

Idler Types



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



Impact idlers are located at loading and transfer points. The rolls are equipped with rubber discs that cushion the impact and reduce costly belt damage. Impact Idler frames are reinforced to reduce frame flexing under load.



Equal self-aligners are used to assist with belts that may be misaligned due to environmental conditions. Equal self-aligners pivot to guide the belt back to the center of the troughing idlers. Equal Self-Aligners can be troughing, steel return or flat carrying.



Unequal idlers (picking idlers) are used due to their lower profile design. They typically consist of one longer roll in the center and two shorter inclined wing rolls. This design lays out the material and allows for easy sorting and separation. Unequal idlers are available with steel or impact rolls.



Steel channel inset 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 idlers are available in steel and reinforced impact designs.



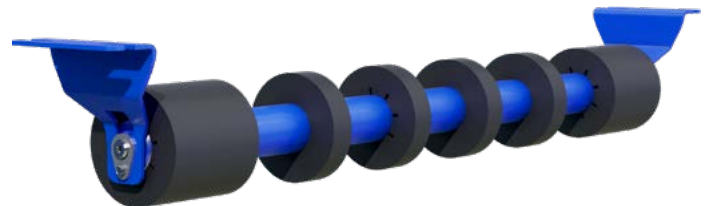
Live shaft rolls can be provided with pillow block bearings. They are typically used in feeder applications or applications with higher belt tensions not suitable for conventional flat rolls with internal bearings. Live Shaft rolls are available in impact, spaced rubber disc and steel configurations.



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



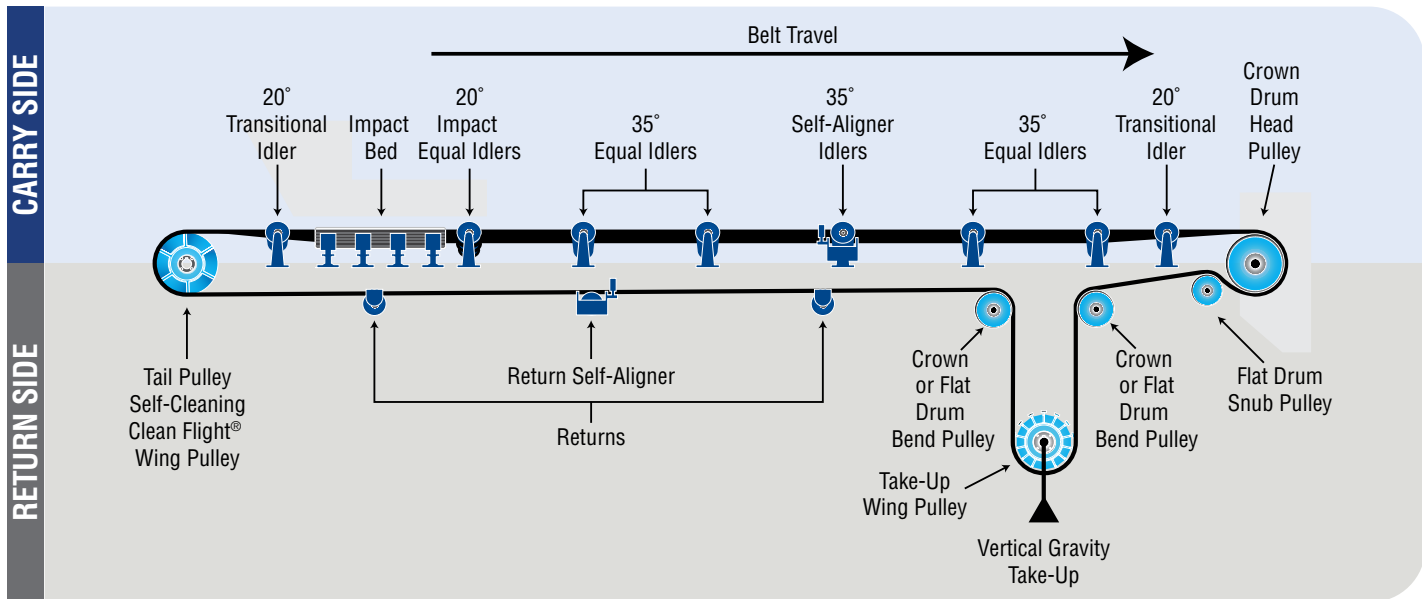
Impact beds can be used at a material transfer point in place of Impact idlers to help with material impact or conveyor sealing. Impact Beds are able to handle a much heavier impact force. The replaceable impact bars are made of rubber with a UHMW cap to reduce conveyor belt drag.



Rubber disc returns 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. Rolls 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.



CARRY SIDE

Tail Pulley. A Pulley at the tail of the belt conveyor opposite the normal discharge end; may be a Wing Pulley, Clean Flight® Wing or Drum Pulley.

Transitional Idler. Typically found on either end of the conveyor. These idlers have a smaller wing roll angle and help transition the conveyor belt to or from flat to full trough angle.

Impact Beds. Can be used at a material transfer point in place of impact idlers to help with material impact or conveyor sealing. Impact beds are able to handle a much heavier impact force. The replaceable impact bars are made of rubber with a UHMW cap to reduce conveyor belt drag.

Impact Idlers. Rubber discs help to absorb and dissipate impact forces without transferring it through the shaft, bearings, Idler frames and conveyor structure. Impact Idler frames are reinforced for added strength.

Idlers. Support the conveyor belt and provide a trough to contain the material conveyed.

Equal Self-Aligners. Also known as training idlers are a solution for a mistracking belt. If the belt contacts the guide rolls or the self-actuating shoe the top of the Idler pivots to steer the belt back into the trough.

Steel Flat Carry. Some conveyors might require the belt to run flat for various needs like picking, sorting, or inspecting.

Head Pulley. The Pulley at the discharge end of a conveyor belt; may be either a non-drive or a drive pulley. Usually it has a larger diameter than other pulleys in the system and is often lagged to increase traction and pulley life.

RETURN SIDE

Snub Pulley. Mounted close to the Drive Pulley on the return side of the belt, the Snub Pulley's primary job is to increase the angle of wrap around the Drive Pulley, thereby increasing traction. Its secondary purpose is reducing belt tension, which is important in maximizing conveyor component life. The Snub Pulley may be lagged for longer wear life.

Bend Pulley. The Bend Pulley is used for changing the direction of the belt running to the gravity take-up. It may be lagged for longer wear life.

Take-Up Pulley. A floating pulley with a counter weight to maintain adequate belt tension.

Return Idlers. Can be steel or spaced rubber discs. Typically mounted in drop brackets on the underside of the conveyor structure. The primary purpose of a Return roll is to support the empty belt on the return side of the conveyor.

Return Self-Aligner Idlers. Mounted on the return side of the belt. Supports an empty flat belt. The assembly pivots if the return side of the belt begins to mistrack guiding the belt back into the center of the Steel Return rolls.

V-Return. 2 rolls typically in a 10 degree V assembly. The V profile aids with belt tracking. Should be used on higher tension systems and when steel cord belts are used in the application.

Inverted V-Return. Mounted on the inside of the belt to aid with belt tracking on the return side into the tail pulley.

Live Shaft Rolls. Steel, spaced rubber disc or feeder impact solid rubber discs mounted on external pillow block or flange bearings. Typically used in applications with excessive impact and material load or in areas of a conveyor belt with elevated belt tensions.



Equal Steel Idler



Retractable Impact Idler



Steel Self-Aligner



Unequal Impact Idler



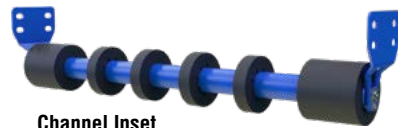
Steel Flat Carry



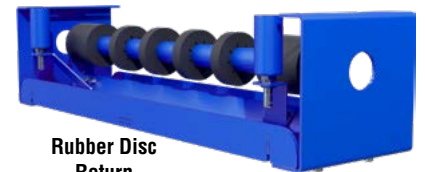
Steel Flat Carry Self-Aligner



Steel Channel Inset Idler



Channel Inset Rubber Disc Return



Rubber Disc Return Self-Aligner

CEMA Class

C, D, E

C 5 - 10 V 4 G - 36 - 09

Wall Thickness Gauge

(Only Steel Rolls) 09, 07, 04

Roll Diameter

4, 5, 6, 7

Belt Width

C 18" to 60"
D 24" to 72"
E 36" to 96"

Assembly Angle (Not for Return & Flat Carry)

10° V-Return
15° Inverted V-Return

20°, 35°, 45° Idler

Special Construction

| | |
|--------------------------------|---|
| A Grain Idler | R Removable Wing Bracket Idler |
| B Box Frame Idler | RET Retractable Idler |
| C Catenary Idler | TT Adjustable/Transitional Idler |
| G Galvanized Frame | W Wide Base Idler |
| L Urethane-Lagged Rolls | WR Wire Rope Idler |
| Q Scale Quality Idler | TO Offset Center Roll Idler |

Idler Type

Carry Side

T Equal Steel Idler
TI Equal Impact Idler
TIR Equal Impact Idler with Removable Wing Brackets
RETI Retractable Equal Impact Idler
TSA Equal Steel Self-Aligner
TSS Equal Steel Self-Aligner Shoe-Type
U Unequal Steel Idler
UI Unequal Impact Idler
CT Steel Channel Inset Idler
CTI Impact Channel Inset Idler
F Steel Flat Carry**
FRD Impact Flat Carry**
FSA Steel Flat Carry Self-Aligner
LI Impact Live Shaft Roll

Return Side

R Steel Return**
RRD Rubber Disc Return**
URD Urethane Disc Return**
RSA Steel Return Self-Aligner*
RSS Steel Return Self-Aligner Shoe-Type*
RRDSA Rubber Disc Return Self-Aligner*
CR Steel Channel Inset Return**
CRRD Rubber Disc Channel Inset Return**
V Steel V-Return*
VRD Rubber Disc V-Return*
IV Steel Inverted V-Return
IVRD Rubber Disc Inverted V-Return
LR Steel Live Shaft Roll
LRRD Rubber Disc Live Shaft Roll
USR Urethane Spiral Return

***Frame Rise/Drop for V, VRD, RSA, RRDSA**

1 1.5" Standard
4 4.5" Standard
7 7" Standard

****Bracket Rise/Drop for R, RRD, F, FRD**

Add the end of part number, examples:

C 5 - R - 36 - 09 - 4S
C 5 - FRD - 36 - 1

CEMA C Series Idler Features and Benefits

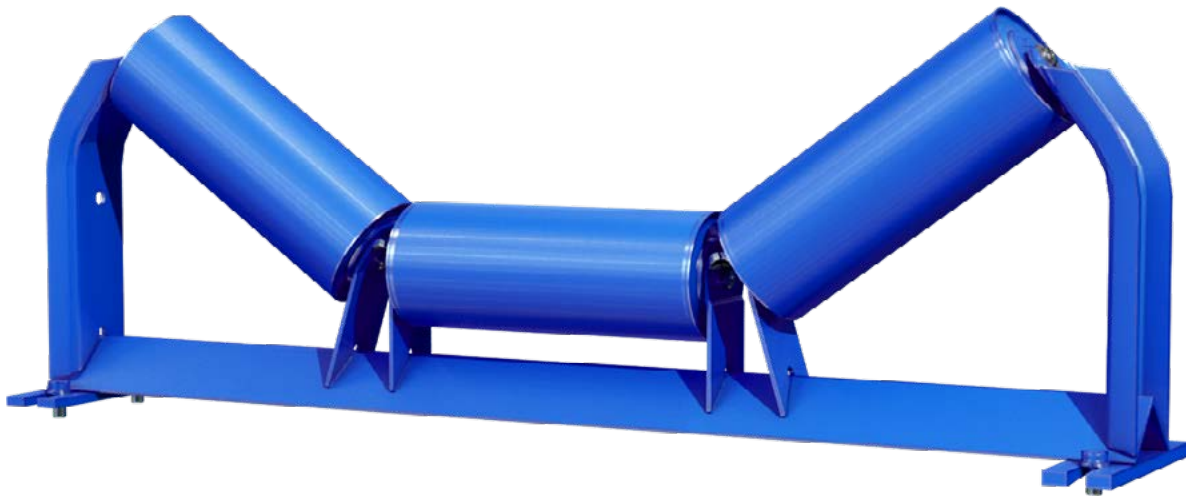


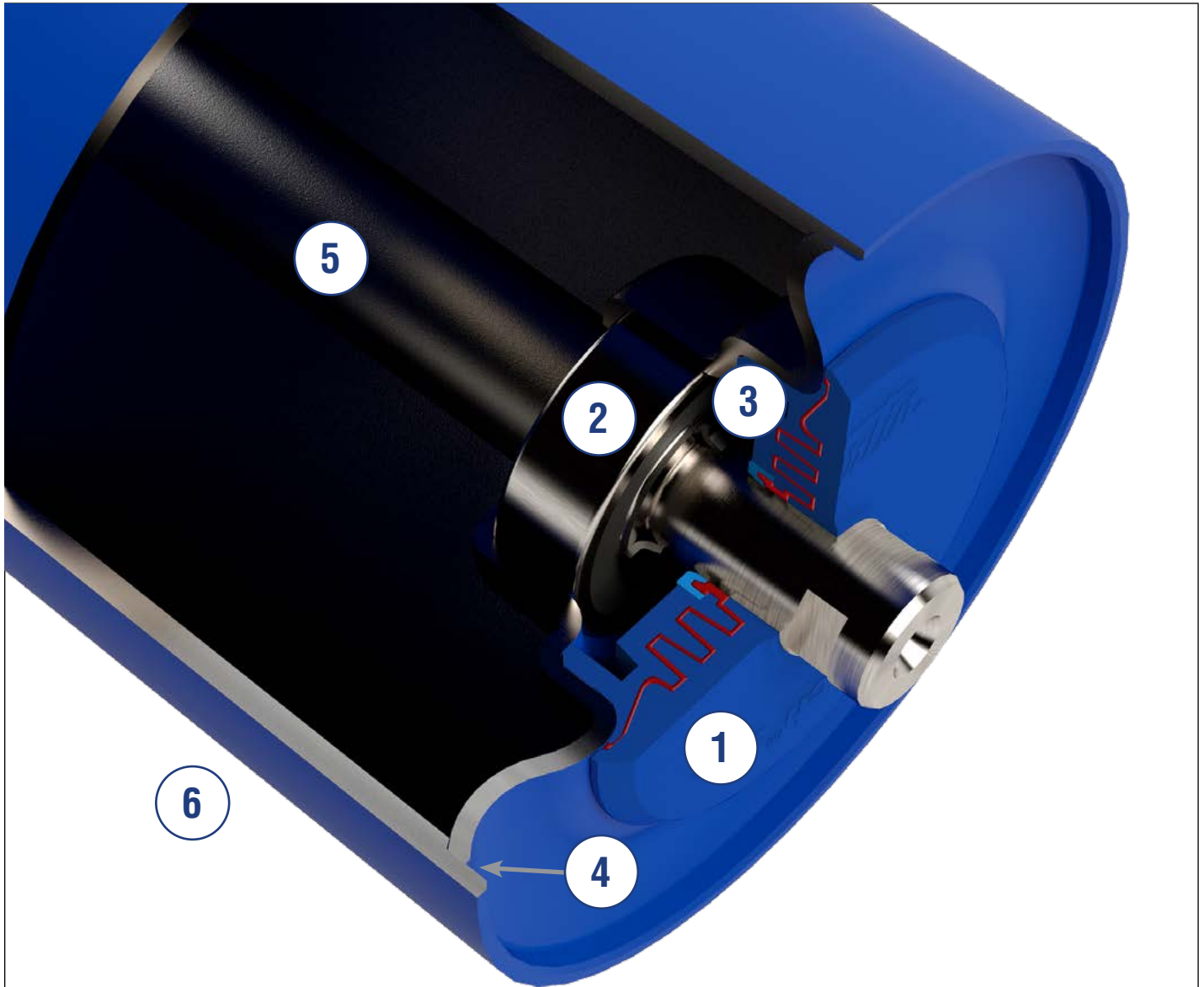
The C Series Idler sets a standard for the industry

- Manufactured using sealed for life ball bearings for long maintenance free operation
- Martin premium triple labyrinth seal guard bearing protection
- Conform to all CEMA C load and dimensional requirements
- Protected roll weld
- Martin triple labyrinth seal guard offers a balance of seal performance and low rolling resistance

CEMA C Load Ratings

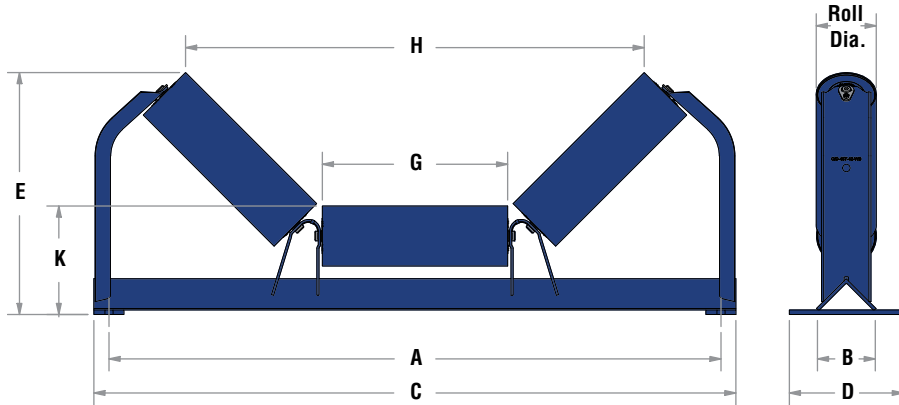
| Belt Width | Troughing Angle | | | Steel Return and Flat | Unequal Picking | Live Shaft |
|---------------------------|-----------------|-----|-----|-----------------------|-----------------|------------|
| | 20° | 35° | 45° | | | |
| 18 | 900 | 900 | 900 | 475 | - | 1200 |
| 24 | 900 | 900 | 900 | 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 Steel V>Returns (All) | | | | 500 | - | - |





| | |
|----------|--|
| 1 | Martin triple labyrinth seal design offers the following exclusive martin bearing protection <ul style="list-style-type: none"> • External shield deters impurities from entering the bearing housing • Flinger design removes contaminates away from the bearing housing by centrifugal force • Grease is injected into the labyrinth chambers during manufacturing to add an additional layer of protection against bearing contamination • The contact lip seal adds an additional level of protection against moisture and fine particulate contaminants |
| 2 | CEMA C idlers have sealed for life ball bearings |
| 3 | Martin CEMA C idlers offer low rolling resistance that allows for lower operating cost |
| 4 | Recessed and protected bearing housing weld protects against wear from belt |
| 5 | Oversized, solid steel shaft machined to 20 mm for bearings |
| 6 | Martin idlers have low TIR |
| 7 | CEMA C idlers standard product line is 18" to 60" belt widths |

CEMA C Equal Steel Idlers



| 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 Steel Idlers

| 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 | 10.5 | 21 | 8 | 37 | C4-T-18 | C5-20T-18-09 | 10.94 | 20.63 | 8.5 | 42 | C5-T-18-09 | C6-20T-18-09 | 11.44 | 20.25 | 9 | 46 | C6-T-18-09 |
| 20 | C4-20T-20 | 10.75 | 23.56 | 8 | 40 | C4-T-20 | 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 | 11.25 | 27.25 | 8 | 44 | C4-T-24 | C5-20T-24-09 | 11.75 | 26.94 | 8.5 | 49 | C5-T-24-09 | C6-20T-24-09 | 12.19 | 26.63 | 9 | 54 | C6-T-24-09 |
| 30 | C4-20T-30 | 12.13 | 33.56 | 8.13 | 52 | C4-T-30 | C5-20T-30-09 | 12.63 | 33.25 | 8.63 | 59 | C5-T-30-09 | C6-20T-30-09 | 13.06 | 32.88 | 9.13 | 64 | C6-T-30-09 |
| 36 | C4-20T-36 | 12.81 | 39.68 | 8.13 | 59 | C4-T-36 | C5-20T-36-09 | 13.31 | 39.31 | 8.63 | 66 | C5-T-36-09 | C6-20T-36-09 | 13.75 | 39 | 9.13 | 73 | C6-T-36-09 |
| 42 | C4-20T-42 | 14 | 46 | 8.5 | 68 | C4-T-42 | C5-20T-42-09 | 14.44 | 45.63 | 9 | 76 | C5-T-42-09 | C6-20T-42-09 | 14.94 | 45.31 | 9.5 | 84 | C6-T-42-09 |
| 48 | C4-20T-48 | 14.75 | 52.31 | 8.5 | 74 | C4-T-48 | C5-20T-48-09 | 15.25 | 51.94 | 9 | 84 | C5-T-48-09 | C6-20T-48-09 | 15.68 | 51.63 | 9.5 | 92 | C6-T-48-09 |
| 54 | C4-20T-54 | 15.44 | 58.44 | 8.5 | 81 | C4-T-54 | C5-20T-54-09 | 15.94 | 58.06 | 9 | 93 | C5-T-54-09 | C6-20T-54-09 | 16.44 | 57.75 | 9.5 | 102 | C6-T-54-09 |
| 60 | C4-20T-60 | 16.5 | 64.19 | 8.88 | 88 | C4-T-60 | C5-20T-60-09 | 16.94 | 63.81 | 9.38 | 100 | C5-T-60-09 | C6-20T-60-09 | 17.44 | 63.5 | 9.88 | 110 | C6-T-60-09 |

35° Equal Steel Idlers

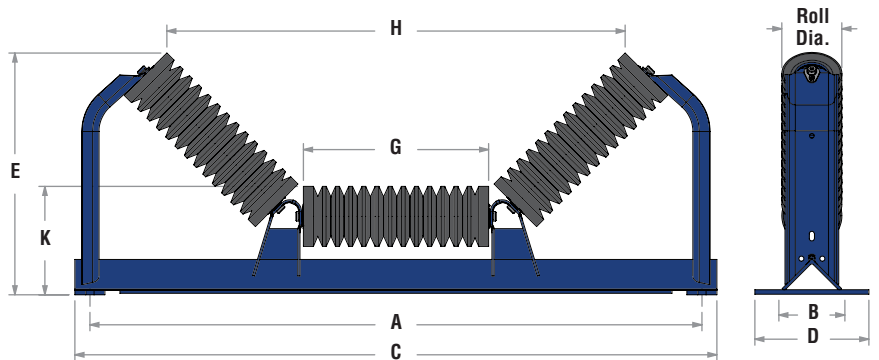
| Belt Width | 4" Roll Diameter | | | | | | 5" Roll Diameter | | | | | | 6" Roll Diameter | | | | | |
|------------|------------------|-------|-------|------|-----|-------------------|------------------|-------|-------|------|-----|-------------------|------------------|-------|-------|------|-----|-------------------|
| | 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 | 12.13 | 19.13 | 8 | 38 | C4-T-18 | C5-35T-18-09 | 12.5 | 18.5 | 8.5 | 43 | C5-T-18-09 | C6-35T-18-09 | 12.94 | 17.88 | 9 | 47 | C6-T-18-09 |
| 20 | C4-35T-20 | 12.63 | 21.69 | 8 | 41 | C4-T-20 | 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 | 13.38 | 24.94 | 8 | 45 | C4-T-24 | C5-35T-24-09 | 13.81 | 24.31 | 8.5 | 51 | C5-T-24-09 | C6-35T-24-09 | 14.18 | 23.75 | 9 | 56 | C6-T-24-09 |
| 30 | C4-35T-30 | 14.75 | 30.68 | 8.13 | 54 | C4-T-30 | C5-35T-30-09 | 15.19 | 30.13 | 8.63 | 61 | C5-T-30-09 | C6-35T-30-09 | 15.63 | 29.5 | 9.13 | 66 | C6-T-30-09 |
| 36 | C4-35T-36 | 16 | 36.25 | 8.13 | 61 | C4-T-36 | C5-35T-36-09 | 16.38 | 35.68 | 8.63 | 68 | C5-T-36-09 | C6-35T-36-09 | 16.81 | 35.13 | 9.13 | 75 | C6-T-36-09 |
| 42 | C4-35T-42 | 17.63 | 42.06 | 8.5 | 71 | C4-T-42 | C5-35T-42-09 | 18.06 | 41.5 | 9 | 79 | C5-T-42-09 | C6-35T-42-09 | 18.44 | 40.94 | 9.5 | 86 | C6-T-42-09 |
| 48 | C4-35T-48 | 18.88 | 47.81 | 8.5 | 77 | C4-T-48 | C5-35T-48-09 | 19.31 | 47.25 | 9 | 87 | C5-T-48-09 | C6-35T-48-09 | 19.69 | 46.69 | 9.5 | 95 | C6-T-48-09 |
| 54 | C4-35T-54 | 20.06 | 53.44 | 8.5 | 85 | C4-T-54 | C5-35T-54-09 | 20.5 | 52.88 | 9 | 96 | C5-T-54-09 | C6-35T-54-09 | 20.88 | 52.25 | 9.5 | 105 | C6-T-54-09 |
| 60 | C4-35T-60 | 21.56 | 58.69 | 8.88 | 92 | C4-T-60 | C5-35T-60-09 | 22 | 58.13 | 9.38 | 103 | C5-T-60-09 | C6-35T-60-09 | 22.44 | 57.5 | 9.88 | 113 | C6-T-60-09 |

45° Equal Steel Idlers

| 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 | 13.19 | 17.94 | 8 | 40 | C4-T-18 | C5-45T-18-09 | 13.5 | 17.25 | 8.5 | 45 | C5-T-18-09 | C6-45T-18-09 | 13.88 | 16.5 | 9 | 49 | C6-T-18-09 |
| 20 | C4-45T-20 | 13.75 | 20.31 | 8 | 43 | C4-T-20 | 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 | 14.75 | 23.25 | 8 | 47 | C4-T-24 | C5-45T-24-09 | 15.06 | 22.5 | 8.5 | 53 | C5-T-24-09 | C6-45T-24-09 | 15.44 | 21.81 | 9 | 58 | C6-T-24-09 |
| 30 | C4-45T-30 | 16.38 | 28.5 | 8.13 | 56 | C4-T-30 | C5-45T-30-09 | 16.75 | 27.75 | 8.63 | 63 | C5-T-30-09 | C6-45T-30-09 | 17.06 | 27.06 | 9.13 | 69 | C6-T-30-09 |
| 36 | C4-45T-36 | 17.88 | 33.63 | 8.13 | 63 | C4-T-36 | C5-45T-36-09 | 18.25 | 32.94 | 8.63 | 71 | C5-T-36-09 | C6-45T-36-09 | 18.63 | 32.18 | 9.13 | 77 | C6-T-36-09 |
| 42 | C4-45T-42 | 19.81 | 38.94 | 8.5 | 74 | C4-T-42 | C5-45T-42-09 | 20.19 | 38.19 | 9 | 82 | C5-T-42-09 | C6-45T-42-09 | 20.5 | 37.5 | 9.5 | 89 | C6-T-42-09 |
| 48 | C4-45T-48 | 21.38 | 44.18 | 8.5 | 80 | C4-T-48 | C5-45T-48-09 | 21.68 | 43.5 | 9 | 90 | C5-T-48-09 | C6-45T-48-09 | 22.06 | 42.75 | 9.5 | 98 | C6-T-48-09 |
| 54 | C4-45T-54 | 22.81 | 49.31 | 8.5 | 88 | C4-T-54 | C5-45T-54-09 | 23.25 | 48.63 | 9 | 99 | C5-T-54-09 | C6-45T-54-09 | 23.56 | 47.94 | 9.5 | 108 | C6-T-54-09 |
| 60 | C4-45T-60 | 24.63 | 54.13 | 8.88 | 95 | C4-T-60 | C5-45T-60-09 | 25 | 53.44 | 9.38 | 107 | C5-T-60-09 | C6-45T-60-09 | 25.31 | 52.75 | 9.88 | 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 Idlers

| 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 | 10.5 | 21 | 8 | 44 | C4-TI-18 | C5-20TI-18 | 10.94 | 20.63 | 8.5 | 48 | C5-TI-18 | C6-20TI-18 | 11.44 | 20.25 | 9 | 51 | C6-TI-18 |
| 20 | C4-20TI-20 | 10.75 | 23.56 | 8 | 49 | C4-TI-20 | C5-20TI-20 | 11.25 | 23.25 | 8.5 | 52 | C5-TI-20 | C6-20TI-20 | 11.69 | 22.88 | 9 | 56 | C6-TI-20 |
| 24 | C4-20TI-24 | 11.25 | 27.25 | 8 | 55 | C4-TI-24 | C5-20TI-24 | 11.75 | 26.94 | 8.5 | 58 | C5-TI-24 | C6-20TI-24 | 12.19 | 26.63 | 9 | 65 | C6-TI-24 |
| 30 | C4-20TI-30 | 12.13 | 33.56 | 8.13 | 65 | C4-TI-30 | C5-20TI-30 | 12.63 | 33.25 | 8.63 | 71 | C5-TI-30 | C6-20TI-30 | 13.06 | 32.88 | 9.13 | 77 | C6-TI-30 |
| 36 | C4-20TI-36 | 12.81 | 39.68 | 8.13 | 75 | C4-TI-36 | C5-20TI-36 | 13.31 | 39.31 | 8.63 | 81 | C5-TI-36 | C6-20TI-36 | 13.75 | 39 | 9.13 | 88 | C6-TI-36 |
| 42 | C4-20TI-42 | 14 | 46 | 8.5 | 90 | C4-TI-42 | C5-20TI-42 | 14.44 | 45.63 | 9 | 96 | C5-TI-42 | C6-20TI-42 | 14.94 | 45.31 | 9.5 | 107 | C6-TI-42 |
| 48 | C4-20TI-48 | 14.75 | 52.31 | 8.5 | 99 | C4-TI-48 | C5-20TI-48 | 15.25 | 51.94 | 9 | 107 | C5-TI-48 | C6-20TI-48 | 15.68 | 51.63 | 9.5 | 117 | C6-TI-48 |
| 54 | C4-20TI-54 | 15.44 | 58.44 | 8.5 | 110 | C4-TI-54 | C5-20TI-54 | 15.94 | 58.06 | 9 | 119 | C5-TI-54 | C6-20TI-54 | 16.44 | 57.75 | 9.5 | 130 | C6-TI-54 |
| 60 | C4-20TI-60 | 16.5 | 64.19 | 8.88 | 119 | C4-TI-60 | C5-20TI-60 | 16.94 | 63.81 | 9.38 | 130 | C5-TI-60 | C6-20TI-60 | 17.44 | 63.5 | 9.88 | 142 | C6-TI-60 |

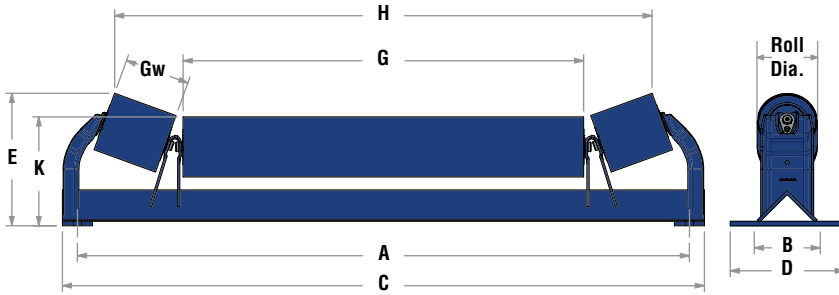
35° Equal Impact Idlers

| 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 | 12.13 | 19.13 | 8 | 46 | C4-TI-18 | C5-35TI-18 | 12.5 | 18.5 | 8.5 | 49 | C5-TI-18 | C6-35TI-18 | 12.94 | 17.88 | 9 | 53 | C6-TI-18 |
| 20 | C4-35TI-20 | 12.63 | 21.69 | 8 | 50 | C4-TI-20 | C5-35TI-20 | 13.06 | 21.13 | 8.5 | 53 | C5-TI-20 | C6-35TI-20 | 13.5 | 20.56 | 9 | 58 | C6-TI-20 |
| 24 | C4-35TI-24 | 13.38 | 24.94 | 8 | 57 | C4-TI-24 | C5-35TI-24 | 13.81 | 24.31 | 8.5 | 60 | C5-TI-24 | C6-35TI-24 | 14.18 | 23.75 | 9 | 67 | C6-TI-24 |
| 30 | C4-35TI-30 | 14.75 | 30.68 | 8.13 | 67 | C4-TI-30 | C5-35TI-30 | 15.19 | 30.13 | 8.63 | 73 | C5-TI-30 | C6-35TI-30 | 15.63 | 29.5 | 9.13 | 79 | C6-TI-30 |
| 36 | C4-35TI-36 | 16 | 36.25 | 8.13 | 77 | C4-TI-36 | C5-35TI-36 | 16.38 | 35.68 | 8.63 | 83 | C5-TI-36 | C6-35TI-36 | 16.81 | 35.13 | 9.13 | 91 | C6-TI-36 |
| 42 | C4-35TI-42 | 17.63 | 42.06 | 8.5 | 93 | C4-TI-42 | C5-35TI-42 | 18.06 | 41.5 | 9 | 99 | C5-TI-42 | C6-35TI-42 | 18.44 | 40.94 | 9.5 | 109 | C6-TI-42 |
| 48 | C4-35TI-48 | 18.88 | 47.81 | 8.5 | 102 | C4-TI-48 | C5-35TI-48 | 19.31 | 47.25 | 9 | 110 | C5-TI-48 | C6-35TI-48 | 19.69 | 46.69 | 9.5 | 120 | C6-TI-48 |
| 54 | C4-35TI-54 | 20.06 | 53.44 | 8.5 | 113 | C4-TI-54 | C5-35TI-54 | 20.5 | 52.88 | 9 | 122 | C5-TI-54 | C6-35TI-54 | 20.88 | 52.25 | 9.5 | 133 | C6-TI-54 |
| 60 | C4-35TI-60 | 21.56 | 58.69 | 8.88 | 123 | C4-TI-60 | C5-35TI-60 | 22 | 58.13 | 9.38 | 133 | C5-TI-60 | C6-35TI-60 | 22.44 | 57.5 | 9.88 | 146 | C6-TI-60 |

45° Equal Impact Idlers

| 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 | 13.19 | 17.94 | 8 | 48 | C4-TI-18 | C5-45TI-18 | 13.5 | 17.25 | 8.5 | 51 | C5-TI-18 | C6-45TI-18 | 13.88 | 16.5 | 9 | 55 | C6-TI-18 |
| 20 | C4-45TI-20 | 13.75 | 20.31 | 8 | 50 | C4-TI-20 | C5-45TI-20 | 14.13 | 19.63 | 8.5 | 55 | C5-TI-20 | C6-45TI-20 | 14.5 | 18.94 | 9 | 60 | C6-TI-20 |
| 24 | C4-45TI-24 | 14.75 | 23.25 | 8 | 59 | C4-TI-24 | C5-45TI-24 | 15.06 | 22.5 | 8.5 | 62 | C5-TI-24 | C6-45TI-24 | 15.44 | 21.81 | 9 | 69 | C6-TI-24 |
| 30 | C4-45TI-30 | 16.38 | 28.5 | 8.13 | 70 | C4-TI-30 | C5-45TI-30 | 16.75 | 27.75 | 8.63 | 75 | C5-TI-30 | C6-45TI-30 | 17.06 | 27.06 | 9.13 | 81 | C6-TI-30 |
| 36 | C4-45TI-36 | 17.88 | 33.63 | 8.13 | 80 | C4-TI-36 | C5-45TI-36 | 18.25 | 32.94 | 8.63 | 86 | C5-TI-36 | C6-45TI-36 | 18.63 | 32.18 | 9.13 | 93 | C6-TI-36 |
| 42 | C4-45TI-42 | 19.81 | 38.94 | 8.5 | 95 | C4-TI-42 | C5-45TI-42 | 20.19 | 38.19 | 9 | 102 | C5-TI-42 | C6-45TI-42 | 20.5 | 37.5 | 9.5 | 112 | C6-TI-42 |
| 48 | C4-45TI-48 | 21.38 | 44.18 | 8.5 | 105 | C4-TI-48 | C5-45TI-48 | 21.68 | 43.5 | 9 | 114 | C5-TI-48 | C6-45TI-48 | 22.06 | 42.75 | 9.5 | 123 | C6-TI-48 |
| 54 | C4-45TI-54 | 22.81 | 49.31 | 8.5 | 117 | C4-TI-54 | C5-45TI-54 | 23.25 | 48.63 | 9 | 126 | C5-TI-54 | C6-45TI-54 | 23.56 | 47.94 | 9.5 | 137 | C6-TI-54 |
| 60 | C4-45TI-60 | 24.63 | 54.13 | 8.88 | 127 | C4-TI-60 | C5-45TI-60 | 25 | 53.44 | 9.38 | 137 | C5-TI-60 | C6-45TI-60 | 25.31 | 52.75 | 9.88 | 149 | C6-TI-60 |

CEMA C Unequal Steel Idlers



| 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 |

*Dimension not shown; for wide base.

20° Unequal Steel Idlers

| 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 | 10.00 | 27.19 | 8.00 | 41 | C4-T-42 | | C5-20U-24-09 | 10.50 | 26.88 | 8.50 | 48 | C5-T-42-09 | |
| 30 | 21.38 | 5.44 | C4-20U-30 | 10.19 | 33.13 | 8.13 | 48 | C4-R-18 | | C5-20U-30-09 | 10.63 | 32.81 | 8.63 | 56 | C5-R-18-09 | |
| 36 | 27.38 | 5.44 | C4-20U-36 | 10.19 | 39.13 | 8.13 | 54 | C4-R-24 | | C5-20U-36-09 | 10.63 | 38.81 | 8.63 | 63 | C5-R-24-09 | |
| 42 | 33.38 | 5.44 | C4-20U-42 | 10.56 | 45.13 | 8.50 | 68 | C4-R-30 | C4-T-14 | C5-20U-42-09 | 11.00 | 44.81 | 9.00 | 72 | C5-R-30-09 | C5-T-14-09 |
| 48 | 39.38 | 5.44 | C4-20U-48 | 10.56 | 51.13 | 8.50 | 75 | C4-R-36 | | C5-20U-48-09 | 11.00 | 50.81 | 9.00 | 79 | C5-R-36-09 | |
| 54 | 45.38 | 5.44 | C4-20U-54 | 10.56 | 57.13 | 8.50 | 82 | C4-R-42 | | C5-20U-54-09 | 11.00 | 56.81 | 9.00 | 87 | C5-R-42-09 | |
| 60 | 51.38 | 5.44 | C4-20U-60 | 10.56 | 63.13 | 8.88 | 93 | C4-R-48 | | C5-20U-60-09 | 11.00 | 62.81 | 9.38 | 94 | C5-R-48-09 | |

| 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 | 11.00 | 26.50 | 9.00 | 53 | C6-T-42-09 | |
| 30 | 21.38 | 5.44 | C6-20U-30-09 | 11.13 | 32.44 | 9.13 | 62 | C6-R-18-09 | |
| 36 | 27.38 | 5.44 | C6-20U-36-09 | 11.13 | 38.44 | 9.13 | 69 | C6-R-24-09 | |
| 42 | 33.38 | 5.44 | C6-20U-42-09 | 11.50 | 44.44 | 9.50 | 80 | C6-R-30-09 | C6-T-14-09 |
| 48 | 39.38 | 5.44 | C6-20U-48-09 | 11.50 | 50.44 | 9.50 | 87 | C6-R-36-09 | |
| 54 | 45.38 | 5.44 | C6-20U-54-09 | 11.50 | 56.44 | 9.50 | 96 | C6-R-42-09 | |
| 60 | 51.38 | 5.44 | C6-20U-60-09 | 11.50 | 62.44 | 9.88 | 104 | C6-R-48-09 | |

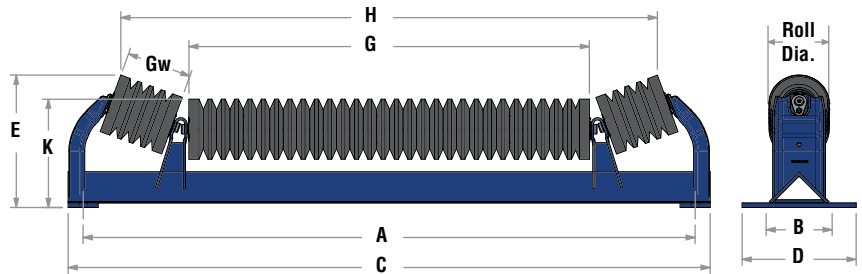
35° Unequal Steel Idlers

| 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 | 12.13 | 25.63 | 8.00 | 43 | C4-T-36 | C4-T-18 | C5-35U-24-09 | 12.50 | 25.00 | 8.50 | 50 | C5-T-36-09 | C5-T-18-09 |
| 30 | 15.44 | 8.94 | C4-35U-30 | 13.50 | 31.44 | 8.13 | 52 | C4-T-42 | | C5-35U-30-09 | 13.94 | 30.81 | 8.63 | 60 | C5-T-42-09 | |
| 36 | 19.75 | 8.94 | C4-35U-36 | 13.50 | 35.69 | 8.13 | 56 | C4-T-54 | C4-T-24 | C5-35U-36-09 | 13.94 | 35.13 | 8.63 | 65 | C5-T-54-09 | C5-T-24-09 |
| 42 | 21.38 | 11.13 | C4-35U-42 | 15.19 | 40.94 | 8.50 | 71 | C4-R-18 | | C5-35U-42-09 | 15.56 | 40.38 | 9.00 | 76 | C5-R-18-09 | |
| 48 | 27.38 | 11.13 | C4-35U-48 | 15.19 | 46.94 | 8.50 | 78 | C4-R-24 | C4-T-30 | C5-35U-48-09 | 15.56 | 46.38 | 9.00 | 82 | C5-R-24-09 | C5-T-30-09 |
| 54 | 33.38 | 11.13 | C4-35U-54 | 15.19 | 52.94 | 8.50 | 85 | C4-R-30 | | C5-35U-54-09 | 15.56 | 52.38 | 9.00 | 90 | C5-R-30-09 | |
| 60 | 39.38 | 11.13 | C4-35U-60 | 15.19 | 58.94 | 8.88 | 96 | C4-R-36 | | C5-35U-60-09 | 15.56 | 58.38 | 9.38 | 97 | C5-R-36-09 | |

| 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 | 24.50 | 9.00 | 55 | C6-T-36-09 | C6-T-18-09 |
| 30 | 15.44 | 8.94 | C6-35U-30-09 | 14.31 | 30.25 | 9.13 | 66 | C6-T-42-09 | |
| 36 | 19.75 | 8.94 | C6-35U-36-09 | 14.31 | 34.56 | 9.13 | 72 | C6-T-54-09 | C6-T-24-09 |
| 42 | 21.38 | 11.13 | C6-35U-42-09 | 16.00 | 39.75 | 9.50 | 83 | C6-R-18-09 | |
| 48 | 27.38 | 11.13 | C6-35U-48-09 | 16.00 | 45.75 | 9.50 | 90 | C6-R-24-09 | C6-T-30-09 |
| 54 | 33.38 | 11.13 | C6-35U-54-09 | 16.00 | 51.75 | 9.50 | 99 | C6-R-30-09 | |
| 60 | 39.38 | 11.13 | C6-35U-60-09 | 16.00 | 57.75 | 9.88 | 107 | C6-R-36-09 | |

| 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 |

*Dimension not shown; for wide base.



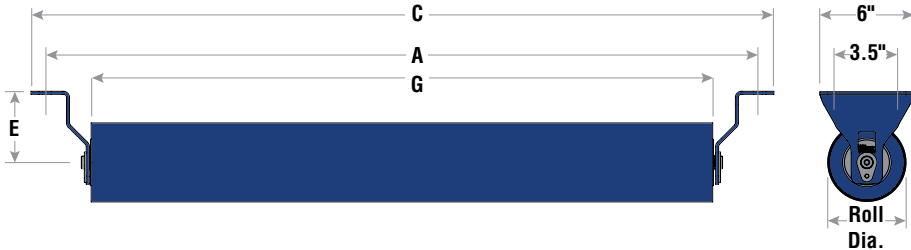
20° Unequal Impact Idlers

| 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 | C5-20UI-24 | 10.50 | 26.88 | 8.50 | 57 | C5-TI-42 | | C6-20UI-24 | 11.00 | 26.50 | 9.00 | 62 | C6-TI-42 | |
| 30 | 21.38 | 5.44 | C5-20UI-30 | 10.63 | 32.81 | 8.63 | 68 | C5-FRD-18 | | C6-20UI-30 | 11.13 | 32.44 | 9.13 | 74 | C6-FRD-18 | |
| 36 | 27.38 | 5.44 | C5-20UI-36 | 10.63 | 38.81 | 8.63 | 78 | C5-FRD-24 | | C6-20UI-36 | 11.13 | 38.44 | 9.13 | 85 | C6-FRD-24 | |
| 42 | 33.38 | 5.44 | C5-20UI-42 | 11.00 | 44.81 | 9.00 | 92 | C5-FRD-30 | C5-TI-14 | C6-20UI-42 | 11.50 | 44.44 | 9.50 | 100 | C6-FRD-30 | C6-TI-14 |
| 48 | 39.38 | 5.44 | C5-20UI-48 | 11.00 | 50.81 | 9.00 | 102 | C5-FRD-36 | | C6-20UI-48 | 11.50 | 50.44 | 9.50 | 111 | C6-FRD-36 | |
| 54 | 45.38 | 5.44 | C5-20UI-54 | 11.00 | 56.81 | 9.00 | 113 | C5-FRD-42 | | C6-20UI-54 | 11.50 | 56.44 | 9.50 | 123 | C6-FRD-42 | |
| 60 | 51.38 | 5.44 | C5-20UI-60 | 11.00 | 62.81 | 9.38 | 123 | C5-FRD-48 | | C6-20UI-60 | 11.50 | 62.44 | 9.88 | 134 | C6-FRD-48 | |

35° Unequal Impact Idlers

| 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 | C5-35UI-24 | 12.50 | 25.00 | 8.50 | 59 | C5-TI-36 | C5-TI-18 | C6-35UI-24 | 12.94 | 24.50 | 9.00 | 64 | C6-TI-36 | C6-TI-18 |
| 30 | 15.44 | 8.94 | C5-35UI-30 | 13.94 | 30.81 | 8.63 | 72 | C5-TI-42 | C5-TI-24 | C6-35UI-30 | 14.31 | 30.25 | 9.13 | 80 | C6-TI-42 | C6-TI-24 |
| 36 | 19.75 | 8.94 | C5-35UI-36 | 13.94 | 35.13 | 8.63 | 80 | C5-TI-54 | | C6-35UI-36 | 14.31 | 34.56 | 9.13 | 88 | C6-TI-54 | |
| 42 | 21.38 | 11.13 | C5-35UI-42 | 15.56 | 40.38 | 9.00 | 95 | C5-FRD-18 | C5-TI-30 | C6-35UI-42 | 16.00 | 39.75 | 9.50 | 103 | C6-FRD-18 | C6-TI-30 |
| 48 | 27.38 | 11.13 | C5-35UI-48 | 15.56 | 46.38 | 9.00 | 105 | C5-FRD-24 | | C6-35UI-48 | 16.00 | 45.75 | 9.50 | 114 | C6-FRD-24 | |
| 54 | 33.38 | 11.13 | C5-35UI-54 | 15.56 | 52.38 | 9.00 | 116 | C5-FRD-30 | | C6-35UI-54 | 16.00 | 51.75 | 9.50 | 126 | C6-FRD-30 | |
| 60 | 39.38 | 11.13 | C5-35UI-60 | 15.56 | 58.38 | 9.38 | 126 | C5-FRD-36 | | C6-35UI-60 | 16.00 | 57.75 | 9.88 | 137 | C6-FRD-36 | |

CEMA C Steel Returns



| 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 |

Steel 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-18-1 | 17 | C4-R-18 | C5-R-18-09-1 | 20 | C5-R-18-09 | C6-R-18-09-1 | 24 | C6-R-18-09 |
| 20 | C4-R-20-1 | 18 | C4-R-20 | C5-R-20-09-1 | 22 | C5-R-20-09 | C6-R-20-09-1 | 26 | C6-R-20-09 |
| 24 | C4-R-24-1 | 20 | C4-R-24 | C5-R-24-09-1 | 25 | C5-R-24-09 | C6-R-24-09-1 | 30 | C6-R-24-09 |
| 30 | C4-R-30-1 | 24 | C4-R-30 | C5-R-30-09-1 | 30 | C5-R-30-09 | C6-R-30-09-1 | 35 | C6-R-30-09 |
| 36 | C4-R-36-1 | 27 | C4-R-36 | C5-R-36-09-1 | 35 | C5-R-36-09 | C6-R-36-09-1 | 41 | C6-R-36-09 |
| 42 | C4-R-42-1 | 31 | C4-R-42 | C5-R-42-09-1 | 40 | C5-R-42-09 | C6-R-42-09-1 | 46 | C6-R-42-09 |
| 48 | C4-R-48-1 | 34 | C4-R-48 | C5-R-48-09-1 | 45 | C5-R-48-09 | C6-R-48-09-1 | 52 | C6-R-48-09 |
| *54 | C4-R-54-1 | 38 | C4-R-54 | C5-R-54-09-1 | 49 | C5-R-54-09 | C6-R-54-09-1 | 57 | C6-R-54-09 |
| *60 | C4-R-60-1 | 41 | C4-R-60 | C5-R-60-09-1 | 54 | C5-R-60-09 | C6-R-60-09-1 | 63 | C6-R-60-09 |

Steel 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-18-4 | 19 | C4-R-18 | C5-R-18-09-4 | 22 | C5-R-18-09 | C6-R-18-09-4 | 26 | C6-R-18-09 |
| 20 | C4-R-20-4 | 21 | C4-R-20 | C5-R-20-09-4 | 24 | C5-R-20-09 | C6-R-20-09-4 | 28 | C6-R-20-09 |
| 24 | C4-R-24-4 | 25 | C4-R-24 | C5-R-24-09-4 | 27 | C5-R-24-09 | C6-R-24-09-4 | 32 | C6-R-24-09 |
| 30 | C4-R-30-4 | 28 | C4-R-30 | C5-R-30-09-4 | 32 | C5-R-30-09 | C6-R-30-09-4 | 37 | C6-R-30-09 |
| 36 | C4-R-36-4 | 32 | C4-R-36 | C5-R-36-09-4 | 37 | C5-R-36-09 | C6-R-36-09-4 | 43 | C6-R-36-09 |
| 42 | C4-R-42-4 | 35 | C4-R-42 | C5-R-42-09-4 | 42 | C5-R-42-09 | C6-R-42-09-4 | 48 | C6-R-42-09 |
| 48 | C4-R-48-4 | 39 | C4-R-48 | C5-R-48-09-4 | 47 | C5-R-48-09 | C6-R-48-09-4 | 54 | C6-R-48-09 |
| *54 | C4-R-54-4 | 43 | C4-R-54 | C5-R-54-09-4 | 51 | C5-R-54-09 | C6-R-54-09-4 | 59 | C6-R-54-09 |
| *60 | C4-R-60-4 | 48 | C4-R-60 | C5-R-60-09-4 | 56 | C5-R-60-09 | C6-R-60-09-4 | 65 | C6-R-60-09 |

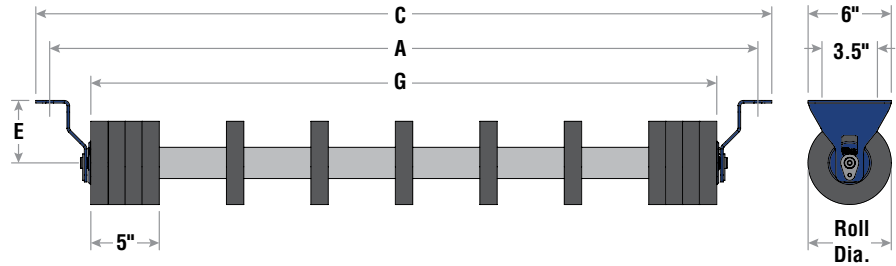
Steel Returns (E = 4.5", Belt Saver)

| 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-18-4S | 20 | C4-R-18 | C5-R-18-09-4S | 23 | C5-R-18-09 | C6-R-18-09-4S | 27 | C6-R-18-09 |
| 20 | C4-R-20-4S | 22 | C4-R-20 | C5-R-20-09-4S | 25 | C5-R-20-09 | C6-R-20-09-4S | 29 | C6-R-20-09 |
| 24 | C4-R-24-4S | 24 | C4-R-24 | C5-R-24-09-4S | 28 | C5-R-24-09 | C6-R-24-09-4S | 33 | C6-R-24-09 |
| 30 | C4-R-30-4S | 28 | C4-R-30 | C5-R-30-09-4S | 33 | C5-R-30-09 | C6-R-30-09-4S | 38 | C6-R-30-09 |
| 36 | C4-R-36-4S | 32 | C4-R-36 | C5-R-36-09-4S | 38 | C5-R-36-09 | C6-R-36-09-4S | 44 | C6-R-36-09 |
| 42 | C4-R-42-4S | 36 | C4-R-42 | C5-R-42-09-4S | 43 | C5-R-42-09 | C6-R-42-09-4S | 49 | C6-R-42-09 |
| 48 | C4-R-48-4S | 40 | C4-R-48 | C5-R-48-09-4S | 48 | C5-R-48-09 | C6-R-48-09-4S | 55 | C6-R-48-09 |
| *54 | C4-R-54-4S | 45 | C4-R-54 | C5-R-54-09-4S | 52 | C5-R-54-09 | C6-R-54-09-4S | 60 | C6-R-54-09 |
| *60 | C4-R-60-4S | 49 | C4-R-60 | C5-R-60-09-4S | 57 | C5-R-60-09 | C6-R-60-09-4S | 66 | C6-R-60-09 |

*CEMA recommends class D.

Note: Brackets included, can also be sold separately (page N-65).

| 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 |



Rubber Disc 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-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 |

Rubber Disc 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-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 |

Rubber Disc Returns (E = 4.5", Belt Saver)

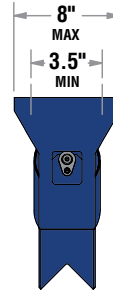
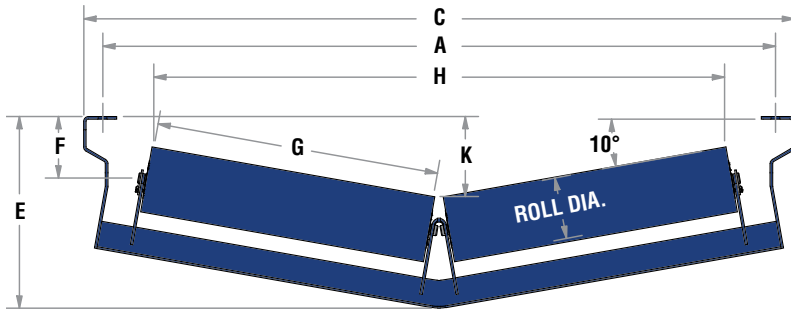
| Belt Width | 4" Roll Diameter | | | 5" Roll Diameter ◊ | | | 6" Roll Diameter | | |
|------------|------------------|-----|------------------|--------------------|-----|------------------|------------------|-----|------------------|
| | Part Number | Wt. | Replacement Roll | Part Number | Wt. | Replacement Roll | Part Number | Wt. | Replacement Roll |
| 18 | C4-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.

◊ Urethane disc rolls are available for 5" diameter.

Note: Brackets included, can also be sold separately (page N-65).

CEMA C Steel V>Returns



| Belt Width | Standard Dimensions | | |
|------------|---------------------|-------|-------|
| | A | C | G |
| 24 | 33 | 35.88 | 13.25 |
| 30 | 39 | 41.88 | 17.63 |
| 36 | 45 | 47.88 | 19.75 |
| 42 | 51 | 53.88 | 21.38 |
| 48 | 57 | 59.88 | 26.00 |
| 54 | 63 | 65.88 | 28.88 |
| 60 | 69 | 71.88 | 31.88 |

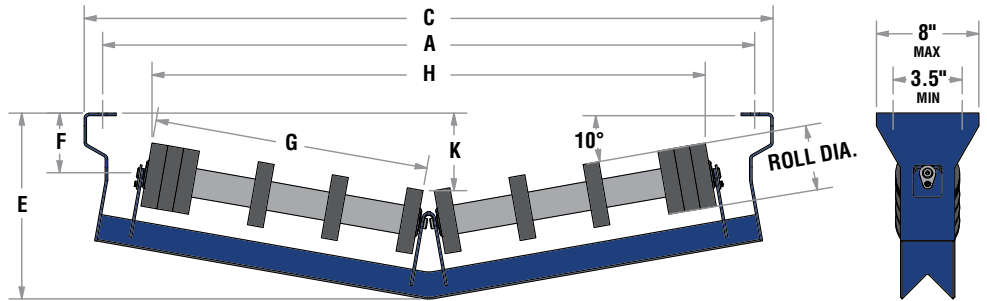
Steel V>Returns (F = 4.5")

| 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 | 12.94 | 26.75 | 4.50 | 46 | C5-T-36-09 | C6-10V4-24-09 | 12.94 | 26.56 | 4.00 | 51 | C6-T-36-09 |
| 30 | C5-10V4-30-09 | 13.44 | 35.31 | 5.00 | 55 | C5-T-48-09 | C6-10V4-30-09 | 13.44 | 35.19 | 4.50 | 61 | C6-T-48-09 |
| 36 | C5-10V4-36-09 | 14.00 | 39.50 | 5.56 | 60 | C5-T-54-09 | C6-10V4-36-09 | 14.00 | 39.38 | 5.00 | 67 | C6-T-54-09 |
| 42 | C5-10V4-42-09 | 14.50 | 43.50 | 6.00 | 66 | C5-T-60-09 | C6-10V4-42-09 | 14.50 | 43.31 | 5.38 | 72 | C6-T-60-09 |
| 48 | C5-10V4-48-09 | 15.00 | 51.81 | 6.63 | 80 | D5-T-72-09 | C6-10V4-48-09 | 15.00 | 51.69 | 6.13 | 88 | D6-T-72-09 |
| 54 | C5-10V4-54-09 | 15.56 | 57.50 | 7.13 | 81 | C5-V-54-09 | C6-10V4-54-09 | 15.56 | 57.31 | 6.63 | 89 | C6-V-54-09 |
| 60 | C5-10V4-60-09 | 16.13 | 63.44 | 7.69 | 88 | C5-V-60-09 | C6-10V4-60-09 | 16.13 | 63.25 | 7.19 | 97 | C6-V-60-09 |

Steel 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 | 15.56 | 26.75 | 7.13 | 48 | C5-T-36-09 | C6-10V7-24-09 | 15.56 | 26.56 | 6.63 | 52 | C6-T-36-09 |
| 30 | C5-10V7-30-09 | 16.06 | 35.31 | 7.63 | 55 | C5-T-48-09 | C6-10V7-30-09 | 16.06 | 35.19 | 7.13 | 61 | C6-T-48-09 |
| 36 | C5-10V7-36-09 | 16.63 | 39.50 | 8.19 | 62 | C5-T-54-09 | C6-10V7-36-09 | 16.63 | 39.38 | 7.69 | 68 | C6-T-54-09 |
| 42 | C5-10V7-42-09 | 17.13 | 43.50 | 8.69 | 67 | C5-T-60-09 | C6-10V7-42-09 | 17.13 | 43.31 | 8.25 | 74 | C6-T-60-09 |
| 48 | C5-10V7-48-09 | 17.69 | 51.81 | 9.25 | 82 | D5-T-72-09 | C6-10V7-48-09 | 17.69 | 51.69 | 8.75 | 89 | D6-T-72-09 |
| 54 | C5-10V7-54-09 | 18.19 | 57.50 | 9.75 | 82 | C5-V-54-09 | C6-10V7-54-09 | 18.19 | 57.31 | 9.25 | 91 | C6-V-54-09 |
| 60 | C5-10V7-60-09 | 18.75 | 63.44 | 10.25 | 89 | C5-V-60-09 | C6-10V7-60-09 | 18.75 | 63.25 | 9.81 | 98 | C6-V-60-09 |

| Belt Width | Standard Dimensions | | |
|------------|---------------------|-------|-------|
| | A | C | G |
| 24 | 33 | 35.88 | 13.25 |
| 30 | 39 | 41.88 | 17.63 |
| 36 | 45 | 47.88 | 19.75 |
| 42 | 51 | 53.88 | 21.38 |
| 48 | 57 | 59.88 | 26.00 |
| 54 | 63 | 65.88 | 28.88 |
| 60 | 69 | 71.88 | 31.88 |



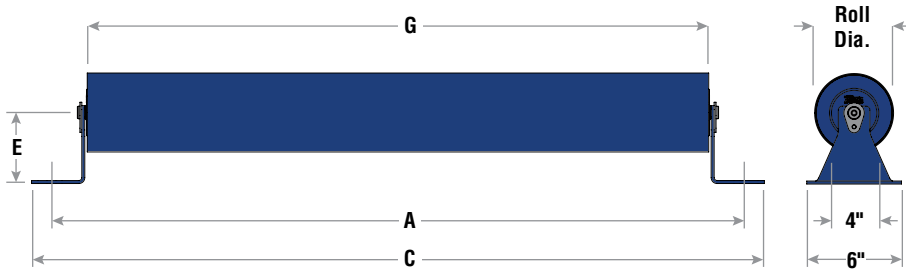
Rubber Disc V>Returns (F = 4.5")

| 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 | C5-10VRD4-24 | 12.94 | 26.75 | 4.50 | 44 | C5-VRD-24 | C6-10VRD4-24 | 12.94 | 26.56 | 4.00 | 48 | C6-VRD-24 |
| 30 | C5-10VRD4-30 | 13.44 | 35.31 | 5.00 | 51 | C5-VRD-30 | C6-10VRD4-30 | 13.44 | 35.19 | 4.50 | 56 | C6-VRD-30 |
| 36 | C5-10VRD4-36 | 14.00 | 39.50 | 5.56 | 54 | C5-VRD-36 | C6-10VRD4-36 | 14.00 | 39.38 | 5.00 | 59 | C6-VRD-36 |
| 42 | C5-10VRD4-42 | 14.50 | 43.50 | 6.00 | 59 | C5-VRD-42 | C6-10VRD4-42 | 14.50 | 43.31 | 5.38 | 65 | C6-VRD-42 |
| 48 | C5-10VRD4-48 | 15.00 | 51.81 | 6.63 | 64 | C5-VRD-48 | C6-10VRD4-48 | 15.00 | 51.69 | 6.13 | 72 | C6-VRD-48 |
| 54 | C5-10VRD4-54 | 15.56 | 57.50 | 7.13 | 69 | C5-VRD-54 | C6-10VRD4-54 | 15.56 | 57.31 | 6.63 | 77 | C6-VRD-54 |
| 60 | C5-10VRD4-60 | 16.13 | 63.44 | 7.69 | 75 | C5-VRD-60 | C6-10VRD4-60 | 16.13 | 63.25 | 7.19 | 82 | C6-VRD-60 |

Rubber Disc 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 | C5-10VRD7-24 | 15.56 | 26.75 | 7.13 | 46 | C5-VRD-24 | C6-10VRD7-24 | 15.56 | 26.56 | 6.63 | 50 | C6-VRD-24 |
| 30 | C5-10VRD7-30 | 16.06 | 35.31 | 7.63 | 53 | C5-VRD-30 | C6-10VRD7-30 | 16.06 | 35.19 | 7.13 | 58 | C6-VRD-30 |
| 36 | C5-10VRD7-36 | 16.63 | 39.50 | 8.19 | 56 | C5-VRD-36 | C6-10VRD7-36 | 16.63 | 39.38 | 7.69 | 61 | C6-VRD-36 |
| 42 | C5-10VRD7-42 | 17.13 | 43.50 | 8.69 | 61 | C5-VRD-42 | C6-10VRD7-42 | 17.13 | 43.31 | 8.25 | 67 | C6-VRD-42 |
| 48 | C5-10VRD7-48 | 17.69 | 51.81 | 9.25 | 66 | C5-VRD-48 | C6-10VRD7-48 | 17.69 | 51.69 | 8.75 | 74 | C6-VRD-48 |
| 54 | C5-10VRD7-54 | 18.19 | 57.50 | 9.75 | 71 | C5-VRD-54 | C6-10VRD7-54 | 18.19 | 57.31 | 9.25 | 79 | C6-VRD-54 |
| 60 | C5-10VRD7-60 | 18.75 | 63.44 | 10.25 | 77 | C5-VRD-60 | C6-10VRD7-60 | 18.75 | 63.25 | 9.81 | 84 | C6-VRD-60 |

CEMA C Steel Flat Carry



| Belt Width | Standard Dimensions | | |
|------------|---------------------|-------|-------|
| | A | C | G |
| 18 | 27 | 28.44 | 21.38 |
| 20 | 29 | 30.44 | 23.38 |
| 24 | 33 | 34.44 | 27.38 |
| 30 | 39 | 40.44 | 33.38 |
| 36 | 45 | 46.44 | 39.38 |
| 42 | 51 | 52.44 | 45.38 |
| 48 | 57 | 58.44 | 51.38 |
| 54 | 63 | 64.44 | 57.38 |
| 60 | 69 | 70.44 | 63.38 |

Steel Flat Carry (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-18-1 | 18 | C4-R-18 | C5-F-18-09-1 | 22 | C5-R-18-09 | C6-F-18-09-1 | 25 | C6-R-18-09 |
| 20 | C4-F-20-1 | 20 | C4-R-20 | C5-F-20-09-1 | 24 | C5-R-20-09 | C6-F-20-09-1 | 27 | C6-R-20-09 |
| 24 | C4-F-24-1 | 23 | C4-R-24 | C5-F-24-09-1 | 27 | C5-R-24-09 | C6-F-24-09-1 | 31 | C6-R-24-09 |
| 30 | C4-F-30-1 | 27 | C4-R-30 | C5-F-30-09-1 | 32 | C5-R-30-09 | C6-F-30-09-1 | 37 | C6-R-30-09 |
| 36 | C4-F-36-1 | 31 | C4-R-36 | C5-F-36-09-1 | 36 | C5-R-36-09 | C6-F-36-09-1 | 42 | C6-R-36-09 |
| 42 | C4-F-42-1 | 35 | C4-R-42 | C5-F-42-09-1 | 41 | C5-R-42-09 | C6-F-42-09-1 | 48 | C6-R-42-09 |
| 48 | C4-F-48-1 | 39 | C4-R-48 | C5-F-48-09-1 | 46 | C5-R-48-09 | C6-F-48-09-1 | 54 | C6-R-48-09 |
| *54 | C4-F-54-1 | 43 | C4-R-54 | C5-F-54-09-1 | 51 | C5-R-54-09 | C6-F-54-09-1 | 59 | C6-R-54-09 |
| *60 | C4-F-60-1 | 47 | C4-R-60 | C5-F-60-09-1 | 56 | C5-R-60-09 | C6-F-60-09-1 | 65 | C6-R-60-09 |

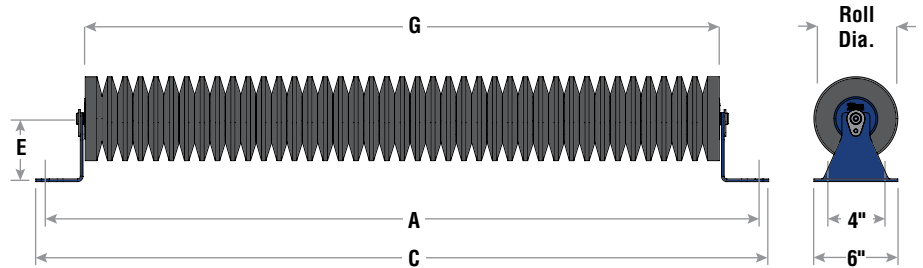
Steel Flat Carry (E = 4.5")

| 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-18-4 | 20 | C4-R-18 | C5-F-18-09-4 | 23 | C5-R-18-09 | C6-F-18-09-4 | 26 | C6-R-18-09 |
| 20 | C4-F-20-4 | 21 | C4-R-20 | C5-F-20-09-4 | 25 | C5-R-20-09 | C6-F-20-09-4 | 28 | C6-R-20-09 |
| 24 | C4-F-24-4 | 24 | C4-R-24 | C5-F-24-09-4 | 28 | C5-R-24-09 | C6-F-24-09-4 | 32 | C6-R-24-09 |
| 30 | C4-F-30-4 | 28 | C4-R-30 | C5-F-30-09-4 | 33 | C5-R-30-09 | C6-F-30-09-4 | 38 | C6-R-30-09 |
| 36 | C4-F-36-4 | 32 | C4-R-36 | C5-F-36-09-4 | 37 | C5-R-36-09 | C6-F-36-09-4 | 43 | C6-R-36-09 |
| 42 | C4-F-42-4 | 36 | C4-R-42 | C5-F-42-09-4 | 42 | C5-R-42-09 | C6-F-42-09-4 | 49 | C6-R-42-09 |
| 48 | C4-F-48-4 | 40 | C4-R-48 | C5-F-48-09-4 | 47 | C5-R-48-09 | C6-F-48-09-4 | 55 | C6-R-48-09 |
| *54 | C4-F-54-4 | 44 | C4-R-54 | C5-F-54-09-4 | 52 | C5-R-54-09 | C6-F-54-09-4 | 60 | C6-R-54-09 |
| *60 | C4-F-60-4 | 48 | C4-R-60 | C5-F-60-09-4 | 57 | C5-R-60-09 | C6-F-60-09-4 | 66 | C6-R-60-09 |

*CEMA recommends class D.

Note: Brackets included, can also be sold separately (page N-65).

| Belt Width | Standard Dimensions | | |
|------------|---------------------|-------|-------|
| | A | C | G |
| 18 | 27 | 28.44 | 21.38 |
| 20 | 29 | 30.44 | 23.38 |
| 24 | 33 | 34.44 | 27.38 |
| 30 | 39 | 40.44 | 33.38 |
| 36 | 45 | 46.44 | 39.38 |
| 42 | 51 | 52.44 | 45.38 |
| 48 | 57 | 58.44 | 51.38 |
| 54 | 63 | 64.44 | 57.38 |
| 60 | 69 | 70.44 | 63.38 |



Impact Flat Carry (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 | 24 | C5-FRD-18 | C6-FRD-18-1 | 28 | C6-FRD-18 |
| 20 | C5-FRD-20-1 | 26 | C5-FRD-20 | C6-FRD-20-1 | 30 | C6-FRD-20 |
| 24 | C5-FRD-24-1 | 30 | C5-FRD-24 | C6-FRD-24-1 | 35 | C6-FRD-24 |
| 30 | C5-FRD-30-1 | 36 | C5-FRD-30 | C6-FRD-30-1 | 42 | C6-FRD-30 |
| 36 | C5-FRD-36-1 | 42 | C5-FRD-36 | C6-FRD-36-1 | 49 | C6-FRD-36 |
| 42 | C5-FRD-42-1 | 48 | C5-FRD-42 | C6-FRD-42-1 | 56 | C6-FRD-42 |
| 48 | C5-FRD-48-1 | 54 | C5-FRD-48 | C6-FRD-48-1 | 63 | C6-FRD-48 |
| *54 | C5-FRD-54-1 | 60 | C5-FRD-54 | C6-FRD-54-1 | 70 | C6-FRD-54 |
| *60 | C5-FRD-60-1 | 67 | C5-FRD-60 | C6-FRD-60-1 | 77 | C6-FRD-60 |

Impact Flat Carry (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 | 25 | C5-FRD-18 | C6-FRD-18-4 | 29 | C6-FRD-18 |
| 20 | C5-FRD-20-4 | 27 | C5-FRD-20 | C6-FRD-20-4 | 31 | C6-FRD-20 |
| 24 | C5-FRD-24-4 | 31 | C5-FRD-24 | C6-FRD-24-4 | 36 | C6-FRD-24 |
| 30 | C5-FRD-30-4 | 37 | C5-FRD-30 | C6-FRD-30-4 | 43 | C6-FRD-30 |
| 36 | C5-FRD-36-4 | 43 | C5-FRD-36 | C6-FRD-36-4 | 50 | C6-FRD-36 |
| 42 | C5-FRD-42-4 | 49 | C5-FRD-42 | C6-FRD-42-4 | 57 | C6-FRD-42 |
| 48 | C5-FRD-48-4 | 55 | C5-FRD-48 | C6-FRD-48-4 | 64 | C6-FRD-48 |
| *54 | C5-FRD-54-4 | 61 | C5-FRD-54 | C6-FRD-54-4 | 71 | C6-FRD-54 |
| *60 | C5-FRD-60-4 | 68 | C5-FRD-60 | C6-FRD-60-4 | 78 | C6-FRD-60 |

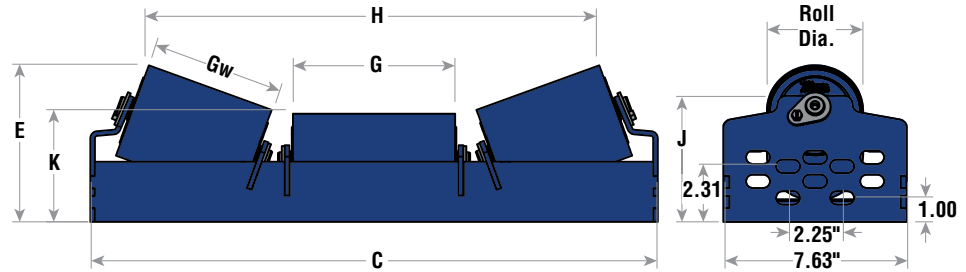
*CEMA recommends class D.

Note: Brackets included, can also be sold separately (page N-65).

CEMA C Steel Channel Inset Idlers



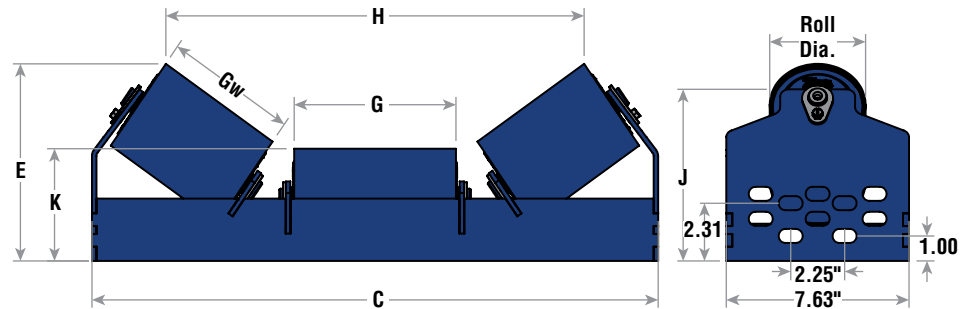
| Belt Width | Standard Dimensions | | |
|------------|---------------------|-------|-------|
| | C | G | GW |
| 18 | 23.63 | 6.75 | 5.44 |
| 24 | 29.63 | 8.94 | 7.63 |
| 30 | 35.63 | 11.13 | 8.94 |
| 36 | 41.63 | 13.25 | 11.13 |
| 42 | 47.63 | 15.44 | 13.25 |
| 48 | 53.63 | 17.63 | 15.44 |
| 54 | 59.63 | 19.75 | 17.63 |
| 60 | 65.63 | 21.75 | 19.75 |



20° Steel Channel Inset Idlers

| Belt Width | 4" Roll Diameter | | | | | | | 5" Roll Diameter | | | | | | | | |
|------------|------------------|-------|-------|-------|-------|---------|------------------|------------------|---------------|-------|-------|-------|------------|------------|------------------|------------|
| | Part Number | E | H | K | J | Wt. | Replacement Roll | | Part Number | E | H | K | J | Wt. | Replacement Roll | |
| | | | | | | | Center Roll | Wing Roll | | | | | | | Center Roll | Wing Roll |
| 18 | C4-20CT-18 | 6.50 | 18.51 | 4.5 | 5.23 | 30.04 | C4-T-18 | C4-T-14 | C5-20CT-18-09 | 6.97 | 18.17 | 5 | 5.23 | 33.53 | C5-T-18-09 | C5-T-14-09 |
| 24 | C4-20CT-24 | 7.24 | 24.81 | | 5.98 | 36.04 | C4-T-24 | C4-T-20 | C5-20CT-24-09 | 7.71 | 24.47 | | 5.98 | 40.39 | C5-T-24-09 | C5-T-20-09 |
| 30 | C4-20CT-30 | 7.69 | 29.46 | | 6.43 | 41.53 | C4-T-30 | C4-T-24 | C5-20CT-30-09 | 8.16 | 29.12 | | 6.43 | 46.51 | C5-T-30-09 | C5-T-24-09 |
| 36 | C4-20CT-36 | 8.44 | 35.70 | | 7.17 | 47.99 | C4-T-36 | C4-T-30 | C5-20CT-36-09 | 8.91 | 35.36 | | 7.17 | 53.81 | C5-T-36-09 | C5-T-30-09 |
| 42 | C4-20CT-42 | 9.17 | 41.88 | | 7.90 | 54.40 | C4-T-42 | C4-T-36 | C5-20CT-42-09 | 9.64 | 41.54 | | 7.9 | 61.05 | C5-T-42-09 | C5-T-36-09 |
| 48 | C4-20CT-48 | 9.92 | 48.18 | | 8.65 | 60.88 | C4-T-48 | C4-T-42 | C5-20CT-48-09 | 10.39 | 47.84 | | 8.65 | 68.39 | C5-T-48-09 | C5-T-42-09 |
| 54 | C4-20CT-54 | 10.66 | 54.42 | 9.40 | 67.33 | C4-T-54 | C4-T-48 | C5-20CT-54-09 | 11.13 | 54.07 | 9.4 | 75.69 | C5-T-54-09 | C5-T-48-09 | | |
| 60 | C4-20CT-60 | 11.39 | 60.41 | 10.12 | 73.67 | C4-T-60 | C4-T-54 | C5-20CT-60-09 | 11.86 | 60.07 | 10.12 | 82.84 | C5-T-60-09 | C5-T-54-09 | | |

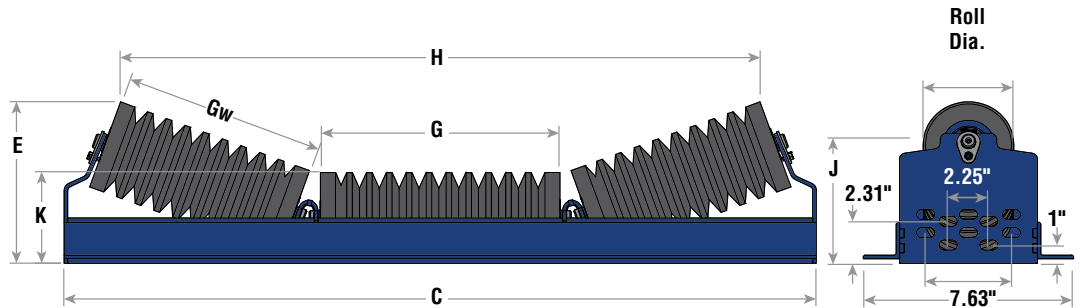
| Belt Width | Standard Dimensions | | |
|------------|---------------------|-------|-------|
| | C | G | GW |
| 18 | 23.63 | 6.75 | 5.44 |
| 24 | 29.63 | 8.94 | 7.63 |
| 30 | 35.63 | 11.13 | 8.94 |
| 36 | 41.63 | 13.25 | 11.13 |
| 42 | 47.63 | 15.44 | 13.25 |
| 48 | 53.63 | 17.63 | 15.44 |
| 54 | 59.63 | 19.75 | 17.63 |
| 60 | 65.63 | 21.75 | 19.75 |



35° Steel Channel Inset Idlers

| Belt Width | 4" Roll Diameter | | | | | | | 5" Roll Diameter | | | | | | | | |
|------------|------------------|-------|-------|-------|-------|---------|------------------|------------------|---------------|-------|-------|-------|------------|------------|------------------|------------|
| | Part Number | E | H | K | J | Wt. | Replacement Roll | | Part Number | E | H | K | J | Wt. | Replacement Roll | |
| | | | | | | | Center Roll | Wing Roll | | | | | | | Center Roll | Wing Roll |
| 18 | C4-35CT-18 | 7.81 | 17.41 | 4.5 | 6.89 | 31.67 | C4-T-18 | C4-T-14 | C5-35CT-18-09 | 8.19 | 16.88 | 5 | 6.89 | 35.16 | C5-T-18-09 | C5-T-14-09 |
| 24 | C4-35CT-24 | 9.61 | 23.18 | | 8.14 | 38.87 | C4-T-24 | C4-T-20 | C5-35CT-24-09 | 9.44 | 22.66 | | 8.14 | 43.22 | C5-T-24-09 | C5-T-20-09 |
| 30 | C4-35CT-30 | 9.82 | 27.52 | | 8.89 | 44.69 | C4-T-30 | C4-T-24 | C5-35CT-30-09 | 10.19 | 26.99 | | 8.89 | 49.66 | C5-T-30-09 | C5-T-24-09 |
| 36 | C4-35CT-36 | 11.08 | 33.23 | | 10.15 | 51.86 | C4-T-36 | C4-T-30 | C5-35CT-36-09 | 11.45 | 32.70 | | 10.15 | 57.68 | C5-T-36-09 | C5-T-30-09 |
| 42 | C4-35CT-42 | 12.30 | 38.90 | | 11.37 | 58.96 | C4-T-42 | C4-T-36 | C5-35CT-42-09 | 12.67 | 38.37 | | 11.37 | 65.62 | C5-T-42-09 | C5-T-36-09 |
| 48 | C4-35CT-48 | 13.55 | 44.67 | | 12.62 | 66.16 | C4-T-48 | C4-T-42 | C5-35CT-48-09 | 13.92 | 44.14 | | 12.62 | 73.67 | C5-T-48-09 | C5-T-42-09 |
| 54 | C4-35CT-54 | 14.80 | 50.38 | 13.88 | 73.33 | C4-T-54 | C4-T-48 | C5-35CT-54-09 | 15.18 | 49.85 | 13.88 | 81.68 | C5-T-54-09 | C5-T-48-09 | | |
| 60 | C4-35CT-60 | 16.02 | 55.86 | 15.09 | 80.33 | C4-T-60 | C4-T-54 | C5-35CT-60-09 | 16.40 | 55.33 | 15.09 | 89.50 | C5-T-60-09 | C5-T-54-09 | | |

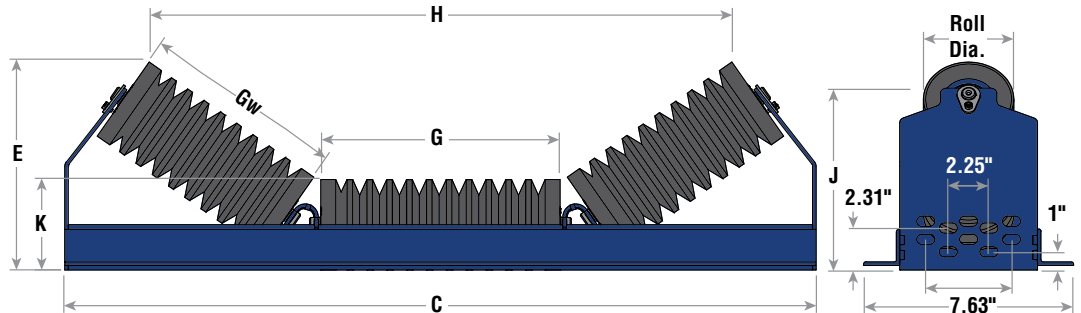
| Belt Width | Standard Dimensions | | |
|------------|---------------------|-------|-------|
| | C | G | GW |
| 18 | 23.63 | 6.75 | 5.44 |
| 24 | 29.63 | 8.94 | 7.63 |
| 30 | 35.63 | 11.13 | 8.94 |
| 36 | 41.63 | 13.25 | 11.13 |
| 42 | 47.63 | 15.44 | 13.25 |
| 48 | 53.63 | 17.63 | 15.44 |
| 54 | 59.63 | 19.75 | 17.63 |
| 60 | 65.63 | 21.75 | 19.75 |



20° Impact Channel Inset Idlers

| Belt Width | 4" Roll Diameter | | | | | | | 5" Roll Diameter | | | | | | | | |
|------------|------------------|-------|-------|-----|-------|--------|------------------|------------------|-------------|-------|-------|---|-------|--------|------------------|-----------|
| | Part Number | E | H | K | J | Wt. | Replacement Roll | | Part Number | E | H | K | J | Wt. | Replacement Roll | |
| | | | | | | | Center Roll | Wing Roll | | | | | | | Center Roll | Wing Roll |
| 18 | C4-20CTI-18 | 6.50 | 18.51 | 4.5 | 5.23 | 39.89 | C4-TI-18 | C4-TI-14 | C5-20CTI-18 | 6.97 | 18.17 | 5 | 5.23 | 40.86 | C5-TI-18 | C5-TI-14 |
| 24 | C4-20CTI-24 | 7.24 | 24.81 | | 5.98 | 48.13 | C4-TI-24 | C4-TI-20 | C5-20CTI-24 | 7.71 | 24.47 | | 5.98 | 51.85 | C5-TI-24 | C5-TI-20 |
| 30 | C4-20CTI-30 | 7.69 | 29.46 | | 6.43 | 56.41 | C4-TI-30 | C4-TI-24 | C5-20CTI-30 | 8.16 | 29.12 | | 6.43 | 61.21 | C5-TI-30 | C5-TI-24 |
| 36 | C4-20CTI-36 | 8.44 | 35.70 | | 7.17 | 66.62 | C4-TI-36 | C4-TI-30 | C5-20CTI-36 | 8.91 | 35.36 | | 7.17 | 71.74 | C5-TI-36 | C5-TI-30 |
| 42 | C4-20CTI-42 | 9.17 | 41.88 | | 7.90 | 76.47 | C4-TI-42 | C4-TI-36 | C5-20CTI-42 | 9.64 | 41.54 | | 7.90 | 82.88 | C5-TI-42 | C5-TI-36 |
| 48 | C4-20CTI-48 | 9.92 | 48.18 | | 8.65 | 86.48 | C4-TI-48 | C4-TI-42 | C5-20CTI-48 | 10.39 | 47.84 | | 8.65 | 93.69 | C5-TI-48 | C5-TI-42 |
| 54 | C4-20CTI-54 | 10.66 | 54.42 | | 9.40 | 96.41 | C4-TI-54 | C4-TI-48 | C5-20CTI-54 | 11.13 | 54.07 | | 9.40 | 104.93 | C5-TI-54 | C5-TI-48 |
| 60 | C4-20CTI-60 | 11.39 | 60.41 | | 10.12 | 106.08 | C4-TI-60 | C4-TI-54 | C5-20CTI-60 | 11.86 | 60.07 | | 10.12 | 115.36 | C5-TI-60 | C5-TI-54 |

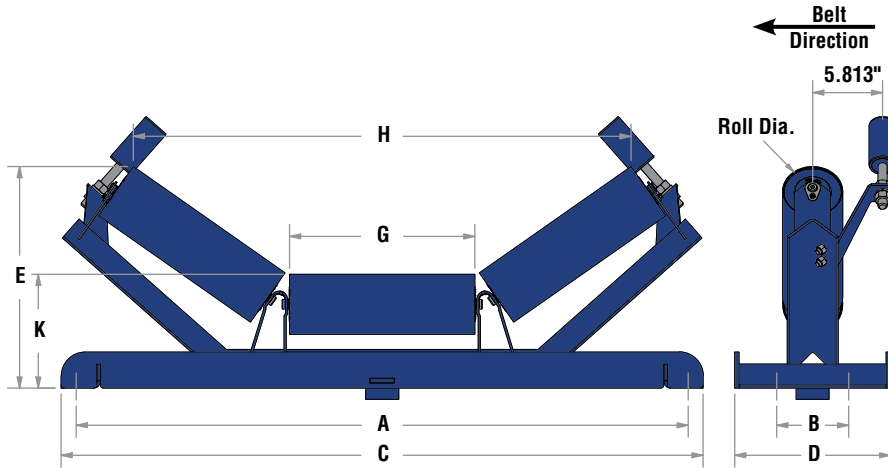
| Belt Width | Standard Dimensions | | |
|------------|---------------------|-------|-------|
| | C | G | GW |
| 18 | 23.63 | 6.75 | 5.44 |
| 24 | 29.63 | 8.94 | 7.63 |
| 30 | 35.63 | 11.13 | 8.94 |
| 36 | 41.63 | 13.25 | 11.13 |
| 42 | 47.63 | 15.44 | 13.25 |
| 48 | 53.63 | 17.63 | 15.44 |
| 54 | 59.63 | 19.75 | 17.63 |
| 60 | 65.63 | 21.75 | 19.75 |



35° Impact Channel Inset Idlers

| Belt Width | 4" Roll Diameter | | | | | | | 5" Roll Diameter | | | | | | | | |
|------------|------------------|-------|-------|-----|-------|--------|------------------|------------------|-------------|-------|-------|---|-------|--------|------------------|-----------|
| | Part Number | E | H | K | J | Wt. | Replacement Roll | | Part Number | E | H | K | J | Wt. | Replacement Roll | |
| | | | | | | | Center Roll | Wing Roll | | | | | | | Center Roll | Wing Roll |
| 18 | C4-35CTI-18 | 7.81 | 17.41 | 4.5 | 6.89 | 43.15 | C4-TI-18 | C4-TI-14 | C5-35CTI-18 | 8.19 | 16.88 | 5 | 6.89 | 44.12 | C5-TI-18 | C5-TI-14 |
| 24 | C4-35CTI-24 | 9.61 | 23.18 | | 8.14 | 53.79 | C4-TI-24 | C4-TI-20 | C5-35CTI-24 | 9.44 | 22.66 | | 8.14 | 57.51 | C5-TI-24 | C5-TI-20 |
| 30 | C4-35CTI-30 | 9.82 | 27.52 | | 8.89 | 62.73 | C4-TI-30 | C4-TI-24 | C5-35CTI-30 | 10.19 | 26.99 | | 8.89 | 67.51 | C5-TI-30 | C5-TI-24 |
| 36 | C4-35CTI-36 | 11.08 | 33.23 | | 10.15 | 74.36 | C4-TI-36 | C4-TI-30 | C5-35CTI-36 | 11.45 | 32.70 | | 10.15 | 79.48 | C5-TI-36 | C5-TI-30 |
| 42 | C4-35CTI-42 | 12.30 | 38.90 | | 11.37 | 85.59 | C4-TI-42 | C4-TI-36 | C5-35CTI-42 | 12.67 | 38.37 | | 11.37 | 92.02 | C5-TI-42 | C5-TI-36 |
| 48 | C4-35CTI-48 | 13.55 | 44.67 | | 12.62 | 97.04 | C4-TI-48 | C4-TI-42 | C5-35CTI-48 | 13.92 | 44.14 | | 12.62 | 104.25 | C5-TI-48 | C5-TI-42 |
| 54 | C4-35CTI-54 | 14.80 | 50.38 | | 13.88 | 108.41 | C4-TI-54 | C4-TI-48 | C5-35CTI-54 | 15.18 | 49.85 | | 13.88 | 116.91 | C5-TI-54 | C5-TI-48 |
| 60 | C4-35CTI-60 | 16.02 | 55.86 | | 15.09 | 119.40 | C4-TI-60 | C4-TI-54 | C5-35CTI-60 | 16.40 | 55.33 | | 15.09 | 128.68 | C5-TI-60 | C5-TI-54 |

CEMA C Equal Steel Idler Self-Aligners



| Belt Width | Standard Dimensions | | | | | Wide Base | |
|------------|---------------------|------|------|----|-------|-----------|------|
| | A | B | C | D | G | Aw* | Cw* |
| 18 | 27 | 3.69 | 29.5 | 13 | 6.75 | 33 | 31.5 |
| 20 | 29 | 3.69 | 31.5 | 13 | 7.63 | 35 | 35.5 |
| 24 | 33 | 3.69 | 35.5 | 13 | 8.94 | 39 | 41.5 |
| 30 | 39 | 3.69 | 41.5 | 13 | 11.13 | 45 | 47.5 |
| 36 | 45 | 3.69 | 47.5 | 13 | 13.25 | 51 | 53.5 |
| 42 | 51 | 3.69 | 53.5 | 13 | 15.44 | 57 | 59.5 |
| 48 | 57 | 3.69 | 59.5 | 13 | 17.63 | 63 | 65.5 |
| 54 | 63 | 3.69 | 65.5 | 13 | 19.75 | 69 | 71.5 |
| 60 | 69 | 3.69 | 71.5 | 13 | 21.75 | 75 | 77.5 |

*Dimension not shown; for wide base.

20° Equal Steel Idler Self-Aligners

| 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 | 11.44 | 21.00 | 9 | 82 | C4-T-18 | C5-20TSA-18-09 | 11.94 | 20.63 | 9.5 | 87 | C5-T-18-09 |
| 20 | C4-20TSA-20 | 11.75 | 23.50 | 9 | 87 | C4-T-20 | C5-20TSA-20-09 | 12.25 | 23.13 | 9.5 | 92 | C5-T-20-09 |
| 24 | C4-20TSA-24 | 12.19 | 27.25 | 9 | 93 | C4-T-24 | C5-20TSA-24-09 | 12.69 | 26.94 | 9.5 | 99 | C5-T-24-09 |
| 30 | C4-20TSA-30 | 12.94 | 33.56 | 9 | 104 | C4-T-30 | C5-20TSA-30-09 | 13.44 | 33.25 | 9.5 | 111 | C5-T-30-09 |
| 36 | C4-20TSA-36 | 13.69 | 39.69 | 9 | 114 | C4-T-36 | C5-20TSA-36-09 | 14.13 | 39.31 | 9.5 | 122 | C5-T-36-09 |
| 42 | C4-20TSA-42 | 14.44 | 46.00 | 9 | 125 | C4-T-42 | C5-20TSA-42-09 | 14.88 | 45.63 | 9.5 | 134 | C5-T-42-09 |
| 48 | C4-20TSA-48 | 15.19 | 52.25 | 9 | 136 | C4-T-48 | C5-20TSA-48-09 | 15.63 | 51.94 | 9.5 | 146 | C5-T-48-09 |
| 54 | C4-20TSA-54 | 15.88 | 58.38 | 9 | 146 | C4-T-54 | C5-20TSA-54-09 | 16.38 | 58.06 | 9.5 | 157 | C5-T-54-09 |
| 60 | C4-20TSA-60 | 16.56 | 64.13 | 9 | 157 | C4-T-60 | C5-20TSA-60-09 | 17.06 | 63.81 | 9.5 | 168 | C5-T-60-09 |

| Belt Width | 6" Roll Diameter | | | | | |
|------------|------------------|-------|-------|----|-----|------------------|
| | Part Number | E | H | K | Wt. | Replacement Roll |
| 18 | C6-20TSA-18-09 | 12.38 | 20.25 | 10 | 91 | C6-T-18-09 |
| 20 | C6-20TSA-20-09 | 12.69 | 22.81 | 10 | 96 | C6-T-20-09 |
| 24 | C6-20TSA-24-09 | 13.13 | 26.56 | 10 | 104 | C6-T-24-09 |
| 30 | C6-20TSA-30-09 | 13.88 | 32.88 | 10 | 116 | C6-T-30-09 |
| 36 | C6-20TSA-36-09 | 14.63 | 39.00 | 10 | 129 | C6-T-36-09 |
| 42 | C6-20TSA-42-09 | 15.38 | 45.31 | 10 | 141 | C6-T-42-09 |
| 48 | C6-20TSA-48-09 | 16.13 | 51.56 | 10 | 154 | C6-T-48-09 |
| 54 | C6-20TSA-54-09 | 16.81 | 57.69 | 10 | 166 | C6-T-54-09 |
| 60 | C6-20TSA-60-09 | 17.50 | 63.44 | 10 | 178 | C6-T-60-09 |

Note: Guide rolls and accessories included, can also be sold separately (N-67).

Shoe-Type Self-Aligner Available For Reversing Belts



CEMA C Equal Steel Idler Self-Aligners

35° Equal Steel Idler Self-Aligners

| 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 | 13.06 | 19.13 | 9 | 84 | C4-T-18 | C5-35TSA-18-09 | 13.44 | 18.56 | 9.5 | 89 | C5-T-18-09 |
| 20 | C4-35TSA-20 | 13.56 | 21.44 | 9 | 89 | C4-T-20 | C5-35TSA-20-09 | 13.94 | 20.88 | 9.5 | 94 | C5-T-20-09 |
| 24 | C4-35TSA-24 | 14.31 | 24.94 | 9 | 95 | C4-T-24 | C5-35TSA-24-09 | 14.69 | 24.31 | 9.5 | 101 | C5-T-24-09 |
| 30 | C4-35TSA-30 | 15.56 | 30.69 | 9 | 106 | C4-T-30 | C5-35TSA-30-09 | 16.00 | 30.13 | 9.5 | 113 | C5-T-30-09 |
| 36 | C4-35TSA-36 | 16.81 | 36.31 | 9 | 117 | C4-T-36 | C5-35TSA-36-09 | 17.19 | 35.69 | 9.5 | 124 | C5-T-36-09 |
| 42 | C4-35TSA-42 | 18.06 | 42.06 | 9 | 127 | C4-T-42 | C5-35TSA-42-09 | 18.44 | 41.50 | 9.5 | 136 | C5-T-42-09 |
| 48 | C4-35TSA-48 | 19.31 | 47.81 | 9 | 138 | C4-T-48 | C5-35TSA-48-09 | 19.69 | 47.25 | 9.5 | 148 | C5-T-48-09 |
| 54 | C4-35TSA-54 | 20.50 | 53.44 | 9 | 148 | C4-T-54 | C5-35TSA-54-09 | 20.98 | 52.88 | 9.5 | 159 | C5-T-54-09 |
| 60 | C4-35TSA-60 | 21.69 | 58.69 | 9 | 158 | C4-T-60 | C5-35TSA-60-09 | 22.06 | 58.13 | 9.5 | 170 | C5-T-60-09 |

| Belt Width | 6" Roll Diameter | | | | | Replacement Roll |
|------------|------------------|-------|-------|----|-----|------------------|
| | Part Number | E | H | K | Wt. | |
| 18 | C6-35TSA-18-09 | 13.88 | 18.00 | 10 | 93 | C6-T-18-09 |
| 20 | C6-35TSA-20-09 | 14.38 | 20.31 | 10 | 98 | C6-T-20-09 |
| 24 | C6-35TSA-24-09 | 15.13 | 23.75 | 10 | 106 | C6-T-24-09 |
| 30 | C6-35TSA-30-09 | 16.38 | 29.50 | 10 | 119 | C6-T-30-09 |
| 36 | C6-35TSA-36-09 | 17.63 | 35.13 | 10 | 131 | C6-T-36-09 |
| 42 | C6-35TSA-42-09 | 18.88 | 40.94 | 10 | 144 | C6-T-42-09 |
| 48 | C6-35TSA-48-09 | 20.13 | 46.69 | 10 | 156 | C6-T-48-09 |
| 54 | C6-35TSA-54-09 | 21.31 | 52.31 | 10 | 168 | C6-T-54-09 |
| 60 | C6-35TSA-60-09 | 22.50 | 57.56 | 10 | 180 | C6-T-60-09 |

45° Equal Steel Idler Self-Aligners

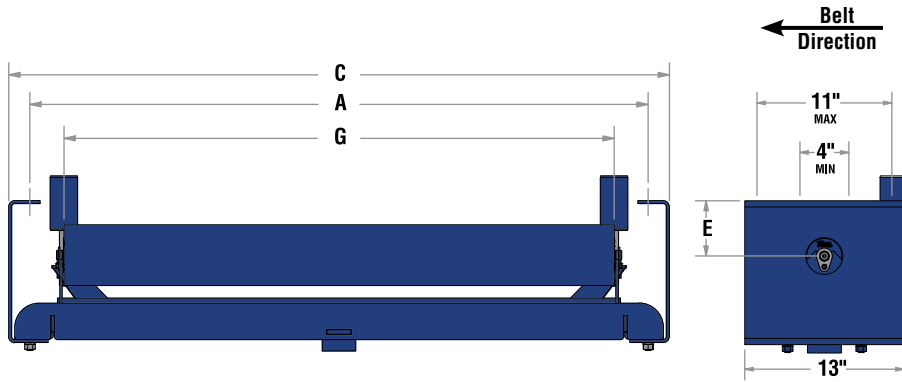
| Belt Width | 4" Roll Diameter | | | | | Replacement Roll | 5" Roll Diameter | | | | | Replacement Roll |
|------------|------------------|-------|-------|---|-----|------------------|------------------|-------|-------|-----|-----|------------------|
| | Part Number | E | H | K | Wt. | | Part Number | E | H | K | Wt. | |
| 18 | C4-45TSA-18 | 14.13 | 17.94 | 9 | 86 | C4-T-18 | C5-45TSA-18-09 | 14.44 | 17.25 | 9.5 | 91 | C5-T-18-09 |
| 20 | C4-45TSA-20 | 14.69 | 20.06 | 9 | 90 | C4-T-20 | C5-45TSA-20-09 | 15.06 | 19.31 | 9.5 | 95 | C5-T-20-09 |
| 24 | C4-45TSA-24 | 15.63 | 23.25 | 9 | 97 | C4-T-24 | C5-45TSA-24-09 | 16.00 | 22.50 | 9.5 | 102 | C5-T-24-09 |
| 30 | C4-45TSA-30 | 17.19 | 28.50 | 9 | 108 | C4-T-30 | C5-45TSA-30-09 | 17.56 | 27.75 | 9.5 | 114 | C5-T-30-09 |
| 36 | C4-45TSA-36 | 18.69 | 33.63 | 9 | 118 | C4-T-36 | C5-45TSA-36-09 | 19.06 | 32.94 | 9.5 | 126 | C5-T-36-09 |
| 42 | C4-45TSA-42 | 20.25 | 38.94 | 9 | 129 | C4-T-42 | C5-45TSA-42-09 | 20.63 | 38.25 | 9.5 | 137 | C5-T-42-09 |
| 48 | C4-45TSA-48 | 21.75 | 44.19 | 9 | 139 | C4-T-48 | C5-45TSA-48-09 | 22.13 | 43.50 | 9.5 | 149 | C5-T-48-09 |
| 54 | C4-45TSA-54 | 23.25 | 49.31 | 9 | 150 | C4-T-54 | C5-45TSA-54-09 | 23.63 | 48.63 | 9.5 | 161 | C5-T-54-09 |
| 60 | C4-45TSA-60 | 24.69 | 54.13 | 9 | 160 | C4-T-60 | C5-45TSA-60-09 | 25.06 | 53.38 | 9.5 | 172 | C5-T-60-09 |

| Belt Width | 6" Roll Diameter | | | | | Replacement Roll |
|------------|------------------|-------|-------|----|-----|------------------|
| | Part Number | E | H | K | Wt. | |
| 18 | C6-45TSA-18-09 | 14.81 | 16.50 | 10 | 95 | C6-T-18-09 |
| 20 | C6-45TSA-20-09 | 15.44 | 18.63 | 10 | 99 | C6-T-20-09 |
| 24 | C6-45TSA-24-09 | 16.31 | 21.81 | 10 | 107 | C6-T-24-09 |
| 30 | C6-45TSA-30-09 | 17.88 | 27.06 | 10 | 120 | C6-T-30-09 |
| 36 | C6-45TSA-36-09 | 19.38 | 32.25 | 10 | 133 | C6-T-36-09 |
| 42 | C6-45TSA-42-09 | 20.94 | 37.50 | 10 | 145 | C6-T-42-09 |
| 48 | C6-45TSA-48-09 | 22.50 | 42.75 | 10 | 158 | C6-T-48-09 |
| 54 | C6-45TSA-54-09 | 24.00 | 47.94 | 10 | 170 | C6-T-54-09 |
| 60 | C6-45TSA-60-09 | 25.44 | 52.75 | 10 | 182 | C6-T-60-09 |

Note: Guide rolls and accessories included, can also be sold separately (N-67).

Shoe-Type Self-Aligner Available For Reversing Belts

CEMA C Steel Return Self-Aligners



| Belt Width | Standard Dimensions | | | Wide Base | |
|------------|---------------------|------|-------|-----------|------|
| | A | C | G | Aw* | Cw* |
| 18 | 27 | 30.5 | 21.38 | 33 | 32.5 |
| 20 | 29 | 32.5 | 23.38 | 35 | 36.5 |
| 24 | 33 | 36.5 | 27.38 | 39 | 42.5 |
| 30 | 39 | 42.5 | 33.38 | 45 | 48.5 |
| 36 | 45 | 48.5 | 39.38 | 51 | 54.5 |
| 42 | 51 | 54.5 | 45.38 | 57 | 60.5 |
| 48 | 57 | 60.5 | 51.38 | 63 | 66.5 |
| 54 | 63 | 66.5 | 57.38 | 69 | 72.5 |
| 60 | 69 | 72.5 | 63.38 | 75 | 78.5 |

*Dimension not shown; for wide base.

Steel 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 | 98 | C4-R-18 | C5-RSA1-18-09 | 103 | C5-R-18-09 | C6-RSA1-18-09 | 107 | C6-R-18-09 |
| 20 | C4-RSA1-20 | 101 | C4-R-20 | C5-RSA1-20-09 | 107 | C5-R-20-09 | C6-RSA1-20-09 | 111 | C6-R-20-09 |
| 24 | C4-RSA1-24 | 108 | C4-R-24 | C5-RSA1-24-09 | 114 | C5-R-24-09 | C6-RSA1-24-09 | 118 | C6-R-24-09 |
| 30 | C4-RSA1-30 | 118 | C4-R-30 | C5-RSA1-30-09 | 126 | C5-R-30-09 | C6-RSA1-30-09 | 131 | C6-R-30-09 |
| 36 | C4-RSA1-36 | 127 | C4-R-36 | C5-RSA1-36-09 | 137 | C5-R-36-09 | C6-RSA1-36-09 | 142 | C6-R-36-09 |
| 42 | C4-RSA1-42 | 137 | C4-R-42 | C5-RSA1-42-09 | 148 | C5-R-42-09 | C6-RSA1-42-09 | 154 | C6-R-42-09 |
| 48 | C4-RSA1-48 | 147 | C4-R-48 | C5-RSA1-48-09 | 159 | C5-R-48-09 | C6-RSA1-48-09 | 166 | C6-R-48-09 |
| *54 | C4-RSA1-54 | 157 | C4-R-54 | C5-RSA1-54-09 | 170 | C5-R-54-09 | C6-RSA1-54-09 | 178 | C6-R-54-09 |
| *60 | C4-RSA1-60 | 167 | C4-R-60 | C5-RSA1-60-09 | 181 | C5-R-60-09 | C6-RSA1-60-09 | 190 | C6-R-60-09 |

Steel 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 | 103 | C4-R-18 | C5-RSA4-18-09 | 108 | C5-R-18-09 | C6-RSA4-18-09 | 111 | C6-R-18-09 |
| 20 | C4-RSA4-20 | 106 | C4-R-20 | C5-RSA4-20-09 | 112 | C5-R-20-09 | C6-RSA4-20-09 | 115 | C6-R-20-09 |
| 24 | C4-RSA4-24 | 112 | C4-R-24 | C5-RSA4-24-09 | 119 | C5-R-24-09 | C6-RSA4-24-09 | 123 | C6-R-24-09 |
| 30 | C4-RSA4-30 | 122 | C4-R-30 | C5-RSA4-30-09 | 130 | C5-R-30-09 | C6-RSA4-30-09 | 135 | C6-R-30-09 |
| 36 | C4-RSA4-36 | 132 | C4-R-36 | C5-RSA4-36-09 | 142 | C5-R-36-09 | C6-RSA4-36-09 | 147 | C6-R-36-09 |
| 42 | C4-RSA4-42 | 142 | C4-R-42 | C5-RSA4-42-09 | 153 | C5-R-42-09 | C6-RSA4-42-09 | 159 | C6-R-42-09 |
| 48 | C4-RSA4-48 | 152 | C4-R-48 | C5-RSA4-48-09 | 164 | C5-R-48-09 | C6-RSA4-48-09 | 171 | C6-R-48-09 |
| *54 | C4-RSA4-54 | 162 | C4-R-54 | C5-RSA4-54-09 | 175 | C5-R-54-09 | C6-RSA4-54-09 | 183 | C6-R-54-09 |
| *60 | C4-RSA4-60 | 172 | C4-R-60 | C5-RSA4-60-09 | 186 | C5-R-60-09 | C6-RSA4-60-09 | 195 | C6-R-60-09 |

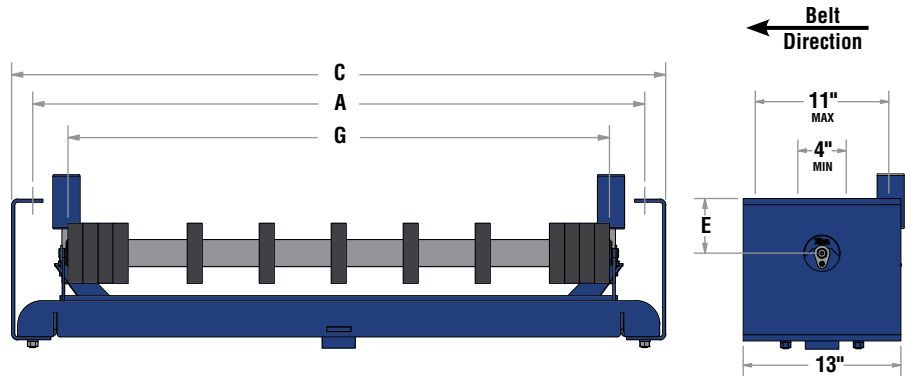
* CEMA recommends class D.

Note: Guide rolls and accessories included, can also be sold separately (N-67).

Shoe-Type Self-Aligner Available For Reversing Belts

| Belt Width | Standard Dimensions | | | Wide Base | |
|------------|---------------------|------|-------|-----------|------|
| | A | C | G | Aw* | Cw* |
| 18 | 27 | 30.5 | 21.13 | 33 | 36.5 |
| 20 | 29 | 32.5 | 23.13 | 35 | 38.5 |
| 24 | 33 | 36.5 | 27.13 | 39 | 42.5 |
| 30 | 39 | 42.5 | 33.13 | 45 | 48.5 |
| 36 | 45 | 48.5 | 39.13 | 51 | 54.5 |
| 42 | 51 | 54.5 | 45.13 | 57 | 60.5 |
| 48 | 57 | 60.5 | 51.13 | 63 | 66.5 |
| 54 | 63 | 66.5 | 57.13 | 69 | 72.5 |
| 60 | 69 | 72.5 | 63.13 | 75 | 78.5 |

*Dimension not shown; for wide base.



Rubber Disc 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-RRDSA1-18 | 100 | C4-RRD-18 | C5-RRDSA1-18 | 103 | C5-RRD-18 | C6-RRDSA1-18 | 106 | C6-RRD-18 |
| 20 | C4-RRDSA1-20 | 104 | C4-RRD-20 | C5-RRDSA1-20 | 106 | C5-RRD-20 | C6-RRDSA1-20 | 110 | C6-RRD-20 |
| 24 | C4-RRDSA1-24 | 111 | C4-RRD-24 | C5-RRDSA1-24 | 114 | C5-RRD-24 | C6-RRDSA1-24 | 117 | C6-RRD-24 |
| 30 | C4-RRDSA1-30 | 121 | C4-RRD-30 | C5-RRDSA1-30 | 124 | C5-RRD-30 | C6-RRDSA1-30 | 128 | C6-RRD-30 |
| 36 | C4-RRDSA1-36 | 131 | C4-RRD-36 | C5-RRDSA1-36 | 135 | C5-RRD-36 | C6-RRDSA1-36 | 139 | C6-RRD-36 |
| 42 | C4-RRDSA1-42 | 142 | C4-RRD-42 | C5-RRDSA1-42 | 146 | C5-RRD-42 | C6-RRDSA1-42 | 150 | C6-RRD-42 |
| 48 | C4-RRDSA1-48 | 152 | C4-RRD-48 | C5-RRDSA1-48 | 156 | C5-RRD-48 | C6-RRDSA1-48 | 161 | C6-RRD-48 |
| *54 | C4-RRDSA1-54 | 162 | C4-RRD-54 | C5-RRDSA1-54 | 167 | C5-RRD-54 | C6-RRDSA1-54 | 172 | C6-RRD-54 |
| *60 | C4-RRDSA1-60 | 173 | C4-RRD-60 | C5-RRDSA1-60 | 177 | C5-RRD-60 | C6-RRDSA1-60 | 183 | C6-RRD-60 |

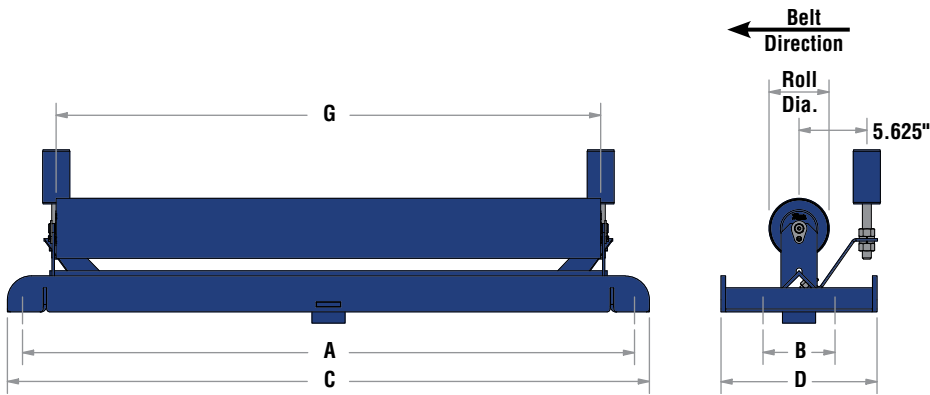
Rubber Disc Return Self-Aligners (E = 4.5")

| 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-RRDSA4-18 | 105 | C4-RRD-18 | C5-RRDSA4-18 | 108 | C5-RRD-18 | C6-RRDSA4-18 | 111 | C6-RRD-18 |
| 20 | C4-RRDSA4-20 | 108 | C4-RRD-20 | C5-RRDSA4-20 | 111 | C5-RRD-20 | C6-RRDSA4-20 | 114 | C6-RRD-20 |
| 24 | C4-RRDSA4-24 | 115 | C4-RRD-24 | C5-RRDSA4-24 | 118 | C5-RRD-24 | C6-RRDSA4-24 | 122 | C6-RRD-24 |
| 30 | C4-RRDSA4-30 | 126 | C4-RRD-30 | C5-RRDSA4-30 | 129 | C5-RRD-30 | C6-RRDSA4-30 | 133 | C6-RRD-30 |
| 36 | C4-RRDSA4-36 | 136 | C4-RRD-36 | C5-RRDSA4-36 | 140 | C5-RRD-36 | C6-RRDSA4-36 | 144 | C6-RRD-36 |
| 42 | C4-RRDSA4-42 | 146 | C4-RRD-42 | C5-RRDSA4-42 | 150 | C5-RRD-42 | C6-RRDSA4-42 | 155 | C6-RRD-42 |
| 48 | C4-RRDSA4-48 | 157 | C4-RRD-48 | C5-RRDSA4-48 | 161 | C5-RRD-48 | C6-RRDSA4-48 | 166 | C6-RRD-48 |
| *54 | C4-RRDSA4-54 | 167 | C4-RRD-54 | C5-RRDSA4-54 | 172 | C5-RRD-54 | C6-RRDSA4-54 | 177 | C6-RRD-54 |
| *60 | C4-RRDSA4-60 | 177 | C4-RRD-60 | C5-RRDSA4-60 | 182 | C5-RRD-60 | C6-RRDSA4-60 | 188 | C6-RRD-60 |

* CEMA recommends class D.

Note: Guide rolls and accessories included, can also be sold separately (N-67).

CEMA C Flat Carry Self-Aligners



| Belt Width | Standard Dimensions | | | | | Wide Base | |
|------------|---------------------|------|------|----|-------|-----------|------|
| | A | B | C | D | G | Aw* | Cw* |
| 18 | 27 | 3.69 | 29.5 | 13 | 21.38 | 33 | 35.5 |
| 20 | 29 | 3.69 | 31.5 | 13 | 23.38 | 35 | 37.5 |
| 24 | 33 | 3.69 | 35.5 | 13 | 27.38 | 39 | 41.5 |
| 30 | 39 | 3.69 | 41.5 | 13 | 33.38 | 45 | 47.5 |
| 36 | 45 | 3.69 | 47.5 | 13 | 39.38 | 51 | 53.5 |
| 42 | 51 | 3.69 | 53.5 | 13 | 45.38 | 57 | 59.5 |
| 48 | 57 | 3.69 | 59.5 | 13 | 51.38 | 63 | 65.5 |
| 54 | 63 | 3.69 | 65.5 | 13 | 57.38 | 69 | 71.5 |
| 60 | 69 | 3.69 | 71.5 | 13 | 63.38 | 75 | 77.5 |

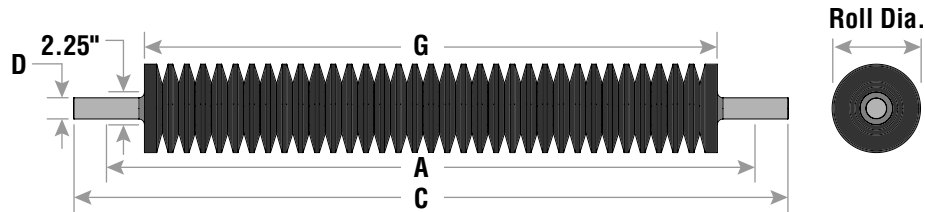
Steel Flat Carry Self-Aligners

| 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 | 75 | C4-R-18 | C5-FSA-18-09 | 78 | C5-R-18-09 | C6-FSA-18-09 | 81 | C6-R-18-09 |
| 20 | C4-FSA-20 | 78 | C4-R-20 | C5-FSA-20-09 | 82 | C5-R-20-09 | C6-FSA-20-09 | 85 | C6-R-20-09 |
| 24 | C4-FSA-24 | 85 | C4-R-24 | C5-FSA-24-09 | 89 | C5-R-24-09 | C6-FSA-24-09 | 93 | C6-R-24-09 |
| 30 | C4-FSA-30 | 95 | C4-R-30 | C5-FSA-30-09 | 100 | C5-R-30-09 | C6-FSA-30-09 | 105 | C6-R-30-09 |
| 36 | C4-FSA-36 | 106 | C4-R-36 | C5-FSA-36-09 | 111 | C5-R-36-09 | C6-FSA-36-09 | 117 | C6-R-36-09 |
| 42 | C4-FSA-42 | 116 | C4-R-42 | C5-FSA-42-09 | 122 | C5-R-42-09 | C6-FSA-42-09 | 129 | C6-R-42-09 |
| 48 | C4-FSA-48 | 126 | C4-R-48 | C5-FSA-48-09 | 134 | C5-R-48-09 | C6-FSA-48-09 | 141 | C6-R-48-09 |
| *54 | C4-FSA-54 | 137 | C4-R-54 | C5-FSA-54-09 | 145 | C5-R-54-09 | C6-FSA-54-09 | 153 | C6-R-54-09 |
| *60 | C4-FSA-60 | 147 | C4-R-60 | C5-FSA-60-09 | 156 | C5-R-60-09 | C6-FSA-60-09 | 165 | C6-R-60-09 |

* CEMA recommends class D.

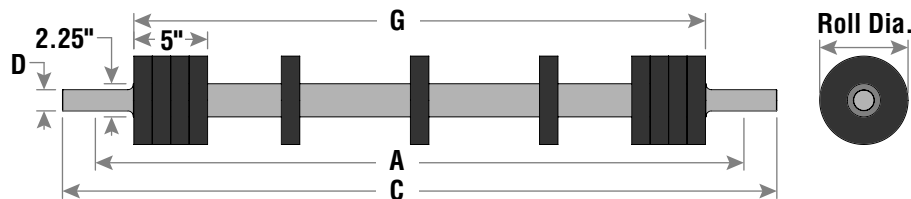
Note: Guide rolls and accessories included, can also be sold separately (N-67).

Shoe-Type Self-Aligner Available For Reversing Belts



Impact Live Shaft Roll

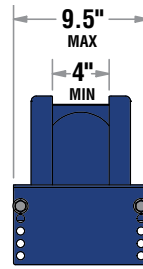
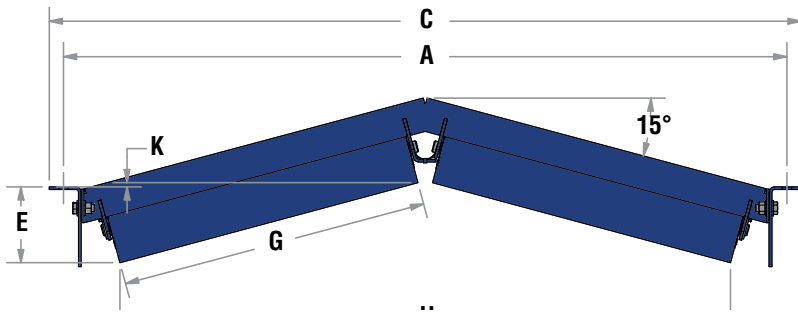
| Belt Width | Standard Dimensions | | | 5" Roll Diameter | | | | 6" Roll Diameter | | | |
|------------|---------------------|-------|-------|------------------|-----|-------------|-----|------------------|-----|-------------|-----|
| | | | | D = 1.44" | | D = 1.94" | | D = 1.44" | | D = 1.94" | |
| | A | C | G | Part Number | Wt. | Part Number | Wt. | Part Number | Wt. | Part Number | Wt. |
| 18 | 27 | 30.75 | 21.38 | C5-LI23-18 | 36 | C5-LI31-18 | 40 | C6-LI23-18 | 40 | C6-LI31-18 | 44 |
| 20 | 29 | 32.75 | 23.38 | C5-LI23-20 | 40 | C5-LI31-20 | 43 | C6-LI23-20 | 44 | C6-LI31-20 | 47 |
| 24 | 33 | 36.75 | 27.38 | C5-LI23-24 | 45 | C5-LI31-24 | 49 | C6-LI23-24 | 50 | C6-LI31-24 | 55 |
| 30 | 39 | 42.75 | 33.38 | C5-LI23-30 | 55 | C5-LI31-30 | 58 | C6-LI23-30 | 60 | C6-LI31-30 | 64 |
| 36 | 45 | 48.75 | 39.38 | C5-LI23-36 | 63 | C5-LI31-36 | 67 | C6-LI23-36 | 70 | C6-LI31-36 | 74 |
| 42 | 51 | 54.75 | 45.38 | C5-LI23-42 | 73 | C5-LI31-42 | 76 | C6-LI23-42 | 81 | C6-LI31-42 | 84 |
| 48 | 57 | 60.75 | 51.38 | C5-LI23-48 | 82 | C5-LI31-48 | 85 | C6-LI23-48 | 90 | C6-LI31-48 | 94 |
| 54 | 63 | 66.75 | 57.38 | C5-LI23-54 | 90 | C5-LI31-54 | 94 | C6-LI23-54 | 100 | C6-LI31-54 | 104 |
| 60 | 69 | 72.75 | 63.38 | C5-LI23-60 | 100 | C5-LI31-60 | 103 | C6-LI23-60 | 111 | C6-LI31-60 | 114 |



Rubber Disc Return Live Shaft Roll

| Belt Width | Standard Dimensions | | | 5" Roll Diameter | | | | 6" Roll Diameter | | | |
|------------|---------------------|-------|-------|------------------|-----|--------------|-----|------------------|-----|--------------|-----|
| | | | | D = 1.44" | | D = 1.94" | | D = 1.44" | | D = 1.94" | |
| | A | C | G | Part Number | Wt. | Part Number | Wt. | Part Number | Wt. | Part Number | Wt. |
| 18 | 27 | 30.75 | 21.38 | C5-LRRD23-18 | 34 | C5-LRRD31-18 | 38 | C6-LRRD23-18 | 37 | C6-LRRD31-18 | 41 |
| 20 | 29 | 32.75 | 23.38 | C5-LRRD23-20 | 36 | C5-LRRD31-20 | 40 | C6-LRRD23-20 | 40 | C6-LRRD31-20 | 43 |
| 24 | 33 | 36.75 | 27.38 | C5-LRRD23-24 | 42 | C5-LRRD31-24 | 45 | C6-LRRD23-24 | 45 | C6-LRRD31-24 | 49 |
| 30 | 39 | 42.75 | 33.38 | C5-LRRD23-30 | 49 | C5-LRRD31-30 | 53 | C6-LRRD23-30 | 53 | C6-LRRD31-30 | 57 |
| 36 | 45 | 48.75 | 39.38 | C5-LRRD23-36 | 56 | C5-LRRD31-36 | 60 | C6-LRRD23-36 | 61 | C6-LRRD31-36 | 60 |
| 42 | 51 | 54.75 | 45.38 | C5-LRRD23-42 | 64 | C5-LRRD31-42 | 67 | C6-LRRD23-42 | 68 | C6-LRRD31-42 | 72 |
| 48 | 57 | 60.75 | 51.38 | C5-LRRD23-48 | 71 | C5-LRRD31-48 | 75 | C6-LRRD23-48 | 76 | C6-LRRD31-48 | 80 |
| 54 | 63 | 66.75 | 57.38 | C5-LRRD23-54 | 79 | C5-LRRD31-54 | 82 | C6-LRRD23-54 | 84 | C6-LRRD31-54 | 88 |
| 60 | 69 | 72.75 | 63.38 | C5-LRRD23-60 | 86 | C5-LRRD31-60 | 90 | C6-LRRD23-60 | 92 | C6-LRRD31-60 | 95 |

CEMA C Steel Inverted V>Returns

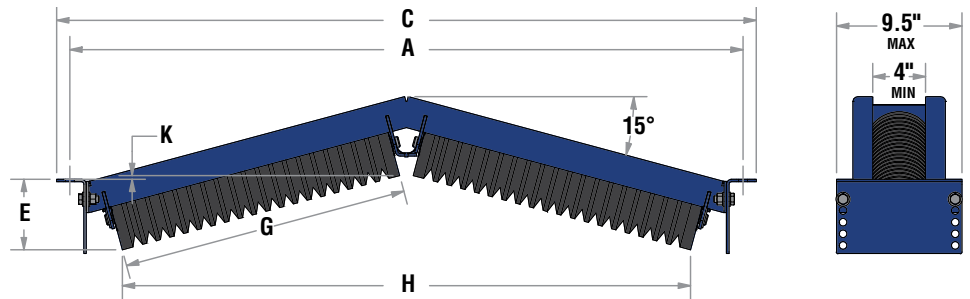


| Belt Width | Standard Dimensions | | |
|------------|---------------------|----|-------|
| | A | C | G |
| 18 | 27 | 29 | 8.94 |
| 24 | 33 | 35 | 13.25 |
| 30 | 39 | 41 | 15.44 |
| 36 | 45 | 47 | 17.63 |
| 42 | 51 | 53 | 21.75 |
| 48 | 57 | 59 | 23.38 |
| 54 | 63 | 65 | 27.38 |
| 60 | 69 | 71 | 30.88 |

Steel 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 | 5.19 | 18.25 | 2.88 | 42 | C5-T-24-09 | C6-15IV-18-09 | 5.63 | 18.00 | 3.31 | 45 | C6-T-24-09 |
| 24 | C5-15IV-24-09 | 5.50 | 26.63 | 2.00 | 51 | C5-T-36-09 | C6-15IV-24-09 | 6.00 | 26.38 | 2.50 | 55 | C6-T-36-09 |
| 30 | C5-15IV-30-09 | 5.25 | 30.94 | 1.25 | 57 | C5-T-42-09 | C6-15IV-30-09 | 5.75 | 30.63 | 1.75 | 62 | C6-T-42-09 |
| 36 | C5-15IV-36-09 | 5.00 | 35.00 | 0.44 | 63 | C5-T-48-09 | C6-15IV-36-09 | 5.50 | 34.81 | 0.94 | 68 | C6-T-48-09 |
| 42 | C5-15IV-42-09 | 5.25 | 43.00 | 0.38 | 72 | C5-T-60-09 | C6-15IV-42-09 | 5.75 | 42.75 | 0.13 | 78 | C6-T-60-09 |
| 48 | C5-15IV-48-09 | 4.88 | 46.19 | 1.13 | 76 | C5-R-20-09 | C6-15IV-48-09 | 5.38 | 45.94 | 0.69 | 84 | C6-R-20-09 |
| 54 | C5-15IV-54-09 | 5.13 | 53.94 | 2.00 | 85 | C5-R-24-09 | C6-15IV-54-09 | 5.63 | 53.69 | 1.50 | 93 | C6-R-24-09 |
| 60 | C5-15IV-60-09 | 5.25 | 60.69 | 2.75 | 93 | C5-IV-60-09 | C6-15IV-60-09 | 5.75 | 60.44 | 2.25 | 102 | C6-IV-60-09 |

| Belt Width | Standard Dimensions | | |
|------------|---------------------|----|-------|
| | A | C | G |
| 18 | 27 | 29 | 8.94 |
| 24 | 33 | 35 | 13.25 |
| 30 | 39 | 41 | 15.44 |
| 36 | 45 | 47 | 17.63 |
| 42 | 51 | 53 | 21.75 |
| 48 | 57 | 59 | 23.38 |
| 54 | 63 | 65 | 27.38 |
| 60 | 69 | 71 | 30.88 |



Rubber Disc Inverted 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 | 5.19 | 18.25 | 2.88 | 42 | C5-TI-24 | C6-15IVRD-18 | 5.63 | 18.00 | 3.31 | 45 | C6-TI-24 |
| 24 | C5-15IVRD-24 | 5.50 | 26.63 | 2.00 | 53 | C5-TI-36 | C6-15IVRD-24 | 6.00 | 26.38 | 2.50 | 57 | C6-TI-36 |
| 30 | C5-15IVRD-30 | 5.25 | 30.94 | 1.25 | 60 | C5-TI-42 | C6-15IVRD-30 | 5.75 | 30.63 | 1.75 | 65 | C6-TI-42 |
| 36 | C5-15IVRD-36 | 5.00 | 35.00 | 0.44 | 66 | C5-TI-48 | C6-15IVRD-36 | 5.50 | 34.81 | 0.94 | 72 | C6-TI-48 |
| 42 | C5-15IVRD-42 | 5.25 | 43.00 | 0.38 | 77 | C5-TI-60 | C6-15IVRD-42 | 5.75 | 42.75 | 0.13 | 84 | C6-TI-60 |
| 48 | C5-15IVRD-48 | 4.88 | 46.19 | 1.13 | 81 | C5-FRD-20 | C6-15IVRD-48 | 5.38 | 45.94 | 0.69 | 90 | C6-FRD-20 |
| 54 | C5-15IVRD-54 | 5.13 | 53.94 | 2.00 | 92 | C5-FRD-24 | C6-15IVRD-54 | 5.63 | 53.69 | 1.50 | 102 | C6-FRD-24 |
| 60 | C5-15IVRD-60 | 5.25 | 60.69 | 2.75 | 101 | C5-IVRD-60 | C6-15IVRD-60 | 5.75 | 60.44 | 2.25 | 113 | C6-IVRD-60 |

CEMA D Series Idler Features and Benefits



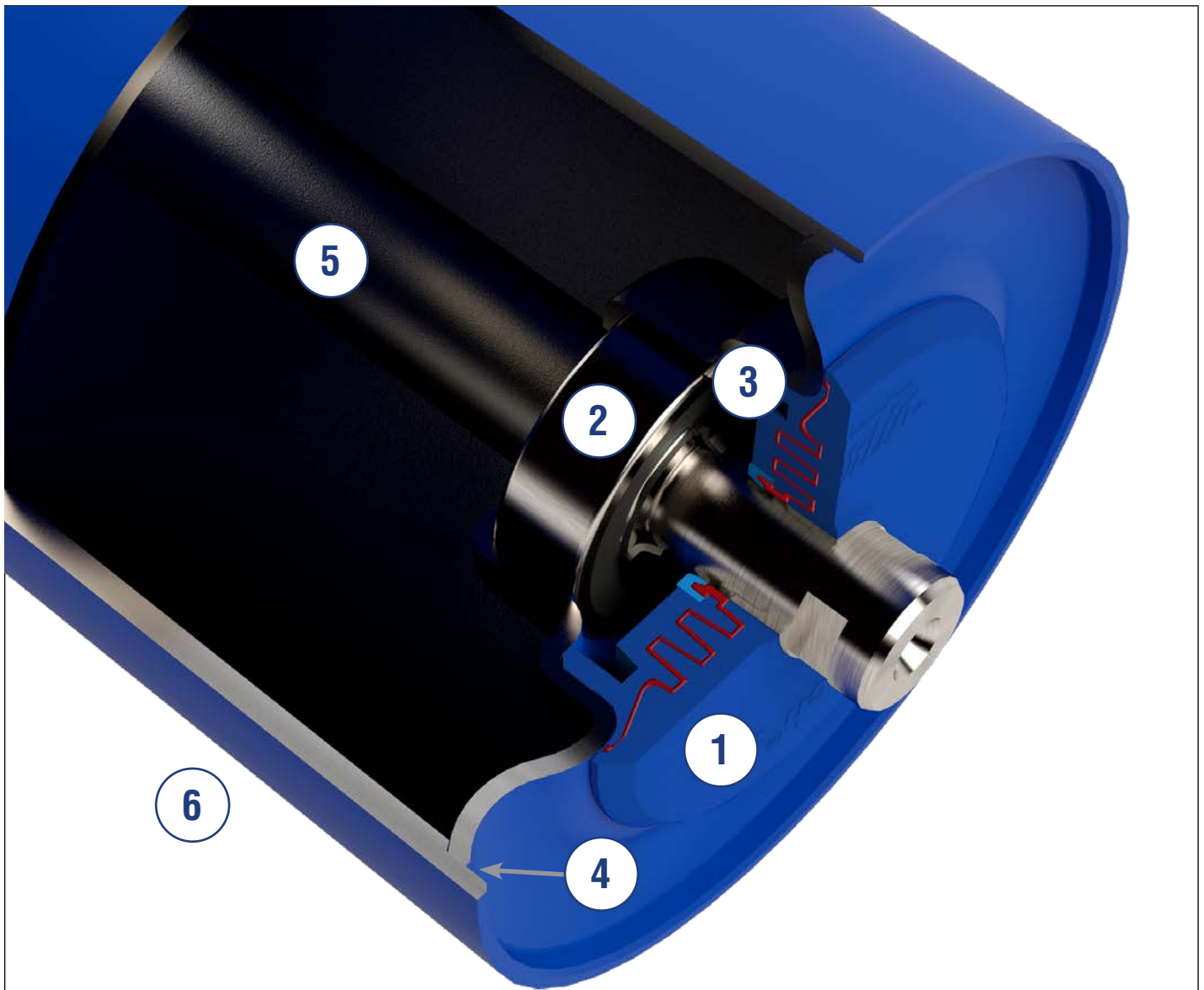
The D Series Idler sets a standard for the industry

- Manufactured using sealed for life ball bearings for long maintenance free operation
- Martin premium triple labyrinth seal guard bearing protection
- Conform to all CEMA D load and dimensional requirements
- Minimum 9 gauge tubing on all CEMA D rolls
- Protected roll weld
- Martin triple labyrinth seal guard offers a balance of seal performance and low rolling resistance

CEMA D Load Ratings

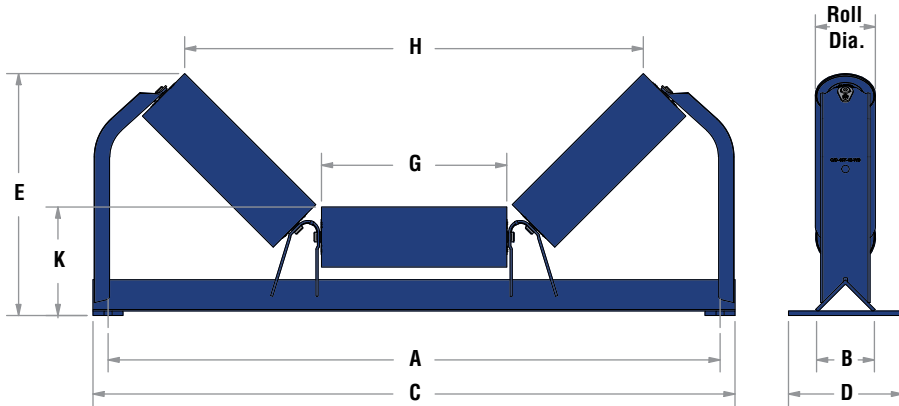
| Belt Width | Troughing Angle | | | Steel Return and Flat | Unequal (Picking) | Live Shaft |
|---------------------------|-----------------|-------|-------|-----------------------|-------------------|------------|
| | 20° | 35° | 45° | | | |
| 18 | 1,200 | 1,200 | 1,200 | 600 | – | – |
| 24 | 1,200 | 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 Steel V>Returns (All) | | | | 850 | – | – |





| | |
|---|---|
| 1 | <p>Martin triple labyrinth seal design offers the following exclusive Martin bearing protection</p> <ul style="list-style-type: none"> • External shield deters impurities from entering the bearing housing • Flinger design removes contaminants away from the bearing housing by centrifugal force • Grease is injected into the labyrinth chambers during manufacturing to add an additional layer of protection against bearing contamination • The contact lip seal adds an additional level of protection against moisture and fine particulate contaminants |
| 2 | CEMA D idlers have sealed for life ball bearings |
| 3 | Martin CEMA D idlers offer low rolling resistance that allows for lower operating cost |
| 4 | Recessed and protected bearing housing weld protects against wear from belt |
| 5 | Oversized, solid steel shaft machined to 25 mm for bearings |
| 6 | Martin idlers have low TIR |
| 7 | CEMA D idlers standard product line is 24" to 72" belt widths |

CEMA D Equal Steel Idlers



| 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 Steel Idlers

| 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 | 11.75 | 26.94 | 8.5 | 54 | D5-T-24-09 | D6-20T-24-09 | 12.19 | 26.63 | 9 | 59 | D6-T-24-09 |
| 30 | D5-20T-30-09 | 12.63 | 33.25 | 8.63 | 64 | D5-T-30-09 | D6-20T-30-09 | 13.06 | 32.88 | 9.13 | 70 | D6-T-30-09 |
| 36 | D5-20T-36-09 | 13.31 | 39.31 | 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 | 14.44 | 45.63 | 9 | 83 | D5-T-42-09 | D6-20T-42-09 | 14.94 | 45.31 | 9.5 | 90 | D6-T-42-09 |
| 48 | D5-20T-48-09 | 15.25 | 51.94 | 9 | 91 | D5-T-48-09 | D6-20T-48-09 | 15.68 | 51.63 | 9.5 | 99 | D6-T-48-09 |
| 54 | D5-20T-54-09 | 15.94 | 58.06 | 9 | 112 | D5-T-54-09 | D6-20T-54-09 | 16.44 | 57.75 | 9.5 | 121 | D6-T-54-09 |
| 60 | D5-20T-60-09 | 16.94 | 63.81 | 9.38 | 120 | D5-T-60-09 | D6-20T-60-09 | 17.44 | 63.5 | 9.88 | 130 | D6-T-60-09 |
| 72 | D5-20T-72-09 | 18.39 | 76.06 | 9.38 | 139 | D5-T-72-09 | D6-20T-72-09 | 18.88 | 75.68 | 9.88 | 151 | D6-T-72-09 |

35° Equal Steel Idlers

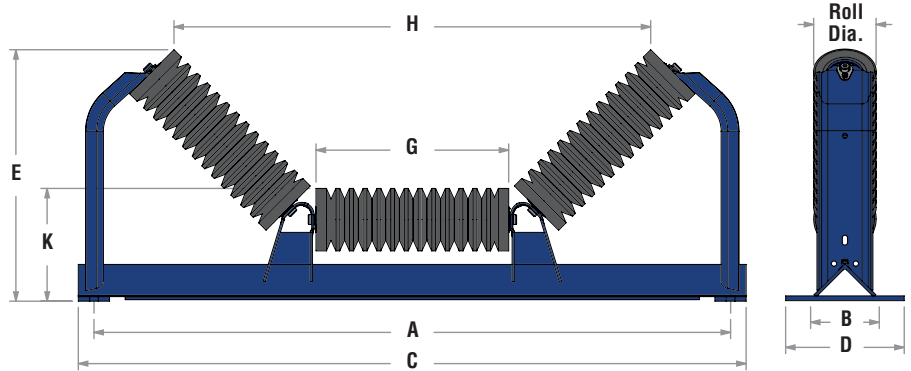
| Belt Width | 5" Roll Diameter | | | | | | 6" Roll Diameter | | | | | |
|------------|------------------|-------|-------|------|-----|------------------|------------------|-------|-------|------|-----|------------------|
| | Part Number | E | H | K | Wt. | Replacement Roll | Part Number | E | H | K | Wt. | Replacement Roll |
| 24 | D5-35T-24-09 | 13.81 | 24.31 | 8.5 | 56 | D5-T-24-09 | D6-35T-24-09 | 14.18 | 23.75 | 9 | 61 | D6-T-24-09 |
| 30 | D5-35T-30-09 | 15.19 | 30.13 | 8.63 | 66 | D5-T-30-09 | D6-35T-30-09 | 15.63 | 29.5 | 9.13 | 72 | D6-T-30-09 |
| 36 | D5-35T-36-09 | 16.38 | 35.68 | 8.63 | 74 | D5-T-36-09 | D6-35T-36-09 | 16.81 | 35.13 | 9.13 | 81 | D6-T-36-09 |
| 42 | D5-35T-42-09 | 18.06 | 41.5 | 9 | 85 | D5-T-42-09 | D6-35T-42-09 | 18.44 | 40.94 | 9.5 | 93 | D6-T-42-09 |
| 48 | D5-35T-48-09 | 19.31 | 47.25 | 9 | 94 | D5-T-48-09 | D6-35T-48-09 | 19.69 | 46.69 | 9.5 | 102 | D6-T-48-09 |
| 54 | D5-35T-54-09 | 20.5 | 52.88 | 9 | 115 | D5-T-54-09 | D6-35T-54-09 | 20.88 | 52.25 | 9.5 | 124 | D6-T-54-09 |
| 60 | D5-35T-60-09 | 22 | 58.13 | 9.38 | 124 | D5-T-60-09 | D6-35T-60-09 | 22.44 | 57.5 | 9.88 | 134 | D6-T-60-09 |
| 72 | D5-35T-72-09 | 24.44 | 69.31 | 9.38 | 143 | D5-T-72-09 | D6-35T-72-09 | 24.81 | 68.75 | 9.88 | 155 | D6-T-72-09 |

45° Equal Steel Idlers

| 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 | 15.44 | 21.81 | 9 | 62 | D6-T-24-09 |
| 30 | D5-45T-30-09 | 16.75 | 27.75 | 8.63 | 68 | D5-T-30-09 | D6-45T-30-09 | 17.06 | 27.06 | 9.13 | 74 | D6-T-30-09 |
| 36 | D5-45T-36-09 | 18.25 | 32.94 | 8.63 | 76 | D5-T-36-09 | D6-45T-36-09 | 18.63 | 32.18 | 9.13 | 83 | D6-T-36-09 |
| 42 | D5-45T-42-09 | 20.19 | 38.19 | 9 | 88 | D5-T-42-09 | D6-45T-42-09 | 20.5 | 37.5 | 9.5 | 95 | D6-T-42-09 |
| 48 | D5-45T-48-09 | 21.68 | 43.5 | 9 | 97 | D5-T-48-09 | D6-45T-48-09 | 22.06 | 42.75 | 9.5 | 105 | D6-T-48-09 |
| 54 | D5-45T-54-09 | 23.25 | 48.63 | 9 | 118 | D5-T-54-09 | D6-45T-54-09 | 23.56 | 47.94 | 9.5 | 127 | D6-T-54-09 |
| 60 | D5-45T-60-09 | 25 | 53.44 | 9.38 | 128 | D5-T-60-09 | D6-45T-60-09 | 25.31 | 52.75 | 9.88 | 138 | D6-T-60-09 |
| 72 | D5-45T-72-09 | 28 | 63.69 | 9.38 | 147 | D5-T-72-09 | D6-45T-72-09 | 28.31 | 63 | 9.88 | 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 Idlers

| 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 | 11.75 | 26.94 | 8.5 | 64 | D5-TI-24 | D6-20TI-24 | 12.19 | 26.63 | 9 | 69 | D6-TI-24 |
| 30 | D5-20TI-30 | 12.63 | 33.25 | 8.63 | 77 | D5-TI-30 | D6-20TI-30 | 13.06 | 32.88 | 9.13 | 84 | D6-TI-30 |
| 36 | D5-20TI-36 | 13.31 | 39.31 | 8.63 | 89 | D5-TI-36 | D6-20TI-36 | 13.75 | 39 | 9.13 | 96 | D6-TI-36 |
| 42 | D5-20TI-42 | 14.44 | 45.63 | 9 | 105 | D5-TI-42 | D6-20TI-42 | 14.94 | 45.31 | 9.5 | 114 | D6-TI-42 |
| 48 | D5-20TI-48 | 15.25 | 51.94 | 9 | 117 | D5-TI-48 | D6-20TI-48 | 15.68 | 51.63 | 9.5 | 127 | D6-TI-48 |
| 54 | D5-20TI-54 | 15.94 | 58.06 | 9 | 144 | D5-TI-54 | D6-20TI-54 | 16.44 | 57.75 | 9.5 | 155 | D6-TI-54 |
| 60 | D5-20TI-60 | 16.94 | 63.81 | 9.38 | 157 | D5-TI-60 | D6-20TI-60 | 17.44 | 63.5 | 9.88 | 169 | D6-TI-60 |
| 72 | D5-20TI-72 | 18.39 | 76.06 | 9.38 | 183 | D5-TI-72 | D6-20TI-72 | 18.88 | 75.68 | 9.88 | 198 | D6-TI-72 |

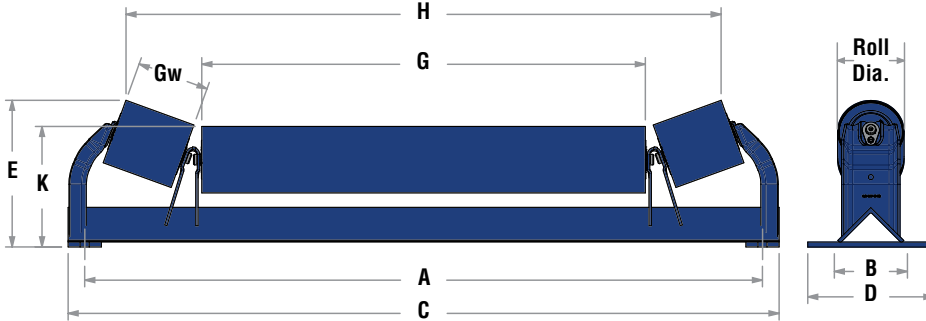
35° Equal Impact Idlers

| 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 | 13.81 | 24.31 | 8.5 | 66 | D5-TI-24 | D6-35TI-24 | 14.18 | 23.75 | 9 | 71 | D6-TI-24 |
| 30 | D5-35TI-30 | 15.19 | 30.13 | 8.63 | 79 | D5-TI-30 | D6-35TI-30 | 15.63 | 29.5 | 9.13 | 86 | D6-TI-30 |
| 36 | D5-35TI-36 | 16.38 | 35.68 | 8.63 | 91 | D5-TI-36 | D6-35TI-36 | 16.81 | 35.13 | 9.13 | 99 | D6-TI-36 |
| 42 | D5-35TI-42 | 18.06 | 41.5 | 9 | 108 | D5-TI-42 | D6-35TI-42 | 18.44 | 40.94 | 9.5 | 117 | D6-TI-42 |
| 48 | D5-35TI-48 | 19.31 | 47.25 | 9 | 120 | D5-TI-48 | D6-35TI-48 | 19.69 | 46.69 | 9.5 | 130 | D6-TI-48 |
| 54 | D5-35TI-54 | 20.5 | 52.88 | 9 | 147 | D5-TI-54 | D6-35TI-54 | 20.88 | 52.25 | 9.5 | 158 | D6-TI-54 |
| 60 | D5-35TI-60 | 22 | 58.13 | 9.38 | 160 | D5-TI-60 | D6-35TI-60 | 22.44 | 57.5 | 9.88 | 173 | D6-TI-60 |
| 72 | D5-35TI-72 | 24.44 | 69.31 | 9.38 | 187 | D5-TI-72 | D6-35TI-72 | 24.81 | 68.75 | 9.88 | 203 | D6-TI-72 |

45° Equal Impact Idlers

| 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 | 15.44 | 21.81 | 9 | 73 | D6-TI-24 |
| 30 | D5-45TI-30 | 16.75 | 27.75 | 8.63 | 82 | D5-TI-30 | D6-45TI-30 | 17.06 | 27.06 | 9.13 | 88 | D6-TI-30 |
| 36 | D5-45TI-36 | 18.25 | 32.94 | 8.63 | 94 | D5-TI-36 | D6-45TI-36 | 18.63 | 32.18 | 9.13 | 101 | D6-TI-36 |
| 42 | D5-45TI-42 | 20.19 | 38.19 | 9 | 111 | D5-TI-42 | D6-45TI-42 | 20.5 | 37.5 | 9.5 | 120 | D6-TI-42 |
| 48 | D5-45TI-48 | 21.68 | 43.5 | 9 | 123 | D5-TI-48 | D6-45TI-48 | 22.06 | 42.75 | 9.5 | 134 | D6-TI-48 |
| 54 | D5-45TI-54 | 23.25 | 48.63 | 9 | 151 | D5-TI-54 | D6-45TI-54 | 23.56 | 47.94 | 9.5 | 162 | D6-TI-54 |
| 60 | D5-45TI-60 | 25 | 53.44 | 9.38 | 164 | D5-TI-60 | D6-45TI-60 | 25.31 | 52.75 | 9.88 | 177 | D6-TI-60 |
| 72 | D5-45TI-72 | 28 | 63.69 | 9.38 | 192 | D5-TI-72 | D6-45TI-72 | 28.31 | 63 | 9.88 | 207 | D6-TI-72 |

CEMA D Unequal Steel Idlers



| 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 Steel Idlers

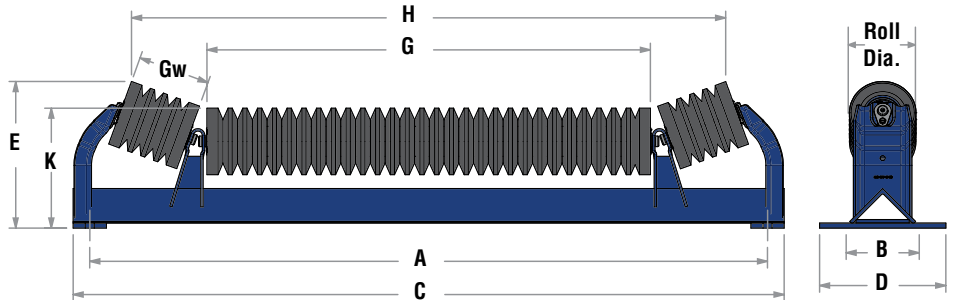
| Belt Width | G | Gw | 5" Roll Diameter | | | | | | | 6" Roll Diameter | | | | | | |
|------------|-------|------|------------------|-------|-------|------|-----|-------------------------|-----------------------|------------------|-------|-------|------|-----|-------------------------|-----------------------|
| | | | 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 | 10.50 | 26.88 | 8.5 | 53 | D5-T-42-09 | D5-T-14-09 | D6-20U-24-09 | 11 | 26.5 | 9 | 57 | D6-T-42-09 | D6-T-14-09 |
| 30 | 21.38 | 5.44 | D5-20U-30-09 | 10.63 | 32.81 | 8.63 | 61 | D5-R-18-09 | | D6-20U-30-09 | 11.13 | 32.44 | 9.13 | 67 | D6-R-18-09 | |
| 36 | 27.38 | 5.44 | D5-20U-36-09 | 10.63 | 38.81 | 8.63 | 69 | D5-R-24-09 | | D6-20U-36-09 | 11.13 | 38.44 | 9.13 | 75 | D6-R-24-09 | |
| 42 | 33.38 | 5.44 | D5-20U-42-09 | 11.00 | 44.81 | 9 | 78 | D5-R-30-09 | | D6-20U-42-09 | 11.5 | 44.44 | 9.5 | 86 | D6-R-30-09 | |
| 48 | 39.38 | 5.44 | D5-20U-48-09 | 11.00 | 50.81 | 9 | 86 | D5-R-36-09 | | D6-20U-48-09 | 11.5 | 50.44 | 9.5 | 94 | D6-R-36-09 | |
| 54 | 45.38 | 5.44 | D5-20U-54-09 | 11.39 | 56.81 | 9 | 106 | D5-R-42-09 | | D6-20U-54-09 | 11.81 | 56.44 | 9.5 | 115 | D6-R-42-09 | |
| 60 | 51.38 | 5.44 | D5-20U-60-09 | 11.39 | 62.81 | 9.38 | 114 | D5-R-48-09 | | D6-20U-60-09 | 11.81 | 62.44 | 9.88 | 124 | D6-R-48-09 | |
| 72 | 63.38 | 5.44 | D5-20U-72-09 | 11.39 | 74.79 | 9.38 | 131 | D5-R-60-09 | | D6-20U-72-09 | 11.81 | 74.44 | 9.88 | 142 | D6-R-60-09 | |

35° Unequal Steel Idlers

| 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 | 12.5 | 25.06 | 8.5 | 55 | D5-T-36-09 | D5-T-18-09 | D6-35U-24-09 | 12.94 | 24.5 | 9 | 60 | D6-T-36-09 | D6-T-18-09 |
| 30 | 15.44 | 8.94 | D5-35U-30-09 | 13.94 | 30.81 | 8.63 | 65 | D5-T-42-09 | D5-T-24-09 | D6-35U-30-09 | 14.31 | 30.25 | 9.13 | 71 | D6-T-42-09 | D6-T-24-09 |
| 36 | 19.75 | 8.94 | D5-35U-36-09 | 13.94 | 35.13 | 8.63 | 71 | D5-T-54-09 | | D6-35U-36-09 | 14.31 | 34.56 | 9.13 | 77 | D6-T-54-09 | |
| 42 | 21.38 | 11.13 | D5-35U-42-09 | 15.56 | 40.38 | 9 | 81 | D5-R-18-09 | D5-T-30-09 | D6-35U-42-09 | 16 | 39.75 | 9.5 | 89 | D6-R-18-09 | D6-T-30-09 |
| 48 | 27.38 | 11.13 | D5-35U-48-09 | 15.56 | 46.38 | 9 | 89 | D5-R-24-09 | | D6-35U-48-09 | 16 | 45.75 | 9.5 | 97 | D6-R-24-09 | |
| 54 | 33.38 | 11.13 | D5-35U-54-09 | 15.88 | 52.38 | 9 | 109 | D5-R-30-09 | | D6-35U-54-09 | 16.31 | 51.75 | 9.5 | 118 | D6-R-30-09 | |
| 60 | 39.38 | 11.13 | D5-35U-60-09 | 15.88 | 58.38 | 9.38 | 117 | D5-R-36-09 | | D6-35U-60-09 | 16.31 | 57.75 | 9.88 | 127 | D6-R-36-09 | |
| 72 | 51.38 | 11.13 | D5-35U-72-09 | 15.88 | 70.38 | 9.38 | 134 | D5-R-48-09 | | D6-35U-72-09 | 16.31 | 69.75 | 9.88 | 145 | D6-R-48-09 | |

| 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.



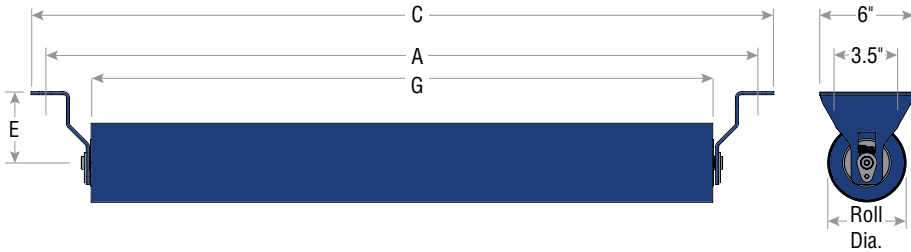
20° Unequal Impact Idlers

| 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 | 10.50 | 26.88 | 8.5 | 62 | D5-TI-42 | D5-TI-14 | D6-20UI-24 | 11 | 26.5 | 9 | 68 | D6-TI-42 | D6-TI-14 |
| 30 | 21.38 | 5.44 | D5-20UI-30 | 10.63 | 32.81 | 8.63 | 75 | D5-FRD-18 | | D6-20UI-30 | 11.13 | 32.44 | 9.13 | 81 | D6-FRD-18 | |
| 36 | 27.38 | 5.44 | D5-20UI-36 | 10.63 | 38.81 | 8.63 | 85 | D5-FRD-24 | | D6-20UI-36 | 11.13 | 38.44 | 9.13 | 93 | D6-FRD-24 | |
| 42 | 33.38 | 5.44 | D5-20UI-42 | 11.00 | 44.81 | 9 | 101 | D5-FRD-30 | | D6-20UI-42 | 11.5 | 44.44 | 9.5 | 109 | D6-FRD-30 | |
| 48 | 39.38 | 5.44 | D5-20UI-48 | 11.00 | 50.81 | 9 | 111 | D5-FRD-36 | | D6-20UI-48 | 11.5 | 50.44 | 9.5 | 121 | D6-FRD-36 | |
| 54 | 45.38 | 5.44 | D5-20UI-54 | 11.39 | 56.81 | 9 | 137 | D5-FRD-42 | | D6-20UI-54 | 11.81 | 56.44 | 9.5 | 148 | D6-FRD-42 | |
| 60 | 51.38 | 5.44 | D5-20UI-60 | 11.39 | 62.81 | 9.38 | 149 | D5-FRD-48 | | D6-20UI-60 | 11.81 | 62.44 | 9.88 | 161 | D6-FRD-48 | |
| 72 | 63.38 | 5.44 | D5-20UI-72 | 11.39 | 74.79 | 9.38 | 174 | D5-FRD-60 | | D6-20UI-72 | 11.81 | 74.44 | 9.88 | 189 | D6-FRD-60 | |

35° Unequal Impact Idlers

| 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 | 12.5 | 25.06 | 8.5 | 65 | D5-TI-36 | D5-TI-18 | D6-35UI-24 | 12.94 | 24.5 | 9 | 70 | D6-TI-36 | D6-TI-18 |
| 30 | 15.44 | 8.94 | D5-35UI-30 | 13.94 | 30.81 | 8.63 | 79 | D5-TI-42 | D5-TI-24 | D6-35UI-30 | 14.31 | 30.25 | 9.13 | 85 | D6-TI-42 | D6-TI-24 |
| 36 | 19.75 | 8.94 | D5-35UI-36 | 13.94 | 35.13 | 8.63 | 87 | D5-TI-54 | | D6-35UI-36 | 14.31 | 34.56 | 9.13 | 95 | D6-TI-54 | |
| 42 | 21.38 | 11.13 | D5-35UI-42 | 15.56 | 40.38 | 9 | 103 | D5-FRD-18 | D5-TI-30 | D6-35UI-42 | 16 | 39.75 | 9.5 | 112 | D6-FRD-18 | D6-TI-30 |
| 48 | 27.38 | 11.13 | D5-35UI-48 | 15.56 | 46.38 | 9 | 114 | D5-FRD-24 | | D6-35UI-48 | 16 | 45.75 | 9.5 | 124 | D6-FRD-24 | |
| 54 | 33.38 | 11.13 | D5-35UI-54 | 15.88 | 52.38 | 9 | 140 | D5-FRD-30 | | D6-35UI-54 | 16.31 | 51.75 | 9.5 | 151 | D6-FRD-30 | |
| 60 | 39.38 | 11.13 | D5-35UI-60 | 15.88 | 58.38 | 9.38 | 152 | D5-FRD-36 | | D6-35UI-60 | 16.31 | 57.75 | 9.88 | 164 | D6-FRD-36 | |
| 72 | 51.38 | 11.13 | D5-35UI-72 | 15.88 | 70.38 | 9.38 | 177 | D5-FRD-48 | D6-35UI-72 | 16.31 | 69.75 | 9.88 | 191 | D6-FRD-48 | | |

CEMA D Steel Returns



| 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 |

Steel 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 |

Steel Returns (E = 4.5")

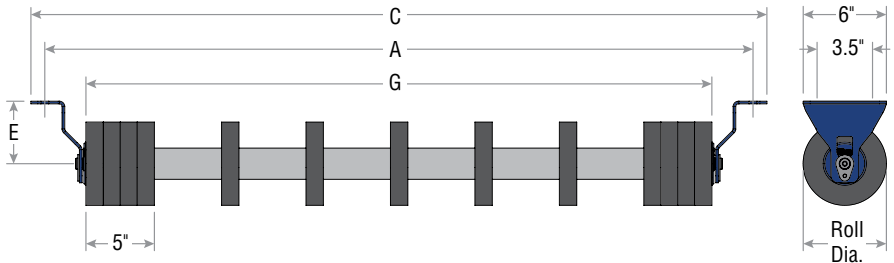
| Belt Width | 5" Roll Diameter | | | 6" Roll Diameter | | |
|------------|------------------|-----|------------------|------------------|-----|------------------|
| | Part Number | Wt. | Replacement Roll | Part Number | Wt. | Replacement Roll |
| 24 | D5-R-24-09-4 | 30 | D5-R-24-09 | D6-R-24-09-4 | 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 |

Steel 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 included, can also be sold separately (page N-65).

| 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 |



Rubber Disc Returns (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 |

Rubber Disc Returns (E = 4.5")

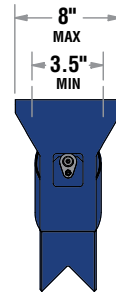
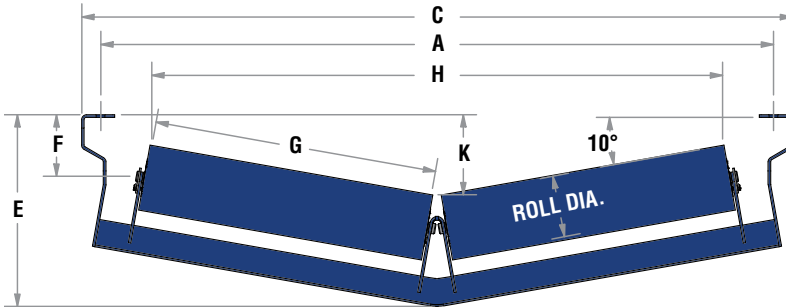
| Belt Width | 5" Roll Diameter | | | 6" Roll Diameter | | |
|------------|------------------|-----|------------------|------------------|-----|------------------|
| | Part Number | Wt. | Replacement Roll | Part Number | Wt. | Replacement Roll |
| 24 | D5-RRD-24-4 | 33 | D5-RRD-24 | D6-RRD-24-4 | 37 | 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 |

Rubber Disc 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-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 included, can also be sold separately (page N-65).

CEMA D Steel V>Returns



| Belt Width | Standard Dimensions | | |
|------------|---------------------|-------|-------|
| | A | C | G |
| 24 | 33 | 35.88 | 13.25 |
| 30 | 39 | 41.88 | 17.63 |
| 36 | 45 | 47.88 | 19.75 |
| 42 | 51 | 53.88 | 21.38 |
| 48 | 57 | 59.88 | 26.00 |
| 54 | 63 | 65.88 | 28.88 |
| 60 | 69 | 71.88 | 31.88 |
| 72 | 81 | 83.88 | 38.00 |

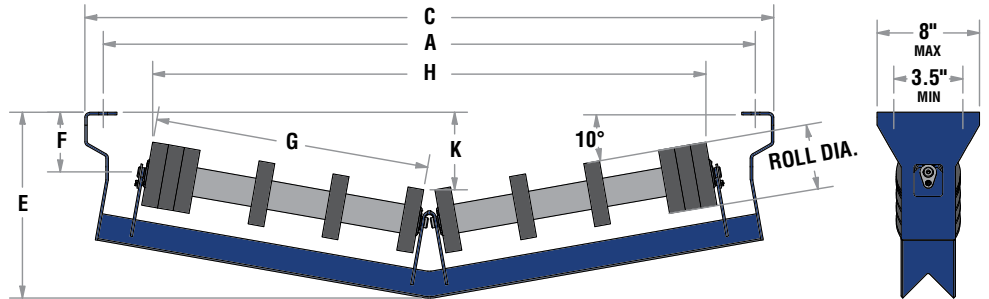
Steel V>Returns (F = 4.5")

| 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 | 12.94 | 26.75 | 4.50 | 48 | D5-T-36-09 | D6-10V4-24-09 | 12.94 | 26.56 | 4.00 | 55 | D6-T-36-09 |
| 30 | D5-10V4-30-09 | 13.44 | 35.31 | 5.00 | 57 | D5-T-48-09 | D6-10V4-30-09 | 13.44 | 35.19 | 4.50 | 65 | D6-T-48-09 |
| 36 | D5-10V4-36-09 | 14.00 | 39.50 | 5.56 | 64 | D5-T-54-09 | D6-10V4-36-09 | 14.00 | 39.38 | 5.00 | 71 | D6-T-54-09 |
| 42 | D5-10V4-42-09 | 14.50 | 43.50 | 6.00 | 70 | D5-T-60-09 | D6-10V4-42-09 | 14.50 | 43.31 | 5.38 | 78 | D6-T-60-09 |
| 48 | D5-10V4-48-09 | 15.00 | 51.81 | 6.63 | 80 | D5-T-72-09 | D6-10V4-48-09 | 15.00 | 51.69 | 6.13 | 88 | D6-T-72-09 |
| 54 | D5-10V4-54-09 | 15.56 | 57.50 | 7.13 | 87 | D5-V-54-09 | D6-10V4-54-09 | 15.56 | 57.31 | 6.63 | 96 | D6-V-54-09 |
| 60 | D5-10V4-60-09 | 16.13 | 63.44 | 7.69 | 94 | D5-V-60-09 | D6-10V4-60-09 | 16.13 | 63.25 | 7.19 | 104 | D6-V-60-09 |
| 72 | D5-10V4-72-09 | 17.13 | 75.5 | 8.75 | 109 | D5-V-72-09 | D6-10V4-72-09 | 17.13 | 75.25 | 8.25 | 120 | D6-V-72-09 |

Steel 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 | 15.56 | 26.75 | 7.13 | 52 | D5-T-36-09 | D6-10V7-24-09 | 15.56 | 26.56 | 6.63 | 59 | D6-T-36-09 |
| 30 | D5-10V7-30-09 | 16.06 | 35.31 | 7.63 | 61 | D5-T-48-09 | D6-10V7-30-09 | 16.06 | 35.19 | 7.13 | 69 | D6-T-48-09 |
| 36 | D5-10V7-36-09 | 16.63 | 39.50 | 8.19 | 68 | D5-T-54-09 | D6-10V7-36-09 | 16.63 | 39.38 | 7.69 | 75 | D6-T-54-09 |
| 42 | D5-10V7-42-09 | 17.13 | 43.50 | 8.69 | 74 | D5-T-60-09 | D6-10V7-42-09 | 17.13 | 43.31 | 8.25 | 82 | D6-T-60-09 |
| 48 | D5-10V7-48-09 | 17.69 | 51.81 | 9.25 | 84 | D5-T-72-09 | D6-10V7-48-09 | 17.69 | 51.69 | 8.75 | 92 | D6-T-72-09 |
| 54 | D5-10V7-54-09 | 18.19 | 57.50 | 9.75 | 91 | D5-V-54-09 | D6-10V7-54-09 | 18.19 | 57.31 | 9.25 | 100 | D6-V-54-09 |
| 60 | D5-10V7-60-09 | 18.75 | 63.44 | 10.25 | 98 | D5-V-60-09 | D6-10V7-60-09 | 18.75 | 63.25 | 9.81 | 108 | D6-V-60-09 |
| 72 | D5-10V7-72-09 | 19.94 | 75.5 | 11.5 | 113 | D5-V-72-09 | D6-10V7-72-09 | 19.75 | 75.31 | 10.88 | 124 | D6-V-72-09 |

| Belt Width | Standard Dimensions | | |
|------------|---------------------|-------|-------|
| | A | C | G |
| 24 | 33 | 35.88 | 13.25 |
| 30 | 39 | 41.88 | 15.44 |
| 36 | 45 | 47.88 | 17.63 |
| 42 | 51 | 53.88 | 21.75 |
| 48 | 57 | 59.88 | 23.38 |
| 54 | 63 | 65.88 | 27.38 |
| 60 | 69 | 71.88 | 30.88 |
| 72 | 81 | 83.88 | 37 |



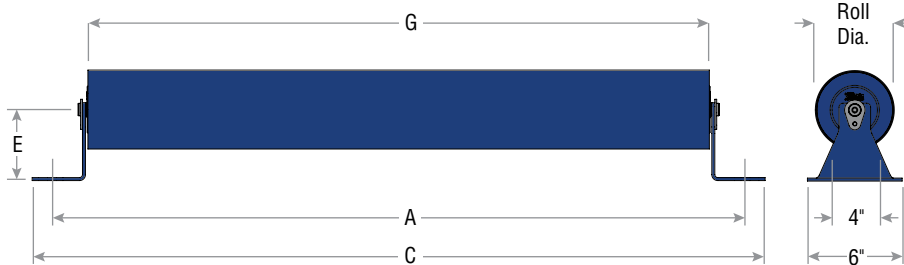
Rubber Disc V>Returns (F = 4.5")

| 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 | D5-10VRD4-24 | 12.94 | 26.75 | 4.50 | 46 | D5-VRD-24 | D6-10VRD4-24 | 12.94 | 26.56 | 4.00 | 51 | D6-VRD-24 |
| 30 | D5-10VRD4-30 | 13.44 | 35.31 | 5.00 | 53 | D5-VRD-30 | D6-10VRD4-30 | 13.44 | 35.19 | 4.50 | 60 | D6-VRD-30 |
| 36 | D5-10VRD4-36 | 14.00 | 39.50 | 5.56 | 58 | D5-VRD-36 | D6-10VRD4-36 | 14.00 | 39.38 | 5.00 | 66 | D6-VRD-36 |
| 42 | D5-10VRD4-42 | 14.50 | 43.50 | 6.00 | 63 | D5-VRD-42 | D6-10VRD4-42 | 14.50 | 43.31 | 5.38 | 71 | D6-VRD-42 |
| 48 | D5-10VRD4-48 | 15.00 | 51.81 | 6.63 | 70 | D5-VRD-48 | D6-10VRD4-48 | 15.00 | 51.69 | 6.13 | 80 | D6-VRD-48 |
| 54 | D5-10VRD4-54 | 15.56 | 57.50 | 7.13 | 83 | D5-VRD-54 | D6-10VRD4-54 | 15.56 | 57.31 | 6.63 | 90 | D6-VRD-54 |
| 60 | D5-10VRD4-60 | 16.13 | 63.44 | 7.69 | 90 | D5-VRD-60 | D6-10VRD4-60 | 16.13 | 63.25 | 7.19 | 98 | D6-VRD-60 |
| 72 | D5-10VRD4-72 | 17.13 | 75.5 | 8.75 | 101 | D5-VRD-72 | D6-10VRD4-72 | 17.13 | 75.25 | 8.25 | 113 | D6-VRD-72 |

Rubber Disc 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 | D5-10VRD7-24 | 15.56 | 26.75 | 7.13 | 50 | D5-VRD-24 | D6-10VRD7-24 | 15.56 | 26.56 | 6.63 | 54 | D6-VRD-24 |
| 30 | D5-10VRD7-30 | 16.06 | 35.31 | 7.63 | 57 | D5-VRD-30 | D6-10VRD7-30 | 16.06 | 35.19 | 7.13 | 65 | D6-VRD-30 |
| 36 | D5-10VRD7-36 | 16.63 | 39.50 | 8.19 | 62 | D5-VRD-36 | D6-10VRD7-36 | 16.63 | 39.38 | 7.69 | 70 | D6-VRD-36 |
| 42 | D5-10VRD7-42 | 17.13 | 43.50 | 8.69 | 67 | D5-VRD-42 | D6-10VRD7-42 | 17.13 | 43.31 | 8.25 | 77 | D6-VRD-42 |
| 48 | D5-10VRD7-48 | 17.69 | 51.81 | 9.25 | 74 | D5-VRD-48 | D6-10VRD7-48 | 17.69 | 51.69 | 8.75 | 86 | D6-VRD-48 |
| 54 | D5-10VRD7-54 | 18.19 | 57.50 | 9.75 | 87 | D5-VRD-54 | D6-10VRD7-54 | 18.19 | 57.31 | 9.25 | 94 | D6-VRD-54 |
| 60 | D5-10VRD7-60 | 18.75 | 63.44 | 10.25 | 94 | D5-VRD-60 | D6-10VRD7-60 | 18.75 | 63.25 | 9.81 | 102 | D6-VRD-60 |
| 72 | D5-10VRD7-72 | 19.94 | 75.5 | 11.5 | 105 | D5-VRD-72 | D6-10VRD7-72 | 19.75 | 75.31 | 10.88 | 117 | D6-VRD-72 |

CEMA D Steel Flat Carry



| Belt Width | Standard Dimensions | | |
|------------|---------------------|-------|-------|
| | A | C | G |
| 24 | 33 | 35.44 | 27.38 |
| 30 | 39 | 41.44 | 33.38 |
| 36 | 45 | 47.44 | 39.38 |
| 42 | 51 | 53.44 | 45.38 |
| 48 | 57 | 59.44 | 51.38 |
| 54 | 63 | 65.44 | 57.38 |
| 60 | 69 | 71.44 | 63.38 |
| 72 | 81 | 83.44 | 75.38 |

Steel Flat Carry (E = 1.5")

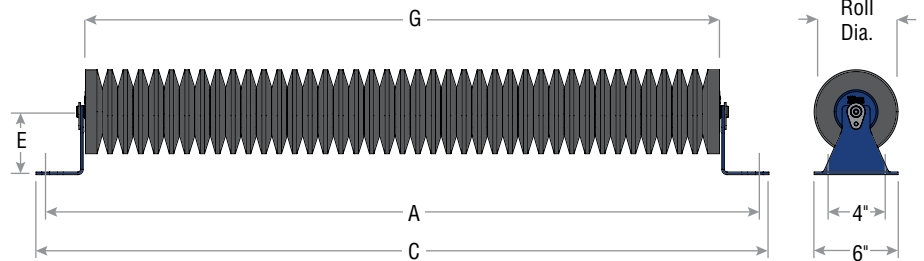
| Belt Width | 5" Roll Diameter | | | 6" Roll Diameter | | |
|------------|------------------|-----|------------------|------------------|-----|------------------|
| | Part Number | Wt. | Replacement Roll | Part Number | Wt. | Replacement Roll |
| 24 | D5-F-24-09-1 | 30 | D5-R-24-09 | D6-F-24-09-1 |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

Steel Flat Carry (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-R-24-09 | D6-F-24-09-4 | 36 | D6-R-24-09 |
| 30 | D5-F-30-09-4 | 38 | D5-R-30-09 | D6-F-30-09-4 | 42 | D6-R-30-09 |
| 36 | D5-F-36-09-4 | 43 | D5-R-36-09 | D6-F-36-09-4 | 48 | D6-R-36-09 |
| 42 | D5-F-42-09-4 | 48 | D5-R-42-09 | D6-F-42-09-4 | 55 | D6-R-42-09 |
| 48 | D5-F-48-09-4 | 53 | D5-R-48-09 | D6-F-48-09-4 | 61 | D6-R-48-09 |
| 54 | D5-F-54-09-4 | 59 | D5-R-54-09 | D6-F-54-09-4 | 67 | D6-R-54-09 |
| 60 | D5-F-60-09-4 | 64 | D5-R-60-09 | D6-F-60-09-4 | 73 | D6-R-60-09 |
| 72 | D5-F-72-09-4 | 75 | D5-R-72-09 | D6-F-72-09-4 | 85 | D6-R-72-09 |

Note: Brackets included, can also be sold separately (page N-65).

| Belt Width | Standard Dimensions | | |
|------------|---------------------|-------|-------|
| | A | C | G |
| 24 | 33 | 35.44 | 27.38 |
| 30 | 39 | 41.44 | 33.38 |
| 36 | 45 | 47.44 | 39.38 |
| 42 | 51 | 53.44 | 45.38 |
| 48 | 57 | 59.44 | 51.38 |
| 54 | 63 | 65.44 | 57.38 |
| 60 | 69 | 71.44 | 63.38 |
| 72 | 81 | 83.44 | 75.38 |



Impact Flat Carry (E = 1.5")

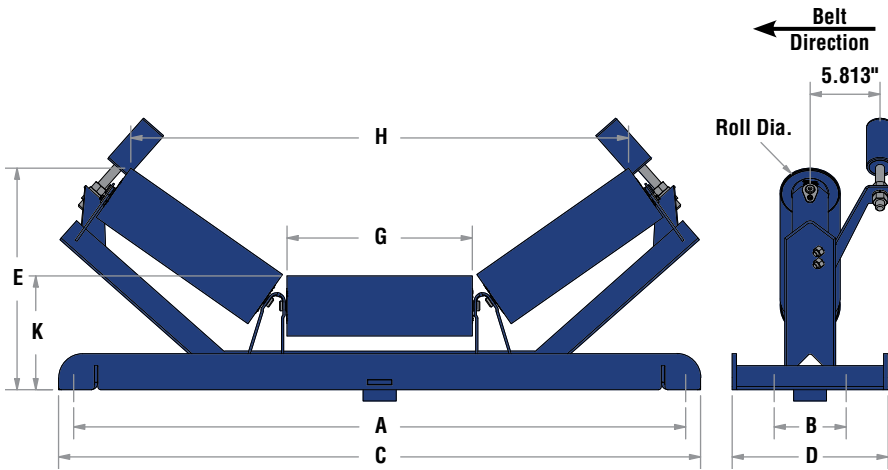
| Belt Width | 5" Roll Diameter | | | 6" Roll Diameter | | |
|------------|------------------|-----|------------------|------------------|-----|------------------|
| | Part Number | Wt. | Replacement Roll | Part Number | Wt. | Replacement Roll |
| 24 | D5-FRD-24-1 | 37 | D5-FRD-24 | D6-FRD-24-1 | 42 | 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 |

Impact Flat Carry (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 included, can also be sold separately (page N-65).

CEMA D Equal Steel Idler Self-Aligners



| Belt Width | Standard Dimensions | | | | | Wide Base | |
|------------|---------------------|------|------|----|-------|-----------|------|
| | A | B | C | D | G | Aw* | Cw* |
| 24 | 33 | 3.69 | 35.5 | 13 | 8.94 | 39 | 41.5 |
| 30 | 39 | 3.69 | 41.5 | 13 | 11.13 | 45 | 47.5 |
| 36 | 45 | 3.69 | 47.5 | 13 | 13.25 | 51 | 53.5 |
| 42 | 51 | 3.69 | 53.5 | 13 | 15.44 | 57 | 59.5 |
| 48 | 57 | 3.69 | 59.5 | 13 | 17.63 | 63 | 65.5 |
| 54 | 63 | 3.69 | 65.5 | 13 | 19.75 | 69 | 71.5 |
| 60 | 69 | 3.69 | 71.5 | 13 | 21.75 | 75 | 77.5 |
| 72 | 81 | 3.69 | 83.5 | 13 | 26 | 87 | 89.5 |

*Dimension not shown; for wide base.

20° Equal Steel Idler Self-Aligners

| 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 | 12.69 | 26.94 | 9.5 | 102 | D5-T-24-09 | D6-20TSA-24-09 | 13.13 | 26.56 | 10 | 110 | D6-T-24-09 |
| 30 | D5-20TSA-30-09 | 13.44 | 33.25 | 9.5 | 114 | D5-T-30-09 | D6-20TSA-30-09 | 13.88 | 32.88 | 10 | 122 | D6-T-30-09 |
| 36 | D5-20TSA-36-09 | 14.13 | 39.31 | 9.5 | 128 | D5-T-36-09 | D6-20TSA-36-09 | 14.63 | 39.00 | 10 | 135 | D6-T-36-09 |
| 42 | D5-20TSA-42-09 | 14.88 | 45.63 | 9.5 | 140 | D5-T-42-09 | D6-20TSA-42-09 | 15.38 | 45.31 | 10 | 150 | D6-T-42-09 |
| 48 | D5-20TSA-48-09 | 15.63 | 51.94 | 9.5 | 155 | D5-T-48-09 | D6-20TSA-48-09 | 16.13 | 51.56 | 10 | 163 | D6-T-48-09 |
| 54 | D5-20TSA-54-09 | 16.38 | 58.06 | 9.5 | 166 | D5-T-54-09 | D6-20TSA-54-09 | 16.81 | 57.69 | 10 | 178 | D6-T-54-09 |
| 60 | D5-20TSA-60-09 | 17.06 | 63.81 | 9.5 | 177 | D5-T-60-09 | D6-20TSA-60-09 | 17.50 | 63.44 | 10 | 190 | D6-T-60-09 |
| 72 | D5-20TSA-72-09 | 18.25 | 76.06 | 9.5 | 200 | D5-T-72-09 | D6-20TSA-72-09 | 18.94 | 75.69 | 10 | 212 | D6-T-72-09 |

35° Equal Steel Idler Self-Aligners

| 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 | 14.69 | 24.31 | 9.5 | 104 | D5-T-24-09 | D6-35TSA-24-09 | 15.13 | 23.75 | 10 | 111 | D6-T-24-09 |
| 30 | D5-35TSA-30-09 | 16.00 | 30.13 | 9.5 | 116 | D5-T-30-09 | D6-35TSA-30-09 | 16.38 | 29.50 | 10 | 123 | D6-T-30-09 |
| 36 | D5-35TSA-36-09 | 17.19 | 35.69 | 9.5 | 130 | D5-T-36-09 | D6-35TSA-36-09 | 17.63 | 35.13 | 10 | 137 | D6-T-36-09 |
| 42 | D5-35TSA-42-09 | 18.44 | 41.50 | 9.5 | 142 | D5-T-42-09 | D6-35TSA-42-09 | 18.88 | 40.94 | 10 | 151 | D6-T-42-09 |
| 48 | D5-35TSA-48-09 | 19.69 | 47.25 | 9.5 | 157 | D5-T-48-09 | D6-35TSA-48-09 | 20.13 | 46.69 | 10 | 165 | D6-T-48-09 |
| 54 | D5-35TSA-54-09 | 20.98 | 52.88 | 9.5 | 168 | D5-T-54-09 | D6-35TSA-54-09 | 21.31 | 52.31 | 10 | 180 | D6-T-54-09 |
| 60 | D5-35TSA-60-09 | 22.06 | 58.13 | 9.5 | 179 | D5-T-60-09 | D6-35TSA-60-09 | 22.50 | 57.56 | 10 | 191 | D6-T-60-09 |
| 72 | D5-35TSA-72-09 | 24.50 | 69.38 | 9.5 | 203 | D5-T-72-09 | D6-35TSA-72-09 | 24.94 | 68.75 | 10 | 215 | D6-T-72-09 |

45° Equal Steel Idler Self-Aligners

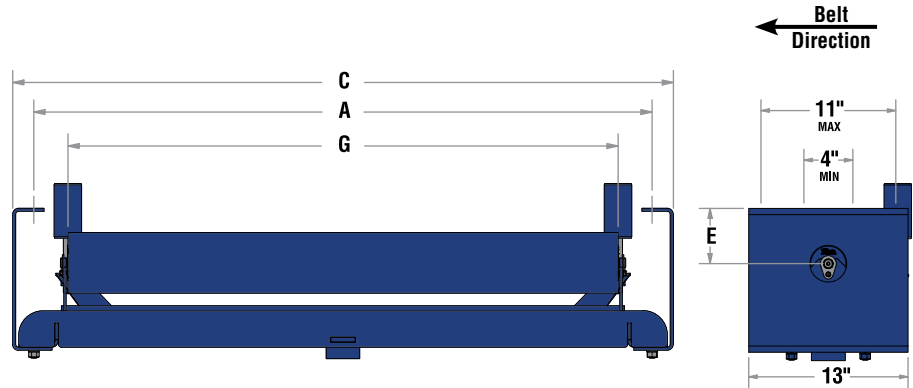
| Belt Width | 5" Roll Diameter | | | | | | 6" Roll Diameter | | | | | |
|------------|------------------|-------|-------|-----|-----|------------------|------------------|-------|-------|----|-----|------------------|
| | Part Number | E | H | K | Wt. | Replacement Roll | Part Number | E | H | K | Wt. | Replacement Roll |
| 24 | D5-45TSA-24-09 | 16.00 | 22.50 | 9.5 | 105 | D5-T-24-09 | D6-45TSA-24-09 | 16.31 | 21.81 | 10 | 113 | D6-T-24-09 |
| 30 | D5-45TSA-30-09 | 17.56 | 27.75 | 9.5 | 117 | D5-T-30-09 | D6-45TSA-30-09 | 17.88 | 27.06 | 10 | 126 | D6-T-30-09 |
| 36 | D5-45TSA-36-09 | 19.06 | 32.94 | 9.5 | 132 | D5-T-36-09 | D6-45TSA-36-09 | 19.38 | 32.25 | 10 | 139 | D6-T-36-09 |
| 42 | D5-45TSA-42-09 | 20.63 | 38.25 | 9.5 | 143 | D5-T-42-09 | D6-45TSA-42-09 | 20.94 | 37.50 | 10 | 154 | D6-T-42-09 |
| 48 | D5-45TSA-48-09 | 22.13 | 43.50 | 9.5 | 158 | D5-T-48-09 | D6-45TSA-48-09 | 22.50 | 42.75 | 10 | 167 | D6-T-48-09 |
| 54 | D5-45TSA-54-09 | 23.63 | 48.63 | 9.5 | 170 | D5-T-54-09 | D6-45TSA-54-09 | 24.00 | 47.94 | 10 | 182 | D6-T-54-09 |
| 60 | D5-45TSA-60-09 | 25.06 | 53.38 | 9.5 | 179 | D5-T-60-09 | D6-45TSA-60-09 | 25.44 | 52.75 | 10 | 194 | D6-T-60-09 |
| 72 | D5-45TSA-72-09 | 28.00 | 63.69 | 9.5 | 204 | D5-T-72-09 | D6-45TSA-72-09 | 28.44 | 63.00 | 10 | 216 | D6-T-72-09 |

Note: Guide rolls and accessories included, can also be sold separately (N-67).

Shoe-Type Self-Aligner Available For Reversing Belts

| Belt Width | Standard Dimensions | | | | | Wide Base | |
|------------|---------------------|------|------|----|-------|-----------|------|
| | A | B | C | D | G | Aw* | Cw* |
| 24 | 33 | 3.69 | 36.5 | 13 | 27.38 | 39 | 42.5 |
| 30 | 39 | 3.69 | 42.5 | 13 | 33.38 | 45 | 48.5 |
| 36 | 45 | 3.69 | 48.5 | 13 | 39.38 | 51 | 54.5 |
| 42 | 51 | 3.69 | 54.5 | 13 | 45.38 | 57 | 60.5 |
| 48 | 57 | 3.69 | 60.5 | 13 | 51.38 | 63 | 66.5 |
| 54 | 63 | 3.69 | 66.5 | 13 | 57.38 | 69 | 72.5 |
| 60 | 69 | 3.69 | 72.5 | 13 | 63.38 | 75 | 78.5 |
| 72 | 81 | 3.69 | 84.5 | 13 | 75.38 | 87 | 90.5 |

*Dimension not shown; for wide base.



Steel Return Self-Aligners (E = 1.5")

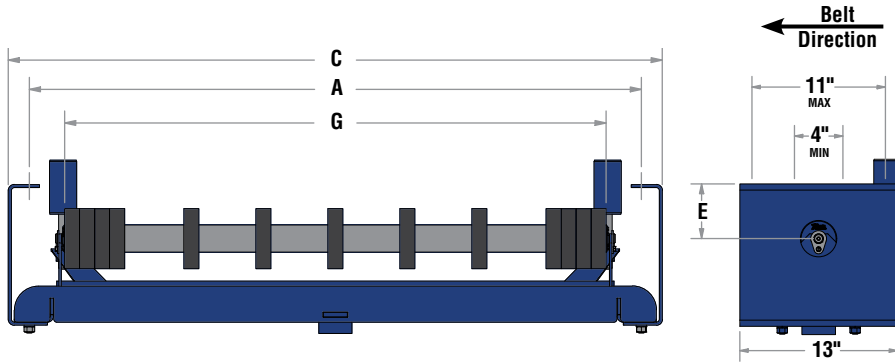
| Belt Width | 5" Roll Diameter | | | 6" Roll Diameter | | |
|------------|------------------|-----|------------------|------------------|-----|------------------|
| | Part Number | Wt. | Replacement Roll | Part Number | Wt. | Replacement Roll |
| 24 | D5-RSA1-24-09 | 117 | D5-R-24-09 | D6-RSA1-24-09 | 121 | D6-R-24-09 |
| 30 | D5-RSA1-30-09 | 130 | D5-R-30-09 | D6-RSA1-30-09 | 135 | D6-R-30-09 |
| 36 | D5-RSA1-36-09 | 142 | D5-R-36-09 | D6-RSA1-36-09 | 146 | D6-R-36-09 |
| 42 | D5-RSA1-42-09 | 153 | D5-R-42-09 | D6-RSA1-42-09 | 158 | D6-R-42-09 |
| 48 | D5-RSA1-48-09 | 164 | D5-R-48-09 | D6-RSA1-48-09 | 171 | D6-R-48-09 |
| 54 | D5-RSA1-54-09 | 176 | D5-R-54-09 | D6-RSA1-54-09 | 184 | D6-R-54-09 |
| 60 | D5-RSA1-60-09 | 188 | D5-R-60-09 | D6-RSA1-60-09 | 196 | D6-R-60-09 |
| 72 | D5-RSA1-72-09 | 211 | D5-R-72-09 | D6-RSA1-72-09 | 221 | D6-R-72-09 |

Steel 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 | 122 | D5-R-24-09 | D6-RSA4-24-09 | 126 | D6-R-24-09 |
| 30 | D5-RSA4-30-09 | 134 | D5-R-30-09 | D6-RSA4-30-09 | 139 | D6-R-30-09 |
| 36 | D5-RSA4-36-09 | 149 | D5-R-36-09 | D6-RSA4-36-09 | 151 | D6-R-36-09 |
| 42 | D5-RSA4-42-09 | 158 | D5-R-42-09 | D6-RSA4-42-09 | 163 | D6-R-42-09 |
| 48 | D5-RSA4-48-09 | 169 | D5-R-48-09 | D6-RSA4-48-09 | 176 | D6-R-48-09 |
| 54 | D5-RSA4-54-09 | 181 | D5-R-54-09 | D6-RSA4-54-09 | 189 | D6-R-54-09 |
| 60 | D5-RSA4-60-09 | 193 | D5-R-60-09 | D6-RSA4-60-09 | 201 | D6-R-60-09 |
| 72 | D5-RSA4-72-09 | 216 | D5-R-72-09 | D6-RSA4-72-09 | 226 | D6-R-72-09 |

Note: Guide rolls and accessories included, can also be sold separately (N-67).

CEMA D Rubber Disc Return Self-Aligners



| Belt Width | Standard Dimensions | | | | | Wide Base | |
|------------|---------------------|------|------|----|-------|-----------|------|
| | A | B | C | D | G | Aw* | Cw* |
| 24 | 33 | 3.69 | 36.5 | 13 | 27.13 | 39 | 42.5 |
| 30 | 39 | 3.69 | 42.5 | 13 | 33.13 | 45 | 48.5 |
| 36 | 45 | 3.69 | 48.5 | 13 | 39.13 | 51 | 54.5 |
| 42 | 51 | 3.69 | 54.5 | 13 | 45.13 | 57 | 60.5 |
| 48 | 57 | 3.69 | 60.5 | 13 | 51.13 | 63 | 66.5 |
| 54 | 63 | 3.69 | 66.5 | 13 | 57.13 | 69 | 72.5 |
| 60 | 69 | 3.69 | 72.5 | 13 | 63.13 | 75 | 78.5 |
| 72 | 81 | 3.69 | 84.5 | 13 | 75.13 | 87 | 90.5 |

*Dimension not shown; for wide base.

Rubber Disc 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-RRDSA1-24 | 116 | D5-RRD-24 | D6-RRDSA1-24 | 120 | D6-RRD-24 |
| 30 | D5-RRDSA1-30 | 129 | D5-RRD-30 | D6-RRDSA1-30 | 134 | D6-RRD-30 |
| 36 | D5-RRDSA1-36 | 140 | D5-RRD-36 | D6-RRDSA1-36 | 143 | D6-RRD-36 |
| 42 | D5-RRDSA1-42 | 151 | D5-RRD-42 | D6-RRDSA1-42 | 155 | D6-RRD-42 |
| 48 | D5-RRDSA1-48 | 161 | D5-RRD-48 | D6-RRDSA1-48 | 167 | D6-RRD-48 |
| 54 | D5-RRDSA1-54 | 173 | D5-RRD-54 | D6-RRDSA1-54 | 180 | D6-RRD-54 |
| 60 | D5-RRDSA1-60 | 185 | D5-RRD-60 | D6-RRDSA1-60 | 192 | D6-RRD-60 |
| 72 | D5-RRDSA1-72 | 209 | D5-RRD-72 | D6-RRDSA1-72 | 217 | D6-RRD-72 |

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

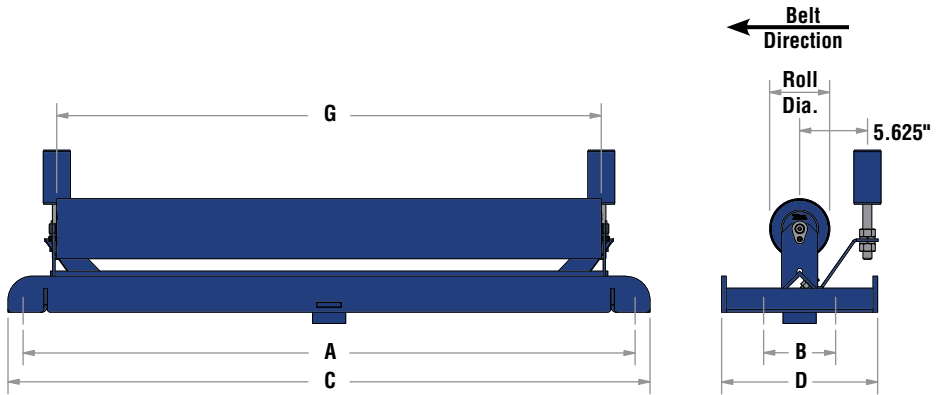
| Belt Width | 5" Roll Diameter | | | 6" Roll Diameter | | |
|------------|------------------|-----|------------------|------------------|-----|------------------|
| | Part Number | Wt. | Replacement Roll | Part Number | Wt. | Replacement Roll |
| 24 | D5-RRDSA4-24 | 121 | D5-RRD-24 | D6-RRDSA4-24 | 125 | D6-RRD-24 |
| 30 | D5-RRDSA4-30 | 133 | D5-RRD-30 | D6-RRDSA4-30 | 138 | D6-RRD-30 |
| 36 | D5-RRDSA4-36 | 147 | D5-RRD-36 | D6-RRDSA4-36 | 148 | D6-RRD-36 |
| 42 | D5-RRDSA4-42 | 156 | D5-RRD-42 | D6-RRDSA4-42 | 160 | D6-RRD-42 |
| 48 | D5-RRDSA4-48 | 166 | D5-RRD-48 | D6-RRDSA4-48 | 173 | D6-RRD-48 |
| 54 | D5-RRDSA4-54 | 178 | D5-RRD-54 | D6-RRDSA4-54 | 185 | D6-RRD-54 |
| 60 | D5-RRDSA4-60 | 190 | D5-RRD-60 | D6-RRDSA4-60 | 197 | D6-RRD-60 |
| 72 | D5-RRDSA4-72 | 213 | D5-RRD-72 | D6-RRDSA4-72 | 222 | D6-RRD-72 |

Note: Guide rolls and accessories included, can also be sold separately (N-67).

Shoe-Type Self-Aligner Available For Reversing Belts

| Belt Width | Standard Dimensions | | | | | Wide Base | |
|------------|---------------------|------|------|----|-------|-----------|------|
| | A | B | C | D | G | Aw* | Cw* |
| 24 | 33 | 3.69 | 35.5 | 13 | 27.38 | 39 | 41.5 |
| 30 | 39 | 3.69 | 41.5 | 13 | 33.38 | 45 | 47.5 |
| 36 | 45 | 3.69 | 47.5 | 13 | 39.38 | 51 | 53.5 |
| 42 | 51 | 3.69 | 53.5 | 13 | 45.38 | 57 | 59.5 |
| 48 | 57 | 3.69 | 59.5 | 13 | 51.38 | 63 | 65.5 |
| 54 | 63 | 3.69 | 65.5 | 13 | 57.38 | 69 | 71.5 |
| 60 | 69 | 3.69 | 71.5 | 13 | 63.38 | 75 | 77.5 |
| 72 | 81 | 3.69 | 83.5 | 13 | 75.38 | 87 | 89.5 |

*Dimension not shown; for wide base.

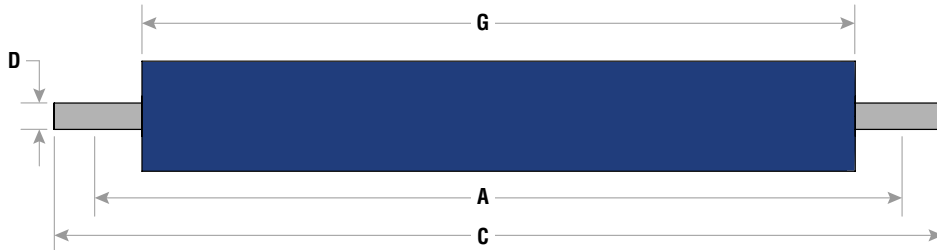


Steel Flat Carry Self-Aligners

| Belt Width | 5" Roll Diameter | | | 6" Roll Diameter | | |
|------------|------------------|-----|------------------|------------------|-----|------------------|
| | Part Number | Wt. | Replacement Roll | Part Number | Wt. | Replacement Roll |
| 24 | D5-FSA-24-09 | 93 | D5-R-24-09 | D6-FSA-24-09 | 97 | D6-R-24-09 |
| 30 | D5-FSA-30-09 | 106 | D5-R-30-09 | D6-FSA-30-09 | 111 | D6-R-30-09 |
| 36 | D5-FSA-36-09 | 118 | D5-R-36-09 | D6-FSA-36-09 | 122 | D6-R-36-09 |
| 42 | D5-FSA-42-09 | 129 | D5-R-42-09 | D6-FSA-42-09 | 134 | D6-R-42-09 |
| 48 | D5-FSA-48-09 | 140 | D5-R-48-09 | D6-FSA-48-09 | 147 | D6-R-48-09 |
| 54 | D5-FSA-54-09 | 152 | D5-R-54-09 | D6-FSA-54-09 | 160 | D6-R-54-09 |
| 60 | D5-FSA-60-09 | 164 | D5-R-60-09 | D6-FSA-60-09 | 172 | D6-R-60-09 |
| 72 | D5-FSA-72-09 | 187 | D5-R-72-09 | D6-FSA-72-09 | 197 | D6-R-72-09 |

Note: Guide rolls and accessories included, can also be sold separately (N-67).

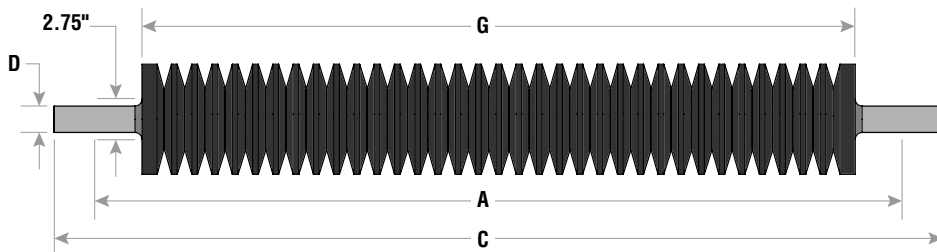
CEMA D Live Shaft Rolls



| Belt Width | Standard Dimensions | | |
|------------|---------------------|-------|-------|
| | A | C | G |
| 24 | 33 | 37.75 | 27.38 |
| 30 | 39 | 43.75 | 33.38 |
| 36 | 45 | 49.75 | 39.38 |
| 42 | 51 | 55.75 | 45.38 |
| 48 | 57 | 61.75 | 51.38 |
| 54 | 63 | 67.75 | 57.38 |
| 60 | 69 | 73.75 | 63.38 |
| 72 | 81 | 85.75 | 75.38 |

Steel Live Shaft Roll

| Belt Width | 5" Roll Diameter | | 6" Roll Diameter | |
|------------|------------------|-----|------------------|-----|
| | Part Number | Wt. | Part Number | Wt. |
| | D = 1.94" | | D = 1.94" | |
| 24 | D5-LR31-24-09 | 59 | D6-LR31-24-09 | 64 |
| 30 | D5-LR31-30-09 | 71 | D6-LR31-30-09 | 77 |
| 36 | D5-LR31-36-09 | 81 | D6-LR31-36-09 | 89 |
| 42 | D5-LR31-42-09 | 93 | D6-LR31-42-09 | 101 |
| 48 | D5-LR31-48-09 | 103 | D6-LR31-48-09 | 112 |
| 54 | D5-LR31-54-09 | 115 | D6-LR31-54-09 | 125 |
| 60 | D5-LR31-60-09 | 125 | D6-LR31-60-09 | 136 |
| 72 | D5-LR31-72-09 | 148 | D6-LR31-72-09 | 159 |

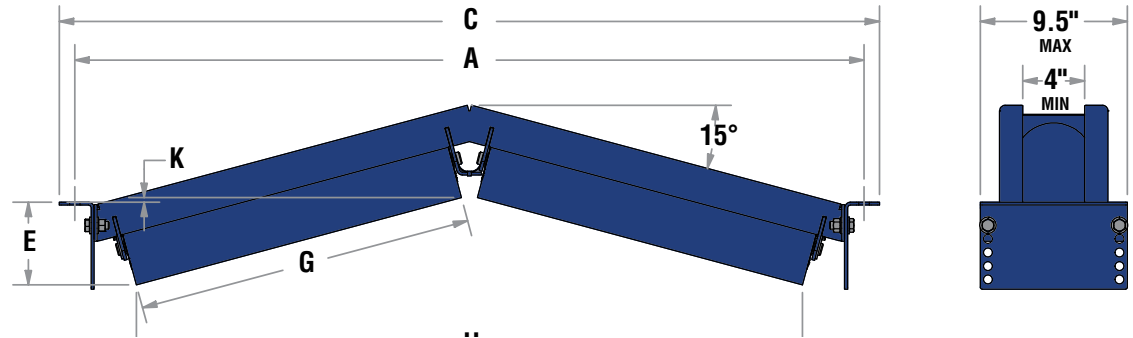


| Belt Width | Standard Dimensions | | |
|------------|---------------------|-------|-------|
| | A | C | G |
| 24 | 33 | 37.75 | 27.38 |
| 30 | 39 | 43.75 | 33.38 |
| 36 | 45 | 49.75 | 39.38 |
| 42 | 51 | 55.75 | 45.38 |
| 48 | 57 | 61.75 | 51.38 |
| 54 | 63 | 67.75 | 57.38 |
| 60 | 69 | 73.75 | 63.38 |
| 72 | 81 | 85.75 | 75.38 |

Impact Live Shaft Roll

| Belt Width | 5" Roll Diameter | | 6" Roll Diameter | |
|------------|------------------|-----|------------------|-----|
| | Part Number | Wt. | Part Number | Wt. |
| | D = 1.94" | | D = 1.94" | |
| 24 | D5-LI31-24 | 78 | D6-LI31-24 | 85 |
| 30 | D5-LI31-30 | 94 | D6-LI31-30 | 101 |
| 36 | D5-LI31-36 | 108 | D6-LI31-36 | 118 |
| 42 | D5-LI31-42 | 123 | D6-LI31-42 | 134 |
| 48 | D5-LI31-48 | 137 | D6-LI31-48 | 150 |
| 54 | D5-LI31-54 | 153 | D6-LI31-54 | 167 |
| 60 | D5-LI31-60 | 166 | D6-LI31-60 | 183 |
| 72 | D5-LI31-72 | 195 | D6-LI31-72 | 216 |

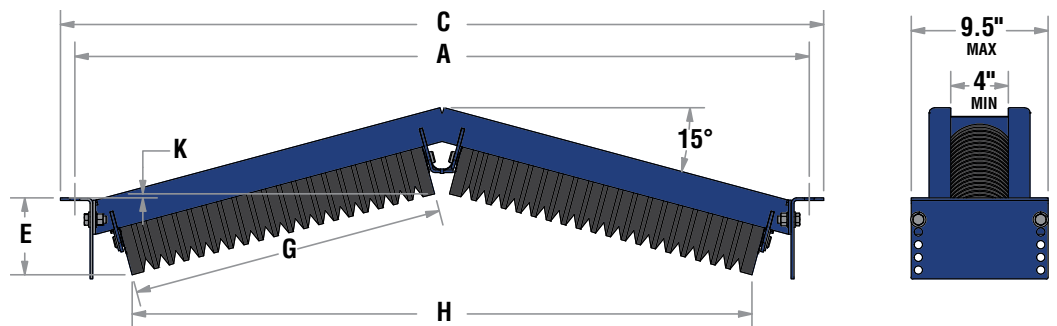
| Belt Width | Standard Dimensions | | |
|------------|---------------------|----|-------|
| | A | C | G |
| 24 | 33 | 35 | 13.25 |
| 30 | 39 | 41 | 15.44 |
| 36 | 45 | 47 | 17.63 |
| 42 | 51 | 53 | 21.75 |
| 48 | 57 | 59 | 23.38 |
| 54 | 63 | 65 | 27.38 |
| 60 | 69 | 71 | 30.88 |
| 72 | 81 | 83 | 37 |



Steel 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 | 5.50 | 26.63 | 2.00 | 55 | D5-T-36-09 | D6-15IV-24-09 | 6.00 | 26.38 | 2.50 | 59 | D6-T-36-09 |
| 30 | D5-15IV-30-09 | 5.25 | 30.94 | 1.25 | 61 | D5-T-42-09 | D6-15IV-30-09 | 5.75 | 30.63 | 1.75 | 66 | D6-T-42-09 |
| 36 | D5-15IV-36-09 | 5.00 | 35.00 | 0.44 | 69 | D5-T-48-09 | D6-15IV-36-09 | 5.50 | 34.81 | 0.94 | 74 | D6-T-48-09 |
| 42 | D5-15IV-42-09 | 5.25 | 43.00 | 0.38 | 78 | D5-T-60-09 | D6-15IV-42-09 | 5.75 | 42.75 | 0.13 | 84 | D6-T-60-09 |
| 48 | D5-15IV-48-09 | 4.88 | 46.19 | 1.13 | 81 | D5-R-20-09 | D6-15IV-48-09 | 5.38 | 45.94 | 0.69 | 89 | D6-R-20-09 |
| 54 | D5-15IV-54-09 | 5.13 | 53.94 | 2.00 | 91 | D5-R-24-09 | D6-15IV-54-09 | 5.63 | 53.69 | 1.50 | 99 | D6-R-24-09 |
| 60 | D5-15IV-60-09 | 5.25 | 60.69 | 2.75 | 100 | D5-IV-60-09 | D6-15IV-60-09 | 5.75 | 60.44 | 2.25 | 110 | D6-IV-60-09 |
| 72 | D5-15IV-72-09 | 5.25 | 75.5 | 4.31 | 116 | D5-IV-72-09 | D6-15IV-72-09 | 5.75 | 72.25 | 3.81 | 127 | D6-IV-72-09 |

| Belt Width | Standard Dimensions | | |
|------------|---------------------|----|-------|
| | A | C | G |
| 24 | 33 | 35 | 13.25 |
| 30 | 39 | 41 | 15.44 |
| 36 | 45 | 47 | 17.63 |
| 42 | 51 | 53 | 21.75 |
| 48 | 57 | 59 | 23.38 |
| 54 | 63 | 65 | 27.38 |
| 60 | 69 | 71 | 30.88 |
| 72 | 81 | 83 | 37 |



Rubber Disc Inverted 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 | 5.50 | 26.63 | 2.00 | 55 | D5-TI-36 | D6-15IVRD-24 | 6.00 | 26.38 | 2.50 | 59 | D6-TI-36 |
| 30 | D5-15IVRD-30 | 5.25 | 30.94 | 1.25 | 63 | D5-TI-42 | D6-15IVRD-30 | 5.75 | 30.63 | 1.75 | 68 | D6-TI-42 |
| 36 | D5-15IVRD-36 | 5.00 | 35.00 | 0.44 | 72 | D5-TI-48 | D6-15IVRD-36 | 5.50 | 34.81 | 0.94 | 78 | D6-TI-48 |
| 42 | D5-15IVRD-42 | 5.25 | 43.00 | 0.38 | 82 | D5-TI-60 | D6-15IVRD-42 | 5.75 | 42.75 | 0.13 | 88 | D6-TI-60 |
| 48 | D5-15IVRD-48 | 4.88 | 46.19 | 1.13 | 86 | D5-FRD-20 | D6-15IVRD-48 | 5.38 | 45.94 | 0.69 | 95 | D6-FRD-20 |
| 54 | D5-15IVRD-54 | 5.13 | 53.94 | 2.00 | 96 | D5-FRD-24 | D6-15IVRD-54 | 5.63 | 53.69 | 1.50 | 106 | D6-FRD-24 |
| 60 | D5-15IVRD-60 | 5.25 | 60.69 | 2.75 | 107 | D5-IVRD-60 | D6-15IVRD-60 | 5.75 | 60.44 | 2.25 | 117 | D6-IVRD-60 |
| 72 | D5-15IVRD-72 | 5.25 | 75.5 | 4.31 | 124 | D5-IVRD-72 | D6-15IVRD-72 | 5.75 | 72.25 | 3.81 | 138 | D6-IVRD-72 |

CEMA E Series Idler Features and Benefits

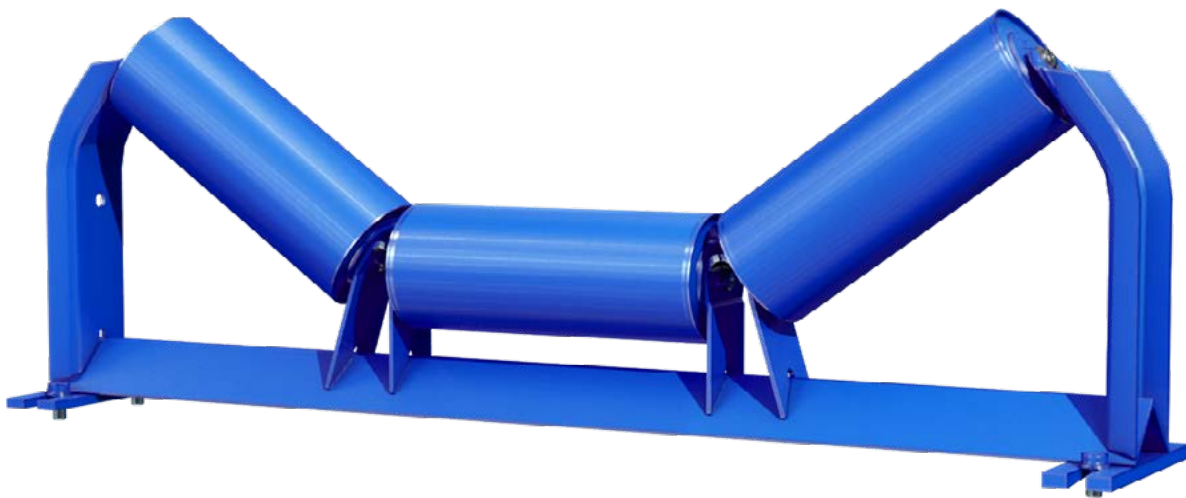


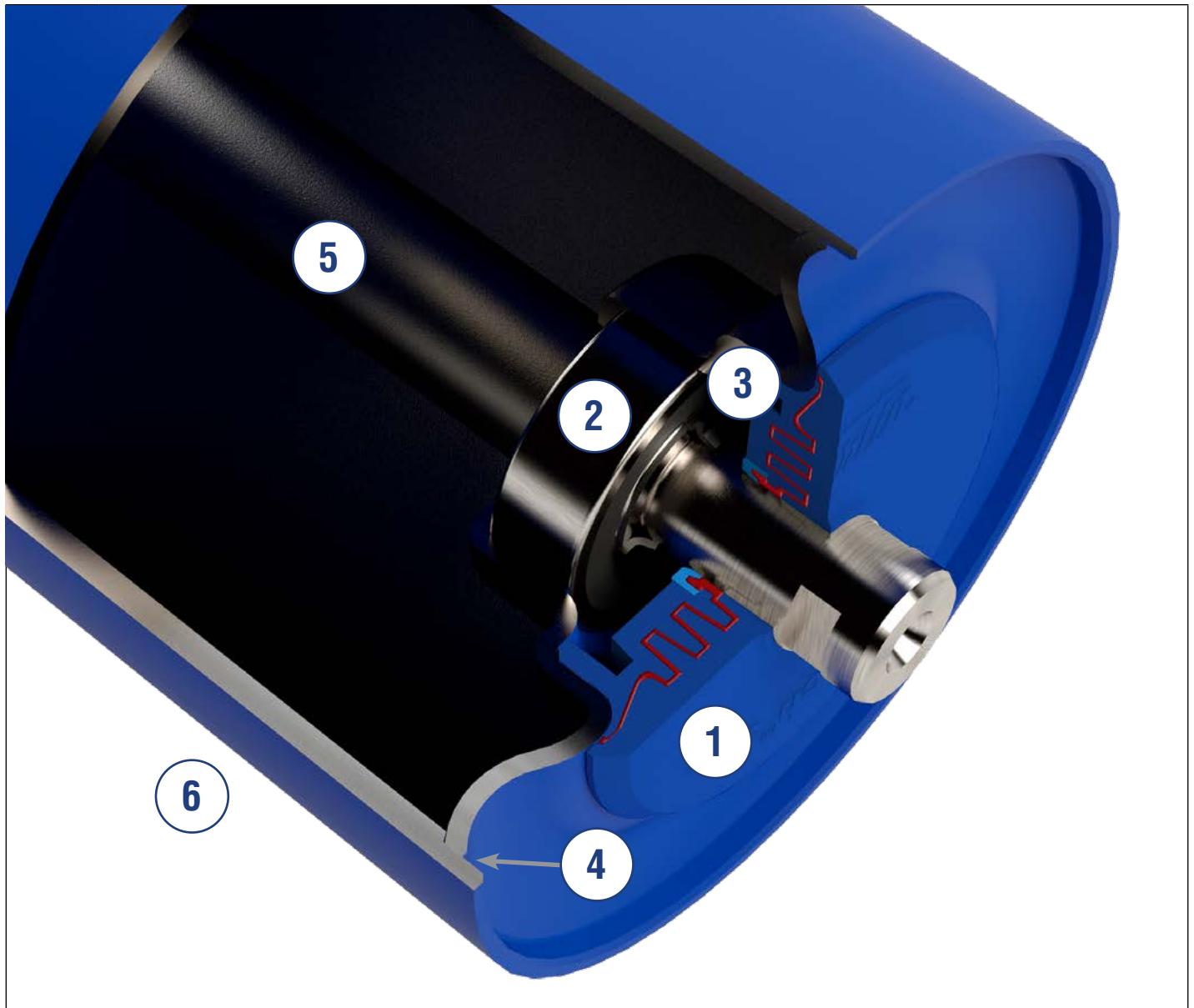
The E Series Idler sets a standard for the industry

- Manufactured using sealed for life ball bearings for long maintenance free operation
- 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
- Protected roll weld

CEMA E Load Ratings

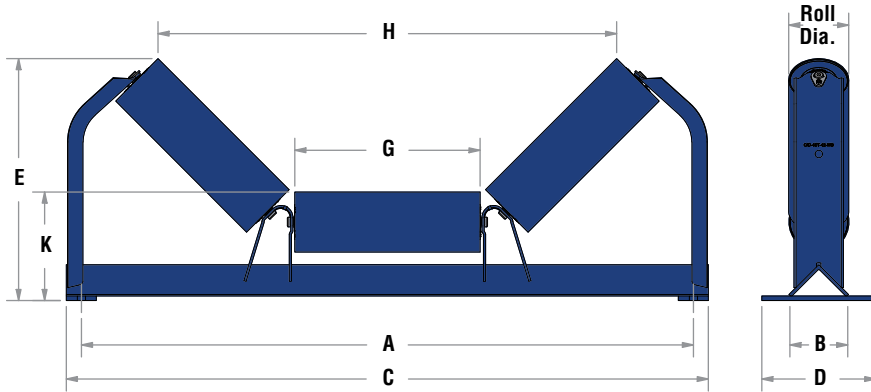
| Belt Width | Troughing Angle | | | Steel Return and Flat | Unequal (Picking) | Live Shaft |
|---------------------------|-----------------|------|------|-----------------------|-------------------|------------|
| | 20° | 35° | 45° | | | |
| 36 | 1800 | 1800 | 1800 | 1000 | 1260 | – |
| 42 | 1800 | 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 Steel V>Returns (All) | | | | 1300 | – | – |





| | |
|----------|--|
| 1 | Martin triple labyrinth seal design offers the following exclusive Martin bearing protection <ul style="list-style-type: none"> • External shield deters impurities from entering the bearing housing • Flinger design removes contaminants away from the bearing housing by centrifugal force • Grease is injected into the labyrinth chambers during manufacturing to add an additional layer of protection against bearing contamination • The contact lip seal adds an additional level of protection against moisture and fine particulate contaminants |
| 2 | CEMA E idlers have sealed for life ball bearings. |
| 3 | Martin CEMA E idlers offer low rolling resistance that allows for lower operating cost |
| 4 | Recessed and protected bearing housing weld protects against wear from belt |
| 5 | Oversized, solid steel shaft machined to 40 mm for bearings |
| 6 | Martin idlers have low TIR |
| 7 | CEMA E idlers standard product line is 36" to 96" belt widths. |

CEMA E Equal Steel Idlers



| Belt Width | Standard Dimensions | | | | | Wide Base | |
|------------|---------------------|-----|-------|------|-------|-----------|-------|
| | A | B | C | D | G | Aw* | Cw* |
| 36 | 45 | 7.5 | 48.5 | 12 | 13 | 51 | 54.5 |
| 42 | 51 | 7.5 | 54.5 | 12 | 15 | 57 | 62.5 |
| 48 | 57 | 7.5 | 62.5 | 12 | 17.75 | 63 | 68 |
| 54 | 63 | 7.5 | 68 | 12 | 19.75 | 69 | 74 |
| 60 | 69 | 7.5 | 74 | 12 | 21.75 | 75 | 80 |
| 66 | 75 | 7.5 | 80 | 12 | 23.75 | 81 | 85.5 |
| 72 | 81 | 7.5 | 85.5 | 12 | 25.75 | 87 | 91.5 |
| 84 | 93 | 9 | 97 | 14.5 | 29.75 | 99 | 103.5 |
| 96 | 105 | 9 | 108.5 | 14.5 | 33.75 | 111 | 115.5 |

*Dimension not shown; for wide base.

20° Equal Steel Idlers

| 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 | 39.50 | 10.75 | 132 | E6-T-36-07 | E7-20T-36-04 | 15.81 | 39.19 | 11.25 | 158 | E7-T-36-04 |
| 42 | E6-20T-42-07 | 16.06 | 45.25 | 10.75 | 145 | E6-T-42-07 | E7-20T-42-04 | 16.50 | 44.94 | 11.25 | 173 | E7-T-42-04 |
| 48 | E6-20T-48-07 | 17.00 | 53.19 | 10.75 | 163 | E6-T-48-07 | E7-20T-48-04 | 17.44 | 52.81 | 11.25 | 197 | E7-T-48-04 |
| 54 | E6-20T-54-07 | 17.69 | 58.94 | 10.75 | 176 | E6-T-54-07 | E7-20T-54-04 | 18.13 | 58.63 | 11.25 | 214 | E7-T-54-04 |
| 60 | E6-20T-60-07 | 18.38 | 64.69 | 10.75 | 190 | E6-T-60-07 | E7-20T-60-04 | 18.81 | 64.38 | 11.25 | 231 | E7-T-60-04 |
| 66 | E6-20T-66-07 | 19.41 | 70.44 | 11.50 | 229 | E6-T-66-07 | E7-20T-66-04 | 19.88 | 70.13 | 12.00 | 271 | E7-T-66-04 |
| 72 | E6-20T-72-07 | 20.44 | 76.19 | 11.50 | 242 | E6-T-72-07 | E7-20T-72-04 | 20.94 | 75.88 | 12.00 | 290 | E7-T-72-04 |
| 84 | E6-20T-84-07 | 21.94 | 87.75 | 11.63 | 275 | E6-T-84-07 | E7-20T-84-04 | 22.44 | 87.38 | 12.13 | 331 | E7-T-84-04 |
| 96 | E6-20T-96-07 | 23.31 | 99.25 | 11.63 | 305 | E6-T-96-07 | E7-20T-96-04 | 23.81 | 98.94 | 12.13 | 368 | E7-T-96-04 |

35° Equal Steel Idlers

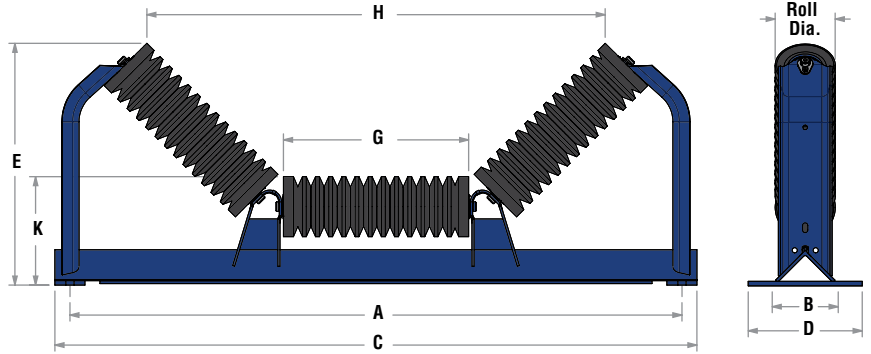
| Belt Width | 6" Roll Diameter | | | | | | 7" Roll Diameter | | | | | |
|------------|------------------|-------|-------|-------|-----|------------------|------------------|-------|-------|-------|-----|------------------|
| | Part Number | E | H | K | Wt. | Replacement Roll | Part Number | E | H | K | Wt. | Replacement Roll |
| 36 | E6-35T-36-07 | 18.44 | 35.63 | 10.75 | 136 | E6-T-36-07 | E7-35T-36-04 | 18.81 | 35.06 | 11.25 | 161 | E7-T-36-04 |
| 42 | E6-35T-42-07 | 19.56 | 40.94 | 10.75 | 150 | E6-T-42-07 | E7-35T-42-04 | 19.94 | 40.31 | 11.25 | 177 | E7-T-42-04 |
| 48 | E6-35T-48-07 | 21.13 | 48.19 | 10.75 | 169 | E6-T-48-07 | E7-35T-48-04 | 21.56 | 47.56 | 11.25 | 201 | E7-T-48-04 |
| 54 | E6-35T-54-07 | 22.25 | 53.44 | 10.75 | 182 | E6-T-54-07 | E7-35T-54-04 | 22.69 | 52.88 | 11.25 | 218 | E7-T-54-04 |
| 60 | E6-35T-60-07 | 23.44 | 58.69 | 10.75 | 196 | E6-T-60-07 | E7-35T-60-04 | 23.81 | 58.13 | 11.25 | 236 | E7-T-60-04 |
| 66 | E6-35T-66-07 | 24.94 | 63.97 | 11.50 | 235 | E6-T-66-07 | E7-35T-66-04 | 25.34 | 63.41 | 12.00 | 277 | E7-T-66-04 |
| 72 | E6-35T-72-07 | 26.44 | 69.25 | 11.50 | 250 | E6-T-72-07 | E7-35T-72-04 | 26.88 | 68.69 | 12.00 | 296 | E7-T-72-04 |
| 84 | E6-35T-84-07 | 28.88 | 79.81 | 11.63 | 285 | E6-T-84-07 | E7-35T-84-04 | 29.25 | 79.25 | 12.13 | 338 | E7-T-84-04 |
| 96 | E6-35T-96-07 | 31.19 | 90.38 | 11.63 | 315 | E6-T-96-07 | E7-35T-96-04 | 31.56 | 89.81 | 12.13 | 375 | E7-T-96-04 |

45° Equal Steel Idlers

| 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 | 20.25 | 32.88 | 10.75 | 138 | E6-T-36-07 | E7-45T-36-04 | 20.63 | 32.19 | 11.25 | 163 | E7-T-36-04 |
| 42 | E6-45T-42-07 | 21.69 | 37.75 | 10.75 | 152 | E6-T-42-07 | E7-45T-42-04 | 22.00 | 37.00 | 11.25 | 180 | E7-T-42-04 |
| 48 | E6-45T-48-07 | 23.63 | 44.38 | 10.75 | 171 | E6-T-48-07 | E7-45T-48-04 | 24.00 | 43.69 | 11.25 | 204 | E7-T-48-04 |
| 54 | E6-45T-54-07 | 25.00 | 49.19 | 10.75 | 184 | E6-T-54-07 | E7-45T-54-04 | 25.38 | 48.50 | 11.25 | 221 | E7-T-54-04 |
| 60 | E6-45T-60-07 | 26.44 | 54.00 | 10.75 | 198 | E6-T-60-07 | E7-45T-60-04 | 26.81 | 53.31 | 11.25 | 239 | E7-T-60-04 |
| 66 | E6-45T-66-07 | 28.22 | 58.84 | 11.50 | 237 | E6-T-66-07 | E7-45T-66-04 | 28.59 | 58.16 | 12.00 | 279 | E7-T-66-04 |
| 72 | E6-45T-72-07 | 30.00 | 63.69 | 11.50 | 252 | E6-T-72-07 | E7-45T-72-04 | 30.38 | 63.00 | 12.00 | 299 | E7-T-72-04 |
| 84 | E6-45T-84-07 | 33.00 | 73.31 | 11.63 | 287 | E6-T-84-07 | E7-45T-84-04 | 33.31 | 72.63 | 12.13 | 342 | E7-T-84-04 |
| 96 | E6-45T-96-07 | 35.81 | 83.00 | 11.63 | 318 | E6-T-96-07 | E7-45T-96-04 | 36.19 | 82.31 | 12.13 | 379 | E7-T-96-04 |

| Belt Width | Standard Dimensions | | | | | Wide Base | |
|------------|---------------------|-----|-------|------|-------|-----------|-------|
| | A | B | C | D | G | Aw* | Cw* |
| 36 | 45 | 7.5 | 48.5 | 12 | 13 | 51 | 54.5 |
| 42 | 51 | 7.5 | 54.5 | 12 | 15 | 57 | 62.5 |
| 48 | 57 | 7.5 | 62.5 | 12 | 17.75 | 63 | 68 |
| 54 | 63 | 7.5 | 68 | 12 | 19.75 | 69 | 74 |
| 60 | 69 | 7.5 | 74 | 12 | 21.75 | 75 | 80 |
| 66 | 75 | 7.5 | 80 | 12 | 23.75 | 81 | 85.5 |
| 72 | 81 | 7.5 | 85.5 | 12 | 25.75 | 87 | 91.5 |
| 84 | 93 | 9 | 97 | 14.5 | 29.75 | 99 | 103.5 |
| 96 | 105 | 9 | 108.5 | 14.5 | 33.75 | 111 | 115.5 |

*Dimension not shown; for wide base.



20° Equal Impact Idlers

| 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 | 39.50 | 10.75 | 178 | E6-TI-36 | E7-20TI-36 | 15.81 | 39.19 | 11.25 | 188 | E7-TI-36 |
| 42 | E6-20TI-42 | 16.06 | 45.25 | 10.75 | 198 | E6-TI-42 | E7-20TI-42 | 16.50 | 44.94 | 11.25 | 210 | E7-TI-42 |
| 48 | E6-20TI-48 | 17.00 | 53.19 | 10.75 | 226 | E6-TI-48 | E7-20TI-48 | 17.44 | 52.81 | 11.25 | 239 | E7-TI-48 |
| 54 | E6-20TI-54 | 17.69 | 58.94 | 10.75 | 246 | E6-TI-54 | E7-20TI-54 | 18.13 | 58.63 | 11.25 | 260 | E7-TI-54 |
| 60 | E6-20TI-60 | 18.38 | 64.69 | 10.75 | 268 | E6-TI-60 | E7-20TI-60 | 18.81 | 64.38 | 11.25 | 285 | E7-TI-60 |
| 66 | E6-20TI-66 | 19.41 | 70.44 | 11.50 | 310 | E6-TI-66 | E7-20TI-66 | 19.88 | 70.13 | 12.00 | 328 | E7-TI-66 |
| 72 | E6-20TI-72 | 20.44 | 76.19 | 11.50 | 351 | E6-TI-72 | E7-20TI-72 | 20.94 | 75.88 | 12.00 | 370 | E7-TI-72 |
| 84 | E6-20TI-84 | 21.94 | 87.75 | 11.63 | 404 | E6-TI-84 | E7-20TI-84 | 22.44 | 87.38 | 12.13 | 426 | E7-TI-84 |
| 96 | E6-20TI-96 | 23.31 | 99.25 | 11.63 | 453 | E6-TI-96 | E7-20TI-96 | 23.81 | 98.94 | 12.13 | 479 | E7-TI-96 |

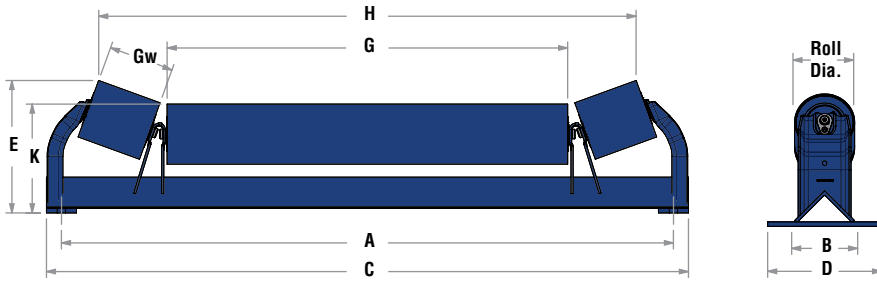
35° Equal Impact Idlers

| 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 | 18.44 | 35.63 | 10.75 | 182 | E6-TI-36 | E7-35TI-36 | 18.81 | 35.06 | 11.25 | 193 | E7-TI-36 |
| 42 | E6-35TI-42 | 19.56 | 40.94 | 10.75 | 203 | E6-TI-42 | E7-35TI-42 | 19.94 | 40.31 | 11.25 | 215 | E7-TI-42 |
| 48 | E6-35TI-48 | 21.13 | 48.19 | 10.75 | 231 | E6-TI-48 | E7-35TI-48 | 21.56 | 47.56 | 11.25 | 245 | E7-TI-48 |
| 54 | E6-35TI-54 | 22.25 | 53.44 | 10.75 | 252 | E6-TI-54 | E7-35TI-54 | 22.69 | 52.88 | 11.25 | 267 | E7-TI-54 |
| 60 | E6-35TI-60 | 23.44 | 58.69 | 10.75 | 275 | E6-TI-60 | E7-35TI-60 | 23.81 | 58.13 | 11.25 | 292 | E7-TI-60 |
| 66 | E6-35TI-66 | 24.94 | 63.97 | 11.50 | 317 | E6-TI-66 | E7-35TI-66 | 25.34 | 63.41 | 12.00 | 335 | E7-TI-66 |
| 72 | E6-35TI-72 | 26.44 | 69.25 | 11.50 | 358 | E6-TI-72 | E7-35TI-72 | 26.88 | 68.69 | 12.00 | 378 | E7-TI-72 |
| 84 | E6-35TI-84 | 28.88 | 79.81 | 11.63 | 412 | E6-TI-84 | E7-35TI-84 | 29.25 | 79.25 | 12.13 | 435 | E7-TI-84 |
| 96 | E6-35TI-96 | 31.19 | 90.38 | 11.63 | 461 | E6-TI-96 | E7-35TI-96 | 31.56 | 89.81 | 12.13 | 488 | E7-TI-96 |

45° Equal Impact Idlers

| 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 | 20.25 | 32.88 | 10.75 | 186 | E6-TI-36 | E7-45TI-36 | 20.63 | 32.19 | 11.25 | 196 | E7-TI-36 |
| 42 | E6-45TI-42 | 21.69 | 37.75 | 10.75 | 207 | E6-TI-42 | E7-45TI-42 | 22.00 | 37.00 | 11.25 | 218 | E7-TI-42 |
| 48 | E6-45TI-48 | 23.63 | 44.38 | 10.75 | 235 | E6-TI-48 | E7-45TI-48 | 24.00 | 43.69 | 11.25 | 249 | E7-TI-48 |
| 54 | E6-45TI-54 | 25.00 | 49.19 | 10.75 | 256 | E6-TI-54 | E7-45TI-54 | 25.38 | 48.50 | 11.25 | 271 | E7-TI-54 |
| 60 | E6-45TI-60 | 26.44 | 54.00 | 10.75 | 279 | E6-TI-60 | E7-45TI-60 | 26.81 | 53.31 | 11.25 | 296 | E7-TI-60 |
| 66 | E6-45TI-66 | 28.22 | 58.84 | 11.50 | 321 | E6-TI-66 | E7-45TI-66 | 28.59 | 58.16 | 12.00 | 340 | E7-TI-66 |
| 72 | E6-45TI-72 | 30.00 | 63.69 | 11.50 | 363 | E6-TI-72 | E7-45TI-72 | 30.38 | 63.00 | 12.00 | 383 | E7-TI-72 |
| 84 | E6-45TI-84 | 33.00 | 73.31 | 11.63 | 417 | E6-TI-84 | E7-45TI-84 | 33.31 | 72.63 | 12.13 | 440 | E7-TI-84 |
| 96 | E6-45TI-96 | 35.81 | 83.00 | 11.63 | 467 | E6-TI-96 | E7-45TI-96 | 36.19 | 82.31 | 12.13 | 494 | E7-TI-96 |

CEMA E Unequal Steel Idlers



| Belt Width | Standard Dimensions | | | | Wide Base | |
|------------|---------------------|-----|-------|------|-----------|-------|
| | A | B | C | D | Aw* | Cw* |
| 36 | 45 | 7.5 | 48.5 | 12 | 51 | 54.5 |
| 42 | 51 | 7.5 | 54.5 | 12 | 57 | 62.5 |
| 48 | 57 | 7.5 | 62.5 | 12 | 63 | 68 |
| 54 | 63 | 7.5 | 68 | 12 | 69 | 74 |
| 60 | 69 | 7.5 | 74 | 12 | 75 | 80 |
| 66 | 75 | 7.5 | 80 | 12 | 81 | 85.5 |
| 72 | 81 | 7.5 | 85.5 | 12 | 87 | 91.5 |
| 84 | 93 | 9 | 97 | 14.5 | 99 | 103.5 |
| 96 | 105 | 9 | 108.5 | 14.5 | 111 | 115.5 |

*Dimension not shown; for wide base.

20° Unequal Steel Idlers

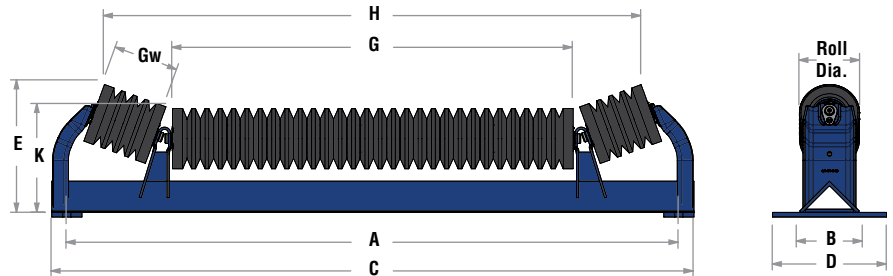
| Belt Width | G | Gw | 6" Roll Diameter | | | | | | |
|------------|-------|-----|------------------|-------|-------|-------|-----|-------------------------|-----------------------|
| | | | Part Number | E | H | K | Wt. | Replacement Center Roll | Replacement Wing Roll |
| 36 | 21.75 | 7.5 | E6-20U-36-07 | 13.5 | 37.94 | 10.75 | 128 | E6-T-60-07 | E6-T-20-07 |
| 42 | 25.75 | 7.5 | E6-20U-42-07 | 13.5 | 41.94 | 10.75 | 137 | E6-T-72-07 | |
| 48 | 33.75 | 7.5 | E6-20U-48-07 | 13.5 | 49.94 | 10.75 | 155 | E6-T-96-07 | |
| 54 | 40 | 7.5 | E6-20U-54-07 | 13.5 | 56.19 | 10.75 | 167 | E6-R-36-07 | |
| 60 | 46 | 7.5 | E6-20U-60-07 | 13.5 | 62.19 | 10.75 | 180 | E6-R-42-07 | |
| 66 | 52 | 7.5 | E6-20U-66-07 | 14.25 | 68.19 | 11.5 | 218 | E6-R-48-07 | |
| 72 | 58 | 7.5 | E6-20U-72-07 | 14.25 | 74.19 | 11.5 | 232 | E6-R-54-07 | |
| 84 | 70 | 7.5 | E6-20U-84-07 | 14.38 | 86.19 | 11.63 | 261 | E6-R-66-07 | |
| 96 | 83.5 | 7.5 | E6-20U-96-07 | 14.38 | 99.19 | 11.63 | 284 | E6-UC-96-07 | |

| Belt Width | G | Gw | 7" Roll Diameter | | | | | | |
|------------|-------|-----|------------------|-------|---------|-------|-------|-------------------------|-----------------------|
| | | | Part Number | E | H | K | Wt. | Replacement Center Roll | Replacement Wing Roll |
| 36 | 21.75 | 7.5 | E7-20U-36-04 | 13.94 | 37.5625 | 11.25 | 151 | E7-T-60-04 | E7-T-20-04 |
| 42 | 25.75 | 7.5 | E7-20U-42-04 | 13.94 | 41.5625 | 11.25 | 163 | E7-T-72-04 | |
| 48 | 33.75 | 7.5 | E7-20U-48-04 | 13.94 | 49.5625 | 11.25 | 185 | E7-T-96-04 | |
| 54 | 40 | 7.5 | E7-20U-54-04 | 13.94 | 55.8125 | 11.25 | 201 | E7-R-36-04 | |
| 60 | 46 | 7.5 | E7-20U-60-04 | 13.94 | 61.8125 | 11.25 | 217 | E7-R-42-04 | |
| 66 | 52 | 7.5 | E7-20U-66-04 | 14.75 | 67.8125 | 12 | 259 | E7-R-48-04 | |
| 72 | 58 | 7.5 | E7-20U-72-04 | 14.75 | 73.8125 | 12 | 275.5 | E7-R-54-04 | |
| 84 | 70 | 7.5 | E7-20U-84-04 | 14.81 | 85.81 | 12.13 | 312 | E7-R-66-04 | |
| 96 | 83.5 | 7.5 | E7-20U-96-04 | 14.81 | 98.31 | 12.13 | 348 | E7-UC-96-04 | |

Split Center Roll Available

| Belt Width | Standard Dimensions | | | | Wide Base | |
|------------|---------------------|-----|-------|------|-----------|-------|
| | A | B | C | D | Aw* | Cw* |
| 36 | 45 | 7.5 | 48.5 | 12 | 51 | 54.5 |
| 42 | 51 | 7.5 | 54.5 | 12 | 57 | 62.5 |
| 48 | 57 | 7.5 | 62.5 | 12 | 63 | 68 |
| 54 | 63 | 7.5 | 68 | 12 | 69 | 74 |
| 60 | 69 | 7.5 | 74 | 12 | 75 | 80 |
| 66 | 75 | 7.5 | 80 | 12 | 81 | 85.5 |
| 72 | 81 | 7.5 | 85.5 | 12 | 87 | 91.5 |
| 84 | 93 | 9 | 97 | 14.5 | 99 | 103.5 |
| 96 | 105 | 9 | 108.5 | 14.5 | 111 | 115.5 |

*Dimension not shown; for wide base.

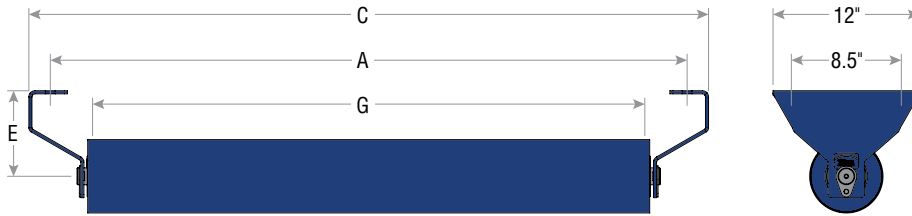


20° Unequal Impact Idlers

| Belt Width | G | Gw | 6" Roll Diameter | | | | | | |
|------------|-------|-----|------------------|-------|-------|-------|-------|-------------------------|-----------------------|
| | | | Part Number | E | H | K | Wt. | Replacement Center Roll | Replacement Wing Roll |
| 36 | 21.75 | 7.5 | E6-20UI-36 | 13.5 | 37.94 | 10.75 | 172 | E6-TI-60 | E6-TI-20 |
| 42 | 25.75 | 7.5 | E6-20UI-42 | 13.5 | 41.94 | 10.75 | 188 | E6-TI-72 | |
| 48 | 33.75 | 7.5 | E6-20UI-48 | 13.5 | 49.94 | 10.75 | 214 | E6-TI-96 | |
| 54 | 40 | 7.5 | E6-20UI-54 | 13.5 | 56.19 | 10.75 | 235 | E6-FRD-36 | |
| 60 | 46 | 7.5 | E6-20UI-60 | 13.5 | 62.19 | 10.75 | 255 | E6-FRD-42 | |
| 66 | 52 | 7.5 | E6-20UI-66 | 14.25 | 68.19 | 11.5 | 296.5 | E6-FRD-48 | |
| 72 | 58 | 7.5 | E6-20UI-72 | 14.25 | 74.19 | 11.5 | 338 | E6-FRD-54 | |
| 84 | 70 | 7.5 | E6-20UI-84 | 14.38 | 86.19 | 11.63 | 385 | E6-FRD-66 | |
| 96 | 83.5 | 7.5 | E6-20UI-96 | 14.38 | 99.19 | 11.63 | 423 | E6-UIC-96 | |

| Belt Width | G | Gw | 7" Roll Diameter | | | | | | |
|------------|-------|-----|------------------|-------|-------|-------|-------|-------------------------|-----------------------|
| | | | Part Number | E | H | K | Wt. | Replacement Center Roll | Replacement Wing Roll |
| 36 | 21.75 | 7.5 | E7-20UI-36 | 13.94 | 37.56 | 11.25 | 177 | E7-TI-60 | E7-TI-20 |
| 42 | 25.75 | 7.5 | E7-20UI-42 | 13.94 | 41.56 | 11.25 | 194 | E7-TI-72 | |
| 48 | 33.75 | 7.5 | E7-20UI-48 | 13.94 | 49.56 | 11.25 | 223 | E7-TI-96 | |
| 54 | 40 | 7.5 | E7-20UI-54 | 13.94 | 55.81 | 11.25 | 245 | E7-FRD-36 | |
| 60 | 46 | 7.5 | E7-20UI-60 | 13.94 | 61.81 | 11.25 | 267 | E7-FRD-42 | |
| 66 | 52 | 7.5 | E7-20UI-66 | 14.75 | 67.81 | 12 | 310.5 | E7-FRD-48 | |
| 72 | 58 | 7.5 | E7-20UI-72 | 14.75 | 73.81 | 12 | 354 | E7-FRD-54 | |
| 84 | 70 | 7.5 | E7-20UI-84 | 14.81 | 85.81 | 12.13 | 403 | E7-FRD-66 | |
| 96 | 83.5 | 7.5 | E7-20UI-96 | 14.81 | 98.31 | 12.13 | 443 | E7-UIC-96 | |

CEMA E Steel Returns



| 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 |

Steel Returns (E = 4.5", Belt Saver)

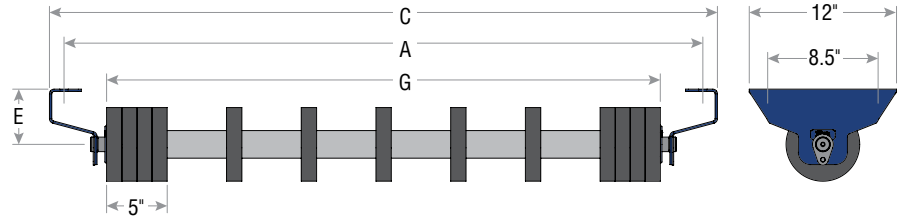
| Belt Width | 6" Roll Diameter | | | 7" Roll Diameter | | |
|------------|------------------|-----|------------------|------------------|-----|------------------|
| | Part Number | Wt. | Replacement Roll | Part Number | Wt. | Replacement Roll |
| 36 | E6-R-36-07-4S | 63 | E6-R-36-07 | E7-R-36-04-4S | 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 |

Steel 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 included, can also be sold separately (page N-66).

| 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 |



Rubber Disc Returns (E = 4.5" Belt Saver)

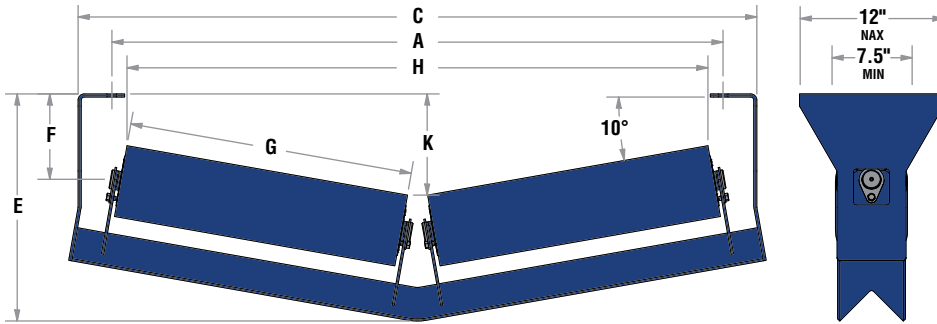
| Belt Width | 6" Roll Diameter | | | 7" Roll Diameter | | |
|------------|------------------|-----|------------------|------------------|-----|------------------|
| | Part Number | Wt. | Replacement Roll | Part Number | Wt. | Replacement Roll |
| 36 | E6-RRD-36-4S | 59 | E6-RRD-36 | E7-RRD-36-4S | 65 | 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 |

Rubber Disc 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-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 included, can also be sold separately (page N-66).

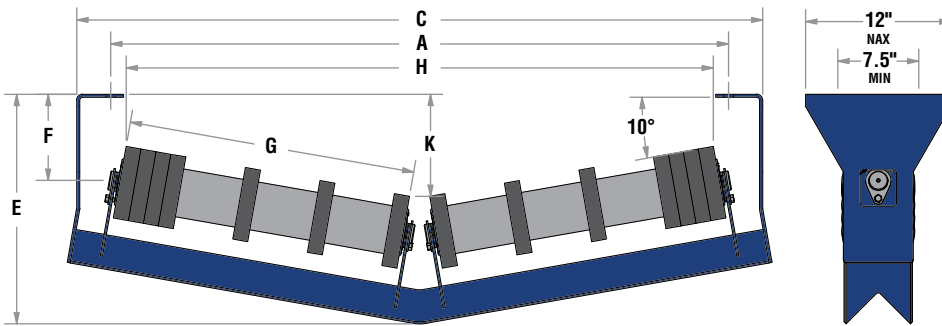
CEMA E V>Returns



| Belt Width | Standard Dimensions | | |
|------------|---------------------|--------|-------|
| | A | C | G |
| 36 | 45 | 50.63 | 19.75 |
| 42 | 51 | 56.63 | 23.75 |
| 48 | 57 | 62.63 | 25.75 |
| 54 | 63 | 68.63 | 29.75 |
| 60 | 69 | 74.63 | 33.75 |
| 66 | 75 | 80.63 | 35.75 |
| 72 | 81 | 86.63 | 40 |
| 84 | 93 | 98.63 | 46 |
| 96 | 105 | 110.63 | 52 |

Steel 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 | 18.44 | 40.56 | 7.94 | 131 | E6-T-54-07 | E7-10V7-36-04 | 18.44 | 40.44 | 7.44 | 154 | E7-T-54-04 |
| 42 | E6-10V7-42-07 | 18.94 | 48.44 | 8.44 | 147 | E6-T-66-07 | E7-10V7-42-04 | 18.94 | 48.31 | 7.94 | 175 | E7-T-66-04 |
| 48 | E6-10V7-48-07 | 19.44 | 52.38 | 8.94 | 157 | E6-T-72-07 | E7-10V7-48-04 | 19.44 | 52.25 | 8.50 | 187 | E7-T-72-04 |
| 54 | E6-10V7-54-07 | 20 | 63.06 | 9.50 | 173 | E6-T-84-07 | E7-10V7-54-04 | 20 | 60.13 | 9.00 | 208 | E7-T-84-04 |
| 60 | E6-10V7-60-07 | 20.5 | 68.00 | 10.00 | 189 | E6-T-96-07 | E7-10V7-60-04 | 20.5 | 67.88 | 9.50 | 229 | E7-T-96-04 |
| 66 | E6-10V7-66-07 | 21.06 | 72.00 | 10.56 | 199 | E6-V-66-07 | E7-10V7-66-04 | 21.06 | 71.81 | 10.00 | 241 | E7-V-66-04 |
| 72 | E6-10V7-72-07 | 21.56 | 80.25 | 11.13 | 216 | E6-R-36-07 | E7-10V7-72-04 | 21.56 | 80.00 | 10.63 | 263 | E7-R-36-04 |
| 84 | E6-10V7-84-07 | 22.63 | 92.25 | 12.13 | 242 | E6-R-42-07 | E7-10V7-84-04 | 22.63 | 92.13 | 11.63 | 296 | E7-R-42-04 |
| 96 | E6-10V7-96-07 | 23.69 | 104.00 | 13.19 | 268 | E6-R-48-07 | E7-10V7-96-04 | 23.69 | 103.94 | 12.69 | 328 | E7-R-48-04 |

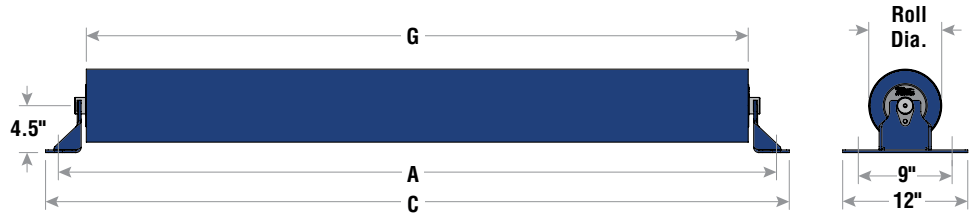


| Belt Width | Standard Dimensions | | |
|------------|---------------------|--------|-------|
| | A | C | G |
| 36 | 45 | 50.63 | 19.75 |
| 42 | 51 | 56.63 | 23.75 |
| 48 | 57 | 62.63 | 25.75 |
| 54 | 63 | 68.63 | 29.75 |
| 60 | 69 | 74.63 | 33.75 |
| 66 | 75 | 80.63 | 35.75 |
| 72 | 81 | 86.63 | 40 |
| 84 | 93 | 98.63 | 46 |
| 96 | 105 | 110.63 | 52 |

Rubber Disc 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 | E6-10VRD7-36 | 18.44 | 40.56 | 7.94 | 135 | E6-VRD-36 | E7-10VRD7-36 | 18.44 | 40.44 | 7.44 | 139 | E7-VRD-36 |
| 42 | E6-10VRD7-42 | 18.94 | 48.44 | 8.44 | 151 | E6-VRD-42 | E7-10VRD7-42 | 18.94 | 48.31 | 7.94 | 155 | E7-VRD-42 |
| 48 | E6-10VRD7-48 | 19.44 | 52.38 | 8.94 | 161 | E6-VRD-48 | E7-10VRD7-48 | 19.44 | 52.25 | 8.50 | 167 | E7-VRD-48 |
| 54 | E6-10VRD7-54 | 20 | 63.06 | 9.50 | 177 | E6-VRD-54 | E7-10VRD7-54 | 20 | 60.13 | 9.00 | 181 | E7-VRD-54 |
| 60 | E6-10VRD7-60 | 20.5 | 68.00 | 10.00 | 193 | E6-VRD-60 | E7-10VRD7-60 | 20.5 | 67.88 | 9.50 | 203 | E7-VRD-60 |
| 66 | E6-10VRD7-66 | 21.06 | 72.00 | 10.56 | 207 | E6-VRD-66 | E7-10VRD7-66 | 21.06 | 71.81 | 10.00 | 215 | E7-VRD-66 |
| 72 | E6-10VRD7-72 | 21.56 | 80.25 | 11.13 | 229 | E6-VRD-72 | E7-10VRD7-72 | 21.56 | 80.00 | 10.63 | 242 | E7-VRD-72 |
| 84 | E6-10VRD7-84 | 22.63 | 92.25 | 12.13 | 257 | E6-VRD-84 | E7-10VRD7-84 | 22.63 | 92.13 | 11.63 | 270 | E7-VRD-84 |
| 96 | E6-10VRD7-96 | 23.69 | 104.00 | 13.19 | 279 | E6-VRD-96 | E7-10VRD7-96 | 23.69 | 103.94 | 12.69 | 298 | E7-VRD-96 |

| Belt Width | Standard Dimensions | | |
|------------|---------------------|-------|-----|
| | A | C | G |
| 36 | 45 | 47.5 | 40 |
| 42 | 51 | 53.5 | 46 |
| 48 | 57 | 59.5 | 52 |
| 54 | 63 | 65.5 | 58 |
| 60 | 69 | 71.5 | 64 |
| 66 | 75 | 77.5 | 70 |
| 72 | 81 | 83.5 | 76 |
| 84 | 93 | 95.5 | 88 |
| 96 | 105 | 107.5 | 100 |
| 102 | 111 | 113.5 | 106 |

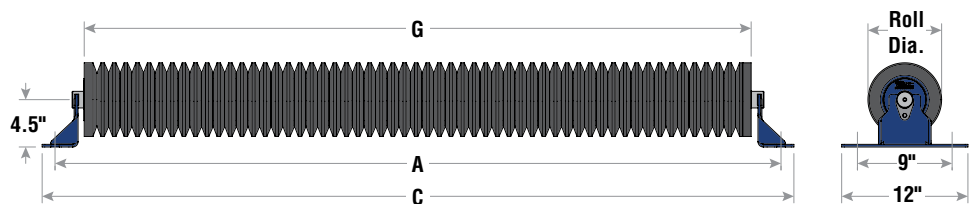


Steel Flat Carry (E = 4.5")

| Belt Width | 6" Roll Diameter | | | 7" Roll Diameter | | |
|------------|------------------|-----|------------------|------------------|-----|------------------|
| | Part Number | Wt. | Replacement Roll | Part Number | Wt. | Replacement Roll |
| 36 | E6-F-36-07-4 | 83 | E6-R-36-07 | E7-F-36-04-4 | 106 | E7-R-36-04 |
| 42 | E6-F-42-07-4 | 92 | E6-R-42-07 | E7-F-42-04-4 | 120 | E7-R-42-04 |
| 48 | E6-F-48-07-4 | 102 | E6-R-48-07 | E7-F-48-04-4 | 133 | E7-R-48-04 |
| 54 | E6-F-54-07-4 | 112 | E6-R-54-07 | E7-F-54-04-4 | 146 | E7-R-54-04 |
| 60 | E6-F-60-07-4 | 121 | E6-R-60-07 | E7-F-60-04-4 | 159 | E7-R-60-04 |
| 66 | E6-F-66-07-4 | 131 | E6-R-66-07 | E7-F-66-04-4 | 172 | E7-R-66-04 |
| 72 | E6-F-72-07-4 | 141 | E6-R-72-07 | E7-F-72-04-4 | 185 | E7-R-72-04 |
| 84 | E6-F-84-07-4 | 160 | E6-R-84-07 | E7-F-84-04-4 | 211 | E7-R-84-04 |
| 96 | E6-F-96-07-4 | 179 | E6-R-96-07 | E7-F-96-04-4 | 237 | E7-R-96-04 |
| 102 | E6-F-102-07-4 | 189 | E6-R-102-07 | E7-F-102-04-4 | 251 | E7-R-102-04 |

Note: Brackets included, can also be sold separately (page N-66).

| Belt Width | Standard Dimensions | | |
|------------|---------------------|-------|-----|
| | A | C | G |
| 36 | 45 | 47.5 | 40 |
| 42 | 51 | 53.5 | 46 |
| 48 | 57 | 59.5 | 52 |
| 54 | 63 | 65.5 | 58 |
| 60 | 69 | 71.5 | 64 |
| 66 | 75 | 77.5 | 70 |
| 72 | 81 | 83.5 | 76 |
| 84 | 93 | 95.5 | 88 |
| 96 | 105 | 107.5 | 100 |
| 102 | 111 | 113.5 | 106 |

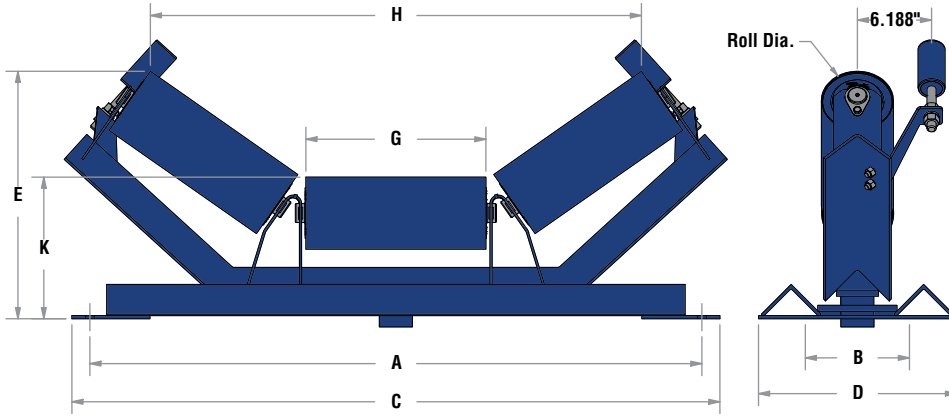


Impact Flat Carry (E = 4.5")

| Belt Width | 6" Roll Diameter | | | 7" Roll Diameter | | |
|------------|------------------|-----|------------------|------------------|-----|------------------|
| | Part Number | Wt. | Replacement Roll | Part Number | Wt. | Replacement Roll |
| 36 | E6-FRD-36-4 | 92 | E6-FRD-36 | E7-FRD-36-4 | 103 | E7-FRD-36 |
| 42 | E6-FRD-42-4 | 104 | E6-FRD-42 | E7-FRD-42-4 | 116 | E7-FRD-42 |
| 48 | E6-FRD-48-4 | 116 | E6-FRD-48 | E7-FRD-48-4 | 129 | E7-FRD-48 |
| 54 | E6-FRD-54-4 | 127 | E6-FRD-54 | E7-FRD-54-4 | 142 | E7-FRD-54 |
| 60 | E6-FRD-60-4 | 134 | E6-FRD-60 | E7-FRD-60-4 | 155 | E7-FRD-60 |
| 66 | E6-FRD-66-4 | 150 | E6-FRD-66 | E7-FRD-66-4 | 169 | E7-FRD-66 |
| 72 | E6-FRD-72-4 | 162 | E6-FRD-72 | E7-FRD-72-4 | 182 | E7-FRD-72 |
| 84 | E6-FRD-84-4 | 185 | E6-FRD-84 | E7-FRD-84-4 | 208 | E7-FRD-84 |
| 96 | E6-FRD-96-4 | 208 | E6-FRD-96 | E7-FRD-96-4 | 234 | E7-FRD-96 |
| 102 | E6-FRD-102-4 | 220 | E6-FRD-102 | E7-FRD-102-4 | 248 | E7-FRD-102 |

Note: Brackets included, can also be sold separately (page N-66).

CEMA E Equal Steel Idler Self-Aligners



| Belt Width | Standard Dimensions | | | | | Wide Base | |
|------------|---------------------|-----|-----|------|-------|-----------|-----|
| | A | B | C | D | G | Aw* | Cw* |
| 36 | 45 | 9.5 | 48 | 16.5 | 13 | 51 | 54 |
| 42 | 51 | 9.5 | 54 | 16.5 | 15 | 57 | 60 |
| 48 | 57 | 9.5 | 60 | 16.5 | 17.75 | 63 | 66 |
| 54 | 63 | 9.5 | 66 | 16.5 | 19.75 | 69 | 72 |
| 60 | 69 | 9.5 | 72 | 16.5 | 21.75 | 75 | 78 |
| 66 | 75 | 9.5 | 78 | 16.5 | 23.75 | 81 | 84 |
| 72 | 81 | 9.5 | 84 | 16.5 | 25.75 | 87 | 90 |
| 84 | 93 | 9.5 | 96 | 21.5 | 29.75 | 99 | 102 |
| 96 | 105 | 9.5 | 108 | 21.5 | 33.75 | 111 | 114 |

*Dimension not shown; for wide base.

20° Equal Steel Idler Self-Aligners

| 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 | 16.44 | 39.50 | 11.75 | 196 | E6-T-36-07 | E7-20TSA-36-04 | 16.88 | 39.19 | 12.25 | 220 | E7-T-36-04 |
| 42 | E6-20TSA-42-07 | 17.13 | 45.25 | 11.75 | 214 | E6-T-42-07 | E7-20TSA-42-04 | 17.56 | 44.94 | 12.25 | 241 | E7-T-42-04 |
| 48 | E6-20TSA-48-07 | 18.06 | 53.19 | 11.75 | 238 | E6-T-48-07 | E7-20TSA-48-04 | 18.50 | 52.81 | 12.25 | 269 | E7-T-48-04 |
| 54 | E6-20TSA-54-07 | 18.75 | 58.94 | 11.75 | 256 | E6-T-54-07 | E7-20TSA-54-04 | 19.19 | 58.63 | 12.25 | 292 | E7-T-54-04 |
| 60 | E6-20TSA-60-07 | 19.44 | 64.69 | 11.75 | 275 | E6-T-60-07 | E7-20TSA-60-04 | 19.88 | 64.38 | 12.25 | 314 | E7-T-60-04 |
| 66 | E6-20TSA-66-07 | 20.38 | 70.44 | 12.06 | 294 | E6-T-66-07 | E7-20TSA-66-04 | 20.81 | 70.13 | 12.56 | 336 | E7-T-66-04 |
| 72 | E6-20TSA-72-07 | 21.06 | 76.19 | 12.06 | 312 | E6-T-72-07 | E7-20TSA-72-04 | 21.50 | 75.88 | 12.56 | 357 | E7-T-72-04 |
| 84 | E6-20TSA-84-07 | 22.63 | 87.75 | 12.25 | 423 | E6-T-84-07 | E7-20TSA-84-04 | 23.06 | 87.38 | 12.75 | 475 | E7-T-84-04 |
| 96 | E6-20TSA-96-07 | 23.94 | 99.25 | 12.25 | 469 | E6-T-96-07 | E7-20TSA-96-04 | 24.44 | 98.94 | 12.75 | 528 | E7-T-96-04 |

35° Equal Steel Idler Self-Aligners

| 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 | 19.44 | 35.63 | 11.75 | 199 | E6-T-36-07 | E7-35TSA-36-04 | 19.88 | 35.06 | 12.25 | 223 | E7-T-36-04 |
| 42 | E6-35TSA-42-07 | 20.63 | 40.94 | 11.75 | 217 | E6-T-42-07 | E7-35TSA-42-04 | 21.00 | 40.31 | 12.25 | 244 | E7-T-42-04 |
| 48 | E6-35TSA-48-07 | 22.19 | 48.19 | 11.75 | 241 | E6-T-48-07 | E7-35TSA-48-04 | 22.63 | 47.56 | 12.25 | 272 | E7-T-48-04 |
| 54 | E6-35TSA-54-07 | 23.31 | 53.44 | 11.75 | 259 | E6-T-54-07 | E7-35TSA-54-04 | 23.75 | 52.88 | 12.25 | 295 | E7-T-54-04 |
| 60 | E6-35TSA-60-07 | 24.50 | 58.69 | 11.75 | 278 | E6-T-60-07 | E7-35TSA-60-04 | 24.88 | 58.13 | 12.25 | 317 | E7-T-60-04 |
| 66 | E6-35TSA-66-07 | 25.88 | 64.00 | 12.06 | 297 | E6-T-66-07 | E7-35TSA-66-04 | 26.31 | 63.44 | 12.56 | 339 | E7-T-66-04 |
| 72 | E6-35TSA-72-07 | 27.00 | 69.25 | 12.06 | 315 | E6-T-72-07 | E7-35TSA-72-04 | 27.44 | 68.69 | 12.56 | 360 | E7-T-72-04 |
| 84 | E6-35TSA-84-07 | 29.50 | 79.81 | 12.25 | 426 | E6-T-84-07 | E7-35TSA-84-04 | 29.94 | 79.25 | 12.75 | 478 | E7-T-84-04 |
| 96 | E6-35TSA-96-07 | 31.81 | 90.38 | 12.25 | 472 | E6-T-96-07 | E7-35TSA-96-04 | 32.19 | 89.81 | 12.75 | 531 | E7-T-96-04 |

45° Equal Steel Idler Self-Aligners

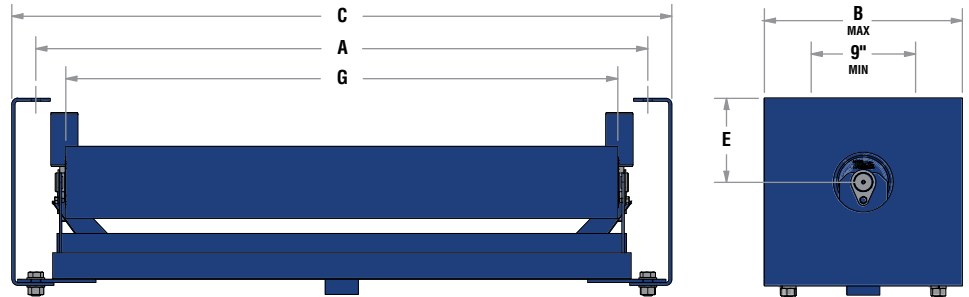
| Belt Width | 6" Roll Diameter | | | | | | 7" Roll Diameter | | | | | |
|------------|------------------|-------|-------|-------|-----|------------------|------------------|-------|-------|-------|-----|------------------|
| | Part Number | E | H | K | Wt. | Replacement Roll | Part Number | E | H | K | Wt. | Replacement Roll |
| 36 | E6-45TSA-36-07 | 21.31 | 32.88 | 11.75 | 203 | E6-T-36-07 | E7-45TSA-36-04 | 21.69 | 32.19 | 12.25 | 227 | E7-T-36-04 |
| 42 | E6-45TSA-42-07 | 22.75 | 37.75 | 11.75 | 221 | E6-T-42-07 | E7-45TSA-42-04 | 23.06 | 37.00 | 12.25 | 248 | E7-T-42-04 |
| 48 | E6-45TSA-48-07 | 24.69 | 44.38 | 11.75 | 245 | E6-T-48-07 | E7-45TSA-48-04 | 25.06 | 43.69 | 12.25 | 276 | E7-T-48-04 |
| 54 | E6-45TSA-54-07 | 26.13 | 49.19 | 11.75 | 263 | E6-T-54-07 | E7-45TSA-54-04 | 26.44 | 48.50 | 12.25 | 299 | E7-T-54-04 |
| 60 | E6-45TSA-60-07 | 27.50 | 54.00 | 11.75 | 282 | E6-T-60-07 | E7-45TSA-60-04 | 27.88 | 53.31 | 12.25 | 321 | E7-T-60-04 |
| 66 | E6-45TSA-66-07 | 29.19 | 58.88 | 12.06 | 301 | E6-T-66-07 | E7-45TSA-66-04 | 29.50 | 58.13 | 12.56 | 343 | E7-T-66-04 |
| 72 | E6-45TSA-72-07 | 30.56 | 63.69 | 12.06 | 319 | E6-T-72-07 | E7-45TSA-72-04 | 30.94 | 63.00 | 12.56 | 364 | E7-T-72-04 |
| 84 | E6-45TSA-84-07 | 33.63 | 73.31 | 12.25 | 430 | E6-T-84-07 | E7-45TSA-84-04 | 31.94 | 72.63 | 12.75 | 482 | E7-T-84-04 |
| 96 | E6-45TSA-96-07 | 36.44 | 83.00 | 12.25 | 476 | E6-T-96-07 | E7-45TSA-96-04 | 36.81 | 82.31 | 12.75 | 535 | E7-T-96-04 |

Note: Guide rolls and accessories included, can also be sold separately (N-67).

Shoe-Type Self-Aligner Available For Reversing Belts

| Belt Width | Standard Dimensions | | | | Wide Base | |
|------------|---------------------|------|-----|-----|-----------|-----|
| | A | B | C | G | Aw* | Cw* |
| 36 | 45 | 16.5 | 49 | 40 | 51 | 55 |
| 42 | 51 | 16.5 | 55 | 46 | 57 | 61 |
| 48 | 57 | 16.5 | 61 | 52 | 63 | 67 |
| 54 | 63 | 16.5 | 67 | 58 | 69 | 73 |
| 60 | 69 | 16.5 | 73 | 64 | 75 | 79 |
| 66 | 75 | 16.5 | 79 | 70 | 81 | 85 |
| 72 | 81 | 16.5 | 85 | 76 | 87 | 91 |
| 84 | 93 | 21.5 | 97 | 88 | 99 | 103 |
| 96 | 105 | 21.5 | 109 | 100 | 111 | 115 |

*Dimension not shown; for wide base.



Steel Return Self-Aligners (E = 7")

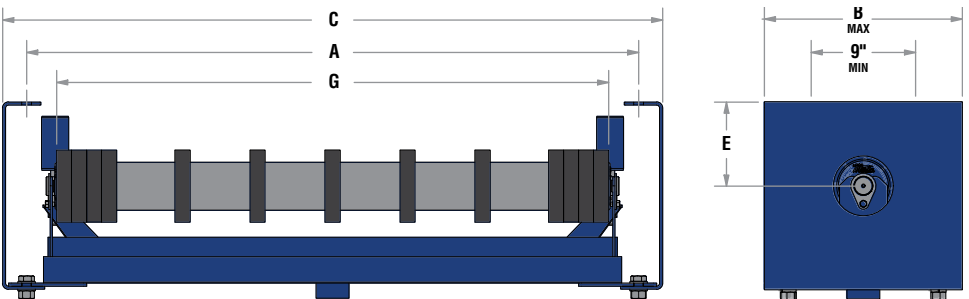
| Belt Width | 6" Roll Diameter | | | 7" Roll Diameter | | |
|------------|------------------|-----|------------------|------------------|-----|------------------|
| | Part Number | Wt. | Replacement Roll | Part Number | Wt. | Replacement Roll |
| 36 | E6-RSA7-36-07 | 197 | E6-R-36-07 | E7-RSA7-36-04 | 221 | E7-R-36-04 |
| 42 | E6-RSA7-42-07 | 213 | E6-R-42-07 | E7-RSA7-42-04 | 240 | E7-R-42-04 |
| 48 | E6-RSA7-48-07 | 228 | E6-R-48-07 | E7-RSA7-48-04 | 258 | E7-R-48-04 |
| 54 | E6-RSA7-54-07 | 243 | E6-R-54-07 | E7-RSA7-54-04 | 277 | E7-R-54-04 |
| 60 | E6-RSA7-60-07 | 258 | E6-R-60-07 | E7-RSA7-60-04 | 295 | E7-R-60-04 |
| 66 | E6-RSA7-66-07 | 273 | E6-R-66-07 | E7-RSA7-66-04 | 314 | E7-R-66-04 |
| 72 | E6-RSA7-72-07 | 289 | E6-R-72-07 | E7-RSA7-72-04 | 333 | E7-R-72-04 |
| 84 | E6-RSA7-84-07 | 365 | E6-R-84-07 | E7-RSA7-84-04 | 416 | E7-R-84-04 |
| 96 | E6-RSA7-96-07 | 398 | E6-R-96-07 | E7-RSA7-96-04 | 456 | E7-R-96-04 |

Note: Guide rolls and accessories included, can also be sold separately (N-67).

Also available in 4.5" drop (RSA4).

| Belt Width | Standard Dimensions | | | | Wide Base | |
|------------|---------------------|------|-----|-----|-----------|-----|
| | A | B | C | G | Aw* | Cw* |
| 36 | 45 | 16.5 | 49 | 40 | 51 | 55 |
| 42 | 51 | 16.5 | 55 | 46 | 57 | 61 |
| 48 | 57 | 16.5 | 61 | 52 | 63 | 67 |
| 54 | 63 | 16.5 | 67 | 58 | 69 | 73 |
| 60 | 69 | 16.5 | 73 | 64 | 75 | 79 |
| 66 | 75 | 16.5 | 79 | 70 | 81 | 85 |
| 72 | 81 | 16.5 | 85 | 76 | 87 | 91 |
| 84 | 93 | 21.5 | 97 | 88 | 99 | 103 |
| 96 | 105 | 21.5 | 109 | 100 | 111 | 115 |

*Dimension not shown; for wide base.



Rubber Disc 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-RRDSA7-36 | 205 | E6-RRD-36 | E7-RRDSA7-36 | 229 | E7-RRD-36 |
| 42 | E6-RRDSA7-42 | 221 | E6-RRD-42 | E7-RRDSA7-42 | 248 | E7-RRD-42 |
| 48 | E6-RRDSA7-48 | 236 | E6-RRD-48 | E7-RRDSA7-48 | 264 | E7-RRD-48 |
| 54 | E6-RRDSA7-54 | 256 | E6-RRD-54 | E7-RRDSA7-54 | 290 | E7-RRD-54 |
| 60 | E6-RRDSA7-60 | 271 | E6-RRD-60 | E7-RRDSA7-60 | 308 | E7-RRD-60 |
| 66 | E6-RRDSA7-66 | 286 | E6-RRD-66 | E7-RRDSA7-66 | 327 | E7-RRD-66 |
| 72 | E6-RRDSA7-72 | 306 | E6-RRD-72 | E7-RRDSA7-72 | 350 | E7-RRD-72 |
| 84 | E6-RRDSA7-84 | 382 | E6-RRD-84 | E7-RRDSA7-84 | 433 | E7-RRD-84 |
| 96 | E6-RRDSA7-96 | 415 | E6-RRD-96 | E7-RRDSA7-96 | 473 | E7-RRD-96 |

Note: Guide rolls and accessories included, can also be sold separately (N-67).

Also available in 4.5" drop (RRDSA4).

Shoe-Type Self-Aligner Available For Reversing Belts

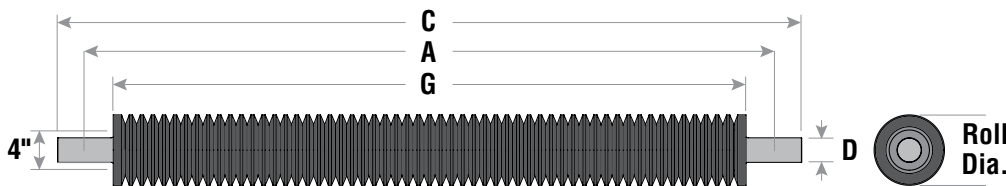
CEMA E Live Shaft Rolls



| Belt Width | Standard Dimensions | | |
|------------|---------------------|-----|-----|
| | A | C | G |
| 36 | 45 | 50 | 40 |
| 42 | 51 | 56 | 46 |
| 48 | 57 | 62 | 52 |
| 54 | 63 | 68 | 58 |
| 60 | 69 | 74 | 64 |
| 66 | 75 | 80 | 70 |
| 72 | 81 | 86 | 76 |
| 78 | 87 | 92 | 82 |
| 84 | 93 | 98 | 88 |
| 90 | 99 | 104 | 94 |
| 96 | 105 | 110 | 100 |
| 102 | 111 | 116 | 106 |

Steel Live Shaft Roll

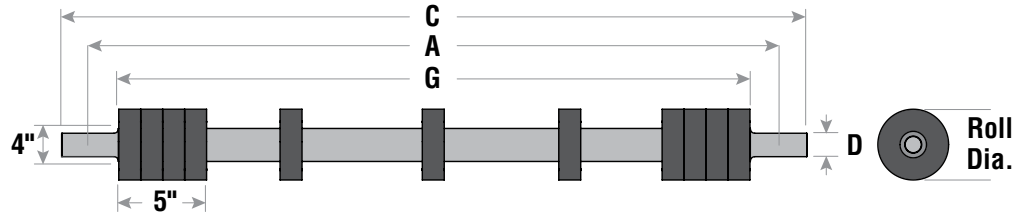
| Belt Width | 6" Roll Diameter | | 7" Roll Diameter | |
|------------|------------------|-----|------------------|-----|
| | Part Number | Wt. | Part Number | Wt. |
| | D = 2.44" | | D = 2.44" | |
| 36 | E6-LR39-36-07 | 112 | E7-LR39-36-04 | 126 |
| 42 | E6-LR39-42-07 | 126 | E7-LR39-42-04 | 141 |
| 48 | E6-LR39-48-07 | 140 | E7-LR39-48-04 | 157 |
| 54 | E6-LR39-54-07 | 154 | E7-LR39-54-04 | 172 |
| 60 | E6-LR39-60-07 | 168 | E7-LR39-60-04 | 194 |
| 66 | E6-LR39-66-07 | 181 | E7-LR39-66-04 | 202 |
| 72 | E6-LR39-72-07 | 194 | E7-LR39-72-04 | 218 |
| 78 | E6-LR39-78-07 | 208 | E7-LR39-78-04 | 234 |
| 84 | E6-LR39-84-07 | 222 | E7-LR39-84-04 | 249 |
| 90 | E6-LR39-90-07 | 235 | E7-LR39-90-04 | 263 |
| 96 | E6-LR39-96-07 | 249 | E7-LR39-96-04 | 279 |
| 102 | E6-LR39-102-07 | 263 | E7-LR39-102-04 | 295 |



Impact Live Shaft Roll

| 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 | 50 | 40 |
| 42 | 51 | 56 | 46 |
| 48 | 57 | 62 | 52 |
| 54 | 63 | 68 | 58 |
| 60 | 69 | 74 | 64 |
| 66 | 75 | 80 | 70 |
| 72 | 81 | 86 | 76 |
| 78 | 87 | 92 | 82 |
| 84 | 93 | 98 | 88 |
| 90 | 99 | 104 | 94 |
| 96 | 105 | 110 | 100 |
| 102 | 111 | 116 | 106 |



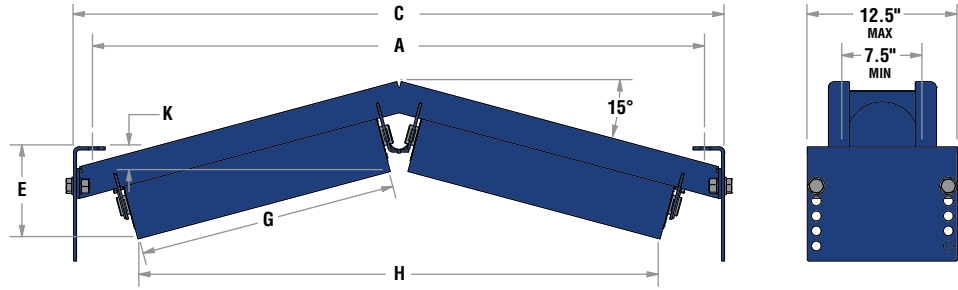
Rubber Disc Return Live Shaft Roll

| Belt Width | 6" Roll Diameter | | 7" Roll Diameter | |
|------------|------------------|-----|------------------|-----|
| | Part Number | Wt. | Part Number | Wt. |
| | D = 2.44" | | D = 2.44" | |
| 36 | E6-LRRD39-36 | 207 | E7-LRRD39-36 | 210 |
| 42 | E6-LRRD39-42 | 233 | E7-LRRD39-42 | 235 |
| 48 | E6-LRRD39-48 | 258 | E7-LRRD39-48 | 262 |
| 54 | E6-LRRD39-54 | 283 | E7-LRRD39-54 | 286 |
| 60 | E6-LRRD39-60 | 309 | E7-LRRD39-60 | 323 |
| 66 | E6-LRRD39-66 | 333 | E7-LRRD39-66 | 337 |
| 72 | E6-LRRD39-72 | 358 | E7-LRRD39-72 | 363 |
| 78 | E6-LRRD39-78 | 384 | E7-LRRD39-78 | 389 |
| 84 | E6-LRRD39-84 | 409 | E7-LRRD39-84 | 414 |
| 90 | E6-LRRD39-90 | 434 | E7-LRRD39-90 | 439 |
| 96 | E6-LRRD39-96 | 459 | E7-LRRD39-96 | 465 |
| 102 | E6-LRRD39-102 | 485 | E7-LRRD39-102 | 492 |

CEMA E Inverted V>Returns



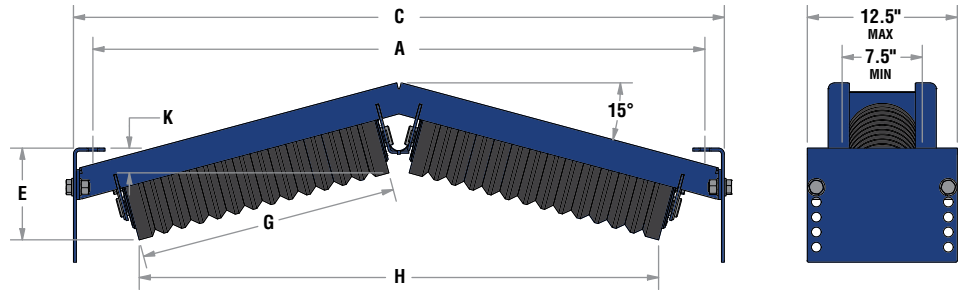
| Belt Width | Standard Dimensions | | |
|------------|---------------------|--------|-------|
| | A | C | G |
| 36 | 45 | 48.25 | 19.75 |
| 42 | 51 | 54.25 | 21.75 |
| 48 | 57 | 60.25 | 25.75 |
| 54 | 63 | 66.25 | 29.75 |
| 60 | 69 | 72.25 | 31.75 |
| 66 | 75 | 78.25 | 35.75 |
| 72 | 81 | 84.25 | 37.25 |
| 84 | 93 | 96.25 | 43.75 |
| 96 | 105 | 108.25 | 49.75 |



Steel Inverted V>Returns

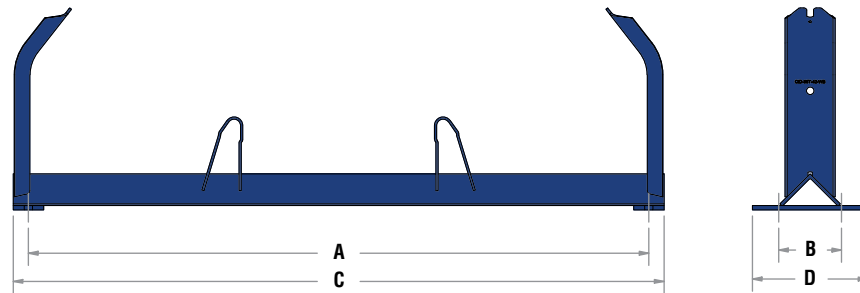
| Belt Width | 6" Roll Diameter | | | | | | 7" Roll Diameter | | | | | |
|------------|------------------|------|-------|------|-----|------------------|------------------|------|-------|------|-----|------------------|
| | Part Number | E | H | K | Wt. | Replacement Roll | Part Number | E | H | K | Wt. | Replacement Roll |
| 36 | E6-15IV-36-07 | 7.94 | 39.63 | 2.81 | 137 | E6-T-54-07 | E7-15IV-36-04 | 8.44 | 39.38 | 3.31 | 161 | E7-T-54-07 |
| 42 | E6-15IV-42-07 | 7.69 | 43.50 | 2.00 | 147 | E6-T-60-07 | E7-15IV-42-04 | 8.13 | 43.25 | 2.50 | 173 | E7-T-60-07 |
| 48 | E6-15IV-48-07 | 7.88 | 51.25 | 1.25 | 164 | E6-T-72-07 | E7-15IV-48-04 | 8.38 | 51.00 | 1.69 | 194 | E7-T-72-07 |
| 54 | E6-15IV-54-07 | 8.13 | 58.94 | 0.44 | 180 | E6-T-84-07 | E7-15IV-54-04 | 8.63 | 58.69 | 0.94 | 215 | E7-T-84-07 |
| 60 | E6-15IV-60-07 | 7.81 | 62.81 | 0.38 | 190 | E6-IV-60-07 | E7-15IV-60-04 | 8.31 | 62.56 | 0.13 | 227 | E7-IV-60-07 |
| 66 | E6-15IV-66-07 | 8.06 | 70.50 | 1.19 | 207 | E6-V-66-07 | E7-15IV-66-04 | 8.56 | 70.25 | 0.69 | 248 | E7-V-66-07 |
| 72 | E6-15IV-72-07 | 7.75 | 74.44 | 2.00 | 216 | E6-IV-72-07 | E7-15IV-72-04 | 8.25 | 74.13 | 1.50 | 260 | E7-IV-72-07 |
| 84 | E6-15IV-84-07 | 7.75 | 86.00 | 3.56 | 242 | E6-IV-84-07 | E7-15IV-84-04 | 8.25 | 85.75 | 3.13 | 294 | E7-IV-84-07 |
| 96 | E6-15IV-96-07 | 7.75 | 98.00 | 5.13 | 268 | E6-IV-96-07 | E7-15IV-96-04 | 8.25 | 97.81 | 4.63 | 327 | E7-IV-96-07 |

| 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 | 29.75 |
| 60 | 69 | 72.25 | 31.75 |
| 66 | 75 | 78.25 | 35.75 |
| 72 | 81 | 84.25 | 37.25 |
| 84 | 93 | 96.25 | 43.75 |
| 96 | 105 | 108.25 | 49.75 |



Rubber Disc 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 | E6-15IVRD-36 | 7.94 | 39.63 | 2.81 | 150 | E6-TI-54 | E7-15IVRD-36 | 8.44 | 39.38 | 3.31 | 174 | E7-TI-54 |
| 42 | E6-15IVRD-42 | 7.69 | 43.50 | 2.00 | 160 | E6-TI-60 | E7-15IVRD-42 | 8.13 | 43.25 | 2.50 | 186 | E7-TI-60 |
| 48 | E6-15IVRD-48 | 7.88 | 51.25 | 1.25 | 177 | E6-TI-72 | E7-15IVRD-48 | 8.38 | 51.00 | 1.69 | 207 | E7-TI-72 |
| 54 | E6-15IVRD-54 | 8.13 | 58.94 | 0.44 | 197 | E6-TI-84 | E7-15IVRD-54 | 8.63 | 58.69 | 0.94 | 232 | E7-TI-84 |
| 60 | E6-15IVRD-60 | 7.81 | 62.81 | 0.38 | 207 | E6-IVRD-60 | E7-15IVRD-60 | 8.31 | 62.56 | 0.13 | 244 | E7-IVRD-60 |
| 66 | E6-15IVRD-66 | 8.06 | 70.50 | 1.19 | 224 | E6-IVRD-66 | E7-15IVRD-66 | 8.56 | 70.25 | 0.69 | 265 | E7-IVRD-66 |
| 72 | E6-15IVRD-72 | 7.75 | 74.44 | 2.00 | 241 | E6-IVRD-72 | E7-15IVRD-72 | 8.25 | 74.13 | 1.50 | 285 | E7-IVRD-72 |
| 84 | E6-15IVRD-84 | 7.75 | 86.00 | 3.56 | 267 | E6-IVRD-84 | E7-15IVRD-84 | 8.25 | 85.75 | 3.13 | 319 | E7-IVRD-84 |
| 96 | E6-15IVRD-96 | 7.75 | 98.00 | 5.13 | 293 | E6-IVRD-96 | E7-15IVRD-96 | 8.25 | 97.81 | 4.63 | 352 | E7-IVRD-96 |



20° Equal Steel Idler 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/D-20T-54 | 63 | 7 | 65.5 | 11 | 46 |
| 60 | C/D-20T-60 | 69 | 7 | 71.5 | 11 | 49 |
| 72 | D-20T-72 | 81 | 7 | 83.5 | 11 | 61 |

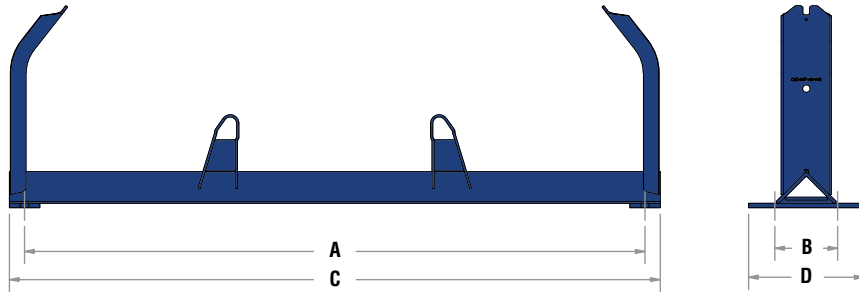
35° Equal Steel Idler Frame

| 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/D-35T-54 | 63 | 7 | 65.5 | 11 | 49 |
| 60 | C/D-35T-60 | 69 | 7 | 71.5 | 11 | 53 |
| 72 | D-35T-72 | 81 | 7 | 83.5 | 11 | 66 |

45° Equal Steel Idler 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/D-45T-54 | 63 | 7 | 65.5 | 11 | 52 |
| 60 | C/D-45T-60 | 69 | 7 | 71.5 | 11 | 56 |
| 72 | D-45T-72 | 81 | 7 | 83.5 | 11 | 70 |

CEMA C/D Reinforced Equal Impact Idler Frames



20° Equal Impact Idler Frame

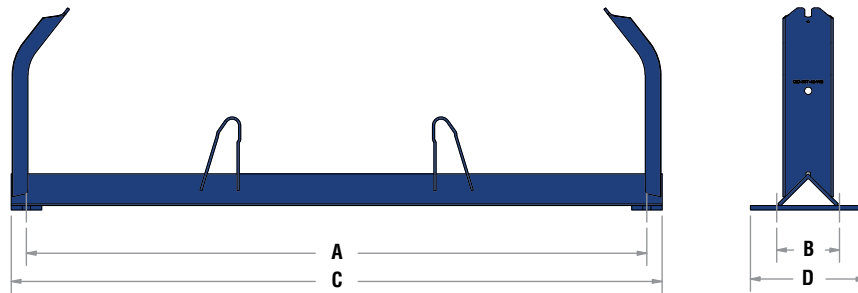
| Belt Width | Standard Dimensions | | | | | |
|------------|---------------------|----|-----|------|-----|-----|
| | Part Number | A | B | C | D | Wt. |
| 18 | C-20TI-18 | 27 | 5.5 | 29.5 | 8 | 23 |
| 20 | C-20TI-20 | 29 | 5.5 | 31.5 | 8 | 25 |
| 24 | C/D-20TI-24 | 33 | 5.5 | 35.5 | 8 | 27 |
| 30 | 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/D-20TI-54 | 63 | 7 | 65.5 | 11 | 58 |
| 60 | C/D-20TI-60 | 69 | 7 | 71.5 | 11 | 63 |
| 72 | D-20TI-72 | 81 | 7 | 83.5 | 11 | 80 |

35° Equal Impact Idler 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/D-35TI-54 | 63 | 7 | 65.5 | 11 | 62 |
| 60 | C/D-35TI-60 | 69 | 7 | 71.5 | 11 | 67 |
| 72 | D-35TI-72 | 81 | 7 | 83.5 | 11 | 85 |

45° Equal Impact Idler 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/D-45TI-54 | 63 | 7 | 65.5 | 11 | 65 |
| 60 | C/D-45TI-60 | 69 | 7 | 71.5 | 11 | 70 |
| 72 | D-45TI-72 | 81 | 7 | 83.5 | 11 | 89 |



20° Equal Steel Idler 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 |

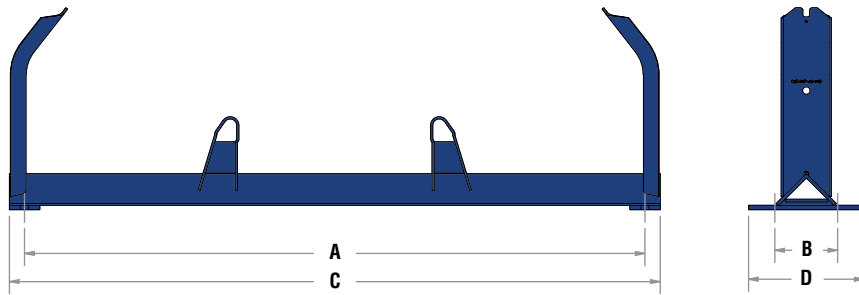
35° Equal Steel Idler Frame

| 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 Steel Idler 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 |

CEMA E Reinforced Equal Impact Idler Frames



20° Equal Impact Idler 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 |

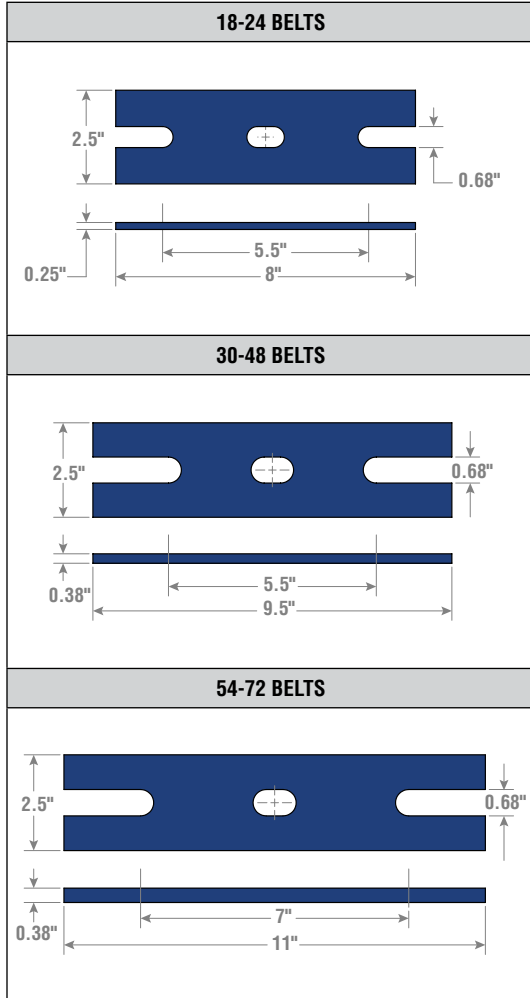
35° Equal Impact Idler Frame

| 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 |

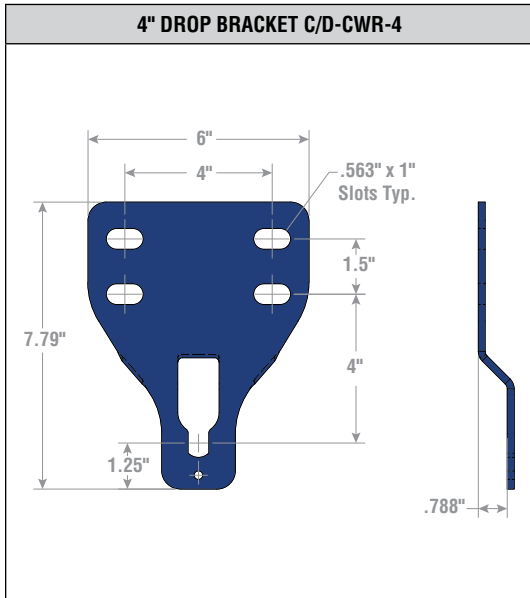
45° Equal Impact Idler Frame

| 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 |

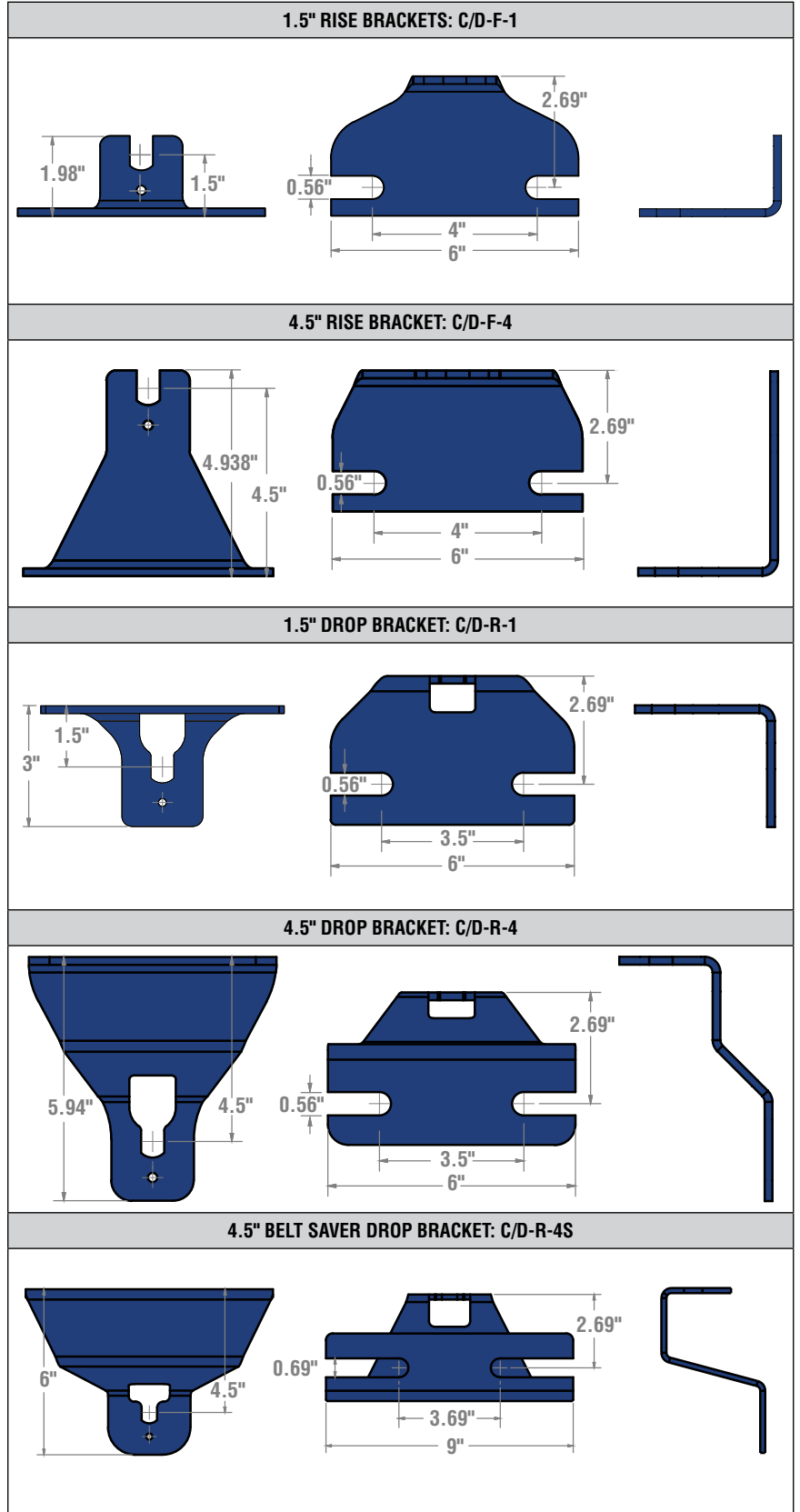
Footpads for CEMA C and D Idlers



Channel Inset Bracket



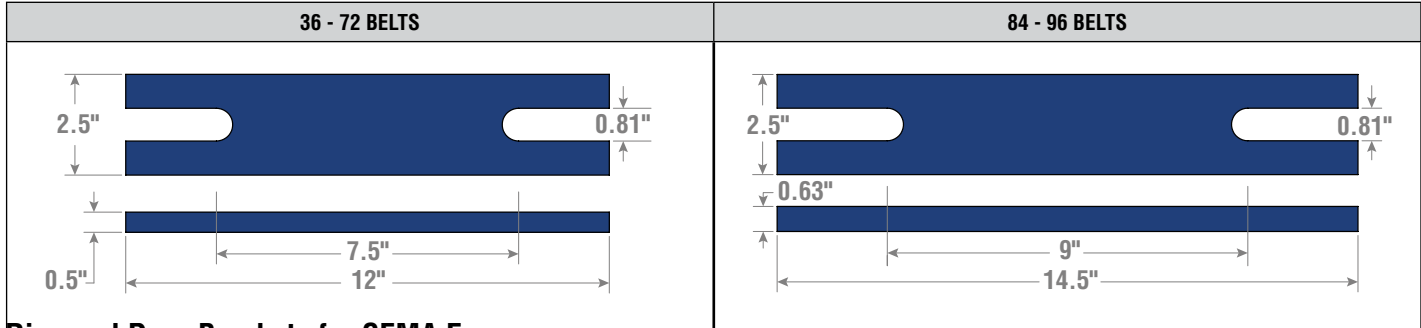
Rise and Drop Brackets for CEMA C and D



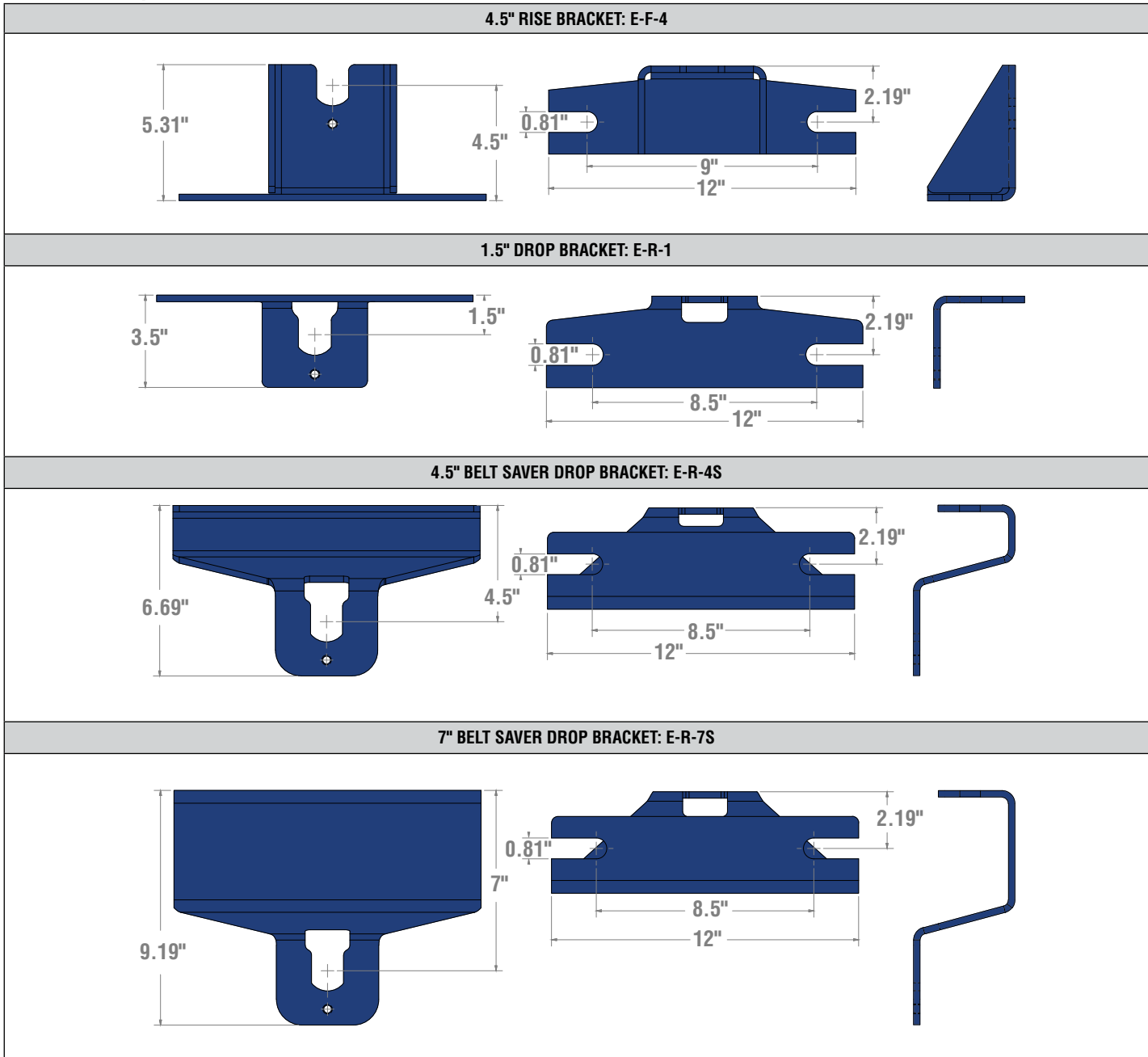
CEMA E Footpads and Brackets



Footpads for CEMA E



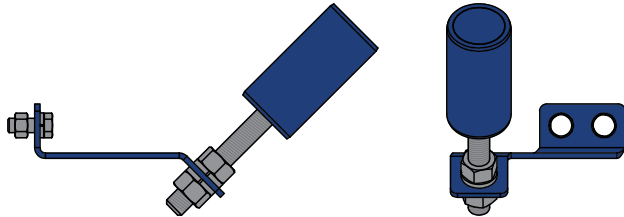
Rise and Drop Brackets for CEMA E



Self-Aligner Guide Rolls

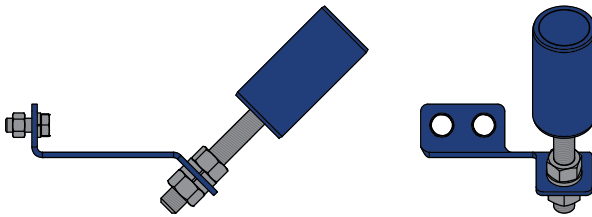
Self-Aligner Left Arm Guide Roll Kit

SA-LARM-KIT



Self-Aligner right Arm Guide Roll Kit

SA-RARM-KIT



Self-Aligner Treaded Guide Roll

SA-TROLL

