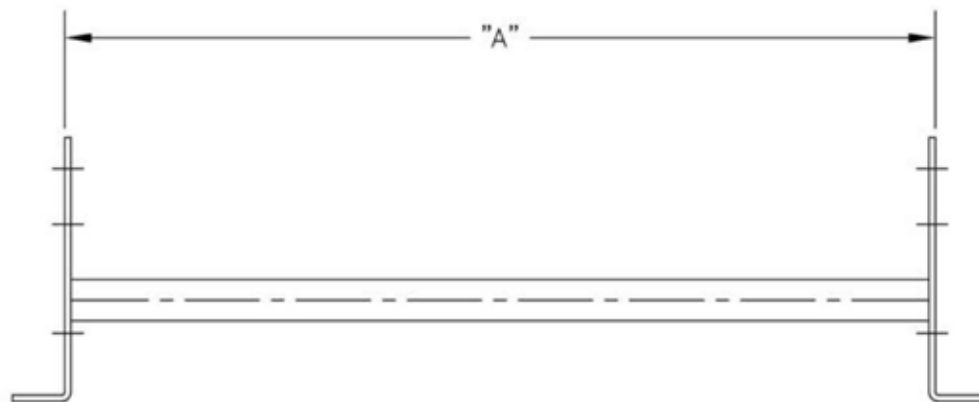
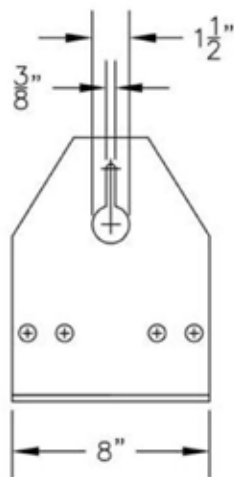
Belt Width	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
48"	327388	59 1/4	-	-
54"	327389	65 1/4	-	-
60"	310945	71 1/4	-	-

All dimensions are subject to change without notice. Certified prints are available upon request

STRUCTURE

Spreaders

5" Channel Rigid Bolted



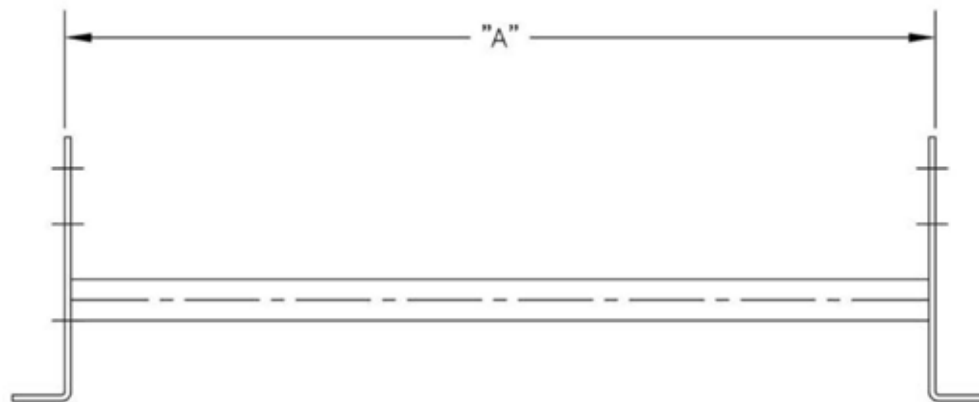
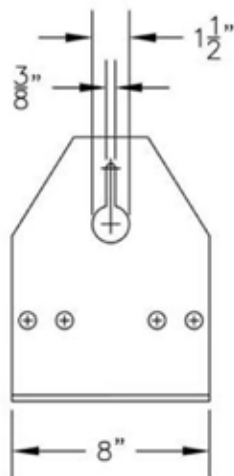
Belt Width	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
48"	359078	59 1/4	-	-
54"	359080	65 1/4	-	-
60"	359082	71 1/4	-	-
72"	359083	83 1/4		

All dimensions are subject to change without notice. Certified prints are available upon request

STRUCTURE

Spreaders

6" Channel Rigid Bolted



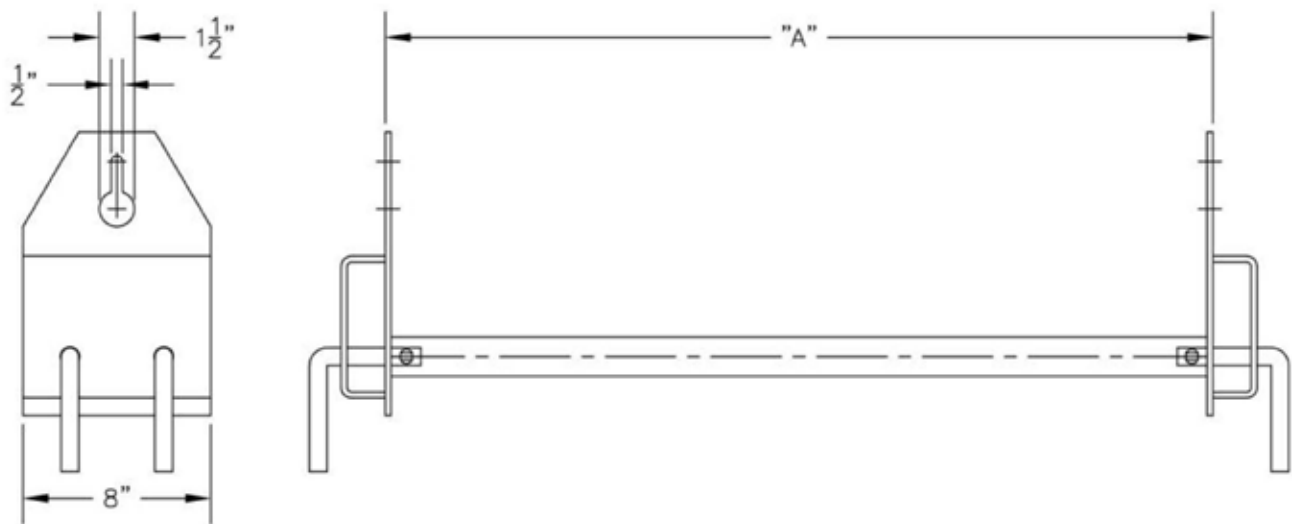
Belt Width	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
48"	376413	59 1/4	-	-
54"	376414	65 1/4	-	-
60"	376415	71 1/4	-	-
72"	376416	83 1/4		

All dimensions are subject to change without notice. Certified prints are available upon request

STRUCTURE

Spreaders

5" Channel Handle & Pin



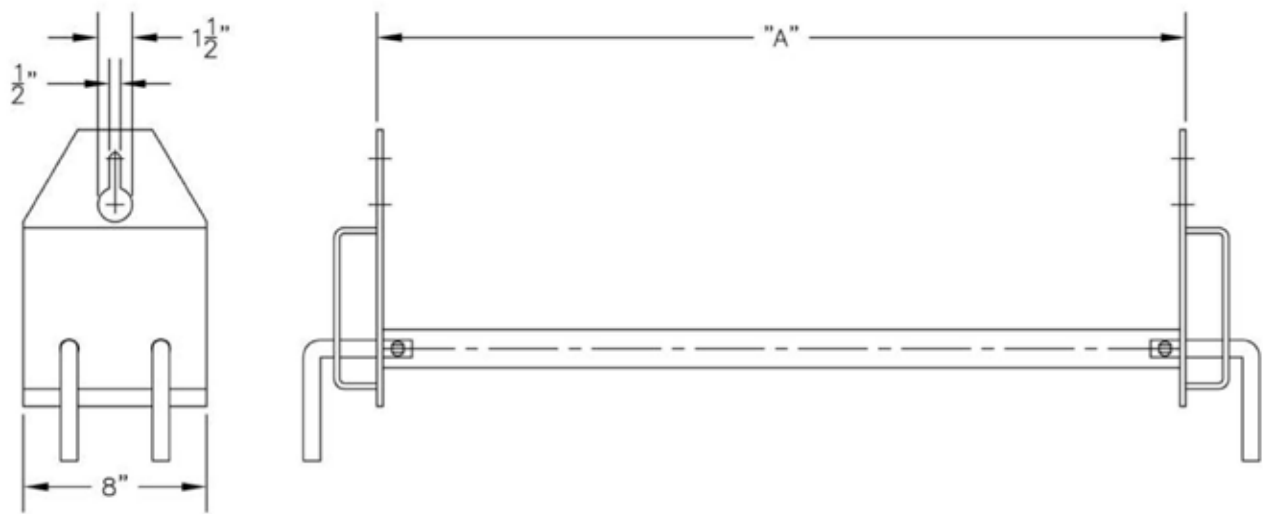
Belt Width	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
48"	354670	59 1/4	-	-
54"	313080	65 1/4	-	-
60"	328553	71 1/4	-	-

All dimensions are subject to change without notice. Certified prints are available upon request

STRUCTURE

Spreaders

6" Channel Handle & Pin



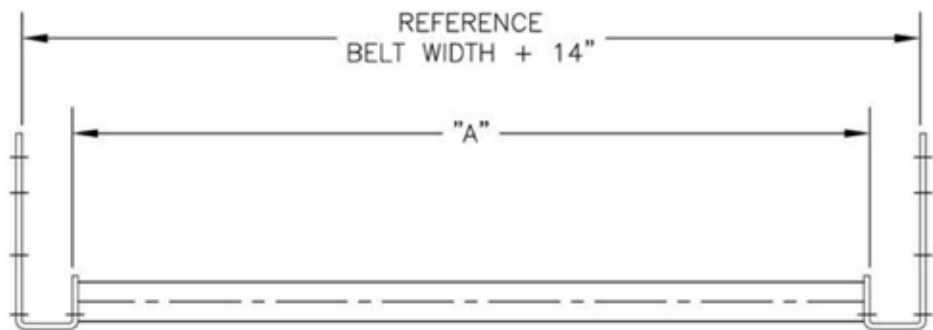
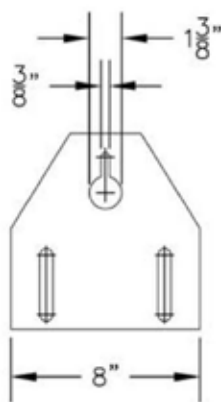
Belt Width	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
48"	376409	59 1/4	-	-
54"	376410	65 1/4	-	-
60"	273410	71 1/4	-	-
72"	376411	83 1/4		

All dimensions are subject to change without notice. Certified prints are available upon request

STRUCTURE

Spreaders

2" x 2" & 2"x 3" Tubing (Welded Pin)



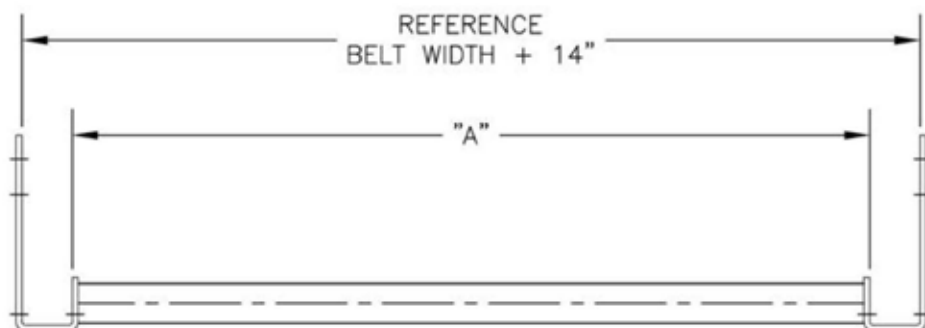
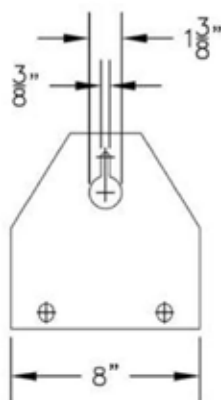
Belt Width	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
30"	346461	39 3/4	-	-
36"	227815	45 3/4	-	-
42"	226842	51 3/4	-	-
48"	226648	57 3/4		
54"	346462	63 3/4		
60"	346463	69 3/4		

All dimensions are subject to change without notice. Certified prints are available upon request

STRUCTURE

Spreaders

2" x 2" & 2" x 3" Tubing (Pin & Cotter)



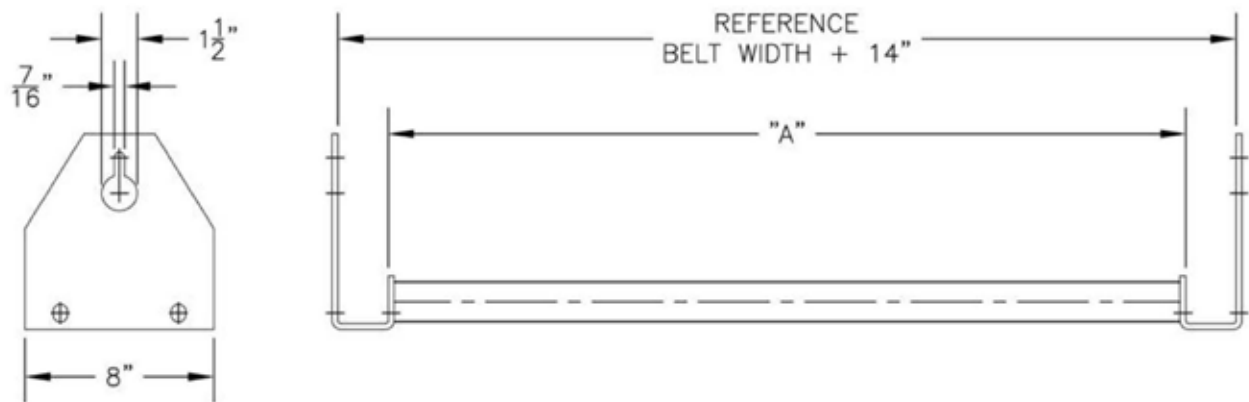
Belt Width	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
30"	346455	39 3/4	-	-
36"	223733	45 3/4	-	-
42"	240966	51 3/4	-	-
48"	215285	57 3/4		
54"	242700	63 3/4		
60"	244370	69 3/4		

*All dimensions are subject to change without notice. Certified prints are available upon request.
For use with 1/4" chain.*

STRUCTURE

Spreaders

2" x 2" & 2"x 3" Tubing (Pin & Cotter)



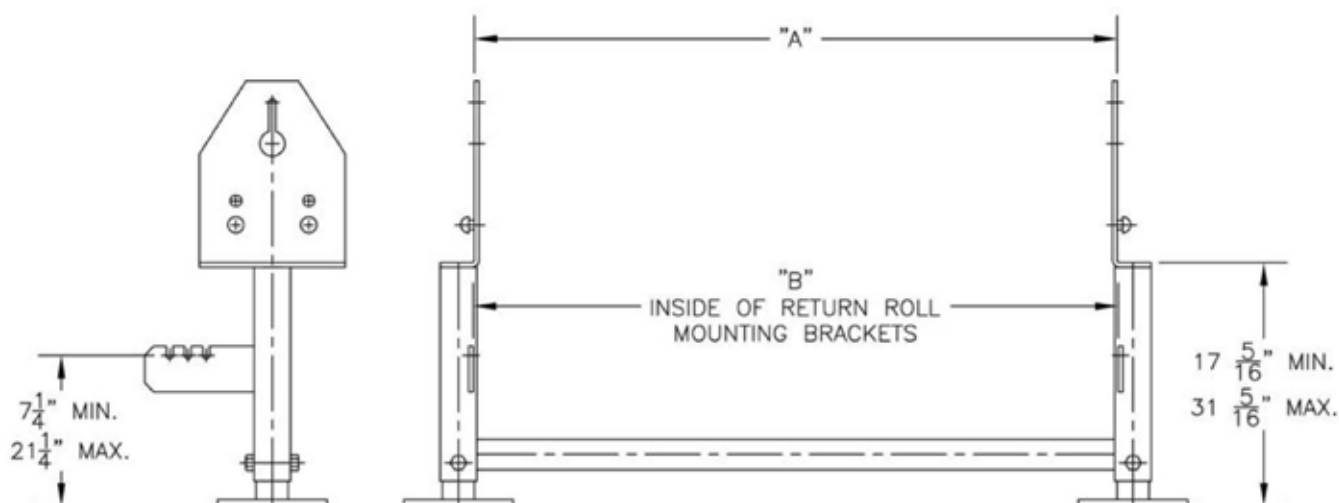
Belt Width	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
30"	346456	39 3/4	-	-
36"	346457	45 3/4	-	-
42"	346458	51 3/4	-	-
48"	346459	57 3/4		
54"	346460	63 3/4		
60"	230166	69 3/4		

All dimensions are subject to change without notice. Certified prints are available upon request.
For use with 5/16" chain.

STRUCTURE

Stands

3" Channel EZEE-LOC



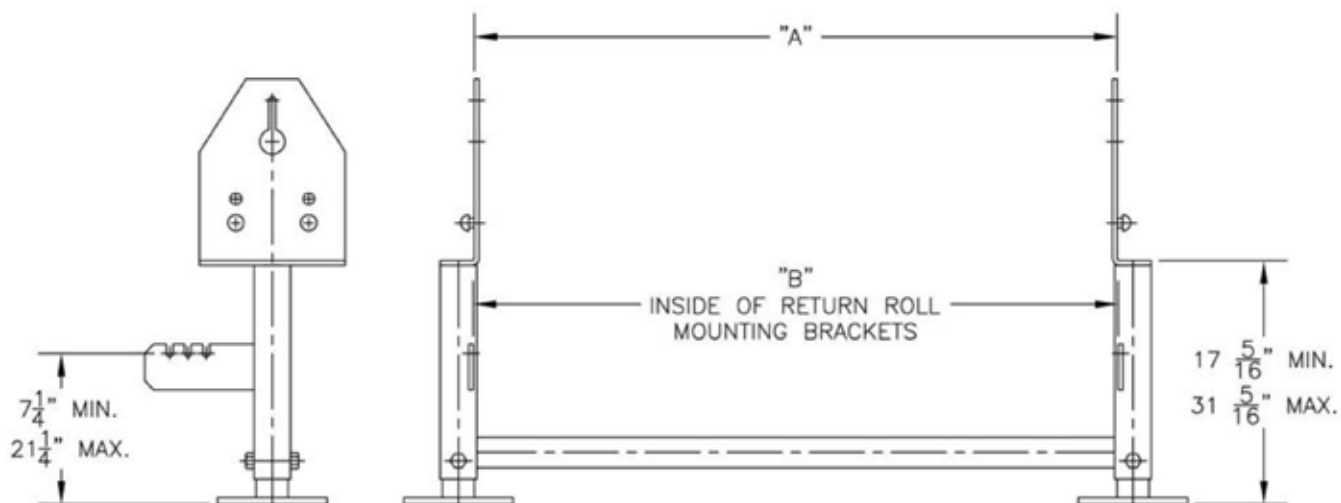
Belt Width	Part Number	Dimensions (inches)		Weight (lbs)	List Price
A	B				
36"	337433	47 1/4	47 3/8	-	-
42"	337435	53 1/4	53 3/8	-	-
48"	337437	59 1/4	59 3/8	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

STRUCTURE

Stands

4" Channel EZEE-LOC



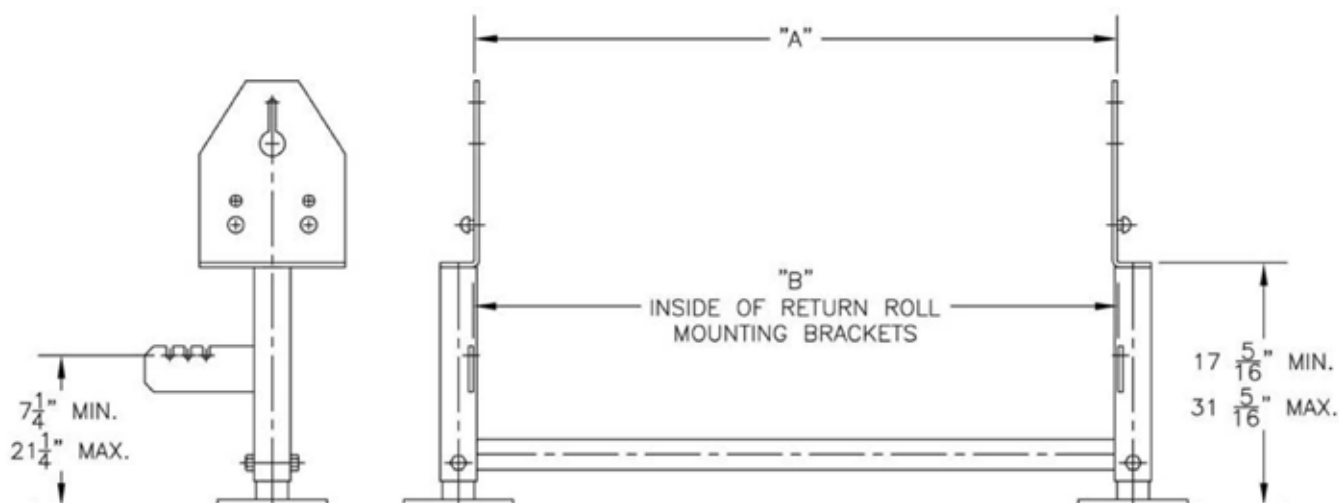
Belt Width	Part Number	Dimensions (inches)		Weight (lbs)	List Price
A	B				
36"	336873	47 1/4	47 3/8	-	-
42"	336874	53 1/4	53 3/8	-	-
48"	336875	59 1/4	59 3/8	-	-
54"	336876	65 1/4	65 3/8	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

STRUCTURE

Stands

5" Channel EZEE-LOC



Belt Width	Part Number	Dimensions (inches)		Weight (lbs)	List Price
A	B				
48"	347495	59 1/4	59 3/8	-	-
54"	347496	65 1/4	65 3/8	-	-
60"	347497	71 1/4	71 3/8	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

STRUCTURE

Stands

5" Channel Rigid Bolted



Belt Width	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
48"	376903	59 1/4	-	-
54"	376905	65 1/4	-	-
60"	376906	71 1/4	-	-

All dimensions are subject to change without notice. Certified prints are available upon request

STRUCTURE

Stands

6" Channel Rigid Bolted



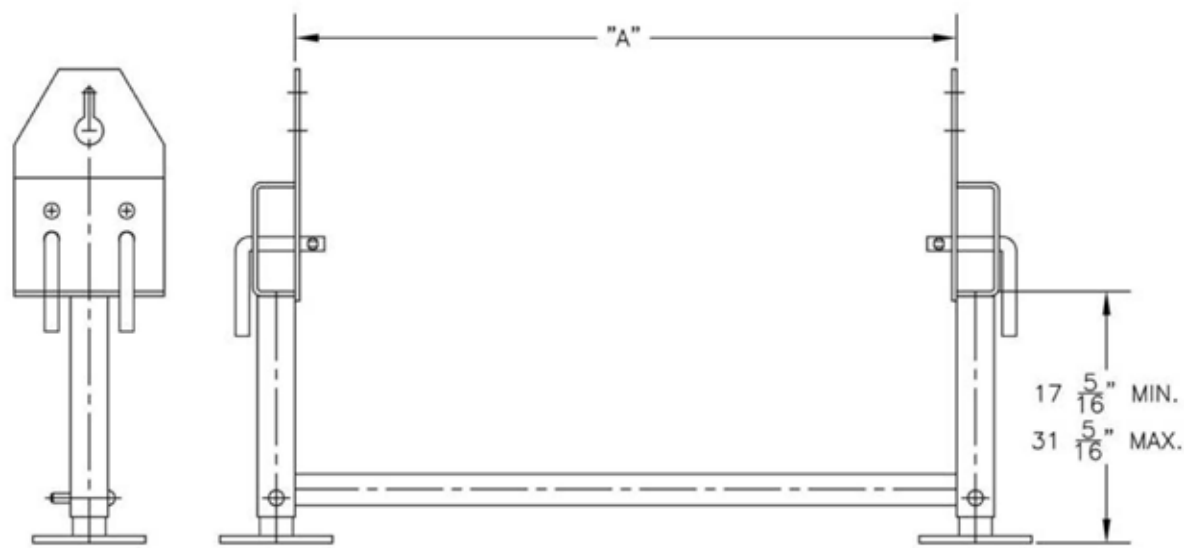
Belt Width	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
48"	376904	59 1/4	-	-
54"	376909	65 1/4	-	-
60"	376910	71 1/4	-	-

All dimensions are subject to change without notice. Certified prints are available upon request

STRUCTURE

Stands

5" Channel Handle & Pin



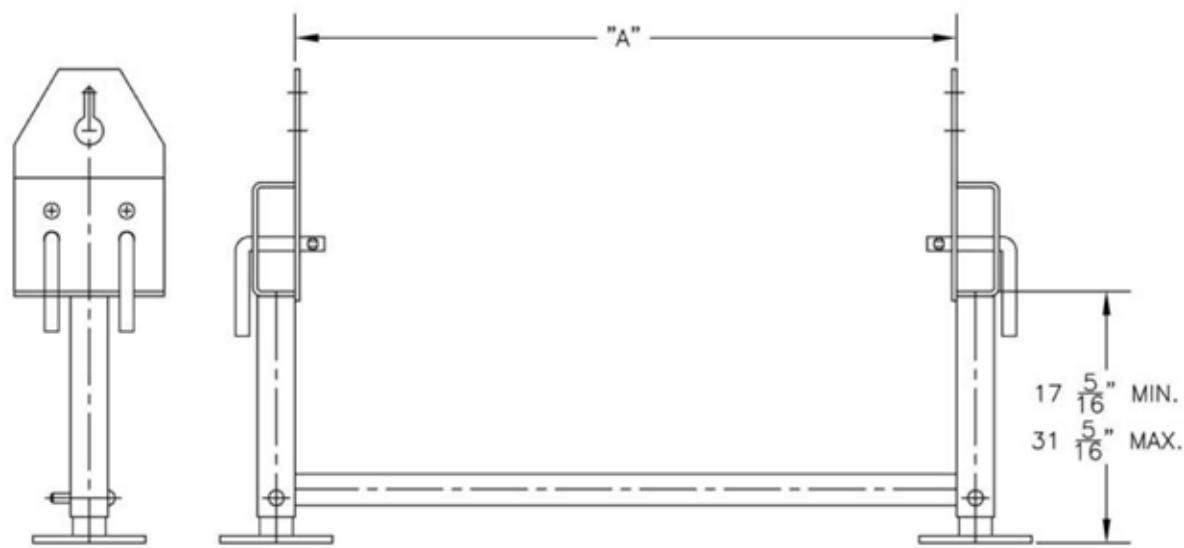
Belt Width	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
48"	389386	59 1/4	-	-
54"	389388	65 1/4	-	-
60"	389389	71 1/4	-	-
72"	389390	83 1/4		

All dimensions are subject to change without notice. Certified prints are available upon request

STRUCTURE

Stands

6" Channel Handle & Pin



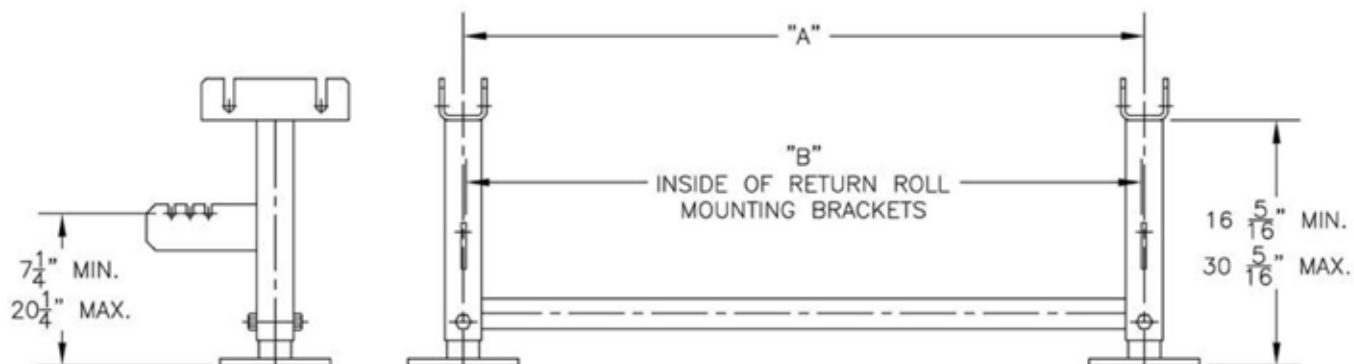
Belt Width	Part Number	Dimensions (inches) A	Weight (lbs)	List Price
48"	377879	59 1/4	-	-
54"	377880	65 1/4	-	-
60"	377881	71 1/4	-	-
72"	377882	83 1/4		

All dimensions are subject to change without notice. Certified prints are available upon request

STRUCTURE

Stands

2" x 2" & 2" x 3" Tubing (Welded Pin)



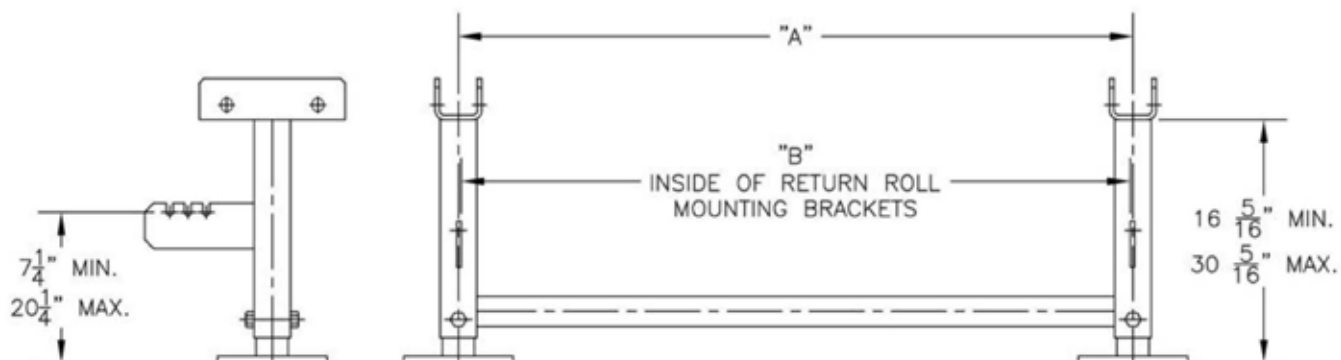
Belt Width	Part Number	Dimensions (inches)		Weight (lbs)	List Price
A	B				
30"	264116	42	41 7/16	-	-
36"	245330	48	47 7/16	-	-
42"	224228	54	53 7/16	-	-
48"	215926	60	59 7/16	-	-
54"	235535	66	65 7/16		
60"	355101	72	71 7/16		

All dimensions are subject to change without notice. Certified prints are available upon request.

STRUCTURE

Stands

2" x 2" & 2" x 3" Tubing (Cotter & Pin)



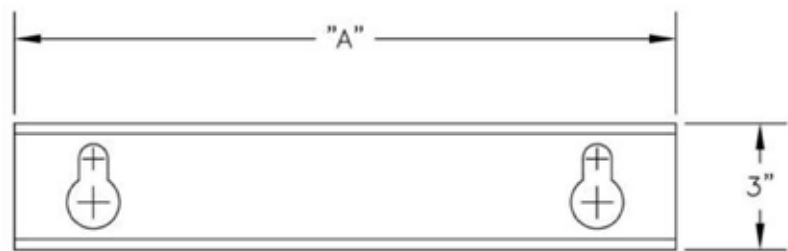
Belt Width	Part Number	Dimensions (inches)		Weight (lbs)	List Price
		A	B		
30"	355116	42	41 7/16	-	-
36"	355117	48	47 7/16	-	-
42"	217174	54	53 7/16	-	-
48"	355118	60	59 7/16	-	-
54"	221746	66	65 7/16		
60"	355119	72	71 7/16		

All dimensions are subject to change without notice. Certified prints are available upon request.

STRUCTURE

Rails

3" Channel EZEE-LOC



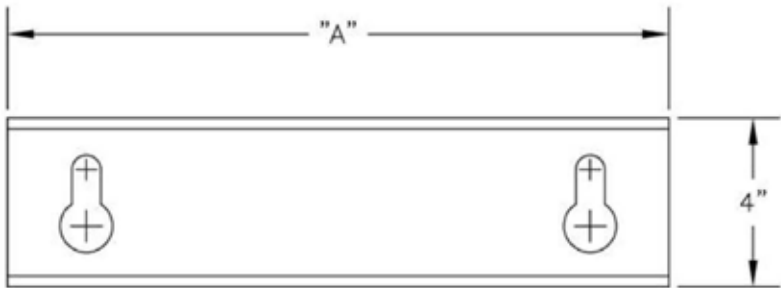
Part Number	Dimensions (inches) A	Weight (lbs)	List Price
300808	7'-11 3/4"	-	-
302123	9'-11 3/4"	-	-
302121	11'-11 3/4"	-	-

All dimensions are subject to change without notice.
Certified prints are available upon request

STRUCTURE

Rails

4" Channel EZEE-LOC



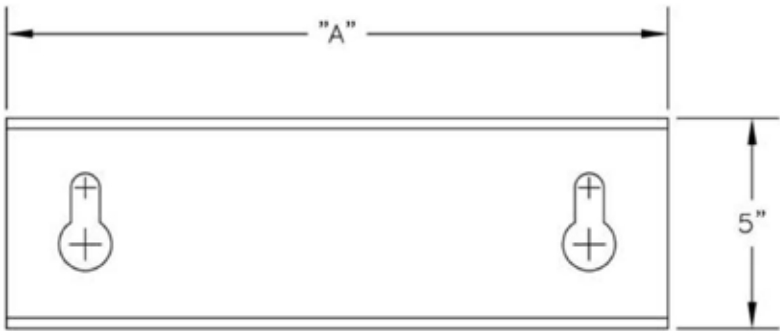
Part Number	Dimensions (inches) A	Weight (lbs)	List Price
334711	7'-11 3/4"	-	-
260050	9'-11 3/4"	-	-
272337	11'-11 3/4"	-	-

*All dimensions are subject to change without notice.
Certified prints are available upon request*

STRUCTURE

Rails

5" Channel EZEE-LOC



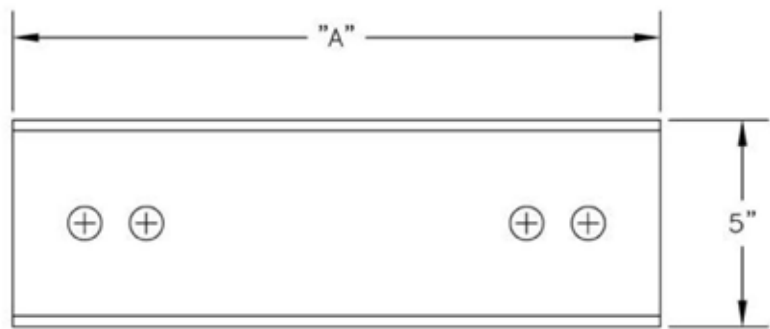
Part Number	Dimensions (inches) A	Weight (lbs)	List Price
334811	7'-11 3/4"	-	-
310943	9'-11 3/4"	-	-
334812	11'-11 3/4"	-	-

*All dimensions are subject to change without notice.
Certified prints are available upon request*

STRUCTURE

Rails

5" Channel Rigid Bolted



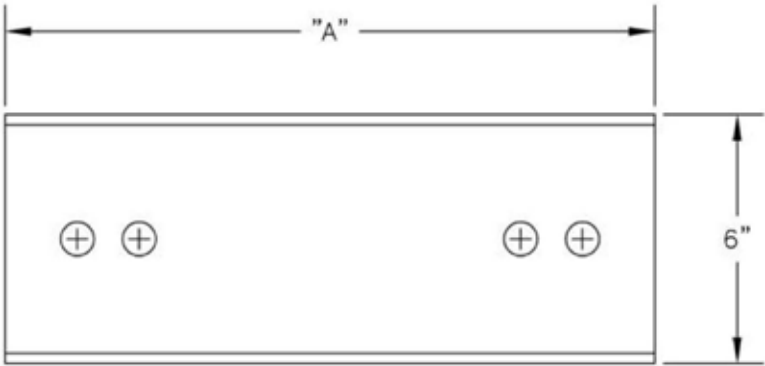
Part Number	Dimensions (inches) A	Weight (lbs)	List Price
331865	7'-11 3/4"	-	-
324814	9'-11 3/4"	-	-
331869	11'-11 3/4"	-	-

*All dimensions are subject to change without notice.
Certified prints are available upon request*

STRUCTURE

Rails

6" Channel Rigid Bolted



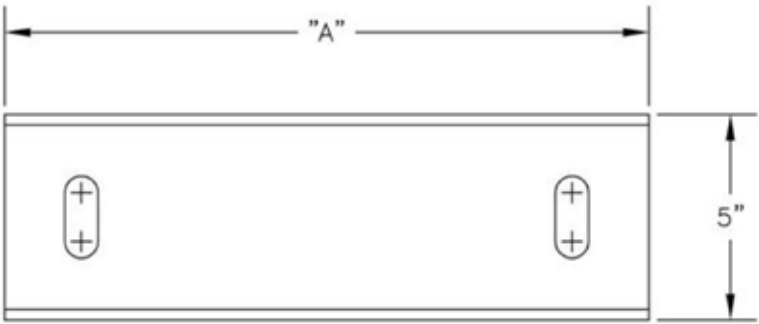
Part Number	Dimensions (inches) A	Weight (lbs)	List Price
334559	7'-11 3/4"	-	-
334561	9'-11 3/4"	-	-
334562	11'-11 3/4"	-	-

*All dimensions are subject to change without notice.
Certified prints are available upon request*

STRUCTURE

Rails

5" Channel Handle & Pin



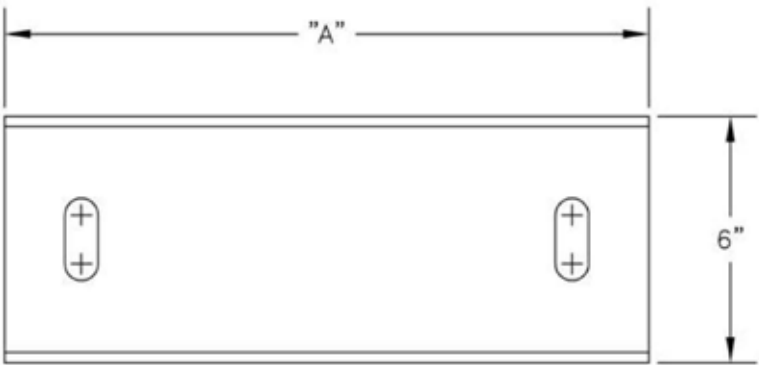
Part Number	Dimensions (inches) A	Weight (lbs)	List Price
333511	7'-11 3/4"	-	-
288568	9'-11 3/4"	-	-
333512	11'-11 3/4"	-	-

*All dimensions are subject to change without notice.
Certified prints are available upon request*

STRUCTURE

Rails

6" Channel Handle & Pin



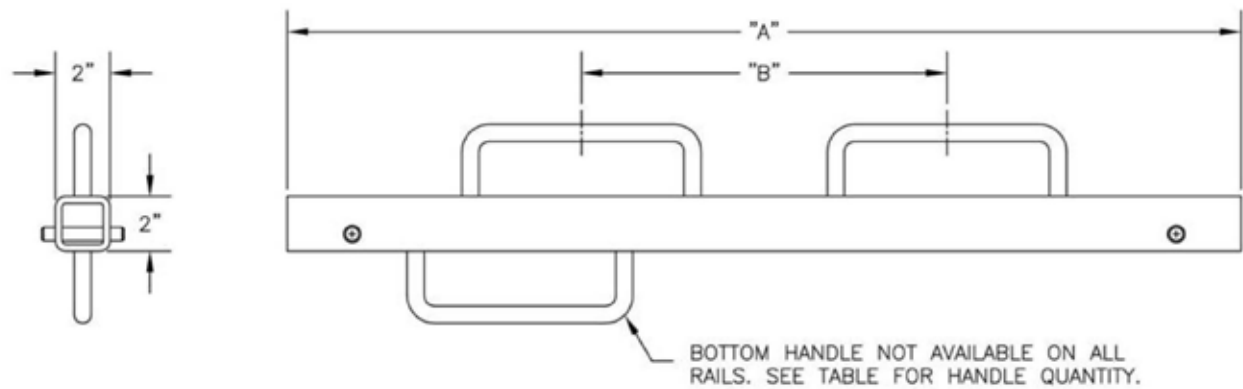
Part Number	Dimensions (inches) A	Weight (lbs)	List Price
333519	7'-11 3/4"	-	-
288090	9'-11 3/4"	-	-
273344	11'-11 3/4"	-	-

*All dimensions are subject to change without notice.
Certified prints are available upon request*

STRUCTURE

Rails

2" x 2" Tubing (Welded Pin)



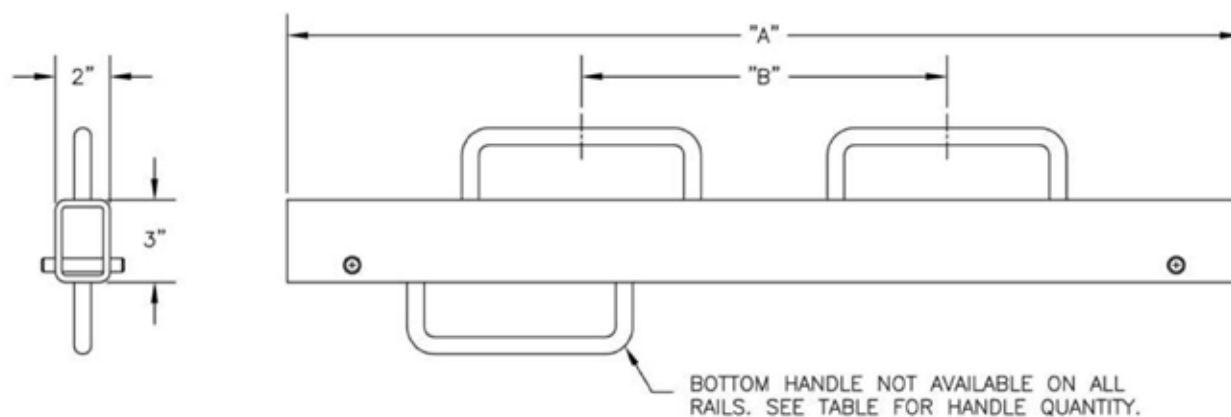
Part Number	Dimensions (inches)		Qty of Handles	Weight (lbs)	List Price
	A	B			
334587	7'-11 3/4"	3'-11 3/4"	2	-	-
228327	9'-11 3/4"	4'-11 3/4"	2	-	-
246547	11'-11 3/4"	5'-11 3/4"	2	-	-
334588	7'-11 3/4"	3'-11 3/4"	3	-	-
239047	9'-11 3/4"	4'-11 3/4"	3	-	-
211848	11'-11 3/4"	5'-11 3/4"	3	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

STRUCTURE

Rails

2" x 3" Tubing (Welded Pin)



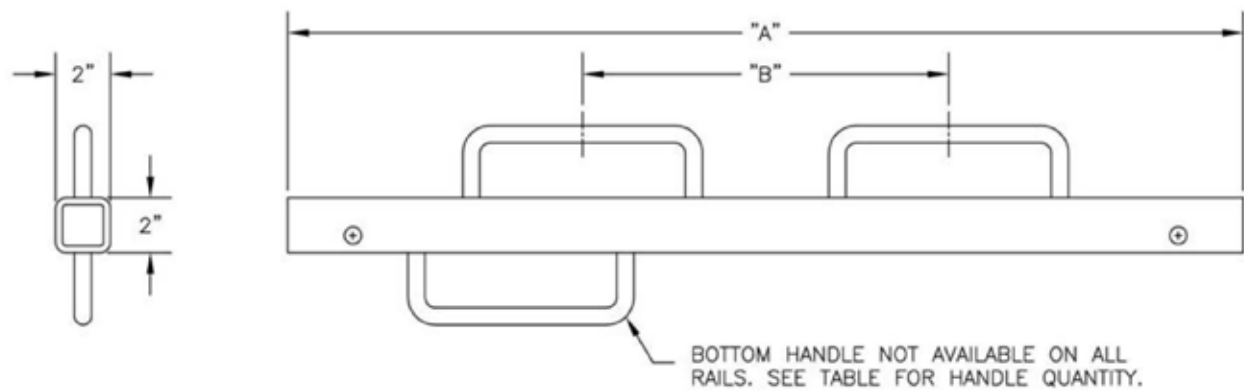
Part Number	Dimensions (inches)		Qty of Handles	Weight (lbs)	List Price
	A	B			
334687	7'-11 3/4"	3'-11 3/4"	2	-	-
231483	9'-11 3/4"	4'-11 3/4"	2	-	-
334688	11'-11 3/4"	5'-11 3/4"	2	-	-
334689	7'-11 3/4"	3'-11 3/4"	3	-	-
334690	9'-11 3/4"	4'-11 3/4"	3	-	-
334691	11'-11 3/4"	5'-11 3/4"	3	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

STRUCTURE

Rails

2" x 2" Tubing (Pin & Cotter)



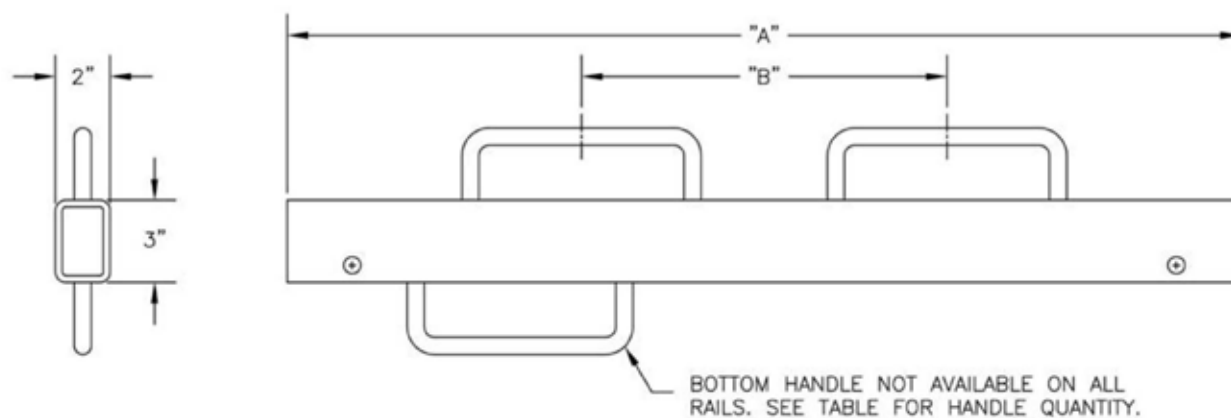
Part Number	Dimensions (inches)		Qty of Handles	Weight (lbs)	List Price
	A	B			
334622	7'-11 3/4"	3'-11 3/4"	2	-	-
248579	9'-11 3/4"	4'-11 3/4"	2	-	-
334623	11'-11 3/4"	5'-11 3/4"	2	-	-
334624	7'-11 3/4"	3'-11 3/4"	3	-	-
224471	9'-11 3/4"	4'-11 3/4"	3	-	-
334625	11'-11 3/4"	5'-11 3/4"	3	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

STRUCTURE

Rails

2" x 3" Tubing (Pin & Cotter)



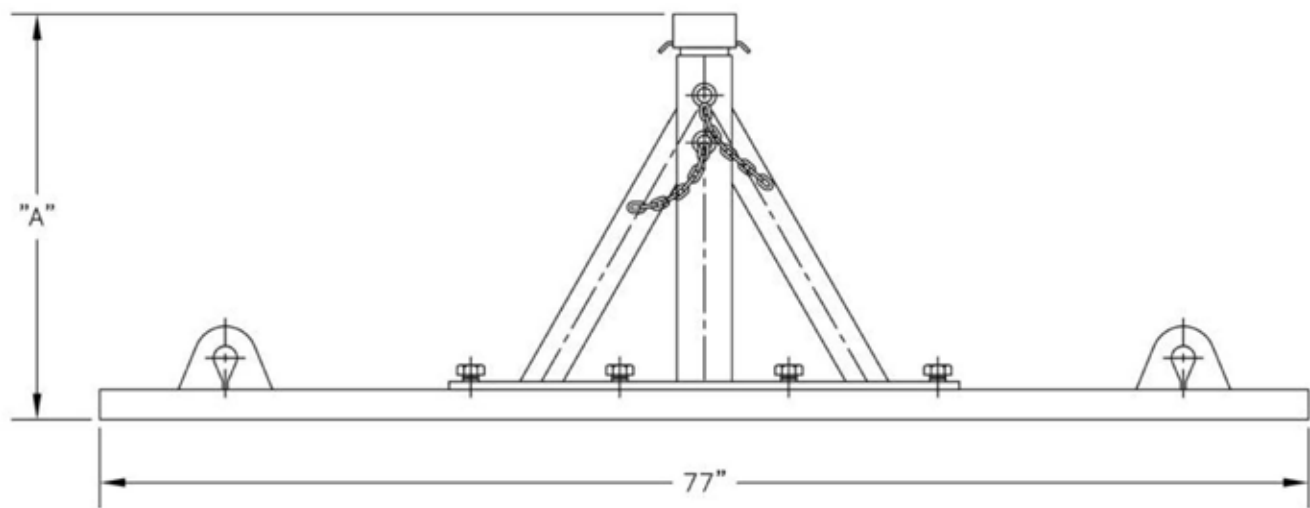
Part Number	Dimensions (inches)		Qty of Handles	Weight (lbs)	List Price
	A	B			
334693	7'-11 3/4"	3'-11 3/4"	2	-	-
232281	9'-11 3/4"	4'-11 3/4"	2	-	-
334696	11'-11 3/4"	5'-11 3/4"	2	-	-
334698	7'-11 3/4"	3'-11 3/4"	3	-	-
242075	9'-11 3/4"	4'-11 3/4"	3	-	-
334699	11'-11 3/4"	5'-11 3/4"	3	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

STRUCTURE

Adjustable Stands

Tie-Off Wire-Rope



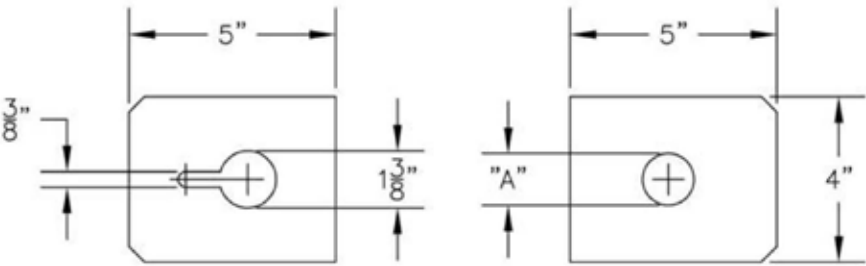
Part Number	Dimensions (inches)		Weight (lbs)	List Price
	A min.	A max.		
276956	24	36	-	-
271136	32	48	-	-

All dimensions are subject to change without notice. Certified prints are available upon request

STRUCTURE

Roof Plates

1/4" Chain



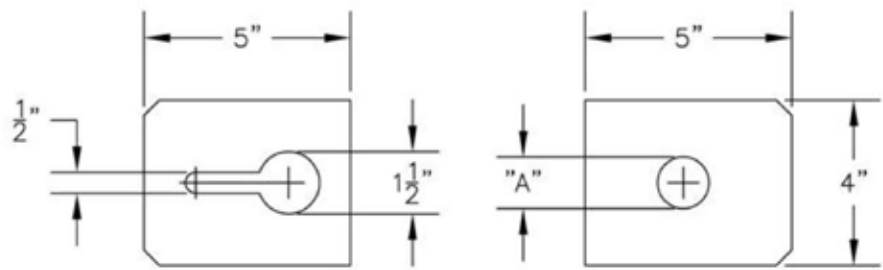
Part Number	Dimensions (inches) A	Weight (lbs)	List Price
223140	3/4	-	-
246787	1	-	-
213551	1 1/4	-	-
242648	1 1/2	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.
For use with 1/4" Chain.

STRUCTURE

Roof Plates

5/16" Chain



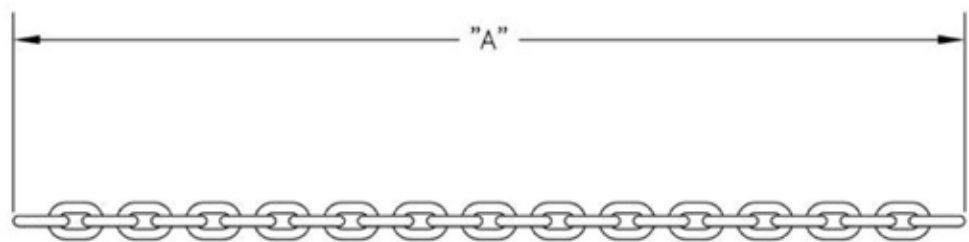
Part Number	Dimensions (inches) A	Weight (lbs)	List Price
267477	3/4	-	-
239076	1	-	-
267479	1 1/4	-	-
267480	1 1/2	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.
For use with 5/16" Chain.

STRUCTURE

Chains

1/4"



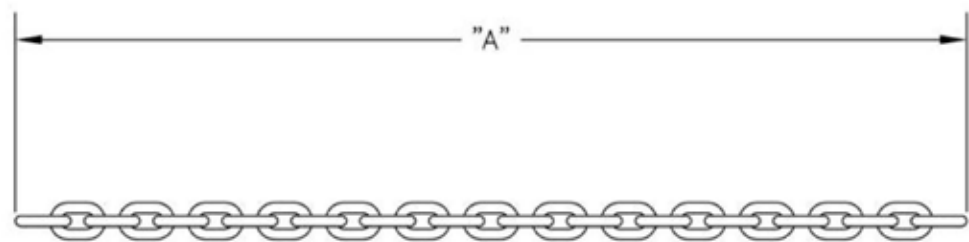
Part Number	Dimensions (feet) A	Weight (lbs)	List Price
208650	4	-	-
244458	5	-	-
231598	6	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

STRUCTURE

Chains

5/16"



Part Number	Dimensions (inches) A	Weight (lbs)	List Price
222516	5	-	-
216997	6	-	-

All dimensions are subject to change without notice. Certified prints are available upon request.

Section 3

Pulleys

Engineered Class Pulleys

Improve your pulley performance by selecting a Cat Engineered Class Pulley. Our Engineered Class Pulleys are designed to yield higher reliability and longer life. Our team applies full motor horsepower and full take up force in our pulley designs. Also by using A53 grade pipe we eliminate the need for stiffeners or center discs. Other Caterpillar engineering standards include but are not limited to the use of: keyless locking elements, machined rims and end discs, along with statically balancing each pulley for optimum performance. Please submit your pulley application data today.



Pulley Application Data

Contact Information

Your Name	Date
Company	Phone No.
Address	Fax No.
	Email
	Project

Application Data

Belt ☐ Fabric ☐ Steel Cable ☐ Other _____ Belt Width _____ in (inches)

Take Up ☐ Mechanical / Screw ☐ Gravity ☐ Hydraulic ☐ Other _____

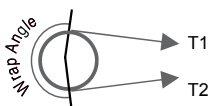
Drive _____ hp (horse power) Belt Speed _____ fpm (feet per minute)

Take Up Tension _____ lbs. (pounds) Capacity _____ tph (tons per hour)

Conveyor Length _____ ft (feet) Overall Lift _____ ft (feet)

Material _____ Commissioning Date _____

Application Chart

Conveyor Number					
Pulley Location (Drive, Tail, Take Up, etc.)					
Pulley Quantity					
Pulley Type (Drum, Wing, Spiral, etc.)					
Pulley Diameter					
Pulley Face Width					
Crown / Straight Face					
Lagging Thickness / Type (HB, Plain, etc.)					
Locking Element Type (XT, QD, B-Loc)					
Locking Element Size (inch or mm)					
Bearing Centers					
Bearing Size					
Shaft Length					
Wrap Angle (Angle of Contact ____ °)					
T1 Tension					
T2 Tension					
					

Section 4

Technical

Technical Guides	
Troubleshooting	374
Alignment	377
Conveyor Stringer Alignment	377
Pulley and Shaft Alignment	379
Reducer / Motor Base Installation Tolerances	381
Idler Alignment	382
Belt Alignment	382



Technical Guide

Issue or Symptom	Solution Code (In Probable Order of Occurance)					
Belt runs off at tail pulley	7	15	14	17	21	34
Entire belt runs off at all points of the line	26	17	15	21	4	16
One belt section runs off at all points of the line	2	11	1	34	-	-
Belt runs off at head pulley	15	22	21	16	34	-
Belt runs to one side throughout entire length at specific Idlers	15	16	21	34	-	-
Belt slip	19	7	21	14	22	-
Belt slip on starting	19	7	22	10	-	-
Excessive belt stretch	13	10	21	6	9	-
Belt breaks at or behind fasteners or fasteners tear loose	2	23	13	22	20	10
Vulcanized splice separation	13	23	10	20	2	9
Excessive belt wear including rips, gouges, ruptures and tears	12	25	17	21	8	5
Excessive belt bottom cover wear	21	14	5	19	20	22
Excessive belt edge wear, broken edges	26	4	17	8	1	21
Belt cover swells in spots or streaks	8	-	-	-	-	-
Belt hardens or cracks	8	23	22	18	-	-
Belt covers become checked or brittle	8	18	-	-	-	-
Longitudinal grooving or cracking of belt top cover	27	14	21	12	-	-
Longitudinal grooving or cracking of belt bottom cover	14	21	22	-	-	-
Belt fabric decay, carcass cracks, ruptures, gouges (soft spots)	12	20	5	10	8	24
Belt ply separation	13	23	11	8	3	-
Build up on Bend Pulleys and return Idlers	32	33	8	22	-	-
Spillage of fines and small particles in loading area	27	28	17	12	30	-
Spillage of larger particles and lumps along conveyor	15	20	30	31	35	-
Plugged chutes	35	33	34	31	-	-
Damage to accessories in contact with the belt	31	2	11	-	-	-

CEMA Belt Conveyors for Bulk Materials 6th Edition - reference: Technical Guide pages 375 & 376 for Cause and Solutions

Technical Guide

Cause (1–16)		Solution (1–16)
1	Belt bowed	Avoid telescoping belt rolls or storing them in damp locations. A new belt should straighten out when “broken in” or it must be replaced.
2	Belt improperly spliced or wrong fasteners	Use correct fasteners. Retighten after running for a short while. If improperly spliced, remove belt splice and make new splice. Set up regular inspection schedule.
3	Belt speed too fast	Reduce belt speed.
4	Belt strained on one side	Allow time for new belt to “break in”. If belt does not break in properly or is not new, remove strained section and splice in a new piece.
5	Breaker strip missing or inadequate	When service is lost, install belt with proper breaker strip.
6	Counterweight too heavy	Recalculate weight required and adjust counterweight accordingly. Reduce take up tension to point of slip, then tighten slightly.
7	Counterweight too light	Recalculate weight required and adjust counterweight or screw take up accordingly.
8	Damage by abrasives, acid, chemicals, heat, mildew, oil	Use belt designed for specific condition. For abrasive materials working into cuts and between plies, make spot repairs with cold patch or with permanent repair patch. Seal metal fasteners or replace with vulcanized step splice. Enclose belt line for protection against rain, snow, or sun. Don’t over-lubricate items.
9	Differential speed wrong on dual pulleys	Make necessary adjustment.
10	Drive under-belted	Recalculate maximum belt tensions and select correct belt. If line is overextended, consider using two-flight system with transfer point. If carcass is not rigid enough for load, install belt with proper flexibility when service is lost.
11	Edge worn or broken	Repair belt edge. Remove badly worn or out-of-square section and splice in a new piece.
12	Excessive impact of material on belt or fasteners	Use correctly designed chutes and baffles. Make vulcanized splices. Install impact idlers. Where possible, load fines first. Where material is trapped under skirts, adjust skirt-boards to minimum clearance or install cushioning idlers to hold belt against skirts.
13	Excessive tension	Recalculate and adjust tension. Use vulcanized splice within recommended limits.
14	Frozen idlers	Free idlers. Improve maintenance.
15	Idlers or pulleys out-of-square with center line of conveyor	Realign. Install limit switches for greater safety.
16	Idlers improperly placed	Relocate idlers or insert additional idlers spaced to support belt.

Technical Guide

Cause (17–35)		Solution (17–35)
17	Improper loading, spillage	Feed should be in direction of belt travel and at belt speed, centered on the belt. Control flow with feeders, chutes, and skirt-boards.
18	Improper storage or handling	Refer to the manufacturer for storage and handling tips.
19	Insufficient traction between belt and pulley	Increase wrap with snub pulleys. Lag drive pulley. In wet conditions, use grooved lagging. Install correct cleaning devices for safety. Reference Item 7 in this Technical Guide.
20	Material between belt and pulley	Use skirt-boards properly. Remove accumulations. Improve maintenance.
21	Material build-up	Remove accumulation. Install cleaning devices, scrapers, and inverted “V” decking. Improve housekeeping.
22	Pulley lagging worn	Replace worn pulley lagging. Use grooved lagging for wet conditions. Tighten loose and protruding bolts.
23	Pulley too small	Use large diameter pulleys
24	Radius of convex vertical curve too small	Increase radius by vertical realignment of idlers to prevent excessive edge tension.
25	Relative loading velocity too high or too low	Adjust chutes or correct belt speed. Consider use of impact idlers.
26	Side loading	Load in direction of belt travel, in center of conveyor.
27	Skirts improperly placed or not maintained	Install skirt-boards so they do not rub against the belt.
28	Wear liners missing, worn or improperly installed	Replace wear liners so the bottom edge is lined up and gradually relieving in direction of belt travel.
29	Belt overload	Operate belt feed system at design capacity or less.
30	Excessive belt sag	Recalculate take up tension. Install belt support systems or reduce idler spacing.
31	Belt roll back at shut down	Install or repair belt holdback or brake.
32	Insufficient number of belt cleaners or lack of maintenance	Install additional belt cleaners or maintain existing cleaners more frequently.
33	Bulk material properties have changed	If a permanent change in bulk materials, redesign chutes, belt cleaners and re-evaluate conveyor speed, tension and belt type.
34	Emergency repairs or actions	Repair temporary fixes. Install accessory items to automatically activate. Avoid heating or hammering of hoppers, chutes and components.
35	Monitoring device inoperable	Repair or activate monitoring devices.

Technical Guide

Alignment

A trouble-free belt conveyor operation is the product of three properly executed stages of development followed by an effective maintenance program;

- Design
- Manufacturing
- Installation

Less than satisfactory performance in any of these developmental stages will negatively impact all others, resulting in unanticipated operating problems.

Utilizing CEMA standards and *Belt Conveyors for Bulk Materials 6th Edition*, which addresses many of the design and maintenance considerations critical to proper operation, we have reproduced the following minimal standards for acceptable tolerances for structure and mechanical erection and installation of belt conveyors. In addition, it will provide helpful suggestions that can be utilized to meet or exceed these standards.

NOTES:

1. It is important that ANSI lockout procedures be followed when making adjustments to bring conveyor machinery into tolerance (ref.: ASME B15.1, B 20.1, and ANSI Z244.1).
2. All mechanical tolerances and benchmarks should be documented by millwrights.

Conveyor Stringer Alignment

Trusses and channel frame conveyor stringers must be installed parallel, straight, square, and level to allow proper belt training. During installation, dimensional check shall be made to insure that the following tolerances in the Idler carrying assembly chords are not exceeded.

NOTE:

These tolerances are guidelines for design / manufacture to facilitate proper idler and belt alignment in accordance of the Idler Alignment section of this Technical Guide. The overriding issue is Idler and belt alignment as opposed to structural alignment.

Parallel

A maximum tolerance of $\pm 1/8$ inch shall be allowed for the back to back dimension in channel frame or angle stringers. Similarly, $\pm 1/8$ inch shall be allowed between webs of I-beams, wide flange beams, or tees when used as truss chords (Figure TG.1).

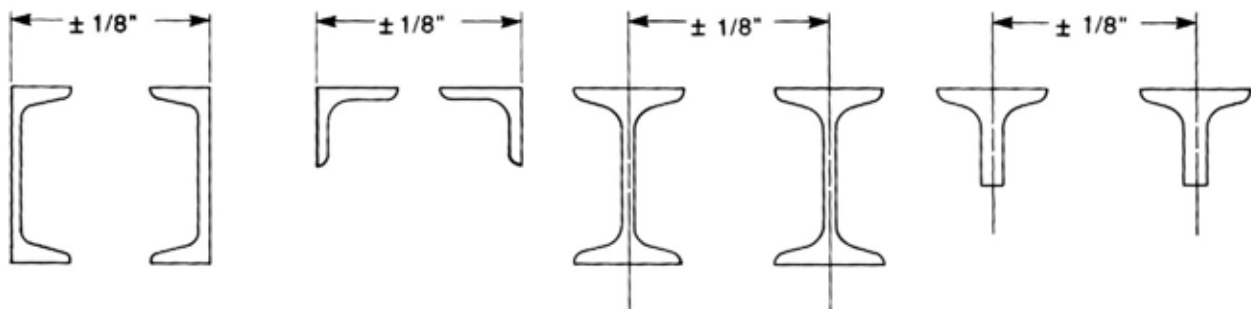


Figure TG.1 Maximum tolerance for back to back parallel dimension

Technical Guide

Conveyor Stringer Alignment (Cont.)

Straightness

The maximum allowable lateral offset in conveyor stringers shall be 1/8 inch in 40 feet of length (Figure TG.2).

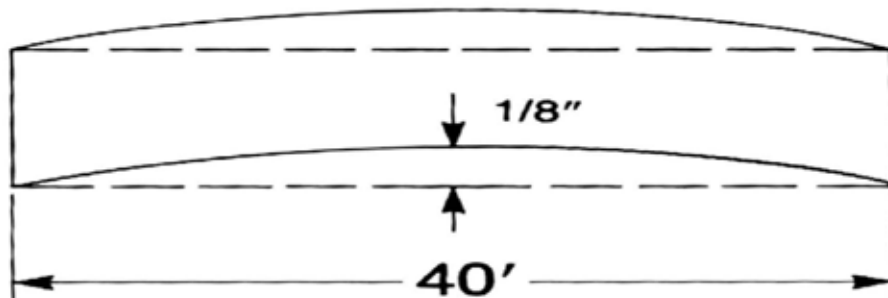


Figure TG.2 Maximum allowable lateral offset in stringers

Squareness

A check on squareness can be made by comparing diagonal measurement between Idlers (Figure TG.3).

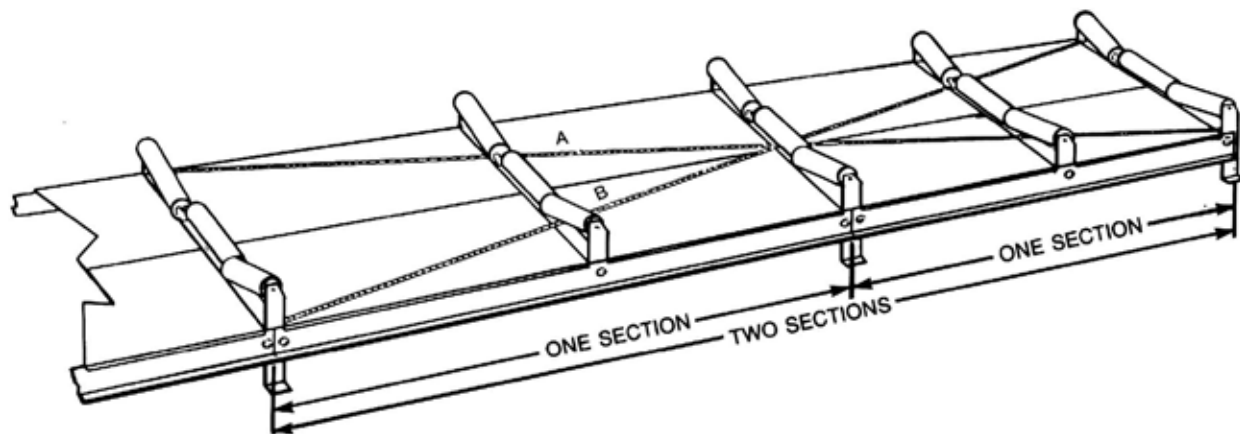


Figure TG.3 Conveyor frame and idler alignment

Lines A and B must be within 1/8 inch to assure conveyor frame squareness. Return Idlers should, likewise, be installed level and parallel to the head and tail pulleys.

Technical Guide

Conveyor Stringer Alignment (Cont.)

Level

The two Idler support members shall be level within 1/8 inch regardless of belt width. In addition, the elevation of stringer above support structure shall be held within +/- 1/4 inch (Figure TG.4).

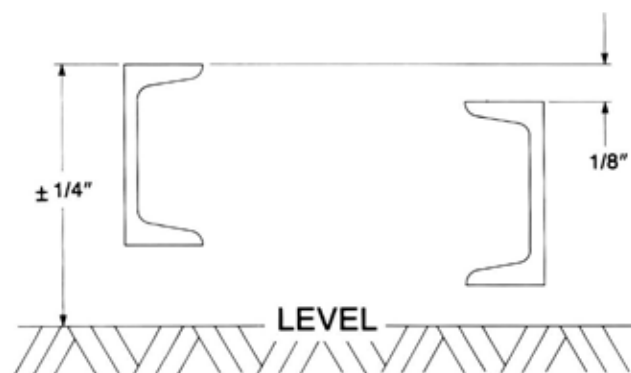


Figure TG.4 Idler support members level requirements

NOTE: Designers and Fabricators must compensate for mill tolerances of members to satisfy these requirements.

Pulley and Shaft Alignment

Except for special purpose applications (such as turnover exit), all belt conveyor pulleys should be set level, and the shaft centerline should be perpendicular to the centerline of the belt. Significant departure in alignment will result in unnecessary thrust load on bearings, accelerated and uneven pulley lagging wear, and belt training problems.

It is most convenient to field align pulleys after supporting steel is secured and before belting is installed. After alignment, it is good practice to match mark bearing housing and supporting steel to enable realignment if disturbed for any reason. Intentional misalignment should not be used as a means to counteract other misalignments forces for training the belt.

Because of pulley manufacturing tolerances, alignment measurements should be taken on the shaft and not on pulley elements. By use of adjustable bearing stops (commonly supplied by the conveyor manufacturer) and full bearing surface shim packs (commonly supplied by the erector), the following alignment tolerances can be reasonably achieved: Using a level and checking both sides of the pulley, shaft elevations at the bearing should be set within 1/32 of an inch (Figure TG.5).



Figure TG.5 Shaft elevation settings

Technical Guide

Pulley and Shaft Alignment (Cont.)

Measuring from a line constructed perpendicular to the conveyor centerline, the shaft centerline should not deviate greater than $\pm 1/32$ of an inch at the bearing (Figure TG.6). Because of pulley locations and access thereto, it is common practice to utilize offset lines and plumb bobs to make these measurements.

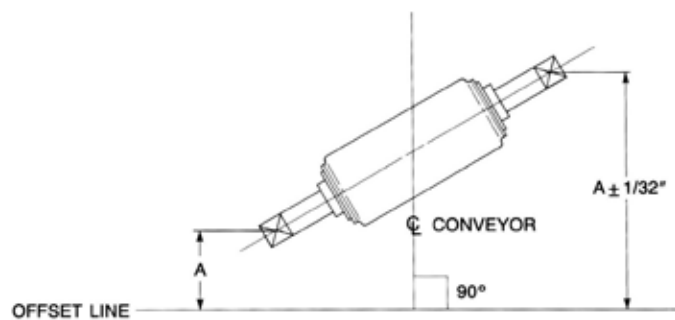


Figure TG.6 Shaft alignment with conveyor centerline

When pulleys are mounted on shafts by the equipment supplier, they shall be secured to the shaft in accordance with the recommended practice of the locking element manufacturer. When supplied separately, they should be located on the shaft $\pm 1/8$ of an inch of the position shown on the drawings.

If pulleys and shafts are field assembled or repositioned, pulley manufacturer recommendations must be followed to avoid dishing of end discs and residual end disc pre-stress.

With some locking elements, it may be necessary to check and tighten clamping bolts several times to insure security of hub and shaft assembly. Manufacturers' recommendations should be followed with regard to checks and bolt torques.

Pulleys, shafts, bearings, and supporting steel may be shipped in various degrees of preassembly. Due to manufacturing and erection tolerances, final bearing setting should be done in the field after supporting steel has been secured.

Procedures and tolerances for bearing setting should be obtained from the bearing manufacturer's catalogs. Improper settings of both fixed and expansion type bearings may result in thrust pre-load, causing premature bearing failure.

Technical Guide

Reducer/Motor Base Installation Tolerances

Characteristics of all operation mechanical apparatus, correct manufacturing and installation alignment tolerances are necessary to prolong operating life and prevent unnecessary breakdowns. Also, since many reducer manufacturers do not factory oil their reducers, it is imperative that oil levels be checked and maintained by field personnel. Reducer / motor base installation guidelines generally fall into two categories, concrete or structural steel. Either should be sufficiently rigid to minimize vibration and to maintain alignment between the motor and the driven equipment within the manufacturer's recommended tolerances. Base application information may apply to either motors or reducers, or to both in combination.

Fabricated Structural Bases

Structural bases require a surface which, if not flat, can be shimmed to proper position in the structure, using 0.003 inch to 0.005 inch shim packs. After the base plate is secured, flatness should be verified and shims added if necessary.

Concrete Supports

Concrete foundation-type supports are normally the most rigid and secure. However, the installation must be correct within certain limitations to provide acceptable tolerances in the final arrangement with a minimum of shimming. Sole plates can provide a means of adjusting and aligning the motors and reducers or common bedplate to an acceptable tolerance prior to final grouting. Reducer and motor mounting plate surface should be flat to tolerances acceptable to the manufacturer. The bottom of the sole plate needs no tolerance requirement inasmuch as the grout provides a full bearing surface.

If the output from the reducer is direct-coupled to a driven unit, the reducer shaft centerline should be held to a minus tolerance only, which would allow shimming by the erector if required. The same is true of the motor shaft in relation to the reducer input shaft.

It is mandatory that alignment check be made after installation is complete, but before operations. Misalignment should be no more than 50 percent of the misalignment tolerance allowed by the manufacturer of the coupling being aligned.

Structural Steel Supports

Although combination fabricated structural bases are normally built as a unit, it is not always necessary to provide continuous support in the structural steel below the units; however, it is necessary to provide an integrated and sufficiently rigid connection between reducer base and support steel to accommodate every bolt hole.

The supporting structure must minimize deflection and distortion under load, preventing warping of the motor/reducer base and subsequent unacceptable misalignment.

Technical Guide

Idler Alignment

The objective in aligning Idlers is to achieve settings which are square and in line to the conveyor centerline and parallel to each other, as shown in Figure TG. 7.

Idlers shall be set from previously squared and leveled terminal pulley (preferably the discharge pulley, although this is not essential). The suggested method is to use laser alignment techniques to establish a datum line. Alternately, use a tight wire on the conveyor centerline or offset to it, stretched to from a true centerline reference. This line should be at least 100 feet long and reference to the squared starting pulley.

Idlers shall be placed at design spacing and square to the line. After a span of about 50 feet has been filled with idlers, the 100 foot line shall be relocated so that there is a 50 foot overlap on the first position. Repositioning of the laser or tight wire should continue until the entire conveyor length is filled with idlers.

Belt Alignment

Belt training is usually minimized if:

- Conveyor has been installed straight and level with the tolerances stated in this Technical Guide
- All pulleys and Idlers are squared with the conveyor centerline
- Belt splices are correct and square
- There are no defects in the conveyor belting
- All Idler rolls turn freely

However, all these conditions are rarely present concurrently, and some training of the belt is usually required.

NOTE: Belt training should be supervised by one person to insure consistency in adjustments.

Training the belt is a process of adjusting Idlers and the method of loading in a manner that will correct any tendency of the belt to run off to one side or the other.

When the belt continues to run off consistently over a fixed length of conveyor, the cause is probably in the alignment or leveling of the conveyor structures, Idlers, or pulleys in that area. If one or more segments of the belt run off at all points along the conveyor, the cause is more likely the belt itself, a splice, or the method of loading. When a belt is loaded off center, the lightly loaded edge will rise on the inclined Idler roll that it contacts.

All pulleys should be level and at 90 degrees to the centerline of the conveyor. They should be maintained this way and never shifted to train the belt.

Training the belt with the troughing Idlers is accomplished by shifting the Idler axis with respect to the path of the belt, commonly known as knocking Idlers. This method is effective when the entire belt runs to one side along a fixed length of the conveyor. The belt can be centered by knocking ahead (in the direction of belt travel) the end of the idler to which the belt runs (Figure TG.7).

Technical Guide

Belt Alignment (Cont.)

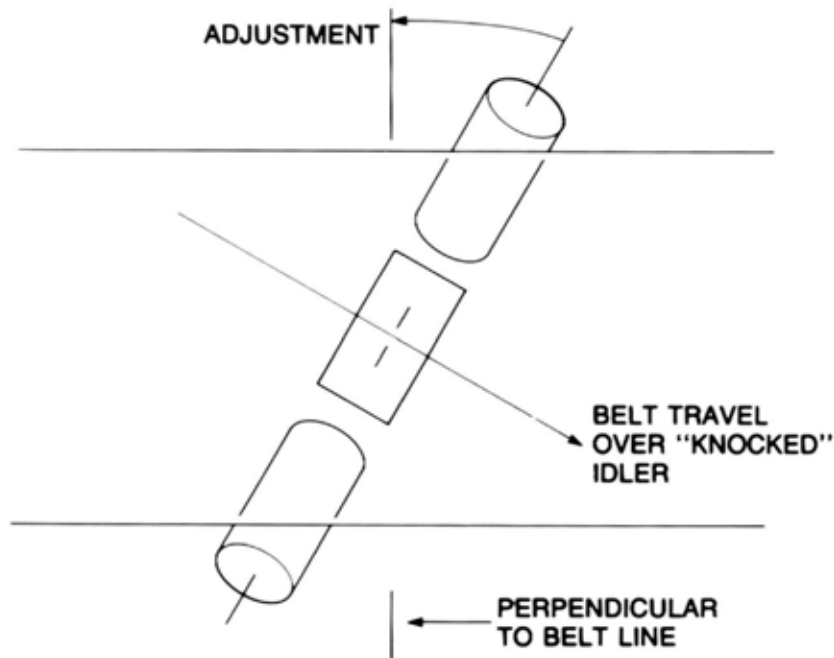


Figure TG.7 Correcting belt alignment

Shifting Idlers in this manner should be spread over a length of conveyor preceding the region of trouble. In no event shall any Idler be shifted in more than 1/4 inch in any direction from its squared position.

NOTE: Compensation by Idler knocking may have adverse effects on reversible belts; therefore, avoid knocking on reversible belts. Instead, use extreme care in initial alignment.

A belt might be made to run straight with half the Idlers knocked one way and half the other, but this would increase rolling friction between the belt and idlers. For this reason, all Idlers must be initially squared with the path of the belt in accordance with the Idler Alignments section of this Technical Guide, and minimum shifting should be used for training. If the belt is over-corrected by shifting Idlers, it should be resorted by moving the knocked Idlers, not by shifting additional Idlers in the other direction.

Technical Guide

Belt Alignment (Cont.)

EMPTY RUN-IN

The conveyor belt should first be aligned (trained) without material load. Most alignment problems, with the exception of off-centered loading, will be detected during this empty run-in period.

After ensuring that all elements have been aligned true as stipulated in the Idler Alignment Section of this Technical Guide, the belt should be slowly inched along to provide indication of where the corrections of the types described may be required. The first corrections must be those at points where the belt is in danger of being damaged. Once the belt is clear of all danger points, a sequence of training operations can be followed.

The best procedure to use in the training sequence is to start with the return run and work toward the tail pulley. This ensures early centering of the belt on the tail pulley so that it can be centrally loaded. Normally the belt can be trained properly onto the tail pulley by manipulation of the return Idlers.

With the empty belts trained satisfactorily, good operation with load is usually assured. Disturbances that appear with load are then usually due to off-center loading or to accumulation of material on snub pulleys and return Idlers.

If all corrective measures have been applied, and a particular section of belt continues to run to one side along the entire conveyor length, it can be concluded that the belt may be cambered at that point or may have a splice that is not properly squared. The only corrective measure for non-squared splice is to re-splice. On the other hand, slight camber in a belt may remove itself after an adequate run-in period under load.

FULL LOAD RUN-IN

A belt may be considered properly aligned if after eight hours of continuous operation under full design load, the belt edges remain within the width of the pulley face. Also when extra wide face pulleys are used, a further criterion that the belt runs within the confines of the normal troughing, or return, idler should be followed.

NOTE: Disc return Idlers shall be exempt from the above as the standard roll faces supplied are approximately equal to the belt width. In this case, the belt shall be made to track with 1-1/2 inches of the conveyor centerline. Idler brackets shall not restrict this movement.

To obtain the above alignment under load, it will be necessary to ensure that the load is centered and that all belt scrapers, plows, and skirt seals exert uniform pressure on the belt. Minor adjustments can be made to these devices to improve tracking.

Carrying and return training Idlers should be considered in correcting belt alignment problems before rejecting the belting or splice.

Technical Guide

Belt Alignment (Cont.)

FULL LOAD RUN-IN (Cont.)

Helpful Hints:

- One person should be responsible for training belts. This person should supervise all adjustments
- Periodically check the conveyor to be sure it is level. This requirement is apparent if the conveyor becomes misaligned with no apparent change in loading
- After the belt is run in, an electrician should take readings on voltage, amperes, and wattage. This information can be used for future comparison and quick trouble check. (Higher readings in the future may indicate excessive drag due to belt misalignment or frozen belt Idler rolls).
- Do not over train the belt. Overtraining will result in increased belt cover wear and increased power consumption.

Appendix

APPENDIX	
Conversion Factors	A
Purchase Agreement.....	B
Notes	C



Conversion Factors

English			SI (METRIC)		
1.0000	lbf	force	=	4.4482	newtons, N
1.0000	lbs	mass	=	0.4536	kilograms, kg
1.0000	ft	length	=	0.3048	meters, m
1.0000	ft/min	velocity	=	0.0051	meters / sec, m / s
1.0000	lbs / ft	mass per length	=	1.4882	kilogram / meter, kg / m
1.0000	ft / sec	acceleration	=	0.3048	meters / sec ² , m / s ²
1.0000	ft ²	area	=	0.0929	meters ² , m ²
1.0000	ft ³	volume	=	0.0283	meters ³ , m ³
1.0000	hp	power	=	745.69	watts, W

Acceleration due to Gravity = 32.17 ft / sec² or 9.81 m / s²

SI (METRIC)			ENGLISH		
1.0000	N	force	=	0.2248	pounds force, lbf
1.0000	kg	mass	=	2.2046	mass, lbs
1.0000	m	length	=	3.2803	length, ft
1.0000	m / s	velocity	=	196.85	velocity, ft/min
1.0000	kg / m	mass per length	=	0.6721	mass per length, lbs / ft
1.0000	m / s ²	acceleration	=	3.2808	acceleration, ft / sec ²
1.0000	m ²	area	=	10.764	area, ft ²
1.0000	m ³	volume	=	35.315	volume, ft ³
1.0000	W	power	=	0.0013	horsepower, hp

*CEMA reference: IEEE / ASTM SI-10 Standard for the use of International System of Units (SI).
Conversion Factors are an abbreviated guide relevant to belt conveyor calculations.*

SOLD TO		SHIP TO	
Company		Company	
Address		Address	
Purchase Order No.		Contact Name	
F.O.B.		Phone	

QTY	Part No.	Product Descriptions / Price Each	Amount	
			SUBTOTAL	
			LESS DOWN PAYMENT	
			TOTAL	

[illegible]

Master Idler Catalog

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at mining.cat.com and www.cat.com

© 2012 Caterpillar Inc.
All rights reserved

CAT, CATERPILLAR, their respective logos, "Caterpillar Yellow" and the "Power Edge" trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

PECP9073

