



Martin **IDLERS**

CEMA C, D, E

Equal Troughers
Unequal Troughers
Impact Idlers
Rubber Discs Idlers
Return
V>Returns
Inverted V>Returns
Flat Carriers
Self-Aligners
Live Shafts
Frames
Footpads
Brackets
Drop-In Rolls
Scale Quality Rolls



Warning & Safety Reminder



WARNING AND SAFETY REMINDERS FOR SCREW, DRAG, AND BUCKET ELEVATOR CONVEYORS

APPROVED FOR DISTRIBUTION BY THE SCREW CONVEYOR SECTION OF THE
CONVEYOR EQUIPMENT MANUFACTURERS ASSOCIATION (CEMA)

It is the responsibility of the contractor, installer, owner and user to install, maintain and operate the conveyor, components and conveyor assemblies in such a manner as to comply with the Williams-Steiger Occupational Safety and Health Act and with all state and local laws and ordinances and the American National Standards Institute (ANSI) B20.1 Safety Code.

In order to avoid an unsafe or hazardous condition, the assemblies or parts must be installed and operated in accordance with the following minimum provisions.

1. Conveyors shall not be operated unless all covers and/or guards for the conveyor and drive unit are in place. If the conveyor is to be opened for inspection cleaning, maintenance or observation, the electric power to the motor driving the conveyor must be **LOCKED OUT** in such a manner that the conveyor cannot be restarted by anyone; however remote from the area, until conveyor cover or guards and drive guards have been properly replaced.
2. If the conveyor must have an open housing as a condition of its use and application, the entire conveyor is then to be guarded by a railing or fence in accordance with ANSI standard B20.1.(Request current edition and addenda)
3. Feed openings for shovel, front loaders or other manual or mechanical equipment shall be constructed in such a way that the conveyor opening is covered by a grating. If the nature of the material is such that a grating cannot be used, then the exposed section of the conveyor is to be guarded by a railing or fence and there shall be a warning sign posted.
4. Do not attempt any maintenance or repairs of the conveyor until power has been **LOCKED OUT**.
5. Always operate conveyor in accordance with these instructions and those contained on the caution labels affixed to the equipment.

6. Do not place hands, feet, or any part of your body, in the conveyor.
7. Never walk on conveyor covers, grating or guards.
8. Do not use conveyor for any purpose other than that for which it was intended.
9. Do not poke or prod material into the conveyor with a bar or stick inserted through the openings.
10. Keep area around conveyor drive and control station free of debris and obstacles.
11. Eliminate all sources of stored energy (materials or devices that could cause conveyor components to move without power applied) before opening the conveyor
12. Do not attempt to clear a jammed conveyor until power has been **LOCKED OUT**.
13. Do not attempt field modification of conveyor or components.
14. Conveyors are not normally manufactured or designed to handle materials that are hazardous to personnel. These materials which are hazardous include those that are explosive, flammable, toxic or otherwise dangerous to personnel. Conveyors may be designed to handle these materials. Conveyors are not manufactured or designed to comply with local, state or federal codes for unfired pressure vessels. If hazardous materials are to be conveyed or if the conveyor is to be subjected to internal or external pressure, manufacturer should be consulted prior to any modifications.

CEMA insists that disconnecting and locking out the power to the motor driving the unit provides the only real protection against injury. Secondary safety devices are available; however, the decision as to their need and the type required must be made by the owner-assembler as we have no information regarding plant wiring, plant environment, the interlocking of the screw conveyor with other

equipment, extent of plant automation, etc. Other devices should not be used as a substitute for locking out the power prior to removing guards or covers. We caution that use of the secondary devices may cause employees to develop a false sense of security and fail to lock out power before removing covers or guards. This could result in a serious injury should the secondary device fail or malfunction.

There are many kinds of electrical devices for interlocking of conveyors and conveyor systems such that if one conveyor in a system or process is stopped other equipment feeding it, or following it can also be automatically stopped.

Electrical controls, machinery guards, railings, walkways, arrangement of installation, training of personnel, etc., are necessary ingredients for a safe working place. It is the responsibility of the contractor, installer, owner and user to supplement the materials and services furnished with these necessary items to make the conveyor installation comply with the law and accepted standards.

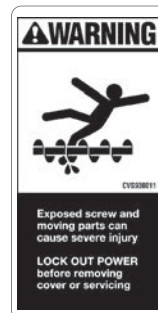
Conveyor inlet and discharge openings are designed to connect to other equipment or machinery so that the flow of material into and out of the conveyor is completely enclosed.

One or more warning labels should be visible on conveyor housings, conveyor covers and elevator housings. If the labels attached to the equipment become illegible, please order replacement warning labels from the OEM or CEMA.

The Conveyor Equipment Manufacturers Association (CEMA) has produced an audio-visual presentation entitled "Safe Operation of Screw Conveyors, Drag Conveyors, and Bucket Elevators." CEMA encourages acquisition and use of this source of safety information to supplement your safety program.



PROMINENTLY DISPLAY
THESE SAFETY LABELS
ON
INSTALLED EQUIPMENT



NOTICE: This document is provided by CEMA as a service to the industry in the interest of promoting safety. It is advisory only and it is not a substitute for a thorough safety program. Users should consult with qualified engineers and other safety professionals. CEMA makes no representations or warranties, either expressed or implied, and the users of this document assume full responsibility for the safe design and operation of equipment.

IDLERS

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Idler Types

Martin



Equal Troughing Idlers are designed to support the belt and transport material on the carrying side of the belt. Troughing Idlers typically consist of 3 rollers with wing rolls at 20, 35 or 45 degree inclinations.



Impact Troughing Idlers are located at loading and transfer points. The rollers are equipped with rubber discs that cushion the impact and reduce costly belt damage. Impact idler frames are reinforced to reduce bending and withstand heavy material loads.



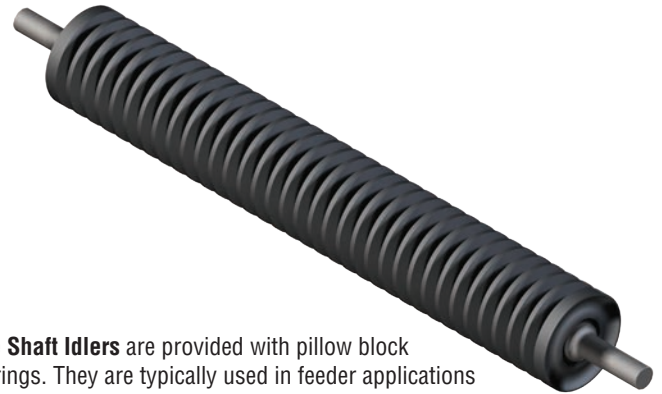
Self-Aligning Idlers are used to assist with belts that may be misaligned due to environmental conditions. Self-Aligning Idlers pivot and attempt to guide the belt back into the center of the troughing Idlers. Self-Aligning Idlers can be troughing, return or flat carrying.



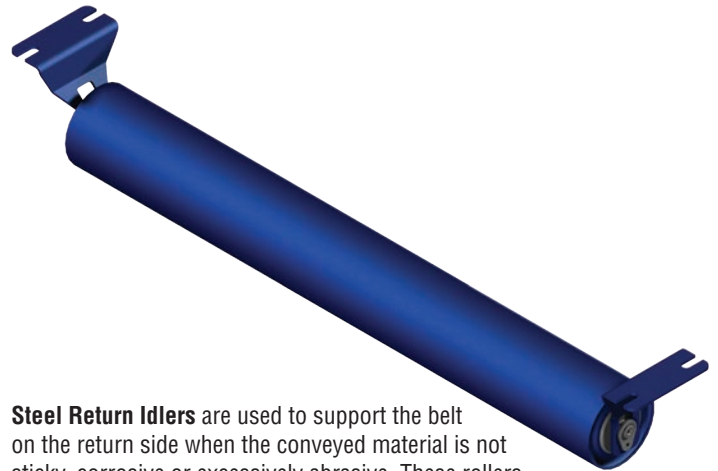
Unequal Troughing Idlers (Picking) are used due to their lower profile design. Typically consist of one long roll in the center and two short inclined wing rollers. This design lays out the material and allows for easy sorting and separation. Unequal Troughing Idlers (Picking) are available with steel or impact rollers.



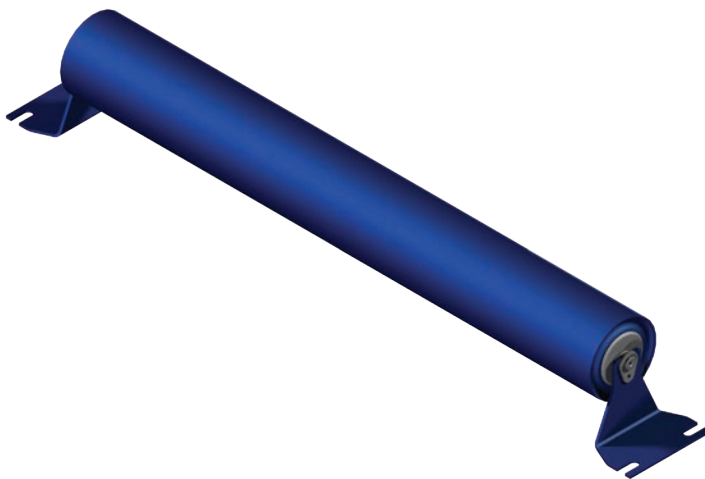
Channel Inset Troughing Idlers mount down inside a channel frame or vertical mounting surface and bolt horizontally. The low profile design is often used on portable equipment where reducing height is critical. Channel Inset Troughing Idlers are available in steel and impact designs.



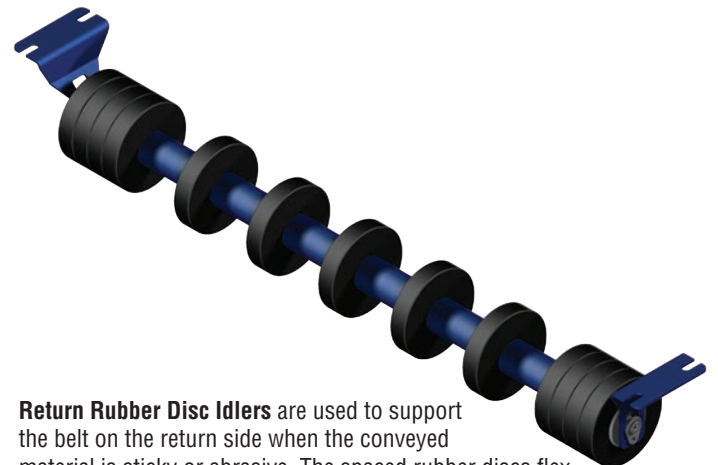
Live Shaft Idlers are provided with pillow block bearings. They are typically used in feeder applications or applications with higher belt tensions not suitable for conventional flat rollers with internal bearings. Live Shaft Idlers are available in impact, spaced rubber disc and steel configurations.



Steel Return Idlers are used to support the belt on the return side when the conveyed material is not sticky, corrosive or excessively abrasive. These rollers are available with a variety of coatings suitable for the specific application.

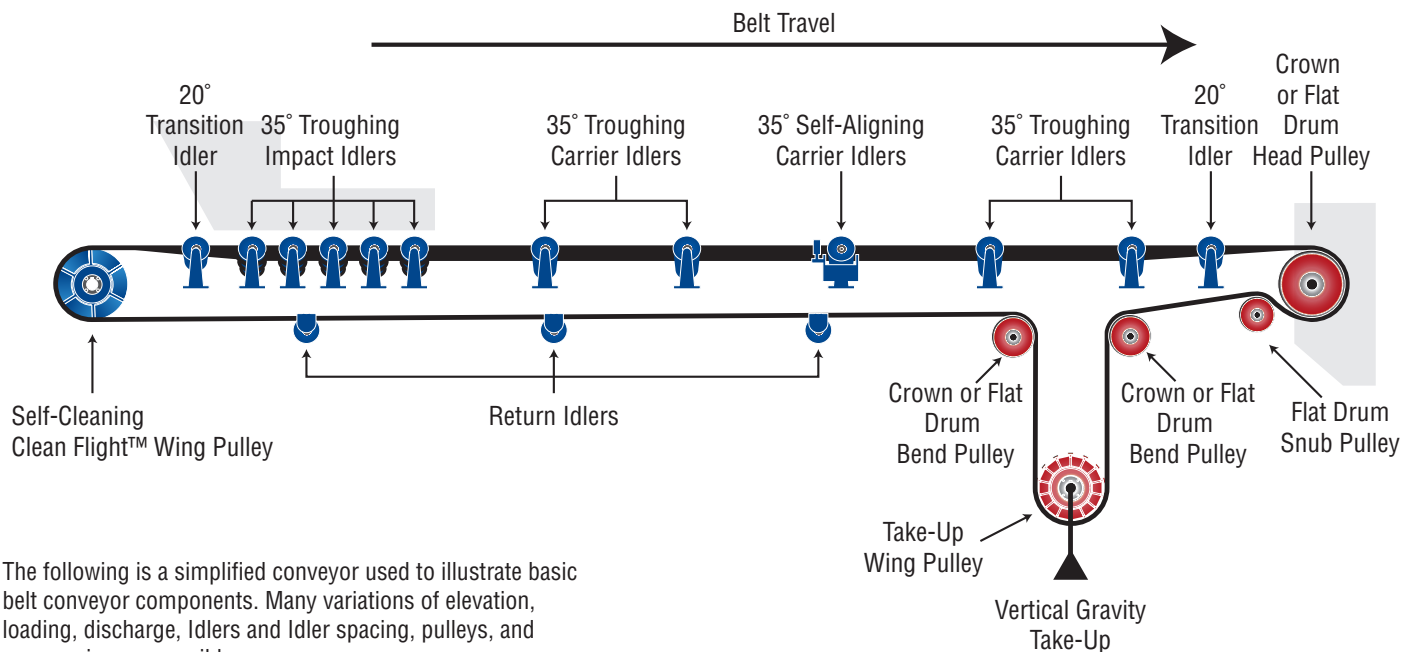


Flat Carrier Idlers are used with flat belts where a trough is not required to contain material. They are used for picking, sorting, feeding or plowing material from the belt.



Return Rubber Disc Idlers are used to support the belt on the return side when the conveyed material is sticky or abrasive. The spaced rubber discs flex and offer relief to avoid material build-up caused by excessive carryback. Rollers have flat massed rubber ends to offer support if the belt mistracks from center.

Application



The following is a simplified conveyor used to illustrate basic belt conveyor components. Many variations of elevation, loading, discharge, idlers and idler spacing, pulleys, and accessories are possible.

CEMA Reference & Interchange

CEMA Series	B	C	D	E
Precision	B	C	D	E
Continental	B, B+	HS, HG, HC	H+	SDX
Syntron MH (FMC Linkbelt)	B2000	C3000	D3000	E4000
Goodman/Jeffrey	B	C	D	E
Hewitt-Robins	B	B-C, 2000	3000	4000
Precismeca	PB	PC	PD	PE
Rexnord	B	C	D	E
Stephens-Adamson	2100	4100, 4200	5100	6300
Superior	60, 61	80, 81	91	
Transall/North America	B	C	D	E

How to Read the Part Number

C				5				- 35				T				- 18				- 09			
CEMA Class																							
C, D, E																							
Roll Diameter																				Wall Thickness Gauge			
C - 4", 5", 6"																				09, 07, 04			
D - 5", 6"																							
E - 6", 7"																							
Angle*																				Belt Width			
20°, 35°, 45°																				C - 18" to 60"			
																				D - 24" to 72"			
																				E - 36" to 96"			
Idler Type																							
T																							
TI																							
TSA																							
U																							
UI																							
CT																							
CTI																							
F																							
FRD																							
FSA																							
CF																							
CFRD																							
R																							
RRD																							
RSA																							
RRDSA																							
CR																							
CRRD																							
V																							
VRD																							
IV																							
IVRD																							
LI																							
LRRD																							
LR																							
TT																							
TG																							
FG																							
RG																							
FRDSA																							
TO																							

* Note: Angle does not apply to flat or standard return Idlers.
 Certain limitations apply, such as 10° for V-Return, 15° for Inverted V-Return, and 20°, 35° & 45° for Trougher Equal.

CEMA C Series Idler Features & Benefits

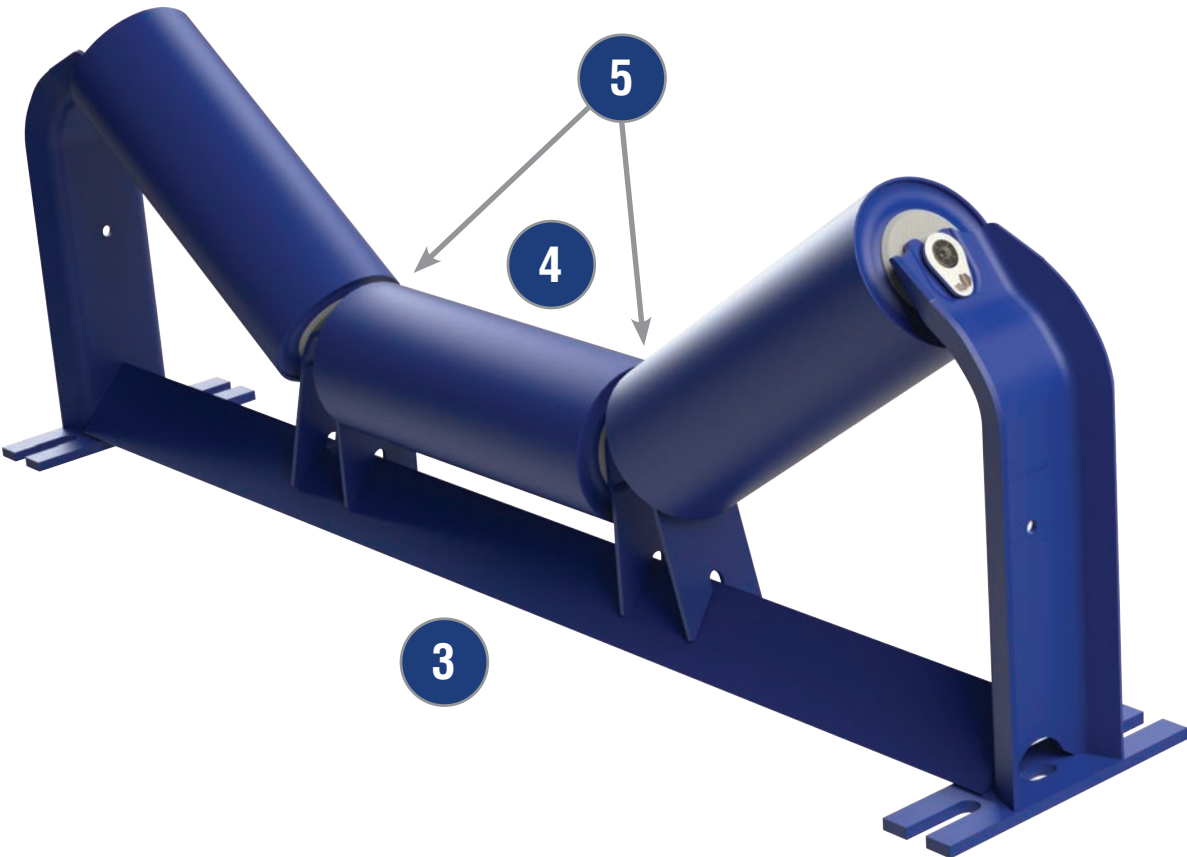


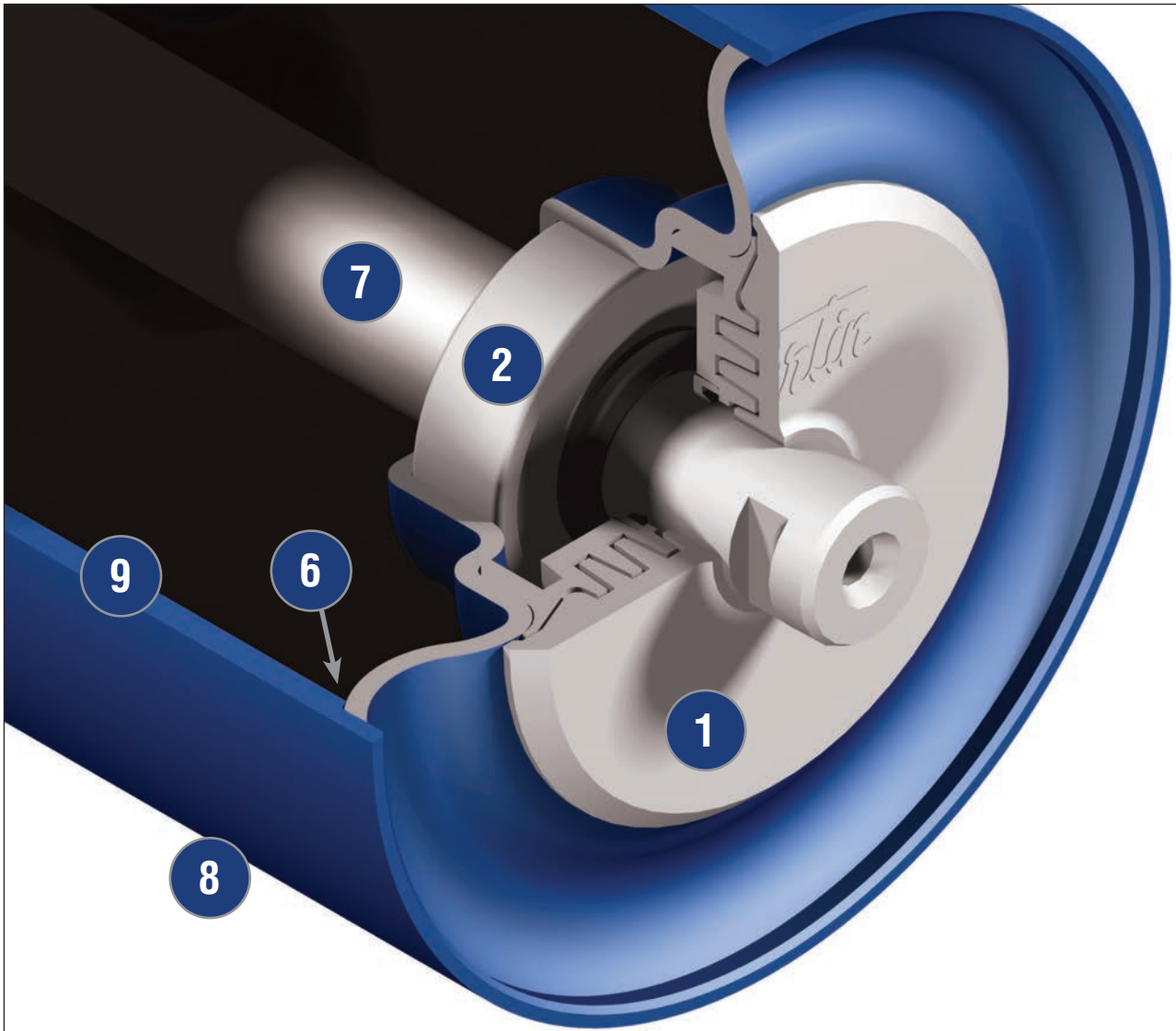
The C Series Idler sets a standard for the industry

- Manufactured using sealed for life ball bearings for long maintenance free operation
- Ultimate *Martin* Triple Labyrinth Seal guard bearing protection
- Conform to all CEMA C load and dimensional requirements
- 9 Gauge tubing exceeds industry wall thickness standards

CEMA C Load Ratings

Belt Width	Troughing Angle			Return & Flat	Unequal Picking	Live Shaft
	20°	35°	45°			
18	900	900	900	475	-	1200
24	900	900	900	325	475	1200
30	900	900	900	250	475	1200
36	900	837	810	200	325	1200
42	850	791	765	150	250	1100
48	800	744	720	125	200	1000
54	750	698	675	CEMA D	150	875
60	700	650	630	CEMA D	125	780
Two Roll V>Returns (All)				500	-	-





1

Martin Triple Labyrinth Seal design offers the following exclusive *Martin* bearing protection

- External shield deters impurities from entering the bearing housing
- Flinger design removes contaminants away from the bearing housing by centrifugal force
- *Martin* Triple Labyrinth Seal is grease filled that offers an additional level of protection from contaminants and water ingress impacting the bearing.
- The contact lip seal adds additional level of protection

2

CEMA C Idlers have sealed for life ball bearings.

3

CEMA C Idlers standard product line will be 18" to 60" belt widths. Rapid response for made-to-orders will be available

4

Martin CEMA C Idlers offer extremely low rolling resistance that allows for lower operating cost

5

Roll gap meets NIBA recommendation

6

Patent pending Idler end welding allows for protection against belt wear

7

0.88" solid steel shaft machined down to 20 mm at each end

8

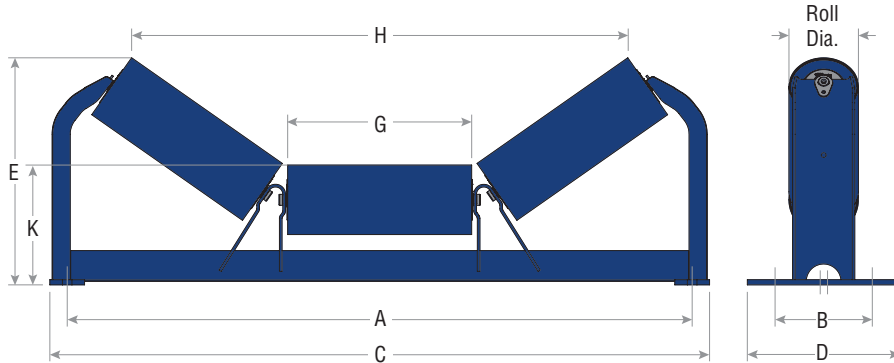
Martin Idlers have exceptionally low TIR runout

9

9 gauge steel tubing is standard for CEMA C Idlers

CEMA C Equal Troughers

Martin



Belt Width	Standard Dimensions					Wide Base	
	A	B	C	D	G	Aw*	Cw*
18	27	5.5	29.5	8	6.75	33	35.5
20	29	5.5	31.5	8	7.63	35	37.5
24	33	5.5	35.5	8	8.94	39	41.5
30	39	5.5	41.5	9.5	11.13	45	47.5
36	45	5.5	47.5	9.5	13.25	51	53.5
42	51	5.5	53.5	9.5	15.44	57	59.5
48	57	5.5	59.5	9.5	17.63	63	65.5
54	63	7	65.5	11	19.75	69	71.5
60	69	7	71.5	11	21.75	75	77.5

*Dimension not shown; for wide base.

20° Equal Troughers

Belt Width	4" Roll Diameter						5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replace-ment Roll	Part Number	E	H	K	Wt.	Replace-ment Roll	Part Number	E	H	K	Wt.	Replace-ment Roll
18	C4-20T-18-09	10.49	20.97	8	38	C4-T-18-09	C5-20T-18-09	10.96	20.63	8.5	42	C5-T-18-09	C6-20T-18-09	11.43	20.28	9	46	C6-T-18-09
20	C4-20T-20-09	10.75	23.56	8	41	C4-T-20-09	C5-20T-20-09	11.25	23.25	8.5	45	C5-T-20-09	C6-20T-20-09	11.69	22.88	9	50	C6-T-20-09
24	C4-20T-24-09	11.24	27.27	8	45	C4-T-24-09	C5-20T-24-09	11.71	26.93	8.5	49	C5-T-24-09	C6-20T-24-09	12.18	26.58	9	54	C6-T-24-09
30	C4-20T-30-09	12.11	33.57	8.13	53	C4-T-30-09	C5-20T-30-09	12.58	33.23	8.63	59	C5-T-30-09	C6-20T-30-09	13.05	32.89	9.13	64	C6-T-30-09
36	C4-20T-36-09	12.84	39.68	8.13	60	C4-T-36-09	C5-20T-36-09	13.31	39.34	8.63	66	C5-T-36-09	C6-20T-36-09	13.78	39	9.13	73	C6-T-36-09
42	C4-20T-42-09	13.98	45.98	8.5	69	C4-T-42-09	C5-20T-42-09	14.45	45.64	9	76	C5-T-42-09	C6-20T-42-09	14.92	45.3	9.5	84	C6-T-42-09
48	C4-20T-48-09	14.73	52.29	8.5	76	C4-T-48-09	C5-20T-48-09	15.2	51.94	9	84	C5-T-48-09	C6-20T-48-09	15.67	51.6	9.5	92	C6-T-48-09
54	C4-20T-54-09	15.46	58.4	8.5	83	C4-T-54-09	C5-20T-54-09	15.93	58.06	9	93	C5-T-54-09	C6-20T-54-09	16.4	57.72	9.5	102	C6-T-54-09
60	C4-20T-60-09	16.14	64.16	8.5	90	C4-T-60-09	C5-20T-60-09	16.61	63.82	9	100	C5-T-60-09	C6-20T-60-09	17.08	63.47	9.5	110	C6-T-60-09

35° Equal Troughers

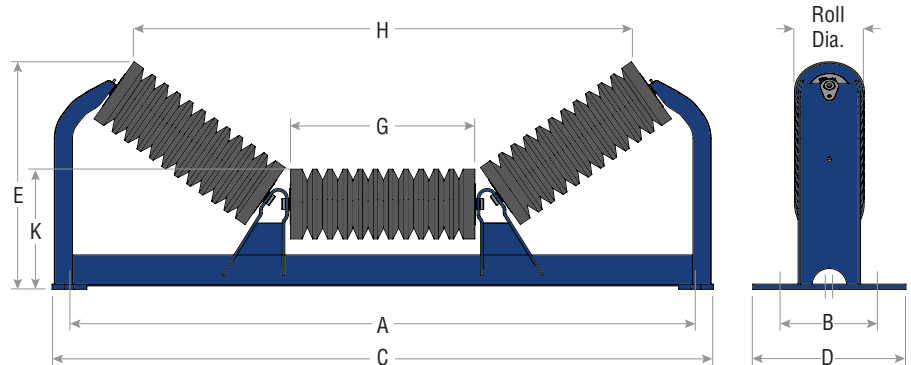
Belt Width	4" Roll Diameter						5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replace-ment Roll	Part Number	E	H	K	Wt.	Replace-ment Roll	Part Number	E	H	K	Wt.	Replace-ment Roll
18	C4-35T-18-09	12.13	19.13	8	39	C4-T-18-09	C5-35T-18-09	12.48	18.48	8.5	43	C5-T-18-09	C6-35T-18-09	12.94	17.89	9	47	C6-T-18-09
20	C4-35T-20-09	12.63	21.69	8	42	C4-T-20-09	C5-35T-20-09	13.06	21.13	8.5	45	C5-T-20-09	C6-35T-20-09	13.5	20.56	9	51	C6-T-20-09
24	C4-35T-24-09	13.38	24.9	8	46	C4-T-24-09	C5-35T-24-09	13.73	24.25	8.5	51	C5-T-24-09	C6-35T-24-09	14.2	23.75	9	56	C6-T-24-09
30	C4-35T-30-09	14.76	30.68	8.13	55	C4-T-30-09	C5-35T-30-09	15.11	30.02	8.63	61	C5-T-30-09	C6-35T-30-09	15.58	29.53	9.13	66	C6-T-30-09
36	C4-35T-36-09	15.98	36.28	8.13	62	C4-T-36-09	C5-35T-36-09	16.33	35.62	8.63	68	C5-T-36-09	C6-35T-36-09	16.8	35.13	9.13	75	C6-T-36-09
42	C4-35T-42-09	17.63	42.05	8.5	72	C4-T-42-09	C5-35T-42-09	17.99	41.4	9	79	C5-T-42-09	C6-35T-42-09	18.45	40.9	9.5	86	C6-T-42-09
48	C4-35T-48-09	18.89	47.82	8.5	79	C4-T-48-09	C5-35T-48-09	19.24	47.17	9	87	C5-T-48-09	C6-35T-48-09	19.7	46.68	9.5	95	C6-T-48-09
54	C4-35T-54-09	20.1	53.43	8.5	87	C4-T-54-09	C5-35T-54-09	20.46	52.77	9	96	C5-T-54-09	C6-35T-54-09	20.92	52.28	9.5	105	C6-T-54-09
60	C4-35T-60-09	21.25	58.7	8.5	94	C4-T-60-09	C5-35T-60-09	21.61	58.05	9	103	C5-T-60-09	C6-35T-60-09	22.07	57.55	9.5	113	C6-T-60-09

45° Equal Troughers

Belt Width	4" Roll Diameter						5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replace-ment Roll	Part Number	E	H	K	Wt.	Replace-ment Roll	Part Number	E	H	K	Wt.	Replace-ment Roll
18	C4-45T-18-09	13.16	17.92	8	41	C4-T-18-09	C5-45T-18-09	13.51	17.26	8.5	45	C5-T-18-09	C6-45T-18-09	13.86	16.51	9	49	C6-T-18-09
20	C4-45T-20-09	13.75	20.31	8	44	C4-T-20-09	C5-45T-20-09	14.13	19.63	8.5	48	C5-T-20-09	C6-45T-20-09	14.5	18.94	9	51	C6-T-20-09
24	C4-45T-24-09	14.7	23.21	8	48	C4-T-24-09	C5-45T-24-09	15.06	22.55	8.5	53	C5-T-24-09	C6-45T-24-09	15.41	21.79	9	58	C6-T-24-09
30	C4-45T-30-09	16.37	28.49	8.13	57	C4-T-30-09	C5-45T-30-09	16.73	27.83	8.63	63	C5-T-30-09	C6-45T-30-09	17.08	27.08	9.13	69	C6-T-30-09
36	C4-45T-36-09	17.88	33.62	8.13	64	C4-T-36-09	C5-45T-36-09	18.23	32.96	8.63	71	C5-T-36-09	C6-45T-36-09	18.58	32.2	9.13	77	C6-T-36-09
42	C4-45T-42-09	19.82	38.9	8.5	75	C4-T-42-09	C5-45T-42-09	20.18	38.24	9	82	C5-T-42-09	C6-45T-42-09	20.53	37.49	9.5	89	C6-T-42-09
48	C4-45T-48-09	21.37	44.18	8.5	82	C4-T-48-09	C5-45T-48-09	21.72	43.52	9	90	C5-T-48-09	C6-45T-48-09	22.08	42.77	9.5	98	C6-T-48-09
54	C4-45T-54-09	22.87	49.31	8.5	90	C4-T-54-09	C5-45T-54-09	23.22	48.65	9	99	C5-T-54-09	C6-45T-54-09	23.58	47.90	9.5	108	C6-T-54-09
60	C4-45T-60-09	24.29	54.14	8.5	97	C4-T-60-09	C5-45T-60-09	24.64	53.48	9	107	C5-T-60-09	C6-45T-60-09	24.99	52.72	9.5	117	C6-T-60-09

Belt Width	Standard Dimensions					Wide Base	
	A	B	C	D	G	Aw*	Cw*
18	27	5.5	29.5	8	6.75	33	35.5
20	29	5.5	31.5	8	7.63	35	37.5
24	33	5.5	35.5	8	8.94	39	41.5
30	39	5.5	41.5	9.5	11.13	45	47.5
36	45	5.5	47.5	9.5	13.25	51	53.5
42	51	5.5	53.5	9.5	15.44	57	59.5
48	57	5.5	59.5	9.5	17.63	63	65.5
54	63	7	65.5	11	19.75	69	71.5
60	69	7	71.5	11	21.75	75	77.5

*Dimension not shown; for wide base.



20° Equal Impact Troughers

Belt Width	4" Roll Diameter						5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replace-ment Roll	Part Number	E	H	K	Wt.	Replace-ment Roll	Part Number	E	H	K	Wt.	Replace-ment Roll
18	C4-20TI-18	10.49	20.97	8	44	C4-TI-18	C5-20TI-18	10.96	20.63	8.5	48	C5-TI-18	C6-20TI-18	11.43	20.28	9	51	C6-TI-18
20	C4-20TI-20	10.5	22.13	8	49	C4-TI-20	C5-20TI-20	11	21.81	8.5	52	C5-TI-20	C6-20TI-20	11.44	21.44	9	56	C6-TI-20
24	C4-20TI-24	11.24	27.27	8	55	C4-TI-24	C5-20TI-24	11.71	26.93	8.5	58	C5-TI-24	C6-20TI-24	12.18	26.58	9	65	C6-TI-24
30	C4-20TI-30	12.11	33.57	8.13	65	C4-TI-30	C5-20TI-30	12.58	33.23	8.63	71	C5-TI-30	C6-20TI-30	13.05	32.89	9.13	77	C6-TI-30
36	C4-20TI-36	12.84	39.68	8.13	75	C4-TI-36	C5-20TI-36	13.31	39.34	8.63	81	C5-TI-36	C6-20TI-36	13.78	39	9.13	88	C6-TI-36
42	C4-20TI-42	13.98	45.98	8.5	90	C4-TI-42	C5-20TI-42	14.45	45.64	9	96	C5-TI-42	C6-20TI-42	14.92	45.3	9.5	107	C6-TI-42
48	C4-20TI-48	14.73	52.29	8.5	99	C4-TI-48	C5-20TI-48	15.2	51.94	9	107	C5-TI-48	C6-20TI-48	15.67	51.6	9.5	117	C6-TI-48
54	C4-20TI-54	15.46	58.4	8.5	110	C4-TI-54	C5-20TI-54	15.93	58.06	9	119	C5-TI-54	C6-20TI-54	16.4	57.72	9.5	130	C6-TI-54
60	C4-20TI-60	16.14	64.16	8.5	119	C4-TI-60	C5-20TI-60	16.61	63.82	9	130	C5-TI-60	C6-20TI-60	17.08	63.47	9.5	142	C6-TI-60

35° Equal Impact Troughers

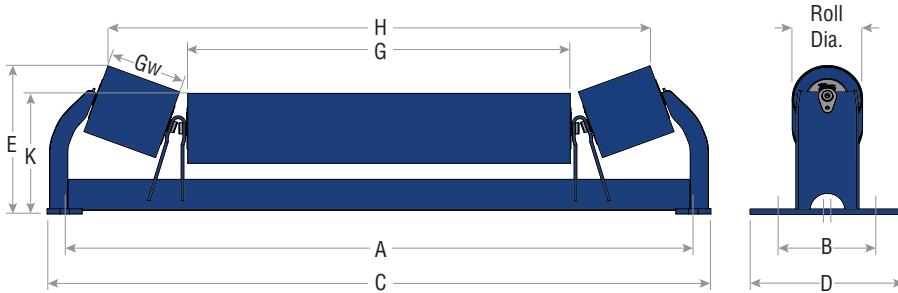
Belt Width	4" Roll Diameter						5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replace-ment Roll	Part Number	E	H	K	Wt.	Replace-ment Roll	Part Number	E	H	K	Wt.	Replace-ment Roll
18	C4-35TI-18	12.12	19.13	8	46	C4-TI-18	C5-35TI-18	12.53	18.55	8.5	49	C5-TI-18	C6-35TI-18	12.94	17.98	9	53	C6-TI-18
20	C4-35TI-20	12.19	20.44	8	50	C4-TI-20	C5-35TI-20	12.63	19.88	8.5	53	C5-TI-20	C6-35TI-20	13.06	19.31	9	58	C6-TI-20
24	C4-35TI-24	13.38	24.9	8	57	C4-TI-24	C5-35TI-24	13.79	24.33	8.5	60	C5-TI-24	C6-35TI-24	14.2	23.75	9	67	C6-TI-24
30	C4-35TI-30	14.76	30.68	8.13	67	C4-TI-30	C5-35TI-30	15.17	30.1	8.63	73	C5-TI-30	C6-35TI-30	15.58	29.53	9.13	79	C6-TI-30
36	C4-35TI-36	15.98	36.28	8.13	77	C4-TI-36	C5-35TI-36	16.39	35.7	8.63	83	C5-TI-36	C6-35TI-36	16.8	35.13	9.13	91	C6-TI-36
42	C4-35TI-42	17.63	42.05	8.5	93	C4-TI-42	C5-35TI-42	18.04	41.48	9	99	C5-TI-42	C6-35TI-42	18.41	40.9	9.5	109	C6-TI-42
48	C4-35TI-48	18.89	47.82	8.5	102	C4-TI-48	C5-35TI-48	19.29	47.25	9	110	C5-TI-48	C6-35TI-48	19.66	46.68	9.5	120	C6-TI-48
54	C4-35TI-54	20.1	53.43	8.5	113	C4-TI-54	C5-35TI-54	20.51	52.85	9	122	C5-TI-54	C6-35TI-54	20.88	52.28	9.5	133	C6-TI-54
60	C4-35TI-60	21.25	58.7	8.5	123	C4-TI-60	C5-35TI-60	21.66	58.13	9	133	C5-TI-60	C6-35TI-60	22.07	57.55	9.5	146	C6-TI-60

45° Equal Impact Troughers

Belt Width	4" Roll Diameter						5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replace-ment Roll	Part Number	E	H	K	Wt.	Replace-ment Roll	Part Number	E	H	K	Wt.	Replace-ment Roll
18	C4-45TI-18	13.16	17.92	8	48	C4-TI-18	C5-45TI-18	13.51	17.22	8.5	51	C5-TI-18	C6-45TI-18	13.86	16.51	9	55	C6-TI-18
20	C4-45TI-20	13.25	19.25	8	50	C4-TI-20	C5-45TI-20	13.63	18.56	8.5	55	C5-TI-20	C6-45TI-20	14	17.88	9	60	C6-TI-20
24	C4-45TI-24	14.7	23.21	8	59	C4-TI-24	C5-45TI-24	15.06	22.5	8.5	62	C5-TI-24	C6-45TI-24	15.41	21.79	9	69	C6-TI-24
30	C4-45TI-30	16.37	28.49	8.13	70	C4-TI-30	C5-45TI-30	16.73	27.78	8.63	75	C5-TI-30	C6-45TI-30	17.08	27.08	9.13	81	C6-TI-30
36	C4-45TI-36	17.88	33.62	8.13	80	C4-TI-36	C5-45TI-36	18.23	32.91	8.63	86	C5-TI-36	C6-45TI-36	18.58	32.2	9.13	93	C6-TI-36
42	C4-45TI-42	19.82	38.9	8.5	95	C4-TI-42	C5-45TI-42	20.18	38.19	9	102	C5-TI-42	C6-45TI-42	20.53	37.49	9.5	112	C6-TI-42
48	C4-45TI-48	21.37	44.18	8.5	105	C4-TI-48	C5-45TI-48	21.72	43.48	9	114	C5-TI-48	C6-45TI-48	22.08	42.78	9.5	123	C6-TI-48
54	C4-45TI-54	22.87	49.31	8.5	117	C4-TI-54	C5-45TI-54	23.22	48.60	9	126	C5-TI-54	C6-45TI-54	23.58	47.90	9.5	137	C6-TI-54
60	C4-45TI-60	24.29	54.14	8.5	127	C4-TI-60	C5-45TI-60	24.64	53.43	9	137	C5-TI-60	C6-45TI-60	24.99	52.72	9.5	149	C6-TI-60

CEMA C Unequal Troughers

Martin



Belt Width	Standard Dimensions				Wide Base	
	A	B	C	D	Aw*	Cw*
24	33	5.5	35.5	8	39	41.5
30	39	5.5	41.5	9.5	45	47.5
36	45	5.5	47.5	9.5	51	53.5
42	51	5.5	53.5	9.5	57	59.5
48	57	5.5	59.5	9.5	63	65.5
54	63	7	65.5	11	69	71.5
60	69	7	71.5	11	75	77.5

*Dimension not shown; for wide base.

20° Unequal Troughers

Belt Width	G	Gw	4" Roll Diameter							5" Roll Diameter						
			Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll	Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll
24	15.44	5.44	C4-20U-24-09	10.04	27.19	8	43	C4-20UC-24-09	C4-20UW-24-09	C5-20U-24-09	10.51	26.85	8.5	48	C5-20UC-24-09	C5-20UW-24-09
30	21.38	5.44	C4-20U-30-09	10.16	33.13	8.13	51	C4-20UC-30-09		C5-20U-30-09	10.63	32.79	8.63	56	C5-20UC-30-09	
36	27.38	5.44	C4-20U-36-09	10.16	39.13	8.13	57	C4-20UC-36-09		C5-20U-36-09	10.63	38.79	8.63	63	C5-20UC-36-09	
42	33.38	5.44	C4-20U-42-09	10.56	45.13	8.5	65	C4-20UC-42-09		C5-20U-42-09	11.03	44.79	9	72	C5-20UC-42-09	
48	39.38	5.44	C4-20U-48-09	10.56	51.13	8.5	72	C4-20UC-48-09		C5-20U-48-09	11.03	50.79	9	79	C5-20UC-48-09	
54	45.38	5.44	C4-20U-54-09	10.56	57.13	8.5	79	C4-20UC-54-09		C5-20U-54-09	11.03	56.79	9	87	C5-20UC-54-09	
60	51.38	5.44	C4-20U-60-09	10.56	63.13	8.5	85	C4-20UC-60-09		C5-20U-60-09	11.03	62.79	9	94	C5-20UC-60-09	

Belt Width	G	Gw	6" Roll Diameter						
			Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll
24	15.44	5.44	C6-20U-24-09	10.98	26.51	9	53	C6-20UC-24-09	C6-20UW-24-09
30	21.38	5.44	C6-20U-30-09	11.1	32.45	9.13	62	C6-20UC-30-09	
36	27.38	5.44	C6-20U-36-09	11.1	38.45	9.13	69	C6-20UC-36-09	
42	33.38	5.44	C6-20U-42-09	11.5	44.46	9.5	80	C6-20UC-42-09	
48	39.38	5.44	C6-20U-48-09	11.5	50.45	9.5	87	C6-20UC-48-09	
54	45.38	5.44	C6-20U-54-09	11.5	56.45	9.5	96	C6-20UC-54-09	
60	51.38	5.44	C6-20U-60-09	11.5	62.45	9.5	104	C6-20UC-60-09	

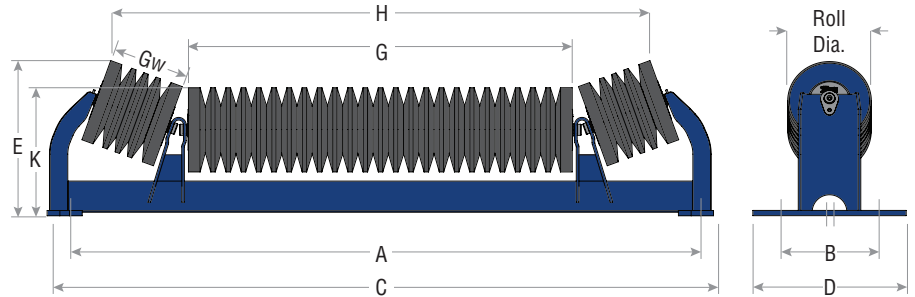
35° Unequal Troughers

Belt Width	G	Gw	4" Roll Diameter							5" Roll Diameter						
			Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll	Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll
24	13.25	6.75	C4-35U-24-09	12.12	25.63	8	46	C4-35UC-24-09	C4-35UW-24-09	C5-35U-24-09	12.53	25.06	8.5	50	C5-35UC-24-09	C5-35UW-24-09
30	15.44	8.94	C4-35U-30-09	13.5	31.41	8.13	54	C4-35UC-30-09	C4-35UW-30-09	C5-35U-30-09	13.91	30.84	8.63	60	C5-35UC-30-09	C5-35UW-30-09
36	19.75	8.94	C4-35U-36-09	13.5	35.71	8.13	59	C4-35UC-36-09		C5-35U-36-09	13.91	35.14	8.63	65	C5-35UC-36-09	
42	21.38	11.13	C4-35U-42-09	15.16	40.92	8.5	69	C4-35UC-42-09	C4-35UW-42-09	C5-35U-42-09	15.57	40.35	9	76	C5-35UC-42-09	C5-35UW-42-09
48	27.38	11.13	C4-35U-48-09	15.16	46.92	8.5	75	C4-35UC-48-09		C5-35U-48-09	15.57	46.35	9	82	C5-35UC-48-09	
54	33.38	11.13	C4-35U-54-09	15.16	52.92	8.5	82	C4-35UC-54-09		C5-35U-54-09	15.57	52.35	9	90	C5-35UC-54-09	
60	39.38	11.13	C4-35U-60-09	15.16	58.92	8.5	88	C4-35UC-60-09		C5-35U-60-09	15.57	58.35	9	97	C5-35UC-60-09	

Belt Width	G	Gw	6" Roll Diameter						
			Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll
24	13.25	6.75	C6-35U-24-09	12.94	24.48	9	55	C6-35UC-24-09	C6-35UW-24-09
30	15.44	8.94	C6-35U-30-09	14.32	30.26	9.13	66	C6-35UC-30-09	C6-35UW-30-09
36	19.75	8.94	C6-35U-36-09	14.32	34.57	9.13	72	C6-35UC-36-09	
42	21.38	11.13	C6-35U-42-09	15.98	39.77	9.5	83	C6-35UC-42-09	C6-35UW-42-09
48	27.38	11.13	C6-35U-48-09	15.98	45.77	9.5	90	C6-35UC-48-09	
54	33.38	11.13	C6-35U-54-09	19.98	51.77	9.5	99	C6-35UC-54-09	
60	39.38	11.13	C6-35U-60-09	15.98	57.77	9.5	107	C6-35UC-60-09	

Belt Width	Standard Dimensions				Wide Base	
	A	B	C	D	Aw*	Cw*
24	33	5.5	35.5	8	39	41.5
30	39	5.5	41.5	9.5	45	47.5
36	45	5.5	47.5	9.5	51	53.5
42	51	5.5	53.5	9.5	57	59.5
48	57	5.5	59.5	9.5	63	65.5
54	63	7	65.5	11	69	71.5
60	69	7	71.5	11	75	77.5

*Dimension not shown; for wide base.



20° Unequal Impact Troughers

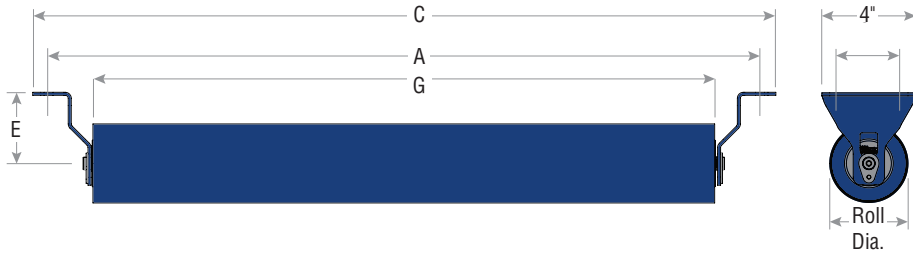
Belt Width	5" Roll Diameter							6" Roll Diameter							G	Gw
	Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll	Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll		
24	C5-20UI-24	10.51	26.85	8.5	57	C5-20UIC-24	C5-20UIW-24	C6-20UI-24	10.98	26.51	9	62	C6-20UIC-24	C6-20UIW-24	15.44	5.44
30	C5-20UI-30	10.63	32.79	8.63	68	C5-20UIC-30		C6-20UI-30	11.1	32.45	9.13	74	C6-20UIC-30		21.38	5.44
36	C5-20UI-36	10.63	38.79	8.63	78	C5-20UIC-36		C6-20UI-36	11.1	38.45	9.13	85	C6-20UIC-36		27.38	5.44
42	C5-20UI-42	11.03	44.79	9	92	C5-20UIC-42		C6-20UI-42	11.5	44.45	9.5	100	C6-20UIC-42		33.38	5.44
48	C5-20UI-48	11.03	50.79	9	102	C5-20UIC-48		C6-20UI-48	11.5	50.45	9.5	111	C6-20UIC-48		39.38	5.44
54	C5-20UI-54	11.03	56.79	9	113	C5-20UIC-54		C6-20UI-54	11.5	56.45	9.5	123	C6-20UIC-54		45.38	5.44
60	C5-20UI-60	11.03	62.79	9	123	C5-20UIC-60		C6-20UI-60	11.5	62.45	9.5	134	C6-20UIC-60		51.38	5.44

35° Unequal Impact Troughers

Belt Width	4" Roll Diameter							5" Roll Diameter							G	Gw
	Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll	Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll		
24	C5-35UI-24	12.53	25.05	8.5	59	C5-35UIC-24	C5-35UIW-24	C6-35UI-24	12.94	24.48	9	64	C6-35UIC-24	C6-35UIW-24	13.25	6.75
30	C5-35UI-30	13.91	30.83	8.63	72	C5-35UIC-30	C5-35UIW-30	C6-35UI-30	14.32	30.25	9.13	80	C6-35UIC-30	C6-35UIW-30	15.44	8.94
36	C5-35UI-36	13.91	35.14	8.63	80	C5-35UIC-36		C6-35UI-36	14.32	34.57	9.13	88	C6-35UIC-36		19.75	8.94
42	C5-35UI-42	15.57	40.35	9	95	C5-35UIC-42	C5-35UIW-42	C6-35UI-42	15.98	39.78	9.5	103	C6-35UIC-42	C6-35UIW-42	21.38	11.13
48	C5-35UI-48	15.57	46.35	9	105	C5-35UIC-48		C6-35UI-48	15.98	45.78	9.5	114	C6-35UIC-48		27.38	11.13
54	C5-35UI-54	15.57	52.35	9	116	C5-35UIC-54		C6-35UI-54	15.98	51.78	9.5	126	C6-35UIC-54		33.38	11.13
60	C5-35UI-60	15.57	58.35	9	126	C5-35UIC-60		C6-35UI-60	15.98	57.78	9.5	137	C6-35UIC-60		39.38	11.13

CEMA C Returns

Martin



Belt Width	Standard Dimensions		
	A	C	G
18	27	29	21.38
20	29	31	23.38
24	33	35	27.38
30	39	41	33.38
36	45	47	39.38
42	51	53	45.38
48	57	59	51.38
54	63	65	57.38
60	69	71	63.38

Returns (E = 1.5")

Belt Width	4" Roll Diameter			5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
18	C4-R-18-09-1	17	C4-R-18-09	C5-R-18-09-1	20	C5-R-18-09	C6-R-18-09-1	24	C6-R-18-09
20	C4-R-20-09-1	19	C4-R-20-09	C5-R-20-09-1	22	C5-R-20-09	C6-R-20-09-1	26	C6-R-20-09
24	C4-R-24-09-1	21	C4-R-24-09	C5-R-24-09-1	25	C5-R-24-09	C6-R-24-09-1	30	C6-R-24-09
30	C4-R-30-09-1	25	C4-R-30-09	C5-R-30-09-1	30	C5-R-30-09	C6-R-30-09-1	35	C6-R-30-09
36	C4-R-36-09-1	29	C4-R-36-09	C5-R-36-09-1	35	C5-R-36-09	C6-R-36-09-1	41	C6-R-36-09
42	C4-R-42-09-1	33	C4-R-42-09	C5-R-42-09-1	40	C5-R-42-09	C6-R-42-09-1	46	C6-R-42-09
48	C4-R-48-09-1	37	C4-R-48-09	C5-R-48-09-1	45	C5-R-48-09	C6-R-48-09-1	52	C6-R-48-09
*54	C4-R-54-09-1	42	C4-R-54-09	C5-R-54-09-1	49	C5-R-54-09	C6-R-54-09-1	57	C6-R-54-09
*60	C4-R-60-09-1	46	C4-R-60-09	C5-R-60-09-1	54	C5-R-60-09	C6-R-60-09-1	63	C6-R-60-09

Returns (E = 4.5")

Belt Width	4" Roll Diameter			5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
18	C4-R-18-09-4	19	C4-R-18-09	C5-R-18-09-4	22	C5-R-18-09	C6-R-18-09-4	26	C6-R-18-09
20	C4-R-20-09-4	21	C4-R-20-09	C5-R-20-09-4	24	C5-R-20-09	C6-R-20-09-4	28	C6-R-20-09
24	C4-R-24-09-4	23	C4-R-24-09	C5-R-24-09-4	27	C5-R-24-09	C6-R-24-09-4	32	C6-R-24-09
30	C4-R-30-09-4	27	C4-R-30-09	C5-R-30-09-4	32	C5-R-30-09	C6-R-30-09-4	37	C6-R-30-09
36	C4-R-36-09-4	31	C4-R-36-09	C5-R-36-09-4	37	C5-R-36-09	C6-R-36-09-4	43	C6-R-36-09
42	C4-R-42-09-4	35	C4-R-42-09	C5-R-42-09-4	42	C5-R-42-09	C6-R-42-09-4	48	C6-R-42-09
48	C4-R-48-09-4	39	C4-R-48-09	C5-R-48-09-4	47	C5-R-48-09	C6-R-48-09-4	54	C6-R-48-09
*54	C4-R-54-09-4	44	C4-R-54-09	C5-R-54-09-4	51	C5-R-54-09	C6-R-54-09-4	59	C6-R-54-09
*60	C4-R-60-09-4	48	C4-R-60-09	C5-R-60-09-4	56	C5-R-60-09	C6-R-60-09-4	65	C6-R-60-09

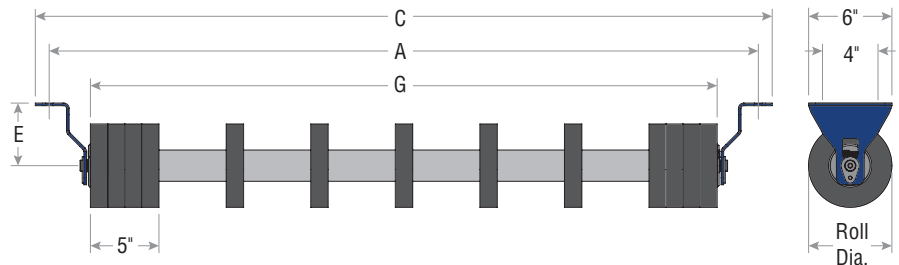
Returns (E = 4.5", Belt Saver)

Belt Width	4" Roll Diameter			5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
18	C4-R-18-09-4S	20	C4-R-18-09	C5-R-18-09-4S	23	C5-R-18-09	C6-R-18-09-4S	27	C6-R-18-09
20	C4-R-20-09-4S	21	C4-R-20-09	C5-R-20-09-4S	25	C5-R-20-09	C6-R-20-09-4S	29	C6-R-20-09
24	C4-R-24-09-4S	24	C4-R-24-09	C5-R-24-09-4S	28	C5-R-24-09	C6-R-24-09-4S	33	C6-R-24-09
30	C4-R-30-09-4S	28	C4-R-30-09	C5-R-30-09-4S	33	C5-R-30-09	C6-R-30-09-4S	38	C6-R-30-09
36	C4-R-36-09-4S	32	C4-R-36-09	C5-R-36-09-4S	38	C5-R-36-09	C6-R-36-09-4S	44	C6-R-36-09
42	C4-R-42-09-4S	36	C4-R-42-09	C5-R-42-09-4S	43	C5-R-42-09	C6-R-42-09-4S	49	C6-R-42-09
48	C4-R-48-09-4S	40	C4-R-48-09	C5-R-48-09-4S	48	C5-R-48-09	C6-R-48-09-4S	55	C6-R-48-09
*54	C4-R-54-09-4S	45	C4-R-54-09	C5-R-54-09-4S	52	C5-R-54-09	C6-R-54-09-4S	60	C6-R-54-09
*60	C4-R-60-09-4S	49	C4-R-60-09	C5-R-60-09-4S	57	C5-R-60-09	C6-R-60-09-4S	66	C6-R-60-09

*CEMA recommends class D idlers.

Note: Brackets May Be Sold Separately (page N-63).

Belt Width	Standard Dimensions		
	A	C	G
18	27	29	21.13
20	29	31	23.13
24	33	35	27.13
30	39	41	33.13
36	45	47	39.13
42	51	53	45.13
48	57	59	51.13
54	63	65	57.13
60	69	71	63.13



Return Rubber Discs (E = 1.5")

Belt Width	4" Roll Diameter			5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
18	C4-RRD-18-1	19	C4-RRD-18	C5-RRD-18-1	22	C5-RRD-18	C6-RRD-18-1	25	C6-RRD-18
20	C4-RRD-20-1	20	C4-RRD-20	C5-RRD-20-1	23	C5-RRD-20	C6-RRD-20-1	26	C6-RRD-20
24	C4-RRD-24-1	23	C4-RRD-24	C5-RRD-24-1	26	C5-RRD-24	C6-RRD-24-1	30	C6-RRD-24
30	C4-RRD-30-1	27	C4-RRD-30	C5-RRD-30-1	30	C5-RRD-30	C6-RRD-30-1	35	C6-RRD-30
36	C4-RRD-36-1	31	C4-RRD-36	C5-RRD-36-1	35	C5-RRD-36	C6-RRD-36-1	39	C6-RRD-36
42	C4-RRD-42-1	35	C4-RRD-42	C5-RRD-42-1	39	C5-RRD-42	C6-RRD-42-1	44	C6-RRD-42
48	C4-RRD-48-1	39	C4-RRD-48	C5-RRD-48-1	43	C5-RRD-48	C6-RRD-48-1	49	C6-RRD-48
*54	C4-RRD-54-1	43	C4-RRD-54	C5-RRD-54-1	48	C5-RRD-54	C6-RRD-54-1	53	C6-RRD-54
*60	C4-RRD-60-1	47	C4-RRD-60	C5-RRD-60-1	52	C5-RRD-60	C6-RRD-60-1	58	C6-RRD-60

Return Rubber Discs (E = 4.5")

Belt Width	4" Roll Diameter			5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
18	C4-RRD-18-4	21	C4-RRD-18	C5-RRD-18-4	24	C5-RRD-18	C6-RRD-18-4	27	C6-RRD-18
20	C4-RRD-20-4	22	C4-RRD-20	C5-RRD-20-4	25	C5-RRD-20	C6-RRD-20-4	28	C6-RRD-20
24	C4-RRD-24-4	25	C4-RRD-24	C5-RRD-24-4	28	C5-RRD-24	C6-RRD-24-4	32	C6-RRD-24
30	C4-RRD-30-4	29	C4-RRD-30	C5-RRD-30-4	32	C5-RRD-30	C6-RRD-30-4	37	C6-RRD-30
36	C4-RRD-36-4	33	C4-RRD-36	C5-RRD-36-4	37	C5-RRD-36	C6-RRD-36-4	41	C6-RRD-36
42	C4-RRD-42-4	37	C4-RRD-42	C5-RRD-42-4	41	C5-RRD-42	C6-RRD-42-4	46	C6-RRD-42
48	C4-RRD-48-4	41	C4-RRD-48	C5-RRD-48-4	45	C5-RRD-48	C6-RRD-48-4	51	C6-RRD-48
*54	C4-RRD-54-4	45	C4-RRD-54	C5-RRD-54-4	50	C5-RRD-54	C6-RRD-54-4	55	C6-RRD-54
*60	C4-RRD-60-4	49	C4-RRD-60	C5-RRD-60-4	54	C5-RRD-60	C6-RRD-60-4	60	C6-RRD-60

Return Rubber Discs (E = 4.5", Belt Saver)

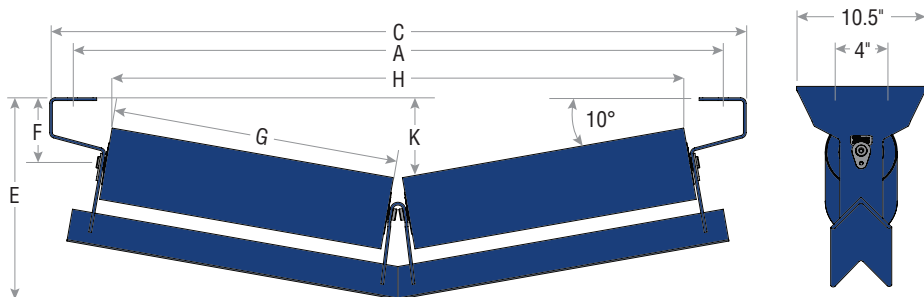
Belt Width	4" Roll Diameter			5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
18	C4-RRD-18-4S	22	C4-RRD-18	C5-RRD-18-4S	25	C5-RRD-18	C6-RRD-18-4S	28	C6-RRD-18
20	C4-RRD-20-4S	23	C4-RRD-20	C5-RRD-20-4S	26	C5-RRD-20	C6-RRD-20-4S	29	C6-RRD-20
24	C4-RRD-24-4S	26	C4-RRD-24	C5-RRD-24-4S	29	C5-RRD-24	C6-RRD-24-4S	33	C6-RRD-24
30	C4-RRD-30-4S	30	C4-RRD-30	C5-RRD-30-4S	33	C5-RRD-30	C6-RRD-30-4S	38	C6-RRD-30
36	C4-RRD-36-4S	34	C4-RRD-36	C5-RRD-36-4S	38	C5-RRD-36	C6-RRD-36-4S	42	C6-RRD-36
42	C4-RRD-42-4S	38	C4-RRD-42	C5-RRD-42-4S	42	C5-RRD-42	C6-RRD-42-4S	47	C6-RRD-42
48	C4-RRD-48-4S	42	C4-RRD-48	C5-RRD-48-4S	46	C5-RRD-48	C6-RRD-48-4S	52	C6-RRD-48
*54	C4-RRD-54-4S	46	C4-RRD-54	C5-RRD-54-4S	51	C5-RRD-54	C6-RRD-54-4S	56	C6-RRD-54
*60	C4-RRD-60-4S	50	C4-RRD-60	C5-RRD-60-4S	55	C5-RRD-60	C6-RRD-60-4S	61	C6-RRD-60

*CEMA recommends class D idlers.

Note: Brackets May Be Sold Separately (page N-63).

CEMA C V>Returns

Martin



Belt Width	Standard Dimensions		
	A	C	G
24	33	35	13.63
30	39	41	16.69
36	45	47	19.75
42	51	53	22.81
48	57	59	25.88
54	63	65	28.88
60	69	71	31.94

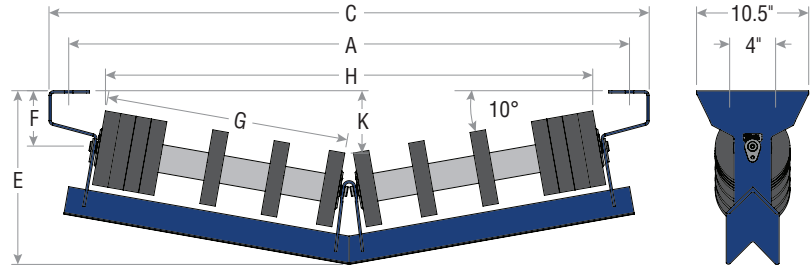
V>Returns (F = 4.5")

Belt Width	5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
24	C5-10V4-24-09	12.88	27.5	4.5	48	C5-V-24-09	C6-10V4-24-09	12.88	27.38	3.75	54	C6-V-24-09
30	C5-10V4-30-09	13.38	33.5	5	56	C5-V-30-09	C6-10V4-30-09	13.38	33.38	4.5	61	C6-V-30-09
36	C5-10V4-36-09	13.88	39.5	5.38	64	C5-V-36-09	C6-10V4-36-09	13.88	39.38	4.88	70	C6-V-36-09
42	C5-10V4-42-09	14.44	45.63	6	71	C5-V-42-09	C6-10V4-42-09	14.44	45.44	5.5	78	C6-V-42-09
48	C5-10V4-48-09	14.94	51.5	6.5	77	C5-V-48-09	C6-10V4-48-09	14.94	51.38	6	85	C6-V-48-09
54	C5-10V4-54-09	15.5	57.5	6.75	85	C5-V-54-09	C6-10V4-54-09	15.5	57.38	6.25	93	C6-V-54-09
60	C5-10V4-60-09	16	63.5	7.63	91	C5-V-60-09	C6-10V4-60-09	16	63.38	7.13	101	C6-V-60-09

V>Returns (F = 7")

Belt Width	5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
24	C5-10V7-24-09	15.38	27.5	6.75	51	C5-V-24-09	C6-10V7-24-09	15.38	27.38	6.25	57	C6-V-24-09
30	C5-10V7-30-09	15.88	33.5	7.5	59	C5-V-30-09	C6-10V7-30-09	15.88	33.38	7	64	C6-V-30-09
36	C5-10V7-36-09	16.44	39.5	7.88	67	C5-V-36-09	C6-10V7-36-09	16.44	39.38	7.38	73	C6-V-36-09
42	C5-10V7-42-09	16.94	45.63	8.5	74	C5-V-42-09	C6-10V7-42-09	16.94	45.44	8	81	C6-V-42-09
48	C5-10V7-48-09	17.44	51.5	9	80	C5-V-48-09	C6-10V7-48-09	17.44	51.38	8.5	88	C6-V-48-09
54	C5-10V7-54-09	18	57.5	9.25	88	C5-V-54-09	C6-10V7-54-09	18	57.38	8.75	96	C6-V-54-09
60	C5-10V7-60-09	18.5	63.5	10.13	94	C5-V-60-09	C6-10V7-60-09	18.5	63.38	9.63	104	C6-V-60-09

Belt Width	Standard Dimensions		
	A	C	G
24	33	35	13.13
30	39	41	16.19
36	45	47	19.25
42	51	53	22.31
48	57	59	25.38
54	63	65	28.38
60	69	71	31.44



V-Return Rubber Discs (F = 4.5")

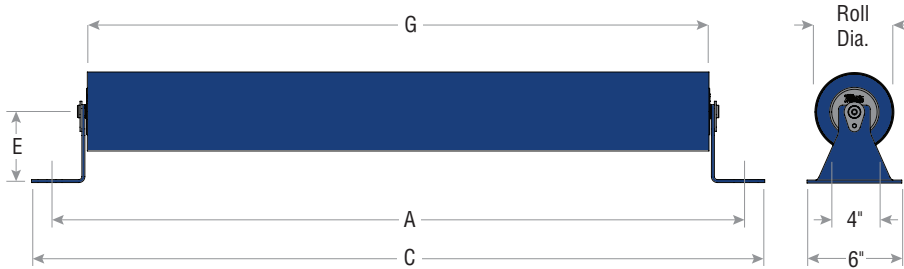
Belt Width	5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
24	C5-10VRD4-24	12.88	26.88	4.25	42	C5-VRD-24	C6-10VRD4-24	12.88	27.06	3.75	46	C6-VRD-24
30	C5-10VRD4-30	13.38	32.88	5	48	C5-VRD-30	C6-10VRD4-30	13.38	33.06	4.5	54	C6-VRD-30
36	C5-10VRD4-36	13.88	38.88	5.38	52	C5-VRD-36	C6-10VRD4-36	13.88	39.06	4.88	59	C6-VRD-36
42	C5-10VRD4-42	14.44	44.94	6	59	C5-VRD-42	C6-10VRD4-42	14.44	45.06	5.5	66	C6-VRD-42
48	C5-10VRD4-48	14.94	50.88	6.5	65	C5-VRD-48	C6-10VRD4-48	14.94	51.06	6	71	C6-VRD-48
54	C5-10VRD4-54	15.5	56.88	6.75	70	C5-VRD-54	C6-10VRD4-54	15.5	57.06	6.25	78	C6-VRD-54
60	C5-10VRD4-60	16	62.88	7.63	77	C5-VRD-60	C6-10VRD4-60	16	63.06	7.13	86	C6-VRD-60

V-Return Rubber Discs (F = 7")

Belt Width	5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
24	C5-10VRD7-24	15.38	26.88	6.75	43	C5-VRD-24	C6-10VRD7-24	15.38	27.06	6.25	47	C6-VRD-24
30	C5-10VRD7-30	15.88	32.88	7.5	49	C5-VRD-30	C6-10VRD7-30	15.88	33.06	7	54	C6-VRD-30
36	C5-10VRD7-36	16.44	38.88	7.88	53	C5-VRD-36	C6-10VRD7-36	16.44	39.06	7.38	60	C6-VRD-36
42	C5-10VRD7-42	16.94	44.94	8.5	60	C5-VRD-42	C6-10VRD7-42	16.94	45.06	8	66	C6-VRD-42
48	C5-10VRD7-48	17.44	50.88	9	65	C5-VRD-48	C6-10VRD7-48	17.44	51.06	8.5	72	C6-VRD-48
54	C5-10VRD7-54	18	56.88	9.25	70	C5-VRD-54	C6-10VRD7-54	18	57.06	8.75	79	C6-VRD-54
60	C5-10VRD7-60	18.5	62.88	10.13	76	C5-VRD-60	C6-10VRD7-60	18.5	63.06	9.63	87	C6-VRD-60

CEMA C Flat Carriers

Martin



Belt Width	Standard Dimensions		
	A	C	G
18	27	29	21.38
20	29	31	23.38
24	33	35	27.38
30	39	41	33.38
36	45	47	39.38
42	51	53	45.38
48	57	59	51.38
54	63	65	57.38
60	69	71	63.38

Flat Carriers (E = 1.5")

Belt Width	4" Roll Diameter			5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
18	C4-F-18-09-1	19	C4-F-18-09	C5-F-18-09-1	23	C5-F-18-09	C6-F-18-09-1	26	C6-F-18-09
20	C4-F-20-09-1	21	C4-F-20-09	C5-F-20-09-1	24	C5-F-20-09	C6-F-20-09-1	28	C6-F-20-09
24	C4-F-24-09-1	23	C4-F-24-09	C5-F-24-09-1	27	C5-F-24-09	C6-F-24-09-1	31	C6-F-24-09
30	C4-F-30-09-1	27	C4-F-30-09	C5-F-30-09-1	32	C5-F-30-09	C6-F-30-09-1	37	C6-F-30-09
36	C4-F-36-09-1	32	C4-F-36-09	C5-F-36-09-1	37	C5-F-36-09	C6-F-36-09-1	43	C6-F-36-09
42	C4-F-42-09-1	35	C4-F-42-09	C5-F-42-09-1	42	C5-F-42-09	C6-F-42-09-1	48	C6-F-42-09
48	C4-F-48-09-1	40	C4-F-48-09	C5-F-48-09-1	47	C5-F-48-09	C6-F-48-09-1	54	C6-F-48-09
*54	C4-F-54-09-1	44	C4-F-54-09	C5-F-54-09-1	51	C5-F-54-09	C6-F-54-09-1	59	C6-F-54-09
*60	C4-F-60-09-1	48	C4-F-60-09	C5-F-60-09-1	57	C5-F-60-09	C6-F-60-09-1	65	C6-F-60-09

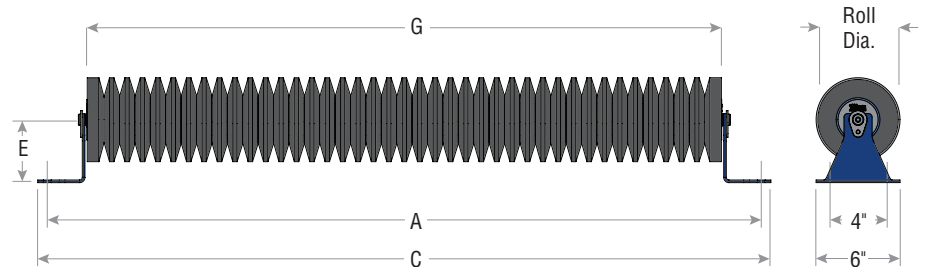
Flat Carriers (E = 4.5")

Belt Width	4" Roll Diameter			5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
18	C4-F-18-09-4	21	C4-F-18-09	C5-F-18-09-4	25	C5-F-18-09	C6-F-18-09-4	28	C6-F-18-09
20	C4-F-20-09-4	23	C4-F-20-09	C5-F-20-09-4	26	C5-F-20-09	C6-F-20-09-4	30	C6-F-20-09
24	C4-F-24-09-4	25	C4-F-24-09	C5-F-24-09-4	29	C5-F-24-09	C6-F-24-09-4	33	C6-F-24-09
30	C4-F-30-09-4	29	C4-F-30-09	C5-F-30-09-4	34	C5-F-30-09	C6-F-30-09-4	39	C6-F-30-09
36	C4-F-36-09-4	34	C4-F-36-09	C5-F-36-09-4	39	C5-F-36-09	C6-F-36-09-4	45	C6-F-36-09
42	C4-F-42-09-4	37	C4-F-42-09	C5-F-42-09-4	44	C5-F-42-09	C6-F-42-09-4	50	C6-F-42-09
48	C4-F-48-09-4	42	C4-F-48-09	C5-F-48-09-4	49	C5-F-48-09	C6-F-48-09-4	56	C6-F-48-09
*54	C4-F-54-09-4	46	C4-F-54-09	C5-F-54-09-4	53	C5-F-54-09	C6-F-54-09-4	61	C6-F-54-09
*60	C4-F-60-09-4	50	C4-F-60-09	C5-F-60-09-4	59	C5-F-60-09	C6-F-60-09-4	67	C6-F-60-09

*CEMA recommends class D idlers.

Note: Brackets May Be Sold Separately (page N-63).

Belt Width	Standard Dimensions		
	A	C	G
18	27	29	21.38
20	29	31	23.38
24	33	35	27.38
30	39	41	33.38
36	45	47	39.38
42	51	53	45.38
48	57	59	51.38
54	63	65	57.38
60	69	71	63.38



Flat Rubber Disc Carriers (E = 1.5")

Belt Width	5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
18	C5-FRD-18-1	25	C5-FRD-18	C6-FRD-18-1	29	C6-FRD-18
20	C5-FRD-20-1	28	C5-FRD-20	C6-FRD-20-1	32	C6-FRD-20
24	C5-FRD-24-1	32	C5-FRD-24	C6-FRD-24-1	37	C6-FRD-24
30	C5-FRD-30-1	38	C5-FRD-30	C6-FRD-30-1	44	C6-FRD-30
36	C5-FRD-36-1	44	C5-FRD-36	C6-FRD-36-1	51	C6-FRD-36
42	C5-FRD-42-1	50	C5-FRD-42	C6-FRD-42-1	58	C6-FRD-42
48	C5-FRD-48-1	56	C5-FRD-48	C6-FRD-48-1	65	C6-FRD-48
*54	C5-FRD-54-1	62	C5-FRD-54	C6-FRD-54-1	73	C6-FRD-54
*60	C5-FRD-60-1	68	C5-FRD-60	C6-FRD-60-1	80	C6-FRD-60

Flat Rubber Disc Carriers (E = 4.5")

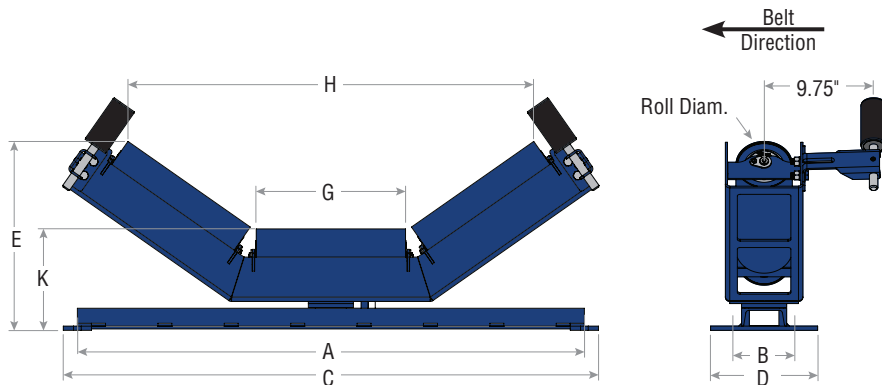
Belt Width	5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
18	C5-FRD-18-4	27	C5-FRD-18	C6-FRD-18-4	31	C6-FRD-18
20	C5-FRD-20-4	30	C5-FRD-20	C6-FRD-20-4	34	C6-FRD-20
24	C5-FRD-24-4	34	C5-FRD-24	C6-FRD-24-4	39	C6-FRD-24
30	C5-FRD-30-4	40	C5-FRD-30	C6-FRD-30-4	46	C6-FRD-30
36	C5-FRD-36-4	46	C5-FRD-36	C6-FRD-36-4	53	C6-FRD-36
42	C5-FRD-42-4	52	C5-FRD-42	C6-FRD-42-4	60	C6-FRD-42
48	C5-FRD-48-4	58	C5-FRD-48	C6-FRD-48-4	67	C6-FRD-48
*54	C5-FRD-54-4	64	C5-FRD-54	C6-FRD-54-4	75	C6-FRD-54
*60	C5-FRD-60-4	70	C5-FRD-60	C6-FRD-60-4	82	C6-FRD-60

*CEMA recommends class D idlers.

Note: Brackets May Be Sold Separately (page N-63).

CEMA C Self-Aligner Equal Troughers

Martin



Belt Width	Standard Dimensions					Wide Base	
	A	B	C	D	G	Aw*	Cw*
18	27	5.5	29.5	9.5	6.75	33	35
20	29	5.5	31.5	9.5	7.63	35	37
24	33	5.5	35.5	9.5	8.94	39	41
30	39	5.5	41.5	9.5	11.13	45	47
36	45	5.5	47.5	9.5	13.25	51	53
42	51	5.5	53.5	9.5	15.44	57	59
48	57	5.5	59.5	9.5	17.63	63	65
54	63	7	65.5	11	19.75	69	71
60	69	7	71.5	11	21.75	75	77

*Dimension not shown; for wide base.

20° Self-Aligner Equal Troughers

Belt Width	4" Roll Diameter						5" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
18	C4-20TSA-18-09	10.94	21.06	8.5	61	C4-T-18-09	C5-20TSA-18-09	11.44	20.69	9	64	C5-T-18-09
20	C4-20TSA-20-09	11.25	23.56	8.5	65	C4-T-20-09	C5-20TSA-20-09	11.75	23.25	9	68	C5-T-20-09
24	C4-20TSA-24-09	11.69	27.38	8.5	69	C4-T-24-09	C5-20TSA-24-09	12.19	27.06	9	73	C5-T-24-09
30	C4-20TSA-30-09	12.5	33.63	8.5	76	C4-T-30-09	C5-20TSA-30-09	12.94	33.38	9	82	C5-T-30-09
36	C4-20TSA-36-09	13.19	39.75	8.5	84	C4-T-36-09	C5-20TSA-36-09	13.69	39.44	9	91	C5-T-36-09
42	C4-20TSA-42-09	14.44	46.06	9	92	C4-T-42-09	C5-20TSA-42-09	14.94	45.75	9.5	99	C5-T-42-09
48	C4-20TSA-48-09	15.19	52.38	9	100	C4-T-48-09	C5-20TSA-48-09	15.69	52.06	9.5	108	C5-T-48-09
54	C4-20TSA-54-09	15.94	58.5	9	108	C4-T-54-09	C5-20TSA-54-09	16.38	58.19	9.5	117	C5-T-54-09
60	C4-20TSA-60-09	16.56	64.25	9	115	C4-T-60-09	C5-20TSA-60-09	17.06	63.88	9.5	125	C5-T-60-09

Belt Width	6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll
18	C6-20TSA-18-09	11.88	20.38	9	68	C6-T-18-09
20	C6-20TSA-20-09	12.19	22.88	9	74	C6-T-20-09
24	C6-20TSA-24-09	12.63	26.69	9	78	C6-T-24-09
30	C6-20TSA-30-09	13.44	32.94	9.13	88	C6-T-30-09
36	C6-20TSA-36-09	14.13	39.13	9.13	97	C6-T-36-09
42	C6-20TSA-42-09	15.38	45.44	9.5	107	C6-T-42-09
48	C6-20TSA-48-09	16.13	51.75	9.5	117	C6-T-48-09
54	C6-20TSA-54-09	16.88	57.81	9.5	126	C6-T-54-09
60	C6-20TSA-60-09	17.5	63.56	9.5	135	C6-T-60-09



CEMA C Self-Aligner Equal Troughers

35° Self-Aligner Equal Troughers

Belt Width	4" Roll Diameter					Replacement Roll	5" Roll Diameter					Replacement Roll
	Part Number	E	H	K	Wt.		Part Number	E	H	K	Wt.	
18	C4-35TSA-18-09	12.63	19.38	8.5	63	C4-T-18-09	C5-35TSA-18-09	13.06	18.81	9	66	C5-T-18-09
20	C4-35TSA-20-09	13.13	21.69	8.5	67	C4-T-20-09	C5-35TSA-20-09	13.56	21.13	9	70	C5-T-20-09
24	C4-35TSA-24-09	13.88	25.13	8.5	71	C4-T-24-09	C5-35TSA-24-09	14.31	24.56	9	75	C5-T-24-09
30	C4-35TSA-30-09	15.13	30.94	8.5	78	C4-T-30-09	C5-35TSA-30-09	15.56	30.38	9	84	C5-T-30-09
36	C4-35TSA-36-09	16.31	36.5	8.5	86	C4-T-36-09	C5-35TSA-36-09	16.75	35.94	9	93	C5-T-36-09
42	C4-35TSA-42-09	18.13	42.31	9	94	C4-T-42-09	C5-35TSA-42-09	18.56	41.75	9.5	101	C5-T-42-09
48	C4-35TSA-48-09	19.38	48.06	9	102	C4-T-48-09	C5-35TSA-48-09	19.81	47.5	9.5	110	C5-T-48-09
54	C4-35TSA-54-09	20.63	53.67	9	110	C4-T-54-09	C5-35TSA-54-09	21	53.13	9.5	119	C5-T-54-09
60	C4-35TSA-60-09	21.75	58.94	9	117	C4-T-60-09	C5-35TSA-60-09	22.19	58.38	9.5	127	C5-T-60-09

Belt Width	6" Roll Diameter					Replacement Roll
	Part Number	E	H	K	Wt.	
18	C6-35TSA-18-09	13.56	18.25	9	70	C6-T-18-09
20	C6-35TSA-20-09	14	20.56	9	76	C6-T-20-09
24	C6-35TSA-24-09	14.75	24.06	9	80	C6-T-24-09
30	C6-35TSA-30-09	16.06	29.81	9.13	90	C6-T-30-09
36	C6-35TSA-36-09	17.19	35.44	9.13	99	C6-T-36-09
42	C6-35TSA-42-09	18.94	41.19	9.5	109	C6-T-42-09
48	C6-35TSA-48-09	20.19	46.94	9.5	119	C6-T-48-09
54	C6-35TSA-54-09	21.44	52.56	9.5	128	C6-T-54-09
60	C6-35TSA-60-09	22.56	57.88	9.5	137	C6-T-60-09

45° Self-Aligner Equal Troughers

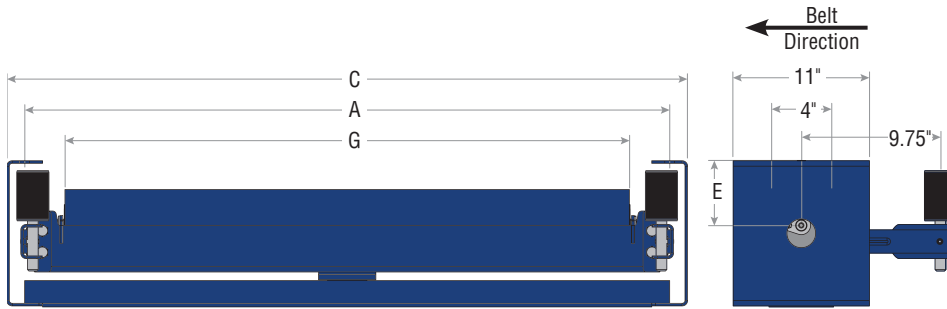
Belt Width	4" Roll Diameter					Replacement Roll	5" Roll Diameter					Replacement Roll
	Part Number	E	H	K	Wt.		Part Number	E	H	K	Wt.	
18	C4-45TSA-18-09	13.69	18.13	8.5	65	C4-T-18-09	C5-45TSA-18-09	13.88	17.5	9	68	C5-T-18-09
20	C4-45TSA-20-09	14.25	20.31	8.5	69	C4-T-20-09	C5-45TSA-20-09	14.5	19.63	9	72	C5-T-20-09
24	C4-45TSA-24-09	15.19	23.38	8.5	73	C4-T-24-09	C5-45TSA-24-09	15.38	22.75	9	77	C5-T-24-09
30	C4-45TSA-30-09	16.75	28.69	8.5	80	C4-T-30-09	C5-45TSA-30-09	16.94	28.06	9	86	C5-T-30-09
36	C4-45TSA-36-09	18.25	33.38	8.5	88	C4-T-36-09	C5-45TSA-36-09	18.44	33.13	9	95	C5-T-36-09
42	C4-45TSA-42-09	20.31	39.13	9	96	C4-T-42-09	C5-45TSA-42-09	20.44	38.44	9.5	103	C5-T-42-09
48	C4-45TSA-48-09	21.88	44.44	9	104	C4-T-48-09	C5-45TSA-48-09	22	43.69	9.5	112	C5-T-48-09
54	C4-45TSA-54-09	23.38	49.56	9	112	C4-T-54-09	C5-45TSA-54-09	23.69	48.81	9.5	121	C5-T-54-09
60	C4-45TSA-60-09	24.75	54.38	9	119	C4-T-60-09	C5-45TSA-60-09	25.13	53.69	9.5	129	C5-T-60-09

Belt Width	6" Roll Diameter					Replacement Roll
	Part Number	E	H	K	Wt.	
18	C6-45TSA-18-09	14.38	16.81	9	72	C6-T-18-09
20	C6-45TSA-20-09	15	18.94	9	78	C6-T-20-09
24	C6-45TSA-24-09	15.88	22.13	9	82	C6-T-24-09
30	C6-45TSA-30-09	17.5	27.38	9.13	92	C6-T-30-09
36	C6-45TSA-36-09	18.94	32.31	9.13	101	C6-T-36-09
42	C6-45TSA-42-09	21	37.69	9.5	111	C6-T-42-09
48	C6-45TSA-48-09	22.56	43.06	9.5	121	C6-T-48-09
54	C6-45TSA-54-09	24.06	48.06	9.5	130	C6-T-54-09
60	C6-45TSA-60-09	25.44	53	9.5	139	C6-T-60-09

CEMA C

Return Self-Aligners

Martin



Belt Width	Standard Dimensions			Wide Base	
	A	C	G	Aw*	Cw*
18	27	31.38	21.38	33	35
20	29	33.38	23.38	35	37
24	33	37.38	27.38	39	41
30	39	43.38	33.38	45	47
36	45	49.38	39.38	51	53
42	51	55.38	45.38	57	59
48	57	61.38	51.38	63	65
54	63	67.38	57.38	69	71
60	69	73.38	63.38	75	77

*Dimension not shown; for wide base.

Return Self-Aligners (E = 1.5")

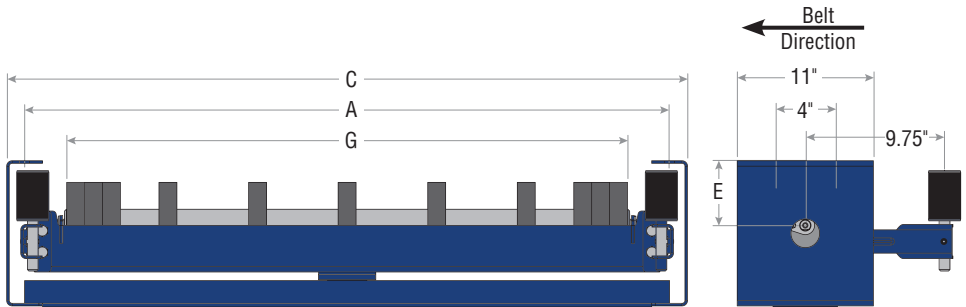
Belt Width	4" Roll Diameter			5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
18	C4-RSA1-18-09	72	C4-R-18-09	C5-RSA1-18-09	76	C5-R-18-09	C6-RSA1-18-09	79	C6-R-18-09
20	C4-RSA1-20-09	78	C4-R-20-09	C5-RSA1-20-09	81	C5-R-20-09	C6-RSA1-20-09	85	C6-R-20-09
24	C4-RSA1-24-09	84	C4-R-24-09	C5-RSA1-24-09	88	C5-R-24-09	C6-RSA1-24-09	92	C6-R-24-09
30	C4-RSA1-30-09	95	C4-R-30-09	C5-RSA1-30-09	100	C5-R-30-09	C6-RSA1-30-09	105	C6-R-30-09
36	C4-RSA1-36-09	107	C4-R-36-09	C5-RSA1-36-09	112	C5-R-36-09	C6-RSA1-36-09	118	C6-R-36-09
42	C4-RSA1-42-09	118	C4-R-42-09	C5-RSA1-42-09	124	C5-R-42-09	C6-RSA1-42-09	130	C6-R-42-09
48	C4-RSA1-48-09	129	C4-R-48-09	C5-RSA1-48-09	136	C5-R-48-09	C6-RSA1-48-09	143	C6-R-48-09
54	C4-RSA1-54-09	140	C4-R-54-09	C5-RSA1-54-09	148	C5-R-54-09	C6-RSA1-54-09	156	C6-R-54-09
60	C4-RSA1-60-09	151	C4-R-60-09	C5-RSA1-60-09	160	C5-R-60-09	C6-RSA1-60-09	169	C6-R-60-09

Return Self-Aligners (E = 4.5")

Belt Width	4" Roll Diameter			5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
18	C4-RSA4-18-09	75	C4-R-18-09	C5-RSA4-18-09	78	C5-R-18-09	C6-RSA4-18-09	81	C6-R-18-09
20	C4-RSA4-20-09	80	C4-R-20-09	C5-RSA4-20-09	83	C5-R-20-09	C6-RSA4-20-09	87	C6-R-20-09
24	C4-RSA4-24-09	86	C4-R-24-09	C5-RSA4-24-09	90	C5-R-24-09	C6-RSA4-24-09	94	C6-R-24-09
30	C4-RSA4-30-09	97	C4-R-30-09	C5-RSA4-30-09	102	C5-R-30-09	C6-RSA4-30-09	107	C6-R-30-09
36	C4-RSA4-36-09	109	C4-R-36-09	C5-RSA4-36-09	114	C5-R-36-09	C6-RSA4-36-09	120	C6-R-36-09
42	C4-RSA4-42-09	120	C4-R-42-09	C5-RSA4-42-09	126	C5-R-42-09	C6-RSA4-42-09	132	C6-R-42-09
48	C4-RSA4-48-09	131	C4-R-48-09	C5-RSA4-48-09	138	C5-R-48-09	C6-RSA4-48-09	145	C6-R-48-09
54	C4-RSA4-54-09	142	C4-R-54-09	C5-RSA4-54-09	150	C5-R-54-09	C6-RSA4-54-09	158	C6-R-54-09
60	C4-RSA4-60-09	153	C4-R-60-09	C5-RSA4-60-09	162	C5-R-60-09	C6-RSA4-60-09	171	C6-R-60-09

Belt Width	Standard Dimensions			Wide Base	
	A	C	G	Aw*	Cw*
18	27	31.38	21.13	33	35
20	29	33.38	23.13	35	37
24	33	37.38	27.13	39	41
30	39	43.38	33.13	45	47
36	45	49.38	39.13	51	53
42	51	55.38	45.13	57	59
48	57	61.38	51.13	63	65
54	63	67.38	57.13	69	71
60	69	73.38	63.13	75	77

*Dimension not shown; for wide base.



Return Rubber Disc Self-Aligners (E = 1.5")

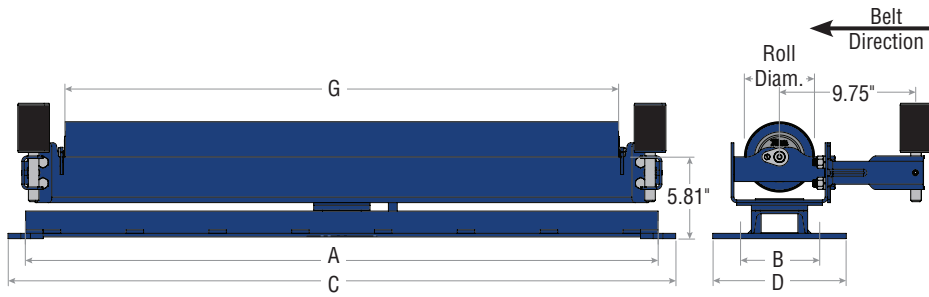
Belt Width	4" Roll Diameter			5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
18	C4-RRDSA1-18	74	C4-RRD-18	C5-RRDSA1-18	77	C5-RRD-18	C6-RRDSA1-18	80	C6-RRD-18
20	C4-RRDSA1-20	79	C4-RRD-20	C5-RRDSA1-20	81	C5-RRD-20	C6-RRDSA1-20	85	C6-RRD-20
24	C4-RRDSA1-24	85	C4-RRD-24	C5-RRDSA1-24	88	C5-RRD-24	C6-RRDSA1-24	92	C6-RRD-24
30	C4-RRDSA1-30	96	C4-RRD-30	C5-RRDSA1-30	100	C5-RRD-30	C6-RRDSA1-30	104	C6-RRD-30
36	C4-RRDSA1-36	107	C4-RRD-36	C5-RRDSA1-36	111	C5-RRD-36	C6-RRDSA1-36	116	C6-RRD-36
42	C4-RRDSA1-42	118	C4-RRD-42	C5-RRDSA1-42	123	C5-RRD-42	C6-RRDSA1-42	128	C6-RRD-42
48	C4-RRDSA1-48	129	C4-RRD-48	C5-RRDSA1-48	134	C5-RRD-48	C6-RRDSA1-48	139	C6-RRD-48
54	C4-RRDSA1-54	141	C4-RRD-54	C5-RRDSA1-54	146	C5-RRD-54	C6-RRDSA1-54	151	C6-RRD-54
60	C4-RRDSA1-60	152	C4-RRD-60	C5-RRDSA1-60	157	C5-RRD-60	C6-RRDSA1-60	163	C6-RRD-60

Return Rubber Disc Self-Aligners (E = 4.5")

Belt Width	4" Roll Diameter			5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
18	C4-RRDSA4-18	77	C4-RRD-18	C5-RRDSA4-18	79	C5-RRD-18	C6-RRDSA4-18	83	C6-RRD-18
20	C4-RRDSA4-20	81	C4-RRD-20	C5-RRDSA4-20	84	C5-RRD-20	C6-RRDSA4-20	88	C6-RRD-20
24	C4-RRDSA4-24	88	C4-RRD-24	C5-RRDSA4-24	91	C5-RRD-24	C6-RRDSA4-24	95	C6-RRD-24
30	C4-RRDSA4-30	99	C4-RRD-30	C5-RRDSA4-30	102	C5-RRD-30	C6-RRDSA4-30	107	C6-RRD-30
36	C4-RRDSA4-36	110	C4-RRD-36	C5-RRDSA4-36	114	C5-RRD-36	C6-RRDSA4-36	118	C6-RRD-36
42	C4-RRDSA4-42	121	C4-RRD-42	C5-RRDSA4-42	125	C5-RRD-42	C6-RRDSA4-42	130	C6-RRD-42
48	C4-RRDSA4-48	132	C4-RRD-48	C5-RRDSA4-48	137	C5-RRD-48	C6-RRDSA4-48	142	C6-RRD-48
54	C4-RRDSA4-54	143	C4-RRD-54	C5-RRDSA4-54	148	C5-RRD-54	C6-RRDSA4-54	154	C6-RRD-54
60	C4-RRDSA4-60	155	C4-RRD-60	C5-RRDSA4-60	160	C5-RRD-60	C6-RRDSA4-60	166	C6-RRD-60

CEMA C Flat Carrier Self-Aligners

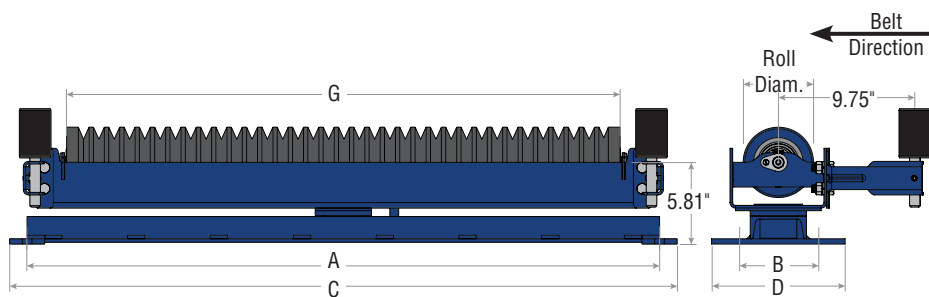
Martin



Belt Width	Standard Dimensions					Wide Base	
	A	B	C	D	G	Aw*	Cw*
18	27	5.5	29.5	9.5	21.38	33	35
20	29	5.5	31.5	9.5	23.38	35	37
24	33	5.5	35.5	9.5	27.38	39	41
30	39	5.5	41.5	9.5	33.38	45	47
36	45	5.5	47.5	9.5	39.38	51	53
42	51	5.5	53.5	9.5	45.38	57	59
48	57	5.5	59.5	9.5	51.38	63	65
54	63	7	65.5	11	57.38	69	71
60	69	7	71.5	11	63.38	75	77

Flat Carrier Self-Aligners

Belt Width	4" Roll Diameter			5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
18	C4-FSA-18-09	66	C4-F-18-09	C5-FSA-18-09	69	C5-F-18-09	C6-FSA-18-09	72	C6-F-18-09
20	C4-FSA-20-09	70	C4-F-20-09	C5-FSA-20-09	73	C5-F-20-09	C6-FSA-20-09	77	C6-F-20-09
24	C4-FSA-24-09	77	C4-F-24-09	C5-FSA-24-09	81	C5-F-24-09	C6-FSA-24-09	85	C6-F-24-09
30	C4-FSA-30-09	88	C4-F-30-09	C5-FSA-30-09	93	C5-F-30-09	C6-FSA-30-09	98	C6-F-30-09
36	C4-FSA-36-09	100	C4-F-36-09	C5-FSA-36-09	105	C5-F-36-09	C6-FSA-36-09	111	C6-F-36-09
42	C4-FSA-42-09	111	C4-F-42-09	C5-FSA-42-09	117	C5-F-42-09	C6-FSA-42-09	123	C6-F-42-09
48	C4-FSA-48-09	122	C4-F-48-09	C5-FSA-48-09	129	C5-F-48-09	C6-FSA-48-09	136	C6-F-48-09
54	C4-FSA-54-09	134	C4-F-54-09	C5-FSA-54-09	142	C5-F-54-09	C6-FSA-54-09	150	C6-F-54-09
60	C4-FSA-60-09	145	C4-F-60-09	C5-FSA-60-09	154	C5-F-60-09	C6-FSA-60-09	163	C6-F-60-09

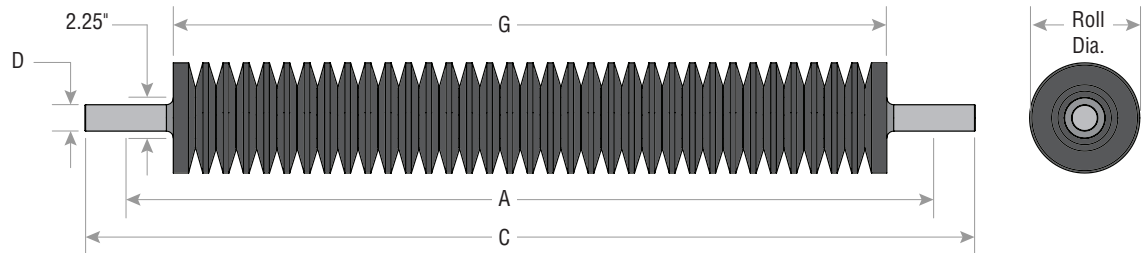


Belt Width	Standard Dimensions					Wide Base	
	A	B	C	D	G	Aw*	Cw*
18	27	5.5	29.5	9.5	21.38	33	35
20	29	5.5	31.5	9.5	23.38	35	37
24	33	5.5	35.5	9.5	27.38	39	41
30	39	5.5	41.5	9.5	33.38	45	47
36	45	5.5	47.5	9.5	39.38	51	53
42	51	5.5	53.5	9.5	45.38	57	59
48	57	5.5	59.5	9.5	51.38	63	65
54	63	7	65.5	11	57.38	69	71
60	69	7	71.5	11	63.38	75	77

Flat Rubber Disc Carrier Self-Aligners

Belt Width	4" Roll Diameter			5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
18	C4-FRDSA-18	69	C4-FRD-18	C5-FRDSA-18	72	C5-FRD-18	C6-FRDSA-18	76	C6-FRD-18
20	C4-FRDSA-20	73	C4-FRD-20	C5-FRDSA-20	77	C5-FRD-20	C6-FRDSA-20	81	C6-FRD-20
24	C4-FRDSA-24	81	C4-FRD-24	C5-FRDSA-24	86	C5-FRD-24	C6-FRDSA-24	91	C6-FRD-24
30	C4-FRDSA-30	93	C4-FRD-30	C5-FRDSA-30	99	C5-FRD-30	C6-FRDSA-30	105	C6-FRD-30
36	C4-FRDSA-36	106	C4-FRD-36	C5-FRDSA-36	112	C5-FRD-36	C6-FRDSA-36	120	C6-FRD-36
42	C4-FRDSA-42	118	C4-FRD-42	C5-FRDSA-42	125	C5-FRD-42	C6-FRDSA-42	134	C6-FRD-42
48	C4-FRDSA-48	130	C4-FRD-48	C5-FRDSA-48	138	C5-FRD-48	C6-FRDSA-48	148	C6-FRD-48
54	C4-FRDSA-54	144	C4-FRD-54	C5-FRDSA-54	153	C5-FRD-54	C6-FRDSA-54	163	C6-FRD-54
60	C4-FRDSA-60	156	C4-FRD-60	C5-FRDSA-60	166	C5-FRD-60	C6-FRDSA-60	177	C6-FRD-60

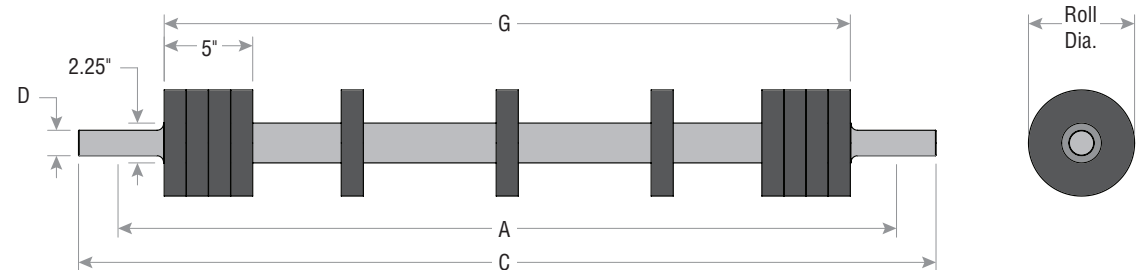
Belt Width	Standard Dimensions		
	A	C	G
18	27	30.75	20.88
20	29	32.75	22.88
24	33	36.75	26.88
30	39	42.75	32.88
36	45	48.75	38.88
42	51	54.75	44.88
48	57	60.75	50.88
54	63	66.75	56.88
60	69	72.75	62.88



Live Shaft Flat Impact Carriers

Belt Width	5" Roll Diameter			6" Roll Diameter		
	Part Number		Wt.	Part Number		Wt.
	D = 1.44"	D = 1.94"		D = 1.48"	D = 1.94"	
18	C5-LI23-18	C5-LI31-18	45	C6-LI23-18	C6-LI31-18	49
20	C5-LI23-20	C5-LI31-20	49	C6-LI23-20	C6-LI31-20	53
24	C5-LI23-24	C5-LI31-24	56	C6-LI23-24	C6-LI31-24	62
30	C5-LI23-30	C5-LI31-30	66	C6-LI23-30	C6-LI31-30	73
36	C5-LI23-36	C5-LI31-36	73	C6-LI23-36	C6-LI31-36	83
42	C5-LI23-42	C5-LI31-42	85	C6-LI23-42	C6-LI31-42	95
48	C5-LI23-48	C5-LI31-48	95	C6-LI23-48	C6-LI31-48	106
54	C5-LI23-54	C5-LI31-54	105	C6-LI23-54	C6-LI31-54	117
60	C5-LI23-60	C5-LI31-60	116	C6-LI23-60	C6-LI31-60	130

Belt Width	Standard Dimensions		
	A	C	G
18	27	30.75	20.88
20	29	32.75	22.88
24	33	36.75	26.88
30	39	42.75	32.88
36	45	48.75	38.88
42	51	54.75	44.88
48	57	60.75	50.88
54	63	66.75	56.88
60	69	72.75	62.88

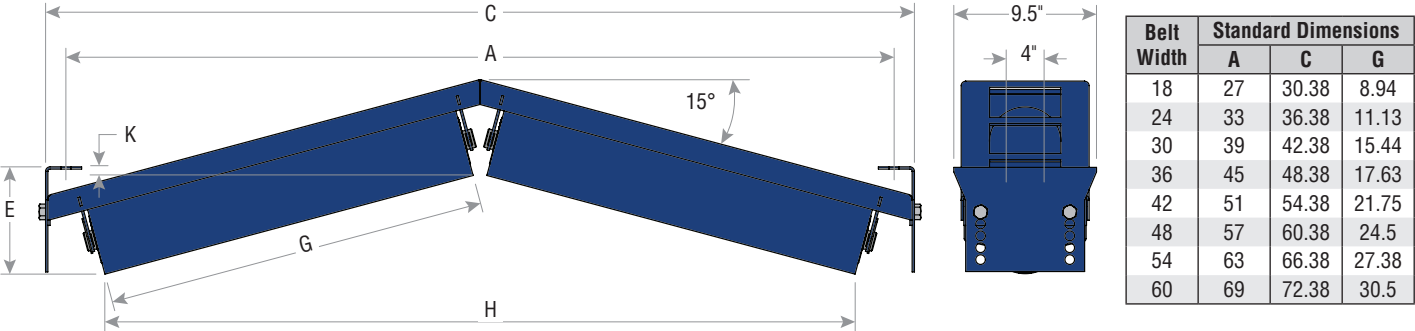


Live Shaft Return Rubber Discs

Belt Width	5" Roll Diameter			6" Roll Diameter		
	Part Number		Wt.	Part Number		Wt.
	D = 1.44"	D = 1.94"		D = 1.48"	D = 1.94"	
18	C5-LRRD23-18	C5-LRRD31-18	28	C6-LRRD23-18	C6-LRRD31-18	33
20	C5-LRRD23-20	C5-LRRD31-20	29	C6-LRRD23-20	C6-LRRD31-20	34
24	C5-LRRD23-24	C5-LRRD31-24	33	C6-LRRD23-24	C6-LRRD31-24	38
30	C5-LRRD23-30	C5-LRRD31-30	37	C6-LRRD23-30	C6-LRRD31-30	44
36	C5-LRRD23-36	C5-LRRD31-36	42	C6-LRRD23-36	C6-LRRD31-36	48
42	C5-LRRD23-42	C5-LRRD31-42	46	C6-LRRD23-42	C6-LRRD31-42	52
48	C5-LRRD23-48	C5-LRRD31-48	50	C6-LRRD23-48	C6-LRRD31-48	58
54	C5-LRRD23-54	C5-LRRD31-54	56	C6-LRRD23-54	C6-LRRD31-54	61
60	C5-LRRD23-60	C5-LRRD31-60	60	C6-LRRD23-60	C6-LRRD31-60	66

CEMA C

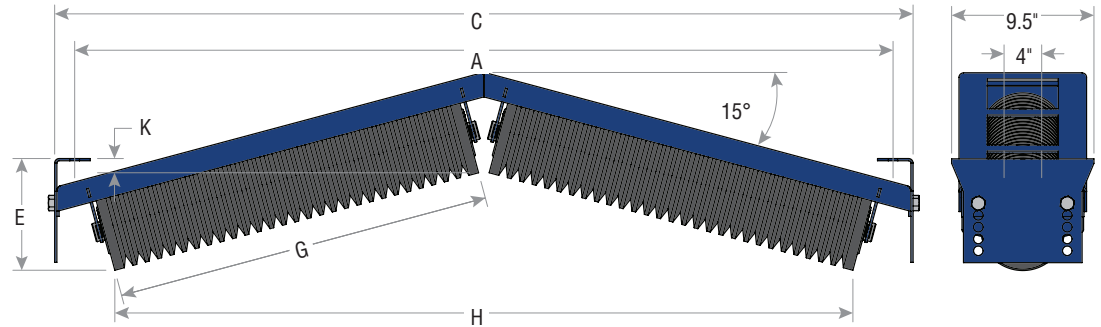
Inverted V>Returns



Inverted V>Returns

Belt Width	5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Rolls	Part Number	E	H	K	Wt.	Replacement Rolls
18	C5-15IV-18-09	6.38	18.06	2.75	53	C5-IV-18-09	C6-15IV-18-09	6.88	18.19	3.25	57	C6-IV-18-09
24	C5-15IV-24-09	6.19	22.31	1.94	59	C5-IV-24-09	C6-15IV-24-09	6.63	22.44	2.44	63	C6-IV-24-09
30	C5-15IV-30-09	6.5	30.63	1.19	68	C5-IV-30-09	C6-15IV-30-09	7	30.75	1.69	73	C6-IV-30-09
36	C5-15IV-36-09	6.31	34.81	0.38	74	C5-IV-36-09	C6-15IV-36-09	6.75	35	0.88	79	C6-IV-36-09
42	C5-15IV-42-09	6.56	42.81	-0.38	82	C5-IV-42-09	C6-15IV-42-09	7.06	42.94	0.13	89	C6-IV-42-09
48	C5-15IV-48-09	6.5	48.13	-1.19	87	C5-IV-48-09	C6-15IV-48-09	7	48.25	-0.69	95	C6-IV-48-09
54	C5-15IV-54-09	6.56	53.69	-1.94	96	C5-IV-54-09	C6-15IV-54-09	7.06	53.88	-1.5	104	C6-IV-54-09
60	C5-15IV-60-09	6.5	59.69	-2.75	106	C5-IV-60-09	C6-15IV-60-09	7	59.88	-2.25	111	C6-IV-60-09

Belt Width	Standard Dimensions		
	A	C	G
18	27	30.38	8.94
24	33	36.38	11.13
30	39	42.38	15.44
36	45	48.38	17.63
42	51	54.38	21.75
48	57	60.38	24.5
54	63	66.38	27.38
60	69	72.38	30.5



Inverted Rubber Disc V>Returns

Belt Width	5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
18	C5-15IVRD-18	6.38	18.06	2.75	54	C5-IVRD-18	C6-15IVRD-18	6.88	18.19	3.25	61	C6-IVRD-18
24	C5-15IVRD-24	6.19	22.31	1.94	61	C5-IVRD-24	C6-15IVRD-24	6.63	22.44	2.44	69	C6-IVRD-24
30	C5-15IVRD-30	6.5	30.63	1.19	72	C5-IVRD-30	C6-15IVRD-30	7	30.75	1.69	83	C6-IVRD-30
36	C5-15IVRD-36	6.31	34.81	0.38	78	C5-IVRD-36	C6-15IVRD-36	6.75	35	0.88	91	C6-IVRD-36
42	C5-15IVRD-42	6.56	42.81	-0.38	89	C5-IVRD-42	C6-15IVRD-42	7.06	42.94	0.13	105	C6-IVRD-42
48	C5-15IVRD-48	6.5	48.13	-1.19	95	C5-IVRD-48	C6-15IVRD-48	7	48.25	-0.69	117	C6-IVRD-48
54	C5-15IVRD-54	6.56	53.69	-1.94	105	C5-IVRD-54	C6-15IVRD-54	7.06	53.88	-1.5	125	C6-IVRD-54
60	C5-15IVRD-60	6.5	59.69	-2.75	111	C5-IVRD-60	C6-15IVRD-60	7	59.88	-2.25	140	C6-IVRD-60

CEMA D Series Idler Features & Benefits

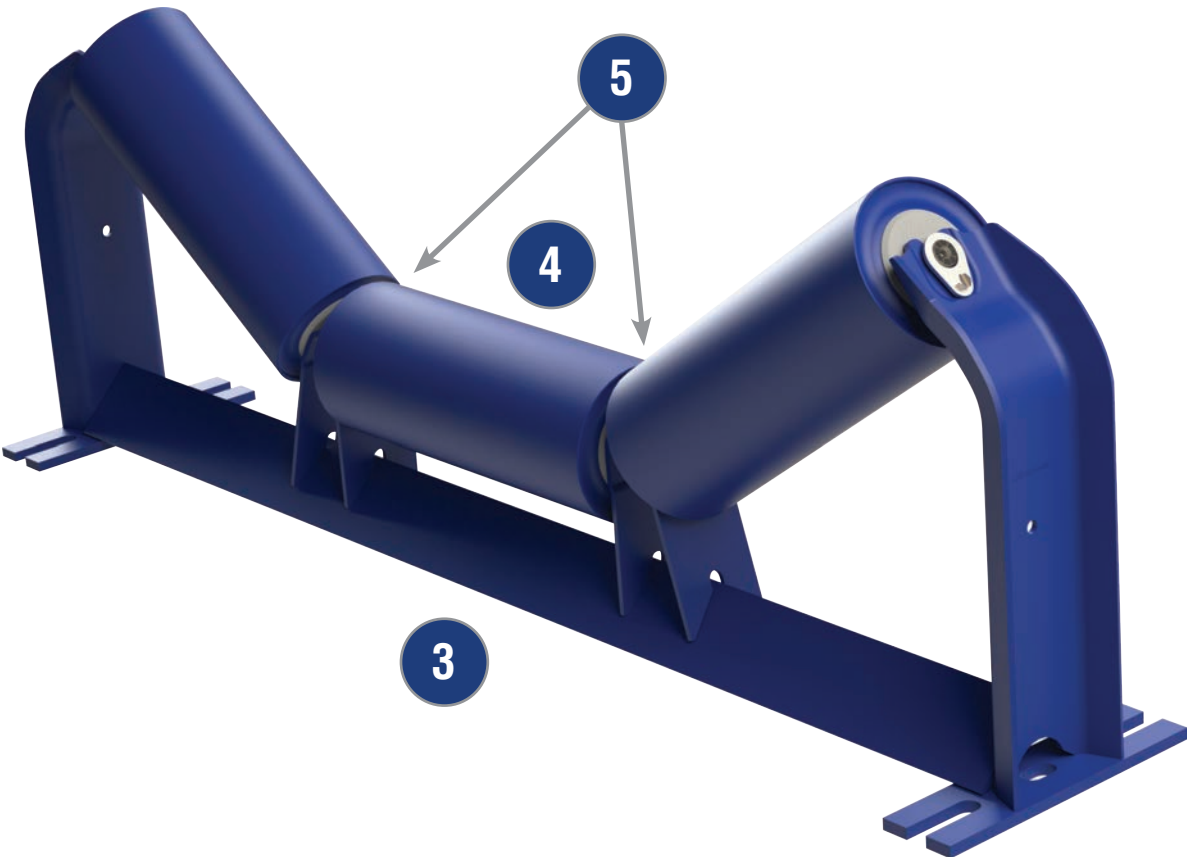


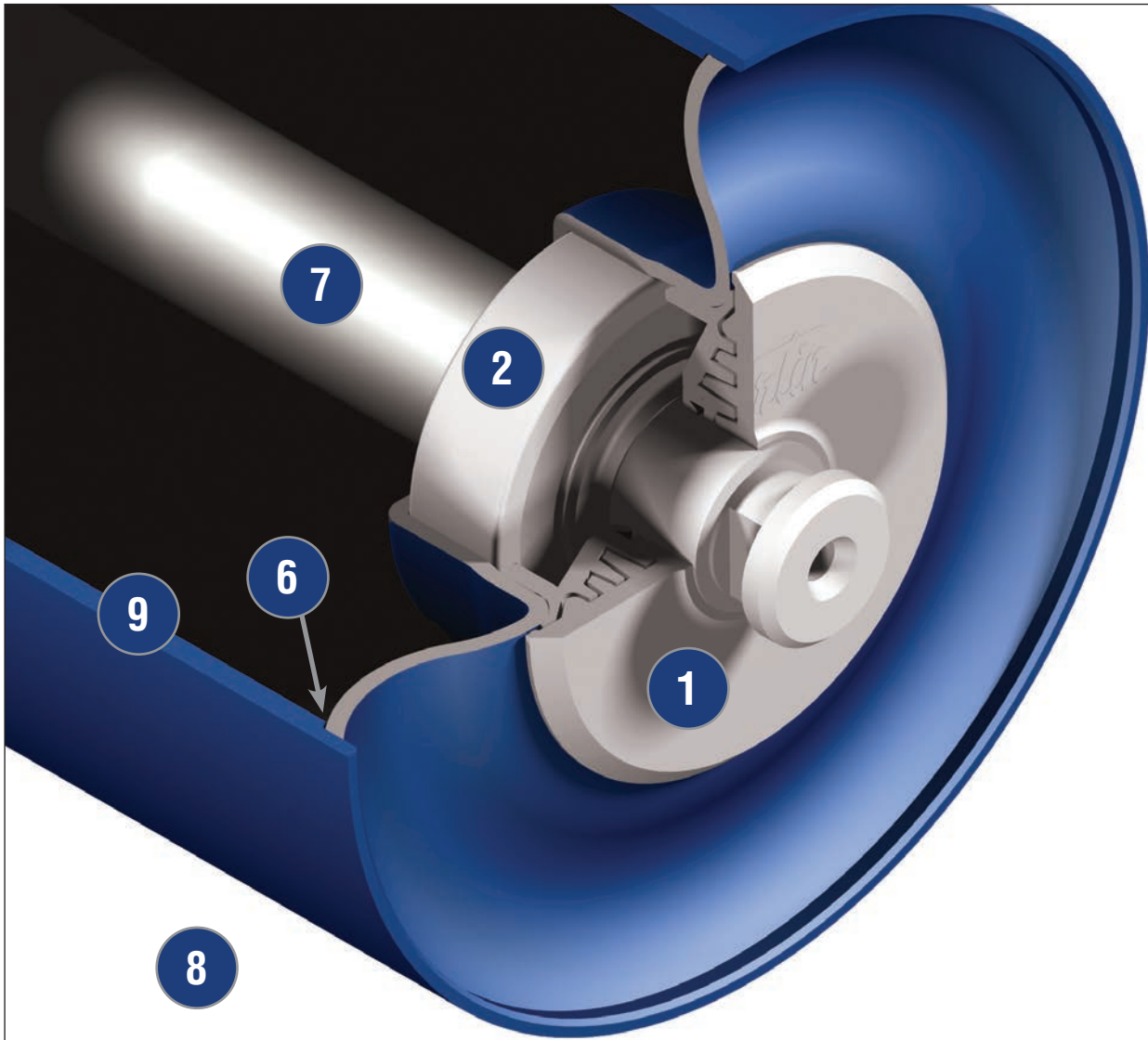
The D Series Idler sets a standard for the industry

- Manufactured using sealed for life ball bearings for long maintenance free operation
- Ultimate *Martin* Triple Labyrinth Seal guard bearing protection
- Conform to all CEMA D load and dimensional requirements
- Advanced manufacturing processes lead to extremely low roll TIR runout and balance

CEMA D Load Ratings

Belt Width	Troughing Angle			Return & Flat	Unequal (Picking)	Live Shaft
	20°	35°	45°			
18	1,200	1,200	1,200	600	—	—
24	1,200	1,200	1,200	600	600	1,400
30	1,200	1,200	1,200	600	600	1,400
36	1,200	1,200	1,200	600	600	1,400
42	1,200	1,200	1,200	500	600	1,400
48	1,200	1,200	1,200	425	530	1,275
54	1,200	1,116	1,080	375	440	1,150
60	1,150	1,070	1,035	280	440	1,000
72	1,050	977	945	155	280	850
Two Roll V>Returns (All)				850	—	—





1

Martin Triple Labyrinth Seal design offers the following exclusive *Martin* bearing protection

- External shield deters impurities from entering the bearing housing
- Flinger design removes contaminants away from the bearing housing by centrifugal force
- *Martin* Triple Labyrinth Seal is grease filled that offers an additional level of protection from contaminants and water ingress impacting the bearing.
- The contact lip seal adds additional level of protection

2

CEMA D Idlers have sealed for life ball bearings.

3

CEMA D Idlers standard product line will be 24" to 72" belt widths. Rapid response for made-to-orders will be available

4

Martin CEMA D Idlers offer extremely low rolling resistance that allows for lower operating cost

5

Roll gap meets NIBA recommendation

6

Patent pending Idler end welding allows for protection against belt wear

7

1.06" solid steel shaft machined to 25 mm at each end

8

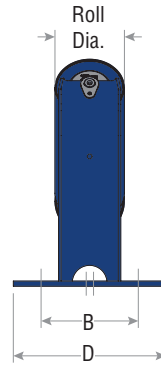
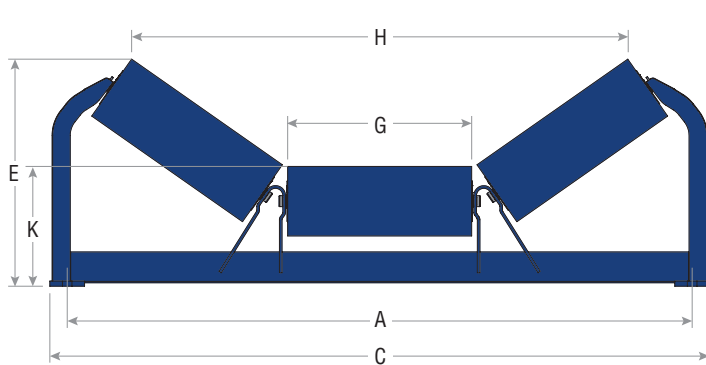
Martin Idlers have exceptionally low TIR runout

9

9 gauge steel tubing is standard for CEMA D Idlers

CEMA D Equal Troughers

Martin



Belt Width	Standard Dimensions					Wide Base	
	A	B	C	D	G	Aw*	Cw*
24	33	5.5	35.5	8	8.94	39	41.5
30	39	5.5	41.5	9.5	11.13	45	47.5
36	45	5.5	47.5	9.5	13.25	51	53.5
42	51	5.5	53.5	9.5	15.44	57	59.5
48	57	5.5	59.5	9.5	17.63	63	65.5
54	63	7	65.5	11	19.75	69	71.5
60	69	7	71.5	11	21.75	75	77.5
72	81	7	83.5	11	26	87	89.5

*Dimension not shown; for wide base.

20° Equal Troughers

Belt Width	5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
24	D5-20T-24-09	11.71	26.93	8.5	54	D5-T-24-09	D6-20T-24-09	12.18	26.59	9	59	D6-T-24-09
30	D5-20T-30-09	12.58	33.23	8.63	64	D5-T-30-09	D6-20T-30-09	13.05	32.89	9.13	70	D6-T-30-09
36	D5-20T-36-09	13.31	39.34	8.63	72	D5-T-36-09	D6-20T-36-09	13.75	39	9.13	78	D6-T-36-09
42	D5-20T-42-09	14.45	45.64	9	83	D5-T-42-09	D6-20T-42-09	14.92	45.3	9.5	90	D6-T-42-09
48	D5-20T-48-09	15.2	51.94	9	91	D5-T-48-09	D6-20T-48-09	15.67	51.6	9.5	99	D6-T-48-09
54	D5-20T-54-09	16.25	58.06	9.5	112	D5-T-54-09	D6-20T-54-09	16.72	57.72	10	121	D6-T-54-09
60	D5-20T-60-09	16.94	63.82	9.5	120	D5-T-60-09	D6-20T-60-09	17.41	63.47	10	130	D6-T-60-09
72	D5-20T-72-09	18.39	76.05	9.5	139	D5-T-72-09	D6-20T-72-09	18.86	75.71	10	151	D6-T-72-09

35° Equal Troughers

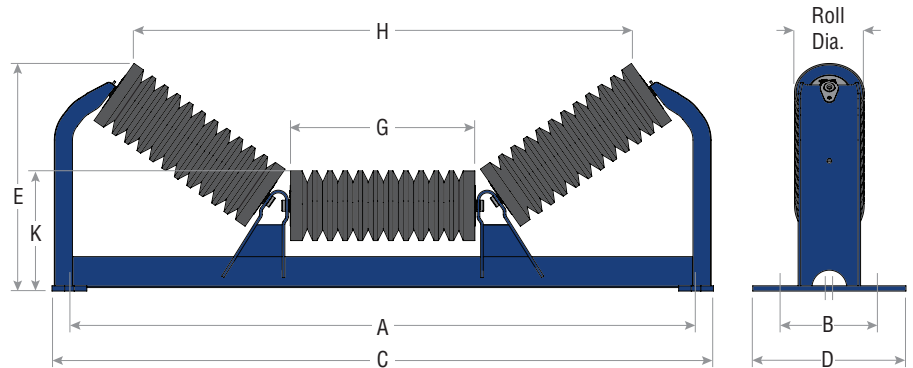
Belt Width	5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
24	D5-35T-24-09	13.79	24.33	8.5	56	D5-T-24-09	D6-35T-24-09	14.2	23.76	9	61	D6-T-24-09
30	D5-35T-30-09	15.17	30.1	8.63	66	D5-T-30-09	D6-35T-30-09	15.58	29.53	9.13	72	D6-T-30-09
36	D5-35T-36-09	16.39	35.7	8.63	74	D5-T-36-09	D6-35T-36-09	16.8	35.13	9.13	81	D6-T-36-09
42	D5-35T-42-09	18.04	41.48	9	85	D5-T-42-09	D6-35T-42-09	18.45	40.9	9.5	93	D6-T-42-09
48	D5-35T-48-09	19.29	47.25	9	94	D5-T-48-09	D6-35T-48-09	19.7	46.68	9.5	102	D6-T-48-09
54	D5-35T-54-09	20.84	52.85	9.5	115	D5-T-54-09	D6-35T-54-09	21.25	52.28	10	124	D6-T-54-09
60	D5-35T-60-09	21.99	58.13	9.5	124	D5-T-60-09	D6-35T-60-09	22.4	57.55	10	134	D6-T-60-09
72	D5-35T-72-09	24.43	69.34	9.5	143	D5-T-72-09	D6-35T-72-09	24.84	68.77	10	155	D6-T-72-09

45° Equal Troughers

Belt Width	5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
24	D5-45T-24-09	15.06	22.5	8.5	57	D5-T-24-09	D6-45T-24-09	15.41	21.8	9	62	D6-T-24-09
30	D5-45T-30-09	16.73	27.78	8.63	68	D5-T-30-09	D6-45T-30-09	17.08	27.08	9.13	74	D6-T-30-09
36	D5-45T-36-09	18.23	32.91	8.63	76	D5-T-36-09	D6-45T-36-09	18.58	32.2	9.13	83	D6-T-36-09
42	D5-45T-42-09	20.18	38.19	9	88	D5-T-42-09	D6-45T-42-09	20.53	37.49	9.5	95	D6-T-42-09
48	D5-45T-48-09	21.72	43.48	9	97	D5-T-48-09	D6-45T-48-09	22.08	42.77	9.5	105	D6-T-48-09
54	D5-45T-54-09	23.55	48.60	9.5	118	D5-T-54-09	D6-45T-54-09	23.91	47.90	10	127	D6-T-54-09
60	D5-45T-60-09	24.97	53.43	9.5	128	D5-T-60-09	D6-45T-60-09	25.32	52.72	10	138	D6-T-60-09
72	D5-45T-72-09	27.97	63.69	9.5	147	D5-T-72-09	D6-45T-72-09	28.33	62.98	10	159	D6-T-72-09

Belt Width	Standard Dimensions					Wide Base	
	A	B	C	D	G	Aw*	Cw*
24	33	5.5	35.5	8	8.94	39	41.5
30	39	5.5	41.5	9.5	11.13	45	47.5
36	45	5.5	47.5	9.5	13.25	51	53.5
42	51	5.5	53.5	9.5	15.44	57	59.5
48	57	5.5	59.5	9.5	17.63	63	65.5
54	63	7	65.5	11	19.75	69	71.5
60	69	7	71.5	11	21.75	75	77.5
72	81	7	83.5	11	26	87	89.5

*Dimension not shown; for wide base.



20° Equal Impact Troughers

Belt Width	5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
24	D5-20TI-24	11.71	26.93	8.5	64	D5-TI-24	D6-20TI-24	12.18	26.59	9	69	D6-TI-24
30	D5-20TI-30	12.58	33.23	8.63	77	D5-TI-30	D6-20TI-30	13.05	32.89	9.13	84	D6-TI-30
36	D5-20TI-36	13.31	39.34	8.63	89	D5-TI-36	D6-20TI-36	13.78	39	9.13	96	D6-TI-36
42	D5-20TI-42	14.45	45.64	9	105	D5-TI-42	D6-20TI-42	14.92	45.3	9.5	114	D6-TI-42
48	D5-20TI-48	15.2	51.95	9	117	D5-TI-48	D6-20TI-48	15.67	51.61	9.5	127	D6-TI-48
54	D5-20TI-54	16.25	58.06	9.5	144	D5-TI-54	D6-20TI-54	16.72	57.72	10	155	D6-TI-54
60	D5-20TI-60	16.94	63.82	9.5	157	D5-TI-60	D6-20TI-60	17.41	63.47	10	169	D6-TI-60
72	D5-20TI-72	18.39	76.05	9.5	183	D5-TI-72	D6-20TI-72	18.86	75.71	10	198	D6-TI-72

35° Equal Impact Troughers

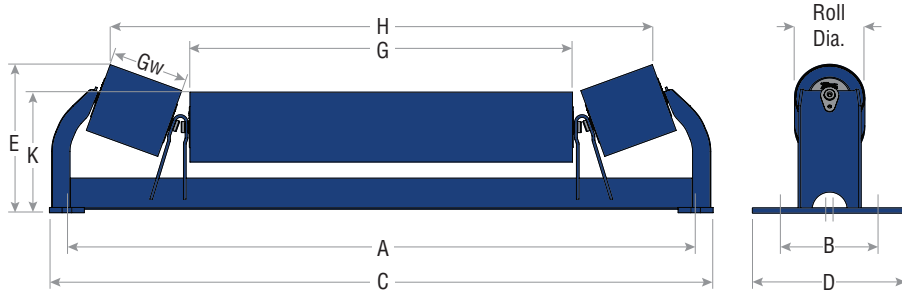
Belt Width	5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
24	D5-35TI-24	13.79	24.33	8.5	66	D5-TI-24	D6-35TI-24	14.2	23.76	9	71	D6-TI-24
30	D5-35TI-30	15.17	30.11	8.63	79	D5-TI-30	D6-35TI-30	15.58	29.53	9.13	86	D6-TI-30
36	D5-35TI-36	16.39	35.7	8.63	91	D5-TI-36	D6-35TI-36	16.8	35.13	9.13	99	D6-TI-36
42	D5-35TI-42	18	41.48	9	108	D5-TI-42	D6-35TI-42	18.41	40.91	9.5	117	D6-TI-42
48	D5-35TI-48	19.25	47.25	9	120	D5-TI-48	D6-35TI-48	19.66	46.68	9.5	130	D6-TI-48
54	D5-35TI-54	20.84	52.85	9.5	147	D5-TI-54	D6-35TI-54	21.25	52.28	10	158	D6-TI-54
60	D5-35TI-60	22	58.13	9.5	160	D5-TI-60	D6-35TI-60	22.4	57.55	10	173	D6-TI-60
72	D5-35TI-72	24.43	69.34	9.5	187	D5-TI-72	D6-35TI-72	24.84	68.77	10	203	D6-TI-72

45° Equal Impact Troughers

Belt Width	5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
24	D5-45TI-24	15.06	22.5	8.5	68	D5-TI-24	D6-45TI-24	15.41	21.8	9	73	D6-TI-24
30	D5-45TI-30	16.73	27.79	8.63	82	D5-TI-30	D6-45TI-30	17.08	27.08	9.13	88	D6-TI-30
36	D5-45TI-36	18.23	32.91	8.63	94	D5-TI-36	D6-45TI-36	18.58	32.2	9.13	101	D6-TI-36
42	D5-45TI-42	20.18	38.2	9	111	D5-TI-42	D6-45TI-42	20.53	37.49	9.5	120	D6-TI-42
48	D5-45TI-48	21.72	43.48	9	123	D5-TI-48	D6-45TI-48	22.08	42.77	9.5	134	D6-TI-48
54	D5-45TI-54	23.55	48.60	9.5	151	D5-TI-54	D6-45TI-54	23.91	47.90	10	162	D6-TI-54
60	D5-45TI-60	24.97	53.43	9.5	164	D5-TI-60	D6-45TI-60	25.32	52.72	10	177	D6-TI-60
72	D5-45TI-72	27.97	63.69	9.5	192	D5-TI-72	D6-45TI-72	28.33	62.98	10	207	D6-TI-72

CEMA D Unequal Troughers

Martin



Belt Width	Standard Dimensions				Wide Base	
	A	B	C	D	Aw*	Cw*
24	33	5.5	35.5	9.5	39	41.5
30	39	5.5	41.5	9.5	45	47.5
36	45	5.5	47.5	9.5	51	53.5
42	51	5.5	53.5	9.5	57	59.5
48	57	5.5	59.5	9.5	63	65.5
54	63	7	65.5	11	69	71.5
60	69	7	71.5	11	75	77.5
72	81	7	83.5	11	87	89.5

*Dimension not shown; for wide base.

20° Unequal Troughers

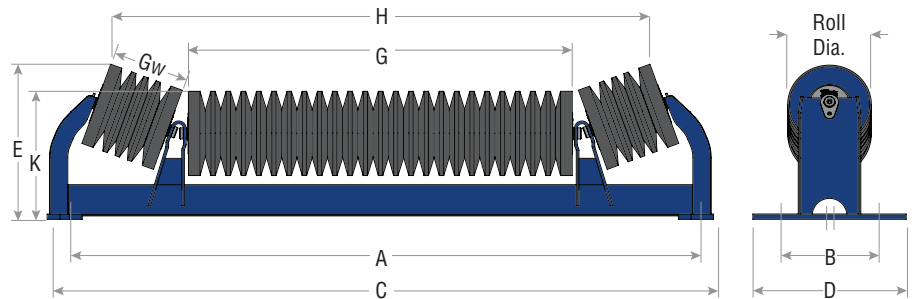
Belt Width	G	Gw	5" Roll Diameter							6" Roll Diameter						
			Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll	Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll
24	15.44	5.44	D5-20U-24-09	10.51	26.85	8.5	53	D5-20UC-24-09	D5-20UW-24-09	D6-20U-24-09	10.98	26.51	9	57	D6-20UC-24-09	D6-20UW-24-09
30	21.38	5.44	D5-20U-30-09	10.63	32.79	8.63	61	D5-20UC-30-09		D6-20U-30-09	11.10	32.45	9.13	67	D6-20UC-30-09	
36	27.38	5.44	D5-20U-36-09	10.63	38.79	8.63	69	D5-20UC-36-09		D6-20U-36-09	11.10	38.45	9.13	75	D6-20UC-36-09	
42	33.38	5.44	D5-20U-42-09	11.03	44.79	9	78	D5-20UC-42-09		D6-20U-42-09	11.50	44.45	9.5	86	D6-20UC-42-09	
48	39.38	5.44	D5-20U-48-09	11.03	50.79	9	86	D5-20UC-48-09		D6-20U-48-09	11.50	50.45	9.5	94	D6-20UC-48-09	
54	45.38	5.44	D5-20U-54-09	11.36	56.79	9.5	106	D5-20UC-54-09		D6-20U-54-09	11.83	56.45	10	115	D6-20UC-54-09	
60	51.38	5.44	D5-20U-60-09	11.36	62.79	9.5	114	D5-20UC-60-09		D6-20U-60-09	11.83	62.45	10	124	D6-20UC-60-09	
72	63.38	5.44	D5-20U-72-09	11.36	74.79	9.5	131	D5-20UC-72-09		D6-20U-72-09	11.83	74.45	10	142	D6-20UC-72-09	

35° Unequal Troughers

Belt Width	G	Gw	5" Roll Diameter							6" Roll Diameter						
			Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll	Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll
24	13.25	6.75	D5-35U-24-09	12.53	25.06	8.5	55	D5-35UC-24-09	D5-35UW-24-09	D6-35U-24-09	12.94	24.48	9	60	D6-35UC-24-09	D6-35UW-24-09
30	15.44	8.94	D5-35U-30-09	13.91	30.84	8.63	65	D5-35UC-30-09	D5-35UW-30-09	D6-35U-30-09	14.32	30.27	9.13	71	D6-35UC-30-09	D6-35UW-30-09
36	19.75	8.94	D5-35U-36-09	13.91	35.14	8.63	71	D5-35UC-36-09		D6-35U-36-09	14.32	34.57	9.13	77	D6-35UC-36-09	
42	21.38	11.13	D5-35U-42-09	15.57	40.35	9	81	D5-35UC-42-09	D5-35UW-42-09	D6-35U-42-09	15.98	39.77	9.5	89	D6-35UC-42-09	D6-35UW-42-09
48	27.38	11.13	D5-35U-48-09	15.57	46.35	9	89	D5-35UC-48-09		D6-35U-48-09	15.98	45.77	9.5	97	D6-35UC-48-09	
54	33.38	11.13	D5-35U-54-09	15.89	52.35	9.5	109	D5-35UC-54-09		D6-35U-54-09	16.30	51.77	10	118	D6-35UC-54-09	
60	39.38	11.13	D5-35U-60-09	15.89	58.35	9.5	117	D5-35UC-60-09		D6-35U-60-09	16.30	57.77	10	127	D6-35UC-60-09	
72	51.38	11.13	D5-35U-72-09	15.89	70.35	9.5	134	D5-35UC-72-09		D6-35U-72-09	16.30	69.77	10	145	D6-35UC-72-09	

Belt Width	Standard Dimensions				Wide Base	
	A	B	C	D	Aw*	Cw*
24	33	5.5	35.5	9.5	39	41.5
30	39	5.5	41.5	9.5	45	47.5
36	45	5.5	47.5	9.5	51	53.5
42	51	5.5	53.5	9.5	57	59.5
48	57	5.5	59.5	9.5	63	65.5
54	63	7	65.5	11	69	71.5
60	69	7	71.5	11	75	77.5
72	81	7	83.5	11	87	89.5

*Dimension not shown; for wide base.



20° Unequal Impact Troughers

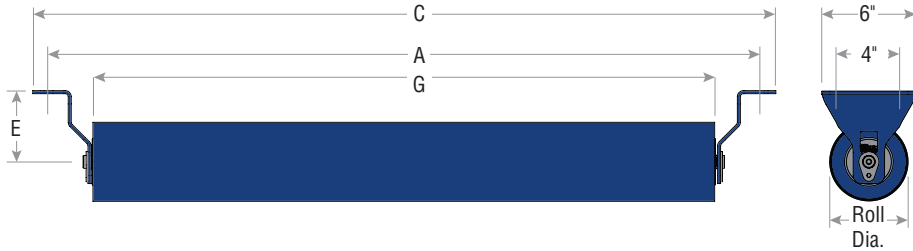
Belt Width	G	Gw	5" Roll Diameter							6" Roll Diameter						
			Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll	Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll
24	15.44	5.44	D5-20UI-24	10.51	26.86	8.5	62	D5-20UIC-24	D5-20UIW-24	D6-20UI-24	10.98	26.51	9	68	D6-20UIC-24	D6-20UIW-24
30	21.38	5.44	D5-20UI-30	10.63	32.8	8.63	75	D5-20UIC-30		D6-20UI-30	11.10	32.45	9.13	81	D6-20UIC-30	
36	27.38	5.44	D5-20UI-36	10.63	38.8	8.63	85	D5-20UIC-36		D6-20UI-36	11.10	38.45	9.13	93	D6-20UIC-36	
42	33.38	5.44	D5-20UI-42	11.03	44.8	9	101	D5-20UIC-42		D6-20UI-42	11.50	44.45	9.5	109	D6-20UIC-42	
48	39.38	5.44	D5-20UI-48	11.03	50.8	9	111	D5-20UIC-48		D6-20UI-48	11.50	50.45	9.5	121	D6-20UIC-48	
54	45.38	5.44	D5-20UI-54	11.36	56.8	9.5	137	D5-20UIC-54		D6-20UI-54	11.83	56.45	10	148	D6-20UIC-54	
60	51.38	5.44	D5-20UI-60	11.36	62.8	9.5	149	D5-20UIC-60		D6-20UI-60	11.83	62.45	10	161	D6-20UIC-60	
72	63.38	5.44	D5-20UI-72	11.36	74.8	9.5	174	D5-20UIC-72		D6-20UI-72	11.83	74.45	10	189	D6-20UIC-72	

35° Unequal Impact Troughers

Belt Width	G	Gw	5" Roll Diameter							6" Roll Diameter						
			Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll	Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll
24	13.25	6.75	D5-35UI-24	12.53	25.05	8.5	65	D5-35UIC-24	D5-35UIW-24	D6-35UI-24	12.94	24.48	9	70	D6-35UIC-24	D6-35UIW-24
30	15.44	8.94	D5-35UI-30	13.92	30.83	8.63	79	D5-35UIC-30	D5-35UIW-30	D6-35UI-30	14.33	30.26	9.13	85	D6-35UIC-30	D6-35UIW-30
36	19.75	8.94	D5-35UI-36	13.92	35.14	8.63	87	D5-35UIC-36		D6-35UI-36	14.33	34.57	9.13	95	D6-35UIC-36	
42	21.38	11.13	D5-35UI-42	15.57	40.36	9	103	D5-35UIC-42	D5-35UIW-42	D6-35UI-42	15.98	39.78	9.5	112	D6-35UIC-42	D6-35UIW-42
48	27.38	11.13	D5-35UI-48	15.57	46.36	9	114	D5-35UIC-48		D6-35UI-48	15.98	45.78	9.5	124	D6-35UIC-48	
54	33.38	11.13	D5-35UI-54	15.90	52.36	9.5	140	D5-35UIC-54		D6-35UI-54	16.31	51.78	10	151	D6-35UIC-54	
60	39.38	11.13	D5-35UI-60	15.90	58.36	9.5	152	D5-35UIC-60		D6-35UI-60	16.31	57.78	10	164	D6-35UIC-60	
72	51.38	11.13	D5-35UI-72	15.90	70.36	9.5	177	D5-35UIC-72		D6-35UI-72	16.31	69.78	10	191	D6-35UIC-72	

CEMA D Returns

Martin



Belt Width	Standard Dimensions		
	A	C	G
24	33	35	27.38
30	39	41	33.38
36	45	47	39.38
42	51	53	45.38
48	57	59	51.38
54	63	65	57.38
60	69	71	63.38
72	81	83	75.38

Returns (E = 1.5")

Belt Width	5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
24	D5-R-24-09-1	28	D5-R-24-09	D6-R-24-09-1	32	D6-R-24-09
30	D5-R-30-09-1	34	D5-R-30-09	D6-R-30-09-1	38	D6-R-30-09
36	D5-R-36-09-1	39	D5-R-36-09	D6-R-36-09-1	44	D6-R-36-09
42	D5-R-42-09-1	44	D5-R-42-09	D6-R-42-09-1	51	D6-R-42-09
48	D5-R-48-09-1	49	D5-R-48-09	D6-R-48-09-1	57	D6-R-48-09
54	D5-R-54-09-1	55	D5-R-54-09	D6-R-54-09-1	63	D6-R-54-09
60	D5-R-60-09-1	60	D5-R-60-09	D6-R-60-09-1	69	D6-R-60-09
72	D5-R-72-09-1	71	D5-R-72-09	D6-R-72-09-1	81	D6-R-72-09

Returns (E = 4.5")

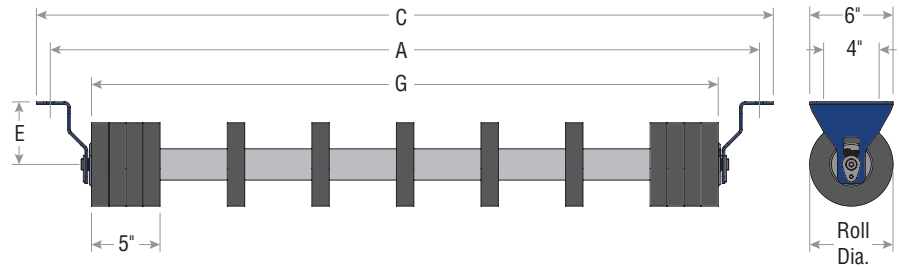
Belt Width	5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
24	D5-R-24-09-4	30	D5-R-24-09	D6-R-24-09-4	34	D6-R-24-09
30	D5-R-30-09-4	36	D5-R-30-09	D6-R-30-09-4	40	D6-R-30-09
36	D5-R-36-09-4	41	D5-R-36-09	D6-R-36-09-4	46	D6-R-36-09
42	D5-R-42-09-4	46	D5-R-42-09	D6-R-42-09-4	53	D6-R-42-09
48	D5-R-48-09-4	51	D5-R-48-09	D6-R-48-09-4	59	D6-R-48-09
54	D5-R-54-09-4	57	D5-R-54-09	D6-R-54-09-4	65	D6-R-54-09
60	D5-R-60-09-4	62	D5-R-60-09	D6-R-60-09-4	71	D6-R-60-09
72	D5-R-72-09-4	73	D5-R-72-09	D6-R-72-09-4	83	D6-R-72-09

Returns (E = 4.5", Belt Saver)

Belt Width	5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
24	D5-R-24-09-4S	31	D5-R-24-09	D6-R-24-09-4S	35	D6-R-24-09
30	D5-R-30-09-4S	37	D5-R-30-09	D6-R-30-09-4S	41	D6-R-30-09
36	D5-R-36-09-4S	42	D5-R-36-09	D6-R-36-09-4S	47	D6-R-36-09
42	D5-R-42-09-4S	47	D5-R-42-09	D6-R-42-09-4S	54	D6-R-42-09
48	D5-R-48-09-4S	52	D5-R-48-09	D6-R-48-09-4S	60	D6-R-48-09
54	D5-R-54-09-4S	58	D5-R-54-09	D6-R-54-09-4S	66	D6-R-54-09
60	D5-R-60-09-4S	63	D5-R-60-09	D6-R-60-09-4S	72	D6-R-60-09
72	D5-R-72-09-4S	74	D5-R-72-09	D6-R-72-09-4S	84	D6-R-72-09

Note: Brackets May Be Sold Separately (page N-63).

Belt Width	Standard Dimensions		
	A	C	G
24	33	35	27.13
30	39	41	33.13
36	45	47	39.13
42	51	53	45.13
48	57	59	51.13
54	63	65	57.13
60	69	71	63.13
72	81	83	75.13



Return Rubber Discs (E = 1.5")

Belt Width	5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
24	D5-RRD-24-1	31	D5-RRD-24	D6-RRD-24-1	35	D6-RRD-24
30	D5-RRD-30-1	36	D5-RRD-30	D6-RRD-30-1	41	D6-RRD-30
36	D5-RRD-36-1	42	D5-RRD-36	D6-RRD-36-1	46	D6-RRD-36
42	D5-RRD-42-1	47	D5-RRD-42	D6-RRD-42-1	52	D6-RRD-42
48	D5-RRD-48-1	52	D5-RRD-48	D6-RRD-48-1	58	D6-RRD-48
54	D5-RRD-54-1	58	D5-RRD-54	D6-RRD-54-1	64	D6-RRD-54
60	D5-RRD-60-1	63	D5-RRD-60	D6-RRD-60-1	69	D6-RRD-60
72	D5-RRD-72-1	74	D5-RRD-72	D6-RRD-72-1	81	D6-RRD-72

Return Rubber Discs (E = 4.5")

Belt Width	5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
24	D5-RRD-24-4	33	D5-RRD-24	D6-RRD-24-4	37	D6-RRD-24
30	D5-RRD-30-4	38	D5-RRD-30	D6-RRD-30-4	43	D6-RRD-30
36	D5-RRD-36-4	44	D5-RRD-36	D6-RRD-36-4	48	D6-RRD-36
42	D5-RRD-42-4	49	D5-RRD-42	D6-RRD-42-4	54	D6-RRD-42
48	D5-RRD-48-4	54	D5-RRD-48	D6-RRD-48-4	60	D6-RRD-48
54	D5-RRD-54-4	60	D5-RRD-54	D6-RRD-54-4	66	D6-RRD-54
60	D5-RRD-60-4	65	D5-RRD-60	D6-RRD-60-4	71	D6-RRD-60
72	D5-RRD-72-4	76	D5-RRD-72	D6-RRD-72-4	83	D6-RRD-72

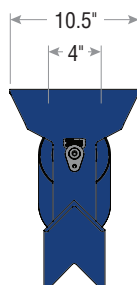
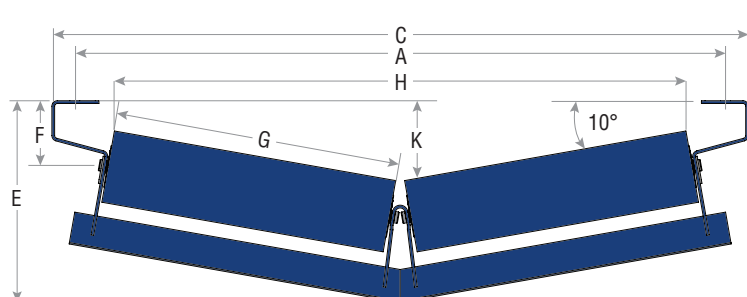
Return Rubber Discs (E = 4.5", Belt Saver)

Belt Width	5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
24	D5-RRD-24-4S	34	D5-RRD-24	D6-RRD-24-4S	38	D6-RRD-24
30	D5-RRD-30-4S	39	D5-RRD-30	D6-RRD-30-4S	44	D6-RRD-30
36	D5-RRD-36-4S	45	D5-RRD-36	D6-RRD-36-4S	49	D6-RRD-36
42	D5-RRD-42-4S	50	D5-RRD-42	D6-RRD-42-4S	55	D6-RRD-42
48	D5-RRD-48-4S	55	D5-RRD-48	D6-RRD-48-4S	61	D6-RRD-48
54	D5-RRD-54-4S	61	D5-RRD-54	D6-RRD-54-4S	67	D6-RRD-54
60	D5-RRD-60-4S	66	D5-RRD-60	D6-RRD-60-4S	72	D6-RRD-60
72	D5-RRD-72-4S	77	D5-RRD-72	D6-RRD-72-4S	84	D6-RRD-72

Note: Brackets May Be Sold Separately (page N-63).

CEMA D V>Returns

Martin



Belt Width	Standard Dimensions		
	A	C	G
24	33	35	13.63
30	39	41	16.69
36	45	47	19.75
42	51	53	22.81
48	57	59	25.88
54	63	65	28.88
60	69	71	31.94
72	81	83	38.00

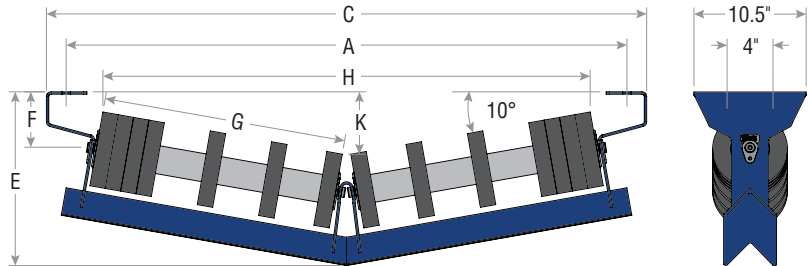
V>Returns (F = 4.5")

Belt Width	5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
24	D5-10V4-24-09	12.88	27.5	4.25	53	D5-V-24-09	D6-10V4-24-09	12.88	27.38	3.75	57	D6-V-24-09
30	D5-10V4-30-09	13.38	33.5	5	60	D5-V-30-09	D6-10V4-30-09	13.38	33.38	4.5	65	D6-V-30-09
36	D5-10V4-36-09	13.88	39.5	5.38	68	D5-V-36-09	D6-10V4-36-09	13.94	39.38	4.88	75	D6-V-36-09
42	D5-10V4-42-09	14.44	45.63	6	76	D5-V-42-09	D6-10V4-42-09	14.44	45.44	5.5	83	D6-V-42-09
48	D5-10V4-48-09	14.94	51.5	6.5	83	D5-V-48-09	D6-10V4-48-09	14.94	51.38	6	91	D6-V-48-09
54	D5-10V4-54-09	15.5	57.5	6.75	91	D5-V-54-09	D6-10V4-54-09	15.5	57.38	6.25	99	D6-V-54-09
60	D5-10V4-60-09	16	63.5	7.63	98	D5-V-60-09	D6-10V4-60-09	16	63.38	7.13	108	D6-V-60-09
72	D5-10V4-72-09	17.06	75.5	8.75	112	D5-V-72-09	D6-10V4-72-09	17.06	75.38	8.25	124	D6-V-72-09

V>Returns (F = 7")

Belt Width	5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
24	D5-10V7-24-09	15.38	27.5	6.75	56	D5-V-24-09	D6-10V7-24-09	15.38	27.38	6.25	60	D6-V-24-09
30	D5-10V7-30-09	15.88	33.5	7.5	63	D5-V-30-09	D6-10V7-30-09	15.88	33.38	7	68	D6-V-30-09
36	D5-10V7-36-09	16.44	39.5	7.88	71	D5-V-36-09	D6-10V7-36-09	16.44	39.38	7.38	78	D6-V-36-09
42	D5-10V7-42-09	16.94	45.63	8.5	79	D5-V-42-09	D6-10V7-42-09	16.94	45.44	8	86	D6-V-42-09
48	D5-10V7-48-09	17.44	51.5	9	86	D5-V-48-09	D6-10V7-48-09	17.5	51.38	8.5	94	D6-V-48-09
54	D5-10V7-54-09	18.06	57.5	9.25	94	D5-V-54-09	D6-10V7-54-09	18.06	57.38	8.75	102	D6-V-54-09
60	D5-10V7-60-09	18.56	63.5	10.13	101	D5-V-60-09	D6-10V7-60-09	18.56	63.38	9.63	111	D6-V-60-09
72	D5-10V7-72-09	19.63	75.5	11.25	115	D5-V-72-09	D6-10V7-72-09	19.63	75.38	10.75	127	D6-V-72-09

Belt Width	Standard Dimensions		
	A	C	G
24	33	35	13.13
30	39	41	16.19
36	45	47	19.25
42	51	53	22.31
48	57	59	25.38
54	63	65	28.38
60	69	71	31.44
72	81	83	37.50



V-Return Rubber Discs (F = 4.5")

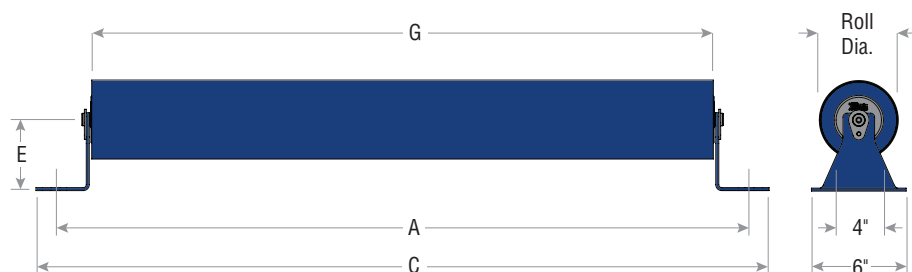
Belt Width	5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
24	D5-10VRD4-24	12.88	27.06	4.25	52	D5-VRD-24	D6-10VRD4-24	12.88	26.88	3.75	58	D6-VRD-24
30	D5-10VRD4-30	13.38	33.06	5	60	D5-VRD-30	D6-10VRD4-30	13.38	32.88	4.5	61	D6-VRD-30
36	D5-10VRD4-36	13.94	39.06	5.38	68	D5-VRD-36	D6-10VRD4-36	13.94	38.88	4.88	80	D6-VRD-36
42	D5-10VRD4-42	14.44	45.06	6	72	D5-VRD-42	D6-10VRD4-42	14.44	44.94	5.5	82	D6-VRD-42
48	D5-10VRD4-48	14.94	51.06	6.5	79	D5-VRD-48	D6-10VRD4-48	14.94	50.88	6	88	D6-VRD-48
54	D5-10VRD4-54	15.5	57.06	6.75	94	D5-VRD-54	D6-10VRD4-54	15.5	56.88	6.25	104	D6-VRD-54
60	D5-10VRD4-60	16	63.06	7.63	102	D5-VRD-60	D6-10VRD4-60	16	62.88	7.13	112	D6-VRD-60
72	D5-10VRD4-72	17.06	75.06	8.75	122	D5-VRD-72	D6-10VRD4-72	17.06	74.88	8.25	133	D6-VRD-72

V-Return Rubber Discs (F = 7")

Belt Width	5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
24	D5-10VRD7-24	15.38	27.06	6.75	53	D5-VRD-24	D6-10VRD7-24	15.38	26.88	6.25	60	D6-VRD-24
30	D5-10VRD7-30	15.88	33.06	7.5	60	D5-VRD-30	D6-10VRD7-30	15.88	32.88	7	68	D6-VRD-30
36	D5-10VRD7-36	16.44	39.06	7.88	68	D5-VRD-36	D6-10VRD7-36	16.44	38.88	7.38	79	D6-VRD-36
42	D5-10VRD7-42	16.94	45.06	8.5	72	D5-VRD-42	D6-10VRD7-42	16.94	44.94	8	85	D6-VRD-42
48	D5-10VRD7-48	17.44	51.06	9	79	D5-VRD-48	D6-10VRD7-48	17.44	50.88	8.5	91	D6-VRD-48
54	D5-10VRD7-54	18.06	57.06	9.25	96	D5-VRD-54	D6-10VRD7-54	18.06	56.88	8.75	105	D6-VRD-54
60	D5-10VRD7-60	18.56	63.06	10.13	105	D5-VRD-60	D6-10VRD7-60	18.56	62.88	9.63	114	D6-VRD-60
72	D5-10VRD7-72	19.63	75.06	11.25	123	D5-VRD-72	D6-10VRD7-72	19.63	74.88	10.75	134	D6-VRD-72

CEMA D Flat Carriers

Martin



Belt Width	Standard Dimensions		
	A	C	G
24	33	35	27.38
30	39	41	33.38
36	45	47	39.38
42	51	53	45.38
48	57	59	51.38
54	63	65	57.38
60	69	71	63.38
72	81	83	75.38

Flat Carriers (E = 1.5")

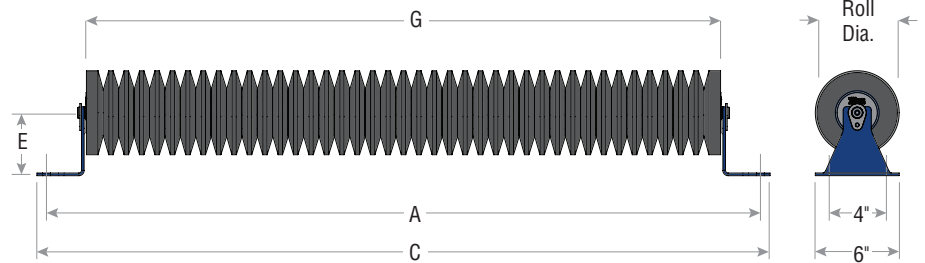
Belt Width	5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
24	D5-F-24-09-1	30	D5-F-24-09	D6-F-24-09-1	34	D6-F-24-09
30	D5-F-30-09-1	36	D5-F-30-09	D6-F-30-09-1	40	D6-F-30-09
36	D5-F-36-09-1	41	D5-F-36-09	D6-F-36-09-1	46	D6-F-36-09
42	D5-F-42-09-1	46	D5-F-42-09	D6-F-42-09-1	53	D6-F-42-09
48	D5-F-48-09-1	51	D5-F-48-09	D6-F-48-09-1	59	D6-F-48-09
54	D5-F-54-09-1	57	D5-F-54-09	D6-F-54-09-1	65	D6-F-54-09
60	D5-F-60-09-1	62	D5-F-60-09	D6-F-60-09-1	71	D6-F-60-09
72	D5-F-72-09-1	73	D5-F-72-09	D6-F-72-09-1	83	D6-F-72-09

Flat Carriers (E = 4.5")

Belt Width	5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
24	D5-F-24-09-4	32	D5-F-24-09	D6-F-24-09-4	36	D6-F-24-09
30	D5-F-30-09-4	38	D5-F-30-09	D6-F-30-09-4	42	D6-F-30-09
36	D5-F-36-09-4	43	D5-F-36-09	D6-F-36-09-4	48	D6-F-36-09
42	D5-F-42-09-4	48	D5-F-42-09	D6-F-42-09-4	55	D6-F-42-09
48	D5-F-48-09-4	53	D5-F-48-09	D6-F-48-09-4	61	D6-F-48-09
54	D5-F-54-09-4	59	D5-F-54-09	D6-F-54-09-4	67	D6-F-54-09
60	D5-F-60-09-4	64	D5-F-60-09	D6-F-60-09-4	73	D6-F-60-09
72	D5-F-72-09-4	75	D5-F-72-09	D6-F-72-09-4	85	D6-F-72-09

Note: Brackets May Be Sold Separately (page N-63).

Belt Width	Standard Dimensions		
	A	C	G
24	33	35	27.38
30	39	41	33.38
36	45	47	39.38
42	51	53	45.38
48	57	59	51.38
54	63	65	57.38
60	69	71	63.38
72	81	83	75.38



Flat Rubber Disc Carriers (E = 1.5")

Belt Width	5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
24	D5-FRD-24-1	37	D5-FRD-24	D6-FRD-24-1	42	D6-FRD-24
30	D5-FRD-30-1	44	D5-FRD-30	D6-FRD-30-1	50	D6-FRD-30
36	D5-FRD-36-1	51	D5-FRD-36	D6-FRD-36-1	58	D6-FRD-36
42	D5-FRD-42-1	58	D5-FRD-42	D6-FRD-42-1	67	D6-FRD-42
48	D5-FRD-48-1	65	D5-FRD-48	D6-FRD-48-1	75	D6-FRD-48
54	D5-FRD-54-1	72	D5-FRD-54	D6-FRD-54-1	83	D6-FRD-54
60	D5-FRD-60-1	79	D5-FRD-60	D6-FRD-60-1	92	D6-FRD-60
72	D5-FRD-72-1	94	D5-FRD-72	D6-FRD-72-1	108	D6-FRD-72

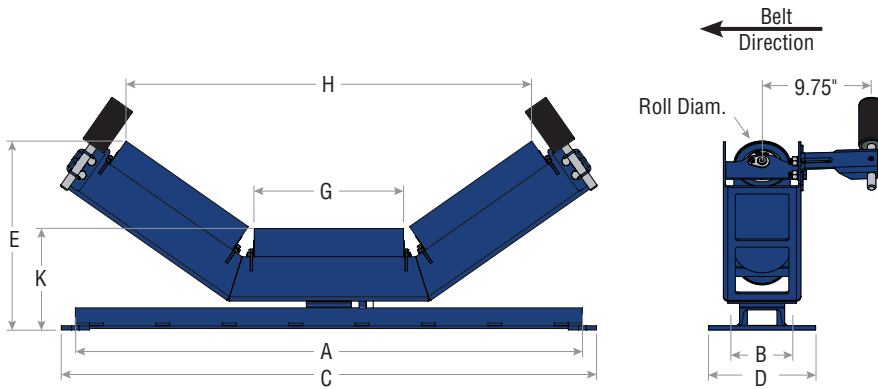
Flat Rubber Disc Carriers (E = 4.5")

Belt Width	5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
24	D5-FRD-24-4	39	D5-FRD-24	D6-FRD-24-4	44	D6-FRD-24
30	D5-FRD-30-4	46	D5-FRD-30	D6-FRD-30-4	52	D6-FRD-30
36	D5-FRD-36-4	53	D5-FRD-36	D6-FRD-36-4	60	D6-FRD-36
42	D5-FRD-42-4	60	D5-FRD-42	D6-FRD-42-4	69	D6-FRD-42
48	D5-FRD-48-4	67	D5-FRD-48	D6-FRD-48-4	77	D6-FRD-48
54	D5-FRD-54-4	74	D5-FRD-54	D6-FRD-54-4	85	D6-FRD-54
60	D5-FRD-60-4	81	D5-FRD-60	D6-FRD-60-4	94	D6-FRD-60
72	D5-FRD-72-4	96	D5-FRD-72	D6-FRD-72-4	110	D6-FRD-72

Note: Brackets May Be Sold Separately (page N-63).

CEMA D Self-Aligner Equal Troughers

Martin



Belt Width	Standard Dimensions					Wide Base	
	A	B	C	D	G	Aw*	Cw*
24	33	5.5	35.5	9.5	8.94	39	41
30	39	5.5	41.5	9.5	11.13	45	47
36	45	5.5	47.5	9.5	13.25	51	53
42	51	5.5	53.5	9.5	15.44	57	59
48	57	5.5	59.5	9.5	17.63	63	65
54	63	7	65.5	11	19.75	69	71
60	69	7	71.5	11	21.75	75	77
72	81	7	83.5	11	26	87	89

*Dimension not shown; for wide base.

20° Self-Aligner Equal Troughers

Belt Width	5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
24	D5-20TSA-24-09	12.19	27.06	9	76	D5-T-24-09	D6-20TSA-24-09	12.63	26.69	9.5	81	D6-T-24-09
30	D5-20TSA-30-09	12.94	33.38	9	85	D5-T-30-09	D6-20TSA-30-09	13.38	32.94	9.5	91	D6-T-30-09
36	D5-20TSA-36-09	13.69	39.44	9	94	D5-T-36-09	D6-20TSA-36-09	14.13	39.13	9.5	101	D6-T-36-09
42	D5-20TSA-42-09	14.94	45.75	9.5	104	D5-T-42-09	D6-20TSA-42-09	15.38	45.44	10	111	D6-T-42-09
48	D5-20TSA-48-09	15.69	52.06	9.5	113	D5-T-48-09	D6-20TSA-48-09	16.13	51.75	10	122	D6-T-48-09
54	D5-20TSA-54-09	16.38	58.19	10	123	D5-T-54-09	D6-20TSA-54-09	16.88	57.81	10.5	132	D6-T-54-09
60	D5-20TSA-60-09	17.06	63.88	10	131	D5-T-60-09	D6-20TSA-60-09	17.5	63.56	10.5	141	D6-T-60-09
72	D5-20TSA-72-09	18.38	76.19	10	180	D5-T-72-09	D6-20TSA-72-09	18.88	75.81	10.5	192	D6-T-72-09

35° Self-Aligner Equal Troughers

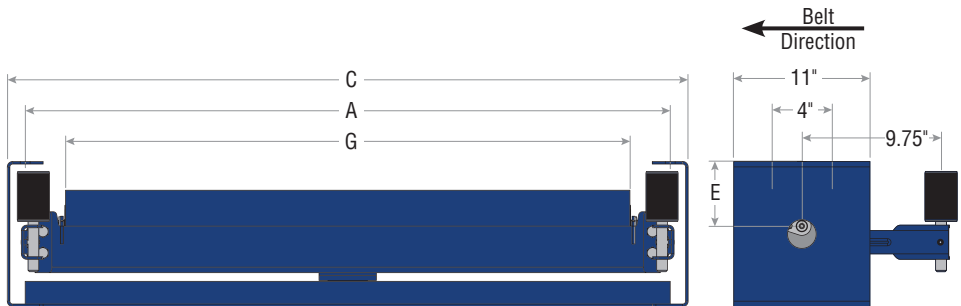
Belt Width	5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
24	D5-35TSA-24-09	14.31	24.56	9	80	D5-T-24-09	D6-35TSA-24-09	14.75	24.06	9.5	85	D6-T-24-09
30	D5-35TSA-30-09	15.56	30.38	9	89	D5-T-30-09	D6-35TSA-30-09	16.06	29.81	9.5	95	D6-T-30-09
36	D5-35TSA-36-09	16.75	35.94	9	98	D5-T-36-09	D6-35TSA-36-09	17.19	35.44	9.5	105	D6-T-36-09
42	D5-35TSA-42-09	18.56	41.75	9.5	108	D5-T-42-09	D6-35TSA-42-09	18.94	41.19	10	115	D6-T-42-09
48	D5-35TSA-48-09	19.81	47.5	9.5	117	D5-T-48-09	D6-35TSA-48-09	20.19	46.94	10	126	D6-T-48-09
54	D5-35TSA-54-09	21	53.13	10	127	D5-T-54-09	D6-35TSA-54-09	21.44	52.56	10.5	136	D6-T-54-09
60	D5-35TSA-60-09	22.19	58.38	10	135	D5-T-60-09	D6-35TSA-60-09	22.56	57.56	10.5	145	D6-T-60-09
72	D5-35TSA-72-09	24.44	69.56	10	184	D5-T-72-09	D6-35TSA-72-09	24.88	69.06	10.5	196	D6-T-72-09

45° Self-Aligner Equal Troughers

Belt Width	5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
24	D5-45TSA-24-09	15.38	22.75	9	82	D5-T-24-09	D6-45TSA-24-09	15.88	22.13	9.5	87	D6-T-24-09
30	D5-45TSA-30-09	16.94	28.06	9	91	D5-T-30-09	D6-45TSA-30-09	17.5	27.38	9.5	97	D6-T-30-09
36	D5-45TSA-36-09	18.44	33.13	9	100	D5-T-36-09	D6-45TSA-36-09	18.94	32.31	9.5	107	D6-T-36-09
42	D5-45TSA-42-09	20.44	38.44	9.5	110	D5-T-42-09	D6-45TSA-42-09	21	37.69	10	117	D6-T-42-09
48	D5-45TSA-48-09	22	43.69	9.5	119	D5-T-48-09	D6-45TSA-48-09	22.56	43.06	10	128	D6-T-48-09
54	D5-45TSA-54-09	23.69	48.81	10	129	D5-T-54-09	D6-45TSA-54-09	24.06	48.06	10.5	138	D6-T-54-09
60	D5-45TSA-60-09	25.13	53.69	10	137	D5-T-60-09	D6-45TSA-60-09	25.44	53	10.5	147	D6-T-60-09
72	D5-45TSA-72-09	28	63.94	10	186	D5-T-72-09	D6-45TSA-72-09	28.31	63.25	10.5	198	D6-T-72-09

Belt Width	Standard Dimensions			Wide Base	
	A	C	G	Aw*	Cw*
24	33	37.38	27.38	39	41
30	39	43.38	33.38	45	47
36	45	49.38	39.38	51	53
42	51	55.38	45.38	57	59
48	57	61.38	51.38	63	65
54	63	67.38	57.38	69	71
60	69	73.38	63.38	75	77
72	81	85.38	75.38	87	89

*Dimension not shown; for wide base.



Return Self-Aligners (E = 1.5")

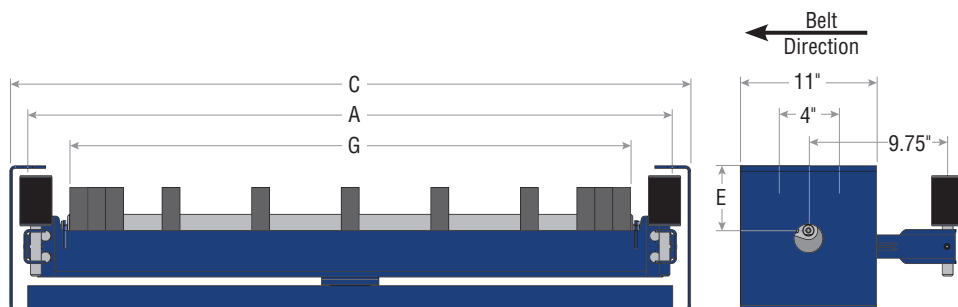
Belt Width	5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
24	D5-RSA1-24-09	91	D5-R-24-09	D6-RSA1-24-09	95	D6-R-24-09
30	D5-RSA1-30-09	104	D5-R-30-09	D6-RSA1-30-09	108	D6-R-30-09
36	D5-RSA1-36-09	116	D5-R-36-09	D6-RSA1-36-09	122	D6-R-36-09
42	D5-RSA1-42-09	128	D5-R-42-09	D6-RSA1-42-09	135	D6-R-42-09
48	D5-RSA1-48-09	141	D5-R-48-09	D6-RSA1-48-09	148	D6-R-48-09
54	D5-RSA1-54-09	154	D5-R-54-09	D6-RSA1-54-09	162	D6-R-54-09
60	D5-RSA1-60-09	166	D5-R-60-09	D6-RSA1-60-09	175	D6-R-60-09
72	D5-RSA1-72-09	191	D5-R-72-09	D6-RSA1-72-09	201	D6-R-72-09

Return Self-Aligners (E = 4.5")

Belt Width	5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
24	D5-RSA4-24-09	93	D5-R-24-09	D6-RSA4-24-09	97	D6-R-24-09
30	D5-RSA4-30-09	106	D5-R-30-09	D6-RSA4-30-09	110	D6-R-30-09
36	D5-RSA4-36-09	118	D5-R-36-09	D6-RSA4-36-09	124	D6-R-36-09
42	D5-RSA4-42-09	130	D5-R-42-09	D6-RSA4-42-09	137	D6-R-42-09
48	D5-RSA4-48-09	143	D5-R-48-09	D6-RSA4-48-09	150	D6-R-48-09
54	D5-RSA4-54-09	156	D5-R-54-09	D6-RSA4-54-09	164	D6-R-54-09
60	D5-RSA4-60-09	168	D5-R-60-09	D6-RSA4-60-09	177	D6-R-60-09
72	D5-RSA4-72-09	193	D5-R-72-09	D6-RSA4-72-09	203	D6-R-72-09

CEMA D

Return Rubber Disc Self-Aligners



Belt Width	Standard Dimensions			Wide Base	
	A	C	G	Aw*	Cw*
24	33	37.38	27.13	39	41
30	39	43.38	33.13	45	47
36	45	49.38	39.13	51	53
42	51	55.38	45.13	57	59
48	57	61.38	51.13	63	65
54	63	67.38	57.13	69	71
60	69	73.38	63.13	75	77
72	81	85.38	75.13	87	89

*Dimension not shown; for wide base.

Return Rubber Disc Self-Aligners (E = 1.5")

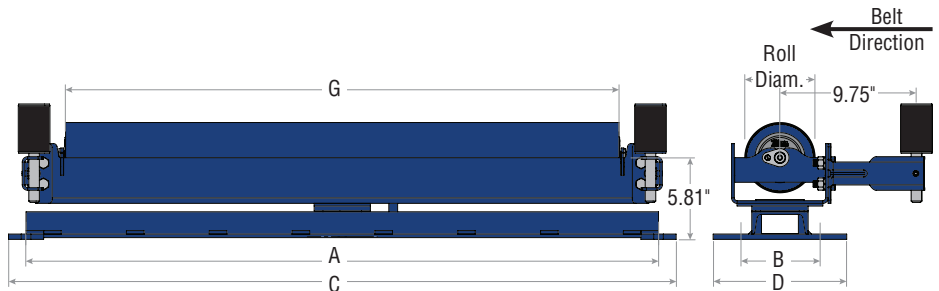
Belt Width	5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
24	D5-RRDSA1-24	94	D5-RRD-24	D6-RRDSA1-24	98	D6-RRD-24
30	D5-RRDSA1-30	106	D5-RRD-30	D6-RRDSA1-30	111	D6-RRD-30
36	D5-RRDSA1-36	119	D5-RRD-36	D6-RRDSA1-36	123	D6-RRD-36
42	D5-RRDSA1-42	131	D5-RRD-42	D6-RRDSA1-42	137	D6-RRD-42
48	D5-RRDSA1-48	144	D5-RRD-48	D6-RRDSA1-48	149	D6-RRD-48
54	D5-RRDSA1-54	157	D5-RRD-54	D6-RRDSA1-54	163	D6-RRD-54
60	D5-RRDSA1-60	169	D5-RRD-60	D6-RRDSA1-60	176	D6-RRD-60
72	D5-RRDSA1-72	194	D5-RRD-72	D6-RRDSA1-72	201	D6-RRD-72

Return Rubber Disc Self-Aligners (E = 4.5")

Belt Width	5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
24	D5-RRDSA4-24	96	D5-RRD-24	D6-RRDSA4-24	100	D6-RRD-24
30	D5-RRDSA4-30	108	D5-RRD-30	D6-RRDSA4-30	113	D6-RRD-30
36	D5-RRDSA4-36	121	D5-RRD-36	D6-RRDSA4-36	125	D6-RRD-36
42	D5-RRDSA4-42	133	D5-RRD-42	D6-RRDSA4-42	139	D6-RRD-42
48	D5-RRDSA4-48	146	D5-RRD-48	D6-RRDSA4-48	151	D6-RRD-48
54	D5-RRDSA4-54	159	D5-RRD-54	D6-RRDSA4-54	165	D6-RRD-54
60	D5-RRDSA4-60	171	D5-RRD-60	D6-RRDSA4-60	178	D6-RRD-60
72	D5-RRDSA4-72	196	D5-RRD-72	D6-RRDSA4-72	203	D6-RRD-72

Belt Width	Standard Dimensions					Wide Base	
	A	B	C	D	G	Aw*	Cw*
24	33	5.5	35.5	9.5	27.38	39	41
30	39	5.5	41.5	9.5	33.38	45	47
36	45	5.5	47.5	9.5	39.38	51	53
42	51	5.5	53.5	9.5	45.38	57	59
48	57	5.5	59.5	9.5	51.38	63	65
54	63	7	65.5	11	57.38	69	71
60	69	7	71.5	11	63.38	75	77
72	81	7	83.5	11	75.38	87	89

*Dimension not shown; for wide base.

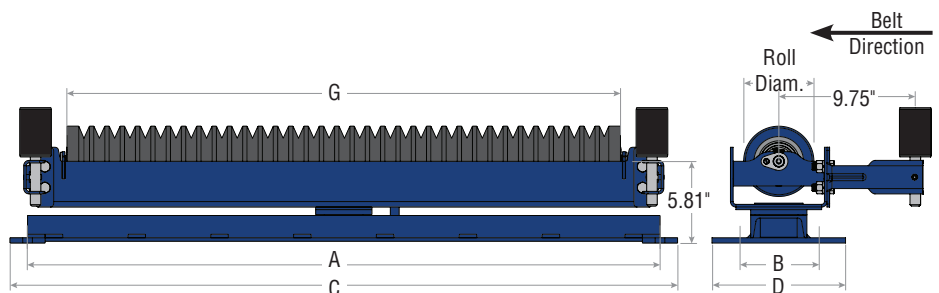


Flat Carrier Self-Aligners

Belt Width	5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
24	D5-FSA-24-09	84	D5-F-24-09	D6-FSA-24-09	88	D6-F-24-09
30	D5-FSA-30-09	97	D5-F-30-09	D6-FSA-30-09	102	D6-F-30-09
36	D5-FSA-36-09	109	D5-F-36-09	D6-FSA-36-09	115	D6-F-36-09
42	D5-FSA-42-09	122	D5-F-42-09	D6-FSA-42-09	128	D6-F-42-09
48	D5-FSA-48-09	134	D5-F-48-09	D6-FSA-48-09	141	D6-F-48-09
54	D5-FSA-54-09	148	D5-F-54-09	D6-FSA-54-09	156	D6-F-54-09
60	D5-FSA-60-09	160	D5-F-60-09	D6-FSA-60-09	169	D6-F-60-09
72	D5-FSA-72-09	185	D5-F-72-09	D6-FSA-72-09	195	D6-F-72-09

Belt Width	Standard Dimensions					Wide Base	
	A	B	C	D	G	Aw*	Cw*
24	33	5.5	35.5	9.5	27.38	39	41
30	39	5.5	41.5	9.5	33.38	45	47
36	45	5.5	47.5	9.5	39.38	51	53
42	51	5.5	53.5	9.5	45.38	57	59
48	57	5.5	59.5	9.5	51.38	63	65
54	63	7	65.5	11	57.38	69	71
60	69	7	71.5	11	63.38	75	77
72	81	7	83.5	11	75.38	87	89

*Dimension not shown; for wide base.

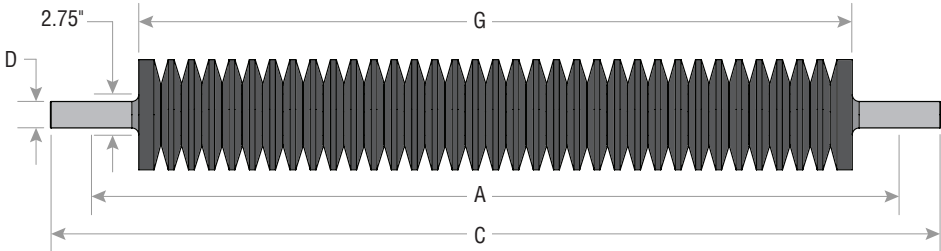


Flat Rubber Disc Carrier Self-Aligners

Belt Width	5" Roll Diameter			6" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
24	D5-FRDSA-24	90	D5-FRD-24	D6-FRDSA-24	96	D6-FRD-24
30	D5-FRDSA-30	105	D5-FRD-30	D6-FRDSA-30	111	D6-FRD-30
36	D5-FRDSA-36	119	D5-FRD-36	D6-FRDSA-36	126	D6-FRD-36
42	D5-FRDSA-42	133	D5-FRD-42	D6-FRDSA-42	142	D6-FRD-42
48	D5-FRDSA-48	147	D5-FRD-48	D6-FRDSA-48	157	D6-FRD-48
54	D5-FRDSA-54	163	D5-FRD-54	D6-FRDSA-54	174	D6-FRD-54
60	D5-FRDSA-60	178	D5-FRD-60	D6-FRDSA-60	190	D6-FRD-60
72	D5-FRDSA-72	206	D5-FRD-72	D6-FRDSA-72	221	D6-FRD-72

CEMA D

Live Shaft Flat Impact Carriers

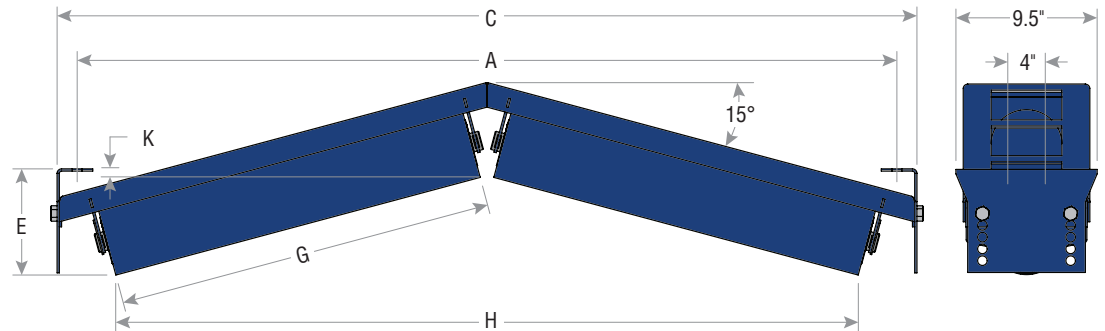


Belt Width	Standard Dimensions		
	A	C	G
24	33	37.75	25.88
30	39	43.75	31.88
36	45	49.75	37.88
42	51	55.75	43.88
48	57	61.75	49.88
54	63	67.75	55.88
60	69	73.75	61.88
72	81	85.75	73.88

Live Shaft Flat Impact Carriers

Belt Width	5" Roll Diameter		6" Roll Diameter	
	Part Number	Wt.	Part Number	Wt.
	D = 2.18"		D = 2.18"	
24	D5-LI35-24	78	D6-LI35-24	85
30	D5-LI35-30	94	D6-LI35-30	101
36	D5-LI35-36	108	D6-LI35-36	118
42	D5-LI35-42	123	D6-LI35-42	134
48	D5-LI35-48	137	D6-LI35-48	150
54	D5-LI35-54	153	D6-LI35-54	167
60	D5-LI35-60	166	D6-LI35-60	183
72	D5-LI35-72	195	D6-LI35-72	216

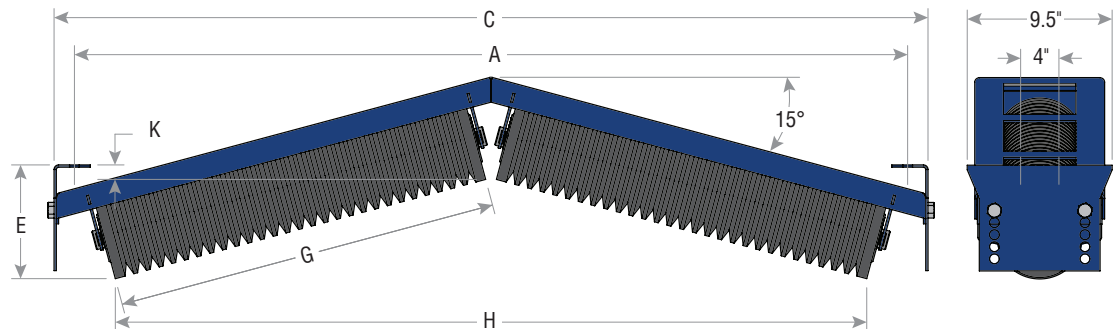
Belt Width	Standard Dimensions		
	A	C	G
24	33	36.38	11.13
30	39	42.38	15.44
36	45	48.38	17.63
42	51	54.38	21.75
48	57	60.38	24.5
54	63	66.38	27.38
60	69	72.38	30.5
72	81	84.38	36.5



Inverted V>Returns

Belt Width	5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Rolls	Part Number	E	H	K	Wt.	Replacement Rolls
24	D5-15IV-24-09	6.19	22.31	1.94	66	D5-IV-24-09	D6-15IV-24-09	6.63	22.44	2.44	70	D6-IV-24-09
30	D5-15IV-30-09	6.5	30.63	1.19	76	D5-IV-30-09	D6-15IV-30-09	7	30.75	1.69	82	D6-IV-30-09
36	D5-15IV-36-09	6.31	34.81	0.38	83	D5-IV-36-09	D6-15IV-36-09	6.75	35	0.88	88	D6-IV-36-09
42	D5-15IV-42-09	6.56	42.81	-0.38	92	D5-IV-42-09	D6-15IV-42-09	7.06	42.94	0.13	99	D6-IV-42-09
48	D5-15IV-48-09	6.5	48.13	-1.19	101	D5-IV-48-09	D6-15IV-48-09	7	48.25	-0.69	108	D6-IV-48-09
54	D5-15IV-54-09	6.56	53.69	-1.94	107	D5-IV-54-09	D6-15IV-54-09	7.06	53.88	-1.5	115	D6-IV-54-09
60	D5-15IV-60-09	6.5	59.69	-2.75	118	D5-IV-60-09	D6-15IV-60-09	7	59.88	-2.25	124	D6-IV-60-09
72	D5-15IV-72-09	6.5	71.31	-4.31	131	D5-IV-72-09	D6-15IV-72-09	7	71.44	-3.81	139	D6-IV-72-09

Belt Width	Standard Dimensions		
	A	C	G
24	33	36.38	11.13
30	39	42.38	15.44
36	45	48.38	17.63
42	51	54.38	21.75
48	57	60.38	24.5
54	63	66.38	27.38
60	69	72.38	30.5
72	81	84.38	36.5



Inverted Rubber Disc V>Returns

Belt Width	5" Roll Diameter						6" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
24	D5-15IVRD-24	6.19	22.31	1.94	69	D5-IVRD-24	D6-15IVRD-24	6.63	22.44	2.44	73	D6-IVRD-24
30	D5-15IVRD-30	6.5	30.63	1.19	82	D5-IVRD-30	D6-15IVRD-30	7	30.75	1.69	87	D6-IVRD-30
36	D5-15IVRD-36	6.31	34.81	0.38	89	D5-IVRD-36	D6-15IVRD-36	6.75	35	0.88	96	D6-IVRD-36
42	D5-15IVRD-42	6.56	42.81	-0.38	102	D5-IVRD-42	D6-15IVRD-42	7.06	42.94	0.13	110	D6-IVRD-42
48	D5-15IVRD-48	6.5	48.13	-1.19	112	D5-IVRD-48	D6-15IVRD-48	7	48.25	-0.69	122	D6-IVRD-48
54	D5-15IVRD-54	6.56	53.69	-1.94	120	D5-IVRD-54	D6-15IVRD-54	7.06	53.88	-1.5	130	D6-IVRD-54
60	D5-15IVRD-60	6.5	59.69	-2.75	139	D5-IVRD-60	D6-15IVRD-60	7	59.88	-2.25	145	D6-IVRD-60
72	D5-15IVRD-72	6.5	71.31	-4.31	151	D5-IVRD-72	D6-15IVRD-72	7	71.44	-3.81	162	D6-IVRD-72

CEMA E Series Idler Features & Benefits

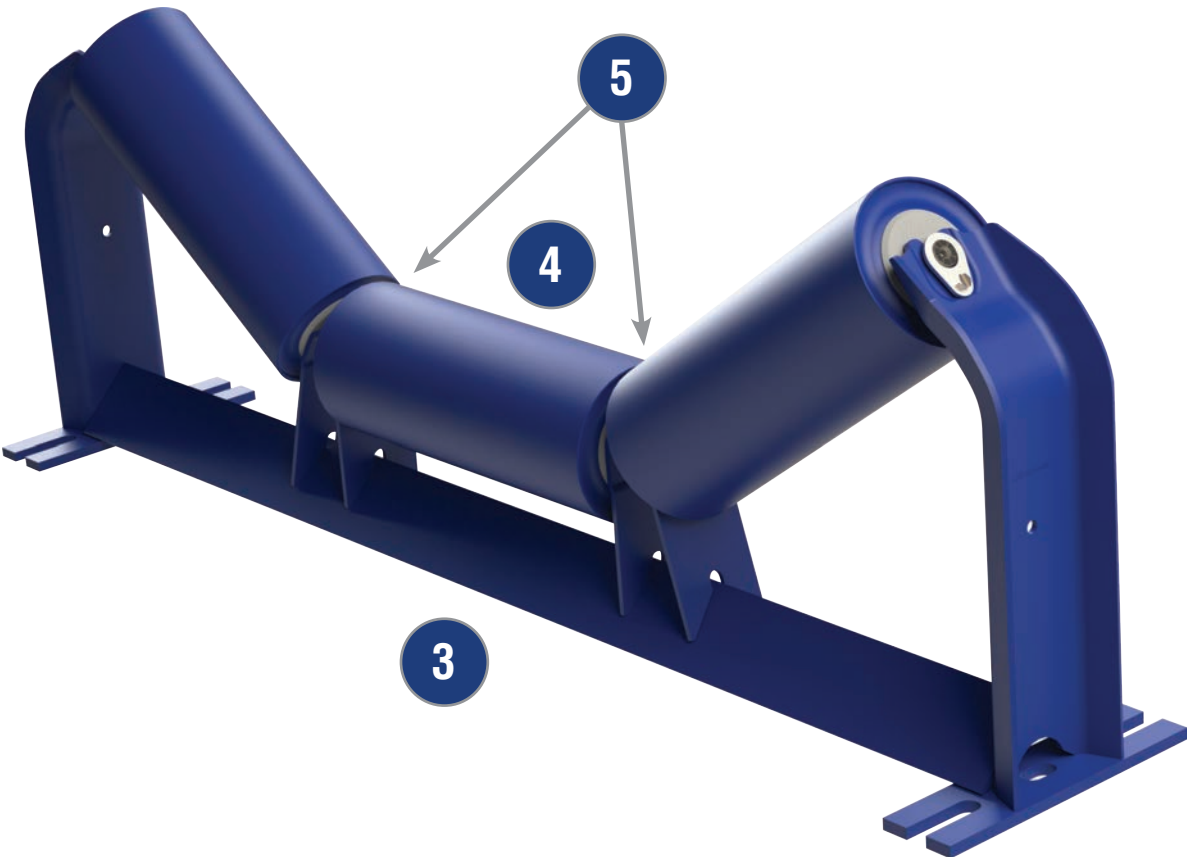


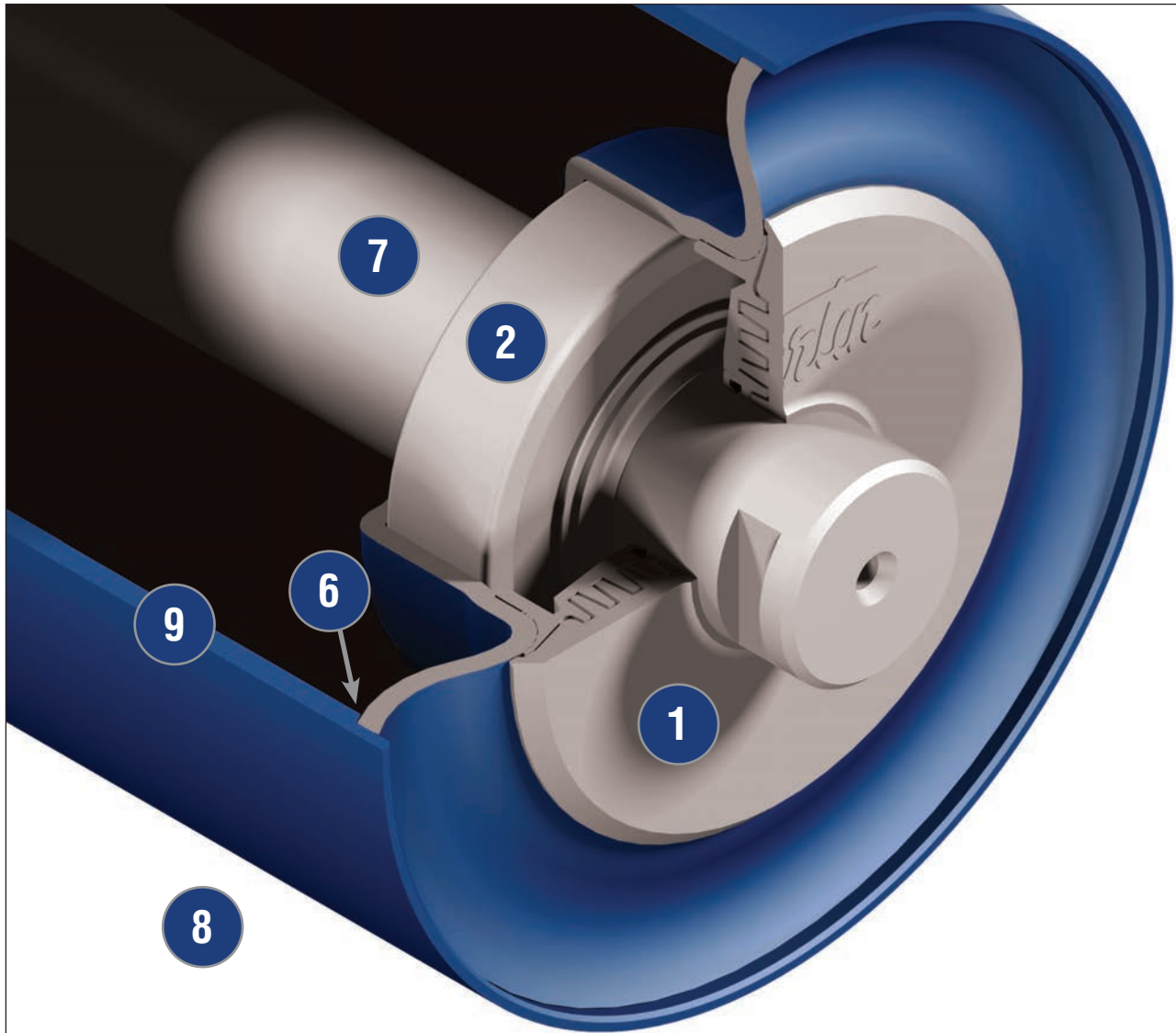
The E Series Idler sets a standard for the industry

- Manufactured using sealed for life ball bearings for long maintenance free operation
- Ultimate *Martin* Triple Labyrinth Seal guard bearing protection
- Conform to all CEMA E load and dimensional requirements
- *Martin* Triple Labyrinth Seal Guard offers a balance of seal performance and low rolling resistance

CEMA E Load Ratings

Belt Width	Troughing Angle			Return & Flat	Unequal (Picking)	Live Shaft
	20°	35°	45°			
36	1800	1800	1800	1000	1260	—
42	1800	1800	1800	1000	1200	2100
48	1800	1800	1800	1000	1000	2100
54	1800	1800	1800	925	1000	2100
60	1800	1800	1800	850	1000	2100
66	1800	1800	1800	775	1000	2100
72	1800	1800	1800	700	925	2100
78	—	—	—	625	—	—
84	1800	1674	1620	550	775	1825
90	—	—	—	475	—	—
96	1750	1628	1575	400	625	—
102	—	—	—	250	—	—
Two Roll V>Returns (All)				1300	—	—





1

Martin Triple Labyrinth Seal design offers the following exclusive *Martin* bearing protection

- External shield deters impurities from entering the bearing housing
- Flinger design removes contaminants away from the bearing housing by centrifugal force
- *Martin* Triple Labyrinth Seal is grease filled that offers an additional level of protection from contaminants and water ingress impacting the bearing.
- The contact lip seal adds additional level of protection

2

CEMA E Idlers have sealed for life ball bearings

3

CEMA E Idlers standard product line will be 36" to 96" belt widths. Rapid response for made-to-orders will be available

4

Martin CEMA E Idlers offers extremely low rolling resistance that allows for lower operating cost

5

Roll gap meets NIBA recommendation

6

Patent pending Idler end welding allows for protection against belt wear

7

1.625" solid steel shaft machined down to 40 mm at each end

8

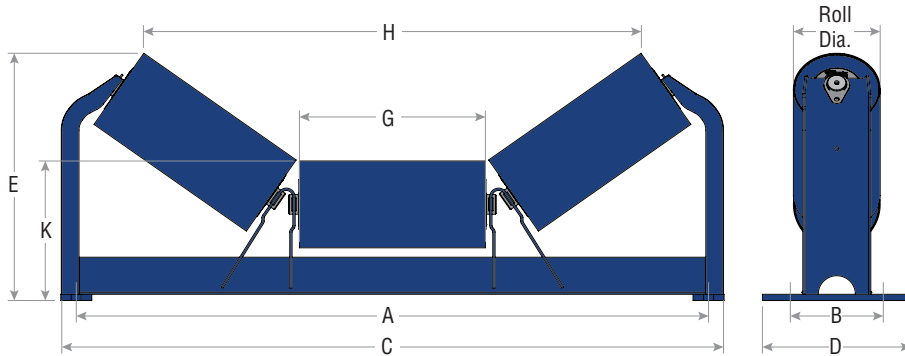
Martin Idlers have exceptional low TIR runout

9

7 gauge steel tubing is used for CEMA E6 Idlers. 1/4" wall steel tubing is used for CEMA E7 Idlers

CEMA E Equal Troughers

Martin



Belt Width	Standard Dimensions					Wide Base	
	A	B	C	D	G	Aw*	Cw*
36	45	7.5	49	12	13	51	53.5
42	51	7.5	54.75	12	15	57	59.5
48	57	7.5	62.63	12	17.75	63	65.5
54	63	7.5	68.38	12	19.75	69	71.5
60	69	7.5	74.25	12	21.75	75	77.5
66	75	7.5	79.88	12	23.75	81	83.5
72	81	7.5	85.88	12	25.75	87	89.5
84	93	9	97.25	14.5	29.75	99	101.5
96	105	9	108.75	14.5	33.75	111	113.5

*Dimension not shown; for wide base.

20° Equal Troughers

Belt Width	6" Roll Diameter						7" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
36	E6-20T-36-07	15.38	39.75	10.75	145	E6-T-36-07	E7-20T-36-04	15.88	39.38	11.25	153	E7-T-36-04
42	E6-20T-42-07	16.06	45.5	10.75	159	E6-T-42-07	E7-20T-42-04	16.56	45.13	11.25	169	E7-T-42-04
48	E6-20T-48-07	17	53.44	10.75	178	E6-T-48-07	E7-20T-48-04	17.5	53.06	11.25	189	E7-T-48-04
54	E6-20T-54-07	17.69	59.19	10.75	193	E6-T-54-07	E7-20T-54-04	18.19	58.88	11.25	205	E7-T-54-04
60	E6-20T-60-07	18.38	64.94	10.75	208	E6-T-60-07	E7-20T-60-04	18.88	64.56	11.25	221	E7-T-60-04
66	E6-20T-66-07	19.81	70.69	11.5	232	E6-T-66-07	E7-20T-66-04	20.25	70.31	12	246	E7-T-66-04
72	E6-20T-72-07	20.5	76.44	11.5	255	E6-T-72-07	E7-20T-72-04	20.94	76.13	12	270	E7-T-72-04
84	E6-20T-84-07	21.94	87.94	11.63	292	E6-T-84-07	E7-20T-84-04	22.44	87.56	12.13	309	E7-T-84-04
96	E6-20T-96-07	23.31	99.5	11.63	324	E6-T-96-07	E7-20T-96-04	23.81	99.13	12.13	343	E7-T-96-04

35° Equal Troughers

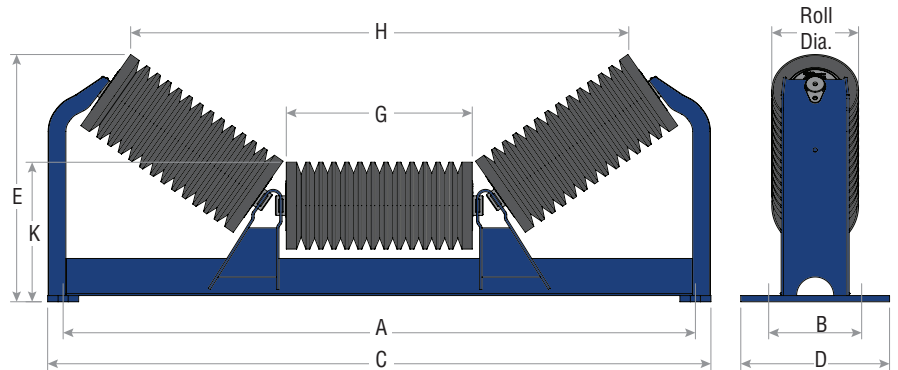
Belt Width	6" Roll Diameter						7" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
36	E6-35T-36-07	20.13	32.56	10.75	148	E6-T-36-07	E7-35T-36-04	18.75	34.75	11.25	157	E7-T-36-04
42	E6-35T-42-07	21.56	37.38	10.75	163	E6-T-42-07	E7-35T-42-04	19.88	40.06	11.25	173	E7-T-42-04
48	E6-35T-48-07	23.5	44.06	10.75	182	E6-T-48-07	E7-35T-48-04	21.5	47.31	11.25	193	E7-T-48-04
54	E6-35T-54-07	24.94	48.88	10.75	197	E6-T-54-07	E7-35T-54-04	22.63	52.63	11.25	209	E7-T-54-04
60	E6-35T-60-07	26.31	53.69	10.75	213	E6-T-60-07	E7-35T-60-04	23.75	57.88	11.25	226	E7-T-60-04
66	E6-35T-66-07	28.5	58.56	11.5	237	E6-T-66-07	E7-35T-66-04	25.69	63.13	12	251	E7-T-66-04
72	E6-35T-72-07	29.88	63.38	11.5	261	E6-T-72-07	E7-35T-72-04	26.81	68.44	12	276	E7-T-72-04
84	E6-35T-84-07	32.81	73	11.63	298	E6-T-84-07	E7-35T-84-04	29.19	78.94	12.13	315	E7-T-84-04
96	E6-35T-96-07	35.69	82.63	11.63	331	E6-T-96-07	E7-35T-96-04	31.5	89.5	12.13	350	E7-T-96-04

45° Equal Troughers

Belt Width	6" Roll Diameter						7" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
36	E6-45T-36-07	20.13	32.56	10.75	151	E6-T-36-07	E7-45T-36-04	20.5	31.88	11.25	160	E7-T-36-04
42	E6-45T-42-07	21.56	37.38	10.75	167	E6-T-42-07	E7-45T-42-04	21.88	36.69	11.25	176	E7-T-42-04
48	E6-45T-48-07	23.5	44.06	10.75	186	E6-T-48-07	E7-45T-48-04	23.88	43.31	11.25	197	E7-T-48-04
54	E6-45T-54-07	24.94	48.88	10.75	202	E6-T-54-07	E7-45T-54-04	25.25	48.13	11.25	214	E7-T-54-04
60	E6-45T-60-07	26.31	53.69	10.75	218	E6-T-60-07	E7-45T-60-04	26.69	52.94	11.25	230	E7-T-60-04
66	E6-45T-66-07	28.5	58.56	11.5	242	E6-T-66-07	E7-45T-66-04	28.81	57.81	12	256	E7-T-66-04
72	E6-45T-72-07	29.88	63.38	11.5	267	E6-T-72-07	E7-45T-72-04	30.25	62.63	12	282	E7-T-72-04
84	E6-45T-84-07	32.81	73	11.63	304	E6-T-84-07	E7-45T-84-04	33.19	75.31	12.13	321	E7-T-84-04
96	E6-45T-96-07	35.69	82.63	11.63	338	E6-T-96-07	E7-45T-96-04	36	81.94	12.13	357	E7-T-96-04

Belt Width	Standard Dimensions					Wide Base	
	A	B	C	D	G	Aw*	Cw*
36	45	7.5	49	12	13	51	53.5
42	51	7.5	54.75	12	15	57	59.5
48	57	7.5	62.63	12	17.75	63	65.5
54	63	7.5	68.38	12	19.75	69	71.5
60	69	7.5	74.25	12	21.75	75	77.5
66	75	7.5	79.88	12	23.75	81	83.5
72	81	7.5	85.88	12	25.75	87	89.5
84	93	9	97.25	14.5	29.75	99	101.5
96	105	9	108.75	14.5	33.75	111	113.5

*Dimension not shown; for wide base.



20° Equal Impact Troughers

Belt Width	6" Roll Diameter						7" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
36	E6-20TI-36	15.38	39.75	10.75	147	E6-TI-36	E7-20TI-36	15.88	39.38	11.25	155	E7-TI-36
42	E6-20TI-42	16.06	45.5	10.75	165	E6-TI-42	E7-20TI-42	16.56	45.13	11.25	176	E7-TI-42
48	E6-20TI-48	17	53.44	10.75	188	E6-TI-48	E7-20TI-48	17.5	53.06	11.25	199	E7-TI-48
54	E6-20TI-54	17.69	59.19	10.75	207	E6-TI-54	E7-20TI-54	18.19	58.88	11.25	220	E7-TI-54
60	E6-20TI-60	18.38	64.94	10.75	225	E6-TI-60	E7-20TI-60	18.88	64.56	11.25	239	E7-TI-60
66	E6-20TI-66	19.81	70.69	11.5	256	E6-TI-66	E7-20TI-66	20.25	70.31	12	272	E7-TI-66
72	E6-20TI-72	20.5	76.44	11.5	286	E6-TI-72	E7-20TI-72	20.94	76.13	12	305	E7-TI-72
84	E6-20TI-84	21.94	87.94	11.63	275	E6-TI-84	E7-20TI-84	22.44	87.56	12.13	351	E7-TI-84
96	E6-20TI-96	23.31	99.5	11.63	290	E6-TI-96	E7-20TI-96	23.81	99.13	12.13	394	E7-TI-96

35° Equal Impact Troughers

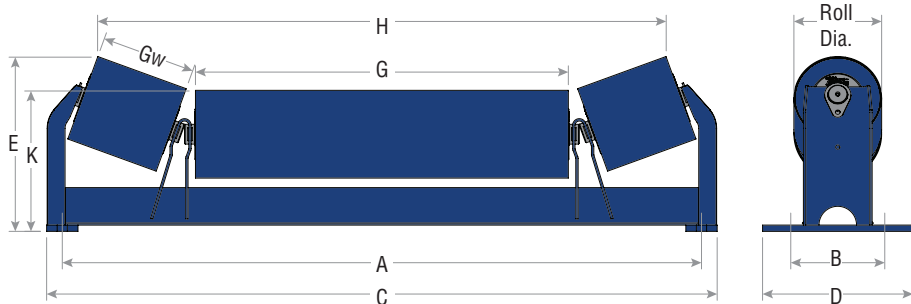
Belt Width	6" Roll Diameter						7" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
36	E6-35TI-36	18.31	35.38	10.75	153	E6-TI-36	E7-35TI-36	18.75	34.19	11.25	161	E7-TI-36
42	E6-35TI-42	19.5	40.63	10.75	172	E6-TI-42	E7-35TI-42	19.88	40.06	11.25	182	E7-TI-42
48	E6-35TI-48	21.06	47.88	10.75	195	E6-TI-48	E7-35TI-48	21.5	47.31	11.25	206	E7-TI-48
54	E6-35TI-54	22.25	53.19	10.75	214	E6-TI-54	E7-35TI-54	22.63	52.63	11.25	227	E7-TI-54
60	E6-35TI-60	23.38	58.44	10.75	233	E6-TI-60	E7-35TI-60	23.75	57.88	11.25	247	E7-TI-60
66	E6-35TI-66	25.25	63.75	11.5	264	E6-TI-66	E7-35TI-66	25.69	63.13	12	280	E7-TI-66
72	E6-35TI-72	26.44	69	11.5	295	E6-TI-72	E7-35TI-72	26.81	68.44	12	313	E7-TI-72
84	E6-35TI-84	28.81	79.56	11.63	313	E6-TI-84	E7-35TI-84	29.19	78.94	12.13	361	E7-TI-84
96	E6-35TI-96	31.13	90.13	11.63	341	E6-TI-96	E7-35TI-96	31.5	89.5	12.13	404	E7-TI-96

45° Equal Impact Troughers

Belt Width	6" Roll Diameter						7" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
36	E6-45TI-36	20.13	32.56	10.75	159	E6-TI-36	E7-45TI-36	20.5	31.88	11.25	167	E7-TI-36
42	E6-45TI-42	21.56	37.38	10.75	179	E6-TI-42	E7-45TI-42	21.88	36.69	11.25	188	E7-TI-42
48	E6-45TI-48	23.5	44.06	10.75	202	E6-TI-48	E7-45TI-48	23.88	43.31	11.25	213	E7-TI-48
54	E6-45TI-54	24.94	48.88	10.75	221	E6-TI-54	E7-45TI-54	25.25	48.13	11.25	234	E7-TI-54
60	E6-45TI-60	26.31	53.69	10.75	241	E6-TI-60	E7-45TI-60	26.69	52.94	11.25	255	E7-TI-60
66	E6-45TI-66	28.5	58.56	11.5	273	E6-TI-66	E7-45TI-66	28.81	57.81	12	288	E7-TI-66
72	E6-45TI-72	29.88	63.38	11.5	304	E6-TI-72	E7-45TI-72	30.25	62.63	12	321	E7-TI-72
84	E6-45TI-84	32.81	72	11.63	350	E6-TI-84	E7-45TI-84	33.19	72.31	12.13	371	E7-TI-84
96	E6-45TI-96	35.69	82.63	11.63	392	E6-TI-96	E7-45TI-96	36	81.94	12.13	414	E7-TI-96

CEMA E Unequal Troughers

Martin



Belt Width	Standard Dimensions				Wide Base	
	A	B	C	D	Aw*	Cw*
36	45	7.5	49.38	12	51	55.38
42	51	7.5	55.38	12	57	61.38
48	57	7.5	61.38	12	63	67.38
54	63	7.5	67.38	12	69	73.38
60	69	7.5	73.38	12	75	79.38
66	75	7.5	79.38	12	81	85.38
72	81	7.5	85.38	12	87	91.38
84	93	9	97.38	14.5	99	103.38
96	105	9	109.38	14.5	111	115.38

*Dimension not shown; for wide base.

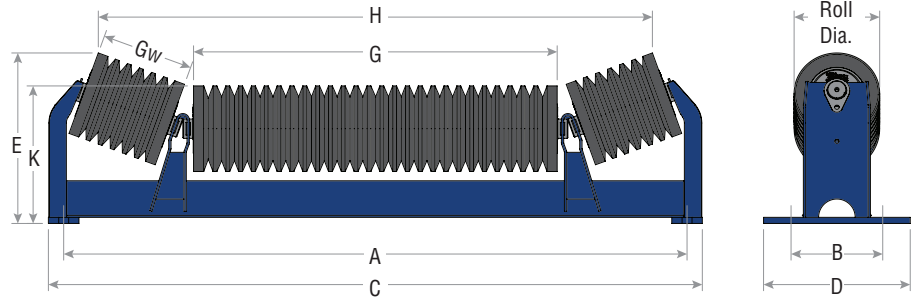
20° Unequal Troughers

Belt Width	G	Gw	6" Roll Diameter						
			Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll
36	23.75	7.5	E6-20U-36-07	13.5	40.19	10.75	142	E6-20UC-36-07	E6-20UW-36-07
42	29.75	7.5	E6-20U-42-07	13.5	46.19	10.75	156	E6-20UC-42-07	
48	35.75	7.5	E6-20U-48-07	13.5	51.19	10.75	167	E6-20UC-48-07	
54	41.75	7.5	E6-20U-54-07	13.5	58.19	10.75	182	E6-20UC-54-07	
60	47.75	7.5	E6-20U-60-07	13.5	64.19	10.75	196	E6-20UC-60-07	
66	53.75	7.5	E6-20U-66-07	14.25	70.13	11.5	219	E6-20UC-66-07	
72	59.75	7.5	E6-20U-72-07	14.25	76.13	11.5	242	E6-20UC-72-07	
84	71.75	7.5	E6-20U-84-07	14.38	88.13	11.63	277	E6-20UC-84-07	
96	83.75	7.5	E6-20U-96-07	14.38	100.13	11.63	307	E6-20UC-96-07	

Belt Width	G	Gw	7" Roll Diameter						
			Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll
36	23.75	7.5	E7-20U-36-04	13.94	39.81	11.25	150	E7-20UC-36-04	E7-20UW-36-04
42	29.75	7.5	E7-20U-42-04	13.94	45.81	11.25	166	E7-20UC-42-04	
48	35.75	7.5	E7-20U-48-04	13.94	51.81	11.25	178	E7-20UC-48-04	
54	41.75	7.5	E7-20U-54-04	13.94	57.81	11.25	193	E7-20UC-54-04	
60	47.75	7.5	E7-20U-60-04	13.94	63.81	11.25	208	E7-20UC-60-04	
66	53.75	7.5	E7-20U-66-04	14.75	69.75	12	232	E7-20UC-66-04	
72	59.75	7.5	E7-20U-72-04	14.75	75.75	12	256	E7-20UC-72-04	
84	71.75	7.5	E7-20U-84-04	14.81	87.75	12.13	293	E7-20UC-84-04	
96	83.75	7.5	E7-20U-96-04	14.81	99.75	12.13	326	E7-20UC-96-04	

Belt Width	Standard Dimensions				Wide Base	
	A	B	C	D	Aw*	Cw*
36	45	7.5	49.38	12	51	55.38
42	51	7.5	55.38	12	57	61.38
48	57	7.5	61.38	12	63	67.38
54	63	7.5	67.38	12	69	73.38
60	69	7.5	73.38	12	75	79.38
66	75	7.5	79.38	12	81	85.38
72	81	7.5	85.38	12	87	91.38
84	93	9	97.38	14.5	99	103.38
96	105	9	109.38	14.5	111	115.38

*Dimension not shown; for wide base.



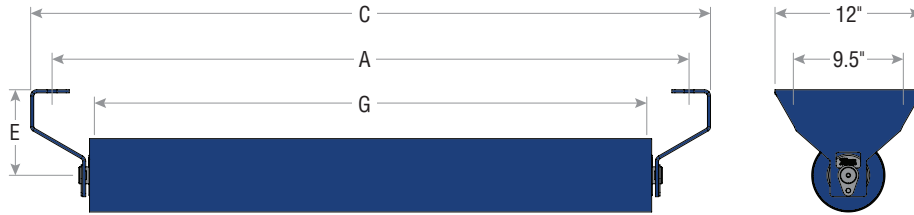
20° Unequal Impact Troughers

Belt Width	G	Gw	6" Roll Diameter						
			Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll
36	23.75	7.5	E6-20UI-36	13.5	40.19	10.75	146	E6-20UIC-36	E6-20UIW-36
42	29.75	7.5	E6-20UI-42	13.5	46.19	10.75	164	E6-20UIC-42	
48	35.75	7.5	E6-20UI-48	13.5	52.19	10.75	178	E6-20UIC-48	
54	41.75	7.5	E6-20UI-54	13.5	58.19	10.75	197	E6-20UIC-54	
60	47.75	7.5	E6-20UI-60	13.5	64.19	10.75	214	E6-20UIC-60	
66	53.75	7.5	E6-20UI-66	14.25	70.13	11.5	244	E6-20UIC-66	
72	59.75	7.5	E6-20UI-72	14.25	76.13	11.5	274	E6-20UIC-72	
84	71.75	7.5	E6-20UI-84	14.38	88.13	11.63	317	E6-20UIC-84	
96	83.75	7.5	E6-20UI-96	14.38	100.13	11.63	347	E6-20UIC-96	

Belt Width	G	Gw	7" Roll Diameter						
			Part Number	E	H	K	Wt.	Replacement Center Roll	Replacement Wing Roll
36	23.75	7.5	E7-20UI-36	13.5	40.19	10.75	154	E7-20UIC-36	E7-20UIW-36
42	29.75	7.5	E7-20UI-42	13.5	46.19	10.75	174	E7-20UIC-42	
48	35.75	7.5	E7-20UI-48	13.5	52.19	10.75	180	E7-20UIC-48	
54	41.75	7.5	E7-20UI-54	13.5	58.19	10.75	209	E7-20UIC-54	
60	47.75	7.5	E7-20UI-60	13.5	64.19	10.75	227	E7-20UIC-60	
66	53.75	7.5	E7-20UI-66	14.25	70.13	11.5	259	E7-20UIC-66	
72	59.75	7.5	E7-20UI-72	14.25	76.13	11.5	290	E7-20UIC-72	
84	71.75	7.5	E7-20UI-84	14.38	88.13	11.63	336	E7-20UIC-84	
96	83.75	7.5	E7-20UI-96	14.38	100.13	11.63	378	E7-20UIC-96	

CEMA E Returns

Martin



Belt Width	Standard Dimensions		
	A	C	G
36	45	48	40
42	51	54	46
48	57	60	52
54	63	66	58
60	69	72	64
66	75	78	70
72	81	84	76
84	93	96	88
96	105	108	100
102	111	114	106

Returns (E = 1.5")

Belt Width	6" Roll Diameter			7" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
36	E6-R-36-07-1	62	E6-R-36-07	E7-R-36-04-1	68	E7-R-36-04
42	E6-R-42-07-1	68	E6-R-42-07	E7-R-42-04-1	76	E7-R-42-04
48	E6-R-48-07-1	76	E6-R-48-07	E7-R-48-04-1	85	E7-R-48-04
54	E6-R-54-07-1	84	E6-R-54-07	E7-R-54-04-1	93	E7-R-54-04
60	E6-R-60-07-1	91	E6-R-60-07	E7-R-60-04-1	102	E7-R-60-04
66	E6-R-66-07-1	99	E6-R-66-07	E7-R-66-04-1	110	E7-R-66-04
72	E6-R-72-07-1	106	E6-R-72-07	E7-R-72-04-1	119	E7-R-72-04
84	E6-R-84-07-1	122	E6-R-84-07	E7-R-84-04-1	136	E7-R-84-04
96	E6-R-96-07-1	137	E6-R-96-07	E7-R-96-04-1	153	E7-R-96-04
102	E6-R-102-07-1	144	E6-R-102-07	E7-R-102-04-1	162	E7-R-102-04

Returns (E = 4.5", Belt Saver)

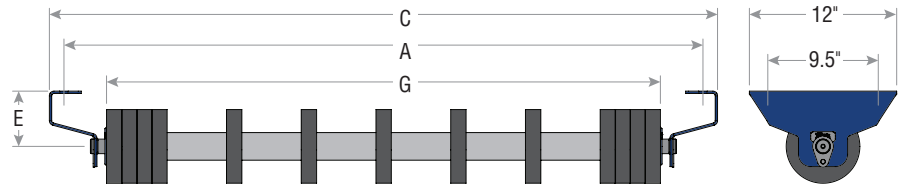
Belt Width	6" Roll Diameter			7" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
36	E6-R-36-07-4S	63	E6-R-36-07	E7-R-36-04-4S	70	E7-R-36-04
42	E6-R-42-07-4S	71	E6-R-42-07	E7-R-42-04-4S	79	E7-R-42-04
48	E6-R-48-07-4S	79	E6-R-48-07	E7-R-48-04-4S	87	E7-R-48-04
54	E6-R-54-07-4S	86	E6-R-54-07	E7-R-54-04-4S	96	E7-R-54-04
60	E6-R-60-07-4S	94	E6-R-60-07	E7-R-60-04-4S	104	E7-R-60-04
66	E6-R-66-07-4S	101	E6-R-66-07	E7-R-66-04-4S	113	E7-R-66-04
72	E6-R-72-07-4S	109	E6-R-72-07	E7-R-72-04-4S	121	E7-R-72-04
84	E6-R-84-07-4S	124	E6-R-84-07	E7-R-84-04-4S	139	E7-R-84-04
96	E6-R-96-07-4S	139	E6-R-96-07	E7-R-96-04-4S	156	E7-R-96-04
102	E6-R-102-07-4S	147	E6-R-102-07	E7-R-102-04-4S	164	E7-R-102-04

Returns (E = 7", Belt Saver)

Belt Width	6" Roll Diameter			7" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
36	E6-R-36-07-7S	68	E6-R-36-07	E7-R-36-04-7S	75	E7-R-36-04
42	E6-R-42-07-7S	76	E6-R-42-07	E7-R-42-04-7S	84	E7-R-42-04
48	E6-R-48-07-7S	83	E6-R-48-07	E7-R-48-04-7S	92	E7-R-48-04
54	E6-R-54-07-7S	91	E6-R-54-07	E7-R-54-04-7S	101	E7-R-54-04
60	E6-R-60-07-7S	99	E6-R-60-07	E7-R-60-04-7S	109	E7-R-60-04
66	E6-R-66-07-7S	106	E6-R-66-07	E7-R-66-04-7S	118	E7-R-66-04
72	E6-R-72-07-7S	114	E6-R-72-07	E7-R-72-04-7S	126	E7-R-72-04
84	E6-R-84-07-7S	129	E6-R-84-07	E7-R-84-04-7S	143	E7-R-84-04
96	E6-R-96-07-7S	144	E6-R-96-07	E7-R-96-04-7S	161	E7-R-96-04
102	E6-R-102-07-7S	152	E6-R-102-07	E7-R-102-04-7S	169	E7-R-102-04

Note: Brackets May Be Sold Separately (page N-63).

Belt Width	Standard Dimensions		
	A	C	G
36	45	48	40
42	51	54	46
48	57	60	52
54	63	66	58
60	69	72	64
66	75	78	70
72	81	84	76
84	93	96	88
96	105	108	100
102	111	114	106



Return Rubber Discs (E = 1")

Belt Width	6" Roll Diameter			7" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
36	E6-RRD-36-1	56	E6-RRD-36	E7-RRD-36-1	62	E7-RRD-36
42	E6-RRD-42-1	63	E6-RRD-42	E7-RRD-42-1	69	E7-RRD-42
48	E6-RRD-48-1	70	E6-RRD-48	E7-RRD-48-1	77	E7-RRD-48
54	E6-RRD-54-1	77	E6-RRD-54	E7-RRD-54-1	84	E7-RRD-54
60	E6-RRD-60-1	84	E6-RRD-60	E7-RRD-60-1	91	E7-RRD-60
66	E6-RRD-66-1	91	E6-RRD-66	E7-RRD-66-1	99	E7-RRD-66
72	E6-RRD-72-1	98	E6-RRD-72	E7-RRD-72-1	106	E7-RRD-72
84	E6-RRD-84-1	112	E6-RRD-84	E7-RRD-84-1	121	E7-RRD-84
96	E6-RRD-96-1	125	E6-RRD-96	E7-RRD-96-1	135	E7-RRD-96
102	E6-RRD-102-1	132	E6-RRD-102	E7-RRD-102-1	143	E7-RRD-102

Return Rubber Discs (E = 4.5" Belt Saver)

Belt Width	6" Roll Diameter			7" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
36	E6-RRD-36-4S	59	E6-RRD-36	E7-RRD-36-4S	65	E7-RRD-36
42	E6-RRD-42-4S	66	E6-RRD-42	E7-RRD-42-4S	72	E7-RRD-42
48	E6-RRD-48-4S	73	E6-RRD-48	E7-RRD-48-4S	79	E7-RRD-48
54	E6-RRD-54-4S	80	E6-RRD-54	E7-RRD-54-4S	87	E7-RRD-54
60	E6-RRD-60-4S	87	E6-RRD-60	E7-RRD-60-4S	94	E7-RRD-60
66	E6-RRD-66-4S	93	E6-RRD-66	E7-RRD-66-4S	101	E7-RRD-66
72	E6-RRD-72-4S	100	E6-RRD-72	E7-RRD-72-4S	109	E7-RRD-72
84	E6-RRD-84-4S	114	E6-RRD-84	E7-RRD-84-4S	123	E7-RRD-84
96	E6-RRD-96-4S	128	E6-RRD-96	E7-RRD-96-4S	138	E7-RRD-96
102	E6-RRD-102-4S	135	E6-RRD-102	E7-RRD-102-4S	145	E7-RRD-102

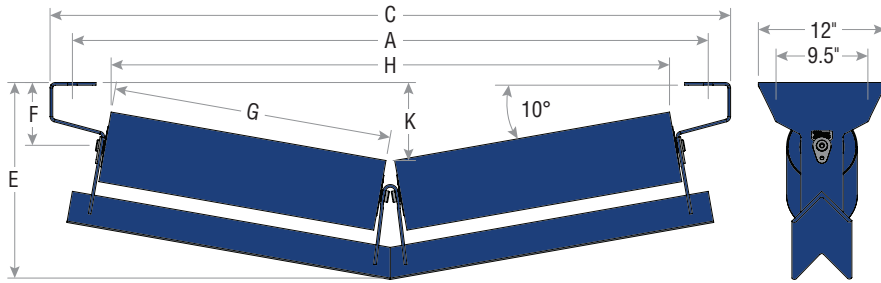
Return Rubber Discs (E = 7", Belt Saver)

Belt Width	6" Roll Diameter			7" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
36	E6-RRD-36-7S	64	E6-RRD-36	E7-RRD-36-7S	69	E7-RRD-36
42	E6-RRD-42-7S	71	E6-RRD-42	E7-RRD-42-7S	77	E7-RRD-42
48	E6-RRD-48-7S	78	E6-RRD-48	E7-RRD-48-7S	84	E7-RRD-48
54	E6-RRD-54-7S	85	E6-RRD-54	E7-RRD-54-7S	91	E7-RRD-54
60	E6-RRD-60-7S	91	E6-RRD-60	E7-RRD-60-7S	99	E7-RRD-60
66	E6-RRD-66-7S	98	E6-RRD-66	E7-RRD-66-7S	106	E7-RRD-66
72	E6-RRD-72-7S	105	E6-RRD-72	E7-RRD-72-7S	113	E7-RRD-72
84	E6-RRD-84-7S	119	E6-RRD-84	E7-RRD-84-7S	128	E7-RRD-84
96	E6-RRD-96-7S	133	E6-RRD-96	E7-RRD-96-7S	143	E7-RRD-96
102	E6-RRD-102-7S	140	E6-RRD-102	E7-RRD-102-7S	150	E7-RRD-102

Note: Brackets May Be Sold Separately (page N-63).

CEMA E V>Returns

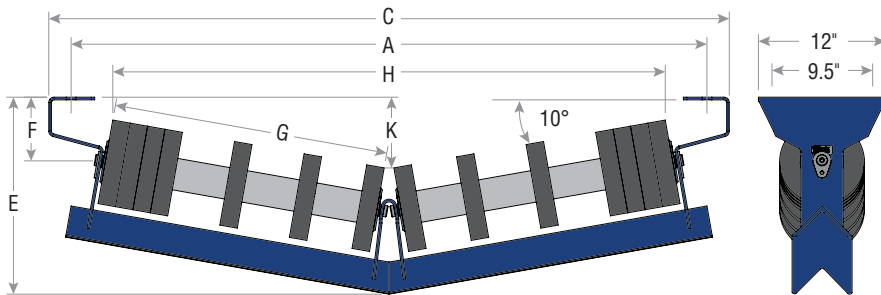
Martin



Belt Width	Standard Dimensions		
	A	C	G
36	45	49	19
42	51	55	22.06
48	57	61	25.06
54	63	67	28.13
60	69	73	31.19
66	75	79	34.25
72	81	85	37.25
78	87	91	40.31
84	93	97	43.38
90	99	103	46.44
96	105	109	49.44
102	111	115	52.5

V>Returns (F = 7")

Belt Width	6" Roll Diameter						7" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
36	E6-10V7-36-07	18.13	38.56	7.56	86	E6-V-36-07	E7-10V7-36-04	18.13	38.44	7.06	93	E7-V-36-04
42	E6-10V7-42-07	18.69	44.63	8.13	94	E6-V-42-07	E7-10V7-42-04	18.69	44.44	7.63	102	E7-V-42-04
48	E6-10V7-48-07	19.19	50.63	8.69	106	E6-V-48-07	E7-10V7-48-04	19.19	50.44	8.19	115	E7-V-48-04
54	E6-10V7-54-07	19.75	56.63	9.19	119	E6-V-54-07	E7-10V7-54-04	19.75	56.44	8.69	129	E7-V-54-04
60	E6-10V7-60-07	20.25	62.63	9.69	126	E6-V-60-07	E7-10V7-60-04	20.25	62.44	9.19	137	E7-V-60-04
66	E6-10V7-66-07	20.81	68.63	10.25	134	E6-V-66-07	E7-10V7-66-04	20.81	68.44	9.75	145	E7-V-66-04
72	E6-10V7-72-07	21.31	74.63	10.75	144	E6-V-72-07	E7-10V7-72-04	21.31	74.44	10.25	157	E7-V-72-04
78	E6-10V7-78-07	22.06	80.63	11.31	154	E6-V-78-07	E7-10V7-78-04	22.06	80.44	10.81	168	E7-V-78-04
84	E6-10V7-84-07	22.63	86.63	11.88	164	E6-V-84-07	E7-10V7-84-04	22.63	86.44	11.31	179	E7-V-84-04
90	E6-10V7-90-07	23.13	92.63	12.38	174	E6-V-90-07	E7-10V7-90-04	23.13	92.44	11.88	190	E7-V-90-04
96	E6-10V7-96-07	23.69	98.63	12.88	184	E6-V-96-07	E7-10V7-96-04	23.69	98.44	12.38	201	E7-V-96-04
102	E6-10V7-102-07	24.19	104.63	13.44	194	E6-V-102-07	E7-10V7-102-04	24.19	104.44	12.94	212	E7-V-102-04

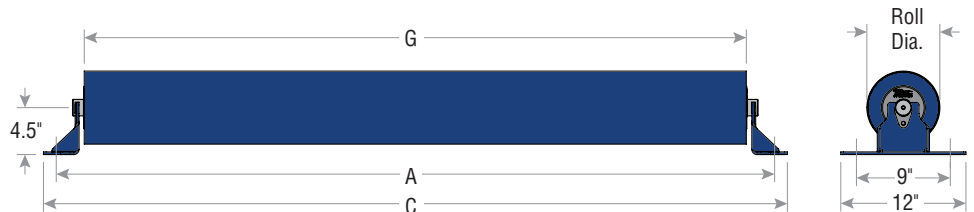


Belt Width	Standard Dimensions		
	A	C	G
36	45	49	19
42	51	55	22.06
48	57	61	25.06
54	63	67	28.13
60	69	73	31.19
66	75	79	34.25
72	81	85	37.25
78	87	91	40.31
84	93	97	43.38
90	99	103	46.44
96	105	109	49.44
102	111	115	52.5

V-Return Rubber Discs (F = 7")

Belt Width	6" Roll Diameter						7" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
36	E6-10VRD7-36	18.13	38.56	7.56	76	E6-VRD-36	E7-10VRD7-36	18.13	38.44	7.06	82	E7-VRD-36
42	E6-10VRD7-42	18.69	44.63	8.13	86	E6-VRD-42	E7-10VRD7-42	18.69	44.44	7.63	93	E7-VRD-42
48	E6-10VRD7-48	19.19	50.63	8.69	95	E6-VRD-48	E7-10VRD7-48	19.19	50.44	8.19	101	E7-VRD-48
54	E6-10VRD7-54	19.75	56.63	9.19	105	E6-VRD-54	E7-10VRD7-54	19.75	56.44	8.69	113	E7-VRD-54
60	E6-10VRD7-60	20.25	62.63	9.69	114	E6-VRD-60	E7-10VRD7-60	20.25	62.44	9.19	121	E7-VRD-60
66	E6-10VRD7-66	20.81	68.63	10.25	124	E6-VRD-66	E7-10VRD7-66	20.81	68.44	9.75	132	E7-VRD-66
72	E6-10VRD7-72	21.31	74.63	10.75	133	E6-VRD-72	E7-10VRD7-72	21.31	74.44	10.25	141	E7-VRD-72
78	E6-10VRD7-78	22.06	80.63	11.31	143	E6-VRD-78	E7-10VRD7-78	22.06	80.44	10.81	152	E7-VRD-78
84	E6-10VRD7-84	22.63	86.63	11.88	151	E6-VRD-84	E7-10VRD7-84	22.63	86.44	11.31	161	E7-VRD-84
90	E6-10VRD7-90	23.13	92.63	12.38	162	E6-VRD-90	E7-10VRD7-90	23.13	92.44	11.88	172	E7-VRD-90
96	E6-10VRD7-96	23.69	98.63	12.88	170	E6-VRD-96	E7-10VRD7-96	23.69	98.44	12.38	180	E7-VRD-96
102	E6-10VRD7-102	24.19	104.63	13.44	180	E6-VRD-102	E7-10VRD7-102	24.19	104.44	12.94	192	E7-VRD-102

Belt Width	Standard Dimensions		
	A	C	G
36	45	47	40
42	51	53	46
48	57	59	52
54	63	65	58
60	69	71	64
66	75	77	70
72	81	83	76
84	93	95	88
96	105	107	100
102	111	113	106

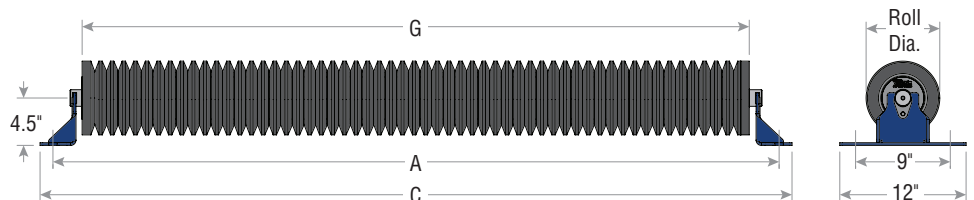


Flat Carriers (E = 4.5")

Belt Width	6" Roll Diameter			7" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
36	E6-F-36-07-4	79	E6-F-36-07	E7-F-36-04-4	86	E7-F-36-04
42	E6-F-42-07-4	89	E6-F-42-07	E7-F-42-04-4	97	E7-F-42-04
48	E6-F-48-07-4	98	E6-F-48-07	E7-F-48-04-4	107	E7-F-48-04
54	E6-F-54-07-4	108	E6-F-54-07	E7-F-54-04-4	118	E7-F-54-04
60	E6-F-60-07-4	117	E6-F-60-07	E7-F-60-04-4	128	E7-F-60-04
66	E6-F-66-07-4	127	E6-F-66-07	E7-F-66-04-4	139	E7-F-66-04
72	E6-F-72-07-4	136	E6-F-72-07	E7-F-72-04-4	149	E7-F-72-04
84	E6-F-84-07-4	156	E6-F-84-07	E7-F-84-04-4	170	E7-F-84-04
96	E6-F-96-07-4	175	E6-F-96-07	E7-F-96-04-4	191	E7-F-96-04
102	E6-F-102-07-4	184	E6-F-102-07	E7-F-102-04-4	202	E7-F-102-04

Note: Brackets May Be Sold Separately (page N-63).

Belt Width	Standard Dimensions		
	A	C	G
36	45	47	40
42	51	53	46
48	57	59	52
54	63	65	58
60	69	71	64
66	75	77	70
72	81	83	76
84	93	95	88
96	105	107	100
102	111	113	106



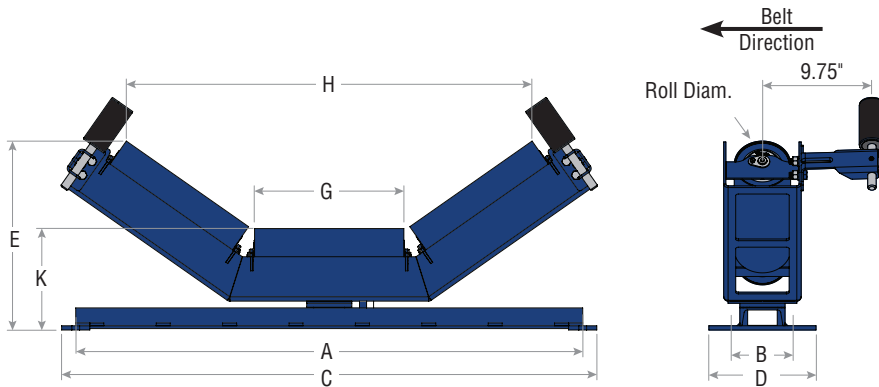
Flat Rubber Disc Carriers (E = 4.5")

Belt Width	6" Roll Diameter			7" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
36	E6-FRD-36-4	87	E6-FRD-36	E7-FRD-36-4	96	E7-FRD-36
42	E6-FRD-42-4	98	E6-FRD-42	E7-FRD-42-4	109	E7-FRD-42
48	E6-FRD-48-4	110	E6-FRD-48	E7-FRD-48-4	122	E7-FRD-48
54	E6-FRD-54-4	122	E6-FRD-54	E7-FRD-54-4	135	E7-FRD-54
60	E6-FRD-60-4	133	E6-FRD-60	E7-FRD-60-4	147	E7-FRD-60
66	E6-FRD-66-4	145	E6-FRD-66	E7-FRD-66-4	161	E7-FRD-66
72	E6-FRD-72-4	157	E6-FRD-72	E7-FRD-72-4	175	E7-FRD-72
84	E6-FRD-84-4	181	E6-FRD-84	E7-FRD-84-4	201	E7-FRD-84
96	E6-FRD-96-4	204	E6-FRD-96	E7-FRD-96-4	227	E7-FRD-96
102	E6-FRD-102-4	216	E6-FRD-102	E7-FRD-102-4	240	E7-FRD-102

Note: Brackets May Be Sold Separately (page N-63).

CEMA E Self-Aligner Equal Troughers

Martin



Belt Width	Standard Dimensions					Wide Base	
	A	B	C	D	G	Aw*	Cw*
36	45	7.5	47.5	12	13	51	53.5
42	51	7.5	53.5	12	15	57	59.5
48	57	7.5	59.5	12	17.75	63	65.5
54	63	7.5	65.5	12	19.75	69	71.5
60	69	7.5	71.5	12	21.75	75	77.5
66	75	7.5	77.5	12	23.75	81	83.5
72	81	7.5	83.5	12	25.75	87	89.5
84	93	9	95.5	14.5	29.75	99	101.5
96	105	9	107.5	14.5	33.75	111	113.5

*Dimension not shown; for wide base.

20° Self-Aligner Equal Troughers

Belt Width	6" Roll Diameter						7" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
36	E6-20TSA-36-07	15.75	39.75	11.13	193	E6-T-36-07	E7-20TSA-36-04	16.25	39.38	11.63	201	E7-T-36-04
42	E6-20TSA-42-07	16.5	45.5	11.13	210	E6-T-42-07	E7-20TSA-42-04	16.88	45.13	11.63	218	E7-T-42-04
48	E6-20TSA-48-07	17.38	53.44	11.13	248	E6-T-48-07	E7-20TSA-48-04	17.81	53.06	11.63	258	E7-T-48-04
54	E6-20TSA-54-07	18.06	59.19	11.13	268	E6-T-54-07	E7-20TSA-54-04	18.56	58.88	11.63	280	E7-T-54-04
60	E6-20TSA-60-07	18.75	64.94	11.13	291	E6-T-60-07	E7-20TSA-60-04	19.25	64.56	11.63	301	E7-T-60-04
66	E6-20TSA-66-07	20.56	70.63	12.25	311	E6-T-66-07	E7-20TSA-66-04	21.06	70.25	12.75	323	E7-T-66-04
72	E6-20TSA-72-07	21.25	76.44	12.25	342	E6-T-72-07	E7-20TSA-72-04	21.75	76.13	12.75	354	E7-T-72-04
84	E6-20TSA-84-07	22.63	87.94	12.25	379	E6-T-84-07	E7-20TSA-84-04	23.06	87.56	12.75	385	E7-T-84-04
96	E6-20TSA-96-07	24	99.5	12.25	417	E6-T-96-07	E7-20TSA-96-04	24.44	99.13	12.75	435	E7-T-96-04

35° Self-Aligner Equal Troughers

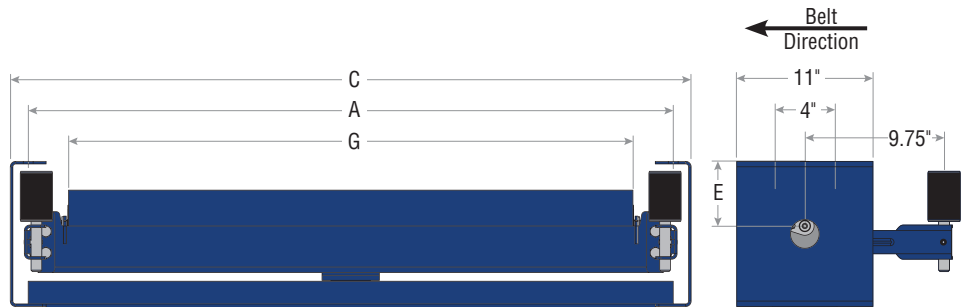
Belt Width	6" Roll Diameter						7" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
36	E6-35TSA-36-07	18.75	35.38	11.13	197	E6-T-36-07	E7-35TSA-36-04	19.13	34.75	11.63	205	E7-T-36-04
42	E6-35TSA-42-07	19.88	40.63	11.13	215	E6-T-42-07	E7-35TSA-42-04	20.25	40.06	11.63	223	E7-T-42-04
48	E6-35TSA-48-07	21.44	47.88	11.13	252	E6-T-48-07	E7-35TSA-48-04	21.88	47.31	11.63	263	E7-T-48-04
54	E6-35TSA-54-07	22.56	53.19	11.13	272	E6-T-54-07	E7-35TSA-54-04	21.88	52.63	11.63	284	E7-T-54-04
60	E6-35TSA-60-07	23.75	58.44	11.13	293	E6-T-60-07	E7-35TSA-60-04	24.19	57.88	11.63	305	E7-T-60-04
66	E6-35TSA-66-07	26.06	63.75	12.25	315	E6-T-66-07	E7-35TSA-66-04	26.5	63.19	12.75	305	E7-T-66-04
72	E6-35TSA-72-07	27.19	69	12.25	370	E6-T-72-07	E7-35TSA-72-04	27.56	68.44	12.75	326	E7-T-72-04
84	E6-35TSA-84-07	29.44	79.56	12.25	413	E6-T-84-07	E7-35TSA-84-04	29.88	78.94	12.75	428	E7-T-84-04
96	E6-35TSA-96-07	31.75	90.13	12.25	457	E6-T-96-07	E7-35TSA-96-04	32.13	89.5	12.75	472	E7-T-96-04

45° Self-Aligner Equal Troughers

Belt Width	6" Roll Diameter						7" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
36	E6-45TSA-36-07	20.5	32.56	11.13	226	E6-T-36-07	E7-45TSA-36-04	20.88	31.88	11.63	236	E7-T-36-04
42	E6-45TSA-42-07	21.94	37.38	11.13	249	E6-T-42-07	E7-45TSA-42-04	22.25	36.69	11.63	258	E7-T-42-04
48	E6-45TSA-48-07	23.88	44.06	11.13	289	E6-T-48-07	E7-45TSA-48-04	24.25	43.31	11.63	304	E7-T-48-04
54	E6-45TSA-54-07	25.31	48.88	11.13	323	E6-T-54-07	E7-45TSA-54-04	25.63	48.13	11.63	329	E7-T-54-04
60	E6-45TSA-60-07	26.69	53.69	11.13	338	E6-T-60-07	E7-45TSA-60-04	27.06	52.94	11.63	356	E7-T-60-04
66	E6-45TSA-66-07	29.25	58.56	12.25	364	E6-T-66-07	E7-45TSA-66-04	29.56	57.81	12.75	387	E7-T-66-04
72	E6-45TSA-72-07	30.63	63.38	12.25	402	E6-T-72-07	E7-45TSA-72-04	31	62.63	12.75	441	E7-T-72-04
84	E6-45TSA-84-07	33.44	73	12.25	422	E6-T-84-07	E7-45TSA-84-04	33.81	72.31	12.75	484	E7-T-84-04
96	E6-45TSA-96-07	36.31	82.63	12.25	522	E6-T-96-07	E7-45TSA-96-04	36.63	81.94	12.75	546	E7-T-96-04

Belt Width	Standard Dimensions			Wide Base	
	A	C	G	Aw*	Cw*
36	45	50.5	40	51	56.5
42	51	56.5	46	57	62.5
48	57	62.5	52	63	68.5
54	63	68.5	58	69	74.5
60	69	74.5	64	75	80.5
66	75	80.5	70	81	86.5
72	81	86.5	76	87	92.5
84	93	98.5	88	99	104.5
96	105	110.5	100	111	116.5

*Dimension not shown; for wide base.

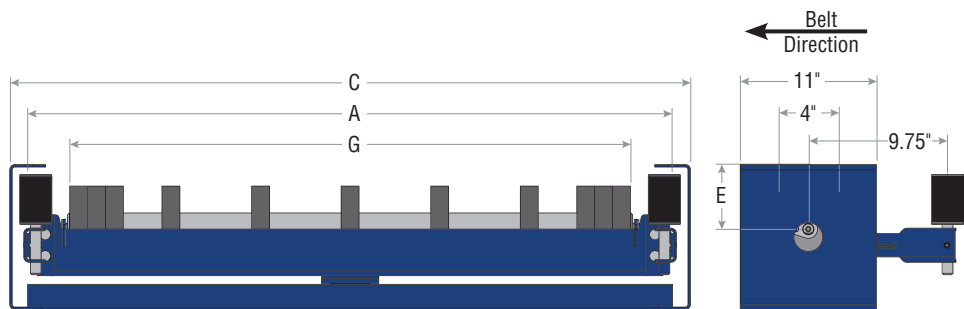


Return Self-Aligners (E = 7")

Belt Width	6" Roll Diameter			7" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
36	E6-RSA7-36-07	239	E6-R-36-07	E7-RSA7-36-04	244	E7-R-36-04
42	E6-RSA7-42-07	253	E6-R-42-07	E7-RSA7-42-04	259	E7-R-42-04
48	E6-RSA7-48-07	269	E6-R-48-07	E7-RSA7-48-04	277	E7-R-48-04
54	E6-RSA7-54-07	283	E6-R-54-07	E7-RSA7-54-04	291	E7-R-54-04
60	E6-RSA7-60-07	300	E6-R-60-07	E7-RSA7-60-04	309	E7-R-60-04
66	E6-RSA7-66-07	320	E6-R-66-07	E7-RSA7-66-04	336	E7-R-66-04
72	E6-RSA7-72-07	324	E6-R-72-07	E7-RSA7-72-04	369	E7-R-72-04
84	E6-RSA7-84-07	355	E6-R-84-07	E7-RSA7-84-04	398	E7-R-84-04
96	E6-RSA7-96-07	382	E6-R-96-07	E7-RSA7-96-04	404	E7-R-96-04

Belt Width	Standard Dimensions			Wide Base	
	A	C	G	Aw*	Cw*
36	45	50.5	40	51	56.5
42	51	56.5	46	57	62.5
48	57	62.5	52	63	68.5
54	63	68.5	58	69	74.5
60	69	74.5	64	75	80.5
66	75	80.5	70	81	86.5
72	81	86.5	76	87	92.5
84	93	98.5	88	99	104.5
96	105	110.5	100	111	116.5

*Dimension not shown; for wide base.

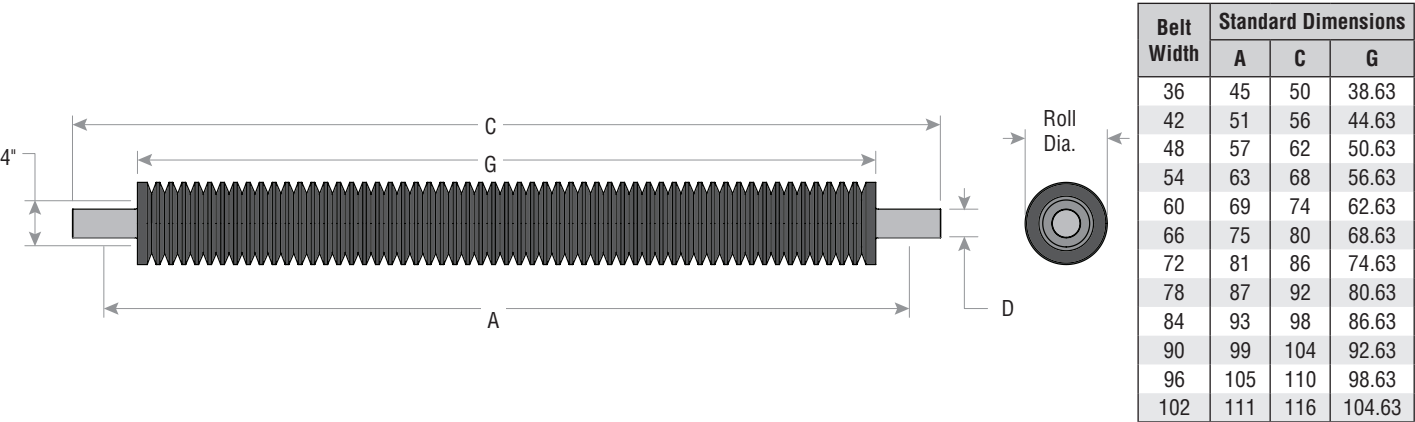


Return Rubber Disc Self-Aligners (E = 7")

Belt Width	6" Roll Diameter			7" Roll Diameter		
	Part Number	Wt.	Replacement Roll	Part Number	Wt.	Replacement Roll
36	E6-RRDSA7-36	271	E6-RRD-36	E7-RRDSA7-36	275	E7-RRD-36
42	E6-RRDSA7-42	292	E6-RRD-42	E7-RRDSA7-42	294	E7-RRD-42
48	E6-RRDSA7-48	312	E6-RRD-48	E7-RRDSA7-48	318	E7-RRD-48
54	E6-RRDSA7-54	332	E6-RRD-54	E7-RRDSA7-54	348	E7-RRD-54
60	E6-RRDSA7-60	353	E6-RRD-60	E7-RRDSA7-60	368	E7-RRD-60
66	E6-RRDSA7-66	378	E6-RRD-66	E7-RRDSA7-66	390	E7-RRD-66
72	E6-RRDSA7-72	388	E6-RRD-72	E7-RRDSA7-72	405	E7-RRD-72
84	E6-RRDSA7-84	430	E6-RRD-84	E7-RRDSA7-84	432	E7-RRD-84
96	E6-RRDSA7-96	466	E6-RRD-96	E7-RRDSA7-96	471	E7-RRD-96

CEMA E

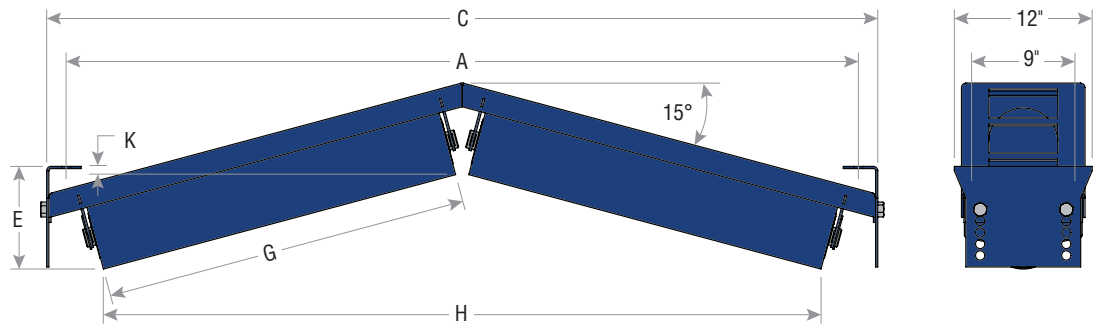
Live Shaft Flat Impact Carriers



Live Shaft Flat Impact Carriers

Belt Width	6" Roll Diameter		7" Roll Diameter	
	Part Number	Wt.	Part Number	Wt.
	D = 2.44"		D = 2.44"	
36	E6-LI39-36	207	E7-LI39-36	210
42	E6-LI39-42	233	E7-LI39-42	235
48	E6-LI39-48	258	E7-LI39-48	262
54	E6-LI39-54	283	E7-LI39-54	286
60	E6-LI39-60	309	E7-LI39-60	323
66	E6-LI39-66	333	E7-LI39-66	337
72	E6-LI39-72	358	E7-LI39-72	363
78	E6-LI39-78	384	E7-LI39-78	389
84	E6-LI39-84	409	E7-LI39-84	414
90	E6-LI39-90	434	E7-LI39-90	439
96	E6-LI39-96	459	E7-LI39-96	465
102	E6-LI39-102	485	E7-LI39-102	492

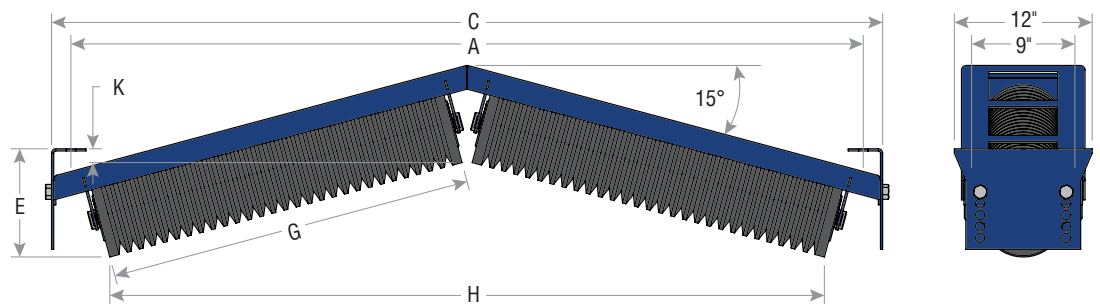
Belt Width	Standard Dimensions		
	A	C	G
36	45	48.25	19.75
42	51	54.25	21.75
48	57	60.25	25.75
54	63	66.25	28.75
60	69	72.25	31.75
66	75	78.25	34.75
72	81	84.25	37.25
84	93	96.25	43.75
96	105	108.25	49.75
102	111	114.25	52.75



Inverted V>Returns

Belt Width	6" Roll Diameter						7" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
36	E6-15IV-36-07	8.56	40.25	3.44	109	E6-IV-36-07	E7-15IV-36-04	9.06	40.25	2.94	117	E7-IV-36-04
42	E6-15IV-42-07	8.31	44.13	2.69	117	E6-IV-42-07	E7-15IV-42-04	8.81	44.13	2.19	125	E7-IV-42-04
48	E6-15IV-48-07	8.56	51.88	1.88	130	E6-IV-48-07	E7-15IV-48-04	9.06	51.88	1.38	139	E7-IV-48-04
54	E6-15IV-54-07	8.31	56.25	1.06	143	E6-IV-54-07	E7-15IV-54-04	8.81	56.25	0.56	153	E7-IV-54-04
60	E6-15IV-60-07	8.5	63.44	0.25	151	E6-IV-60-07	E7-15IV-60-04	9	63.44	-0.19	162	E7-IV-60-04
66	E6-15IV-66-07	8.56	70.63	-0.48	158	E6-IV-66-07	E7-15IV-66-04	9.06	70.63	-0.94	170	E7-IV-66-04
72	E6-15IV-72-07	8.56	77.81	-1.19	169	E6-IV-72-07	E7-15IV-72-04	9.06	77.81	-1.69	182	E7-IV-72-04
84	E6-15IV-84-07	8.56	92.19	-2.69	190	E6-IV-84-07	E7-15IV-84-04	9.06	92.19	-2.69	204	E7-IV-84-04
96	E6-15IV-96-07	8.56	106.56	-4.19	210	E6-IV-96-07	E7-15IV-96-04	9.06	106.56	-4.19	227	E7-IV-96-04
102	E6-15IV-102-07	8.56	113.75	-4.94	223	E6-IV-102-07	E7-15IV-102-04	9.06	113.75	-4.94	241	E7-IV-102-04

Belt Width	Standard Dimensions		
	A	C	G
36	45	48.25	19.75
42	51	54.25	21.75
48	57	60.25	25.75
54	63	66.25	28.75
60	69	72.25	31.75
66	75	78.25	34.75
72	81	84.25	37.25
84	93	96.25	43.75
96	105	108.25	49.75
102	111	114.25	52.75



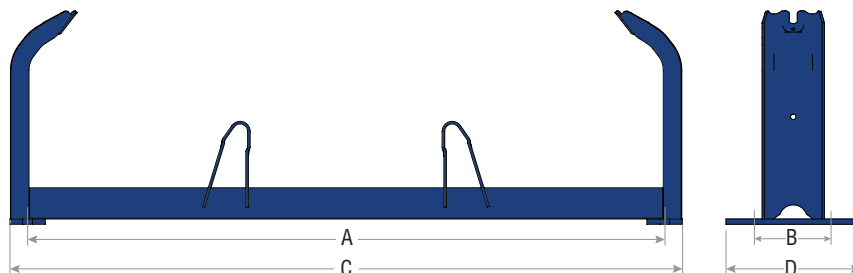
Inverted Rubber Disc V>Returns

Belt Width	6" Roll Diameter						7" Roll Diameter					
	Part Number	E	H	K	Wt.	Replacement Roll	Part Number	E	H	K	Wt.	Replacement Roll
36	E6-15IVRD-36	8.56	40.25	3.44	109	E6-IVRD-36	E7-15IVRD-36	9.06	40.25	2.94	117	E7-IVRD-36
42	E6-15IVRD-42	8.31	44.13	2.69	121	E6-IVRD-42	E7-15IVRD-42	8.81	44.13	2.19	131	E7-IVRD-42
48	E6-15IVRD-48	8.56	51.88	1.88	132	E6-IVRD-48	E7-15IVRD-48	9.06	51.88	1.38	143	E7-IVRD-48
54	E6-15IVRD-54	8.31	56.25	1.06	145	E6-IVRD-54	E7-15IVRD-54	8.81	56.25	0.56	157	E7-IVRD-54
60	E6-15IVRD-60	8.5	63.44	0.31	157	E6-IVRD-60	E7-15IVRD-60	9	63.44	-0.19	171	E7-IVRD-60
66	E6-15IVRD-66	8.56	70.63	0.48	169	E6-IVRD-66	E7-15IVRD-66	9.06	70.63	-0.94	184	E7-IVRD-66
72	E6-15IVRD-72	8.56	77.81	-1.19	180	E6-IVRD-72	E7-15IVRD-72	9.06	77.81	-1.69	196	E7-IVRD-72
84	E6-15IVRD-84	8.56	92.19	-2.69	205	E6-IVRD-84	E7-15IVRD-84	9.06	92.19	-2.69	224	E7-IVRD-84
96	E6-15IVRD-96	8.56	106.56	-4.19	228	E6-IVRD-96	E7-15IVRD-96	9.06	106.56	-4.19	250	E7-IVRD-96
102	E6-15IVRD-102	8.56	113.75	-4.94	245	E6-IVRD-102	E7-15IVRD-102	9.06	113.75	-4.94	266	E7-IVRD-102

Equal Trougher Frames

CEMA C/D

Martin



20° Equal Trougher Frame

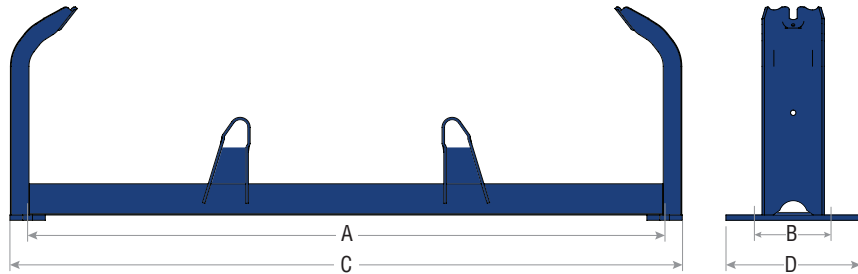
Belt Width	Standard Dimensions					
	Part Number	A	B	C	D	Wt.
18	C-20T-18	27	5.5	29.5	8	19
20	C-20T-20	29	5.5	31.5	8	20
24	C/D-20T-24	33	5.5	35.5	8	21
30	C/D-20T-30	39	5.5	41.5	9.5	25
36	C/D-20T-36	45	5.5	47.5	9.5	27
42	C/D-20T-42	51	5.5	53.5	9.5	38
48	C/D-20T-48	57	5.5	59.5	9.5	41
54	C-20T-54	63	7	65.5	11	46
60	C-20T-60	69	7	71.5	11	49
54	D-20T-54	63	7	65.5	11	50
60	D-20T-60	69	7	71.5	11	54
72	D-20T-72	81	7	83.5	11	61

35° Equal Trougher Frame

Belt Width	Standard Dimensions					
	Part Number	A	B	C	D	Wt.
18	C-35T-18	27	5.5	29.5	8	20
20	C-35T-20	29	5.5	31.5	8	21
24	C/D-35T-24	33	5.5	35.5	8	23
30	C/D-35T-30	39	5.5	41.5	9.5	27
36	C/D-35T-36	45	5.5	47.5	9.5	30
42	C/D-35T-42	51	5.5	53.5	9.5	41
48	C/D-35T-48	57	5.5	59.5	9.5	45
54	C-35T-54	63	7	65.5	11	49
60	C-35T-60	69	7	71.5	11	53
54	D-35T-54	63	7	65.5	11	54
60	D-35T-60	69	7	71.5	11	58
72	D-35T-72	81	7	83.5	11	66

45° Equal Trougher Frame

Belt Width	Standard Dimensions					
	Part Number	A	B	C	D	Wt.
18	C-45T-18	27	5.5	29.5	8	22
20	C-45T-20	29	5.5	31.5	8	23
24	C/D-45T-24	33	5.5	35.5	8	25
30	C/D-45T-30	39	5.5	41.5	9.5	29
36	C/D-45T-36	45	5.5	47.5	9.5	32
42	C/D-45T-42	51	5.5	53.5	9.5	44
48	C/D-45T-48	57	5.5	59.5	9.5	48
54	C-45T-54	63	7	65.5	11	52
60	C-45T-60	69	7	71.5	11	56
54	D-45T-54	63	7	65.5	11	57
60	D-45T-60	69	7	71.5	11	61
72	D-45T-72	81	7	83.5	11	70



20° Equal Impact Trougher Frame

Belt Width	Standard Dimensions					
	Part Number	A	B	C	D	Wt.
18	C-20TI-18	27	5.5	29.5	8	23
20	C-20TI-20	29	5.5	31.5	8	25
24	C/D-20TI-24	33	5.5	35.5	8	27
30	C/D-20TI-30	39	5.5	41.5	9.5	32
36	C/D-20TI-36	45	5.5	47.5	9.5	35
42	C/D-20TI-42	51	5.5	53.5	9.5	48
48	C/D-20TI-48	57	5.5	59.5	9.5	53
54	C-20TI-54	63	7	65.5	11	58
60	C-20TI-60	69	7	71.5	11	63
54	D-20TI-54	63	7	65.5	11	65
60	D-20TI-60	69	7	71.5	11	70
72	D-20TI-72	81	7	83.5	11	80

35° Equal Impact Trougher Frame

Belt Width	Standard Dimensions					
	Part Number	A	B	C	D	Wt.
18	C-35TI-18	27	5.5	29.5	8	25
20	C-35TI-20	29	5.5	31.5	8	27
24	C/D-35TI-24	33	5.5	35.5	8	29
30	C/D-35TI-30	39	5.5	41.5	9.5	34
36	C/D-35TI-36	45	5.5	47.5	9.5	38
42	C/D-35TI-42	51	5.5	53.5	9.5	52
48	C/D-35TI-48	57	5.5	59.5	9.5	56
54	C-35TI-54	63	7	65.5	11	62
60	C-35TI-60	69	7	71.5	11	67
54	D-35TI-54	63	7	65.5	11	68
60	D-35TI-60	69	7	71.5	11	74
72	D-35TI-72	81	7	83.5	11	85

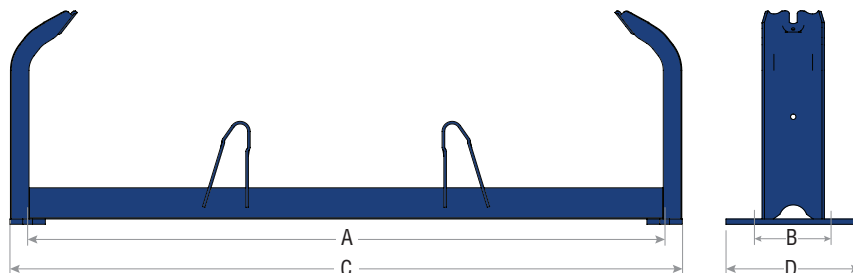
45° Equal Impact Trougher Frame

Belt Width	Standard Dimensions					
	Part Number	A	B	C	D	Wt.
18	C-45TI-18	27	5.5	29.5	8	27
20	C-45TI-20	29	5.5	31.5	8	29
24	C/D-45TI-24	33	5.5	35.5	8	31
30	C/D-45TI-30	39	5.5	41.5	9.5	36
36	C/D-45TI-36	45	5.5	47.5	9.5	40
42	C/D-45TI-42	51	5.5	53.5	9.5	54
48	C/D-45TI-48	57	5.5	59.5	9.5	59
54	C-45TI-54	63	7	65.5	11	65
60	C-45TI-60	69	7	71.5	11	70
54	D-45TI-54	63	7	65.5	11	72
60	D-45TI-60	69	7	71.5	11	78
72	D-45TI-72	81	7	83.5	11	89

Equal Trougher Frames

CEMA E

Martin



20° Equal Trougher Frame

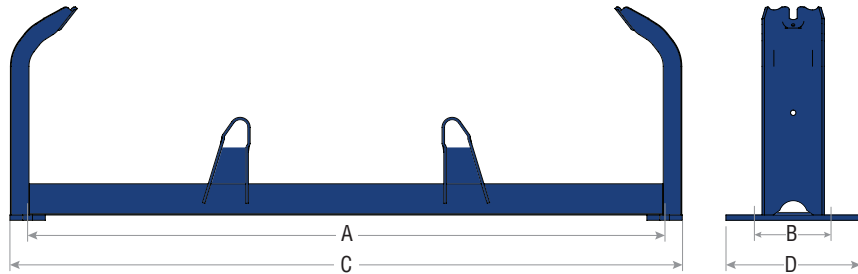
Belt Width	Standard Dimensions					
	Part Number	A	B	C	D	Wt.
36	E-20T-36	45	7.5	47.5	12	60
42	E-20T-42	51	7.5	53.5	12	65
48	E-20T-48	57	7.5	59.5	12	69
54	E-20T-54	63	7.5	65.5	12	75
60	E-20T-60	69	7.5	71.5	12	81
66	E-20T-66	75	7.5	77.5	12	95
72	E-20T-72	81	7.5	83.5	12	109
84	E-20T-84	93	9	95.5	14.5	126
96	E-20T-96	105	9	107.5	14.5	140

35° Equal Trougher Frame

Belt Width	Standard Dimensions					
	Part Number	A	B	C	D	Wt.
36	E-35T-36	45	7.5	47.5	12	63
42	E-35T-42	51	7.5	53.5	12	69
48	E-35T-48	57	7.5	59.5	12	74
54	E-35T-54	63	7.5	65.5	12	80
60	E-35T-60	69	7.5	71.5	12	86
66	E-35T-66	75	7.5	77.5	12	101
72	E-35T-72	81	7.5	83.5	12	115
84	E-35T-84	93	9	95.5	14.5	133
96	E-35T-96	105	9	107.5	14.5	147

45° Equal Trougher Frame

Belt Width	Standard Dimensions					
	Part Number	A	B	C	D	Wt.
36	E-45T-36	45	7.5	47.5	12	66
42	E-45T-42	51	7.5	53.5	12	73
48	E-45T-48	57	7.5	59.5	12	79
54	E-45T-54	63	7.5	65.5	12	85
60	E-45T-60	69	7.5	71.5	12	91
66	E-45T-66	75	7.5	77.5	12	106
72	E-45T-72	81	7.5	83.5	12	121
84	E-45T-84	93	9	95.5	14.5	140
96	E-45T-96	105	9	107.5	14.5	154



20° Equal Impact Trougher Frame

Belt Width	Standard Dimensions					
	Part Number	A	B	C	D	Wt.
36	E-20TI-36	45	7.5	47.5	12	68
42	E-20TI-42	51	7.5	53.5	12	77
48	E-20TI-48	57	7.5	59.5	12	83
54	E-20TI-54	63	7.5	65.5	12	89
60	E-20TI-60	69	7.5	71.5	12	96
66	E-20TI-66	75	7.5	77.5	12	116
72	E-20TI-72	81	7.5	83.5	12	135
84	E-20TI-84	93	9	95.5	14.5	154
96	E-20TI-96	105	9	107.5	14.5	173

35° Equal Impact Trougher Frame

Belt Width	Standard Dimensions					
	Part Number	A	B	C	D	Wt.
36	E-35TI-36	45	7.5	47.5	12	75
42	E-35TI-42	51	7.5	53.5	12	83
48	E-35TI-48	57	7.5	59.5	12	90
54	E-35TI-54	63	7.5	65.5	12	97
60	E-35TI-60	69	7.5	71.5	12	104
66	E-35TI-66	75	7.5	77.5	12	124
72	E-35TI-72	81	7.5	83.5	12	143
84	E-35TI-84	93	9	95.5	14.5	164
96	E-35TI-96	105	9	107.5	14.5	183

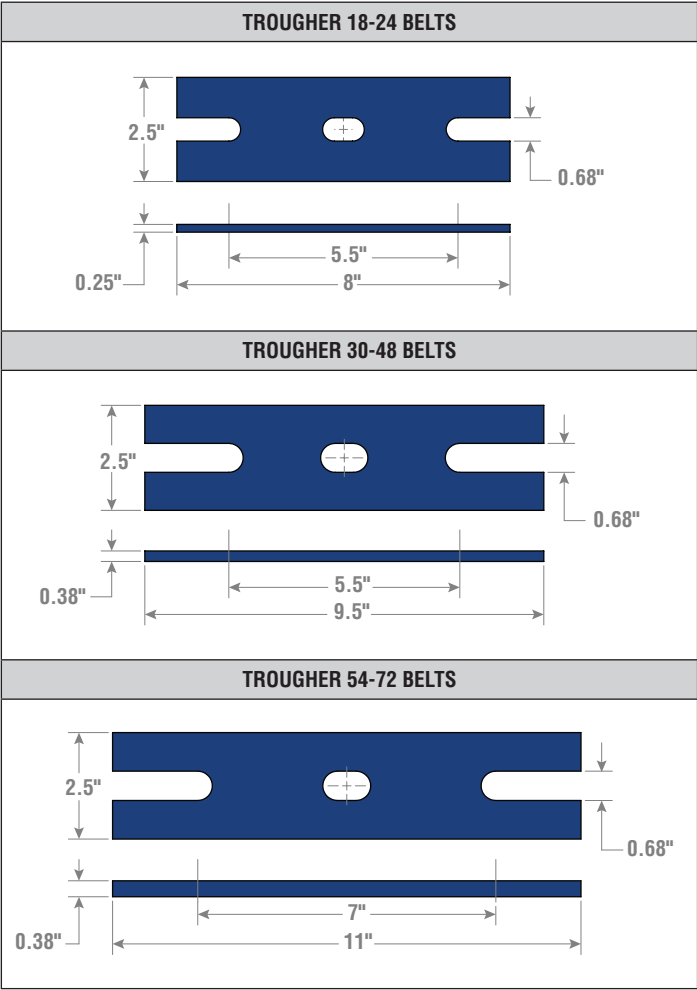
45° Equal Impact Trougher Frame

Belt Width	Standard Dimensions					
	Part Number	A	B	C	D	Wt.
36	E-45TI-36	45	7.5	47.5	12	82
42	E-45TI-42	51	7.5	53.5	12	89
48	E-45TI-48	57	7.5	59.5	12	97
54	E-45TI-54	63	7.5	65.5	12	105
60	E-45TI-60	69	7.5	71.5	12	112
66	E-45TI-66	75	7.5	77.5	12	132
72	E-45TI-72	81	7.5	83.5	12	151
84	E-45TI-84	93	9	95.5	14.5	174
96	E-45TI-96	105	9	107.5	14.5	193

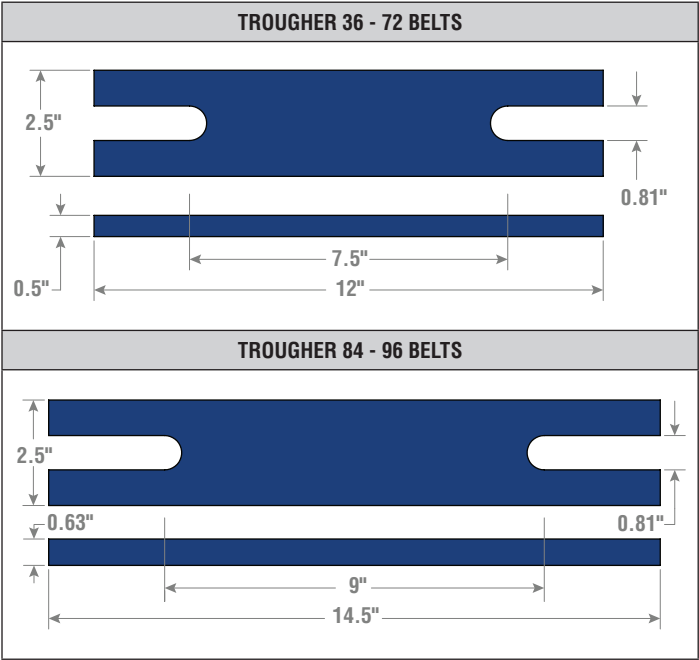
Footpads



Footpads for CEMA C & D

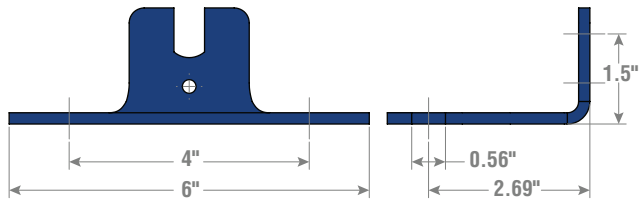


Footpads for CEMA E

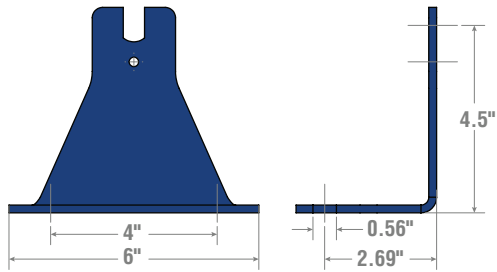


Rise & Drop Brackets for CEMA C & D

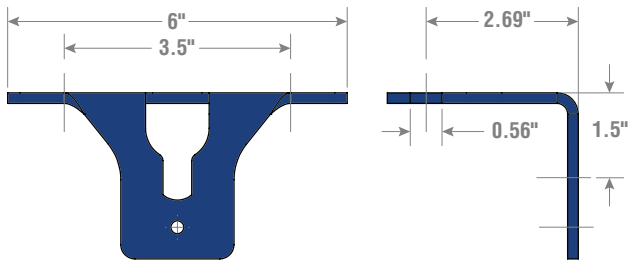
1.5" RISE BRACKETS: C/D-F-1



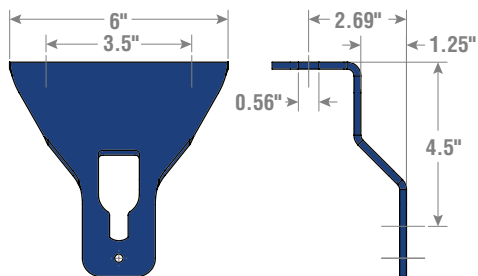
4.5" RISE BRACKET: C/D-F-4



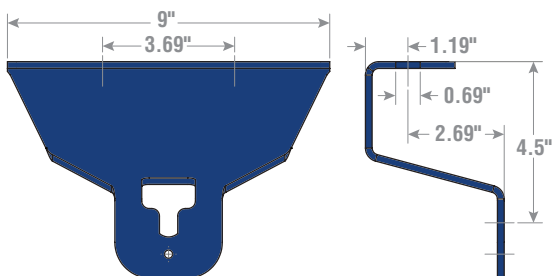
1.5" DROP BRACKET: C/D-R-1



4.5" DROP BRACKET: C/D-R-4

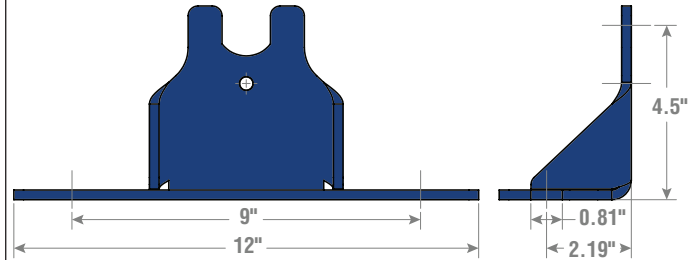


4.5" BELT SAVER DROP BRACKET: C/D-R-4S

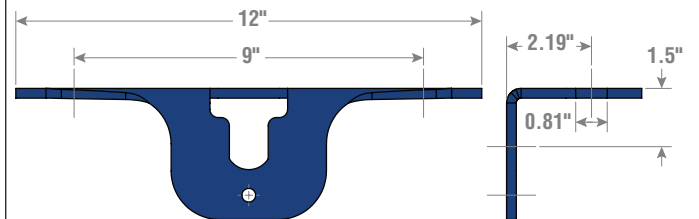


Rise & Drop Brackets for CEMA E

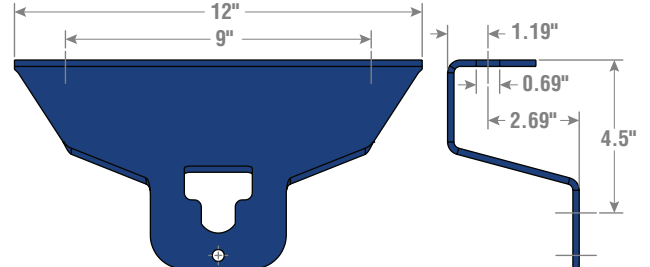
4.5" RISE BRACKET: E-F-4



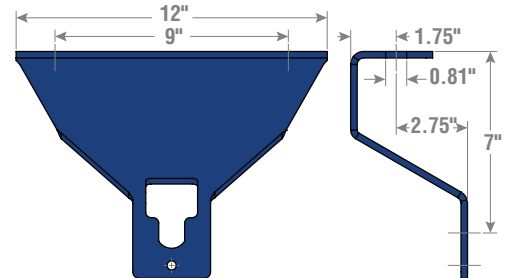
1.5" DROP BRACKET: E-R-1



4.5" BELT SAVER DROP BRACKET: E-R-4S



7" BELT SAVER DROP BRACKET: E-R-7S



Drop-In Rolls

Martin

Martin manufactures Drop-In Rolls that fit all other manufacturer's slot end rolls and Hex Nut Drop-In Rolls for selective manufacturers.

Drop-In Roll Part Number

C5 - T - 36 FN - 09

CEMA Class & Diameter

C, D, or E CEMA Class
4, 5, 6, or 7 Diameter (Inches)

Roll Type

T Trougher Equal
TI Trougher Equal Impact
CT Channel Inset Trougher
CTI Channel Inset Trougher Impact
F Flat Carrier
FRD Flat Rubber Disc Carrier
R Return
RRD Return Rubber Disc
V V-Return
VRD V-Return Rubber Disc
LI Live Shaft Impact
LRRD Live Shaft Return Rubber Disc
LR Live Shaft Return (Steel)

Belt Width in Inches

Wall Thickness Gauge

09, 07, 04

Manufacturer Code

Slot End:

SS Superior Slot End
CS Continental/Joy Slot End
CCS Continental Canada Slot End
SAS Stephens Adamson/Metso Slot End
FS FMC/Syntron Slot End
LS Luff Slot End
RS Rexnord Slot End
GS Goodman Slot End
PS Prok Slot End
DS Douglas Slot End
VS Van Gorp Slot End
JS Jeffrey Slot End

Hex Nut End:

SN Superior Hex Nut
CN Continental/Joy Hex Nut
SAN Stephens Adamson/Metso Hex Nut
FN FMC/Syntron Hex Nut
RN Rexnord Hex End
GN Goodman Hex Nut



Scale Quality Idlers

Replace manufacturer code with “SQ” for Scale Quality Idler Part number. For Example C5-35T-36SQ-09.

Scale Quality Rolls

Replace manufacturer code with “SQ” for Scale Quality Roll Part number. For Example C5-T-36SQ-09.

Martin Scale Quality Idlers

Martin offers Scale Quality Idlers as part of our product line.

Martin Scale Quality Idlers are available for CEMA C, D, and E for all different belt widths.

CEMA Standard Scale Quality Rolls

- *Martin* SQ Rolls have a TIR (Total Indicator Runout) within .015"
- Roll Axis is +/- .031" from perpendicular through center of base
- Wing Brackets are perpendicular within 1°
- Center Roll height is +0, -.125"
- Troughing angles are within 1°



Made-To-Order Roller Data Sheet

Martin

Date: _____ By: _____

Company Name: _____

Contact: _____

Idler ID: _____ Project: _____

1. Choose your roll and fill out all the required information for it:

Quantity: _____

Roll Length: _____

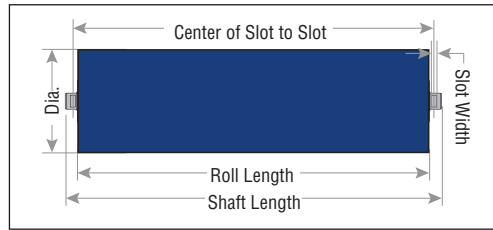
Roll Diameter: _____

Shaft Length: _____

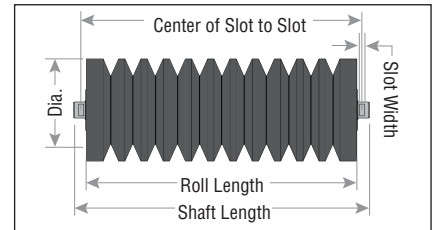
CEMA Series: _____

Shaft Diameter: _____

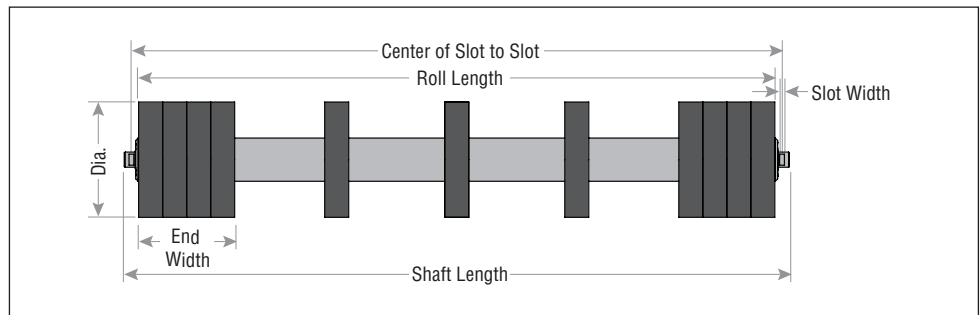
Manufacturer: _____



☐ Steel Roll

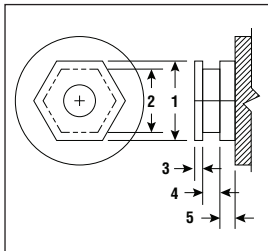


☐ Impact Roll



☐ Rubber Roll

2. Choose your style and fill out all the required information for it:



☐ Style A

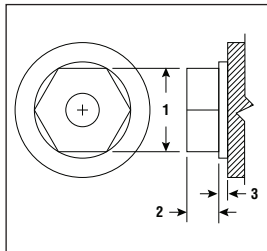
1. _____

2. _____

3. _____

4. _____

5. _____

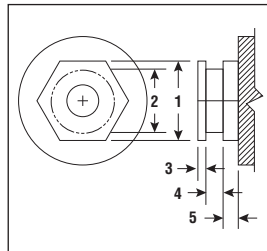


☐ Style B

1. _____

2. _____

3. _____



☐ Style C

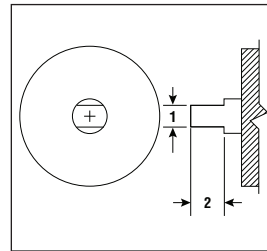
1. _____

2. _____

3. _____

4. _____

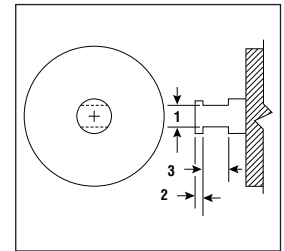
5. _____



☐ Style D

1. _____

2. _____



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TERMS & CONDITIONS OF SALE

These **Terms and Conditions of Sale**, along with Seller's **Standard Limited Warranty**, the contents of Seller's written acknowledgment, if any, to a purchase order or any other writing submitted by Purchaser to Seller; Seller's written proposal, if any, submitted by Seller to Purchaser; and the contents of any invoice submitted by Seller to Purchaser shall establish the commercial terms of the contract (the "Order") under which Martin Sprocket & Gear, Inc. ("Seller") agrees to sell parts and equipment ("Products") to the purchaser (the "Purchaser") and Purchaser agrees to purchase Products from Seller.

- 1. AGREEMENT:** Notwithstanding any additional, differing, or conflicting terms in a purchase order or any other writing submitted by Purchaser to Seller, the terms of the Order shall constitute the entire agreement between Seller and Purchaser. Writings transmitted from Purchaser to Seller, such as a purchase order, that contain additional, conflicting, or differing terms from the Order shall not apply or in any way modify or alter the terms and conditions of the Order. Furthermore, writings with terms and/or conditions different from, or in addition to, the terms and conditions appearing in the Order, including any additional or differing terms and conditions contained in any purchase order submitted by the Purchaser, are expressly rejected. Purchaser's submission to Seller of an offer to purchase Products or Purchaser's acceptance of Seller's offer to sell Products, by whatever means, constitutes Purchaser's agreement that the Order contains the entire agreement between Purchaser and Seller. Purchaser's acceptance of the Order is expressly limited to the terms and conditions of the Order. Purchaser understands and acknowledges that the price Seller quoted for the Products is based upon Purchaser's acceptance of the terms and conditions of the Order and that the price for the Products would be different if other terms and conditions of sale were to apply.
- 2. ACCEPTANCE:** If Seller is making an offer to sell Products, Purchaser may accept Seller's offer only on the terms and conditions set forth in the Order. If the Purchaser is making an offer to purchase Products from Seller, Seller's acceptance of Purchaser's offer is expressly conditioned on Purchaser's assent to the terms and conditions of the Order, and any commencement of performance by Purchaser shall be deemed to constitute such assent. Any additional and/or different terms and conditions proposed by Purchaser and/or any attempt by Purchaser to vary any of the terms and conditions of the Order shall be deemed a material alteration and is hereby objected to and rejected. Seller's shipment of any Products in response to a writing that attempts to vary any of the terms and conditions of the Order or Seller's acceptance of any payment by Purchaser shall not be deemed to constitute such assent to any additional and/or different terms and conditions proposed by Purchaser.
- 3. RISK OF LOSS:** Unless a specific term of the Order provides otherwise, all shipments shall be shipped F.O.B. Seller's facility and risk of loss as to such Products shall pass and remain with Purchaser once Products depart Seller's facility.
- 4. SPECIFICATIONS:** Seller shall furnish all stock Products as specified in the Order. Made-To-Order Products shall be furnished in accordance with the specifications, details, requirements and/or drawings supplied by Purchaser, or prepared by Seller at Purchaser's direction. Any drawings, specifications, and calculations submitted by Seller to Purchaser shall be reviewed and approved by Purchaser. Seller warrants that all Products covered by the Order will conform to the specifications, drawings, samples or other descriptions furnished to Seller or adopted by the Purchaser. If it is determined that the Products delivered under the Order fail to meet the specifications, then Purchaser will contact Seller and Seller shall make corrections in accordance with Seller's Limited Warranty.
- 5. LIMITED WARRANTY:** Seller's Standard Limited Warranty is attached hereto and incorporated herein for all purposes.
- 6. PRICING, PACKAGING, DELIVERY AND PAYMENT:** All Products shall be sold on the terms, conditions and at the price quoted in the Order. All terms of pricing, packaging, shipment, delivery and payment are included in the Order.
- 7. INSPECTION:** Purchaser shall have reasonable time after delivery to inspect the Products covered by the Order. Purchaser shall accept or reject the Products promptly after inspection. Payment by Purchaser prior to its inspection will not constitute acceptance of items covered by the Order.
- 8. INDEMNIFICATION:**
 - 8.1** Seller agrees to indemnify and hold harmless the Purchaser, its successors and assigns against any and all liabilities, loss and expense (including attorney's fees) arising out of a third party product liability claim that results in a judicially determined, final, and non-appealable order finding that the Products were defective provided that no indemnification shall be provided for any loss (or any portion of any loss) determined to have resulted from the acts or omissions of the party seeking indemnification. Seller agrees to carry adequate product liability insurance to support this obligation and agrees to provide certificate(s) of insurance showing such coverage, as requested by Purchaser.
 - 8.2** Notwithstanding any of the other provisions in this Section 8., Seller's obligation to indemnify the Purchaser is limited to the extent of Seller's product liability insurance and the coverages and exclusions provided for thereunder. In the event Seller's product liability insurance will not cover any of the claims described in Section 8.1., then Seller shall have no obligation to indemnify Purchaser. Seller's obligation to pay any judgment, award, or settlement is likewise limited by the product liability insurance coverage amounts and policy limits provided for under Seller's liability insurance policies. Seller's obligation to indemnify Purchaser shall not apply to any Product which Purchaser (or Purchaser's employees, contractors, customers, or assigns) have altered, tampered with, misused or neglected, or for which Seller's operating instructions and warnings have been ignored or removed or to the extent of the negligence or legal fault of any party other than Seller. Indemnification provided herein is conditioned upon Purchaser providing Seller prompt notice of any claim and allowing Seller, or its insurance company, control over the defense and/or settlement of any such claim.
 - 8.3** Seller shall defend any suit or proceeding brought against Purchaser to the extent such suit or proceeding is based on a claim that any Product or part thereof (not developed, proposed or specifically mandated by Purchaser), constitutes an infringement of any patent. In the event that the sale or use of such Product, or any part thereof, is enjoined, Seller shall, at its own expense and its option, either: (a) procure for Purchaser, the right to continue using said Product; (b) replace same with a non-infringing Product; or (c) modify same so that it becomes non-infringing.
 - 8.4** The obligations of Seller with respect to indemnification for third party product liability claims and patent infringement are solely and exclusively as stated herein. **THE INDEMNITY OBLIGATIONS RECITED ABOVE ARE IN LIEU OF ALL OTHER INDEMNITIES WHATSOEVER, WHETHER ORAL, WRITTEN, EXPRESS, OR IMPLIED.**
- 9. TERMINATION:**
 - 9.1 Termination for Convenience:** Purchaser, by written notice, shall have the right to terminate the Order, in whole or in part, at any time for its convenience. Upon receipt of written notice, Seller and any subcontractors and suppliers shall immediately cease all work with respect to the Products. Within thirty (30) days of Seller's receipt of any termination notice, Seller shall submit its claim for its costs of performance to the date of termination. The termination charges shall consist of a percentage of the contract price of the Products reflecting the

percentage of the work performed prior to the date of termination, plus any additional direct costs reasonably incurred as a result of the termination. Percentage of work performed and other charges must be verifiable by Purchaser. Upon payment of the termination charges, title to all Products for which Seller has been paid shall be vested in Purchaser.

- 9.2 Termination for Default:** The Purchaser may terminate the whole or any part of the Seller's performance under the Order in any one of the following circumstances: (1) if the Seller fails to make delivery of the Products or to perform within the time specified herein or any extension thereof; (2) if the Seller delivers Products which do not conform to the specifications; or (3) if the Seller fails to perform any of the other provisions of the Order in accordance with its terms or so fails to make progress as to endanger performance hereunder. In the event of any such failure, Purchaser will provide Seller with written notice of the nature of the failure and Purchaser's intention to terminate for default. Such notice shall provide Seller a commercially reasonable opportunity to cure such failure. In the event Seller does not cure such failure within a commercially reasonable time of such notice, Purchaser may provide Seller with a written Notice of Termination for Default. In the event the Purchaser terminates the Order for default, as provided in this clause, the Purchaser's exclusive remedy for such default is to (i) receive a refund of the price actually paid to Seller upon the return of the Products to Seller's facility from which the Products were originally shipped or (ii) accept the Product as delivered with a mutually agreed to adjustment to the price.

10. CONFIDENTIAL INFORMATION:

- 10.1** In the performance of its obligations under the Order, Seller may have access to trade secrets and other confidential information, including but not limited to, drawings, data, costs, operating procedures, customers and methods of doing business, which may be owned or controlled by Purchaser and its affiliates ("Confidential Information"). If Seller does in fact have access to any of the Purchaser's Confidential Information in connection with the Order, Seller agrees that any such Confidential Information shall at all times remain the exclusive property of Purchaser and shall be used by Seller and its authorized employees, agents or subcontractors solely for the purpose of performing its obligations hereunder. Seller agrees to keep such Confidential Information in confidence and not to copy or permit others to copy the Confidential Information or disclose the same to unauthorized persons for a period of three (3) years, or for any trade secret for the period of time during which such item is considered a trade secret under applicable law.
- 10.2** If Seller is required to disclose the Confidential Information pursuant to any legal proceeding, Seller shall notify Purchaser in writing and allow Purchaser to seek appropriate judicial relief.
- 10.3** Notwithstanding the foregoing, nothing herein shall limit the Seller's right to disclose any information which: (1) was in or enters the public domain without fault of the Seller; (2) is received by Seller from a third party without restriction or breach of any duty of confidentiality; (3) was known to Seller prior to receipt and such prior knowledge is demonstrated by competent evidence; or (4) is required to be disclosed pursuant to government process, law, order, rule or regulation.
- 11. FORCE MAJEURE:** Neither Purchaser nor Seller shall be deemed to have breached the Order as a result of delays in performance where such delays result from acts of God, fires, strikes, or occurrences, beyond the control, and without the fault, of the party seeking excuse. Any party seeking excuse under Section 11 shall promptly notify the other party in writing and take all reasonable steps to mitigate the effect of such delay on the other party. The time for performance by Seller shall be extended by a period equal to the length of any such excused delay. If any event of delay as identified in Section 11 is encountered by Seller and continues for more than ninety (90) days, the Purchaser shall have the right, but not the obligation, to terminate the Agreement for its Convenience in accordance with Section 9.1. entitled, "Termination For Convenience."
- 12. COMPLIANCE WITH LAWS:** Seller certifies that its operations are in compliance with all applicable laws, executive orders, rules and regulations relating to Equal Employment Opportunity.
- 13. INSURANCE:** Seller shall not insure the Product's for Purchaser's account, unless otherwise indicated in the Order.
- 14. ASSIGNMENT:** The Order may not be assigned by either party without the written consent of the other party.
- 15. GOVERNING LAW:** All disputes relating to the execution, interpretation, construction, performance, or enforcement of the Order and the rights and obligations of the parties shall be governed by the laws of, and resolved in the State or Federal courts in, the State of Texas. Purchaser hereby consents to and waives any objection to venue and jurisdiction in such courts.
- 16. CUMULATIVE REMEDIES: SELLER SHALL IN NO EVENT BE LIABLE TO PURCHASER, ANY PERSON WHO SHALL PURCHASE FROM PURCHASER, OR ANY PERSON THAT USES ANY PRODUCTS SOLO PURSUANT TO THE ORDER FOR DAMAGES OF ANY KIND, INCLUDING, BUT NOT LIMITED TO, DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES OR LOSS OF PRODUCTION OR LOSS OF PROFITS RESULTING FROM ANY CAUSE WHATSOEVER, INCLUDING, BUT NOT LIMITED TO, ANY DELAY, ACT, ERROR, OR OMISSION OF SELLER, OR ANY DEFECT, FAILURE, OR MALFUNCTION OF THE PRODUCTS, AND SELLER'S SOLE LIABILITY SHALL BE TO REPAIR OR REPLACE ANY PRODUCTS COVERED BY THE ORDER F.O.B. SELLER'S FACILITY, WHETHER THE CLAIM FOR SUCH DAMAGES IS BASED UPON WARRANTY, CONTRACT, NEGLIGENCE, OR OTHERWISE.**
- 17. SEVERABILITY:** The terms and conditions of the Order are subject to all applicable laws and regulations. The unenforceability or invalidity of any provision of any of the writings that collectively constitute the Order shall not affect the validity or enforceability of the remaining provisions thereof, but such remaining provisions shall be construed and interpreted in such a manner as to carry out fully the intent of the parties.
- 18. DISPUTE RESOLUTION:** The parties agree to attempt to resolve disputes prior to submitting such disputes to determination by litigation by good-faith negotiations between knowledgeable, responsible representatives of each party who are fully authorized to settle any such dispute.
- 19. WAIVER:** Seller's failure to insist on performance of any term, condition, or instruction, or failure to exercise any right or privilege, or its waiver of any breach, shall not thereafter waive any such term, condition, instruction, right, or privilege.

LIMITED WARRANTY

Subject to the limitation expressed in subsequent paragraphs, *Martin* Sprocket & Gear, Inc. and *Martin* Sprocket & Gear Canada Inc., and *Martin* Sprocket & Gear de Mexico, S.A. de C.V., make the following warranties: We warrant that each of our products of manufacture will be free from defects in material and workmanship under normal use and service for twelve months from the date of delivery to the original user. We will correct any such defects in material or workmanship by repair or replacement of the product F.O.B. our plant. Tools will carry the following lifetime warranty: If a *Martin* tool fails to satisfactorily perform its designated use, it may be returned to the *Martin* distributor from which such tool was purchased and will be repaired or replaced without cost.

THE FOREGOING WARRANTIES ARE EXPRESSLY IN LIEU OF ANY AND ALL REPRESENTATIONS, WARRANTIES AND CONDITIONS EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WHETHER ARISING FROM STATUTE, COMMON LAW, CUSTOM, OR OTHERWISE. THE REMEDY OF REPAIR OR REPLACEMENT OF THE DEFECTIVE PRODUCT OR TOOL SET FORTH IN THE FOREGOING WARRANTIES SHALL BE THE EXCLUSIVE REMEDY AVAILABLE TO ANY PERSON.

Charges for correcting defects will not be allowed, nor can we accept goods returned to us for repair or replacement, unless we are previously notified of the defect in writing and the return or correction is authorized by us in writing. All warranty claims alleging defects of materials or workmanship must be submitted in writing within thirty days of the discovery of a defect or such claim shall be considered waived. (This paragraph is subject to the provisions of the Consumer Protection laws of Mexico.)

The foregoing warranties shall not apply to any products or tools which have been subjected to misuse, neglect or accident, or have been altered or tampered with, or have been used beyond their normal useful or expected life, or which have had corrective work done thereon without our written consent. **WE SHALL NOT BE LIABLE FOR ANY LOSS, INJURY, EXPENSE, OR DAMAGE, WHETHER DIRECT, CONSEQUENTIAL, INCIDENTAL, OR OTHERWISE, RESULTING FROM THE USE OF OUR PRODUCTS OR TOOLS OR CAUSED BY ANY DEFECT, FAILURE, OR MALFUNCTION OF ANY PRODUCT OR TOOL, WHETHER A CLAIM FOR SUCH DAMAGES IS BASED UPON WARRANTY, CONTRACT, NEGLIGENCE, OR OTHERWISE.** Equipment manufactured by others, and included in our proposal, is not warranted in any way by us but carries only the manufacturer's warranty, if any. No person has the authority to bind us to any representation or warranty other than the foregoing limited warranties as disclaimed.

Sale of *Martin* products and tools shall be governed by the laws of the State of Texas and of the United States of America. The provisions of the United Nations Convention on Contracts for the International Sale of Goods or any local statute declaring it to have the force of law in the jurisdiction of one of the parties shall not apply to products or tools supplied hereunder.

"YOU ARE HEREBY NOTIFIED THAT ANY ADDITIONAL OR DIFFERENT TERMS FROM THOSE CONTAINED IN THIS LIMITED WARRANTY ARE OBJECTIONABLE. NO ADDITIONS OR CHANGES ARE BINDING ON *Martin* UNLESS THEY ARE IN WRITING AND SIGNED BY AN AUTHORIZED OFFICER."

NOTE: All past due invoices shall be payable to *Martin* Sprocket & Gear, Inc., at P.O. Box 91588, Arlington, Tarrant County, Texas 76015-0088. All past due invoices of *Martin* Sprocket & Gear Canada Inc., shall be payable at 896 Meyerside Drive, Mississauga, Ontario, Canada L5T 1R9. All past due Invoices of *Martin* Sprocket & Gear de Mexico, S.A. de C.V., shall be payable at Km. 52 Carretera, Naucalpan-Toluca, Calle 3 Mz.7 Lt. 11, Parque Industrial, Toluca 2000, Toluca, Edo. de Mexico, C.P. 50200. Reasonable attorneys' fees will be added if collection is forced.

ADDITIONAL TERMS & CONDITIONS APPLICABLE TO ORDERS OF *Martin* STOCK PARTS

TAXES: Any sales, use, consumption, or other similar tax applicable to the sale, purchase, or use of any Product is not included in quoted price and shall be paid by the Purchaser.

RETURNED PRODUCT: When it is desired to return Product for credit or exchange, it is necessary that permission in writing first be obtained from the nearest *Martin* Sprocket & Gear sales office.

SHIPMENTS: If Seller is not able to meet Purchaser's shipment requirements and/or expected dates of shipment, Seller will not accept liability for delays beyond Seller's control, nor will Seller accept cancellations unless a settlement has been agreed upon between all parties.

FREIGHT ALLOWANCE: Freight allowances are shown on the different product discount sheets. In cases where a Purchaser's specified routing of any Order is more costly than the routing selected by Seller, the excess charges will be added to the net amount of the invoice. Weights shown in supplier's publications are approximate, and may not be used to determine qualifications for freight allowance.

CASH DISCOUNT: Unless modified in the Order or Invoice, payment shall be: A 1% cash discount will be allowed on invoices paid net 15 days. All invoices are due in 30 days. Cash discount does not apply to other charges such as freight, postage, or delivery charges.

PUBLISHED DIMENSIONAL DATA: Due to changes in engineering and manufacturing processes and procedures, it becomes necessary, from time to time, to make alterations to products. Such alterations may not be reflected in supplier's publications. Therefore, if dimensions, specifications or appearances represented by pictures or drawings or tables are critical in their applications, please consult the factory for clarification or certified drawings.

WARNING & SAFETY REMINDER

Safety must be considered a basic factor in machinery operation at all times. Most accidents are the result of carelessness or negligence. All rotating power transmission products are potentially dangerous and must be guarded by the contractor, installer, purchaser, owner, and user as required by applicable laws, regulations, standards, and good safety practice. Additional specific information must be obtained from other sources including the latest editions of American Society of Mechanical Engineers; Standard A.N.S.I. B15.1. A copy of this standard may be obtained from the American Society of Mechanical Engineers at 345 East 47th Street, New York, NY 10017 (212-705-7722).

It is the responsibility of the contractor, installer, purchaser, owner, and user to install, maintain, and operate the parts or components manufactured and supplied by *Martin* Sprocket & Gear, Inc., in such a manner as to comply with the Williams-Steiger Occupational Safety Act and with all state and local laws, ordinances, regulations, and the American National Standard Institute Safety Code.

Guards, access doors, and covers must be securely fastened before operating any equipment.

If parts are to be inspected, cleaned, observed, or general maintenance performed, **the motor driving the part or components is to be locked out electrically in such a manner that it cannot be started by anyone**, however remote from the area. Failure to follow these instructions may result in personal injury or property damage.

WARNING

NOTE: CATALOG DIMENSIONS

Every effort is made to keep all catalog dimensions and styles current in the catalog, however from time to time; it is necessary because of manufacturing changes to alter stock products dimensionally.

If any stock product dimension or style shown in this catalog is critical to your application please consult factory for certification.



USA

Corporate Offices Sales & Manufacturing

Arlington, TX
817-258-3000 (FAX 817-258-3333)

Regional Manufacturing Plants

Albemarle, NC
704-982-9555 (FAX 704-982-9599)
Atlanta, GA
404-292-8744 (FAX 404-292-7771)
Burleson, TX
817-295-7151 (FAX 817-447-3840)
Danielsville, PA
610-837-1841 (FAX 610-837-7337)
Ft. Worth, TX
817-258-3000 (FAX 817-258-3173)
Montpelier, OH
419-485-5515 (FAX 419-485-3565)
Sacramento, CA
916-441-7172 (FAX 916-441-4600)

Branch Manufacturing Plants

Boston, MA
508-634-3990 (FAX 508-634-3998)
Charlotte, NC
704-394-9111 (FAX 704-394-9122)
Chicago, IL
847-298-8844 (FAX 847-298-2967)
Denver, CO
303-371-8466 (FAX 303-371-7116)
Houston, TX
713-849-4330 (FAX 713-849-4807)
Kansas City, MO
816-231-5575 (FAX 816-231-1959)
Los Angeles, CA
323-728-8117 (FAX 323-722-7526)
Minneapolis, MN
952-829-0623 (FAX 952-944-9385)
Nashville, TN
615-871-4730 (FAX 615-871-4125)
Pittsburgh, PA
724-452-4555 (FAX 724-452-5794)
Portland, OR
503-223-7261 (FAX 503-221-0203)
Tampa, FL
813-623-1705 (FAX 813-626-8953)

Manufacturing Only

Abilene, TX • Clarksville, TX • Dallas, TX
Mansfield, TX • Paragould, AR

CANADA

Cambridge, Ontario
519-621-0546 (FAX 519-621-4413)
Edmonton, Alberta
780-450-0888 (FAX 780-465-0079)
Mississauga, Ontario
905-670-1991 (FAX 905-670-2110)

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