

**SUPERIOR
IDLER CATALOG**





SUPERIOR IDLER CATALOG

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Urathon® Return Roll: 5" Diameter
Self-Aligning Troughing Idlers: 4" AND 5"
Self-Aligning Return Idlers: 4" AND 5" Diameter
Offset Center Roll Idlers: 4" AND 5" Diameter
Channel Mount: 4" AND 5" Diameter

Channel Mount Impact Idlers: 4" AND 5" Diameter

26 CEMA C Idlers

Troughing Idlers (Equal Length Rollers): 4" Diameter
Troughing Idlers (Equal Length Rollers): 5" Diameter
Troughing Idlers (Equal Length Rollers): 6" Diameter
Rubber Cushion Impact Troughing Idlers: 4" Diameter
Rubber Cushion Impact Troughing Idlers: 5" Diameter
Rubber Cushion Impact Troughing Idlers: 6" Diameter
Return Idlers: 4", 5" and 6" Diameter
Flat Idlers: 4", 5", AND 6" Diameter
Rubber Cushion Return Idlers: 4", 5", AND 6" Diameter
Rubber Cushion Flat Idlers: 4", 5", AND 6" Diameter
Urathon® Return Rolls: 5" AND 6" Diameter
Self-Aligning Troughing Idlers: 4" Diameter
Self-Aligning Troughing Idlers: 5" Diameter
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Self-Aligning Return Idler: 4", 5" AND 6" Diameter
Garland Idlers: 4", 5", AND 6" Diameter
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Offset Center Roll Idler: 5" Diameter
Offset Center Roll Idler: 6" Diameter
Low Profile Standard Mount: 4" AND 5" Diameter
Channel Mount: 4" AND 5" Diameter
Channel Mount Impact Idlers: 4" AND 5" Diameter

51 CEMA D Idlers

Troughing Idlers (Equal Length Rollers): 5" AND 6" Diameter
Rubber Cushion Impact Troughing Idler: 5" and 6" Diameter
Return Idlers: 5" AND 6" Diameter
Flat Idlers: 5" AND 6" Diameter
Rubber Cushion Return Idlers: 5" AND 6" Diameter
Rubber Cushion Flat Idlers: 5" AND 6" Diameter
Urathon® Return Rolls: 5" AND 6" Diameter
Self-Aligning Troughing Idlers: 5" AND 6" Diameter
V-Return Idler: 5" AND 6" Diameter
Self-Aligning Return Idlers: 5" AND 6" Diameter
Feeder / Picking Troughing Idlers: 5" AND 6" Diameter
Troughing Idlers (Unequal Length Rollers): 5" AND 6" Diameter

61 DX Idlers

Troughing Idlers (Equal Length Rollers): 5" AND 6" Diameter
Rubber Cushion Impact Troughing Idler: 5" AND 6" Diameter
Return Idlers: 5" AND 6" Diameter
Flat Idlers: 5" AND 6" Diameter
Rubber Cushion Return Idlers: 5" AND 6" Diameter
Rubber Cushion Flat Idlers: 5" AND 6" Diameter
V-Return Idler: 5" AND 6" Diameter

66 CEMA E Idlers

Troughing Idler (Equal Length Rollers): 6" AND 7" Diameter
Rubber Cushion Impact Troughing Idlers: 6" AND 7" Diameter
Self-Aligning Troughing Idlers: 6" AND 7" Diameter
Return Idlers: 6" AND 7" Diameter
Flat Idlers: 6" AND 7" Diameter
Rubber Cushion Return Idlers: 6" AND 7" Diameter
Rubber Cushion Flat Idlers: 6" AND 7" Diameter
Urathon® Return Rolls: 6" AND 7" Diameter
V-Return Idlers: 6" AND 7" Diameter
Return Self-Aligner Idlers: 6" AND 7" Diameter

74 40DT Idlers

Troughing Idler (Equal Length Rollers): 6" AND 7" Diameter
Rubber Cushion Impact Troughing Idlers: 6" AND 7" Diameter
Return Idlers: 6" AND 7" Diameter
Flat Idlers: 6" AND 7" Diameter
Rubber Cushion Return Idlers: 6" AND 7" Diameter
Rubber Cushion Flat Idlers: 6" AND 7" Diameter
V-Return Idlers: 6" AND 7" Diameter

79 45DT Idlers

Troughing Idler (Equal Length Rollers): 6" Diameter
Troughing Idler (Equal Length Rollers): 7" Diameter
Troughing Idler (Equal Length Rollers): 7.5" Diameter
Rubber Cushion Impact Troughing Idlers: 6" Diameter
Rubber Cushion Impact Troughing Idlers: 7" Diameter
Rubber Cushion Impact Troughing Idlers: 7.5" Diameter
Return Idlers: 6", 7" AND 7.5" Diameter
Flat Idlers: 6", 7" AND 7.5" Diameter
Rubber Cushion Return Idlers: 6" AND 7" Diameter
Rubber Cushion Flat Idlers: 6" AND 7" Diameter
V-Return Idlers: 6", 7" AND 7.5" Diameter

88 CEMA F idlers

Troughing Idlers (Equal Length Rollers): 6" Diameter
Troughing Idlers (Equal Length Rollers): 7" Diameter
Troughing Idlers (Equal Length Rollers): 8" Diameter
Rubber Cushion Impact Troughing Idlers: 7" AND 8" Diameter
Return Idlers: 6", 7" and 8" Diameter
Flat Idlers: 6", 7" AND 8" Diameter
Rubber Cushion Return Idlers
Rubber Cushion Flat Idlers: 7" AND 8" Diameter
V-Return Idlers: 6", 7" AND 8" Diameter

95 50DT idlers

Troughing Idlers (Equal Length Rollers): 6" Diameter
Troughing Idlers (Equal Length Rollers): 7" Diameter
Troughing Idlers (Equal Length Rollers): 8" Diameter
Rubber Cushion Impact Troughing Idlers: 7" AND 8" Diameter
Return Idlers: 6", 7" AND 8" Diameter
Flat Idlers: 6", 7" AND 8" Diameter
Rubber Cushion Return Idlers: 7" AND 8" Diameter
Rubber Cushion Flat Idlers: 7" AND 8" Diameter
V-Return Idlers: 6", 7" AND 8" Diameter

102 60DT idlers

Troughing Idlers (Equal Length Rollers): 7" AND 8" Diameter
Rubber Cushion Impact Troughing Idler: 8" Diameter
Return Idlers: 7" AND 8" Diameter
Flat Idlers: 7" AND 8" Diameter
Rubber Cushion Return Idlers: 8" Diameter
Rubber Cushion Flat Idlers: 8" Diameter
V-Return Idlers: 7 & 8 inch Diameter

107 Component Parts and Replacement Rolls

CEMA B Replacement Rolls
CEMA C Replacement Rolls
Other Parts
CEMA D Replacement Rolls
CEMA E Replacement Rolls

109 40 Series Idlers

Return Roll U-Bolts

110 Live Shaft Idlers

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112 Components Accessories

Navigator Return Trainer: 7-3/4" and 7", 10" and 10-3/4" Diameter
Return Guides
Pipe Conveyor Roller Bracket Assembly
Return Guide & Drop Bracket
Stub Roll Idlers: 4", 5" and 6" Diameter
Urethane Vertical Side Guide Roll: 3-1/4" Diameter
Side Guide Idlers: 4" x 5-3/8" Rollers
Vertical Side Guide Roll: 2" and 4" Diameter

116 Return & Flat Brackets Styles

CEMA B, C, and D Brackets
CEMA E Brackets
CEMA F Return Brackets
81 & 91 Series Return Brackets -Hex
CB Brackets

119 Base Plates

CEMA B, C and D Idlers
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BASIC ROLL STYLES



CEMA RATED ROLLS



MOXIE*ROLLS



IMPACT ROLLS



VULCANIZED ROLL



DX ROLLS



DOUBLE TUBE (DT) ROLLS

BASIC IDLER STYLES



EQUAL TROUGHING IDLERS



IMPACT IDLERS



OFFSET CENTER ROLL IDLERS



CHANNEL MOUNT LOW
PROFILE IDLERS



FEEDER/PICKING IDLERS



UNEQUAL TROUGHING
IDLERS



CBS04 SERIES IDLERS



GARLAND IDLERS



RETURN BELT IDLERS



RUBBER CUSHION
RETURN IDLERS



URATHON® RETURN ROLL



SPIRAL URATHON®
RETURN ROLL



SELF-ALIGNER IDLERS



SELF-ALIGNER RETURNS



FLAT CARRIER IDLERS



RUBBER CUSHION
FLAT CARRIES



LIVE SHAFT ROLLERS



40 SERIES IDLERS



VARIABLE PITCH IDLERS



V-RETURN IDLERS



WIRE ROPE IDLERS



BEATER BAR



URATHON® BEATER ROLL

IDLER OFFERINGS

STEEL ROLL OFFERING BY CLASS

CLASS	BEARING	DIAMETER inch (mm)	SHELL THICKNESS inch (mm)	BELT WIDTH inch (mm)	TUBE
CEMA B	17mm	4", 5" (101, 127)	1/8", 5/32" (3.1, 3.9)	18" - 48" (457 - 1,219)	Single
CEMA C	20mm	4", 5", 6" (101, 127, 152)	1/8", 5/32", 3/16" (3.1, 3.9, 4.7)	18" - 60" (457 - 1,524)	Single
CEMA D	25mm	5", 6" (127, 152)	5/12", 1/16" (1.9, 4.7)	24" - 72" (609 - 1,828)	Single
DX	30mm	5", 6" (127, 152)	1/4" (6.3)	30" - 72" (762 - 1,828)	Single
CEMA E	40mm	6", 7" (152, 177)	1/4" (6.3)	36" - 96" (914 - 2,438)	Single
40DT	40mm	6", 7" (152, 177)	1/4" x 2 (6.3 x 2)	36" - 72" (914 - 1,828)	Double
45DT	45mm	6", 7", 7.5" (152, 177, 190)	1/4" x 2 (6.3 x 2)	54" - 108" (1,371 - 2,741)	Double
CEMA F	50mm	7", 8" (177, 203)	1/2", 3/4" (12.7, 19.0)	42" - 120" (1,066 - 3,048)	Single
50DT	50mm	7", 8" (177, 203)	1/4" x 2 (6.3 x 2)	42" - 120" (1,066 - 3,048)	Double
60DT	60mm	7", 8" (177, 203)	1/4" x 2 (6.3 x 2)	60" - 120" (1,524 - 3,048)	Double

IMPACT ROLL OFFERING BY CLASS

CLASS	BEARING	DIAMETER inch (mm)	BELT WIDTH inch (mm)	IDLER TYPES	
				EL	RET
CEMA B	17mm	4", 5" (101, 127)	18" - 48" (457 - 1,219)	tires	tires
CEMA C	20mm	4", 5", 6" (101, 127, 152)	18" - 60" (457 - 1,524)	tires	tires
CEMA D	25mm	5", 6" (127, 152)	24" - 72" (609 - 1,828)	tires	tires
DX	30mm	5", 6" (127, 152)	30" - 72" (762 - 1,828)	vulcanized	vulcanized
CEMA E	40mm	6", 7" (152, 177)	36" - 96" (914 - 2,438)	tires	tires
CEMA F	50mm	7", 8" (177, 203)	42" - 120" (1,066 - 3,048)	vulcanized	vulcanized
CEMA G	60mm	7", 8" (177, 203)	60" - 120" (1,524 - 3,048)	vulcanized	vulcanized
40DT	40mm	6", 7" (152, 177)	36" - 72" (914 - 1,828)	vulcanized	vulcanized
45DT	45mm	6", 7", 7.5" (152, 177, 190)	54" - 108" (1,371 - 2,741)	vulcanized	vulcanized
50DT	50mm	6", 7", 8" (152, 177, 203)	42" - 120" (1,066 - 3,048)	vulcanized	vulcanized
60DT	60mm	7", 8" (177, 203)	60" - 120" (1,524 - 3,048)	vulcanized	vulcanized

IDLER STAND FEATURES



- 01/ Open end base allows access for single or double bolt holes.
- 02/ No fugitive material pinch points between roll and frame.
- 03/ Narrow roll gap eliminates pinch point, which damages belt.
- 04/ Non-clogging center stands.
- 05/ Base angle sheds material and prevents build-up.
- 06/ Corner or inset weld available.

APPLICATION-SPECIFIC IDLER SEALS



COLORS AND APPLICATIONS			
SEAL COLOR	SEAL NAME	APPLICATION EXAMPLES	BENEFITS
	Standard	Traditional material handling not described above. Typically 80-90% of applications.	While testing our application specific models, we redesigned our standard for the best bearing protection yet.
	Wet	Wash or dredge processes. Frequent washdowns.	Special double contact seal defends bearing from moisture penetration.
	Dry	Crushing and screening producing dust with minimal fines.	Oiled and contact seal protects bearing from dry particles and grit.
	Eco	Overland or long distance material handling sites.	Seal reduces drag and roll resistance for less horsepower at startup/operation.
	Titanium™	Washed sand, fines removal or dredging. Most extreme conditions.	Combination of design characteristics from wet and dry seals for ultimate bearing protection.

ORDERING GUIDE: SUPERIOR IDLERS

Superior makes ordering easy with a simple number and letter system so you can easily jot down the idlers you need and relay them to our sales staff. Superior manufactures many different styles of CEMA B, C, D, E, and F idlers along with a full line of CB-504 style bearing idlers and rollers. Simply follow the procedure below and you'll be on your way to placing an accurate order.

C5 - 35 E - 36 - MOX - TTM	IDLER TYPE LIST
CEMA RATING (or Series) - Specify either CEMA B, C, D, E, or F.	E.....Troughing Idler Equal Length Rolls EA.....Self-Aligning Troughing Idler BA.....Bi-Directional Aligning Troughing Idler EI.....Rubber Cushion Troughing Idler GO.....Offset Troughing Idler
ROLL DIAMETER Specify either 4, 5, 6, 7, or 8 for the corresponding roll size diameter.	GOI.....Rubber Cushion Offset Troughing Idler U.....Troughing Idler Unequal Length Rolls UI.....Rubber Cushion Troughing Idler Unequal Length Rolls
TROUGHING ANGLE Troughing Angle - Specify either 20, 35, or 45 for the corresponding troughing angle. V-Return - Specify either 10, 15 for the corresponding troughing angle. For standard return and live shaft products disregard the angle.	P.....Feeder / Picking Idler PI.....Rubber Cushion Feeder/Picking Idler RET.....Return Idler FLT.....Flat Carrier Idler RETA.....Return Self-Aligning Idler RETI.....Return Rubber Cushion Idler FLTI.....Flat Carrier Rubber Cushion Idler
IDLER TYPE LETTER Specify the idler identification letter for the particular idler you may need from the list on the right.	CM.....Low-Profile Channel Mount Idler CMI.....Channel Mount Impact Low Profile Idler SM.....Low-Profile Standard Mount Idler SMI.....Standard Mount Impact Low Profile Idler RETAI.....Return Self-Aligning Rubber Lagged Cushion Idler
BELT WIDTH Specify either 18, 24, 30, 36, 42, 48, 54, 60, 72, 84, 96, 108, or 120 depending on or CEMA rating.	EW.....Wire Rope Idler EWI.....Rubber Cushion Wire Rope Idler VPE.....Variable Pitch Idler VPEI.....Rubber Cushion Variable Pitch Idler
ROLL STYLE Specify either "MOX" for Moxie® Rolls, "DT" for Double-Tube Idler or "DX" for DX Idler.	RETU.....Urathon® Return RETUSP.....Spiral Urathon® Return RETV.....V-Return Idler RETVI.....Rubber Cushion V-Return Idler IVR.....Inverted V-Return Idler
SEAL STYLE Specify either "WET" for Wet Seal, "DRY" for Dry Seal, "ECO" for Eco Seal, or "TTM" for Titanium™ Seal.	CMP.....Low-Profile Channel Mount Feeder/Picking Idler CMPI.....Rub. Cush. Low-Profile Chnrl Mount Feeder/Picking Idler IM.....Low-Profile Inboard Mount Idler IMI.....Rubber Cushion Low-Profile Inboard Mount Idler SO.....Underground Box Frame Idler SB.....Underground Single Beam Idler MOX.....Moxie® Roll (i.e. C5-35E-30MOX) LS.....Live Shaft Roller (i.e. LS-536) LSI.....Rubber Cushion Live Shaft Roller (i.e. LSI-548) LSB.....Live Shaft Beater (i.e. LSB-530-107)

COMPONENTS SHIPPING METHODS

CARRIER APPROVED METHODS THAT REDUCE DAMAGE DURING TRANSPORT

IDLER METHODS

Belt Width	12" - 30"	36" - 42"	48" - 96"	 Stringer Option Flat bed deliveries only Creates less dunnage Top Staggered Bottom Staggered Must be requested
				
Idler Layout	Top Flipped Bottom Flipped	Top Staggered Bottom Flipped	One Layer Staggered	
Pallet Size	40" x 48"	48" x 48"	60" x 48"	

PULLEY METHOD



- » One standard packaging style speeds shipping process
- » One piece pallet versus splicing two pallets together
- » All parts of pulley confined to pallet (no exposed shafting)
- » Shafts protected with nylon sleeve
- » Core Systems® Design projects use custom-designed packaging



CUSTOM PACKAGING

We certainly understand that every customer's packaging needs are unique. As always, we are here to provide the best solution to packaging your purchased products. Please ask us about custom packaging!

ORDERING GUIDE: ROLL INTERCHANGE

Superior makes ordering easy with a simple number and letter system so you can easily jot down the idlers you need and relay them to our sales staff. Superior manufactures many different styles of CEMA B, C, D, E, and F idlers along with a full line of CB-504 style bearing idlers and rollers. Simply follow the procedure below and you'll be on your way to placing an accurate order.

C6-360100-TTM

CEMA RATING

(or Series) - Specify either CEMA B, C, D, E, or F.

ROLL DIAMETER

Specify either 4, 5, 6, 7, or 8 for the corresponding roll size diameter.

BELT WIDTH

Specify either 18, 24, 30, 36, 42, 48, 54, 60, 72, 84, or 96 depending on or CEMA rating.

MANUFACTURER DESIGNATOR

Specify the idler manufacturer for the particular idler you are attempting to fit may need from the list on the right. →

ROLL TYPE DESIGNATOR

Specify type of roll you are trying to fit, steel trough (00), steel return (01), troughing impact (03), or return impact (11).

SEAL STYLE

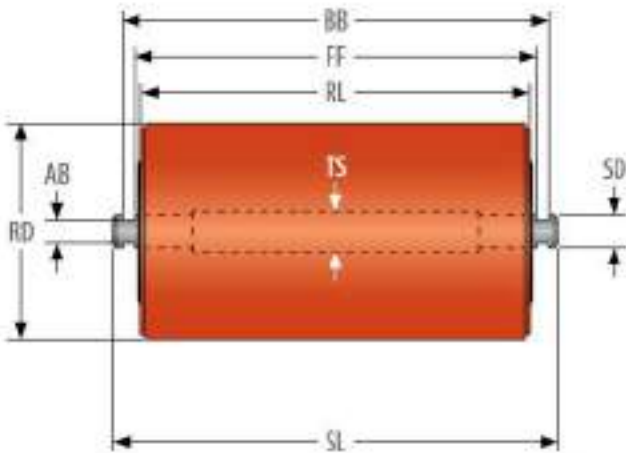
Specify either "WET" for Wet Seal, "DRY" for Dry Seal, "ECO" for Eco Seal, or "TTM" for Titanium™ Seal.

MANUFACTURER

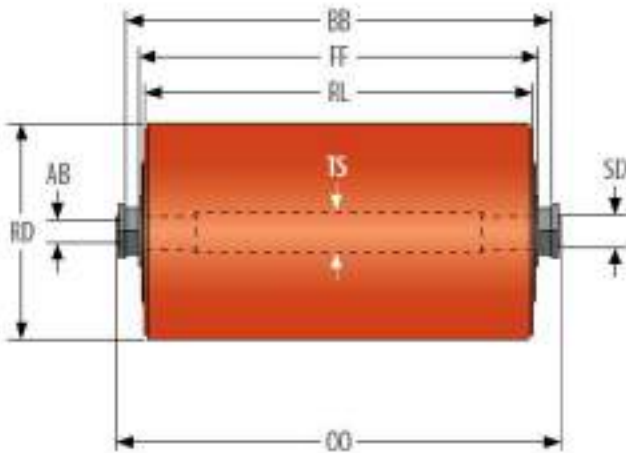
- 01..... Precision
- 02..... Continental (HC-slot)
- 03..... Stephens Adamson
- 04..... DBT
- 05..... FMC (slot)
- 06..... Hewitt-Robins (slot)
- 07..... Luff / Clemro®
- 08..... Assink
- 09..... Strongco
- 10..... Douglas (slot)
- 11..... FMC 3000 (nut)
- 12..... Douglas (nut)
- 13..... Rexnord (nut)
- 14..... Hewitt-Robins (nut)
- 15..... Continental (H+nut)
- 16..... Goodman (nut)
- 17..... Prok
- 21..... Trio / Wehr

ORDERING GUIDE: ROLL INTERCHANGE

RETRO FIT ROLL DIMENSIONS

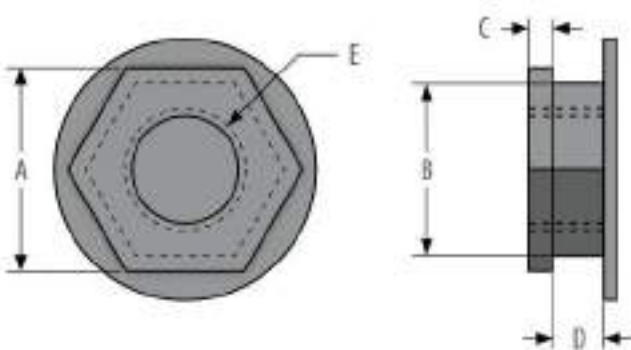


ROLLER

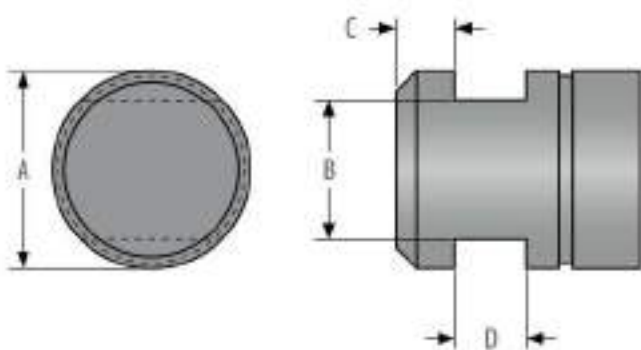


EXAMPLE		ROLL 1
Shaft type (slot/nut)	Slot	
Roll Diameter (RD)	5	
Roll Length (RL)	11.0625	
Frame Fit (FF)	11.30	
Slot-to-Slot (BB)	11.85	
Across Slot (AB)	.545	
Shaft Diameter (SD)	20mm	
Shaft Length (SL)	12.3125	
Through Shaft Diameter (TS)	20mm	
Hex Nut Outside-to-Outside (OO)	-	

HEX NUT END



SLOTTED SHAFT END



SLOT/HEX NUT DIMS	EXAMPLE	ROLL 1
A	20mm	
B	.545	
C	.331	
D	.375	
E	-	

CUSTOM IDLER ROLL SELECTION

Please fill in the following information and fax it to 320-585-5644.

NAME

EMAIL ADDRESS

PHONE NUMBER

COMPANY NAME

CITY

STATE

ZIP

SLOTTED SHAFT STYLE



FRAME FIT

SHAFT DIAMETER

ROLL LENGTH

SHAFT LENGTH

ROLL DIAMETER

HEX NUT STYLE



FRAME FIT

SHAFT DIAMETER

ROLL LENGTH

SHAFT LENGTH

ROLL DIAMETER

SLOT STYLE



NOTCH THICKNESS

FLANGE THICKNESS

NOTCH WIDTH

FLAT STYLE



FLAT DEPTH

FLAT THICKNESS

HEX STYLE



ACROSS FLATS

BROACH/NUT WIDTH

FLANGE WIDTH

MINOR WIDTH/DIAMETER

ROUND STYLE



ACROSS FLATS

BROACH/NUT WIDTH

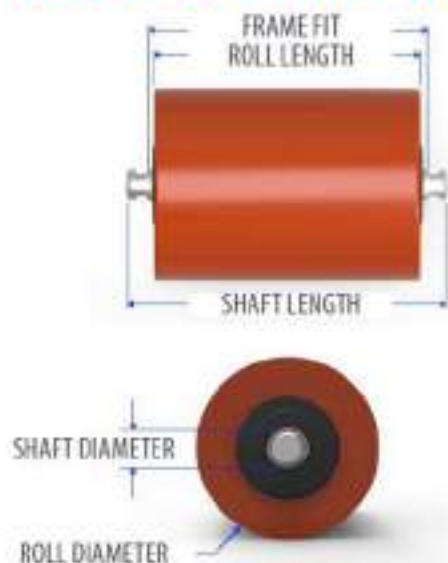
FLANGE WIDTH

MINOR WIDTH/DIAMETER

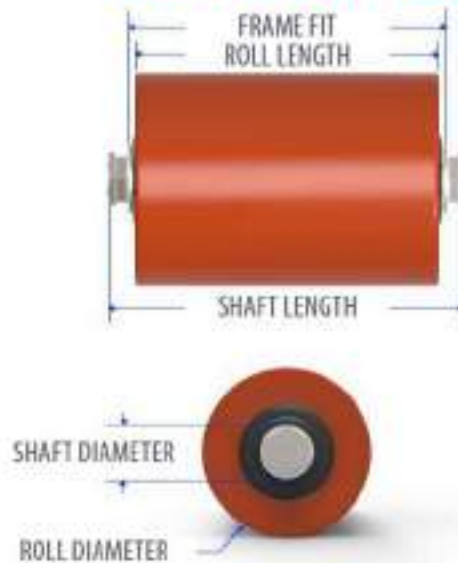
CUSTOM IDLER ROLL SELECTION

This is a reference page to be used to assist you to fill-in the previous page.

SLOTTED SHAFT STYLE



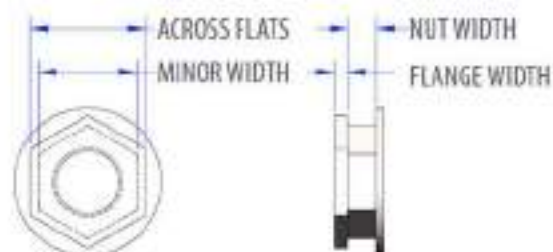
HEX NUT STYLE



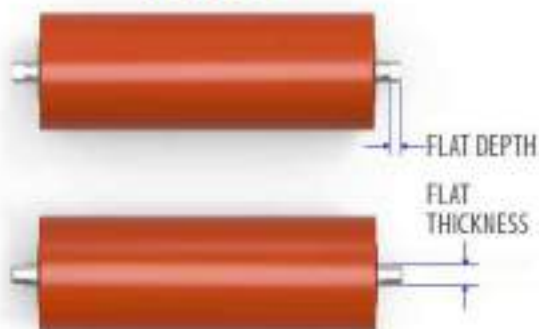
SLOT STYLE



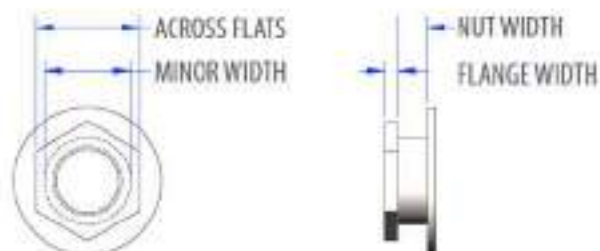
HEX STYLE



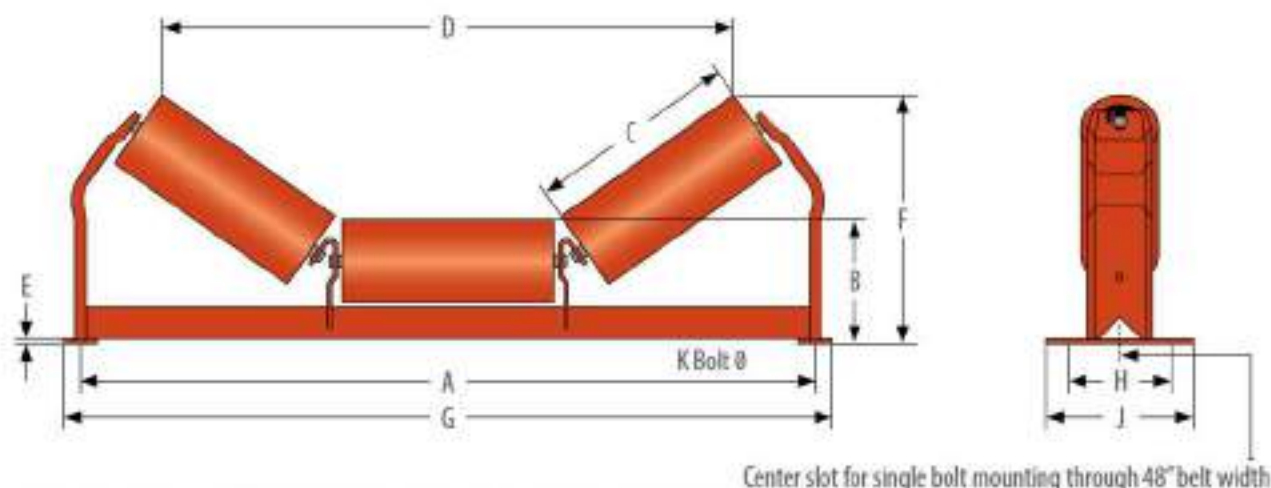
FLAT STYLE



ROUND STYLE



CEMA B IDLERS

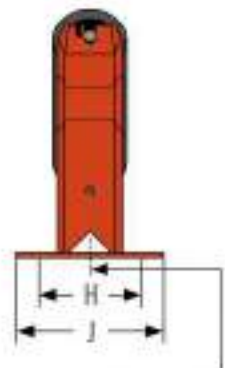
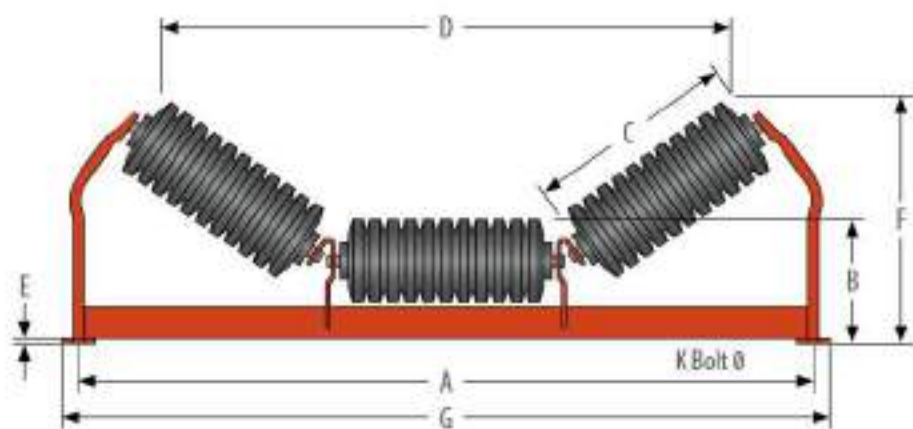


TROUGHING IDLERS (EQUAL LENGTH ROLLERS): 4" AND 5" DIAMETER

	PART NUMBER		BW	A	B		C	D		E	F		G	H	J	K	WT (#)	
	4"	5"			4"	5"		4"	5"		4"	5"					4"	5"
20"	84-20E-14	85-20E-14	14	23	6-15/16	7-7/16	6-1/16	18-15/16	18-0/16	3/16	9-1/8	9-0/16	25	6	8	1/2	25	30
	84-20E-16	85-20E-16	16	25	6-15/16	7-7/16	6-1/16	18-15/16	18-0/16	3/16	9-1/8	9-5/8	27	6	8	1/2	25	30
	84-20E-18	85-20E-18	18	27	6-15/16	7-7/16	7-1/16	21-3/4	21-7/16	3/16	9-7/16	9-7/8	29	6	8	1/2	27	33
	84-20E-20	85-20E-20	20	28	6-15/16	7-7/16	7-11/16	23-13/16	23-1/2	3/16	9-7/16	9-15/16	31	6	8	1/2	29	35
	84-20E-24	85-20E-24	24	33	6-15/16	7-7/16	9-1/16	27-1/2	27-3/16	3/16	10-1/8	10-9/16	35	6	8	1/2	32	39
	84-20E-30	85-20E-30	30	39	6-15/16	7-7/16	11-1/16	33-5/16	32-15/16	3/16	10-33/16	11-5/16	41	6	8	1/2	40	49
	84-20E-36	85-20E-36	36	45	6-15/16	7-7/16	13-1/16	39-3/16	38-11/16	3/16	11-1/2	12	47	6	8	1/2	46	56
	84-20E-42	85-20E-42	42	51	7-7/16	7-15/16	15-1/16	44-13/16	44-7/16	5/16	12-11/16	13-3/16	53	7-1/2	9-1/2	5/8	61	72
35"	84-20E-48	85-20E-48	48	57	7-7/16	7-15/16	17-1/16	50-9/16	50-3/16	5/16	13-3/8	13-7/8	59	7-1/2	9-1/2	5/8	67	80
	84-35E-14	85-35E-14	14	23	6-15/16	7-7/16	6-1/16	16-15/16	16-3/8	3/16	10-1/2	10-7/8	25	6	8	1/2	26	31
	84-35E-16	85-35E-16	16	25	6-15/16	7-7/16	6-1/16	16-15/16	16-3/8	3/16	10-1/2	10-7/8	27	6	8	1/2	26	31
	84-35E-18	85-35E-18	18	27	6-15/16	7-7/16	7-1/16	19-5/8	19	3/16	11-1/16	11-7/16	29	6	8	1/2	28	34
	84-35E-20	85-35E-20	20	29	6-15/16	7-7/16	7-11/16	21-13/16	21-5/16	3/16	11-1/8	11-9/16	31	6	8	1/2	30	36
	84-35E-24	85-35E-24	24	33	6-15/16	7-7/16	9-1/16	24-7/8	24-5/16	3/16	12-3/16	12-5/8	35	6	8	1/2	33	41
	84-35E-30	85-35E-30	30	39	6-15/16	7-7/16	11-1/16	30-3/16	29-9/16	3/16	13-3/8	13-13/16	41	6	8	1/2	42	50
	84-35E-36	85-35E-36	36	45	6-15/16	7-7/16	13-1/16	35-7/16	34-7/8	3/16	14-9/16	14-15/16	47	6	8	1/2	47	57
45"	84-35E-42	85-35E-42	42	51	7-7/16	7-15/16	15-1/16	40-11/16	40-1/8	5/16	16-3/16	16-9/16	53	7-1/2	9-1/2	5/8	62	74
	84-35E-48	85-35E-48	48	57	7-7/16	7-15/16	17-1/16	46	45-1/8	5/16	17-5/16	17-3/4	59	7-1/2	9-1/2	5/8	69	82
	84-45E-18	85-45E-18	18	27	6-15/16	7-7/16	7-1/16	18-3/16	17-1/2	3/16	11-7/8	12-1/4	29	6	8	1/2	29	35
	84-45E-24	85-45E-24	24	33	6-15/16	7-7/16	9-1/16	23	22-1/4	3/16	13-5/16	13-5/8	35	6	8	1/2	34	41
	84-45E-30	85-45E-30	30	39	6-15/16	7-7/16	11-1/16	27-13/16	27-1/8	3/16	14-3/4	15-1/8	41	6	8	1/2	42	51
	84-45E-36	85-45E-36	36	45	6-15/16	7-7/16	13-1/16	31-5/8	31-15/16	3/16	16-3/16	16-1/2	47	6	8	1/2	48	58
84-45E-42	85-45E-42	42	51	7-7/16	7-15/16	15-1/16	37-1/2	36-3/4	5/16	18-1/8	18-7/16	53	7-1/2	9-1/2	5/8	63	75	
84-45E-48	85-45E-48	48	57	7-7/16	7-15/16	17-1/16	42-5/16	41-9/16	5/16	19-1/2	19-7/8	59	7-1/2	9-1/2	5/8	70	83	

Recommended bolt pattern, see "Return & Flat Brackets Styles" section for minimum and maximum dimensions.

CEMA B IDLERS



Center slot for single bolt mounting through 48" belt width

RUBBER CUSHION IMPACT TROUGHING IDLERS: 4" AND 5" DIAMETER

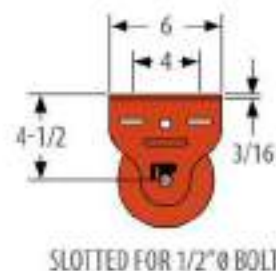
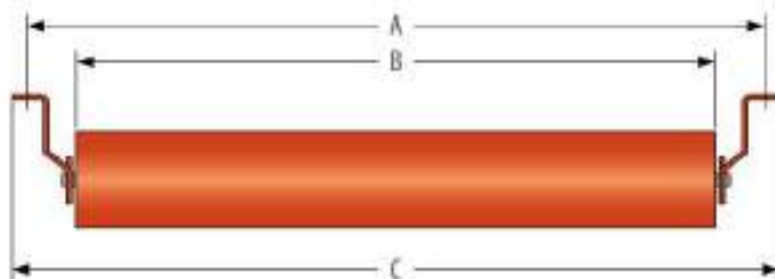
	PART NUMBER		BW	A	B		C	D		E	F		G	H	J	K	WT (#)	
	4"	5"			4"	5"		4"	5"		4"	5"					4"	5"
20°	B4-20EI-18	BS-20EI-18	18	27	6-15/16	7-7/16	7-1/8	20-1/2	20-3/16	3/16	9-3/4	9-3/4	29	6	8	1/2	31	36
	B4-20EI-24	BS-20EI-24	24	33	6-15/16	7-7/16	9-1/8	26-1/4	25-15/16	3/16	9-15/16	10-3/8	35	6	8	1/2	38	43
	B4-20EI-30	BS-20EI-30	30	39	6-15/16	7-7/16	11-1/8	32	31-3/4	3/16	10-5/8	11-1/8	41	6	8	1/2	47	54
	B4-20EI-36	BS-20EI-36	36	45	6-15/16	7-7/16	13-1/8	37-3/4	37-1/2	3/16	11-5/16	11-13/16	47	6	8	1/2	63	72
	B4-20EI-42	BS-20EI-42	42	51	7-7/16	7-15/16	15-1/8	43-9/16	43-1/4	5/16	12-1/2	13	53	7-1/2	9-1/2	5/8	88	99
	B4-20EI-48	BS-20EI-48	48	57	7-7/16	7-15/16	17-1/8	48-5/16	48	5/16	13-3/16	13-11/16	59	7-1/2	9-1/2	5/8	88	99
35°	B4-35EI-18	BS-35EI-18	18	27	6-15/16	7-7/16	7-1/8	18-7/16	17-15/16	3/16	10-3/4	11-3/16	29	6	8	1/2	32	36
	B4-35EI-24	BS-35EI-24	24	33	6-15/16	7-7/16	9-1/8	23-11/16	23-3/16	3/16	11-7/8	12-5/16	35	6	8	1/2	39	44
	B4-35EI-30	BS-35EI-30	30	39	6-15/16	7-7/16	11-1/8	29	28-7/16	3/16	11-3/16	13-1/2	41	6	8	1/2	48	55
	B4-35EI-36	BS-35EI-36	36	45	6-15/16	7-7/16	13-1/8	34-3/16	33-11/16	3/16	14-1/4	14-11/16	47	6	8	1/2	66	74
	B4-35EI-42	BS-35EI-42	42	51	7-7/16	7-15/16	15-1/8	39-1/2	38-15/16	5/16	15-15/16	16-5/16	53	7-1/2	9-1/2	5/8	83	92
	B4-35EI-48	BS-35EI-48	48	57	7-7/16	7-15/16	17-1/8	44-3/4	44-1/4	5/16	17-1/16	17-1/2	59	7-1/2	9-1/2	5/8	91	102
45°	B4-45EI-18	BS-45EI-18	18	27	6-15/16	7-7/16	7-1/8	17-1/8	16-1/2	3/16	11-1/2	11-3/8	29	6	8	1/2	34	37
	B4-45EI-24	BS-45EI-24	24	33	6-15/16	7-7/16	9-1/8	25-15/16	21-5/16	3/16	12-7/8	13-3/16	35	6	8	1/2	39	45
	B4-45EI-30	BS-45EI-30	30	39	6-15/16	7-7/16	11-1/8	26-13/16	26-1/8	3/16	14-5/16	14-11/16	41	6	8	1/2	49	56
	B4-45EI-36	BS-45EI-36	36	45	6-15/16	7-7/16	13-1/8	31-1/2	30-13/16	3/16	15-13/16	16-13/16	47	6	8	1/2	68	76
	B4-45EI-42	BS-45EI-42	42	51	7-7/16	7-15/16	15-1/8	37-7/16	35-3/4	5/16	17-11/16	18-1/16	53	7-1/2	9-1/2	5/8	85	94
	B4-45EI-48	BS-45EI-48	48	57	7-7/16	7-15/16	17-1/8	41-1/2	40-8/16	5/16	19-1/16	19-1/2	59	7-1/2	9-1/2	5/8	93	104

Belt Width (Reinforcing on 36" BW - 48" BW Impact Frame.)

Recommended bolt pattern, see "Return & Flat Brackets Styles" section for minimum and maximum dimensions.

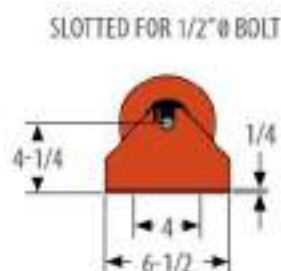
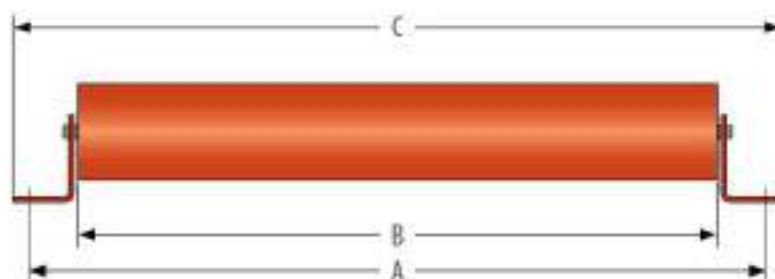
All weights include brackets, individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

CEMA B IDLERS



RETURN IDLERS: 4" AND 5" DIAMETER

PART NUMBER		BW	A	B	C	WT (#)	
4"	5"					4"	5"
B4-RET-14	B5-RET-14	14	23	17-3/8	24-7/16	14	18
B4-RET-16	B5-RET-16	16	25	19-3/8	26-7/16	15	20
B4-RET-18	B5-RET-18	18	27	21-3/8	28-7/16	16	21
B4-RET-20	B5-RET-20	20	29	23-3/8	30-7/16	17	23
B4-RET-24	B5-RET-24	24	33	27-3/8	34-7/16	19	26
B4-RET-30	B5-RET-30	30	39	33-3/8	40-7/16	22	30
B4-RET-36	B5-RET-36	36	45	39-3/8	46-7/16	25	35
B4-RET-42	B5-RET-42	42	51	45-3/8	52-7/16	29	39
B4-RET-48	B5-RET-48	48	57	51-3/8	58-7/16	32	44

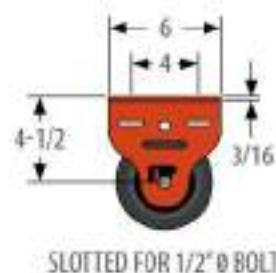
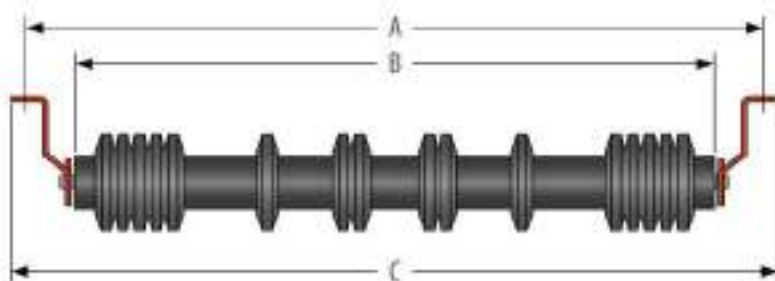


FLAT IDLERS: 4" AND 5" DIAMETER

PART NUMBER		BW	A	B	C	WT (#)	
4"	5"					4"	5"
B4-FLT-14	B5-FLT-14	14	23	17-3/8	24-15/16	16	21
B4-FLT-16	B5-FLT-16	16	25	19-3/8	26-15/16	18	22
B4-FLT-18	B5-FLT-18	18	27	21-3/8	28-15/16	19	24
B4-FLT-20	B5-FLT-20	20	29	23-3/8	30-15/16	20	25
B4-FLT-24	B5-FLT-24	24	33	27-3/8	34-15/16	23	28
B4-FLT-30	B5-FLT-30	30	39	33-3/8	40-15/16	25	33
B4-FLT-36	B5-FLT-36	36	45	39-3/8	46-15/16	28	37
B4-FLT-42	B5-FLT-42	42	51	45-3/8	52-15/16	31	42
B4-FLT-48	B5-FLT-48	48	57	51-3/8	58-15/16	34	46

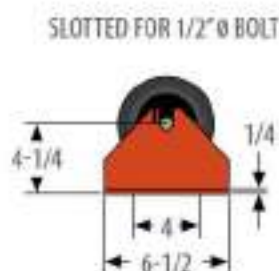
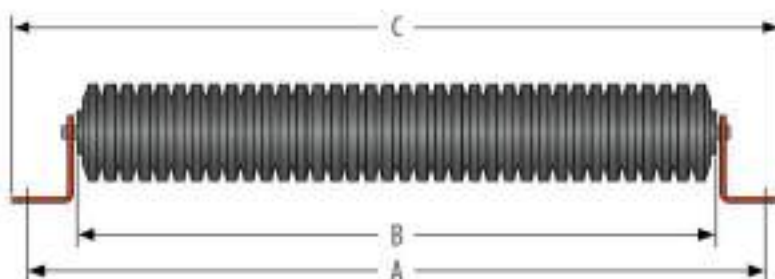
All weights include brackets, individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

CEMA B IDLERS



RUBBER CUSHION RETURN IDLERS: 4" AND 5"

PART NUMBER		BW	A	B	C	WT (#)	
4"	5"					4"	5"
84-RET1-18	85-RET1-18	18	27	21-7/16	28-7/16	19	21
84-RET1-20	85-RET1-20	20	28	23-7/16	30-7/16	20	23
84-RET1-24	85-RET1-24	24	33	27-7/16	34-7/16	23	26
84-RET1-30	85-RET1-30	30	39	33-7/16	40-7/16	26	30
84-RET1-36	85-RET1-36	36	45	39-7/16	46-7/16	30	34
84-RET1-42	85-RET1-42	42	51	45-7/16	52-7/16	34	38
84-RET1-48	85-RET1-48	48	57	51-7/16	58-7/16	37	41

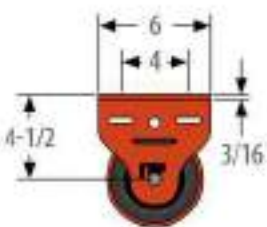
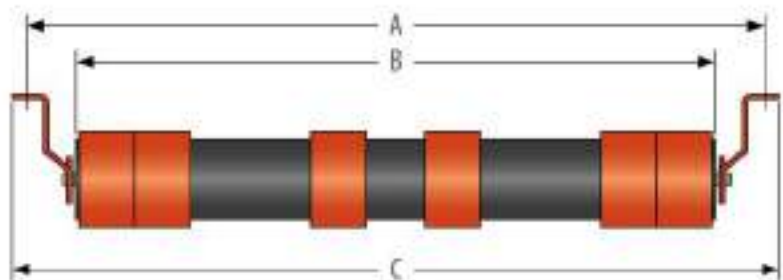


RUBBER CUSHION FLAT IDLERS: 4" AND 5"

PART NUMBER		BW	A	B	C	WT (#)	
4"	5"					4"	5"
84-FLT1-18	85-FLT1-18	18	27	21-7/16	30-15/16	23	28
84-FLT1-24	85-FLT1-24	24	33	27-1/16	34-15/16	28	34
84-FLT1-30	85-FLT1-30	30	39	33-7/16	40-15/16	33	40
84-FLT1-36	85-FLT1-36	36	45	39-7/16	46-15/16	37	46
84-FLT1-42	85-FLT1-42	42	51	45-7/16	52-15/16	42	52
84-FLT1-48	85-FLT1-48	48	57	51-7/16	58-15/16	47	59

All weights include brackets, individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

CEMA B IDLERS

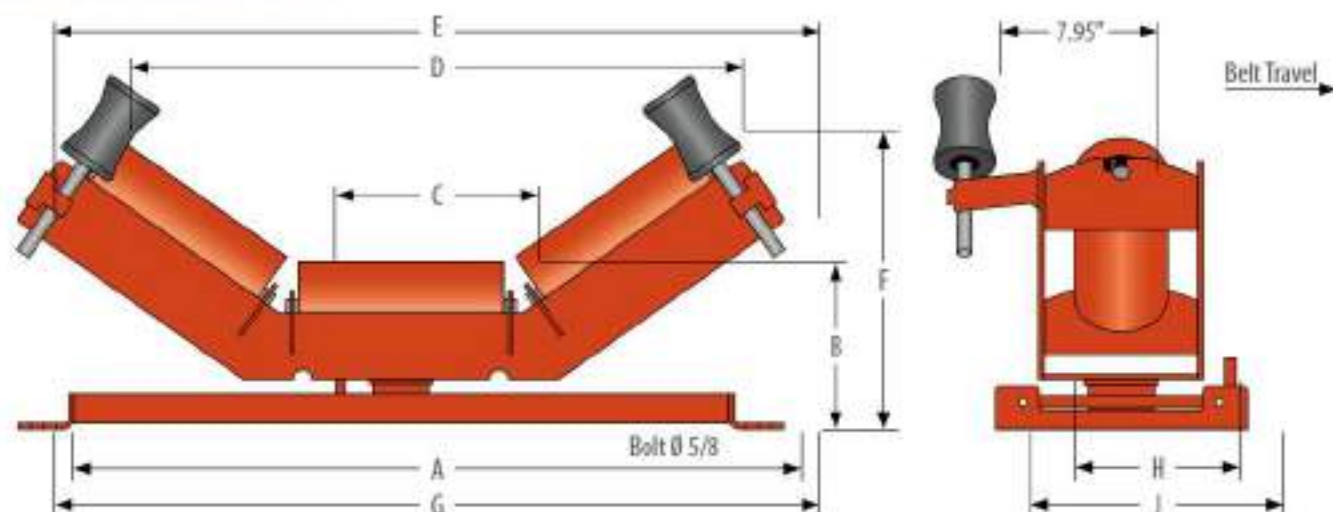


URATHON® RETURN ROLL: 5" DIAMETER

PART NUMBER	BW	A	B	C	WT (lb)
RS-RETU-18	18	27	21-1/8	28-7/16	21
RS-RETU-24	24	33	27-1/8	34-7/16	24
RS-RETU-30	30	39	33-1/8	40-7/16	28
RS-RETU-36	36	45	39-1/8	46-7/16	32
RS-RETU-42	42	51	45-1/8	52-7/16	36
RS-RETU-48	48	57	51-1/8	58-7/16	40

Spiral Urathon is only available in 6" diameter.
All weights include brackets, individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

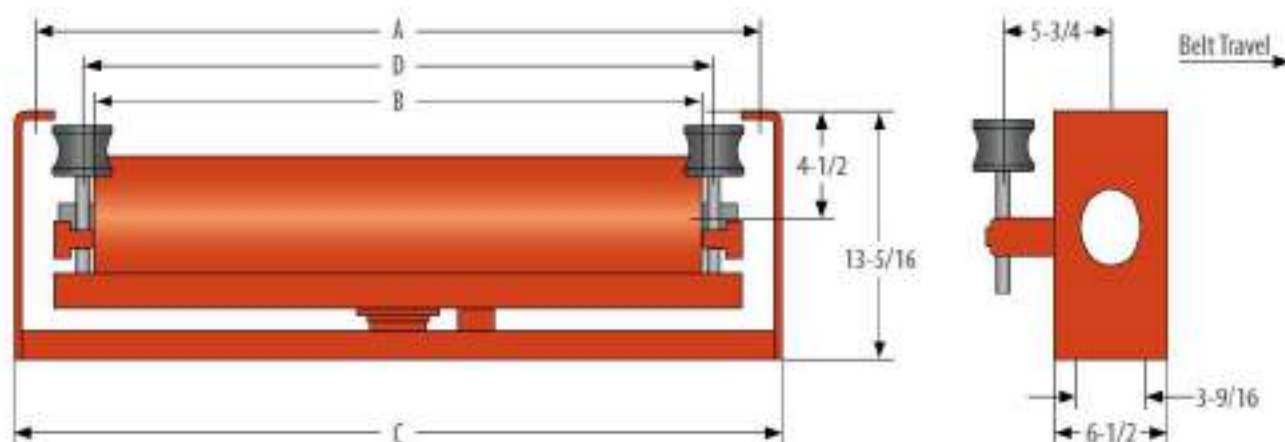
CEMA B IDLERS



SELF-ALIGNING TROUGHING IDLERS: 4" AND 5"

	PART NUMBER		BW	A	B		C	D		E	F		G	H	J	WT (#)	
	4"	5"			4"	5"		4"	5"		4"	5"				4"	5"
20°	84-20EA-18	85-20EA-18	18	27	7-1/2	8	6-7/8	23	22-7/8	31-1/4	16-1/8	10-11/16	28-3/4	6	11-1/2	85	91
	84-20EA-24	85-20EA-24	24	33	7-1/2	8	8-7/8	28-13/16	22-5/8	37	18-15/16	11-3/8	34-3/4	6	11-1/2	96	103
	84-20EA-30	85-20EA-30	30	39	7-1/2	8	10-7/8	34-9/16	34-3/8	42-3/4	11-5/8	12-1/16	40-3/4	6	11-1/2	106	115
	84-20EA-36	85-20EA-36	36	45	7-1/2	8	12-7/8	40-5/16	40-1/8	48-1/2	12-1/8	12-3/4	46-3/4	6	11-1/2	117	127
	84-20EA-42	85-20EA-42	42	51	8	8-1/2	14-7/8	45-7/8	45-3/4	54-1/16	13-7/16	13-15/16	52-3/4	7-1/2	11-1/2	131	142
	84-20EA-48	85-20EA-48	48	57	8	8-1/2	16-7/8	51-11/16	51-1/2	59-11/16	14-1/8	14-5/8	58-3/4	7-1/2	11-1/2	142	156
	84-35EA-18	85-35EA-18	18	27	7-1/2	8	6-7/8	19-15/16	19-9/16	30-9/16	11-7/8	12-3/4	28-3/4	6	11-1/2	86	92
35°	84-35EA-24	85-35EA-24	24	33	7-1/2	8	8-7/8	25-3/16	24-7/8	35-11/16	13	13-3/8	34-3/4	6	11-1/2	97	104
	84-35EA-30	85-35EA-30	30	39	7-1/2	8	10-7/8	30-1/2	30-1/8	41-1/16	14-1/8	14-9/16	40-3/4	6	11-1/2	107	115
	84-35EA-36	85-35EA-36	36	45	7-1/2	8	12-7/8	35-3/4	35-7/16	46-3/8	15-5/16	15-11/16	46-3/4	6	11-1/2	117	127
	84-35EA-42	85-35EA-42	42	51	8	8-1/2	14-7/8	40-11/16	40-3/8	51-5/16	16-15/16	17-3/8	52-3/4	7-1/2	11-1/2	132	143
	84-35EA-48	85-35EA-48	48	57	8	8-1/2	16-7/8	46	45-5/8	56-5/8	18-1/16	18-1/2	58-3/4	7-1/2	11-1/2	143	155
	84-45EA-18	85-45EA-18	18	27	7-1/2	8	6-7/8	19-1/2	18-3/4	30-11/16	12-3/4	13-1/16	28-3/4	6	11-1/2	87	93
	84-45EA-24	85-45EA-24	24	33	7-1/2	8	8-7/8	24-5/16	23-9/16	35-1/2	14-1/16	14-1/2	34-3/4	6	11-1/2	98	105
45°	84-45EA-30	85-45EA-30	30	39	7-1/2	8	10-7/8	28-3/16	28-3/8	40-5/16	15-5/8	15-15/16	40-3/4	6	11-1/2	108	117
	84-45EA-36	85-45EA-36	36	45	7-1/2	8	12-7/8	34	33-3/16	45-3/16	17	17-5/16	46-3/4	6	11-1/2	119	128
	84-45EA-42	85-45EA-42	42	51	8	8-1/2	14-7/8	38-7/16	37-5/8	50-1/8	18-15/16	19-1/4	52-3/4	7-1/2	11-1/2	133	144
	84-45EA-48	85-45EA-48	48	57	8	8-1/2	16-7/8	43-1/4	42-7/16	55-1/8	20-3/8	20-5/8	58-3/4	7-1/2	11-1/2	144	157

CEMA B IDLERS



SELF-ALIGNING RETURN IDLERS: 4" AND 5" DIAMETER

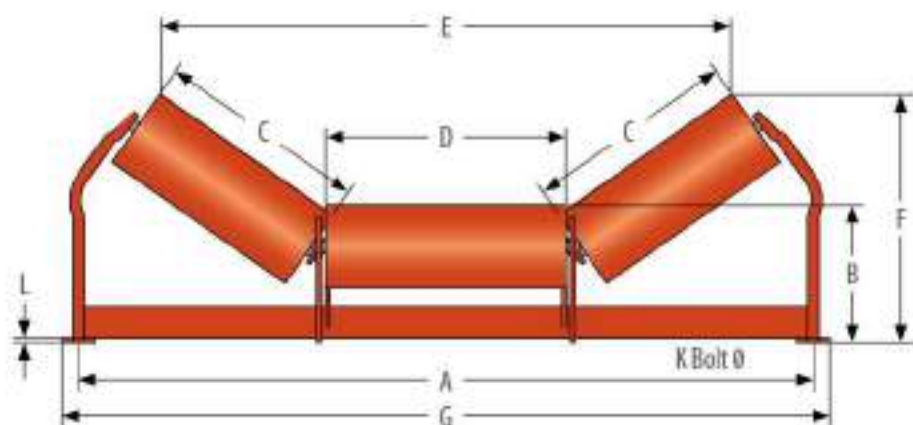
PART NUMBER		BW	A	B	C	D	WT (#)	
4"	5"						4"	5"
B4-RETA-18	B5-RETA-18	18	27	21-3/8	29-1/2	25-5/8	62	68
B4-RETA-24	B5-RETA-24	24	33	27-3/8	35-1/2	31-5/8	70	77
B4-RETA-30	B5-RETA-30	30	39	33-3/8	41-1/2	37-5/8	80	88
B4-RETA-36	B5-RETA-36	36	45	39-3/8	47-1/2	43-5/8	88	97
B4-RETA-42	B5-RETA-42	42	51	45-3/8	53-1/2	49-5/8	104	115
B4-RETA-48	B5-RETA-48	48	57	51-3/8	59-1/2	55-5/8	113	125

Also available in bi-directional. Designated by "BA".

All weights include brackets only applies to RET, RETI, FLI or FLTI.

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

CEMA B IDLERS

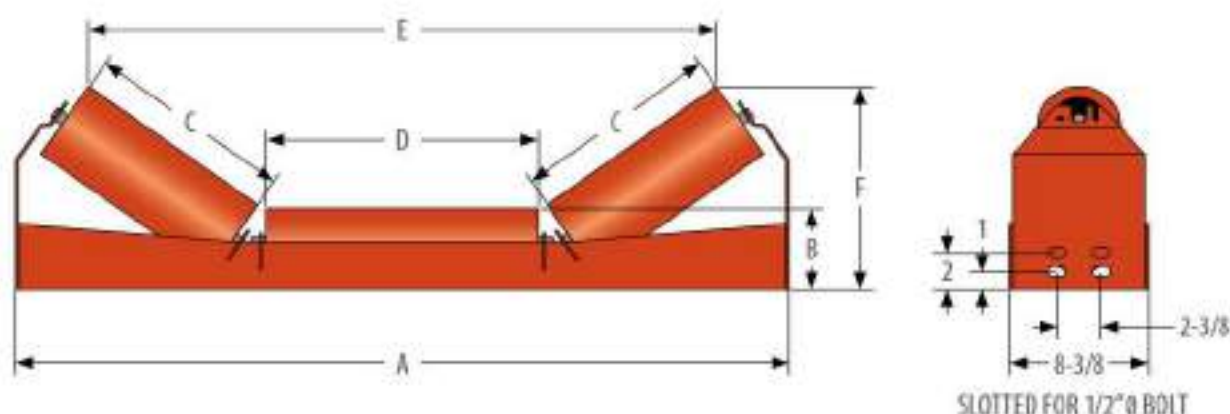


Center slot for single bolt mounting through 48" belt width

OFFSET CENTER ROLL IDLERS: 4" AND 5" DIAMETER

	PART NUMBER		BW	A	B		C	D	E		F		G	H	J	K	L	WT (#)	
	4"	5"			4"	5"			4"	5"	4"	5"						4"	5"
20°	B4-2000-18	B5-2000-18	18	27	7-3/16	7-11/16	7-1/16	9-1/16	21-11/16	21-7/16	9-3/8	9-7/8	29	6	8	1/2	3/16	31	37
	B4-2000-24	B5-2000-24	24	33	7-3/16	7-11/16	9-1/16	11-1/16	27-7/16	27-3/16	10-1/16	10-9/16	35	6	8	1/2	3/16	36	43
	B4-2000-30	B5-2000-30	30	39	7-3/16	7-11/16	11-1/16	13-1/16	33-3/16	32-15/16	10-13/16	11-5/16	41	6	8	1/2	3/16	43	52
	B4-2000-36	B5-2000-36	36	45	7-3/16	7-11/16	13-1/16	15-1/16	39	38-11/16	11-1/2	12	47	6	8	1/2	5/16	49	59
	B4-2000-42	B5-2000-42	42	51	7-11/16	8-3/16	15-1/16	17-1/16	44-3/4	44-7/16	12-11/16	13-3/16	53	7-1/2	9-1/2	5/8	5/16	64	76
	B4-2000-48	B5-2000-48	48	57	7-11/16	8-3/16	17-1/16	19-1/16	50-1/2	50-3/16	13-3/8	13-7/8	59	7-1/2	9-1/2	5/8	5/16	70	84
35°	B4-3500-18	B5-3500-18	18	27	7-1/16	7-9/16	7-1/16	9-1/16	19-5/8	19	11-1/16	11-7/16	29	6	8	1/2	3/16	32	38
	B4-3500-24	B5-3500-24	24	33	7-1/16	7-9/16	9-1/16	11-1/16	24-7/8	24-5/16	12-3/16	12-5/8	35	6	8	1/2	3/16	37	44
	B4-3500-30	B5-3500-30	30	39	7-1/8	7-5/8	11-1/16	13-1/16	30-3/16	29-9/16	13-3/16	13-13/16	41	6	8	1/2	3/16	45	54
	B4-3500-36	B5-3500-36	36	45	7-1/8	7-5/8	13-1/16	15-1/16	35-7/16	34-7/8	14-9/16	14-15/16	47	6	8	1/2	5/16	50	61
	B4-3500-42	B5-3500-42	42	51	7-5/8	8-1/8	15-1/16	17-1/16	40-11/16	40-1/8	16-3/16	16-9/16	53	7-1/2	9-1/2	5/8	5/16	66	78
	B4-3500-48	B5-3500-48	48	57	7-5/8	8-1/8	17-1/16	19-1/16	46	45-3/8	17-5/16	17-3/4	59	7-1/2	9-1/2	5/8	5/16	72	86
45°	B4-4500-18	B5-4500-18	18	27	7-1/4	7-3/4	7-1/16	9-1/16	18-3/16	17-7/16	11-7/8	12-1/4	29	6	8	1/2	3/16	32	38
	B4-4500-24	B5-4500-24	24	33	7-1/4	7-3/4	9-1/16	11-3/16	23	22-1/4	13-5/16	13-5/8	35	6	8	1/2	3/16	37	45
	B4-4500-30	B5-4500-30	30	39	7-5/16	7-13/16	11-1/16	13-1/16	27-11/16	27-1/8	14-3/4	15-1/8	41	6	8	1/2	3/16	46	55
	B4-4500-36	B5-4500-36	36	45	7-5/16	7-13/16	13-1/16	15-1/16	32-5/8	31-15/16	16-3/16	16-1/2	47	6	8	1/2	5/16	51	62
	B4-4500-42	B5-4500-42	42	51	7-7/16	7-15/16	15-1/16	17-1/16	37-1/2	36-3/4	18-1/16	18-7/16	53	7-1/2	9-1/2	5/8	5/16	67	79
	B4-4500-48	B5-4500-48	48	57	7-7/16	7-15/16	17-1/16	19-3/8	42-5/16	41-9/16	19-1/2	19-15/16	59	7-1/2	9-1/2	5/8	5/16	74	87

CEMA B IDLERS

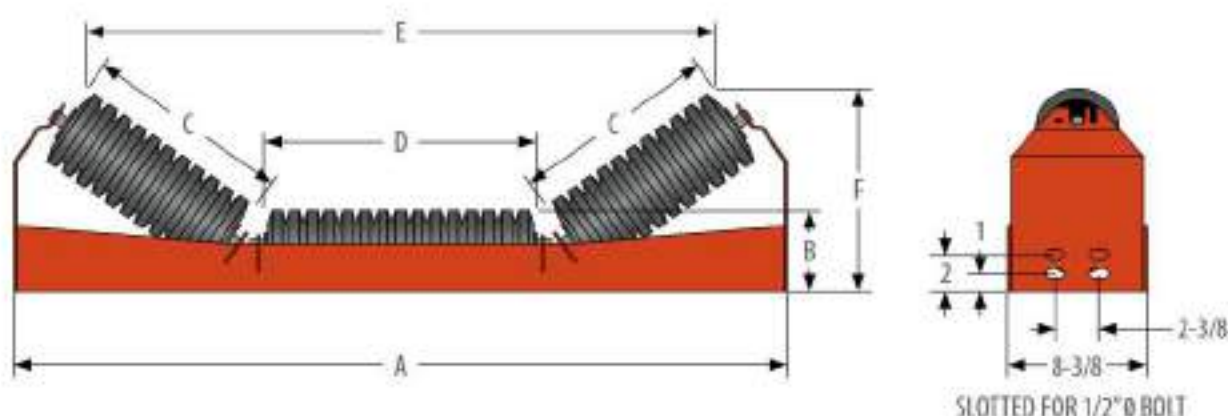


CHANNEL MOUNT: 4" AND 5" DIAMETER

	PART NUMBER		BW	A	B		C	D	E		F		WT (#)	
	4"	5"			4"	5"			4"	5"	4"	5"	4"	5"
20°	B4-20CM-18	B5-20CM-18	18	23-5/8	4-7/16	4-15/16	5-7/8	6-7/8	20-1/8	19-3/4	4-9/16	7	34	39
	B4-20CM-24	B5-20CM-24	24	29-5/8	4-7/16	4-15/16	6-7/8	10-7/8	26-1/16	25-3/4	6-7/8	7-3/8	40	47
	B4-20CM-30	B5-20CM-30	30	35-5/8	4-7/16	4-15/16	8-7/8	12-7/8	31-13/16	31-7/16	7-9/16	9-1/16	49	57
	B4-20CM-36	B5-20CM-36	36	41-5/8	4-7/16	4-15/16	10-7/8	14-7/8	37-5/8	37-1/4	8-1/4	8-3/4	60	70
	B4-20CM-42	B5-20CM-42	42	47-5/8	4-7/16	4-15/16	12-7/8	16-7/8	43-1/8	43-1/16	8-15/16	9-7/16	70	80
	B4-20CM-48	B5-20CM-48	48	53-5/8	4-7/16	4-15/16	14-7/8	18-7/8	49	48-11/16	9-5/8	10-1/8	77	89
35°	B4-35CM-18	B5-35CM-18	18	23-5/8	4-7/16	4-15/16	5-7/8	6-7/8	18-1/16	17-1/2	8	8-3/8	37	42
	B4-35CM-24	B5-35CM-24	24	29-5/8	4-7/16	4-15/16	6-7/8	10-7/8	23-3/4	23-1/4	8-5/8	8-15/16	44	51
	B4-35CM-30	B5-35CM-30	30	35-5/8	4-7/16	4-15/16	8-7/8	12-7/8	29	28-7/16	9-3/4	10-1/8	52	60
	B4-35CM-36	B5-35CM-36	36	41-5/8	4-7/16	4-15/16	10-7/8	14-7/8	34-3/8	33-7/8	10-15/16	11-1/4	65	74
	B4-35CM-42	B5-35CM-42	42	47-5/8	4-7/16	4-15/16	12-7/8	16-7/8	39-1/2	39	12-1/16	12-3/8	73	84
	B4-35CM-48	B5-35CM-48	48	53-5/8	4-7/16	4-15/16	14-7/8	18-7/8	44-1/4	44-3/16	13-3/16	13-9/16	81	93

Also available in standard mount designated by "SM".

CEMA B IDLERS

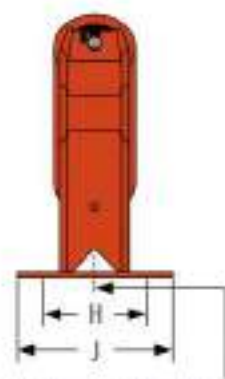
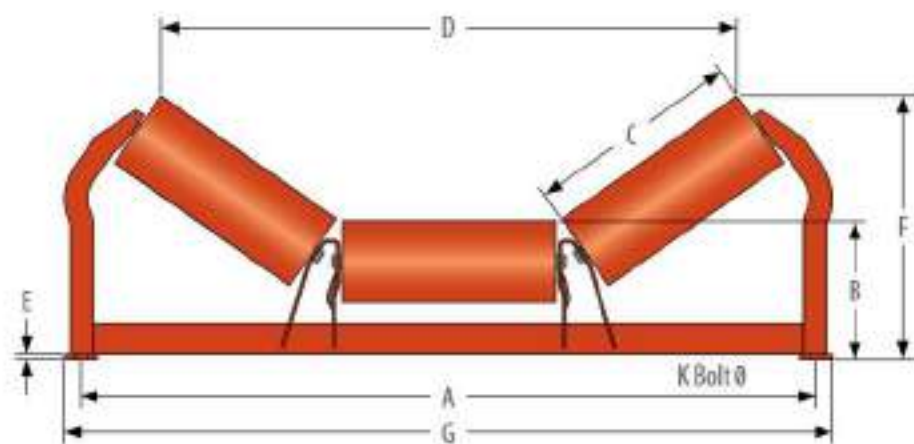


CHANNEL MOUNT IMPACT IDLERS: 4" AND 5" DIAMETER

	PART NUMBER		BW	A	B		C	D	E		F		WT (#)	
	4"	5"			4"	5"			4"	5"	4"	5"	4"	5"
20°	B4-20CM-18	B5-20CM-18	18	23-5/8	4-7/16	4-15/16	5-15/16	4-15/16	18-7/8	18-1/2	6-7/16	6-7/8	34	40
	B4-20CM-24	B5-20CM-24	24	29-5/8	4-7/16	4-15/16	6-15/16	10-15/16	24-7/8	24-1/2	6-13/16	7-1/8	44	50
	B4-20CM-30	B5-20CM-30	30	35-5/8	4-7/16	4-15/16	8-15/16	12-15/16	30-5/8	30-1/4	7-7/16	7-15/16	54	60
	B4-20CM-36	B5-20CM-36	36	41-5/8	4-7/16	4-15/16	10-15/16	14-15/16	36-3/8	36-1/16	8-1/8	8-5/8	67	75
	B4-20CM-42	B5-20CM-42	42	47-5/8	4-7/16	4-15/16	12-15/16	16-15/16	42-1/8	42-13/16	9-13/16	9-5/16	78	87
	B4-20CM-48	B5-20CM-48	48	53-5/8	4-7/16	4-15/16	14-15/16	18-15/16	47-7/8	47-9/16	9-1/2	9-15/16	87	97
35°	B4-35CM-18	B5-35CM-18	18	23-5/8	4-7/16	4-15/16	5-15/16	4-15/16	17-1/16	16-1/2	7-11/16	8-1/8	39	43
	B4-35CM-24	B5-35CM-24	24	29-5/8	4-7/16	4-15/16	6-15/16	10-15/16	22-13/16	22-1/4	8-5/16	8-11/16	48	53
	B4-35CM-30	B5-35CM-30	30	35-5/8	4-7/16	4-15/16	8-15/16	12-15/16	28-1/16	27-1/2	9-7/16	9-7/8	57	64
	B4-35CM-36	B5-35CM-36	36	41-5/8	4-7/16	4-15/16	10-15/16	14-15/16	33-3/8	32-13/16	10-5/8	11	71	79
	B4-35CM-42	B5-35CM-42	42	47-5/8	4-7/16	4-15/16	12-15/16	16-15/16	38-5/8	38-1/16	11-3/4	12-3/16	81	90
	B4-35CM-48	B5-35CM-48	48	53-5/8	4-7/16	4-15/16	14-15/16	18-15/16	43-15/16	43-5/16	12-15/16	13-5/16	91	101

Also available in standard mount designated by "SM".

CEMA C IDLERS



Center slot for single bolt mounting through 48" belt width

TROUGHING IDLERS (EQUAL LENGTH ROLLERS): 4" DIAMETER

	PART NUMBER	BW	A	B	C	D	E	F	G	H	J	K	WT (#)
20°	C4-20E-18	18	27	7-13/16	6-15/16	22-3/16	3/16	10-5/16	29	6	8	1/2	33
	C4-20E-24	24	33	7-15/16	8-15/16	22-15/16	5/16	11-1/16	35	6	9-1/2	5/8	40
	C4-20E-30	30	39	7-15/16	10-15/16	23-13/16	5/16	11-13/16	41	6	9-3/2	5/8	48
	C4-20E-36	36	45	7-15/16	12-15/16	29-7/16	5/16	12-1/2	47	6	9-1/2	5/8	54
	C4-20E-42	42	51	8-5/16	14-15/16	45-3/16	5/16	13-9/16	53	7-1/2	9-3/2	5/8	68
	C4-20E-48	48	57	8-5/16	16-15/16	51	5/16	14-1/4	59	7-1/2	9-3/2	5/8	75
	C4-20E-54	54	63	8-3/4	18-15/16	56-3/4	3/8	15-5/16	65-1/2	9	11	5/8	90
	C4-20E-60	60	69	8-3/4	20-15/16	62-1/2	3/8	16	71-1/2	9	11	5/8	97
35°	C4-35E-18	18	27	7-13/16	6-15/16	20-1/16	3/16	12	29	6	8	1/2	35
	C4-35E-24	24	33	7-15/16	8-15/16	25-5/16	5/16	13-5/16	35	6	9-1/2	5/8	42
	C4-35E-30	30	39	7-15/16	10-15/16	30-9/16	5/16	14-7/16	41	6	9-3/2	5/8	50
	C4-35E-36	36	45	7-15/16	12-15/16	35-7/8	5/16	15-5/8	47	6	9-3/2	5/8	56
	C4-35E-42	42	51	8-5/16	14-15/16	41-3/8	5/16	17-1/8	53	7-1/2	9-3/2	5/8	64
	C4-35E-48	48	57	8-5/16	16-15/16	46-3/8	5/16	18-5/16	59	7-1/2	9-3/2	5/8	78
	C4-35E-54	54	63	8-3/4	18-15/16	51-13/16	3/8	19-7/8	65-1/2	9	11	5/8	93
	C4-35E-60	60	69	8-3/4	20-15/16	56-15/16	3/8	21	71-1/2	9	11	5/8	101
45°	C4-45E-18	18	27	7-13/16	6-15/16	18-3/4	3/16	13-1/8	29	6	8	1/2	36
	C4-45E-24	24	33	7-15/16	8-15/16	23-9/16	5/16	14-5/8	35	6	9-1/2	5/8	43
	C4-45E-30	30	39	7-15/16	10-15/16	28-7/16	5/16	16-1/16	41	6	9-1/2	5/8	52
	C4-45E-36	36	45	7-15/16	12-15/16	33-1/4	5/16	17-1/2	47	6	9-1/2	5/8	58
	C4-45E-42	42	51	8-5/16	14-15/16	38-1/16	5/16	19-5/16	53	7-1/2	9-3/2	5/8	73
	C4-45E-48	48	57	8-5/16	16-15/16	42-15/16	5/16	20-11/16	59	7-1/2	9-3/2	5/8	80
	C4-45E-54	54	63	8-3/4	18-15/16	47-3/4	3/8	22-1/2	65-1/2	9	11	5/8	96
	C4-45E-60	60	69	8-3/4	20-15/16	52-9/16	3/8	23-15/16	71-1/2	9	11	5/8	104

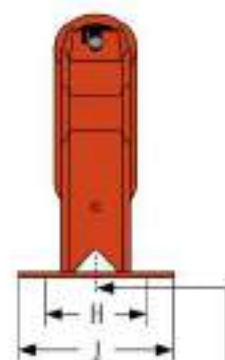
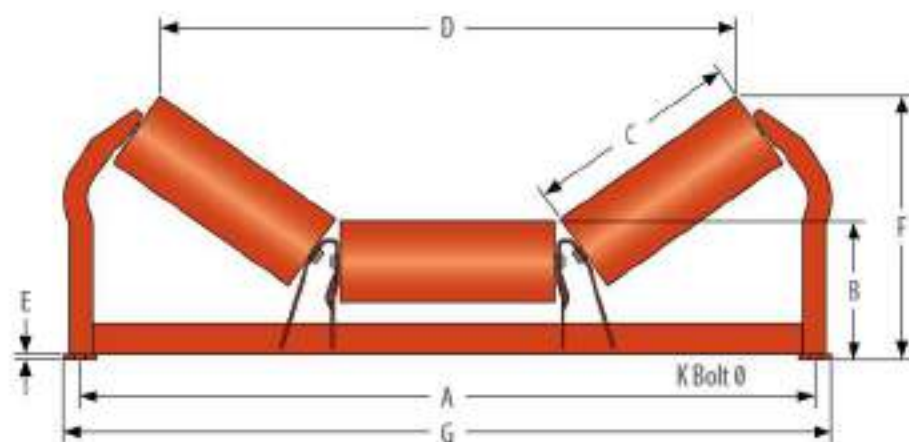
Add "TDM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

Add "MOX" to the end of the part number to replace steel rolls with Moxie Rolls.

Recommended bolt pattern, see "Tie-rod & Flat Brackets Styles" section for minimum and maximum dimensions.

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

CEMA C IDLERS



Center slot for single bolt mounting through 48" belt width

TROUGHING IDLERS (EQUAL LENGTH ROLLERS): 5" DIAMETER

20°

35°

45°

PART NUMBER	BW	A	B	C	D	E	F	G	H	J	K	WT (#)
CS-20E-18	18	27	8-5/16	6-15/16	21-7/8	3/16	18-3/4	28	6	8	1/2	39
CS-20E-24	24	33	8-7/16	8-15/16	27-5/8	5/16	11-9/16	35	6	9-1/2	5/8	47
CS-20E-30	30	39	8-7/16	10-15/16	33-7/16	5/16	12-5/16	41	6	9-1/2	5/8	57
CS-20E-36	36	45	8-7/16	12-15/16	39-3/16	5/16	12-15/16	47	6	9-1/2	5/8	64
CS-20E-42	42	51	8-13/16	14-15/16	44-15/16	5/16	14-1/16	53	7-1/2	9-1/2	5/8	80
CS-20E-48	48	57	8-13/16	16-15/16	50-11/16	5/16	14-3/4	59	7-5/2	9-1/2	5/8	88
CS-20E-54	54	63	9-1/4	18-15/16	56-7/16	3/8	15-13/16	65-1/2	9	11	5/8	104
CS-20E-60	60	69	9-1/4	20-15/16	63-3/16	3/8	16-1/2	71-1/2	9	11	5/8	113
CS-35E-18	18	27	8-5/16	6-15/16	19-9/16	3/16	12-7/16	28	6	8	1/2	41
CS-35E-24	24	33	8-7/16	8-15/16	24-11/16	5/16	13-11/16	35	6	9-1/2	5/8	49
CS-35E-30	30	39	8-7/16	10-15/16	30-1/16	5/16	14-7/8	41	6	9-1/2	5/8	59
CS-35E-36	36	45	8-7/16	12-15/16	35-1/8	5/16	16-1/16	47	6	9-1/2	5/8	67
CS-35E-42	42	51	8-13/16	14-15/16	40-5/8	5/16	17-9/16	53	7-1/2	9-1/2	5/8	82
CS-35E-48	48	57	8-13/16	16-15/16	45-13/16	5/16	18-11/16	59	7-5/2	9-1/2	5/8	91
CS-35E-54	54	63	9-1/4	18-15/16	51-1/8	3/8	20-1/4	65-1/2	9	11	5/8	106
CS-35E-60	60	69	9-1/4	20-15/16	56-7/16	3/8	21-7/16	71-1/2	9	11	5/8	117
CS-45E-18	18	27	8-5/16	6-15/16	18-1/16	3/16	13-7/16	28	6	8	1/2	42
CS-45E-24	24	33	8-7/16	8-15/16	22-7/8	5/16	15	35	6	9-1/2	5/8	50
CS-45E-30	30	39	8-7/16	10-15/16	27-11/16	5/16	16-7/16	41	6	9-1/2	5/8	61
CS-45E-36	36	45	8-7/16	12-15/16	32-9/16	5/16	17-7/8	47	6	9-1/2	5/8	68
CS-45E-42	42	51	8-13/16	14-15/16	37-7/16	5/16	18-5/8	53	7-1/2	9-1/2	5/8	84
CS-45E-48	48	57	8-13/16	16-15/16	42-1/4	5/16	21-1/16	59	7-5/2	9-1/2	5/8	93
CS-45E-54	54	63	9-1/4	18-15/16	47-1/16	3/8	22-7/8	65-1/2	9	11	5/8	110
CS-45E-60	60	69	9-1/4	20-15/16	51-7/16	3/8	27-5/16	71-1/2	9	11	5/8	120

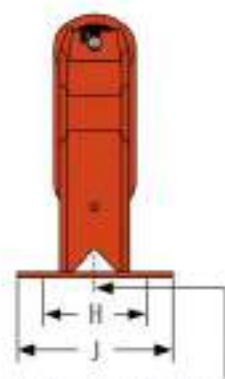
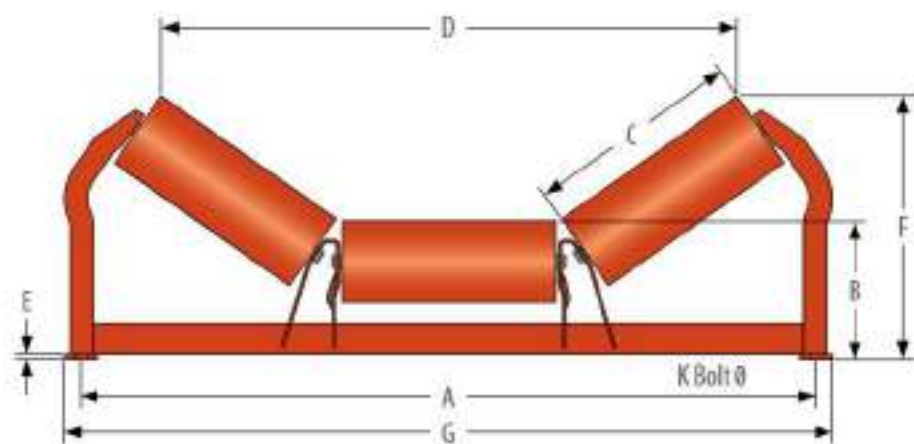
Add "TTM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

Add "MOX" to the end of the part number to replace steel cans with Moxie Rolls.

Recommended bolt pattern, see "Return & Flat Brackets Styles" section for minimum and maximum dimensions.

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

CEMA C IDLERS



Center slot for single bolt mounting through 48" belt width

TROUGHING IDLERS (EQUAL LENGTH ROLLERS): 6" DIAMETER

	PART NUMBER	BW	A	B	C	D	E	F	G	H	J	K	WT (#)
20°	C6-20E-18	18	27	8-13/16	6-15/16	21-9/16	3/16	11-1/4	29	6	8	1/2	46
	C6-20E-24	24	33	8-15/16	8-15/16	27-5/16	5/16	12-1/8	35	6	9-1/2	5/8	57
	C6-20E-30	30	39	8-15/16	10-15/16	33-1/16	5/16	12-3/4	41	6	9-1/2	5/8	69
	C6-20E-36	36	45	8-15/16	12-15/16	39-7/8	5/16	13-7/16	47	6	9-1/2	5/8	78
	C6-20E-42	42	51	9-5/16	14-15/16	45-5/8	5/16	14-1/2	53	7-1/2	9-1/2	5/8	95
	C6-20E-48	48	57	9-5/16	16-15/16	50-3/8	5/16	15-3/16	59	7-1/2	9-1/2	5/8	105
	C6-20E-54	54	63	9-3/4	18-15/16	56-1/8	3/8	16-5/16	65-1/2	9	11	5/8	124
	C6-20E-60	60	69	9-3/4	20-15/16	61-7/8	3/8	17	71-1/2	9	11	5/8	135
35°	C6-35E-18	18	27	8-13/16	6-15/16	18-15/16	3/16	12-13/16	29	6	8	1/2	48
	C6-35E-24	24	33	8-15/16	8-15/16	24-1/4	5/16	14-1/8	35	6	9-1/2	5/8	59
	C6-35E-30	30	39	8-15/16	10-15/16	29-1/2	5/16	15-1/4	41	6	9-1/2	5/8	71
	C6-35E-36	36	45	8-15/16	12-15/16	34-13/16	5/16	16-7/16	47	6	9-1/2	5/8	80
	C6-35E-42	42	51	9-5/16	14-15/16	40-1/16	5/16	17-15/16	53	7-1/2	9-1/2	5/8	98
	C6-35E-48	48	57	9-5/16	16-15/16	45-3/8	5/16	19-1/8	59	7-1/2	9-1/2	5/8	109
	C6-35E-54	54	63	9-3/4	18-15/16	50-5/8	3/8	20-11/16	65-1/2	9	11	5/8	128
	C6-35E-60	60	69	9-3/4	20-15/16	55-15/16	3/8	21-13/16	71-1/2	9	11	5/8	139
45°	C6-45E-18	18	27	8-13/16	6-15/16	17-7/16	3/16	13-3/4	29	6	8	1/2	49
	C6-45E-24	24	33	8-15/16	8-15/16	22-1/4	5/16	15-5/16	35	6	9-1/2	5/8	60
	C6-45E-30	30	39	8-15/16	10-15/16	27-1/8	5/16	16-3/4	41	6	9-1/2	5/8	73
	C6-45E-36	36	45	8-15/16	12-15/16	31-15/16	5/16	18-3/16	47	6	9-1/2	5/8	82
	C6-45E-42	42	51	9-5/16	14-15/16	36-3/4	5/16	19-15/16	53	7-1/2	9-1/2	5/8	100
	C6-45E-48	48	57	9-5/16	16-15/16	41-5/8	5/16	21-3/8	59	7-1/2	9-1/2	5/8	111
	C6-45E-54	54	63	9-3/4	18-15/16	46-7/16	3/8	23-3/16	65-1/2	9	11	5/8	130
	C6-45E-60	60	69	9-3/4	20-15/16	51-1/4	3/8	24-5/8	71-1/2	9	11	5/8	141

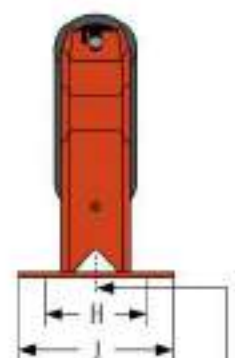
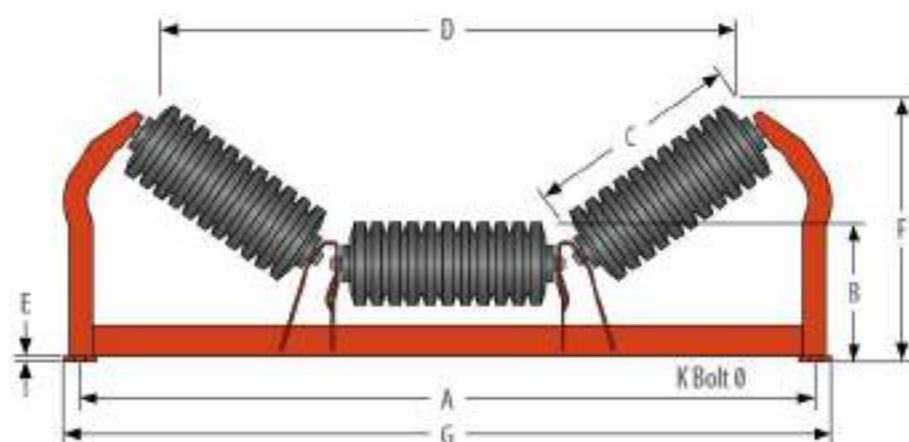
Add "TTM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

Add "MOX" to the end of the part number to replace steel cans with Moxie Rolls.

Recommended bolt pattern, see "Return & Flat Brackets Styles" section for minimum and maximum dimensions.

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

CEMA C IDLERS



Center slot for single bolt mounting through 48" belt width

RUBBER CUSHION IMPACT TROUGHING IDLERS: 4" DIAMETER

	PART NUMBER	BW	A	B	C	D	E	F	G	H	J	K	WT (W)
20°	C4-20EI-18	18	27	7-13/16	7-1/8	20-15/16	3/16	30-1/8	28	6	8	1/2	36
	C4-20EI-24	24	33	7-15/16	9-1/8	26-11/16	5/16	40-15/16	35	6	9-1/2	5/8	44
	C4-20EI-30	30	39	7-15/16	11-1/8	32-1/2	5/16	41-5/16	41	6	9-1/2	5/8	54
	C4-20EI-36	36	45	7-15/16	13-1/8	38-9/16	5/16	42-5/16	47	6	9-1/2	5/8	69
	C4-20EI-42	42	51	8-5/16	15-1/8	44-1/16	5/16	43-3/8	53	7-1/2	9-1/2	5/8	86
	C4-20EI-48	48	57	8-5/16	17-1/8	49-11/16	5/16	44-1/16	59	7-1/2	9-1/2	5/8	94
	C4-20EI-54	54	63	8-3/4	19-1/8	55-5/8	3/8	45-3/16	65-1/2	9	11	5/8	114
	C4-20EI-60	60	69	8-3/4	21-1/8	61-3/8	1/8	46-7/8	71-1/2	9	11	5/8	123
35°	C4-35EI-18	18	27	7-13/16	7-1/8	18-15/16	3/16	11-11/16	28	6	8	1/2	37
	C4-35EI-24	24	33	7-15/16	9-1/8	24-3/16	5/16	13	35	6	9-1/2	5/8	46
	C4-35EI-30	30	39	7-15/16	11-1/8	29-1/2	5/16	14-3/16	41	6	9-1/2	5/8	56
	C4-35EI-36	36	45	7-15/16	13-1/8	34-11/16	5/16	15-9/16	47	6	9-1/2	5/8	71
	C4-35EI-42	42	51	8-5/16	15-1/8	40-1/8	5/16	16-13/16	53	7-1/2	9-1/2	5/8	89
	C4-35EI-48	48	57	8-5/16	17-1/8	45-3/8	5/16	18	59	7-1/2	9-1/2	5/8	98
	C4-35EI-54	54	63	8-3/4	19-1/8	50-11/16	3/8	19-9/16	65-1/2	9	11	5/8	118
	C4-35EI-60	60	69	8-3/4	21-1/8	55-15/16	1/8	20-11/16	71-1/2	9	11	5/8	127
45°	C4-45EI-18	18	27	7-13/16	7-1/8	17-3/4	3/16	12-11/16	28	6	8	1/2	39
	C4-45EI-24	24	33	7-15/16	9-1/8	22-9/16	5/16	14-1/4	35	6	9-1/2	5/8	47
	C4-45EI-30	30	39	7-15/16	11-1/8	27-2/16	5/16	15-11/16	41	6	9-1/2	5/8	58
	C4-45EI-36	36	45	7-13/16	13-1/8	32-1/8	5/16	16-9/16	47	6	9-1/2	5/8	74
	C4-45EI-42	42	51	8-5/16	15-1/8	37-11/16	5/16	18-5/16	53	7-1/2	9-1/2	5/8	91
	C4-45EI-48	48	57	8-5/16	17-1/8	42-1/2	5/16	20-3/4	59	7-1/2	9-1/2	5/8	100
	C4-45EI-54	54	63	8-3/4	19-1/8	47-5/16	3/8	21-3/8	65-1/2	9	11	5/8	120
	C4-45EI-60	60	69	8-3/4	21-1/8	52-3/16	1/8	21	71-1/2	9	11	5/8	130

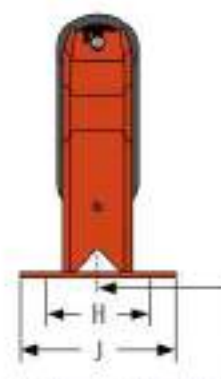
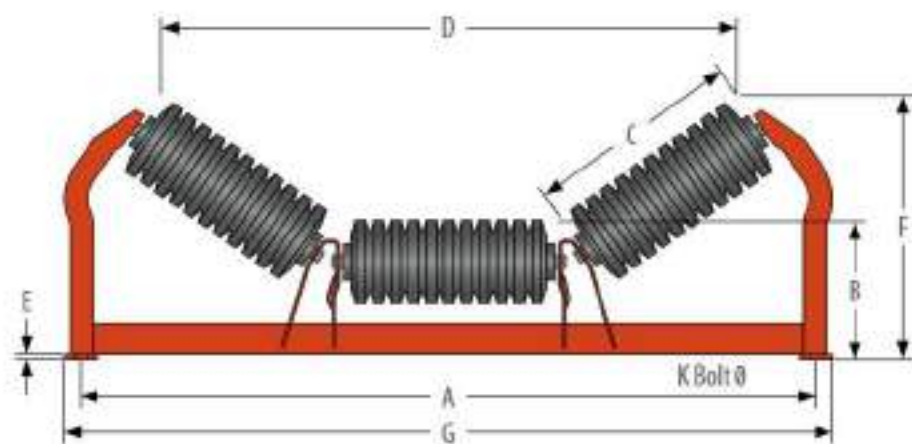
Add "TTM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

For Bolt On End Stands add "BOE" example: C5-35EI-36BOE. / Belt Width (Reinforcing on 36" BW - 60" BW Impact Frame).

Recommended belt pattern, see "Return & Flat Brackets Styles" section for minimum and maximum dimensions.

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

CEMA C IDLERS



Center slot for single bolt mounting through 48" belt width

RUBBER CUSHION IMPACT TROUGHING IDLERS: 5" DIAMETER

	PART NUMBER	BW	A	B	C	D	E	F	G	H	J	K	WT (#)
20°	CS-28E-18	18	27	8-5/16	7-1/16	20-7/8	3/16	10-5/8	29	6	8	1/2	40
	CS-28E-24	24	33	8-7/16	8-11/16	26-5/8	5/16	11-7/16	35	6	9-1/2	5/8	50
	CS-28E-30	30	39	8-7/16	11-1/16	32-5/16	5/16	12-3/16	41	6	9-1/2	5/8	61
	CS-28E-36	36	45	8-7/16	13-1/16	38-1/16	5/16	12-7/8	47	6	9-1/2	5/8	77
	CS-28E-42	42	51	8-13/16	15-1/16	43-13/16	5/16	13-15/16	53	7-1/2	9-1/2	5/8	95
	CS-28E-48	48	57	8-13/16	17-1/16	49-9/16	5/16	14-5/8	59	7-1/2	9-1/2	5/8	105
	CS-28E-54	54	63	9-1/4	19-1/16	56-3/16	3/8	15-3/4	65-1/2	9	11	5/8	124
	CS-28E-60	60	69	9-1/4	21-1/16	61-15/16	3/8	16-7/16	71-1/2	9	11	5/8	136
35°	CS-35E-18	18	27	8-5/16	7-1/16	18-9/16	3/16	12-3/16	29	6	8	1/2	42
	CS-35E-24	24	33	8-7/16	8-11/16	23-13/16	5/16	13-7/16	35	6	9-1/2	5/8	52
	CS-35E-30	30	39	8-7/16	11-1/16	29-1/16	5/16	14-5/8	41	6	9-1/2	5/8	63
	CS-35E-36	36	45	8-7/16	13-1/16	34-3/8	5/16	15-3/4	47	6	9-1/2	5/8	79
	CS-35E-42	42	51	8-13/16	15-1/16	39-5/8	5/16	17-5/16	53	7-1/2	9-1/2	5/8	100
	CS-35E-48	48	57	8-13/16	17-1/16	44-7/8	5/16	18-7/16	59	7-1/2	9-1/2	5/8	110
	CS-35E-54	54	63	9-1/4	19-1/16	50-13/16	3/8	20-1/8	65-1/2	9	11	5/8	128
	CS-35E-60	60	69	9-1/4	21-1/16	56-3/8	3/8	21-1/4	71-1/2	9	11	5/8	140
45°	CS-45E-18	18	27	8-5/16	7-1/16	17-1/4	3/16	13-1/8	29	6	8	1/2	43
	CS-45E-24	24	33	8-7/16	8-11/16	22-1/16	5/16	14-11/16	35	6	9-1/2	5/8	53
	CS-45E-30	30	39	8-7/16	11-1/16	26-7/8	5/16	16-1/8	41	6	9-1/2	5/8	65
	CS-45E-36	36	45	8-7/16	13-1/16	31-11/16	5/16	17-1/2	47	6	9-1/2	5/8	81
	CS-45E-42	42	51	8-13/16	15-1/16	36-1/2	5/16	19-5/16	53	7-1/2	9-1/2	5/8	102
	CS-45E-48	48	57	8-13/16	17-1/16	41-5/16	5/16	20-3/4	59	7-1/2	9-1/2	5/8	112
	CS-45E-54	54	63	9-1/4	19-1/16	46-3/4	3/8	22-11/16	65-1/2	9	11	5/8	128
	CS-45E-60	60	69	9-1/4	21-1/16	51-9/16	3/8	24-1/16	71-1/2	9	11	5/8	143

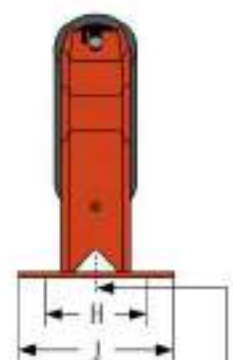
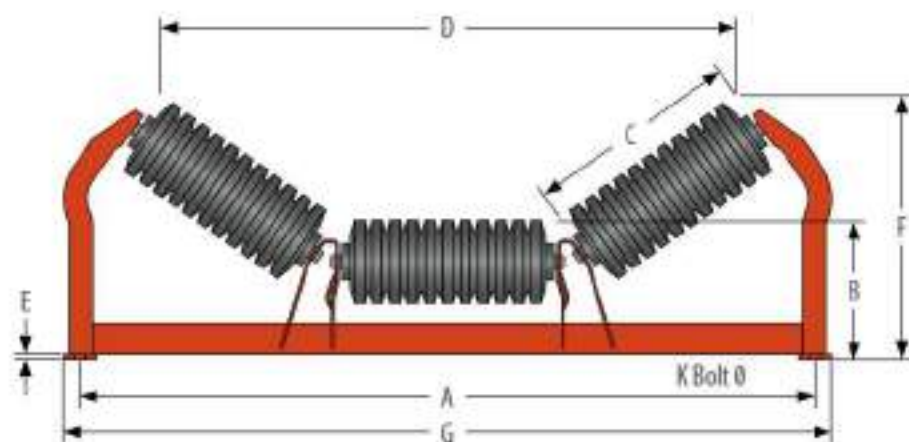
Add "TTM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

For Bolt On End Stands add "BOE" example: CS-35E-36BOE. / Belt Width (Reinforcing on 36" BW - 60" BW Impact Frame).

Recommended bolt pattern, see "Tie Rod & Flat Brackets Styles" section for minimum and maximum dimensions.

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

CEMA C IDLERS



Center slot for single bolt mounting through 48" belt width

RUBBER CUSHION IMPACT TROUGHING IDLERS: 6" DIAMETER

	PART NUMBER	BW	A	B	C	D	E	F	G	H	J	K	WT (W)
20°	C6-20EI-18	18	27	8-15/16	7-1/16	29-7/8	3/16	19-5/8	28	6	8	1/2	46
	C6-20EI-24	24	33	8-15/16	9-11/16	29-5/8	5/16	11-7/16	35	6	9-1/2	5/8	57
	C6-20EI-30	30	39	8-15/16	11-1/16	32-5/16	5/16	12-3/16	41	6	9-1/2	5/8	71
	C6-20EI-36	36	45	8-15/16	13-1/16	38-1/16	5/16	17-7/8	47	6	9-1/2	5/8	88
	C6-20EI-42	42	51	9-5/16	15-1/16	43-11/16	5/16	13-15/16	53	7-1/2	9-1/2	5/8	108
	C6-20EI-48	48	57	9-5/16	17-1/16	49-9/16	5/16	14-5/8	59	7-1/2	9-1/2	5/8	119
	C6-20EI-54	54	63	9-3/4	19	56-3/16	3/8	15-3/4	65-1/2	9	11	5/8	141
	C6-20EI-60	60	69	9-3/4	21	61-13/16	1/8	16-7/16	71-1/2	9	11	5/8	155
35°	C6-35EI-18	18	27	8-15/16	7-1/16	18-9/16	1/4	12-3/16	28	6	8	1/2	48
	C6-35EI-24	24	33	8-15/16	9-1/16	23-11/16	5/16	13-7/16	35	6	9-1/2	5/8	59
	C6-35EI-30	30	39	8-15/16	11-1/16	29-3/16	5/16	14-5/8	41	6	9-1/2	5/8	73
	C6-35EI-36	36	45	8-15/16	13-1/16	34-1/8	5/16	15-3/4	47	6	9-1/2	5/8	90
	C6-35EI-42	42	51	9-5/16	15-1/16	39-5/8	5/16	17-5/16	53	7-1/2	9-1/2	5/8	112
	C6-35EI-48	48	57	9-5/16	17-1/16	44-7/8	5/16	18-7/16	59	7-1/2	9-1/2	5/8	124
	C6-35EI-54	54	63	9-3/4	19	50-11/16	3/8	20-1/8	65-1/2	9	11	5/8	142
	C6-35EI-60	60	69	9-3/4	21	56-1/8	1/8	21-1/4	71-1/2	9	11	5/8	144
45°	C6-45EI-18	18	27	8-15/16	7	17-1/4	3/16	13-1/8	28	6	8	1/2	49
	C6-45EI-24	24	33	8-15/16	9	22-9/16	5/16	14-11/16	35	6	9-1/2	5/8	61
	C6-45EI-30	30	39	8-15/16	11	26-7/8	5/16	16-1/8	41	6	9-1/2	5/8	74
	C6-45EI-36	36	45	8-15/16	13	31-11/16	5/16	17-1/2	47	6	9-1/2	5/8	92
	C6-45EI-42	42	51	9-5/16	15	36-1/2	5/16	19-5/16	53	7-1/2	9-1/2	5/8	127
	C6-45EI-48	48	57	9-5/16	17	41-5/16	5/16	20-3/4	59	7-1/2	9-1/2	5/8	127
	C6-45EI-54	54	63	9-3/4	19	46-3/4	3/8	22-11/16	65-1/2	9	11	5/8	147
	C6-45EI-60	60	69	9-3/4	21	51-9/16	1/8	24-1/16	71-1/2	9	11	5/8	162

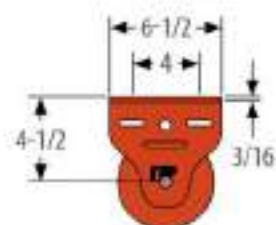
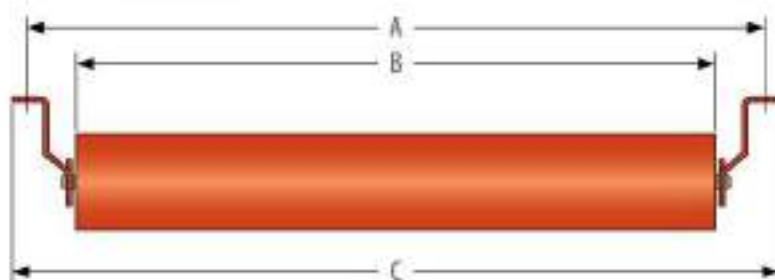
Add "TTM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

For Bolt On End Stands add "BOE" example: C5-35EI-36BOE. / Belt Width (Reinforcing on 36" BW - 60" BW Impact Frame).

Recommended bolt pattern, see "Return & Flat Brackets Styles" section for minimum and maximum dimensions.

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

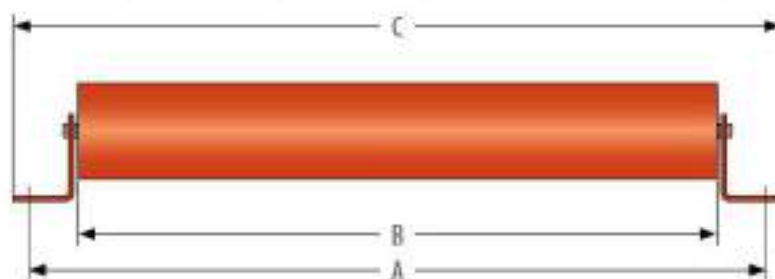
CEMA C IDLERS



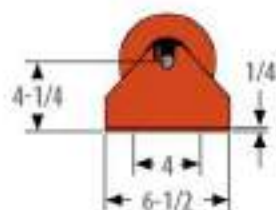
SLOTTED FOR 1/2" Ø BOLT

RETURN IDLERS: 4", 5" AND 6" DIAMETER

PART NUMBER			BW	A	B	C	WT (#)		
4"	5"	6"					4"	5"	6"
CA-RET-16	CS-RET-16	CG-RET-16	16	25	19-3/4	26-3/16	16	21	27
CA-RET-18	CS-RET-18	CG-RET-18	18	27	21-1/4	28-7/16	17	23	30
CA-RET-20	CS-RET-20	CG-RET-20	20	29	23-1/4	30-3/16	18	24	31
CA-RET-24	CS-RET-24	CG-RET-24	24	33	27-1/8	34-7/16	21	27	37
CA-RET-30	CS-RET-30	CG-RET-30	30	39	33-1/4	40-3/16	24	32	43
CA-RET-36	CS-RET-36	CG-RET-36	36	45	39-1/4	46-7/16	27	37	50
CA-RET-42	CS-RET-42	CG-RET-42	42	51	45-1/4	52-7/16	31	41	57
CA-RET-48	CS-RET-48	CG-RET-48	48	57	51-1/4	58-7/16	32	46	63
CA-RET-54 ✓	CS-RET-54 ✓	CG-RET-54 ✓	54	63	57-1/4	64-3/16	42	54	74
CA-RET-60 ✓	CS-RET-60 ✓	CG-RET-60 ✓	60	69	63-1/4	70-3/16	45	60	81



SLOTTED FOR 1/2" Ø BOLT

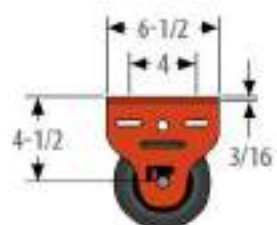
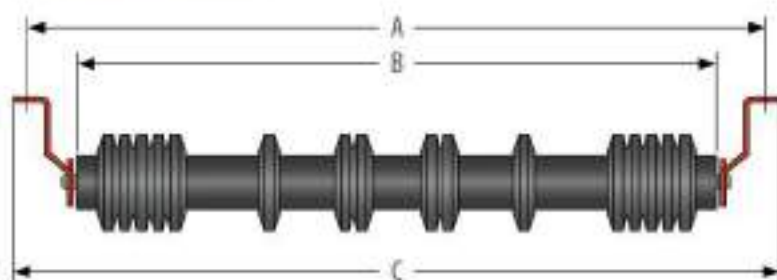


FLAT IDLERS: 4", 5", AND 6" DIAMETER

PART NUMBER			BW	A	B	C	WT (#)		
4"	5"	6"					4"	5"	6"
CA-RET-16	CS-RET-16	CG-RET-16	16	25	19-1/8	26-15/16	19	23	—
CA-RET-18	CS-RET-18	CG-RET-18	18	27	21-1/8	28-15/16	20	25	32
CA-RET-20	CS-RET-20	CG-RET-20	20	29	23-1/8	30-15/16	21	27	34
CA-RET-24	CS-RET-24	CG-RET-24	24	33	27-1/8	34-15/16	23	30	39
CA-RET-30	CS-RET-30	CG-RET-30	30	39	33-1/8	40-15/16	26	34	46
CA-RET-36	CS-RET-36	CG-RET-36	36	45	39-1/8	46-15/16	30	39	52
CA-RET-42	CS-RET-42	CG-RET-42	42	51	45-1/8	52-15/16	33	44	59
CA-RET-48	CS-RET-48	CG-RET-48	48	57	51-1/8	58-15/16	36	48	66
CA-RET-54 ✓	CS-RET-54 ✓	CG-RET-54 ✓	54	63	57-1/8	64-15/16	44	57	76
CA-RET-60 ✓	CS-RET-60 ✓	CG-RET-60 ✓	60	69	63-1/8	70-15/16	48	63	84

Add "TIM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.
Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.
✓ Meets CEMA D specs. Add "MOX" to the end of the part number to replace steel cans with Moxie Rods.

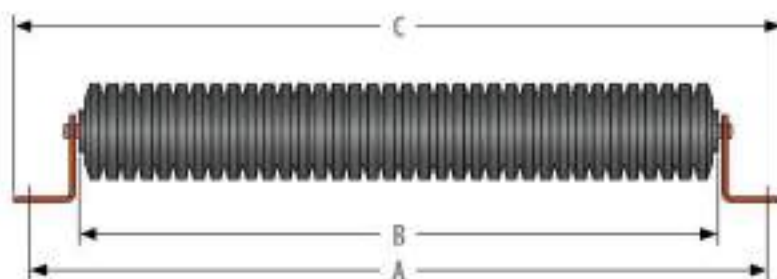
CEMA C IDLERS



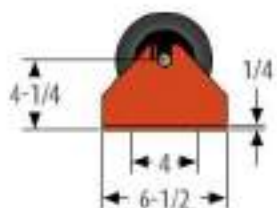
SLOTTED FOR 1/2" Ø BOLT

RUBBER CUSHION RETURN IDLERS: 4", 5", AND 6" DIAMETER

PART NUMBER			BW	A	B	C	WT (#)		
4"	5"	6"					4"	5"	6"
C4-RET1-18	C5-RET1-18	C6-RET1-18	18	27	21-5/16	28-7/16	20	23	26
C4-RET1-20	C5-RET1-20	C6-RET1-20	20	29	23-5/16	30-7/16	22	25	29
C4-RET1-24	C5-RET1-24	C6-RET1-24	24	31	27-5/16	34-7/16	25	28	33
C4-RET1-30	C5-RET1-30	C6-RET1-30	30	39	35-5/16	40-7/16	29	32	37
C4-RET1-36	C5-RET1-36	C6-RET1-36	36	45	39-5/16	46-7/16	34	37	43
C4-RET1-42	C5-RET1-42	C6-RET1-42	42	51	45-5/16	52-7/16	38	42	47
C4-RET1-48	C5-RET1-48	C6-RET1-48	48	57	51-5/16	58-7/16	42	46	51
C4-RET1-54 ✓	C5-RET1-54 ✓	C6-RET1-54 ✓	54	63	57-5/16	64-7/16	50	54	60
C4-RET1-60 ✓	C5-RET1-60 ✓	C6-RET1-60 ✓	60	69	63-5/16	70-7/16	55	60	66



SLOTTED FOR 1/2" Ø BOLT



RUBBER CUSHION FLAT IDLERS: 4", 5", AND 6" DIAMETER

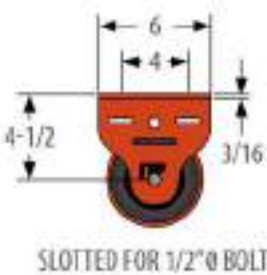
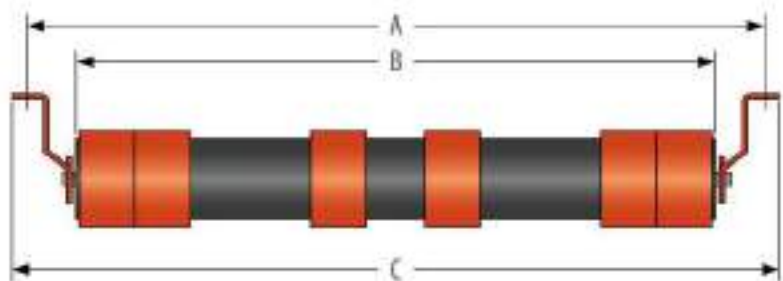
PART NUMBER			BW	A	B	C	WT (#)		
4"	5"	6"					4"	5"	6"
C4-FLT1-18	C5-FLT1-18	C6-FLT1-18	18	27	21-5/16	28-7/16	25	30	36
C4-FLT1-20	C5-FLT1-20	C6-FLT1-20	20	29	23-5/16	30-7/16	26	31	38
C4-FLT1-24	C5-FLT1-24	C6-FLT1-24	24	31	27-5/16	34-7/16	30	36	44
C4-FLT1-30	C5-FLT1-30	C6-FLT1-30	30	39	35-5/16	40-7/16	35	43	53
C4-FLT1-36	C5-FLT1-36	C6-FLT1-36	36	45	39-5/16	46-7/16	40	49	62
C4-FLT1-42	C5-FLT1-42	C6-FLT1-42	42	51	45-5/16	52-7/16	45	56	70
C4-FLT1-48	C5-FLT1-48	C6-FLT1-48	48	57	51-5/16	58-7/16	51	63	79
C4-FLT1-54 ✓	C5-FLT1-54 ✓	C6-FLT1-54 ✓	54	63	57-5/16	64-7/16	60	73	91
C4-FLT1-60 ✓	C5-FLT1-60 ✓	C6-FLT1-60 ✓	60	69	63-5/16	70-7/16	65	80	100

Add "TIM", "DIR", "WEI", "LOW" to the end of the part number to add application specific seals.

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

✓ Meets CEMA D specs. Add "MOX" to the end of the part number to replace steel cams with Moxie Rolls.

CEMA C IDLERS



URATHON® RETURN ROLLS: 5" AND 6" DIAMETER

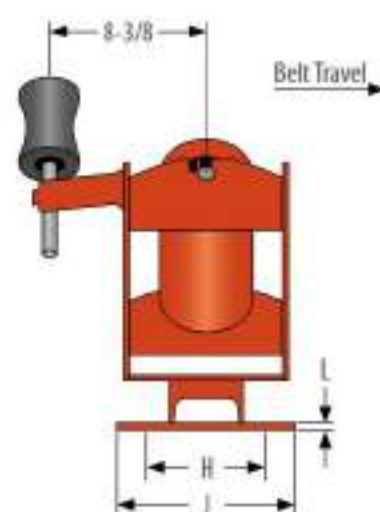
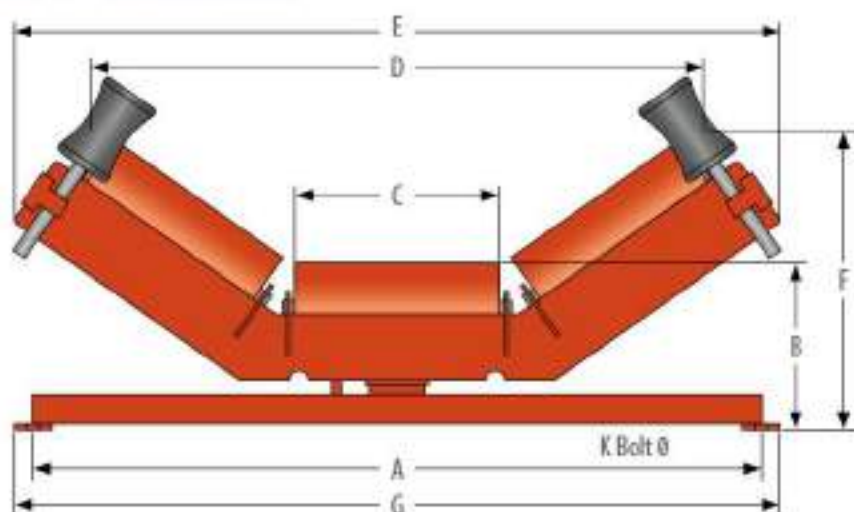
PART NUMBERS		BW	A	B	C	WT (#)	
5"	6"					5"	6"
C5-RETU-18	C6-RETU-18	18	27	23-1/4	28-7/16	22	18
C5-RETU-24	C6-RETU-24	24	33	27-1/4	34-7/16	25	33
C5-RETU-30	C6-RETU-30	30	39	33-1/4	40-7/16	30	39
C5-RETU-36	C6-RETU-36	36	45	39-1/4	46-7/16	34	45
C5-RETU-42	C6-RETU-42	42	51	45-1/4	52-7/16	38	50
C5-RETU-48	C6-RETU-48	48	57	51-1/4	58-7/16	42	56
C5-RETU-54	C6-RETU-54	54	63	57-1/4	64-7/16	50	66
C5-RETU-60	C6-RETU-60	60	69	63-1/4	70-7/16	55	72

Add "TTM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

Spiral Urathon is only available in 5" diameter. To order Spiral Urathon version add "SP" after "RETU" in the part number.

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

CEMA C IDLERS



SELF-ALIGNING TROUGHING IDLERS: 4" DIAMETER

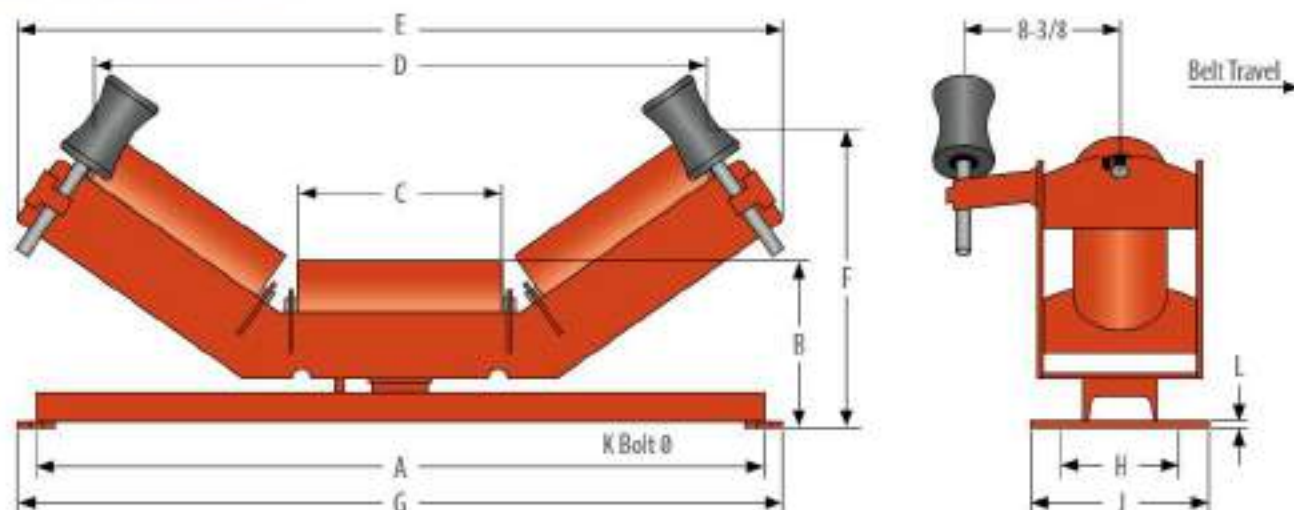
	PART NUMBER	BW	A	B	C	D	E	F	G	H	J	K	L	WT(#)
20°	C4-20EA-18	18	27	8-3/8	7	23-3/16	31	11-1/16	29	6	8	1/2	3/16	80
	C4-20EA-24	24	33	8-1/2	9	28-15/16	36-3/4	11-7/8	35	6	9-1/2	1/2	5/16	93
	C4-20EA-30	30	39	8-1/2	11	34-13/16	42-9/16	12-9/16	41	6	9-1/2	1/2	5/16	108
	C4-20EA-36	36	45	8-1/2	13	40-7/16	48-5/16	13-3/4	47	6	9-1/2	1/2	5/16	109
	C4-20EA-42	42	51	9	15	46	54-3/16	14-7/16	53	7-1/2	9-1/2	5/8	5/16	123
	C4-20EA-48	48	57	9	17	51-3/4	60	15-3/8	59	7-1/2	9-1/2	5/8	5/16	133
	C4-20EA-54	54	63	9-1/16	19	57-1/2	65-3/4	15-7/8	65-1/2	9	11	5/8	3/8	145
35°	C4-35EA-18	18	27	8-3/8	7	20-1/4	30-3/8	12-3/4	29	6	8	1/2	3/16	81
	C4-35EA-24	24	33	8-1/2	9	25-9/16	35-11/16	14	35	6	9-1/2	1/2	5/16	93
	C4-35EA-30	30	39	8-1/2	11	30-13/16	40-15/16	15-1/8	41	6	9-1/2	1/2	5/16	101
	C4-35EA-36	36	45	8-1/2	13	36-1/16	46-1/4	16-5/16	47	6	9-1/2	1/2	5/16	116
	C4-35EA-42	42	51	9	15	41-1/16	51-3/16	17-13/16	53	7-1/2	9-1/2	5/8	5/16	123
	C4-35EA-48	48	57	9	17	46-5/16	56-1/2	18-1/8	59	7-1/2	9-1/2	5/8	5/16	133
	C4-35EA-54	54	63	9-1/16	19	51-5/8	61-3/4	20-5/16	65-1/2	9	11	5/8	3/8	145
45°	C4-45EA-18	18	27	8-3/8	7	19-7/16	30-11/16	13-5/8	29	6	8	1/2	3/16	82
	C4-45EA-24	24	33	8-1/2	9	24-1/4	35-1/2	15-1/8	35	6	9-1/2	1/2	5/16	93
	C4-45EA-30	30	39	8-1/2	11	29-1/16	40-5/16	16-9/16	41	6	9-1/2	1/2	5/16	102
	C4-45EA-36	36	45	8-1/2	13	33-7/8	45-3/16	18	47	6	9-1/2	1/2	5/16	111
	C4-45EA-42	42	51	9	15	38-5/16	50-5/16	20-1/4	53	7-1/2	9-1/2	5/8	5/16	137
	C4-45EA-48	48	57	9	17	43-1/8	55-1/8	21-5/16	59	7-1/2	9-1/2	5/8	5/16	133
	C4-45EA-54	54	63	9-1/16	19	47-15/16	59-15/16	22-13/16	65-1/2	9	11	5/8	3/8	147
	C4-45EA-60	60	69	9-1/16	21	52-13/16	64-3/4	24-3/16	71-1/2	9	11	5/8	3/8	157

Add "TIM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

Also available in bi-directional shoe-activating. Designated by "BA".

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

CEMA C IDLERS



SELF-ALIGNING TROUGHING IDLERS: 5" DIAMETER

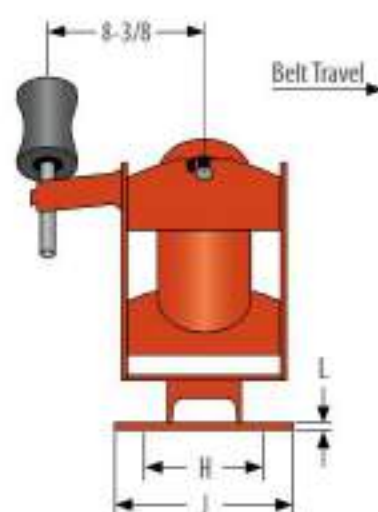
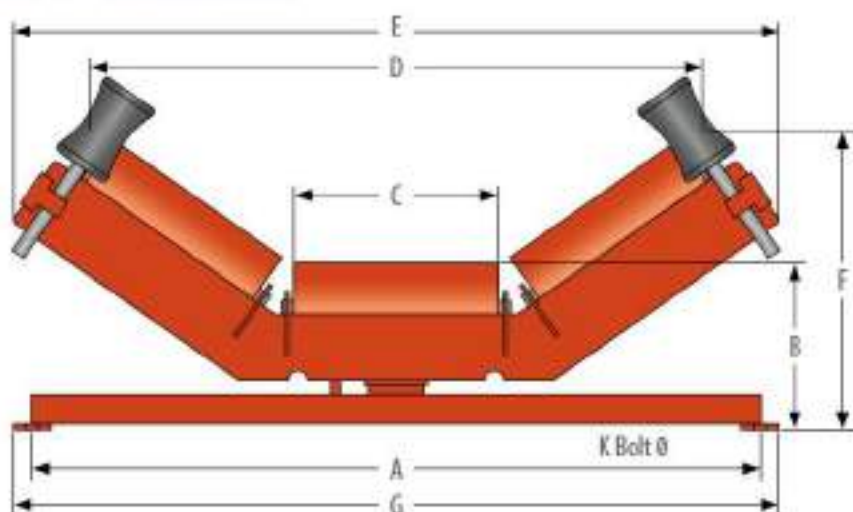
	PART NUMBER	BW	A	B	C	D	E	F	G	H	J	K	L	WT(#)
20°	CS-28EA-18	18	27	6-7/8	7-1/16	22-7/8	31	11-9/16	29	6	8	1/2	3/16	86
	CS-28EA-24	24	33	9	9-1/16	28-5/8	36-3/4	12-3/8	35	6	9-1/2	1/2	5/16	98
	CS-28EA-30	30	39	9	11-1/16	34-3/8	42-9/16	13-1/4	41	6	9-1/2	1/2	5/16	109
	CS-28EA-36	36	45	9	13-1/16	40-1/8	48-5/16	13-3/4	47	6	9-1/2	1/2	5/16	120
	CS-28EA-42	42	51	9-1/2	15-1/16	45-3/4	54-3/16	14-15/16	53	7-1/2	9-1/2	5/8	5/16	134
	CS-28EA-48	48	57	9-1/2	17-1/16	51-1/2	60	15-5/8	59	7-1/2	9-1/2	5/8	5/16	146
	CS-28EA-54	54	63	9-9/16	19-1/16	57-1/4	65-3/4	16-3/8	65-1/2	9	11	5/8	3/8	160
	CS-28EA-60	60	69	9-9/16	21-1/16	63	71-1/2	17-1/4	71-1/2	9	11	5/8	3/8	171
35°	CS-35EA-18	18	27	6-7/8	7-1/16	19-3/4	30-3/8	13-1/8	29	6	8	1/2	3/16	87
	CS-35EA-24	24	33	9	9-1/16	25	35-11/16	14-7/16	35	6	9-1/2	1/2	5/16	98
	CS-35EA-30	30	39	9	11-1/16	30-5/16	40-15/16	15-8/16	41	6	9-1/2	1/2	5/16	109
	CS-35EA-36	36	45	9	13-1/16	35-9/16	46-1/4	16-11/16	47	6	9-1/2	1/2	5/16	120
	CS-35EA-42	42	51	9-1/2	15-1/16	40-1/2	51-3/16	18-3/8	53	7-1/2	9-1/2	5/8	5/16	135
	CS-35EA-48	48	57	9-1/2	17-1/16	45-13/16	56-1/2	19-1/2	59	7-1/2	9-1/2	5/8	5/16	146
	CS-35EA-54	54	63	9-9/16	19-1/16	51-1/16	61-3/4	20-11/16	65-1/2	9	11	5/8	3/8	160
	CS-35EA-60	60	69	9-9/16	21-1/16	56-3/8	67	21-7/8	71-1/2	9	11	5/8	3/8	171
45°	CS-45EA-18	18	27	6-7/8	7-1/16	18-3/4	30-11/16	14	29	6	8	1/2	3/16	88
	CS-45EA-24	24	33	9	9-1/16	23-9/16	35-1/2	15-1/2	35	6	9-1/2	1/2	5/16	100
	CS-45EA-30	30	39	9	11-1/16	28-7/16	40-5/16	16-15/16	41	6	9-1/2	1/2	5/16	111
	CS-45EA-36	36	45	9	13-1/16	33-1/4	45-1/4	18-3/16	47	6	9-1/2	1/2	5/16	122
	CS-45EA-42	42	51	9-1/2	15-1/16	37-5/8	50-5/16	20-1/4	53	7-1/2	9-1/2	5/8	5/16	137
	CS-45EA-48	48	57	9-1/2	17-1/16	42-1/2	55-1/8	21-11/16	59	7-1/2	9-1/2	5/8	5/16	148
	CS-45EA-54	54	63	9-9/16	19-1/16	47-5/16	59-15/16	23-3/16	65-1/2	9	11	5/8	3/8	162
	CS-45EA-60	60	69	9-9/16	21-1/16	52-1/8	64-3/4	24-9/16	71-1/2	9	11	5/8	3/8	171

Add "TTM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

Also available in bi-directional shoe-actuating. Designated by "BA".

Individual bracket weights are listed on "Return & Flat Brackets Style" section. Brackets sold separately.

CEMA C IDLERS



SELF-ALIGNING TROUGHING IDLERS: 6" DIAMETER

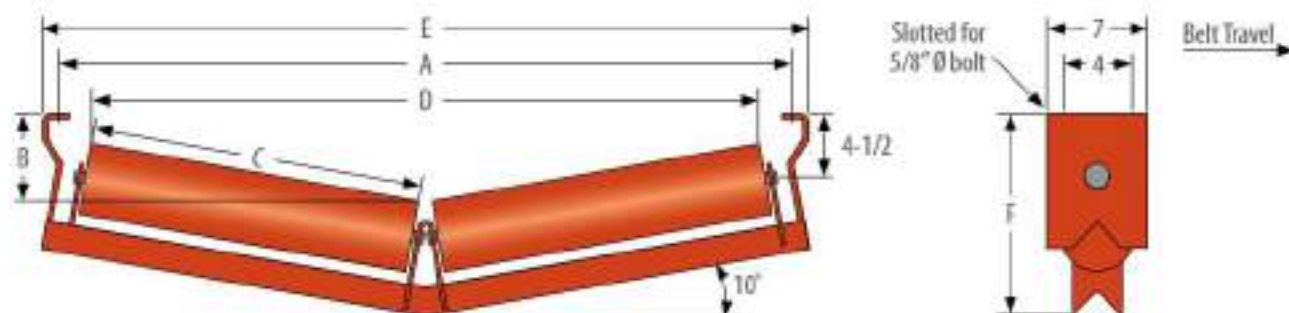
	PART NUMBER	BW	A	B	C	D	E	F	G	H	J	K	L	WT(#)
20°	C6-20EA-18	18	27	9-3/8	7	22-9/16	31	12	29	6	8	1/2	3/16	94
	C6-20EA-24	24	33	9-1/2	9	28-5/16	36-3/4	12-13/16	35	6	9-1/2	1/2	5/16	106
	C6-20EA-30	30	39	9-1/2	11	34-1/16	42-9/16	13-1/2	41	6	9-1/2	1/2	5/16	121
	C6-20EA-36	36	45	9-1/2	13	39-13/16	48-5/16	14-3/16	47	6	9-1/2	1/2	5/16	134
	C6-20EA-42	42	51	10	15	45-3/8	54-3/16	15-3/8	53	7-1/2	9-1/2	5/8	5/16	158
	C6-20EA-48	48	57	10	17	51-5/8	60	16-1/16	59	7-1/2	9-1/2	5/8	5/16	163
	C6-20EA-54	54	63	10-1/16	19	56-15/16	65-3/4	16-13/16	65-1/2	9	11	5/8	3/8	179
	C6-20EA-60	60	69	10-1/16	21	62-11/16	71-1/2	17-1/2	71-1/2	9	11	5/8	3/8	191
35°	C6-35EA-18	18	27	9-3/8	7	19-3/16	30-3/8	13-9/16	29	6	8	1/2	3/16	94
	C6-35EA-24	24	33	9-1/2	9	24-1/2	35-11/16	14-13/16	35	6	9-1/2	1/2	5/16	106
	C6-35EA-30	30	39	9-1/2	11	29-3/4	40-15/16	15-15/16	41	6	9-1/2	1/2	5/16	122
	C6-35EA-36	36	45	9-1/2	13	35-1/16	46-1/4	17-1/8	47	6	9-1/2	1/2	5/16	134
	C6-35EA-42	42	51	10	15	40	51-3/16	18-3/4	53	7-1/2	9-1/2	5/8	5/16	151
	C6-35EA-48	48	57	10	17	45-1/4	56-1/2	19-7/8	59	7-1/2	9-1/2	5/8	5/16	164
	C6-35EA-54	54	63	10-1/16	19	50-9/16	61-3/4	21-1/8	65-1/2	9	11	5/8	3/8	188
	C6-35EA-60	60	69	10-1/16	21	55-13/16	67	22-1/4	71-1/2	9	11	5/8	3/8	193
45°	C6-45EA-18	18	27	9-3/8	7	18-1/8	30-11/16	14-5/16	29	6	8	1/2	3/16	95
	C6-45EA-24	24	33	9-1/2	9	22-15/16	35-1/2	15-13/16	35	6	9-1/2	1/2	5/16	118
	C6-45EA-30	30	39	9-1/2	11	27-3/4	40-5/16	17-1/4	41	6	9-1/2	1/2	5/16	123
	C6-45EA-36	36	45	9-1/2	13	32-9/16	45-1/4	18-5/8	47	6	9-1/2	1/2	5/16	136
	C6-45EA-42	42	51	10	15	37	50-5/16	20-9/16	53	7-1/2	9-1/2	5/8	5/16	152
	C6-45EA-48	48	57	10	17	43-13/16	55-1/8	22	59	7-1/2	9-1/2	5/8	5/16	166
	C6-45EA-54	54	63	10-1/16	19	46-11/16	59-15/16	23-7/16	65-1/2	9	11	5/8	3/8	181
	C6-45EA-60	60	69	10-1/16	21	51-1/2	64-3/4	24-7/8	71-1/2	9	11	5/8	3/8	193

Add "TIM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

Also available in bi-directional shoe-activating. Designated by "BA".

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

CEMA C IDLERS



For wider base use next size larger belt width. Also available in 15°.

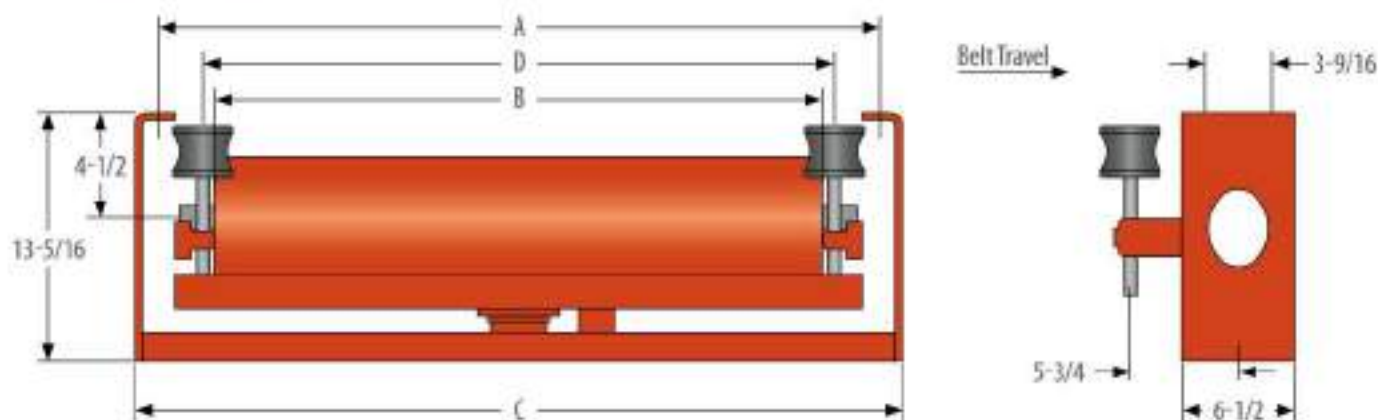
V-RETURN IDLERS: 4", 5", AND 6" DIAMETER

PART NUMBER			BW	A	B			C	D			E	F	WT (#)		
4"	5"	6"			4"	5"	6"		4"	5"	6"			4"	5"	6"
CS-10RETV-24	CS-10RETV-24	CS-10RETV-24	24	31	4-15/16	4-7/16	3-15/16	14-1/8	28-7/8	28-13/16	28-5/8	15-1/8	12-3/8	47	49	58
CS-10RETV-30	CS-10RETV-30	CS-10RETV-30	30	39	5-1/2	5	4-1/2	17	34-3/16	34-1/16	33-1/8	41-1/8	12-7/8	46	55	67
CS-10RETV-36	CS-10RETV-36	CS-10RETV-36	36	45	6	5-1/2	5	20-3/8	49-15/16	49-7/8	49-11/16	47-1/8	13-3/8	52	62	74
CS-10RETV-42	CS-10RETV-42	CS-10RETV-42	42	51	6-1/2	6-1/16	5-9/16	23-1/8	46-5/8	46-1/2	46-1/8	53-1/8	14	56	68	82
CS-10RETV-48	CS-10RETV-48	CS-10RETV-48	48	57	7-1/16	6-9/16	6-1/16	26-1/2	52-7/8	52-3/4	52-9/16	59-1/8	14-1/2	61	74	92
CS-10RETV-54	CS-10RETV-54	CS-10RETV-54	54	63	7-5/16	7-1/8	6-5/8	29-3/4	58-3/16	58-1/8	57-15/16	65-1/8	15-3/8	82	96	114
CS-10RETV-60	CS-10RETV-60	CS-10RETV-60	60	69	8-1/8	7-5/8	7-1/8	32-1/2	64-11/16	64-9/16	64-3/8	71-1/8	15-7/8	89	105	127

Add "TIM", "DRY", "WET", "LDW" to the end of the part number to add application specific seals.

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

CEMA C IDLERS



SELF-ALIGNING RETURN IDLER: 4", 5" AND 6" DIAMETER

PART NUMBER			BW	A	B	C	D	WT (#)		
4"	5"	6"						4"	5"	6"
C4-RETA-18	C5-RETA-18	C6-RETA-18	18	27	21-3/4	29-1/2	25-5/8	61	69	76
C4-RETA-24	C5-RETA-24	C6-RETA-24	24	33	27-3/4	35-1/2	31-5/8	71	78	87
C4-RETA-30	C5-RETA-30	C6-RETA-30	30	39	33-1/4	41-1/2	37-11/16	82	90	101
C4-RETA-36	C5-RETA-36	C6-RETA-36	36	45	39-1/4	47-1/2	43-5/8	90	99	111
C4-RETA-42	C5-RETA-42	C6-RETA-42	42	51	45-3/4	53-1/2	49-5/8	106	117	132
C4-RETA-48	C5-RETA-48	C6-RETA-48	48	57	51-3/4	59-1/2	55-5/8	116	128	141
C4-RETA-54 ✓	C5-RETA-54 ✓	C6-RETA-54 ✓	54	63	57-3/4	65-1/2	61-5/8	129	141	162
C4-RETA-60 ✓	C5-RETA-60 ✓	C6-RETA-60 ✓	60	69	63-1/4	71-1/2	67-5/8	139	153	175

Add "TTM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

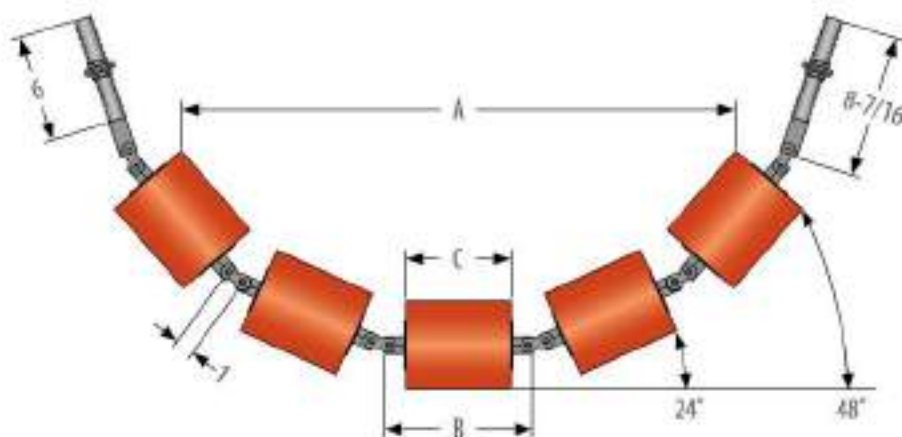
Also available in bi-directional shoe-activated option. Designated by "RETBA". ✓ Meets CEMA D specifications.

Self-aligning return idlers are also available in lagged roller. Designated by "RETAI".

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

Bigfoot bolting pattern and lagged roller option available.

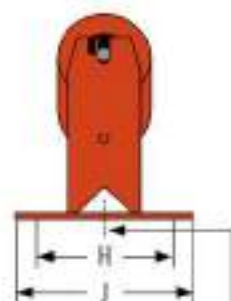
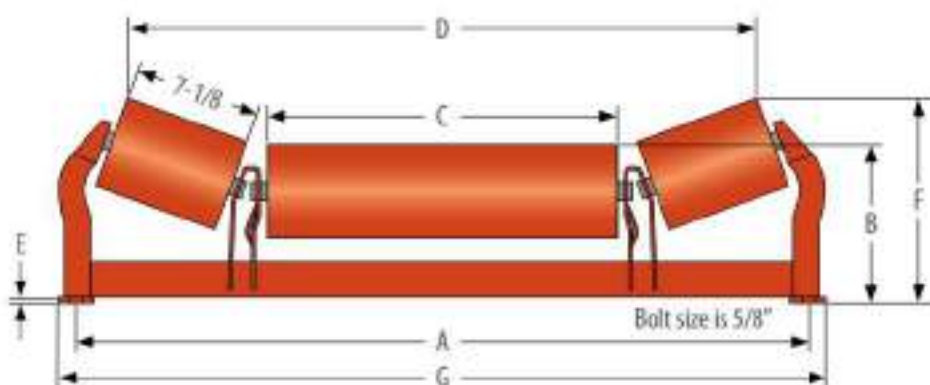
CEMA C IDLERS



GARLAND IDLERS: 4", 5" AND 6" DIAMETER

	PART NUMBER	BW	# OF ROLLS	A	B	C	WT (#)
4" Diameter	43-3400-16	16	3	21-5/16	8-1/16	6-1/16	15
	43-3400-18	18	3	21-5/16	8-1/16	6-1/16	17
	43-3400-24	24	3	25-7/8	9-11/16	7-11/16	28
	43-3400-30	30	5	32-5/8	8-3/16	6-1/16	28
	43-3400-36	36	5	36-13/16	9-1/16	7	31
	43-3400-42	42	5	45-3/8	11-1/16	9	36
	43-3400-48	48	5	53-7/16	13-1/16	11	42
	43-3400-54	54	5	61-13/16	15-1/16	13	47
	43-3400-60	60	5	70-3/8	17-1/16	15	51
	43-3500-16	16	5	26-15/16	8-3/16	6-1/16	22
5" Diameter	43-3500-18	18	5	26-15/16	8-3/16	6-1/16	22
	43-3500-24	24	5	25-1/2	9-11/16	7-11/16	26
	43-3500-30	30	5	32-3/16	8-3/16	6-1/16	33
	43-3500-36	36	5	36-3/8	9-3/16	7	41
	43-3500-42	42	5	44-11/16	11-1/16	9	48
	43-3500-48	48	5	53	13-1/16	11	56
	43-3500-54	54	5	61-3/8	15-1/16	13	64
	43-3500-60	60	5	68-11/16	17-1/16	15	72
	43-3600-16	16	3	20-9/16	8-1/16	6-1/16	22
	43-3600-18	18	3	20-9/16	8-1/16	6-1/16	22
6" Diameter	43-3600-24	24	3	25-3/16	9-11/16	7-11/16	26
	43-3600-30	30	5	31-9/16	8-3/16	6-1/16	37
	43-3600-36	36	5	35-11/16	9-1/16	7	41
	43-3600-42	42	5	44	11-1/16	9	48
	43-3600-48	48	5	52-3/8	13-1/16	11	56
	43-3600-54	54	5	60-11/16	15-1/16	13	64
	43-3600-60	60	5	69	17-1/16	15	72

CEMA C IDLERS



Center slot for single bolt mounting through 48" belt width

FEEDER / PICKING TROUGHING IDLERS: 4", 5", AND 6" DIAMETER

	PART NUMBER	BW	A	B	C	D	E	F	G	H	J	WT (#)
4" Diameter	C4-20F-24	24	13	7-15/16	13	28-1/8	5/16	16-3/8	35	6	9-1/2	39
	C4-20F-30	30	19	7-15/16	19	34-1/8	5/16	18-7/16	41	6	9-1/2	47
	C4-20F-36	36	45	7-15/16	25	48	5/16	18-7/16	47	6	9-1/2	52
	C4-20F-42	42	31	8-5/16	30-3/4	46-5/16	5/16	18-7/16	53	7-1/2	9-1/2	66
	C4-20F-48	48	37	8-5/16	36-3/4	52-1/4	5/16	18-7/16	53-3/4	7-1/2	9-1/2	72
	C4-20F-54	54	63	8-3/4	42-7/16	57-15/16	1/8	11-3/16	65-1/2	9	11	87
5" Diameter	C5-20F-24	24	13	8-7/16	13-1/16	27-13/16	5/16	10-7/8	35	6	9-1/2	47
	C5-20F-30	30	19	8-7/16	19-1/16	33-7/8	5/16	10-7/8	41	6	9-1/2	56
	C5-20F-36	36	45	8-7/16	25-1/16	39-7/8	5/16	10-7/8	47	6	9-1/2	63
	C5-20F-42	42	31	8-13/16	30-13/16	46	5/16	10-15/16	53	7-1/2	9-1/2	77
	C5-20F-48	48	37	8-13/16	36-13/16	52	5/16	11-3/16	59	7-1/2	9-1/2	85
	C5-20F-54	54	63	9-1/4	42-1/2	57-5/8	1/8	11-11/16	65-1/2	9	11	101
6" Diameter	C6-20F-24	24	13	8-15/16	13	27-1/2	5/16	11-3/8	35	6	9-1/2	56
	C6-20F-30	30	19	8-15/16	19	33-1/2	5/16	11-3/8	41	6	9-1/2	67
	C6-20F-36	36	45	8-15/16	25	39-1/2	5/16	11-3/8	47	6	9-1/2	76
	C6-20F-42	42	31	9-5/16	30-11/16	45-3/4	5/16	11-7/16	53	7-1/2	9-1/2	91
	C6-20F-48	48	37	9-5/16	36-11/16	51-3/4	5/16	11-3/8	59	7-1/2	9-1/2	101
	C6-20F-54	54	63	9-3/4	42-9/16	57-5/16	1/8	12-1/4	65-1/2	9	11	118
	C6-20F-60	60	69	9-3/4	48-9/16	63-5/16	1/8	12-1/4	71-1/2	9	11	128

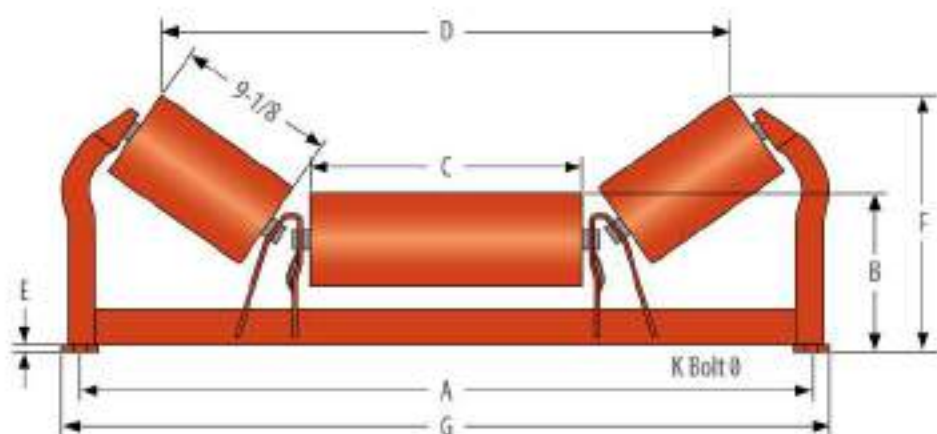
Add "TTM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

Belt Width (Reinforcing on 36" BW - 60" BW Impact frame only, use "PI" for part number).

Recommended bolt pattern, see "Return & Flat Brackets Styles" section for minimum and maximum dimensions.

Use "PCI" for part number when requiring Impact Rolls only in the center.

CEMA C IDLERS



Center slot for single bolt mounting through 48" belt width

TROUGHING IDLERS (UNEQUAL LENGTH ROLLS): 4" DIAMETER

	PART NUMBER	BW	A	B	C	D	E	F	G	H	J	K	WT (#)
20"	C4-200-30	30	39	7-15/16	15	33-7/8	5/16	11-3/8	41	6	9-1/2	5/8	47
	C4-200-36	36	45	7-15/16	21	36-7/8	5/16	11-3/8	47	8	9-1/2	5/8	53
	C4-200-42	42	51	8-5/16	26-1/2	46	5/16	11-3/8	53	7-1/2	9-1/2	5/8	66
	C4-200-48	48	57	8-5/16	32-7/16	52	5/16	11-3/8	59	7-1/2	9-1/2	5/8	72
	C4-200-54	54	63	8-3/4	38	58-1/16	3/8	11-3/8	65-1/2	9	11	5/8	81
	C4-200-60	60	69	8-3/4	44	64-1/10	5/8	11-3/4	71-1/2	9	11	5/8	94
35"	C4-200-30	30	39	7-15/16	15-1/16	31-1/4	5/16	13-1/4	43	6	9-1/2	5/8	49
	C4-200-36	36	45	7-15/16	21	37-1/4	5/16	13-1/4	47	6	9-1/2	5/8	55
	C4-200-42	42	51	8-5/16	26-1/8	41-5/8	5/16	14-11/16	53	7-1/2	9-1/2	5/8	69
	C4-200-48	48	57	8-5/16	32-7/16	49-3/8	3/16	13-5/10	59	7-1/2	9-1/2	5/8	74
	C4-200-54	54	63	8-3/4	38	55-3/8	3/8	13-7/16	65-1/2	9	11	5/8	89
	C4-200-60	60	69	8-3/4	44	61-3/8	3/8	13-7/16	71-1/2	9	11	5/8	96
45"	C4-200-30	30	39	7-15/16	15	29-9/16	5/16	14-5/8	41	6	9-1/2	5/8	51
	C4-200-36	36	45	7-15/16	21	35-9/16	5/16	14-5/8	47	6	9-1/2	5/8	56
	C4-200-42	42	51	8-5/16	26-1/4	41-5/8	5/16	14-11/16	53	7-1/2	9-1/2	5/8	70
	C4-200-48	48	57	8-5/16	32-1/4	47-5/8	5/16	14-11/16	59	7-1/2	9-1/2	5/8	76
	C4-200-54	54	63	8-3/4	37-9/16	53-5/8	3/8	14-13/16	65-1/2	9	11	5/8	90
	C4-200-60	60	69	8-3/4	43-9/16	59-5/8	3/8	14-13/16	71-1/2	9	11	5/8	97

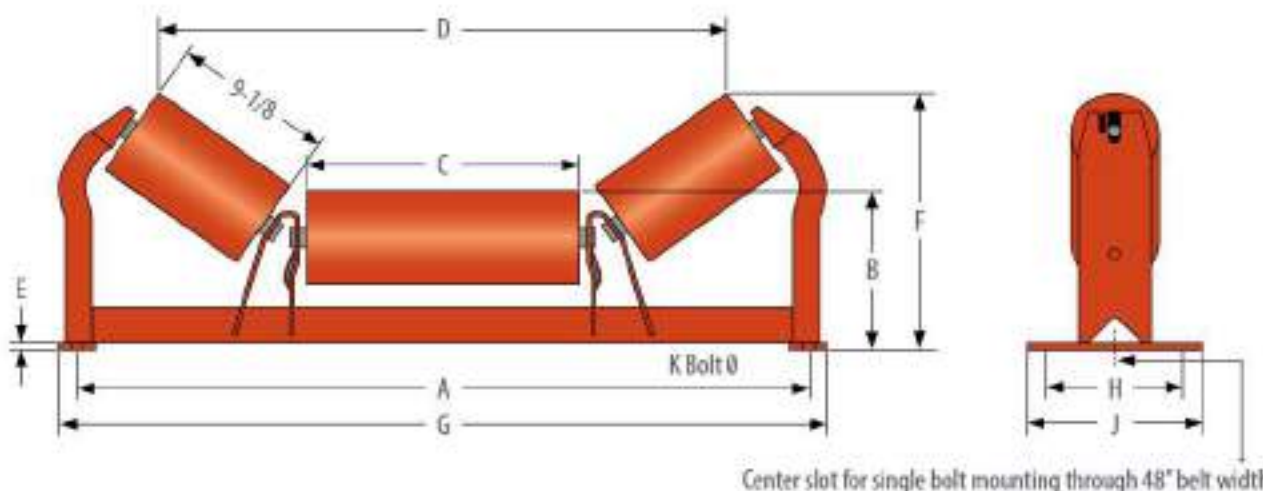
Add "ITM", "DRY", "WET", "LOW" to the end of the part number to add application specific seats.

Belt Width (Reinforcing on 36" BW - 60" BW Impact Frame only).

Recommended bolt pattern, see "Return & Flat Brackets Styles" section for minimum and maximum dimensions.

Also available in rubber cushioned roller. Designated by "UR".

CEMA C IDLERS



TROUGHING IDLERS (UNEQUAL LENGTH ROLLS): 5" DIAMETER

PART NUMBER	BW	A	B	C	D	E	F	G	H	J	K	WT (#)
CS-200-30	30	39	8-7/16	15-1/16	33-5/8	5/16	11-9/16	41	6	9-1/2	5/8	57
CS-200-36	36	45	8-7/16	11-1/16	39-5/8	5/16	11-9/16	47	6	9-1/2	5/8	63
CS-200-42	42	51	8-13/16	26-9/16	45-3/4	5/16	11-5/8	53	7-1/2	9-1/2	5/8	78
CS-200-48	48	57	8-13/16	32-9/16	51-3/4	5/16	11-5/8	59	7-1/2	9-1/2	5/8	85
CS-200-54	54	63	9-1/4	38-1/16	57-7/8	3/8	11-3/4	65-1/2	9	11	5/8	101
CS-200-60	60	69	9-1/4	44-1/16	63-7/8	3/8	11-3/4	71-1/2	9	11	5/8	108
CS-350-30	30	39	8-7/16	15-1/16	30-3/4	5/16	13-11/16	41	6	9-1/2	5/8	58
CS-350-36	36	45	8-7/16	11-1/16	36-3/4	5/16	13-11/16	47	6	9-1/2	5/8	65
CS-350-42	42	51	8-13/16	26-9/16	42-7/8	5/16	13-3/4	53	7-1/2	9-1/2	5/8	80
CS-350-48	48	57	8-13/16	32-9/16	48-7/8	5/16	13-3/4	59	7-1/2	9-1/2	5/8	87
CS-350-54	54	63	9-1/4	38-1/16	54-15/16	3/8	13-15/16	65-1/2	9	11	5/8	103
CS-350-60	60	69	9-1/4	44-1/16	60-15/16	3/8	13-15/16	71-1/2	9	11	5/8	111
CS-450-30	30	39	8-7/16	15-1/16	28-7/8	5/16	15	41	6	9-1/2	5/8	60
CS-450-36	36	45	8-7/16	11-1/16	34-7/8	5/16	15	47	6	9-1/2	5/8	66
CS-450-42	42	51	8-13/16	26-5/16	41	5/16	15-1/8	53	7-1/2	9-1/2	5/8	81
CS-450-48	48	57	8-13/16	32-5/16	47	5/16	15-1/8	59	7-1/2	9-1/2	5/8	89
CS-450-54	54	63	9-1/4	37-5/8	53-1/16	3/8	15-1/4	65-1/2	9	11	5/8	104
CS-450-60	60	69	9-1/4	43-5/8	59-1/16	3/8	15-1/4	71-1/2	9	11	5/8	112

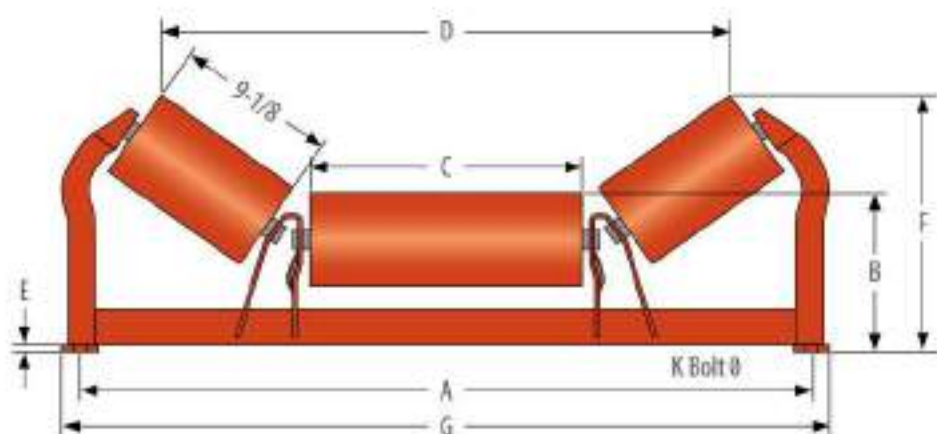
Add "TTM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

Belt Width (Reinforcing on 36" BW - 60" BW Impact Frame only)

Recommended bolt pattern, see "Return & Flat Brackets Styles" section for minimum and maximum dimensions.

Also available in rubber cushioned roller. Designated by "UI"

CEMA C IDLERS



Center slot for single bolt mounting through 48" belt width

TROUGHING IDLERS (UNEQUAL LENGTH ROLLS): 6" DIAMETER

	PART NUMBER	BW	A	B	C	D	E	F	G	H	J	K	WT (#)
20"	C6-20U-30	30	39	8-15/16	15	33-1/4	5/16	12-1/16	41	6	9-1/2	5/8	68
	C6-20U-36	36	45	8-15/16	21	39-1/4	5/16	12-1/16	47	6	9-1/2	5/8	77
	C6-20U-42	42	51	9-5/16	26-9/16	45-7/16	5/16	12-11/16	53	7-1/2	9-1/2	5/8	93
	C6-20U-48	48	57	9-5/16	32-9/16	51-7/16	5/16	12-1/8	59	7-1/2	9-1/2	5/8	102
	C6-20U-54	54	63	9-3/4	38-1/16	57-9/16	3/8	12-3/16	65-1/2	8	11	5/8	119
	C6-20U-60	60	69	9-3/4	44-1/16	63-9/16	3/8	12-3/16	71-1/2	9	11	5/8	129
35"	C6-35U-30	30	39	8-15/16	15	30-3/16	5/16	14-1/16	41	6	9-1/2	5/8	70
	C6-35U-36	36	45	8-15/16	21	36-3/16	5/16	14-1/16	47	6	9-1/2	5/8	79
	C6-35U-42	42	51	9-5/16	26-9/16	42-3/8	5/16	14-3/16	53	7-1/2	9-1/2	5/8	94
	C6-35U-48	48	57	9-5/16	32-9/16	48-3/8	5/16	14-3/16	59	7-1/2	9-1/2	5/8	104
	C6-35U-54	54	63	9-3/4	38-1/16	54-1/2	3/8	14-5/16	65-1/2	9	11	5/8	121
	C6-35U-60	60	69	9-3/4	44-1/16	60-1/2	3/8	14-5/16	71-1/2	9	11	5/8	131
45"	C6-45U-30	30	39	8-15/16	15	28-1/4	5/16	15-5/16	41	6	9-1/2	5/8	72
	C6-45U-36	36	45	8-15/16	21	34-1/4	5/16	15-5/16	47	6	9-1/2	5/8	80
	C6-45U-42	42	51	9-5/16	26-5/16	40-3/8	5/16	15-7/16	53	7-1/2	9-1/2	5/8	96
	C6-45U-48	48	57	9-5/16	32-5/16	46-3/8	5/16	15-7/16	59	7-1/2	9-1/2	5/8	105
	C6-45U-54	54	63	9-3/4	37-5/8	52-1/2	3/8	15-9/16	65-1/2	8	11	5/8	122
	C6-45U-60	60	69	9-3/4	43-5/8	58-1/2	3/8	15-9/16	71-1/2	9	11	5/8	132

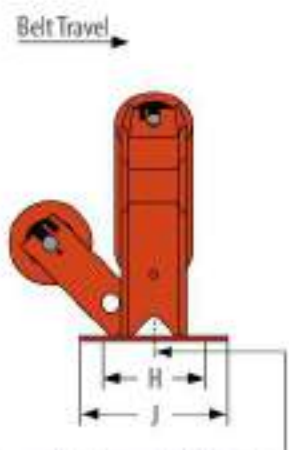
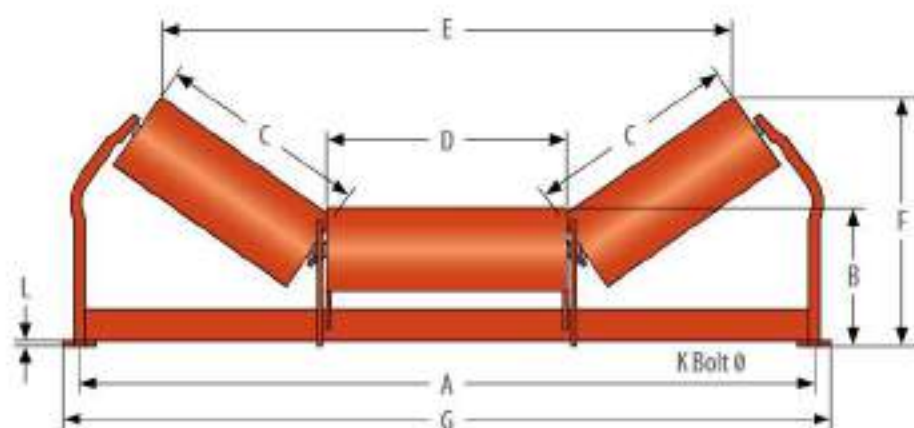
Add "TIM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

Belt Width (Reinforcing on 36" BW - 60" BW Impact Frame only).

Recommended bolt pattern, see "Return & Flat Brackets Styles" section for minimum and maximum dimensions.

Also available in rubber cushioned roller. Designated by "UR".

CEMA C IDLERS



Center slot for single bolt mounting through 48" belt width

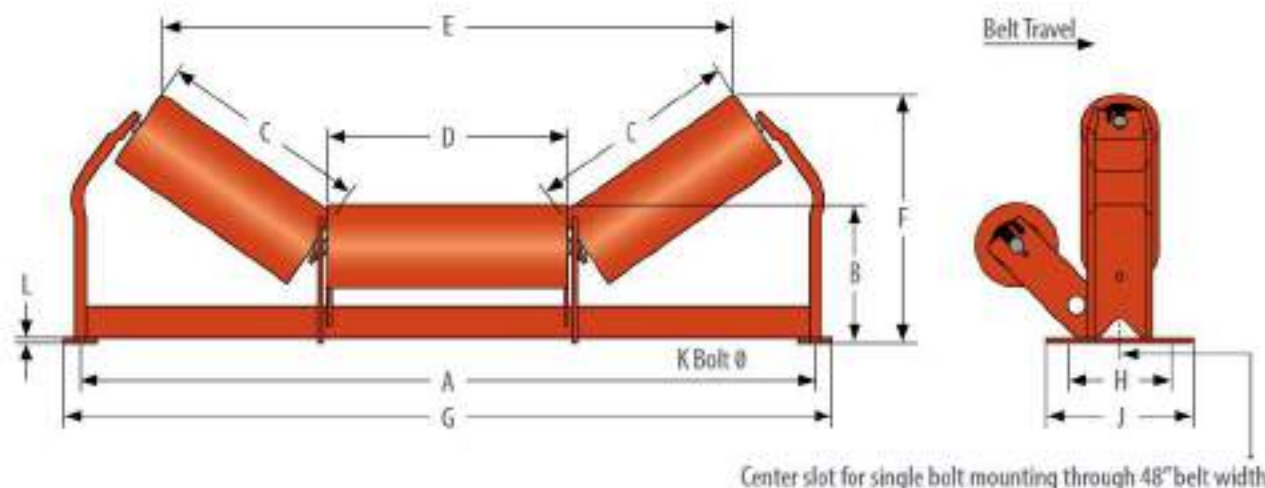
OFFSET CENTER ROLL IDLER: 4" DIAMETER

	PART NUMBER	BW	A	B	C	D	E	F	G	H	J	K	L	WT (#)
20"	C4-29G0-24	24	33	7-7/8	9	11	27-15/16	11-1/8	35	6	9-1/2	5/8	5/16	43
	C4-29G0-30	30	39	7-7/8	11	13	33-11/16	11-13/16	41	6	9-1/2	5/8	5/16	52
	C4-29G0-36	36	45	7-7/8	13	15	39-7/16	12-1/2	47	6	9-1/2	5/8	5/16	57
	C4-29G0-42	42	51	8-5/16	15	17	45-3/16	13-8/16	53	7-1/2	9-1/2	5/8	5/16	72
	C4-29G0-48	48	57	8-5/16	17	19	51	14-1/4	59	7-1/2	9-1/2	5/8	5/16	78
	C4-29G0-54	54	63	8-11/16	19	21	56-3/4	15-5/16	65-1/2	9	11	5/8	3/8	94
35"	C4-29G0-60	60	69	8-11/16	21	23-5/16	62-1/2	16	71-1/2	9	11	5/8	3/8	101
	C4-35G0-24	24	33	7-15/16	9	11	25-5/16	13-5/16	35	6	9-1/2	5/8	5/16	45
	C4-35G0-30	30	39	7-15/16	11	13	30-9/16	14-7/16	41	6	9-1/2	5/8	5/16	54
	C4-35G0-36	36	45	7-15/16	13	15	35-7/8	15-5/8	47	6	9-1/2	5/8	5/16	60
	C4-35G0-42	42	51	8	15	17	41-1/8	17-1/8	53	7-1/2	9-1/2	5/8	5/16	75
	C4-35G0-48	48	57	8	17	19	46-3/8	18-5/16	59	7-1/2	9-1/2	5/8	5/16	82
45"	C4-35G0-54	54	63	8-7/16	19	21	51-11/16	19-7/8	65-1/2	9	11	5/8	3/8	97
	C4-35G0-60	60	69	8-7/16	21	23-5/16	56-15/16	21	71-1/2	9	11	5/8	3/8	106
	C4-45G0-24	24	33	8-11/16	9	11	23-1/2	14-5/8	35	6	9-1/2	5/8	5/16	46
	C4-45G0-30	30	39	8-11/16	11	13	28-7/16	16-1/16	41	6	9-1/2	5/8	5/16	56
	C4-45G0-36	36	45	8-1/16	13	15	33-1/4	17-1/2	47	6	9-1/2	5/8	5/16	62
	C4-45G0-42	42	51	8-5/16	15	17	38-1/16	19-5/16	53	7-1/2	9-1/2	5/8	5/16	77
	C4-45G0-48	48	57	9-1/16	17	19	42-15/16	20-11/16	59	7-1/2	9-1/2	5/8	5/16	84
	C4-45G0-54	54	63	9-1/2	19	21	47-3/4	22-1/2	65-1/2	9	11	5/8	3/8	106
	C4-45G0-60	60	69	9-1/2	21	23-5/16	52-9/16	23-35/16	71-1/2	9	11	5/8	3/8	108

Add "TTM", "DRY", "WET", "LOW" to the end of the part number to add application specific seats.

Recommended bolt pattern, see "Return & Flat Brackets Styles" section for minimum and maximum dimensions.

CEMA C IDLERS



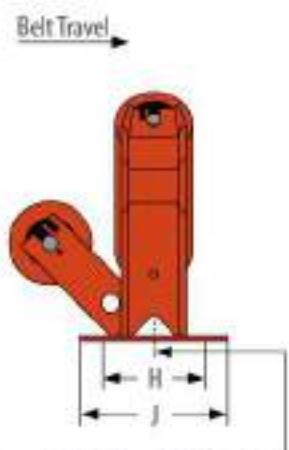
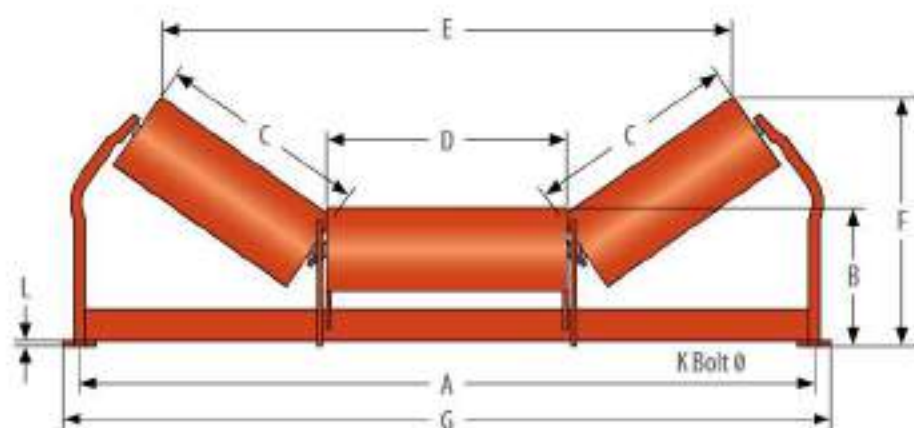
OFFSET CENTER ROLL IDLER: 5" DIAMETER

	PART NUMBER	BW	A	B	C	D	E	F	G	H	J	K	L	WT (#)
20"	CS-20GD-18	18	27	8-1/4	7-1/16	9-1/16	21-7/8	10-3/4	29	6	8	5/8	5/16	43
	CS-20GD-24	24	33	8-3/8	9-1/16	11-1/16	27-5/16	11-9/16	35	6	9-1/2	5/8	5/16	51
	CS-20GD-30	30	39	8-3/8	11-1/16	13-1/16	33-7/16	12-5/16	41	6	9-1/2	5/8	5/16	61
	CS-20GD-36	36	45	8-3/8	13-1/16	15-1/16	39-3/16	12-15/16	47	6	9-1/2	5/8	5/16	68
	CS-20GD-42	42	51	8-13/16	15-1/16	17-1/16	44-15/16	14-1/16	53	7-1/2	9-1/2	5/8	5/16	83
	CS-20GD-48	48	57	8-13/16	17-1/16	19-1/16	50-11/16	14-3/4	59	7-1/2	9-1/2	5/8	5/16	92
	CS-20GD-54	54	63	9-3/16	19-1/16	21-1/16	56-7/16	15-13/16	65-1/2	9	11	5/8	3/8	108
	CS-20GD-60	60	69	9-3/16	21-1/16	23-3/8	62-3/16	16-1/2	71-1/2	9	11	5/8	3/8	117
35"	CS-35GD-18	18	27	8-7/8	7-1/16	9-1/16	19-1/2	12-7/16	29	6	8	1/2	3/16	45
	CS-35GD-24	24	33	9	9-1/16	11-1/16	24-3/4	13-11/16	35	6	9-1/2	5/8	5/16	53
	CS-35GD-30	30	39	9	11-1/16	13-1/16	30-1/16	14-7/8	41	6	9-1/2	5/8	5/16	63
	CS-35GD-36	36	45	9-5/16	13-1/16	15-1/16	35-5/16	16	47	6	9-1/2	5/8	5/16	71
	CS-35GD-42	42	51	9-1/16	15-1/16	17-1/16	40-5/8	17-9/16	53	7-1/2	9-1/2	5/8	5/16	86
	CS-35GD-48	48	57	9-1/16	17-1/16	19-1/16	45-7/8	18-11/16	59	7-1/2	9-1/2	5/8	5/16	97
	CS-35GD-54	54	63	9-7/16	19-1/16	21-1/16	51-1/8	20-1/4	65-1/2	9	11	5/8	3/8	112
	CS-35GD-60	60	69	9-7/16	21-1/16	23-3/8	56-7/16	21-7/16	71-1/2	9	11	5/8	3/8	115
45"	CS-45GD-18	18	27	9-1/16	7-1/16	9-1/16	18-1/16	13-1/2	29	6	9-1/2	5/8	5/16	46
	CS-45GD-24	24	33	9-3/16	9-1/16	11-1/16	22-7/8	15	35	6	9-1/2	5/8	5/16	54
	CS-45GD-30	30	39	9-3/16	11-1/16	13-1/16	27-3/4	16-7/16	41	6	9-1/2	5/8	5/16	65
	CS-45GD-36	36	45	9-3/16	13-1/16	15-1/16	32-9/16	17-7/8	47	6	9-1/2	5/8	5/16	72
	CS-45GD-42	42	51	9-9/16	15-1/16	17-1/16	37-7/16	19-5/8	53	7-1/2	9-1/2	5/8	5/16	89
	CS-45GD-48	48	57	9-9/16	17-1/16	19-1/16	42-1/4	21-1/16	59	7-1/2	9-1/2	5/8	5/16	97
	CS-45GD-54	54	63	10	19-1/16	21-1/16	47-1/16	22-7/8	65-1/2	9	11	5/8	3/8	115
	CS-45GD-60	60	69	10	21-1/16	23-3/8	51-7/8	24-5/16	71-1/2	9	11	5/8	3/8	124

Add "TIM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

Recommended bolt pattern, see "Return & Flat Brackets Styles" section for minimum and maximum dimensions.

CEMA C IDLERS



Center slot for single bolt mounting through 48" belt width

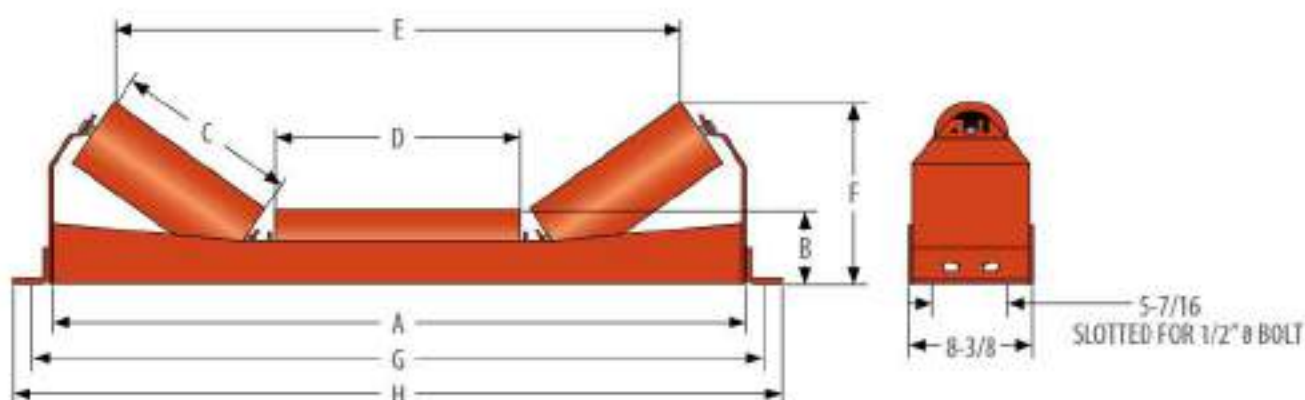
OFFSET CENTER ROLL IDLER: 6" DIAMETER

	PART NUMBER	BW	A	B	C	D	E	F	G	H	J	K	L	WT (#)
20"	G6-2900-18	18	27	8-3/4	7	9	21-9/16	11-3/4	29	6	8	5/8	5/16	52
	G6-2900-24	24	33	8-7/8	9	11	27-5/16	12-1/16	35	6	9-1/2	5/8	5/16	62
	G6-2900-30	30	39	8-7/8	11	13	33-1/16	12-3/4	41	6	9-1/2	5/8	5/16	73
	G6-2900-36	36	45	8-7/8	13	15	38-7/8	13-7/16	47	6	9-1/2	5/8	5/16	83
	G6-2900-42	42	51	9-5/16	15	17	44-5/8	14-1/2	53	7-1/2	9-1/2	5/8	5/16	108
	G6-2900-48	48	57	9-5/16	17	19	50-3/8	15-3/16	59	7-1/2	9-1/2	5/8	5/16	116
	G6-2900-54	54	63	9-11/16	19	21	56-3/8	16-5/16	65-1/2	9	11	5/8	3/8	129
	G6-2900-60	60	69	9-11/16	21	23-3/8	61-7/8	17	71-9/2	9	11	5/8	3/8	138
35"	G6-3500-18	18	27	8-13/16	7	9	18-15/16	12-13/16	29	6	8	1/2	3/16	53
	G6-3500-24	24	33	9-15/16	9	11	24-1/4	14-3/8	35	6	9-1/2	5/8	5/16	64
	G6-3500-30	30	39	9-15/16	11	13	29-3/2	15-1/4	41	6	9-1/2	5/8	5/16	76
	G6-3500-36	36	45	9-15/16	13	15	34-13/16	16-7/16	47	6	9-1/2	5/8	3/16	85
	G6-3500-42	42	51	9	15	17	40-1/16	17-15/16	53	7-1/2	9-1/2	5/8	5/16	101
	G6-3500-48	48	57	9	17	19	45-3/8	18-9/8	59	7-1/2	9-1/2	5/8	5/16	113
	G6-3500-54	54	63	9-7/16	19	21	50-5/8	20-11/16	65-1/2	9	11	5/8	3/8	132
	G6-3500-60	60	69	9-7/16	21	23-3/8	55-7/8	21-13/16	71-9/2	9	11	5/8	3/8	143
45"	G6-4500-18	18	27	9-9/16	7	9	17-7/16	13-3/4	29	6	9-1/2	5/8	5/16	54
	G6-4500-24	24	33	9-11/16	9	11	22-6/4	15-5/16	35	6	9-1/2	5/8	5/16	65
	G6-4500-30	30	39	9-11/16	11	13	27-1/8	16-3/4	41	6	9-1/2	5/8	5/16	77
	G6-4500-36	36	45	9-11/16	13	15	31-15/16	18-3/16	47	6	9-1/2	5/8	5/16	87
	G6-4500-42	42	51	10-1/16	15	17	36-3/4	19-15/16	53	7-1/2	9-1/2	5/8	5/16	105
	G6-4500-48	48	57	10-1/16	17	19	41-5/8	21-3/8	59	7-1/2	9-1/2	5/8	5/16	116
	G6-4500-54	54	63	10-1/2	19	21	46-7/16	23-3/16	65-1/2	9	11	5/8	3/8	135
	G6-4500-60	60	69	10-1/2	21	23-3/8	51-1/4	25-5/8	71-9/2	9	11	5/8	3/8	146

Add "TTM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

Recommended bolt pattern, see "Return & Flat Brackets Styles" section for minimum and maximum dimensions.

CEMA C IDLERS



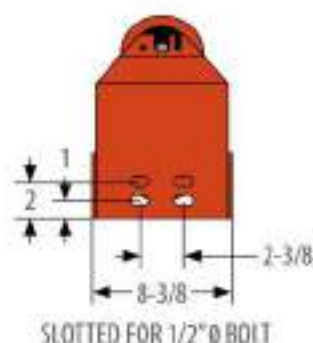
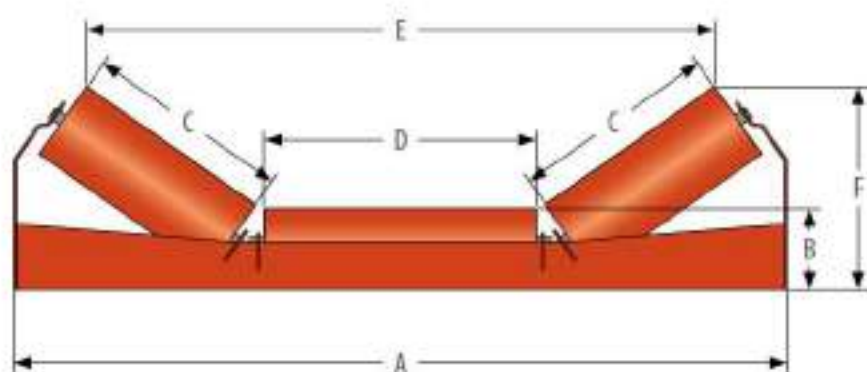
LOW PROFILE STANDARD MOUNT: 4" AND 5" DIAMETER

PART NUMBER		BW	A	B		C		D		E		F		G	H	WT (#)	
4"	5"			4"	5"	4"	5"	4"	5"	4"	5"	4"	5"			4"	5"
C4-20SM-18	CS-20SM-18	18	23-5/8	4-1/2	5	5-7/8	5-15/16	6-7/8	6-15/16	20-1/16	19-3/4	6-5/8	7-1/8	27	28-1/2	41	46
C4-20SM-20	CS-20SM-20	20	25-5/8	4-1/2	5	6-7/8	6-15/16	6-7/8	6-15/16	22	21-11/16	7	7-1/2	29	30-1/2	43	49
C4-20SM-24	CS-20SM-24	24	29-5/8	4-1/2	5	6-7/8	6-15/16	10-15/16	10-15/16	26	25-11/16	7	7-1/2	33	34-1/2	47	54
C4-20SM-30	CS-20SM-30	30	35-5/8	4-1/2	5	8-15/16	8-15/16	12-15/16	12-15/16	31-3/4	31-7/16	7-11/16	8-15/16	39	40-1/2	56	64
C4-20SM-36	CS-20SM-36	36	41-5/8	4-1/2	5	10-15/16	10-15/16	14-15/16	14-15/16	37-9/16	37-1/4	8-3/8	8-13/16	45	46-1/2	68	78
C4-20SM-42	CS-20SM-42	42	47-5/8	4-1/2	5	12-15/16	12-15/16	16-15/16	16-15/16	43-1/8	43	9-1/16	9-1/2	51	52-1/2	77	88
C4-20SM-48	CS-20SM-48	48	53-5/8	4-1/2	5	14-15/16	14-15/16	18-15/16	18-15/16	49	48-5/8	9-11/16	10-3/16	57	58-1/2	85	97
C4-20SM-54	CS-20SM-54	54	59-5/8	4-1/2	5	16-15/16	16-15/16	21-1/4	21-1/4	55-1/16	54-13/16	10-7/16	10-7/8	63	64-1/2	106	120
C4-20SM-60	CS-20SM-60	60	65-5/8	4-1/2	5	18-15/16	18-15/16	23-1/4	23-1/4	60-7/8	60-9/16	11-1/8	11-9/16	69	70-1/2	115	131
C4-35SM-18	CS-35SM-18	18	23-5/8	4-1/2	5	5-7/8	5-15/16	6-7/8	6-15/16	18-1/4	17-3/4	8-1/16	8-7/16	27	28-1/2	43	49
C4-35SM-20	CS-35SM-20	20	25-5/8	4-1/2	5	6-7/8	6-15/16	6-7/8	6-15/16	19-15/16	19-3/8	8-5/8	9	29	30-1/2	46	52
C4-35SM-24	CS-35SM-24	24	29-5/8	4-1/2	5	6-7/8	6-15/16	10-15/16	10-15/16	23-15/16	23-7/16	8-3/8	9	33	34-1/2	51	58
C4-35SM-30	CS-35SM-30	30	35-5/8	4-1/2	5	8-15/16	8-15/16	12-15/16	12-15/16	29-1/16	28-11/16	9-13/16	10-1/16	39	40-1/2	59	68
C4-35SM-36	CS-35SM-36	36	41-5/8	4-1/2	5	10-15/16	10-15/16	14-15/16	14-15/16	34-5/8	34-1/8	11	11-5/16	45	46-1/2	72	82
C4-35SM-42	CS-35SM-42	42	47-5/8	4-1/2	5	12-15/16	12-15/16	16-15/16	16-15/16	39-11/16	39-3/16	12-1/8	12-7/16	51	52-1/2	81	92
C4-35SM-48	CS-35SM-48	48	53-5/8	4-1/2	5	14-15/16	14-15/16	18-15/16	18-15/16	45	44-7/16	13-1/4	13-5/8	57	58-1/2	89	101
C4-35SM-54	CS-35SM-54	54	59-5/8	4-1/2	5	16-15/16	16-15/16	21-1/4	21-1/4	50-9/16	49-15/16	14-3/8	14-1/4	63	64-1/2	110	124
C4-35SM-60	CS-35SM-60	60	65-5/8	4-1/2	5	18-15/16	18-15/16	23-1/4	23-1/4	55-13/16	55-3/16	15-1/2	15-1/8	69	70-1/2	120	135

Add "TIM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

6-3/8" wide frame is available upon request.

CEMA C IDLERS



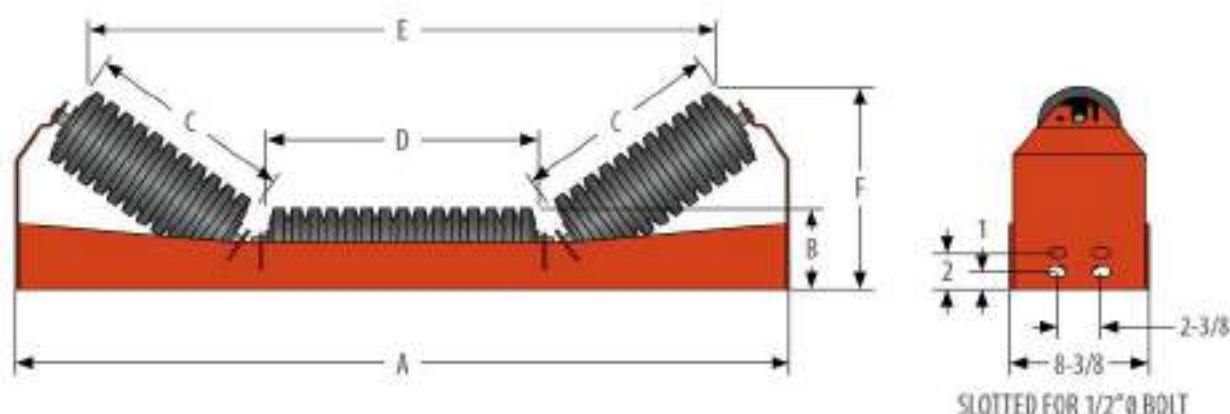
CHANNEL MOUNT: 4" AND 5" DIAMETER

PART NUMBER		BW	A	B		C		D		E		F		WT (#)	
4"	5"			4"	5"	4"	5"	4"	5"	4"	5"	4"	5"	4"	5"
C4-20CM-18	CS-20CM-18	18	23-5/8	4-1/2	5	5-7/8	5-15/16	6-7/8	6-15/16	19-13/16	19-1/2	6-5/8	7	36	42
C4-20CM-20	CS-20CM-20	20	25-5/8	4-1/2	5	6-7/8	6-15/16	6-7/8	6-15/16	21-3/4	21-7/16	7	7-3/8	39	45
C4-20CM-24	CS-20CM-24	24	29-5/8	4-1/2	5	6-7/8	6-15/16	10-15/16	10-15/16	25-3/4	25-7/16	7	7-5/16	43	59
C4-20CM-30	CS-20CM-30	30	35-5/8	4-1/2	5	8-15/16	8-15/16	12-15/16	12-15/16	31-1/2	31-3/16	7-11/16	8	51	68
C4-20CM-36	CS-20CM-36	36	41-5/8	4-1/2	5	10-15/16	10-15/16	14-15/16	14-15/16	37-5/16	37	8-3/8	8-11/16	63	73
C4-20CM-42	CS-20CM-42	42	47-5/8	4-1/2	5	12-15/16	12-15/16	16-15/16	16-15/16	43-1/8	42-3/4	9-1/16	9-3/8	73	84
C4-20CM-48	CS-20CM-48	48	53-5/8	4-1/2	5	14-15/16	14-15/16	18-15/16	18-15/16	49-3/4	48-3/8	9-11/16	10-1/16	81	93
C4-20CM-54	CS-20CM-54	54	59-5/8	4-1/2	5	16-15/16	16-15/16	20-15/16	21-3/4	54-15/16	54-9/16	10-7/16	10-3/4	101	115
C4-20CM-60	CS-20CM-60	60	65-5/8	4-1/2	5	18-15/16	18-15/16	22-15/16	23-1/8	60-5/8	60-5/16	11-1/8	11-7/16	111	126
C4-35CM-18	CS-35CM-18	18	23-5/8	4-1/2	5	5-7/8	5-15/16	6-7/8	6-15/16	17-15/16	17-3/8	8-1/16	8-3/8	39	44
C4-35CM-20	CS-35CM-20	20	25-5/8	4-1/2	5	6-7/8	6-15/16	6-7/8	6-15/16	21-3/4	19-15/16	8-5/8	8-11/16	42	49
C4-35CM-24	CS-35CM-24	24	29-5/8	4-1/2	5	6-7/8	6-15/16	10-15/16	10-15/16	23-13/16	25-1/8	8-5/8	8-15/16	46	53
C4-35CM-30	CS-35CM-30	30	35-5/8	4-1/2	5	8-15/16	8-15/16	12-15/16	12-15/16	28-15/16	28-3/8	9-13/16	10-1/16	55	63
C4-35CM-36	CS-35CM-36	36	41-5/8	4-1/2	5	10-15/16	10-15/16	14-15/16	14-15/16	34-5/16	33-3/4	11	11-1/4	67	77
C4-35CM-42	CS-35CM-42	42	47-5/8	4-1/2	5	12-15/16	12-15/16	16-15/16	16-15/16	39-7/16	39-7/8	12-1/8	12-3/8	76	87
C4-35CM-48	CS-35CM-48	48	53-5/8	4-1/2	5	14-15/16	14-15/16	18-15/16	18-15/16	44-11/16	44-1/8	13-1/4	13-1/2	84	97
C4-35CM-54	CS-35CM-54	54	59-5/8	4-1/2	5	16-15/16	16-15/16	21-1/4	21-1/8	50-1/4	49-11/16	14-3/8	14-5/8	96	120
C4-35CM-60	CS-35CM-60	60	65-5/8	4-1/2	5	18-15/16	18-15/16	23-15/16	23-1/4	55-1/2	54-15/16	15-1/2	15-13/16	115	131

Add "TTM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

6-3/8" wide frame is available upon request.

CEMA C IDLERS



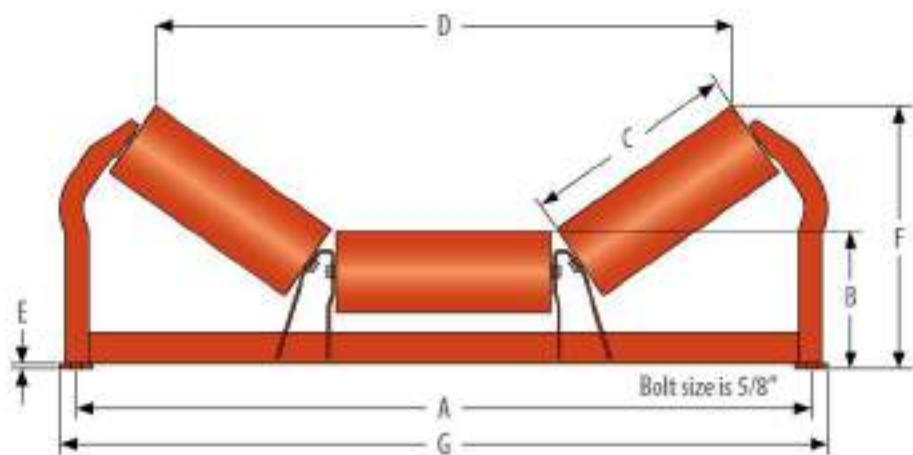
CHANNEL MOUNT IMPACT IDLERS: 4" AND 5" DIAMETER

PART NUMBER		BW	A	B		C	D	E		F		WT (#)	
4"	5"			4"	5"			4"	5"	4"	5"	4"	5"
C4-200M-18	C5-200M-18	18	23-5/8	4-1/2	5	6	7	18-11/16	18-3/8	6-7/16	6-15/16	38	42
C4-200M-20	C5-200M-20	20	25-5/8	4-1/2	5	7	7	20-11/16	20-1/4	6-13/16	7-1/4	41	45
C4-200M-24	C5-200M-24	24	29-5/8	4-1/2	5	7	11	24-11/16	24-3/8	6-13/16	7-5/16	46	51
C4-200M-30	C5-200M-30	30	35-5/8	4-1/2	5	8	13	30-7/16	30-1/8	7-1/2	7-15/16	56	63
C4-200M-36	C5-200M-36	36	41-5/8	4-1/2	5	11	15	36-1/4	35-7/8	9-3/16	8-5/8	70	78
C4-200M-42	C5-200M-42	42	47-5/8	4-1/2	5	13	17	42	41-5/8	8-7/8	9-5/16	81	90
C4-200M-48	C5-200M-48	48	53-5/8	4-1/2	5	15	19	47-3/4	47-3/8	9-9/16	10	91	103
C4-200M-54	C5-200M-54	54	59-5/8	4-1/2	5	17	21-5/16	53-13/16	53-7/16	10-3/16	10-11/16	114	126
C4-200M-60	C5-200M-60	60	65-5/8	4-1/2	5	18	23-5/16	59-1/2	59-3/16	10-15/16	11-3/8	125	138
C4-350M-18	C5-350M-18	18	23-5/8	4-1/2	5	6	7	17	16-7/16	7-3/4	8-3/16	41	45
C4-350M-20	C5-350M-20	20	25-5/8	4-1/2	5	7	7	19-11/16	19-1/4	8-3/8	8-13/16	45	49
C4-350M-24	C5-350M-24	24	29-5/8	4-1/2	5	7	11	22-11/16	22-1/8	8-3/8	8-3/4	50	55
C4-350M-30	C5-350M-30	30	35-5/8	4-1/2	5	9	13	28	27-7/16	9-1/2	9-7/8	60	66
C4-350M-36	C5-350M-36	36	41-5/8	4-1/2	5	11	15	33-5/16	32-11/16	10-5/8	11-1/16	74	82
C4-350M-42	C5-350M-42	42	47-5/8	4-1/2	5	13	17	38-9/16	37-15/16	11-11/16	12-1/4	84	93
C4-350M-48	C5-350M-48	48	53-5/8	4-1/2	5	15	19	43-13/16	43-1/4	12-15/16	13-3/8	95	105
C4-350M-54	C5-350M-54	54	59-5/8	4-1/2	5	17	21-5/16	49-7/16	48-13/16	14-1/16	14-1/2	118	130
C4-350M-60	C5-350M-60	60	65-5/8	4-1/2	5	18	23-5/16	54-5/8	54-1/16	15-1/4	15-5/8	130	143

Add "ITM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

6-3/8" wide frame is available upon request.

CEMA D IDLERS



Center slot for single bolt mounting through 48" belt width

TROUGHING IDLERS (EQUAL LENGTH ROLLERS): 5" AND 6" DIAMETER

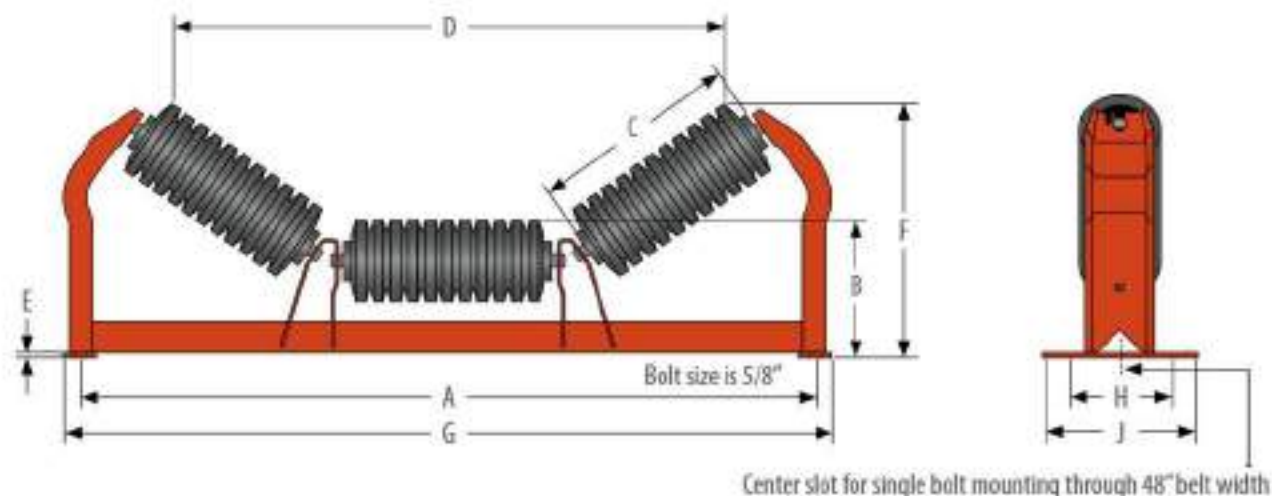
	PART NUMBER		BW	A	B		C	D		E	F		G	H	J	WT (#)	
	5"	6"			5"	6"		5"	6"		5"	6"				5"	6"
20"	D5-20E-24	D6-20E-24	24	33	8-1/2	9	9-1/16	27-11/16	27-5/16	5/16	11-11/16	12-1/8	35	6	9-1/2	54	64
	D5-20E-30	D6-20E-30	30	39	8-1/2	9	11-1/16	33-7/16	33-1/8	5/16	12-3/8	12-13/16	41	6	9-1/2	64	76
	D5-20E-36	D6-20E-36	36	45	8-1/2	9	13-1/16	39-3/16	38-7/8	5/16	13-1/16	13-1/2	47	6	9-1/2	73	86
	D5-20E-42	D6-20E-42	42	51	8-7/8	9-3/8	15-1/16	44-15/16	44-5/8	5/16	14-1/8	14-5/8	53	7-1/2	9-1/2	87	104
	D5-20E-48	D6-20E-48	48	57	9-1/4	9-3/4	17-1/16	51	50-11/16	5/16	14-7/8	15-5/16	59	7-1/2	9-1/2	101	119
	D5-20E-54	D6-20E-54	54	63	9-5/16	9-13/16	19-1/16	56-1/2	56-1/8	3/8	15-15/16	16-3/8	65-1/2	9	11	113	133
	D5-20E-60	D6-20E-60	60	69	9-5/16	9-13/16	21-1/16	62-1/4	61-7/8	3/8	16-5/8	17-1/16	71-1/2	9	11	122	144
	D5-20E-72	D6-20E-72	72	81	9-5/16	9-13/16	25-1/16	73-3/4	73-3/8	3/8	18	18-7/16	83-1/2	9	11	140	166
35"	D5-35E-24	D6-35E-24	24	33	8-1/2	9	9-1/16	24-3/4	24-3/16	5/16	13-3/4	14-3/16	35	6	9-1/2	56	66
	D5-35E-30	D6-35E-30	30	39	8-1/2	9	11-1/16	30	29-7/16	5/16	14-15/16	15-3/8	41	6	9-1/2	66	78
	D5-35E-36	D6-35E-36	36	45	8-1/2	9	13-1/16	35-5/16	34-3/4	5/16	16-1/8	16-1/2	47	6	9-1/2	74	88
	D5-35E-42	D6-35E-42	42	51	8-7/8	9-3/8	15-1/16	40-9/16	40	5/16	17-5/8	18-1/16	53	7-1/2	9-1/2	90	107
	D5-35E-48	D6-35E-48	48	57	9-1/4	9-3/4	17-1/16	46-1/4	45-11/16	5/16	18-15/16	19-5/16	59	7-1/2	9-1/2	104	122
	D5-35E-54	D6-35E-54	54	63	9-5/16	9-13/16	19-1/16	51-1/8	50-9/16	3/8	20-3/8	20-3/4	65-1/2	9	11	117	137
	D5-35E-60	D6-35E-60	60	69	9-5/16	9-13/16	21-1/16	56-7/16	55-13/16	3/8	21-1/2	21-7/8	71-1/2	9	11	126	148
	D5-35E-72	D6-35E-72	72	81	9-5/16	9-13/16	25-1/16	66-15/16	66-3/8	3/8	23-13/16	24-3/16	83-1/2	9	11	145	171
45"	D5-45E-24	D6-45E-24	24	33	8-1/2	9	9-1/16	22-13/16	22-1/8	5/16	15-1/16	15-3/8	35	6	9-1/2	57	67
	D5-45E-30	D6-45E-30	30	39	8-1/2	9	11-1/16	27-11/16	27	5/16	16-1/2	16-13/16	41	6	9-1/2	68	80
	D5-45E-36	D6-45E-36	36	45	8-1/2	9	13-1/16	32-1/2	31-3/16	5/16	17-15/16	18-1/4	47	6	9-1/2	76	90
	D5-45E-42	D6-45E-42	42	51	8-7/8	9-3/8	15-1/16	37-3/8	36-11/16	5/16	19-11/16	20-1/16	53	7-1/2	9-1/2	92	109
	D5-45E-48	D6-45E-48	48	57	9-1/4	9-3/4	17-1/16	42-9/16	41-7/8	5/16	21-5/16	21-5/8	59	7-1/2	9-1/2	106	125
	D5-45E-54	D6-45E-54	54	63	9-5/16	9-13/16	19-1/16	47	46-5/16	3/8	22-15/16	23-5/16	65-1/2	9	11	119	139
	D5-45E-60	D6-45E-60	60	69	9-5/16	9-13/16	21-1/16	51-7/8	51-3/16	3/8	24-3/8	24-11/16	71-1/2	9	11	129	151
	D5-45E-72	D6-45E-72	72	81	9-5/16	9-13/16	25-1/16	61-1/2	60-13/16	3/8	27-3/16	27-9/16	83-1/2	9	11	148	174

Add "TIM", "DRY", "WET", "LOW" to the end of the part number to add application specific seats.

Add "MOI" to the end of the part number to replace steel cans with Moire Rolls.

Recommended bolt pattern, see "Return & Flat Brackets Styles" section for minimum and maximum dimensions.

CEMA D IDLERS



Center slot for single bolt mounting through 48" belt width

RUBBER CUSHION IMPACT TROUGHING IDLER: 5" AND 6" DIAMETER

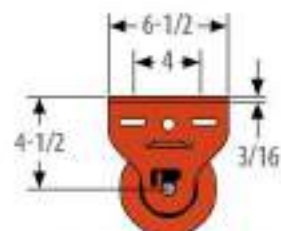
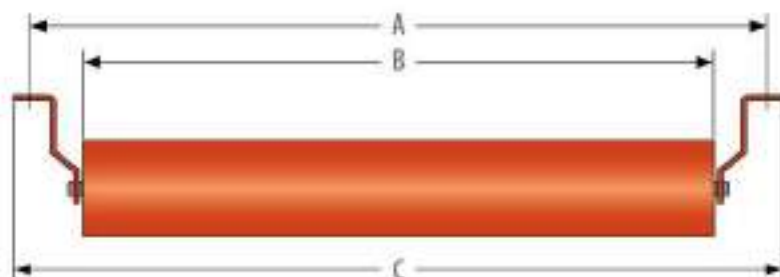
	PART NUMBER		BW	A	B		C	D		E	F		G	H	J	WT (#)	
	5"	6"			5"	6"		5"	6"		5"	6"				5"	6"
20"	05-20EI-24	06-20EI-24	24	33	8-1/2	9	9-1/8	26-5/16	25-15/16	5/16	11-1/2	11-15/16	35	6	9-1/2	61	48
	05-20EI-30	06-20EI-30	30	39	8-1/2	9	11-1/8	31-1/8	31-3/4	5/16	12-3/16	12-11/16	41	6	9-1/2	74	82
	05-20EI-36	06-20EI-36	36	45	8-1/2	9	13-1/8	37-7/8	37-1/2	5/16	12-7/8	13-3/8	47	6	9-1/2	92	94
	05-20EI-42	06-20EI-42	42	51	8-7/8	9-5/8	15-1/8	43-5/8	43-1/4	5/16	13-15/16	14-7/16	53	7-1/2	9-1/2	112	123
	05-20EI-48	06-20EI-48	48	57	8-1/4	9-3/4	17-1/8	48-11/16	48-5/16	5/16	14-11/16	15-3/16	59	7-1/2	9-1/2	129	141
	05-20EI-54	06-20EI-54	54	63	9-5/16	9-13/16	19-1/8	55-1/8	54-3/4	3/8	15-3/4	16-3/16	65-1/2	9	11	146	160
	05-20EI-60	06-20EI-60	60	69	9-5/16	9-13/16	21-1/8	60-7/8	60-1/2	3/8	16-7/16	16-7/8	71-1/2	9	11	159	175
	05-20EI-72	06-20EI-72	72	81	9-5/16	9-13/16	25-1/8	72-3/8	72	3/8	17-13/16	18-1/4	83-1/2	9	11	183	202
35"	05-35EI-24	06-35EI-24	24	33	8-1/2	9	9-1/8	23-1/2	22-15/16	5/16	13-7/16	13-7/8	35	6	9-1/2	63	70
	05-35EI-30	06-35EI-30	30	39	8-1/2	9	11-1/8	28-13/16	28-3/16	5/16	14-5/8	15-1/16	41	6	9-1/2	76	85
	05-35EI-36	06-35EI-36	36	45	8-1/2	9	13-1/8	34-1/16	33-1/2	5/16	15-13/16	16-3/16	47	6	9-1/2	95	97
	05-35EI-42	06-35EI-42	42	51	8-7/8	9-3/8	15-1/8	39-5/16	38-3/4	5/16	17-5/16	17-3/4	53	7-1/2	9-1/2	116	127
	05-35EI-48	06-35EI-48	48	57	9-1/4	9-3/4	17-1/8	44-15/16	44-7/16	5/16	18-5/8	19	59	7-1/2	9-1/2	132	145
	05-35EI-54	06-35EI-54	54	63	9-5/16	9-13/16	19-1/8	49-7/8	49-5/16	3/8	20	20-7/16	65-1/2	9	11	150	165
	05-35EI-60	06-35EI-60	60	69	9-5/16	9-13/16	21-1/8	55-1/8	54-9/16	3/8	21-3/16	21-8/16	71-1/2	9	11	163	179
	05-35EI-72	06-35EI-72	72	81	9-5/16	9-13/16	25-1/8	65-11/16	65-1/8	3/8	25-1/2	23-7/8	83-1/2	9	11	188	207
45"	05-45EI-24	06-45EI-24	24	33	8-1/2	9	9-1/8	21-11/16	21	5/16	14-5/8	15	35	6	9-1/2	64	71
	05-45EI-30	06-45EI-30	30	39	8-1/2	9	11-1/8	26-9/16	25-7/8	5/16	16-1/16	16-7/16	41	6	9-1/2	78	86
	05-45EI-36	06-45EI-36	36	45	8-1/2	9	13-1/8	31-7/16	30-11/16	5/16	17-1/2	17-7/16	47	6	9-1/2	97	99
	05-45EI-42	06-45EI-42	42	51	8-7/8	9-3/8	15-1/8	36-3/16	35-1/2	5/16	19-5/16	19-5/8	53	7-1/2	9-1/2	118	129
	05-45EI-48	06-45EI-48	48	57	9-1/4	9-3/4	17-1/8	41-7/16	40-3/8	5/16	20-15/16	21-1/4	59	7-1/2	9-1/2	135	148
	05-45EI-54	06-45EI-54	54	63	9-5/16	9-13/16	19-1/8	45-7/8	45-3/16	3/8	22-9/16	22-7/8	65-1/2	9	11	152	167
	05-45EI-60	06-45EI-60	60	69	9-5/16	9-13/16	21-1/8	50-11/16	50	3/8	23-13/16	24-5/16	71-1/2	9	11	166	183
	05-45EI-72	06-45EI-72	72	81	9-5/16	9-13/16	25-1/8	60-3/8	59-5/8	3/8	26-13/16	27-1/8	83-1/2	9	11	191	211

Add "ITM", "DRY", "WET", "LOW" to the end of the part numbers to add application specific seals.

Add "MOX" to the end of the part number to replace steel cans with Moxie Rolls.

Recommended bolt pattern, see "Return & Flat Brackets Styles" section for minimum and maximum dimensions.

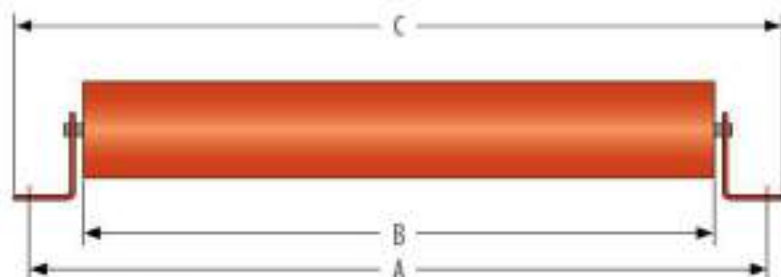
CEMA D IDLERS



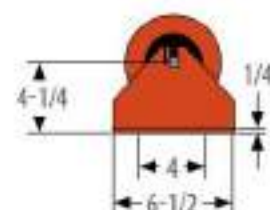
SLOTTED FOR 1/2" Ø BOLT

RETURN IDLERS: 5" AND 6" DIAMETER

PART NUMBER		BW	A	B	C	WT (#)	
5"	6"					5"	6"
RS-RET-18	DS-RET-18	18	27	21-3/8	28-7/16	25	33
RS-RET-20	DS-RET-20	20	29	23-3/8	30-7/16	27	34
RS-RET-24	DS-RET-24	24	33	27-3/8	34-7/16	30	40
RS-RET-30	DS-RET-30	30	39	33-3/8	40-7/16	36	47
RS-RET-36	DS-RET-36	36	45	39-3/8	46-7/16	41	54
RS-RET-42	DS-RET-42	42	51	45-3/8	52-7/16	46	61
RS-RET-48	DS-RET-48	48	57	51-3/8	58-7/16	51	68
RS-RET-54	DS-RET-54	54	63	57-3/8	64-7/16	56	76
RS-RET-60	DS-RET-60	60	69	63-3/8	70-7/16	61	83
RS-RET-72	DS-RET-72	72	81	75-3/8	82-7/16	72	92



SLOTTED FOR 1/2" Ø BOLT



FLAT IDLERS: 5" AND 6" DIAMETER

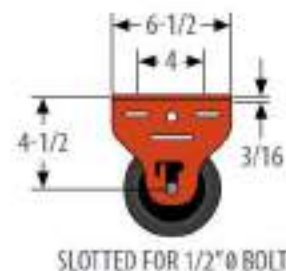
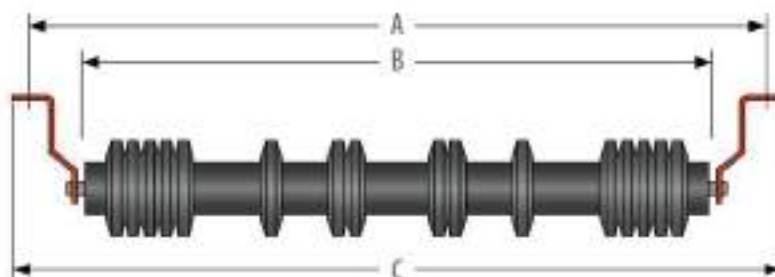
PART NUMBER		BW	A	B	C	WT (#)	
5"	6"					5"	6"
RS-RET-18	DS-RET-18	18	27	21-3/8	28-15/16	28	37
RS-RET-20	DS-RET-20	20	29	23-3/8	30-15/16	30	37
RS-RET-24	DS-RET-24	24	33	27-3/8	34-15/16	33	43
RS-RET-30	DS-RET-30	30	39	33-3/8	40-15/16	38	50
RS-RET-36	DS-RET-36	36	45	39-3/8	46-15/16	43	57
RS-RET-42	DS-RET-42	42	51	45-3/8	52-15/16	49	64
RS-RET-48	DS-RET-48	48	57	51-3/8	58-15/16	54	71
RS-RET-54	DS-RET-54	54	63	57-3/8	64-15/16	59	78
RS-RET-60	DS-RET-60	60	69	63-3/8	70-15/16	64	85
RS-RET-72	DS-RET-72	72	81	75-3/8	82-15/16	74	99

Add "TIM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

Add "MOX" to the end of the part number to replace steel cans with Moxie Rolls.

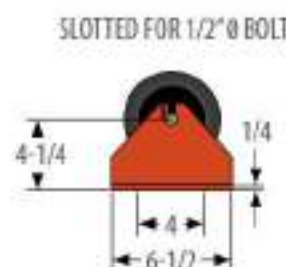
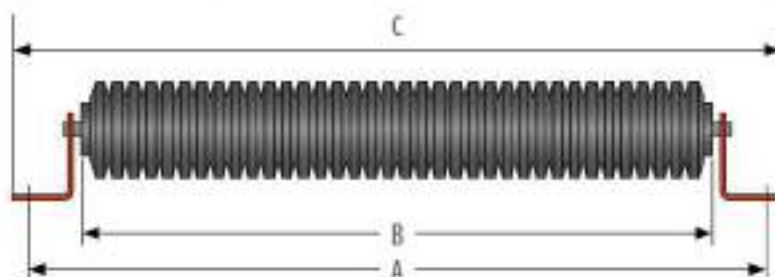
Recommended bolt pattern, see "Return & Flat Brackets Styles" section for minimum and maximum dimensions.

CEMA D IDLERS



RUBBER CUSHION RETURN IDLERS: 5" AND 6" DIAMETER

PART NUMBER		BW	A	B	C	WT (#)	
5"	6"					5"	6"
DS-RET-18	D6-RET-18	18	27	21-7/16	28-7/16	31	34
DS-RET-20	D6-RET-20	20	29	23-7/16	30-7/16	34	37
DS-RET-24	D6-RET-24	24	33	27-7/16	34-7/16	38	42
DS-RET-30	D6-RET-30	30	39	33-7/16	40-7/16	45	49
DS-RET-36	D6-RET-36	36	45	39-7/16	46-7/16	52	57
DS-RET-42	D6-RET-42	42	51	45-7/16	52-7/16	59	63
DS-RET-48	D6-RET-48	48	57	51-7/16	58-7/16	65	70
DS-RET-54	D6-RET-54	54	63	57-7/16	64-7/16	72	77
DS-RET-60	D6-RET-60	60	69	63-7/16	70-7/16	79	85
DS-RET-72	D6-RET-72	72	81	75-7/16	82-7/16	91	99



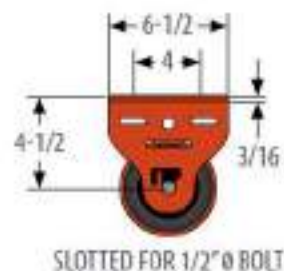
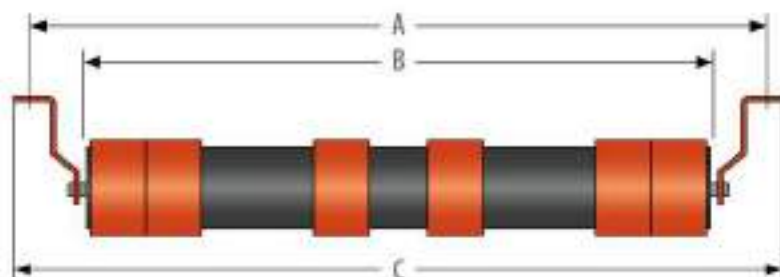
RUBBER CUSHION FLAT IDLERS: 5" AND 6" DIAMETER

PART NUMBER		BW	A	B	C	WT(#)	
5"	6"					5"	6"
DS-FLT-24	D6-FLT-24	24	33	27-7/16	34-15/16	45	52
DS-FLT-30	D6-FLT-30	30	39	33-7/16	40-15/16	53	62
DS-FLT-36	D6-FLT-36	36	45	39-7/16	46-15/16	61	71
DS-FLT-42	D6-FLT-42	42	51	45-7/16	52-15/16	69	81
DS-FLT-48	D6-FLT-48	48	57	51-7/16	58-15/16	78	92
DS-FLT-54	D6-FLT-54	54	63	57-7/16	64-15/16	86	101
DS-FLT-60	D6-FLT-60	60	69	63-7/16	70-15/16	94	111
DS-FLT-72	D6-FLT-72	72	81	75-7/16	82-15/16	111	131

Add "ITM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

CEMA D IDLERS



URATHON® RETURN ROLLS: 5" AND 6" DIAMETER

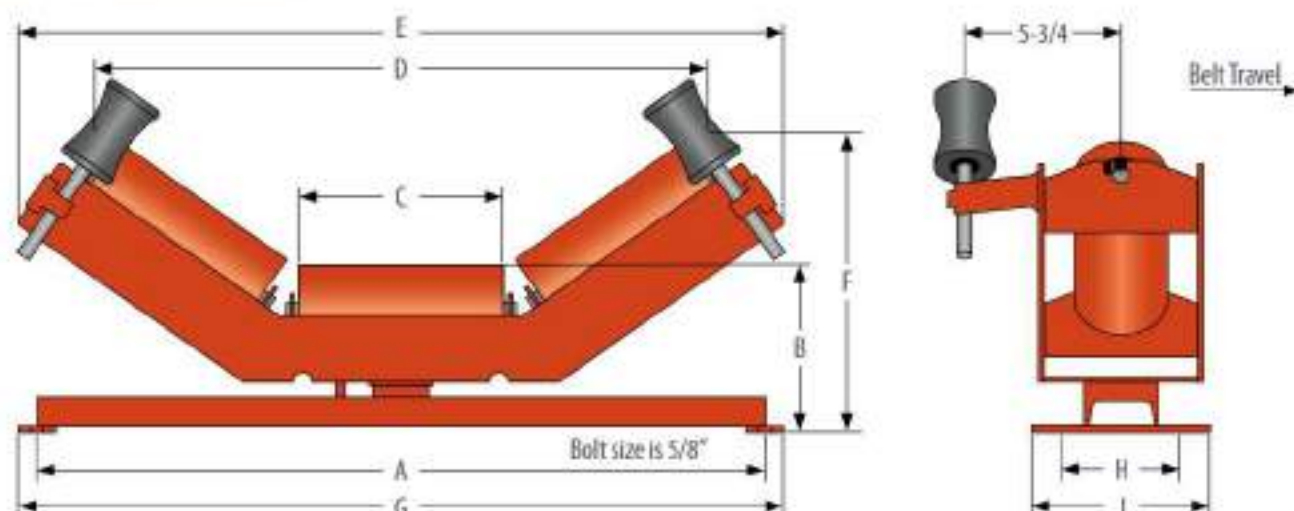
PART NUMBER		BW	A	B	C	WT (#)	
5"	6"					5"	6"
ES-RETU-18	D6-RETU-18	18	27	21-1/8	28-7/16	24	31
ES-RETU-24	D6-RETU-24	24	33	27-1/8	34-7/16	28	37
ES-RETU-30	D6-RETU-30	30	39	33-3/8	40-7/16	33	43
ES-RETU-36	D6-RETU-36	36	45	39-1/8	46-7/16	38	49
ES-RETU-42	D6-RETU-42	42	51	45-1/8	52-7/16	42	55
ES-RETU-48	D6-RETU-48	48	57	51-3/8	58-7/16	47	61
ES-RETU-54	D6-RETU-54	54	63	57-1/8	64-7/16	51	67
ES-RETU-60	D6-RETU-60	60	69	63-1/8	70-7/16	56	73
ES-RETU-72	D6-RETU-72	72	81	75-1/8	82-7/16	67	88

Add "TTM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

Spiral Urathon is only available in 6" diameter. To order Spiral Urathon version add "SP" after "RETU" in the part number.

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

CEMA D IDLERS



SELF-ALIGNING TROUGHING IDLERS: 5" AND 6" DIAMETER

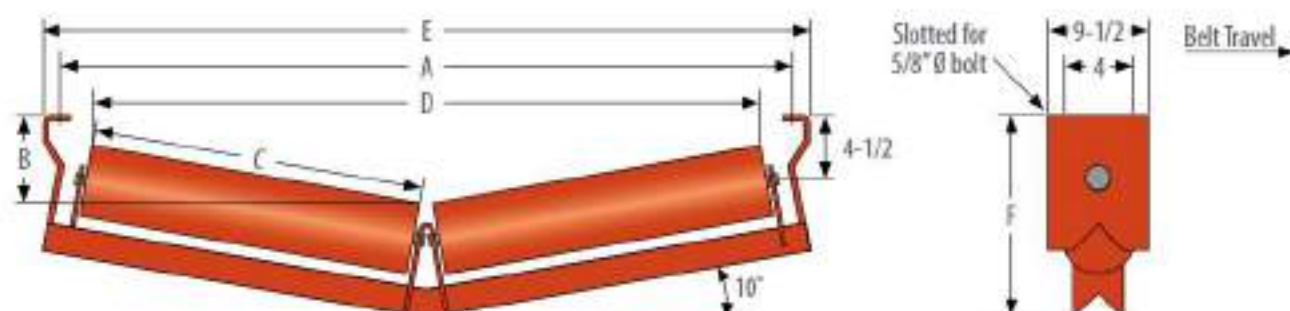
	PART NUMBER		BW	A	B		C	D		E	F		G	H	J	L	WT (#)	
	5"	6"			5"	6"		5"	6"		5"	6"					5"	6"
20°	05-20EA-24	06-20EA-24	24	33	9-1/8	9-5/8	9-1/16	28-9/16	28-1/4	36-3/4	12-7/16	12-15/16	35	6	9-1/2	5/16	104	115
	05-20EA-30	06-20EA-30	30	39	9-1/8	9-5/8	11-1/16	34-5/16	34	42-9/16	13-5/8	13-5/8	41	6	9-1/2	5/16	127	139
	05-20EA-36	06-20EA-36	36	45	9-1/8	9-5/8	13-1/16	40-1/16	39-3/4	48-5/16	13-13/16	14-5/16	47	6	9-1/2	5/16	140	154
	05-20EA-42	06-20EA-42	42	51	9-5/8	10-1/8	15-1/16	45-11/16	45-5/16	54-3/16	15	15-5/16	53	7-1/2	9-1/2	5/16	157	173
	05-20EA-48	06-20EA-48	48	57	9-5/8	10-1/8	17-1/16	51-7/16	51-1/16	60	15-11/16	16-1/8	59	7-1/2	9-1/2	5/16	170	189
	05-20EA-54	06-20EA-54	54	63	9-11/16	10-3/16	19-1/16	57-3/16	56-13/16	65-3/4	16-1/16	16-7/8	65-1/2	9-1/2	11	3/8	186	207
	05-20EA-60	06-20EA-60	60	69	9-11/16	10-3/16	21-1/16	62-15/16	62-5/8	71-1/2	17-1/8	17-7/16	71-1/2	9	11	3/8	200	222
	05-20EA-72	06-20EA-72	72	81	9-11/16	10-3/16	25-1/16	74-1/2	74-7/16	83	18-1/2	18-15/16	83-1/2	9	11	3/8	227	252
35°	05-35EA-24	06-35EA-24	24	33	9-1/8	9-5/8	9-1/16	24-15/16	24-3/8	35-3/8	14-1/2	14-15/16	35	6	9-1/2	5/16	105	115
	05-35EA-30	06-35EA-30	30	39	9-1/8	9-5/8	11-1/16	30-3/16	29-5/8	40-15/16	15-11/16	16-1/16	41	6	9-1/2	5/16	127	140
	05-35EA-36	06-35EA-36	36	45	9-1/8	9-5/8	13-1/16	35-1/2	34-15/16	44-1/16	16-13/16	17-1/16	47	6	9-1/2	5/16	140	155
	05-35EA-42	06-35EA-42	42	51	9-5/8	10-1/8	15-1/16	40-7/16	39-7/8	51-3/4	18-7/16	18-11/16	53	7-1/2	9-1/2	5/16	157	174
	05-35EA-48	06-35EA-48	48	57	9-5/8	10-1/8	17-1/16	45-3/4	45-1/8	57	19-7/16	20	59	7-1/2	9-1/2	5/16	171	189
	05-35EA-54	06-35EA-54	54	63	9-13/16	10-3/16	19-1/16	51	50-7/16	62-1/4	20-13/16	21-1/16	65-1/2	7-1/2	11	3/8	187	207
	05-35EA-60	06-35EA-60	60	69	9-13/16	10-3/16	21-1/16	56-1/4	55-11/16	67-9/16	21-15/16	22-3/16	71-1/2	9	11	3/8	201	223
	05-35EA-72	06-35EA-72	72	81	9-13/16	10-3/16	25-1/16	66-13/16	66-1/4	78-1/8	24-1/4	24-5/8	83-1/2	9	11	3/8	228	254
45°	05-45EA-24	06-45EA-24	24	33	9-1/8	9-5/8	9-1/16	23-1/2	22-13/16	35-1/2	15-1/2	15-13/16	35	6	9-1/2	5/16	106	117
	05-45EA-30	06-45EA-30	30	39	9-1/8	9-5/8	11-1/16	28-5/16	27-5/8	48-5/16	17	17-5/16	41	6	9-1/2	5/16	128	141
	05-45EA-36	06-45EA-36	36	45	9-1/8	9-5/8	13-1/16	33-1/8	32-7/16	45-1/16	18-7/16	18-3/4	47	6	9-1/2	5/16	142	156
	05-45EA-42	06-45EA-42	42	51	9-5/8	10-3/8	15-1/16	37-9/16	36-7/8	58-5/16	20-5/16	20-1/2	53	7-1/2	9-1/2	5/16	159	175
	05-45EA-48	06-45EA-48	48	57	9-5/8	10-3/8	17-1/16	42-3/8	41-11/16	55-1/8	21-3/4	21-15/16	59	7-1/2	9-1/2	5/16	172	191
	05-45EA-54	06-45EA-54	54	63	9-11/16	10-3/16	19-1/16	47-3/16	46-1/2	59-15/16	23-3/16	23-7/16	65-1/2	7-1/2	11	3/8	189	209
	05-45EA-60	06-45EA-60	60	69	9-11/16	10-3/16	21-1/16	52-1/16	51-3/8	64-3/4	24-1/2	24-15/16	71-1/2	9	11	3/8	202	224
	05-45EA-72	06-45EA-72	72	81	9-11/16	10-3/16	25-1/16	61-11/16	61	74-7/16	27-7/16	27-13/16	83-1/2	9	11	3/8	229	255

Add "ITM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

Also available in bi-directional shoe-activating. Designated by "BA".

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

CEMA D IDLERS



For wider base use next size larger belt width. Also available in 15°.

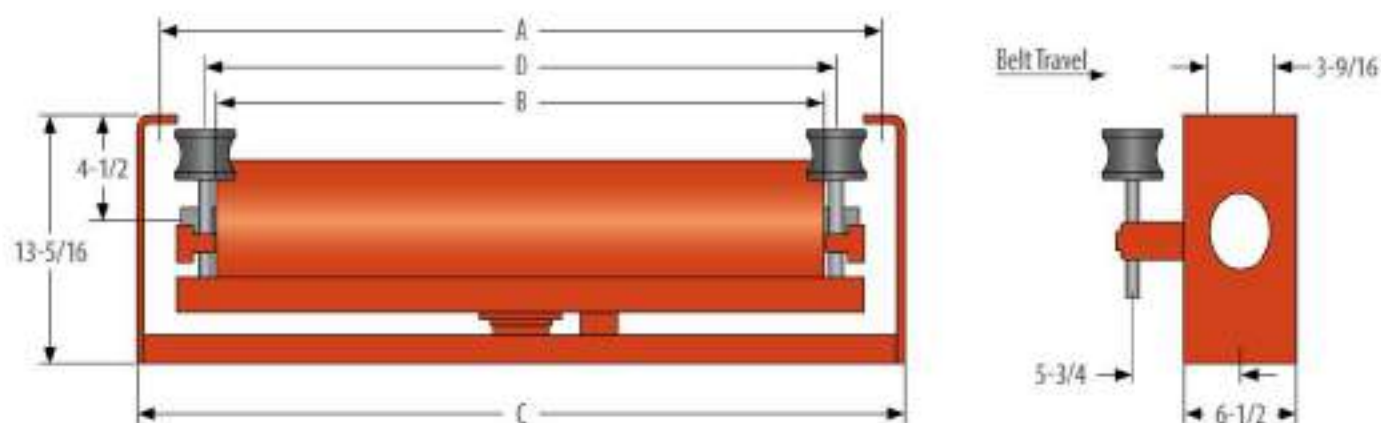
V-RETURN IDLER: 5" AND 6" DIAMETER

PART NUMBER		BW	A	B		C	D		E	F	WT (#)	
5"	6"			5"	6"		5"	6"			5"	6"
05-10RET-24	06-10RET-24	24	31	4-1/8	3-7/8	14-3/8	29	28-9/16	35-1/8	12-3/8	58	64
05-10RET-30	06-10RET-30	30	39	4-7/8	4-3/8	17	34-5/16	33-7/8	41-1/8	12-7/8	64	76
05-10RET-36	06-10RET-36	36	45	5-7/16	4-15/16	20-1/2	41-1/16	40-3/8	47-1/8	13-3/8	71	86
05-10RET-42	06-10RET-42	42	51	5-15/16	5-7/16	23-3/8	46-11/16	46-1/4	53-1/8	14	78	92
05-10RET-48	06-10RET-48	48	57	6-7/16	6	26-1/2	51	52-9/16	59-1/8	14-1/2	85	101
05-10RET-54	06-10RET-54	54	63	7	6-1/2	29-1/4	58-5/16	57-7/8	65-1/8	15-3/8	101	127
05-10RET-60	06-10RET-60	60	69	7-1/2	7-1/16	32-1/2	64-13/16	64-3/8	71-1/8	15-7/8	116	138
05-10RET-66	06-10RET-66	66	75	8-1/16	7-9/16	35-3/4	71-1/8	70-11/16	77-1/8	16-3/8	125	149
05-10RET-72	06-10RET-72	72	81	8-9/16	8-1/16	38	75-5/8	75-1/16	83-1/8	17	132	157
05-10RET-78	06-10RET-78	78	87	9-1/8	8-5/8	41-1/4	82	81-9/16	89-1/8	17-1/2	140	164

Add "TTM", "DRY", "WET", "LOW" to the end of the part number to add application specific seats.

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

CEMA D IDLERS



SELF-ALIGNING RETURN IDLERS: 5" AND 6" DIAMETER

PART NUMBER		BW	A	B	C	D	WT (#)	
5"	6"						5"	6"
05-RETA-18	06-RETA-18	18	27	21-3/8	29-1/2	25-5/8	72	80
05-RETA-24	06-RETA-24	24	33	27-3/8	35-1/2	31-5/8	81	91
05-RETA-30	06-RETA-30	30	39	33-3/8	41-1/2	37-5/8	94	105
05-RETA-36	06-RETA-36	36	45	39-3/8	47-1/2	43-5/8	106	117
05-RETA-42	06-RETA-42	42	51	45-3/8	53-1/2	49-5/8	122	137
05-RETA-48	06-RETA-48	48	57	51-3/8	59-1/2	55-5/8	133	150
05-RETA-54	06-RETA-54	54	63	57-3/8	65-1/2	61-5/8	144	163
05-RETA-60	06-RETA-60	60	69	63-3/8	71-1/2	67-5/8	155	176
05-RETA-72	06-RETA-72	72	81	75-3/8	83-1/2	79-5/8	177	202

Add "TIM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

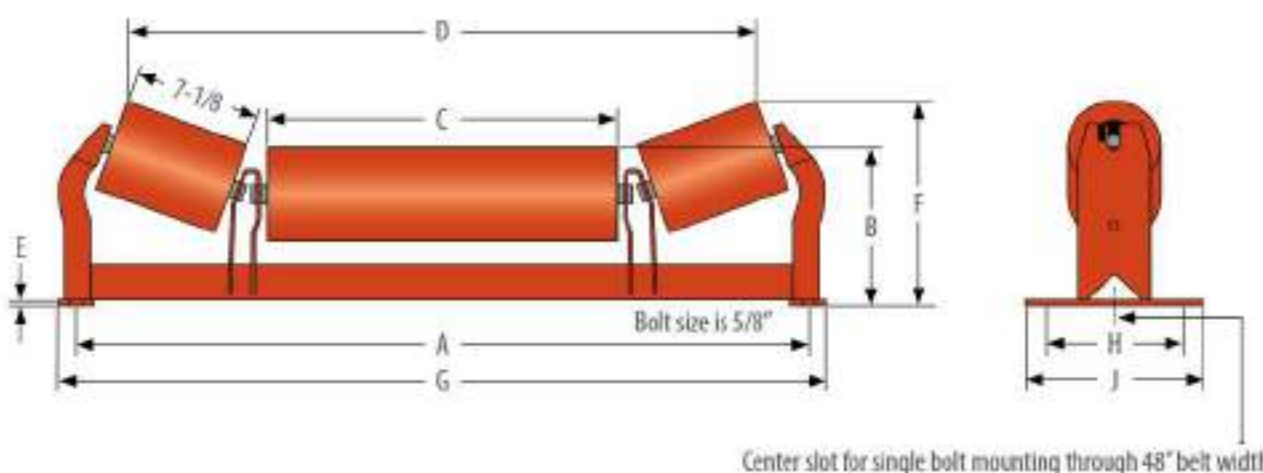
Also available in bi-directional shoe-activated option. Designated by "RETB".

Self-aligning return idlers are also available in lagged roller. Designated by "RETAI".

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

Bigfoot bolting pattern and lagged roller option available.

CEMA D IDLERS



Center slot for single bolt mounting through 48" belt width

FEEDER / PICKING TROUGHING IDLERS: 5" AND 6" DIAMETER

PART NUMBER		BW	A	B		C	D		E	F		G	H	J	WT (#)	
5"	6"			5"	6"		5"	6"		5"	6"				5"	6"
05-20P-24	06-20P-24	24	33	8-1/2	9	13	27-3/4	27-3/8	5/16	11	11-7/16	35	6	9-1/2	53	63
05-20P-30	06-20P-30	30	39	8-1/2	9	19	33-3/4	33-7/16	5/16	11	11-7/16	41	6	9-1/2	63	75
05-20P-36	06-20P-36	36	45	8-1/2	9	25	39-3/4	39-7/16	5/16	11	11-7/16	47	6	9-1/2	79	84
05-20P-42	06-20P-42	42	51	8-7/8	9-3/8	30-3/4	45-15/16	45-5/8	5/16	11-1/16	11-1/2	53	7-1/2	9-1/2	86	100
05-20P-48	06-20P-48	48	57	9-1/4	9-3/4	36-3/4	51-9/16	51-3/16	5/16	11-13/16	12-1/8	59	7-1/2	9-1/2	96	115
05-20P-54	06-20P-54	54	63	9-5/16	9-13/16	42-1/2	57-8/16	57-3/16	3/8	11-3/4	12-3/16	65-1/2	9	11	110	128
05-20P-60	06-20P-60	60	69	9-5/16	9-13/16	48-1/2	63-8/16	63-3/16	3/8	11-3/4	12-3/16	71-1/2	9	11	118	138
05-20P-72	06-20P-72	72	81	9-5/16	9-13/16	60-1/2	75-8/16	75-3/16	3/8	11-3/4	12-3/16	83-1/2	9	11	136	159

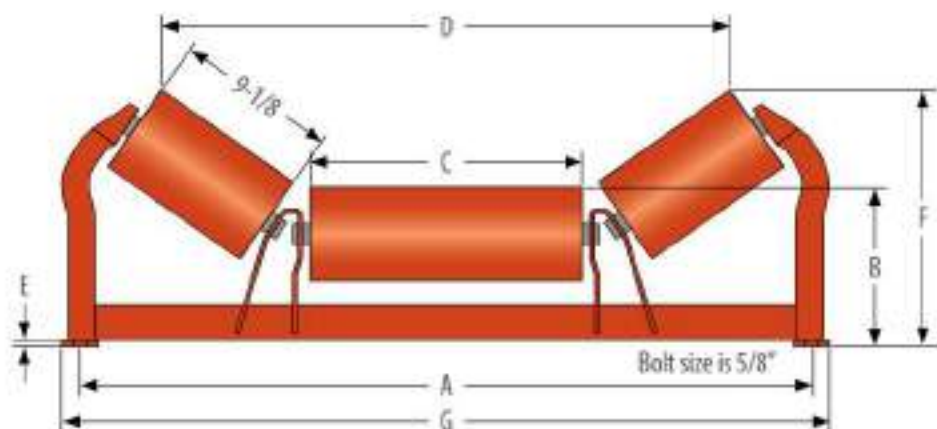
Add "TTM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

Belt Width (Reinforcing on 36" BW - 72" BW frame only).

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

Also available in rubber cushion rollers. Designated by "PI". For impact roll only in the center use "PCI".

CEMA D IDLERS



Center slot for single bolt mounting through 48" belt width

TROUGHING IDLERS (UNEQUAL LENGTH ROLLERS): 5" AND 6" DIAMETER

PART NUMBER		BW	A	B		C	D		E	F		G	H	J	WT (#)	
5"	6"			5"	6"		5"	6"		5"	6"				5"	6"
05-20U-30	06-20U-30	30	39	8-1/2	9	15-1/16	33-1/2	33-3/16	5/16	11-11/16	12-1/8	41	6	9-1/2	63	76
05-20U-36	06-20U-36	36	45	8-1/2	9	21-1/16	39-1/2	39-3/16	5/16	11-11/16	12-1/8	47	6	9-1/2	70	85
05-20U-42	06-20U-42	42	51	8-7/8	9-3/8	26-1/2	45-3/16	44-3/4	5/16	12-5/16	12-3/4	53	7-1/2	9-1/2	86	101
05-20U-48	06-20U-48	48	57	9-1/4	9-3/4	32-1/2	51-5/16	50-15/16	5/16	12-3/8	12-13/16	59	7-1/2	9-1/2	99	116
05-20U-54	06-20U-54	54	63	9-5/16	9-13/16	38-1/16	57-5/16	56-15/16	3/8	12-7/16	12-7/8	65-1/2	9	11	110	128
05-20U-60	06-20U-60	60	69	9-5/16	9-13/16	44-1/16	63-5/16	62-15/16	3/8	12-7/16	12-7/8	71-1/2	9	11	119	139
05-20U-72	06-20U-72	72	81	9-5/16	9-13/16	56-1/16	75-5/16	74-15/16	3/8	12-7/16	12-7/8	83-1/2	9	11	136	160
05-35U-30	06-35U-30	30	39	8-1/2	9	15	30-5/8	30-1/16	5/16	13-3/4	14-1/8	41	6	9-1/2	65	78
05-35U-36	06-35U-36	36	45	8-1/2	9	21	36-5/8	36-1/16	5/16	13-3/4	14-1/8	47	6	9-1/2	72	87
05-35U-42	06-35U-42	42	51	8-7/8	9-3/8	26-1/2	42-5/16	41-3/4	5/16	14-3/16	14-9/16	53	7-1/2	9-1/2	87	103
05-35U-48	06-35U-48	48	57	9-1/4	9-3/4	32-1/2	48-1/4	47-11/16	5/16	14-1/2	14-15/16	59	7-1/2	9-1/2	100	118
05-35U-54	06-35U-54	54	63	9-5/16	9-13/16	38-1/16	54-1/4	53-11/16	3/8	14-9/16	15	65-1/2	9	11	111	130
05-35U-60	06-35U-60	60	69	9-5/16	9-13/16	44-1/16	60-1/4	59-11/16	3/8	14-9/16	15	71-1/2	9	11	120	141
05-35U-72	06-35U-72	72	81	9-5/16	9-13/16	56-1/16	72-1/4	71-11/16	3/8	14-9/16	15	83-1/2	9	11	138	161
05-45U-30	06-45U-30	30	39	8-1/2	9	15	28-3/4	28-1/16	5/16	15-1/16	16-3/8	41	6	9-1/2	67	79
05-45U-36	06-45U-36	36	45	8-1/2	9	21	34-3/4	34-1/16	5/16	15-1/16	16-3/8	47	6	9-1/2	74	88
05-45U-42	06-45U-42	42	51	8-7/8	9-3/8	26-1/2	38-1/2	38-13/16	5/16	15-9/16	16-7/8	53	7-1/2	9-1/2	89	104
05-45U-48	06-45U-48	48	57	9-1/4	9-3/4	32-1/2	44-3/4	44-1/16	5/16	15-7/8	16-3/16	59	7-1/2	9-1/2	102	119
05-45U-54	06-45U-54	54	63	9-5/16	9-13/16	38-1/16	52-3/4	52-1/16	3/8	15-15/16	16-1/4	65-1/2	9	11	113	132
05-45U-60	06-45U-60	60	69	9-5/16	9-13/16	44-1/16	58-3/4	58-1/16	3/8	15-15/16	16-1/4	71-1/2	9	11	122	142
05-45U-72	06-45U-72	72	81	9-5/16	9-13/16	56-1/16	70-3/4	70-1/16	3/8	15-15/16	16-1/4	83-1/2	9	11	140	163

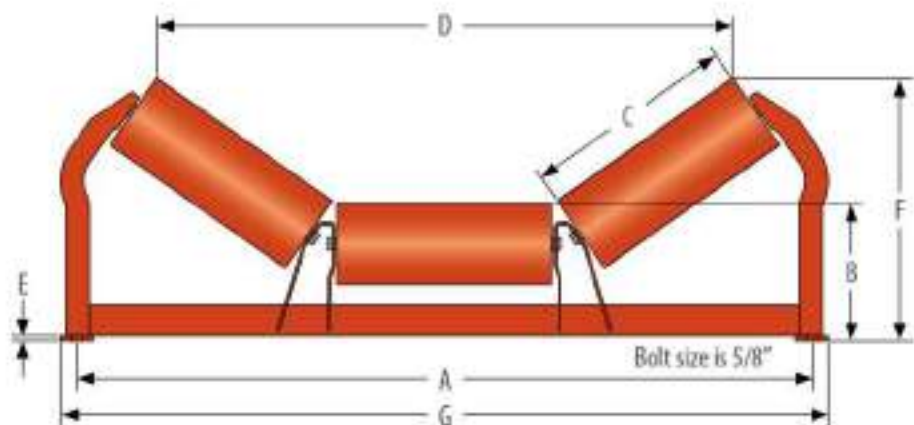
Add "TIM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

Belt Width (Reinforcing on 36" BW - 72" BW Impact frame only).

Recommended bolt pattern, see "Return & Flat Brackets Styles" section for minimum and maximum dimensions.

Also available in rubber cushioned roller. Designated by "UR".

DX IDLERS



Center slot for single bolt mounting through 48" belt width

TROUGHING IDLERS (EQUAL LENGTH ROLLERS): 5" AND 6" DIAMETER

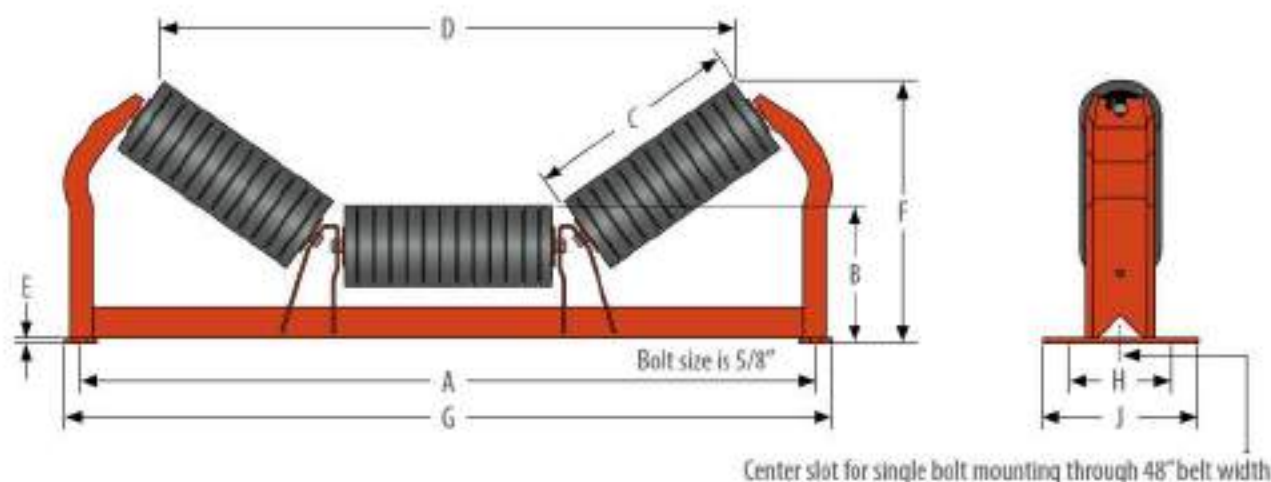
20"

35"

45"

PART NUMBER		BW	A	B		C	D		E	F		G	H	J	WT (#)	
5"	6"			5"	6"		5"	6"		5"	6"				5"	6"
05-20E-30-0X	06-20E-30-0X	30	39	8-1/2	9	11-1/16	33-7/16	33-3/8	5/16	12-3/8	12-13/16	41	6	9-1/2	64	76
05-20E-36-0X	06-20E-36-0X	36	45	8-1/2	9	13-1/16	39-3/16	38-7/8	5/16	13-1/16	13-1/2	47	6	9-1/2	71	86
05-20E-42-0X	06-20E-42-0X	42	51	8-7/8	9-3/8	15-1/16	44-15/16	44-5/8	5/16	14-1/8	14-5/8	53	7-1/2	9-1/2	87	104
05-20E-48-0X	06-20E-48-0X	48	57	9-1/4	9-3/4	17-1/16	51	50-11/16	5/16	14-7/8	15-5/16	59	7-1/2	9-1/2	99	119
05-20E-54-0X	06-20E-54-0X	54	63	9-5/16	9-13/16	19-1/16	56-1/2	56-1/8	3/8	15-15/16	16-3/8	65-1/2	9	11	113	133
05-20E-60-0X	06-20E-60-0X	60	69	9-5/16	9-13/16	21-1/16	62-1/4	61-7/8	3/8	16-5/8	17-1/16	71-1/2	9	11	122	144
05-20E-72-0X	06-20E-72-0X	72	81	9-5/16	9-13/16	25-1/16	73-3/4	73-3/8	3/8	18	18-7/16	83-1/2	9	11	140	166
05-35E-30-0X	06-35E-30-0X	30	39	8-1/2	9	11-1/16	30	29-7/16	5/16	14-15/16	15-3/8	41	6	9-1/2	66	78
05-35E-36-0X	06-35E-36-0X	36	45	8-1/2	9	13-1/16	35-5/16	34-3/4	5/16	16-1/8	16-1/2	47	6	9-1/2	74	88
05-35E-42-0X	06-35E-42-0X	42	51	8-7/8	9-3/8	15-1/16	40-9/16	40	5/16	17-5/8	18-1/16	53	7-1/2	9-1/2	90	107
05-35E-48-0X	06-35E-48-0X	48	57	9-1/4	9-3/4	17-1/16	46-1/4	45-11/16	5/16	18-15/16	19-5/16	59	7-1/2	9-1/2	104	122
05-35E-54-0X	06-35E-54-0X	54	63	9-5/16	9-13/16	19-1/16	51-1/8	50-9/16	3/8	20-3/8	20-3/4	65-1/2	9	11	117	137
05-35E-60-0X	06-35E-60-0X	60	69	9-5/16	9-13/16	21-1/16	56-7/16	55-13/16	3/8	21-1/2	21-7/8	71-1/2	9	11	126	148
05-35E-72-0X	06-35E-72-0X	72	81	9-5/16	9-13/16	25-1/16	66-15/16	66-3/8	3/8	23-13/16	24-3/16	83-1/2	9	11	145	171
05-45E-30-0X	06-45E-30-0X	30	39	8-1/2	9	11-1/16	27-11/16	27	5/16	16-1/2	16-13/16	41	6	9-1/2	68	80
05-45E-36-0X	06-45E-36-0X	36	45	8-1/2	9	13-1/16	32-1/2	31-3/4	5/16	17-15/16	18-1/4	47	6	9-1/2	76	90
05-45E-42-0X	06-45E-42-0X	42	51	8-7/8	9-3/8	15-1/16	37-3/8	36-11/16	5/16	19-11/16	20-1/16	53	7-1/2	9-1/2	92	109
05-45E-48-0X	06-45E-48-0X	48	57	9-1/4	9-3/4	17-1/16	42-9/16	41-7/8	5/16	21-5/16	21-5/8	59	7-1/2	9-1/2	106	125
05-45E-54-0X	06-45E-54-0X	54	63	9-5/16	9-13/16	19-1/16	47	46-5/16	3/8	22-15/16	23-5/16	65-1/2	9	11	119	139
05-45E-60-0X	06-45E-60-0X	60	69	9-5/16	9-13/16	21-1/16	51-7/8	51-3/16	3/8	24-3/8	24-11/16	71-1/2	9	11	129	151
05-45E-72-0X	06-45E-72-0X	72	81	9-5/16	9-13/16	25-1/16	61-1/2	60-13/16	3/8	27-3/16	27-9/16	83-1/2	9	11	148	174

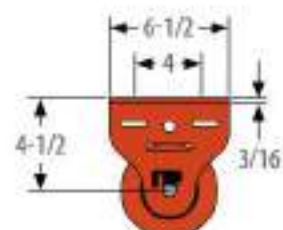
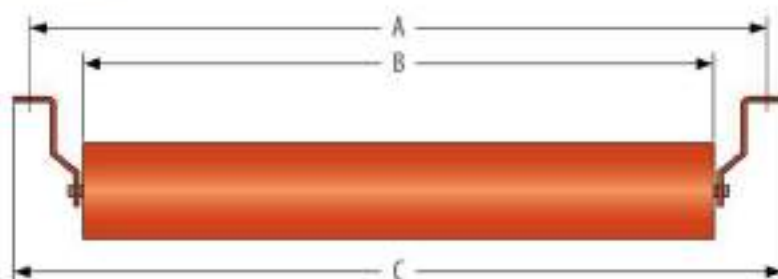
DX IDLERS



RUBBER CUSHION IMPACT TROUGHING IDLER: 5" AND 6" DIAMETER

	PART NUMBER		BW	A	B		C	D		E	F		G	H	J	WT (#)	
	5"	6"			5"	6"		5"	6"		5"	6"				5"	6"
20"	05-20EI-30-DX	06-20EI-30-DX	30	39	8-1/2	9	11-1/8	32-1/8	31-3/4	5/16	12-3/16	12-11/16	41	6	9-1/2	74	82
	05-20EI-36-DX	06-20EI-36-DX	36	45	8-1/2	9	13-1/8	37-7/8	37-1/2	5/16	12-7/8	13-3/8	47	6	9-1/2	92	94
	05-20EI-42-DX	06-20EI-42-DX	42	51	8-7/8	9-3/8	15-1/8	43-5/8	43-1/4	5/16	13-15/16	14-7/16	53	7-1/2	9-1/2	112	123
	05-20EI-48-DX	06-20EI-48-DX	48	57	9-1/4	9-3/4	17-1/8	49-11/16	49-5/16	5/16	14-11/16	15-1/16	59	7-1/2	9-1/2	129	141
	05-20EI-54-DX	06-20EI-54-DX	54	63	9-5/16	9-13/16	19-1/8	55-1/8	54-3/4	3/8	15-3/4	16-3/16	65-1/2	9	11	146	160
	05-20EI-60-DX	06-20EI-60-DX	60	69	9-5/16	9-13/16	21-1/8	60-7/8	60-1/2	3/8	16-7/16	16-7/8	71-1/2	9	11	159	175
	05-20EI-72-DX	06-20EI-72-DX	72	81	9-5/16	9-13/16	25-1/8	72-3/8	72	3/8	17-13/16	18-1/4	83-1/2	9	11	189	202
35"	05-35EI-30-DX	06-35EI-30-DX	30	39	8-1/2	9	11-1/8	28-11/16	28-3/16	5/16	14-5/8	15-1/16	41	6	9-1/2	76	85
	05-35EI-36-DX	06-35EI-36-DX	36	45	8-1/2	9	13-1/8	34-1/16	33-1/2	5/16	15-13/16	16-3/16	47	6	9-1/2	95	97
	05-35EI-42-DX	06-35EI-42-DX	42	51	8-7/8	9-3/8	15-1/8	39-5/16	38-3/4	5/16	17-5/16	17-3/4	53	7-1/2	9-1/2	116	127
	05-35EI-48-DX	06-35EI-48-DX	48	57	9-1/4	9-3/4	17-1/8	44-15/16	44-7/16	5/16	18-5/8	19	59	7-1/2	9-1/2	132	145
	05-35EI-54-DX	06-35EI-54-DX	54	63	9-5/16	9-13/16	19-1/8	49-7/8	49-5/16	3/8	20	20-7/16	65-1/2	9	11	150	165
	05-35EI-60-DX	06-35EI-60-DX	60	69	9-5/16	9-13/16	21-1/8	55-1/8	54-9/16	3/8	21-3/16	21-9/16	71-1/2	9	11	163	179
	05-35EI-72-DX	06-35EI-72-DX	72	81	9-5/16	9-13/16	25-1/8	65-11/16	65-1/8	3/8	23-1/2	23-7/8	83-1/2	9	11	188	207
45"	05-45EI-30-DX	06-45EI-30-DX	30	39	8-1/2	9	11-1/8	26-9/16	25-7/8	5/16	16-1/16	16-7/16	41	6	9-1/2	78	86
	05-45EI-36-DX	06-45EI-36-DX	36	45	8-1/2	9	13-1/8	31-7/16	30-11/16	5/16	17-1/2	17-7/16	47	6	9-1/2	97	99
	05-45EI-42-DX	06-45EI-42-DX	42	51	8-7/8	9-3/8	15-1/8	36-3/16	35-1/2	5/16	19-5/16	18-5/8	53	7-1/2	9-1/2	118	129
	05-45EI-48-DX	06-45EI-48-DX	48	57	9-1/4	9-3/4	17-1/8	41-7/16	40-3/4	5/16	20-15/16	21-1/4	59	7-1/2	9-1/2	135	148
	05-45EI-54-DX	06-45EI-54-DX	54	63	9-5/16	9-13/16	19-1/8	45-7/8	45-3/16	3/8	22-9/16	22-7/8	65-1/2	9	11	152	167
	05-45EI-60-DX	06-45EI-60-DX	60	69	9-5/16	9-13/16	21-1/8	50-11/16	50	3/8	23-25/16	24-5/16	71-1/2	9	11	166	183
	05-45EI-72-DX	06-45EI-72-DX	72	81	9-5/16	9-13/16	25-1/8	60-3/8	59-5/8	3/8	26-13/16	27-1/8	83-1/2	9	11	191	211

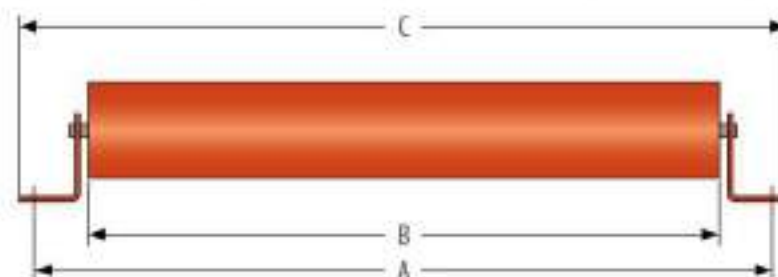
DX IDLERS



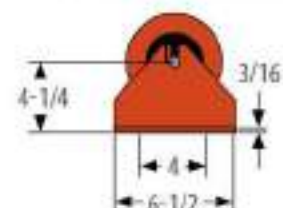
SLOTTED FOR 1/2" Ø BOLT

RETURN IDLERS: 5" AND 6" DIAMETER

PART NUMBER		BW	A	B	C	WT (#)	
5"	6"					5"	6"
D5-RET-18-ID	D6-RET-18-ID	18	27	21-3/8	28-7/16	25	33
D5-RET-20-ID	D6-RET-20-ID	20	29	23-3/8	30-7/16	27	34
D5-RET-24-ID	D6-RET-24-ID	24	32	27-3/8	34-7/16	30	40
D5-RET-30-ID	D6-RET-30-ID	30	39	33-3/8	40-7/16	36	47
D5-RET-36-ID	D6-RET-36-ID	36	45	39-3/8	46-7/16	41	54
D5-RET-42-ID	D6-RET-42-ID	42	51	45-3/8	52-7/16	46	61
D5-RET-48-ID	D6-RET-48-ID	48	57	51-3/8	58-7/16	51	68
D5-RET-54-ID	D6-RET-54-ID	54	63	57-3/8	64-7/16	56	76
D5-RET-60-ID	D6-RET-60-ID	60	69	63-3/8	70-7/16	61	83
D5-RET-72-ID	D6-RET-72-ID	72	81	75-3/8	82-7/16	72	97



SLOTTED FOR 1/2" Ø BOLT

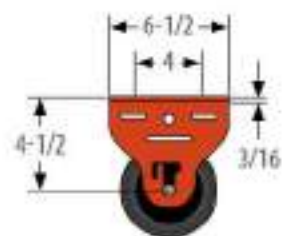
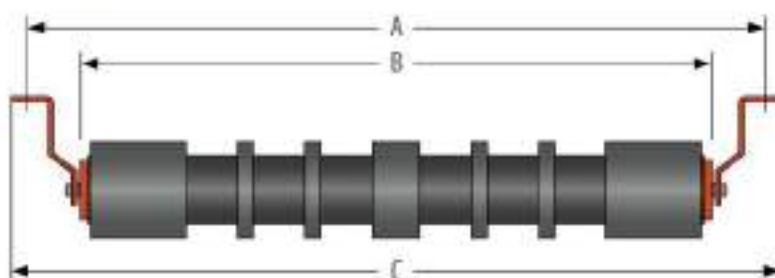


FLAT IDLERS: 5" AND 6" DIAMETER

PART NUMBER		BW	A	B	C	WT (#)	
5"	6"					5"	6"
D5-RET-18-ID	D6-RET-18-ID	18	27	21-3/8	28-15/16	28	37
D5-RET-20-ID	D6-RET-20-ID	20	29	23-3/8	30-15/16	30	37
D5-RET-24-ID	D6-RET-24-ID	24	33	27-3/8	34-15/16	33	43
D5-RET-30-ID	D6-RET-30-ID	30	39	33-3/8	40-15/16	38	50
D5-RET-36-ID	D6-RET-36-ID	36	45	39-3/8	46-15/16	43	57
D5-RET-42-ID	D6-RET-42-ID	42	51	45-3/8	52-15/16	49	64
D5-RET-48-ID	D6-RET-48-ID	48	57	51-3/8	58-15/16	54	71
D5-RET-54-ID	D6-RET-54-ID	54	63	57-3/8	64-15/16	59	78
D5-RET-60-ID	D6-RET-60-ID	60	69	63-3/8	70-15/16	64	85
D5-RET-72-ID	D6-RET-72-ID	72	81	75-3/8	82-15/16	74	99

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

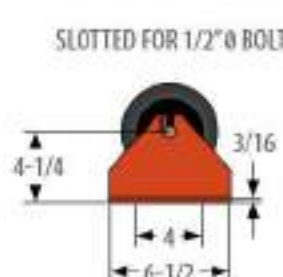
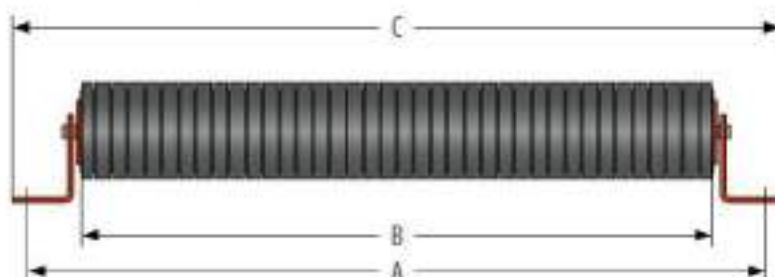
DX IDLERS



SLOTTED FOR 1/2" Ø BOLT

RUBBER CUSHION RETURN IDLERS: 5" AND 6" DIAMETER

PART NUMBERS		BW	A	B	C	WT (#)	
5"	6"					5"	6"
DS-RET-18-DX	D6-RET-18-DX	18	27	21-7/16	28-7/16	31	34
DS-RET-20-DX	D6-RET-20-DX	20	29	23-7/16	30-7/16	34	37
DS-RET-24-DX	D6-RET-24-DX	24	33	27-7/16	34-7/16	38	42
DS-RET-30-DX	D6-RET-30-DX	30	39	33-7/16	40-7/16	45	49
DS-RET-36-DX	D6-RET-36-DX	36	45	39-7/16	46-7/16	52	57
DS-RET-42-DX	D6-RET-42-DX	42	51	45-7/16	52-7/16	59	63
DS-RET-48-DX	D6-RET-48-DX	48	57	51-7/16	58-7/16	65	70
DS-RET-54-DX	D6-RET-54-DX	54	63	57-7/16	64-7/16	72	77
DS-RET-60-DX	D6-RET-60-DX	60	69	63-7/16	70-7/16	79	85
DS-RET-72-DX	D6-RET-72-DX	72	81	75-7/16	82-7/16	93	99



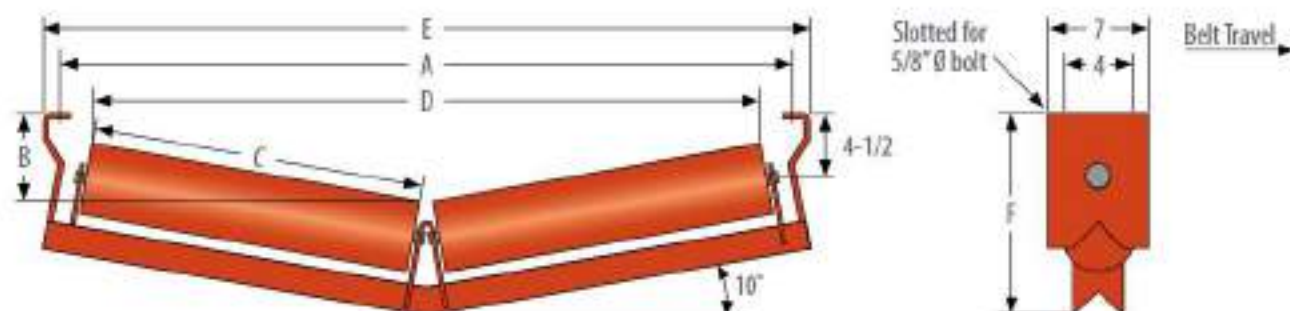
SLOTTED FOR 1/2" Ø BOLT

RUBBER CUSHION FLAT IDLERS: 5" AND 6" DIAMETER

PART NUMBERS		BW	A	B	C	WT (#)	
5"	6"					5"	6"
DS-FLT-24-DX	D6-FLT-24-DX	24	33	27-7/16	34-15/16	45	52
DS-FLT-30-DX	D6-FLT-30-DX	30	39	33-7/16	40-15/16	53	62
DS-FLT-36-DX	D6-FLT-36-DX	36	45	39-7/16	46-15/16	61	71
DS-FLT-42-DX	D6-FLT-42-DX	42	51	45-7/16	52-15/16	69	81
DS-FLT-48-DX	D6-FLT-48-DX	48	57	51-7/16	58-15/16	78	92
DS-FLT-54-DX	D6-FLT-54-DX	54	63	57-7/16	64-15/16	86	101
DS-FLT-60-DX	D6-FLT-60-DX	60	69	63-7/16	70-15/16	94	111
DS-FLT-72-DX	D6-FLT-72-DX	72	81	75-7/16	82-15/16	111	131

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

DX IDLERS

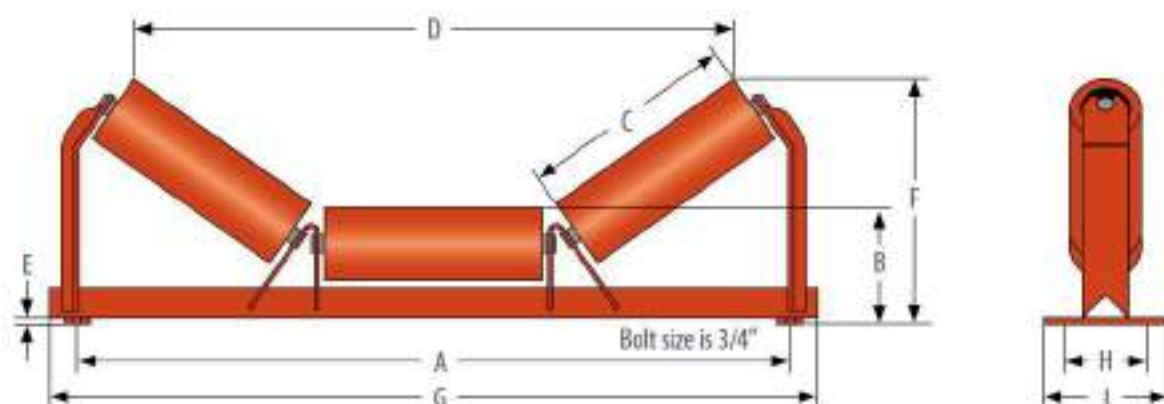


For wider base use next size larger belt width. Also available in 15°.

V-RETURN IDLER: 5" AND 6" DIAMETER

PART NUMBERS		BW	A	B		C	D		E	F	WT (#)	
5"	6"			5"	6"		5"	6"			5"	6"
DS-10RET-30-DX	DG-10RET-30-DX	30	39	4-7/8	4-3/8	17	34-5/16	33-7/8	41-1/8	12-7/8	64	76
DS-10RET-36-DX	DG-10RET-36-DX	36	45	5-7/16	4-15/16	20-1/2	41-1/16	40-5/8	47-1/8	13-3/8	71	86
DS-10RET-42-DX	DG-10RET-42-DX	42	51	5-15/16	5-7/16	23-3/8	46-11/16	46-1/4	53-1/8	14	78	92
DS-10RET-48-DX	DG-10RET-48-DX	48	57	6-7/16	6	26-1/2	51	52-9/16	59-1/8	14-1/2	83	101
DS-10RET-54-DX	DG-10RET-54-DX	54	63	7	6-1/2	29-1/4	58-5/16	57-7/8	65-1/8	15-3/8	107	127
DS-10RET-60-DX	DG-10RET-60-DX	60	69	7-1/2	7-1/16	32-1/2	64-13/16	64-3/8	71-1/8	15-7/8	116	138
DS-10RET-66-DX	DG-10RET-66-DX	66	75	8-1/16	7-9/16	35-3/4	71-1/8	70-13/16	77-1/8	16-3/8	125	149
DS-10RET-72-DX	DG-10RET-72-DX	72	81	8-9/16	8-1/16	38	75-3/8	75-3/16	83-1/8	17	132	157
DS-10RET-78-DX	DG-10RET-78-DX	78	87	9-1/8	8-5/8	41-1/4	82	81-9/16	89-1/8	17-1/2	140	164

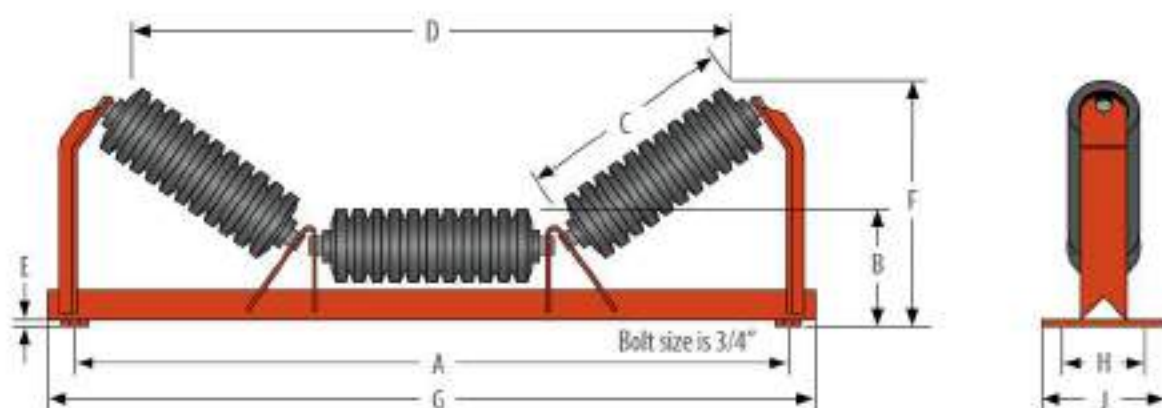
CEMA E IDLERS



TROUGHING IDLER (EQUAL LENGTH ROLLERS): 6" AND 7" DIAMETER

	PART NUMBER		BW	A	B		C	D		E	F		G	H	J	WT (#)	
	6"	7"			6"	7"		6"	7"		6"	7"				6"	7"
20°	E6-20E-36	E7-20E-36	36	45	10-3/4	11-1/4	12-3/4	39-11/16	39-1/2	1/2	15-3/8	15-13/16	40	7-1/2	12	158	169
	E6-20E-42	E7-20E-42	42	51	10-3/4	11-1/4	14-1/4	45-5/8	45-1/4	1/2	16-1/16	16-1/2	45	7-1/2	12	174	187
	E6-20E-48	E7-20E-48	48	57	10-3/4	11-1/4	17-1/2	53-1/2	53-3/16	1/2	17	17-7/16	63	7-1/2	12	197	212
	E6-20E-54	E7-20E-54	54	63	10-3/4	11-1/4	19-1/2	59-1/4	58-15/16	1/2	17-11/16	18-1/8	68-1/2	7-1/2	12	212	221
	E6-20E-60	E7-20E-60	60	69	10-3/4	11-1/4	21-1/2	65-1/16	64-11/16	1/2	18-3/8	18-13/16	74-1/4	7-1/2	12	229	247
	E6-20E-72	E7-20E-72	72	81	11-1/2	12	25-1/2	76-9/16	76-3/16	1/2	20-1/2	20-15/16	86	7-1/2	12	264	283
	E6-20E-84	E7-20E-84	84	93	11-3/4	12-3/4	29-1/2	88-1/16	87-3/4	1/2	22-1/16	22-9/16	97-1/4	8	14	298	321
	E6-20E-96	E7-20E-96	96	105	11-3/4	12-3/4	33-1/2	99-9/16	99-1/4	1/2	23-7/16	23-15/16	109	8	14	331	357
35°	E6-35E-36	E7-35E-36	36	45	10-3/4	11-1/4	12-3/4	35-11/16	35-1/4	1/2	18-1/4	18-11/16	40	7-1/2	12	163	174
	E6-35E-42	E7-35E-42	42	51	10-3/4	11-1/4	14-3/4	41-1/16	40-1/2	1/2	19-7/16	19-11/16	55	7-1/2	12	180	192
	E6-35E-48	E7-35E-48	48	57	10-3/4	11-1/4	17-1/2	48-5/16	47-3/4	1/2	21	21-7/16	63	7-1/2	12	203	217
	E6-35E-54	E7-35E-54	54	63	10-3/4	11-1/4	19-1/2	53-9/16	53-1/16	1/2	22-1/8	22-9/16	68-1/2	7-1/2	12	220	235
	E6-35E-60	E7-35E-60	60	69	10-3/4	11-1/4	21-1/2	58-7/8	58-5/16	1/2	23-5/16	23-11/16	74-1/4	7-1/2	12	236	252
	E6-35E-72	E7-35E-72	72	81	11-1/2	11-15/16	25-1/2	68-7/16	68-7/8	1/2	26-5/16	26-1/4	86	7-1/2	12	273	299
	E6-35E-84	E7-35E-84	84	93	11-3/4	12-3/16	29-1/2	79-15/16	79-7/16	1/2	28-15/16	29-5/16	97-1/2	8	14	307	338
	E6-35E-96	E7-35E-96	96	105	11-3/4	12-3/16	33-1/2	90-1/2	89-15/16	1/2	31-3/16	31-9/16	109	8	14	342	376
45°	E6-45E-36	E7-45E-36	36	45	10-3/4	11-1/4	12-3/4	32-5/16	31-5/8	1/2	18-15/16	20-5/16	40	7-1/2	12	167	179
	E6-45E-42	E7-45E-42	42	51	10-3/4	11-1/4	14-3/4	37-1/8	36-7/16	1/2	21-3/8	21-11/16	55	7-1/2	12	184	198
	E6-45E-48	E7-45E-48	48	57	10-3/4	11-1/4	17-1/2	43-3/4	43-1/16	1/2	23-5/16	23-5/8	63	7-1/2	12	208	224
	E6-45E-54	E7-45E-54	54	63	10-3/4	11-1/4	19-1/2	48-5/8	47-15/16	1/2	24-11/16	26-1/16	68-1/2	7-1/2	12	225	242
	E6-45E-60	E7-45E-60	60	69	10-3/4	11-1/4	21-1/2	53-7/16	52-3/4	1/2	26-1/8	26-1/2	74-1/4	7-1/2	12	242	261
	E6-45E-72	E7-45E-72	72	81	11-1/2	11-15/16	25-1/2	63-3/16	62-3/8	1/2	29-11/16	30-1/16	86	7-1/2	12	278	296
	E6-45E-84	E7-45E-84	84	93	11-3/4	12-3/16	29-1/2	72-3/4	72-1/16	1/2	32-3/4	33-1/8	97-1/4	8	14	315	346
	E6-45E-96	E7-45E-96	96	105	11-3/4	12-3/16	33-1/2	82-7/16	81-3/4	1/2	35-5/8	35-15/16	109	8	14	350	384

CEMA E IDLERS

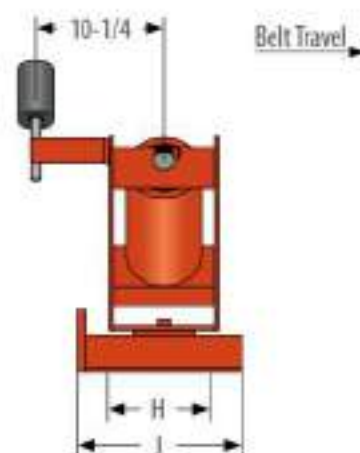
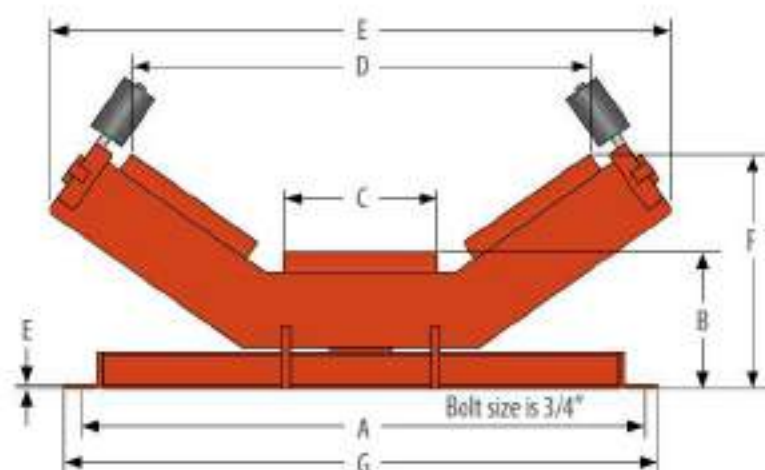


RUBBER CUSHION IMPACT TROUGHING IDLERS: 6" AND 7" DIAMETER

PART NUMBER		BW	A	B		C	D		E	F		G	H	J	WT (#)	
6"	7"			6"	7"		6"	7"		6"	7"				6"	7"
ES-20E-36	E7-20E-36	36	45	10-3/4	11-1/4	13-1/8	37-3/4	37-3/8	1/2	15-1/16	15-1/2	49	7-1/2	12	145	158
ES-20E-42	E7-20E-42	42	51	10-3/4	11-1/4	15-1/8	43-1/2	43-1/8	1/2	15-3/4	16-3/16	55	7-1/2	12	161	177
ES-20E-48	E7-20E-48	48	57	10-3/4	11-1/4	17-7/8	51-7/16	51-1/16	1/2	16-11/16	17-1/8	63	7-1/2	12	184	205
ES-20E-54	E7-20E-54	54	63	10-3/4	11-1/4	19-7/8	57-3/16	56-7/8	1/2	17-3/8	17-13/16	68-1/2	7-1/2	12	200	223
ES-20E-60	E7-20E-60	60	69	10-3/4	11-1/4	21-7/8	62-15/16	62-5/8	1/2	18-1/16	18-1/2	74-1/4	7-1/2	12	216	241
ES-20E-72	E7-20E-72	72	81	11-1/2	12	25-7/8	74-7/16	74-1/8	1/2	20-3/16	20-5/8	84	7-1/2	12	250	280
ES-20E-84	E7-20E-84	84	93	11-3/4	12-1/4	29-7/8	85-15/16	85-5/8	1/2	21-11/16	22-1/4	94-1/4	9	14	283	318
ES-20E-96	E7-20E-96	96	105	11-3/4	12-1/4	33-7/8	97-1/2	97-3/16	1/2	23-1/8	23-5/8	109	9	14	315	355
ES-35E-36	E7-35E-36	36	45	10-3/4	11-1/4	13-1/8	33-15/16	33-5/16	1/2	17-3/4	18-3/16	49	7-1/2	12	150	164
ES-35E-42	E7-35E-42	42	51	10-3/4	11-1/4	15-3/8	39-1/8	38-9/16	1/2	18-15/16	19-5/16	55	7-1/2	12	167	183
ES-35E-48	E7-35E-48	48	57	10-3/4	11-1/4	17-7/8	46-3/8	45-13/16	1/2	20-1/2	20-15/16	63	7-1/2	12	191	211
ES-35E-54	E7-35E-54	54	63	10-3/4	11-1/4	19-7/8	51-11/16	51-1/8	1/2	21-5/8	22-1/16	68-1/2	7-1/2	12	207	230
ES-35E-60	E7-35E-60	60	69	10-3/4	11-1/4	21-7/8	56-15/16	56-3/8	1/2	22-13/16	23-3/16	74-1/4	7-1/2	12	223	249
ES-35E-72	E7-35E-72	72	81	11-1/2	12	25-7/8	67-1/2	64-15/16	1/2	25-11/16	26-1/4	84	7-1/2	12	258	288
ES-35E-84	E7-35E-84	84	93	11-3/4	12-1/4	29-7/8	78-1/16	77-7/16	1/2	28-3/8	28-3/4	97-1/4	9	14	293	328
ES-35E-96	E7-35E-96	96	105	11-3/4	12-1/4	33-7/8	88-5/8	88-1/16	1/2	30-11/16	31-1/16	109	9	14	326	366
ES-45E-36	E7-45E-36	36	45	10-3/4	11-1/4	13-1/8	30-5/8	29-15/16	1/2	19-1/4	19-5/8	49	7-1/2	12	154	168
ES-45E-42	E7-45E-42	42	51	10-3/4	11-1/4	15-1/8	35-3/8	34-11/16	1/2	20-11/16	21-1/16	55	7-1/2	12	171	187
ES-45E-48	E7-45E-48	48	57	10-3/4	11-1/4	17-7/8	42-1/16	41-5/16	1/2	22-5/8	23	63	7-1/2	12	196	216
ES-45E-54	E7-45E-54	54	63	10-3/4	11-1/4	19-7/8	46-15/16	46-3/16	1/2	24-1/16	24-7/16	68-1/2	7-1/2	12	212	235
ES-45E-60	E7-45E-60	60	69	10-3/4	11-1/4	21-7/8	51-11/16	51	1/2	25-1/2	25-13/16	74-1/4	7-1/2	12	229	254
ES-45E-72	E7-45E-72	72	81	11-1/2	12	25-7/8	61-3/8	60-5/8	1/2	29-1/16	29-3/8	84	7-1/2	12	265	295
ES-45E-84	E7-45E-84	84	93	11-3/4	12-1/4	29-7/8	71	70-5/16	1/2	32-1/8	32-7/16	97-1/2	9	14	300	335
ES-45E-96	E7-45E-96	96	105	11-3/4	12-1/4	33-7/8	81-11/16	80	1/2	34-15/16	35-5/16	109	9	14	334	374

Add "TIM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

CEMA E IDLERS

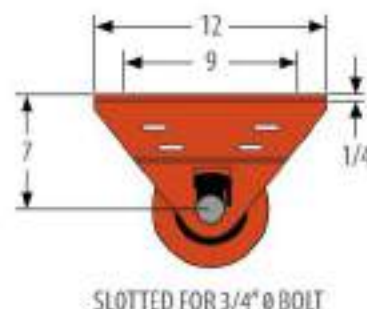
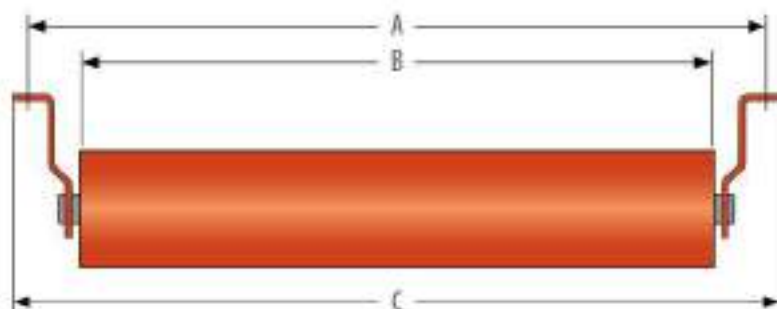


SELF-ALIGNING TROUGHING IDLERS: 6" AND 7" DIAMETER

PART NUMBER		BW	A	B		C	D		E	F		G	H	J	WT (#)	
6"	7"			6"	7"		6"	7"		6"	7"				6"	7"
ES-20EA-36	E7-20EA-36	36	45	11-1/16	11-9/16	12-3/4	42-5/8	42-1/4	52-15/16	15-11/16	16-5/16	47-1/2	9-1/2	12-3/2	259	279
ES-20EA-42	E7-20EA-42	42	51	11-1/16	11-9/16	14-3/4	48-3/8	48	58-1/4	16-1/2	17	53-1/2	9-1/2	12-5/2	284	296
ES-20EA-48	E7-20EA-48	48	57	11-1/16	11-9/16	17-1/2	56-5/16	55-15/16	66-5/8	17-7/16	17-15/16	59-1/2	9-1/2	12-1/2	316	338
ES-20EA-54	E7-20EA-54	54	63	11-1/16	11-9/16	19-1/2	61-1/16	61-11/16	72-3/8	18-1/8	18-5/8	65-1/2	9-1/2	12-3/2	341	357
ES-20EA-60	E7-20EA-60	60	69	11-1/16	11-9/16	21-1/2	67-13/16	67-7/16	78-3/16	18-11/16	19-5/16	71-1/2	9-1/2	12-3/2	366	383
ES-20EA-72	E7-20EA-72	72	81	12-1/16	12-9/16	25-1/2	79-5/16	79	89-11/16	21-3/16	21-11/16	83-1/2	9-1/2	12-1/2	417	436
ES-20EA-84	E7-20EA-84	84	93	12-1/16	12-9/16	29-1/2	98-13/16	98-1/2	101-1/16	22-9/16	23	95-1/2	12	15	495	537
ES-20EA-96	E7-20EA-96	96	105	12-1/16	12-9/16	33-1/2	102-3/8	102	112-11/16	23-15/16	24-3/8	107-1/2	12	15	548	573
ES-35EA-36	E7-35EA-36	36	45	11-1/16	11-9/16	12-3/4	36-3/4	36-3/16	49-7/8	18-15/16	19-5/8	47-1/2	9-1/2	12-3/2	261	272
ES-35EA-42	E7-35EA-42	42	51	11-1/16	11-9/16	14-3/4	42	41-7/16	55-1/8	20-1/16	20-1/2	53-1/2	9-1/2	12-1/2	286	299
ES-35EA-48	E7-35EA-48	48	57	11-1/16	11-9/16	17-1/2	49-1/4	48-11/16	62-3/8	21-5/8	22-1/16	59-1/2	9-1/2	12-1/2	318	332
ES-35EA-54	E7-35EA-54	54	63	11-1/16	11-9/16	19-1/2	54-9/16	54	67-5/8	22-13/16	23-3/16	65-1/2	9-1/2	12-1/2	343	359
ES-35EA-60	E7-35EA-60	60	69	11-1/16	11-9/16	21-1/2	59-13/16	58-1/4	72-15/16	23-15/16	24-3/8	71-1/2	9-1/2	12-3/2	369	386
ES-35EA-72	E7-35EA-72	72	81	12-1/16	12-9/16	25-1/2	70-3/8	69-13/16	83-1/2	27-1/8	27-5/8	83-1/2	9-1/2	12-1/2	419	439
ES-35EA-84	E7-35EA-84	84	93	12-1/16	12-9/16	29-1/2	88-15/16	88-3/8	94-1/16	29-1/2	29-15/16	95-1/2	12	15	498	520
ES-35EA-96	E7-35EA-96	96	105	12-1/16	12-9/16	33-1/2	91-1/2	90-15/16	104-9/16	31-13/16	32-1/4	107-1/2	12	15	552	577
ES-45EA-36	E7-45EA-36	36	45	11-1/16	11-9/16	12-3/4	33-5/16	32-5/8	47-1/8	20-5/8	21	47-1/2	9-1/2	12-1/2	259	270
ES-45EA-42	E7-45EA-42	42	51	11-1/16	11-9/16	14-3/4	37-1/16	37-7/16	51-15/16	22-3/16	22-3/8	53-1/2	9-1/2	12-1/2	284	286
ES-45EA-48	E7-45EA-48	48	57	11-1/16	11-9/16	17-1/2	44-13/16	44-1/16	58-9/16	24	24-5/16	59-1/2	9-1/2	12-1/2	315	330
ES-45EA-54	E7-45EA-54	54	63	11-1/16	11-9/16	19-1/2	49-5/8	48-15/16	63-7/16	25-3/8	25-3/4	65-1/2	9-1/2	12-1/2	340	354
ES-45EA-60	E7-45EA-60	60	69	11-1/16	11-9/16	21-1/2	54-7/16	53-3/4	68-1/4	26-13/16	27-3/16	71-1/2	9-1/2	12-1/2	365	382
ES-45EA-72	E7-45EA-72	72	81	12-1/16	12-9/16	25-1/2	64-1/8	63-3/8	77-7/8	30-1/16	31	83-1/2	9-1/2	12-1/2	435	435
ES-45EA-84	E7-45EA-84	84	93	12-1/16	12-9/16	29-1/2	73-3/4	73-1/16	87-9/16	33-1/2	33-13/16	95-1/2	12	15	493	515
ES-45EA-96	E7-45EA-96	96	105	12-1/16	12-9/16	33-1/2	83-7/16	82-11/16	97-3/16	36-5/16	36-11/16	107-1/2	12	15	546	571

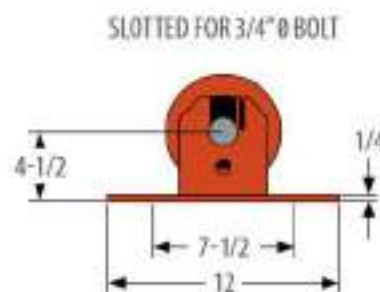
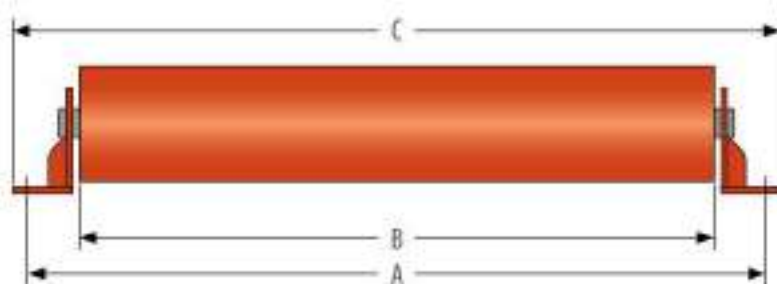
Add "TTM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

CEMA E IDLERS



RETURN IDLERS: 6" AND 7" DIAMETER

PART NUMBER		BW	A	B	C	WT (#)	
6"	7"					6"	7"
E6-RET-30	E7-RET-30	30	39	33	42	85	93
E6-RET-36	E7-RET-36	36	45	39	48	97	106
E6-RET-42	E7-RET-42	42	51	45	54	108	119
E6-RET-48	E7-RET-48	48	57	51	60	120	132
E6-RET-54	E7-RET-54	54	63	57	66	132	145
E6-RET-60	E7-RET-60	60	69	63	72	144	158
E6-RET-72	E7-RET-72	72	81	75	84	167	184
E6-RET-84	E7-RET-84	84	93	87	96	190	211
E6-RET-96	E7-RET-96	96	105	99	108	214	237



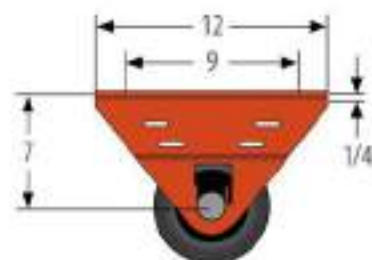
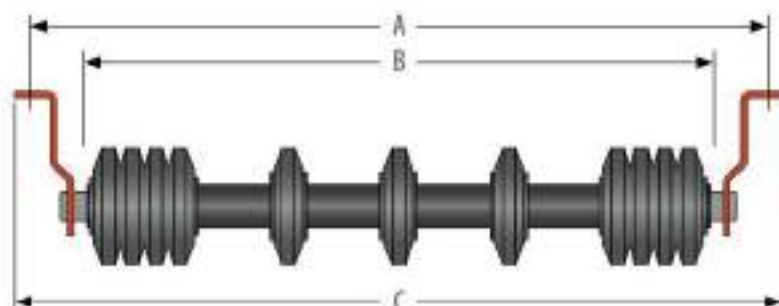
FLAT IDLERS: 6" AND 7" DIAMETER

PART NUMBER		BW	A	B	C	WT (#)	
6"	7"					6"	7"
E6-RET-30	E7-RET-30	30	39	33	41-1/2	86	95
E6-RET-36	E7-RET-36	36	45	39	47-1/2	98	108
E6-RET-42	E7-RET-42	42	51	45	53-1/2	110	121
E6-RET-48	E7-RET-48	48	57	51	59-1/2	122	134
E6-RET-54	E7-RET-54	54	63	57	65-1/2	133	147
E6-RET-60	E7-RET-60	60	69	63	71-1/2	145	160
E6-RET-72	E7-RET-72	72	81	75	83-1/2	168	186
E6-RET-84	E7-RET-84	84	93	87	95-1/2	192	212
E6-RET-96	E7-RET-96	96	105	99	107-1/2	215	238

Add "TTM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

Individual bracket weights are listed on "Return & Flat Brackets Styles" section. Brackets sold separately.

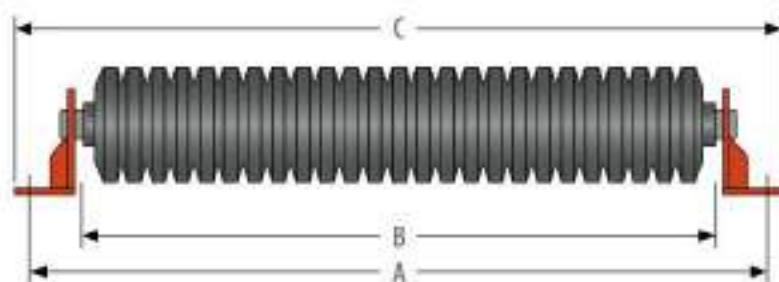
CEMA E IDLERS



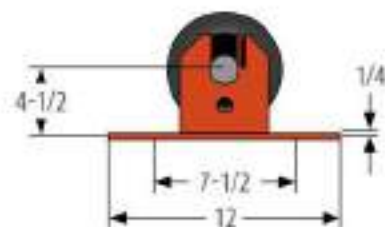
SLOTTED FOR 3/4" Ø BOLT

RUBBER CUSHION RETURN IDLERS: 6" AND 7" DIAMETER

PART NUMBER		BW	A	B	C	WT (#)	
6"	7"					6"	7"
E6-RET-36	E7-RET-36	36	45	39	48	87	93
E6-RET-42	E7-RET-42	42	51	45	54	97	104
E6-RET-48	E7-RET-48	48	57	51	60	108	115
E6-RET-54	E7-RET-54	54	63	57	66	117	124
E6-RET-60	E7-RET-60	60	69	63	72	127	135
E6-RET-72	E7-RET-72	72	81	75	84	147	155
E6-RET-84	E7-RET-84	84	93	87	96	169	179
E6-RET-96	E7-RET-96	96	105	99	108	187	197



SLOTTED FOR 3/4" Ø BOLT

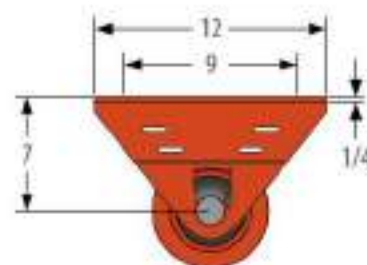
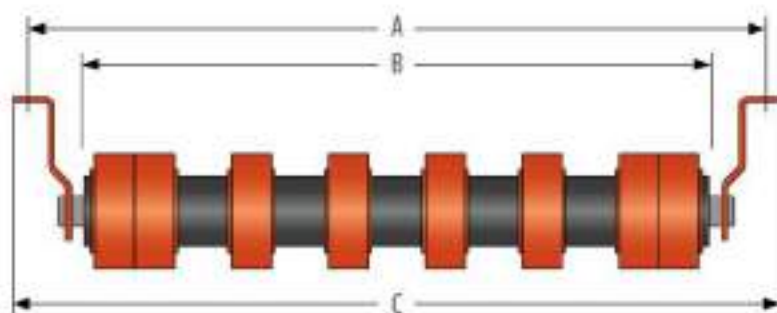


RUBBER CUSHION FLAT IDLERS: 6" AND 7" DIAMETER

PART NUMBER		BW	A	B	C	WT (#)	
6"	7"					6"	7"
E6-FLI-36	E7-FLI-36	36	45	39-3/8	47-1/2	96	108
E6-FLI-42	E7-FLI-42	42	51	45-3/8	53-1/2	107	122
E6-FLI-48	E7-FLI-48	48	57	51-3/8	59-1/2	119	135
E6-FLI-54	E7-FLI-54	54	63	57-3/8	65-1/2	132	150
E6-FLI-60	E7-FLI-60	60	69	63-3/8	71-1/2	144	164
E6-FLI-72	E7-FLI-72	72	81	75-3/8	83-1/2	167	191
E6-FLI-84	E7-FLI-84	84	93	87-3/8	95-1/2	191	218
E6-FLI-96	E7-FLI-96	96	105	99-3/8	107-1/2	214	245

Add "ITM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

CEMA E IDLERS



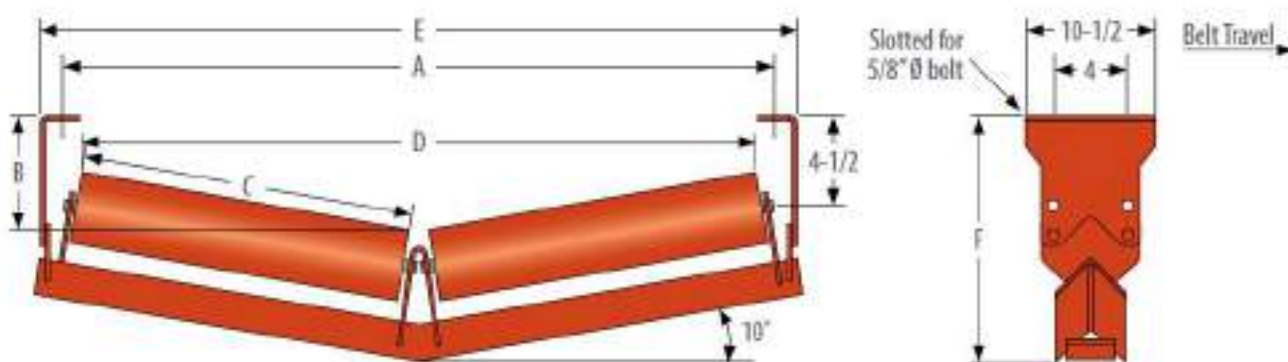
SLOTTED FOR 3/4" Ø BOLT

URATHON® RETURN ROLLS: 6" AND 7" DIAMETER

PART NUMBER		BW	A	B	C	WT (#)	
6"	7"					6"	7"
E6-RETU-36	E7-RETU-36	36	45	39 1/8	48	88	95
E6-RETU-42	E7-RETU-42	42	51	45 1/8	54	99	107
E6-RETU-48	E7-RETU-48	48	57	51 3/8	60	100	116
E6-RETU-54	E7-RETU-54	54	63	57 1/8	66	120	129
E6-RETU-60	E7-RETU-60	60	69	63 1/8	72	131	141
E6-RETU-72	E7-RETU-72	72	81	75 1/8	84	155	168
E6-RETU-84	E7-RETU-84	84	93	87 1/8	96	175	189
E6-RETU-96	E7-RETU-96	96	105	99 3/8	108	196	211

Add "TTM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

CEMA E IDLERS



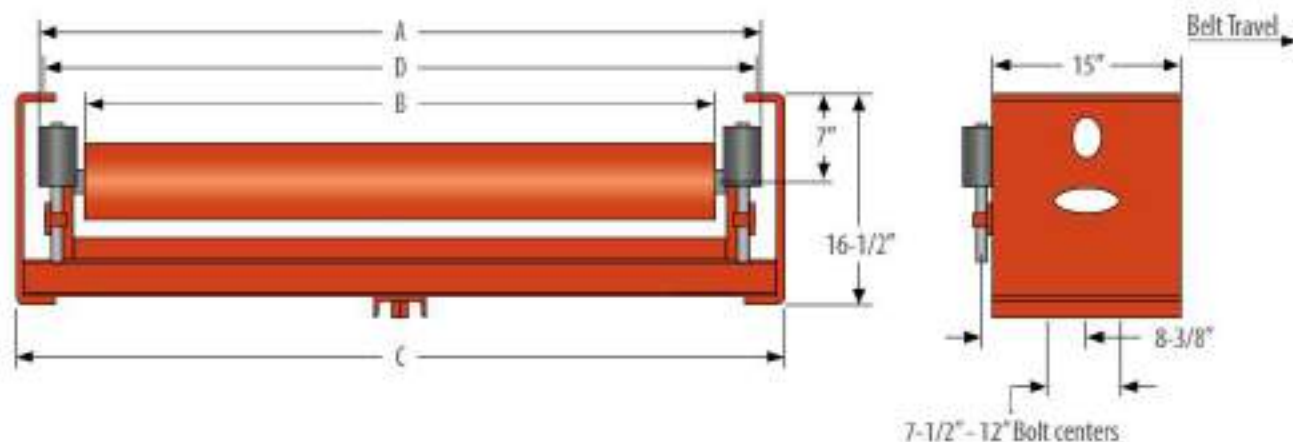
For wider base use next size larger belt width. Also available in 15°.

V-RETURN IDLERS: 6" AND 7" DIAMETER

PART NUMBER		BW	A	B		C	D		E	F	WT (#)	
6"	7"			6"	7"		6"	7"			6"	7"
ES-10RETV-36	E7-10RETV-36	36	45	7-3/4	7-1/4	20-1/2	42-3/4	42-9/16	48-1/2	16-5/16	200	211
ES-10RETV-42	E7-10RETV-42	42	51	8-1/4	7-3/4	23-1/2	48-3/4	48-9/16	54-1/2	18-11/16	221	233
ES-10RETV-48	E7-10RETV-48	48	57	8-13/16	8-5/16	26-1/2	54-3/4	54-9/16	60-1/2	17-3/8	242	255
ES-10RETV-54	E7-10RETV-54	54	63	9-5/16	8-13/16	29-1/2	60-3/4	60-9/16	66-1/2	17-7/8	262	277
ES-10RETV-60	E7-10RETV-60	60	69	9-15/16	9-7/16	33	66-3/4	66-9/16	72-1/2	18-7/16	285	301
ES-10RETV-72	E7-10RETV-72	72	81	10-15/16	10-7/16	39	78-3/4	78-9/16	84-1/2	19-1/2	326	345
ES-10RETV-84	E7-10RETV-84	84	93	12	11-1/2	45	90-11/16	90-9/16	96-1/2	20-9/16	368	389
ES-10RETV-96	E7-10RETV-96	96	105	13-1/16	12-0/16	51	102-3/4	102-9/16	108-1/2	21-9/16	409	433

Add "ITM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

CEMA E IDLERS

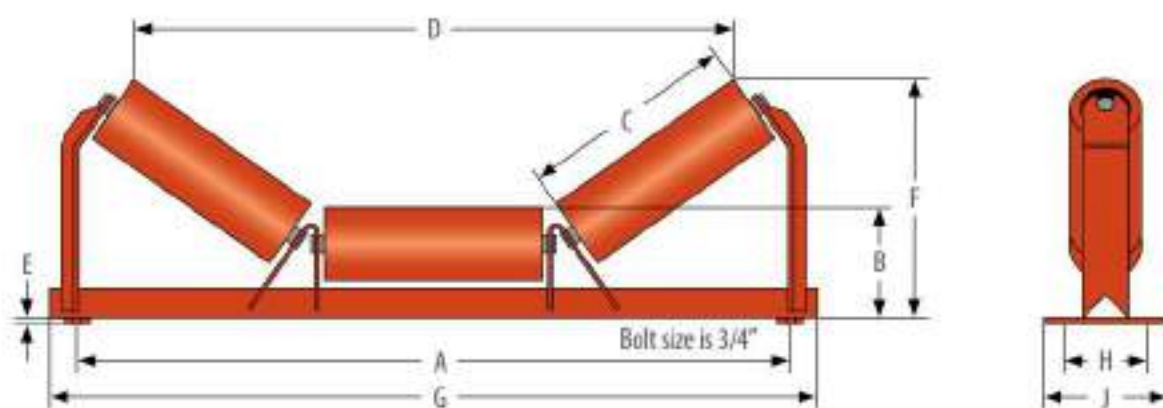


RETURN SELF-ALIGNER IDLERS: 6" AND 7" DIAMETER

PART NUMBER		BW	A	B	C	D	WT (#)	
6"	7"						6"	7"
E6-RETA-36	E7-RETA-36	36	45-1/2	39	48-1/2	45	285	294
E6-RETA-42	E7-RETA-42	42	51-1/2	45	54-1/2	51	308	319
E6-RETA-48	E7-RETA-48	48	57-1/2	51	60-1/2	57	331	343
E6-RETA-54	E7-RETA-54	54	63-1/2	57	66-1/2	63	355	368
E6-RETA-60	E7-RETA-60	60	69-1/2	63	72-1/2	69	377	392
E6-RETA-72	E7-RETA-72	72	81-1/2	75	84-1/2	81	423	440
E6-RETA-84	E7-RETA-84	84	93-1/2	87	96-1/2	93	469	489
E6-RETA-96	E7-RETA-96	96	105-1/2	99	108-1/2	105	515	538

Add "TTM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

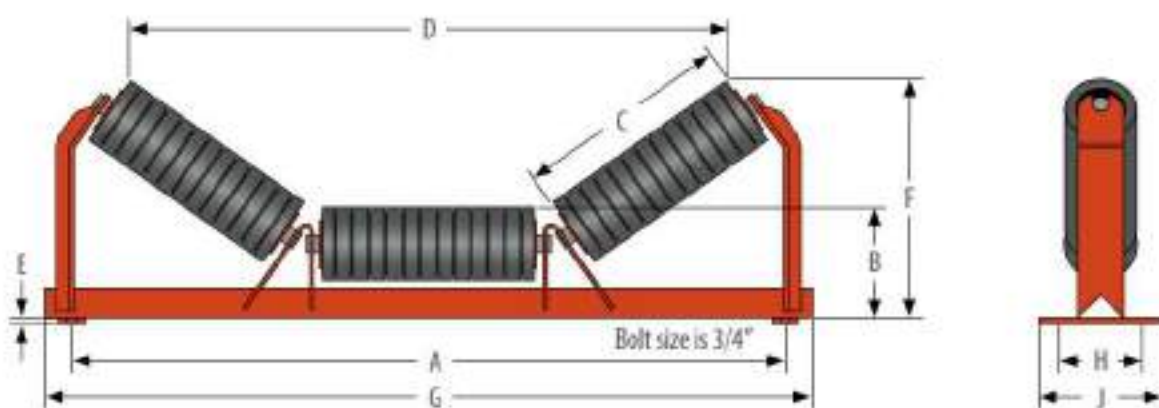
40DT IDLERS



TROUGHING IDLER (EQUAL LENGTH ROLLERS): 6" AND 7" DIAMETER

PART NUMBER		BW	A	B		C	D		E	F		G	H	J	WT (#)	
6"	7"			6"	7"		6"	7"		6"	7"				6"	7"
66-20E-36-40DT	67-20E-36-40DT	36	45	10-3/4	11-1/4	12-3/4	39-7/8	39-1/2	1/2	15-3/8	15-11/16	49	9-1/2	14	169	375
66-20E-42-40DT	67-20E-42-40DT	42	51	10-3/4	11-1/4	14-3/4	45-5/8	45-1/4	1/2	16-1/16	16-1/2	55	9-1/2	14	186	393
66-20E-48-40DT	67-20E-48-40DT	48	57	10-3/4	11-1/4	17-1/2	53-9/16	53-3/16	1/2	17	17-7/16	63	9-1/2	14	211	239
66-20E-54-40DT	67-20E-54-40DT	54	63	10-3/4	11-1/4	19-1/2	59-5/16	58-15/16	1/2	17-11/16	18-1/8	68-1/2	9-1/2	14	228	238
66-20E-60-40DT	67-20E-60-40DT	60	69	10-3/4	11-1/4	21-1/2	65-1/16	64-11/16	1/2	18-3/8	18-11/16	74-1/4	9-1/2	14	246	256
66-20E-72-40DT	67-20E-72-40DT	72	81	11-7/16	11-15/16	25-1/2	76-9/16	76-3/16	1/2	20-1/2	20-15/16	86	9-1/2	14	298	311
66-35E-36-40DT	67-35E-36-40DT	36	45	10-3/4	11-1/4	12-3/4	35-13/16	35-1/4	1/2	14-1/4	14-11/16	49	9-1/2	14	174	180
66-35E-42-40DT	67-35E-42-40DT	42	51	10-3/4	11-1/4	14-3/4	41-1/16	40-1/2	1/2	19-7/16	19-11/16	55	9-1/2	14	192	199
66-35E-48-40DT	67-35E-48-40DT	48	57	10-3/4	11-1/4	17-1/2	48-5/16	47-3/4	1/2	21	21-7/16	63	9-1/2	14	217	226
66-35E-54-40DT	67-35E-54-40DT	54	63	10-3/4	11-1/4	19-1/2	53-5/8	53-1/16	1/2	22-1/8	22-9/16	68-1/2	9-1/2	14	235	245
66-35E-60-40DT	67-35E-60-40DT	60	69	10-3/4	11-1/4	21-1/2	58-7/8	58-5/16	1/2	23-5/16	23-11/16	74-1/4	9-1/2	14	254	264
66-35E-72-40DT	67-35E-72-40DT	72	81	11-7/16	11-15/16	25-1/2	69-7/16	68-7/8	1/2	26-3/8	26-3/4	86	9-1/2	14	306	318
66-45E-36-40DT	67-45E-36-40DT	36	45	10-3/4	11-1/4	12-3/4	32-5/16	31-5/8	1/2	19-15/16	20-5/16	49	9-1/2	14	178	184
66-45E-42-40DT	67-45E-42-40DT	42	51	10-3/4	11-1/4	14-3/4	37-1/8	36-7/16	1/2	21-3/8	21-11/16	55	9-1/2	14	197	204
66-45E-48-40DT	67-45E-48-40DT	48	57	10-3/4	11-1/4	17-1/2	43-3/4	43-1/16	1/2	23-5/16	23-5/8	63	9-1/2	14	222	231
66-45E-54-40DT	67-45E-54-40DT	54	63	10-3/4	11-1/4	19-1/2	48-5/8	47-15/16	1/2	24-11/16	26-1/16	68-1/2	9-1/2	14	241	250
66-45E-60-40DT	67-45E-60-40DT	60	69	10-3/4	11-1/4	21-1/2	53-7/16	52-3/4	1/2	26-1/8	26-1/2	74-1/4	9-1/2	14	259	270
66-45E-72-40DT	67-45E-72-40DT	72	81	11-7/16	11-15/16	25-1/2	63-1/16	62-3/8	1/2	29-11/16	30-1/16	86	9-1/2	14	312	324

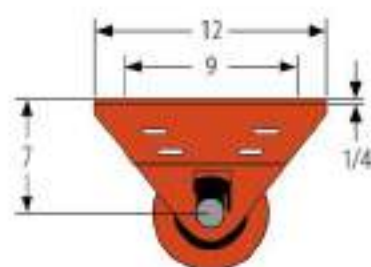
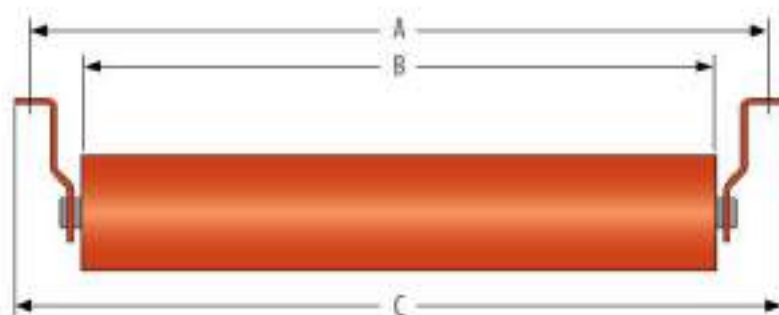
40DT IDLERS



RUBBER CUSHION IMPACT TROUGHING IDLERS: 6" AND 7" DIAMETER

	PART NUMBER		BW	A	B		C	D		E	F		G	H	J	WT (#)	
	6"	7"			6"	7"		6"	7"		6"	7"				6"	7"
20"	66-28E1-36-400T	E7-20E1-36-400T	36	45	18-3/4	11-1/4	13-1/8	37-3/4	37-1/8	1/2	15-1/16	15-1/2	49	9-1/2	14	173	187
	66-28E1-42-400T	E7-20E1-42-400T	42	51	18-3/4	11-1/4	15-1/8	43-1/2	41-1/8	1/2	15-3/4	16-3/16	55	9-1/2	14	191	207
	66-28E1-48-400T	E7-20E1-48-400T	48	57	18-3/4	11-1/4	17-7/8	51-7/16	51-1/16	1/2	16-11/16	17-1/8	63	9-1/2	14	216	235
	66-28E1-54-400T	E7-20E1-54-400T	54	63	18-3/4	11-1/4	19-7/8	57-3/16	56-7/8	1/2	17-3/16	17-13/16	68-1/2	9-1/2	14	234	255
	66-28E1-60-400T	E7-20E1-60-400T	60	69	18-3/4	11-1/4	21-7/8	62-15/16	62-9/16	1/2	18-1/16	18-1/2	74-1/4	9-1/2	14	252	276
	66-28E1-72-400T	E7-20E1-72-400T	72	81	11-7/16	11-15/16	25-7/8	74-7/16	74-1/8	1/2	20-3/16	20-5/8	86	9-1/2	14	305	333
35"	66-35E1-36-400T	E7-35E1-36-400T	36	45	18-3/4	11-1/4	13-1/8	33-7/8	33-5/16	1/2	17-3/4	18-1/16	49	9-1/2	14	178	192
	66-35E1-42-400T	E7-35E1-42-400T	42	51	18-3/4	11-1/4	15-1/8	39-3/16	38-9/16	1/2	18-15/16	19-3/16	55	9-1/2	14	197	213
	66-35E1-48-400T	E7-35E1-48-400T	48	57	18-3/4	11-1/4	17-7/8	46-7/16	45-1/8	1/2	20-1/2	20-7/8	63	9-1/2	14	222	242
	66-35E1-54-400T	E7-35E1-54-400T	54	63	18-3/4	11-1/4	19-7/8	54-15/16	51-1/8	1/2	21-1/2	22-1/16	68-1/2	9-1/2	14	241	262
	66-35E1-60-400T	E7-35E1-60-400T	60	69	18-3/4	11-1/4	21-7/8	56-15/16	56-3/8	1/2	22-13/16	23-1/16	74-1/4	9-1/2	14	259	285
	66-35E1-72-400T	E7-35E1-72-400T	72	81	11-7/16	11-15/16	25-7/8	67-1/2	66-15/16	1/2	25-13/16	26-1/4	86	9-1/2	14	312	340
45"	66-45E1-36-400T	E7-45E1-36-400T	36	45	18-3/4	11-1/4	13-1/8	30-5/8	29-7/8	1/2	19-1/4	19-5/8	49	9-1/2	14	182	196
	66-45E1-42-400T	E7-45E1-42-400T	42	51	18-3/4	11-1/4	15-1/8	35-7/16	34-11/16	1/2	20-11/16	21-1/16	55	9-1/2	14	201	218
	66-45E1-48-400T	E7-45E1-48-400T	48	57	18-3/4	11-1/4	17-7/8	42-1/16	41-3/8	1/2	22-5/8	23	63	9-1/2	14	227	247
	66-45E1-54-400T	E7-45E1-54-400T	54	63	18-3/4	11-1/4	19-7/8	45-15/16	46-3/16	1/2	24-1/16	24-7/16	68-1/2	9-1/2	14	246	268
	66-45E1-60-400T	E7-45E1-60-400T	60	69	18-3/4	11-1/4	21-7/8	51-11/16	51	1/2	25-7/16	25-13/16	74-1/4	9-1/2	14	265	289
	66-45E1-72-400T	E7-45E1-72-400T	72	81	11-7/16	11-15/16	25-7/8	67-3/8	66-11/16	1/2	29-1/16	29-3/8	86	9-1/2	14	318	347

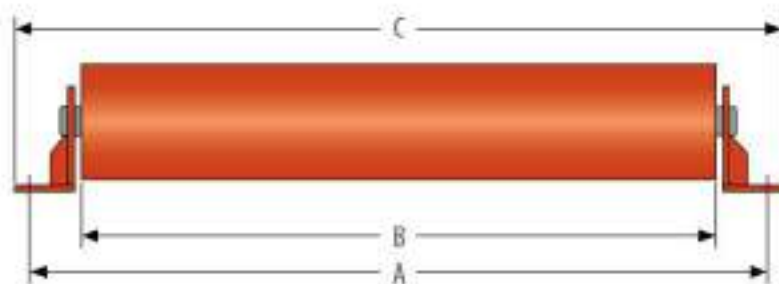
40DT IDLERS



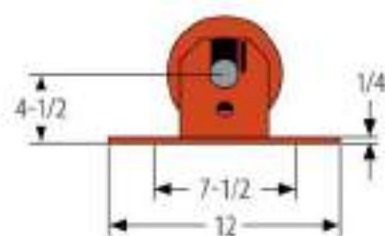
SLOTTED FOR 3/4" Ø BOLT

RETURN IDLERS: 6" AND 7" DIAMETER

PART NUMBER		BW	A	B	C	WT (#)	
6"	7"					6"	7"
E6-RET-36-40DT	E7-RET-36-40DT	36	45	39	48	97	106
E6-RET-42-40DT	E7-RET-42-40DT	42	51	45	54	108	119
E6-RET-48-40DT	E7-RET-48-40DT	48	57	51	60	120	132
E6-RET-54-40DT	E7-RET-54-40DT	54	63	57	66	132	145
E6-RET-60-40DT	E7-RET-60-40DT	60	69	63	72	144	158
E6-RET-72-40DT	E7-RET-72-40DT	72	81	75	84	167	184



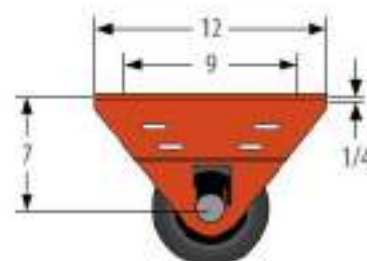
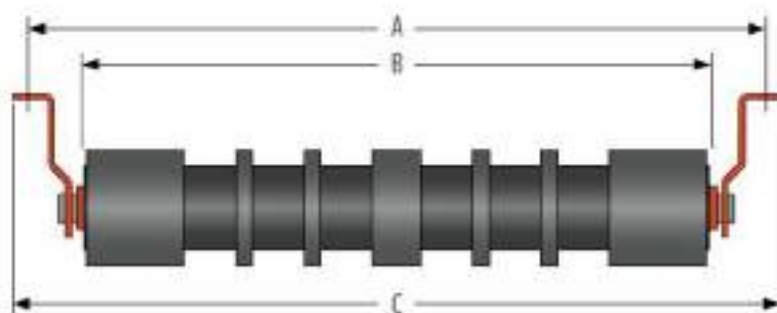
SLOTTED FOR 3/4" Ø BOLT



FLAT IDLERS: 6" AND 7" DIAMETER

PART NUMBER		BW	A	B	C	WT (#)	
6"	7"					6"	7"
E6-FLI-36-40DT	E7-FLI-36-40DT	36	45	39	47-1/2	96	108
E6-FLI-42-40DT	E7-FLI-42-40DT	42	51	45	53-1/2	110	121
E6-FLI-48-40DT	E7-FLI-48-40DT	48	57	51	59-1/2	122	134
E6-FLI-54-40DT	E7-FLI-54-40DT	54	63	57	65-1/2	133	147
E6-FLI-60-40DT	E7-FLI-60-40DT	60	69	63	71-1/2	145	160
E6-FLI-72-40DT	E7-FLI-72-40DT	72	81	75	83-1/2	168	186

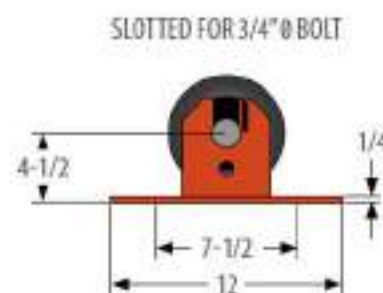
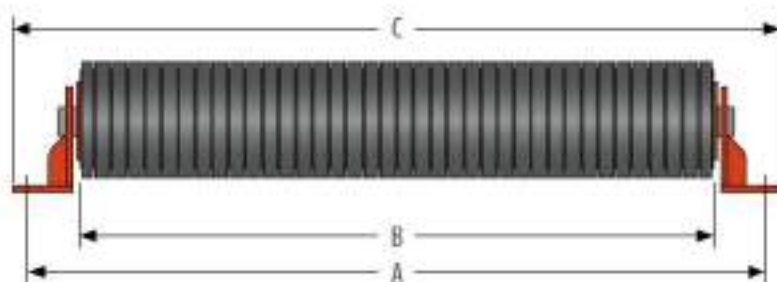
40DT IDLERS



SLOTTED FOR 3/4" Ø BOLT

RUBBER CUSHION RETURN IDLERS: 6" AND 7" DIAMETER

PART NUMBER		BW	A	B	C	WT (#)	
6"	7"					6"	7"
E6-RET-36-40DT	E7-RET-36-40DT	36	45	39	48	82	93
E6-RET-42-40DT	E7-RET-42-40DT	42	51	45	54	97	104
E6-RET-48-40DT	E7-RET-48-40DT	48	57	51	60	108	115
E6-RET-54-40DT	E7-RET-54-40DT	54	63	57	66	117	124
E6-RET-60-40DT	E7-RET-60-40DT	60	69	63	72	127	135
E6-RET-72-40DT	E7-RET-72-40DT	72	81	75	84	147	155

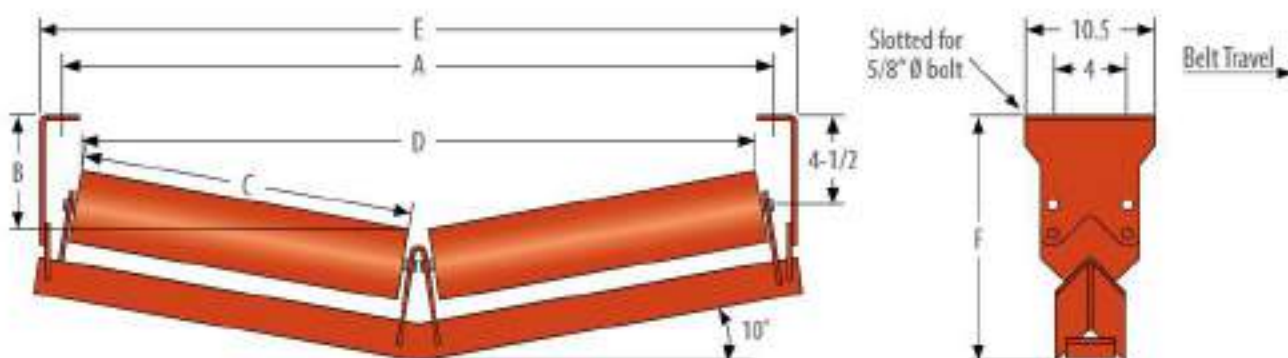


SLOTTED FOR 3/4" Ø BOLT

RUBBER CUSHION FLAT IDLERS: 6" AND 7" DIAMETER

PART NUMBER		BW	A	B	C	WT (#)	
6"	7"					6"	7"
E6-FLT-36-40DT	E7-FLT-36-40DT	36	45	39-3/8	47-1/2	96	108
E6-FLT-42-40DT	E7-FLT-42-40DT	42	51	45-3/8	53-1/2	107	122
E6-FLT-48-40DT	E7-FLT-48-40DT	48	57	51-3/8	59-1/2	119	135
E6-FLT-54-40DT	E7-FLT-54-40DT	54	63	57-3/8	65-1/2	132	150
E6-FLT-60-40DT	E7-FLT-60-40DT	60	69	63-3/8	71-1/2	144	164
E6-FLT-72-40DT	E7-FLT-72-40DT	72	81	75-3/8	83-1/2	167	191

40DT IDLERS

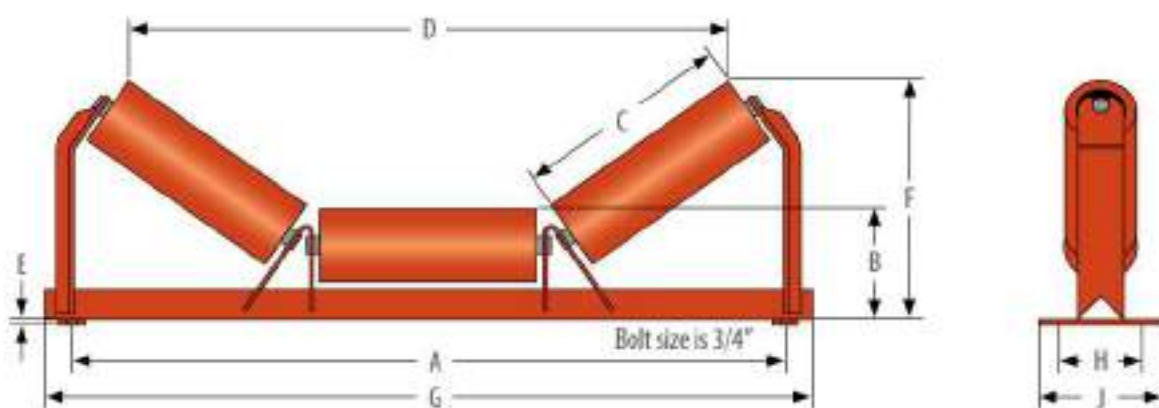


For wider base use next size larger belt width. Also available in 15°.

V-RETURN IDLERS: 6" AND 7" DIAMETER

PART NUMBER		BW	A	B		C	D		E	F	WT (lb)	
6"	7"			6"	7"		6"	7"			6"	7"
E6-10RETV-36-40DT	E7-10RETV-36-40DT	36	45	7-3/4	7-1/4	10-1/2	42-3/4	42-9/16	48-1/2	10-1/2	300	211
E6-10RETV-42-40DT	E7-10RETV-42-40DT	42	51	8-1/4	7-3/4	13-1/2	48-3/4	48-9/16	54-1/2	10-1/2	221	233
E6-10RETV-48-40DT	E7-10RETV-48-40DT	48	57	8-13/16	8-5/16	16-1/2	54-3/4	54-9/16	60-1/2	10-1/2	242	255
E6-10RETV-54-40DT	E7-10RETV-54-40DT	54	63	9-5/16	8-13/16	19-1/2	60-3/4	60-9/16	66-1/2	10-1/2	262	277
E6-10RETV-60-40DT	E7-10RETV-60-40DT	60	69	9-15/16	9-7/16	23	66-3/4	66-9/16	72-1/2	10-1/2	285	301
E6-10RETV-72-40DT	E7-10RETV-72-40DT	72	81	10-15/16	10-7/16	29	78-3/4	78-9/16	84-1/2	10-1/2	326	345
E6-10RETV-84-40DT	E7-10RETV-84-40DT	84	93	12	11-1/2	45	90-11/16	90-9/16	96-1/2	10-1/2	368	389
E6-10RETV-96-40DT	E7-10RETV-96-40DT	96	105	13-1/16	12-9/16	53	102-3/4	102-9/16	108-1/2	10-1/2	409	433

45DT IDLERS



TROUGHING IDLER (EQUAL LENGTH ROLLERS): 6" DIAMETER

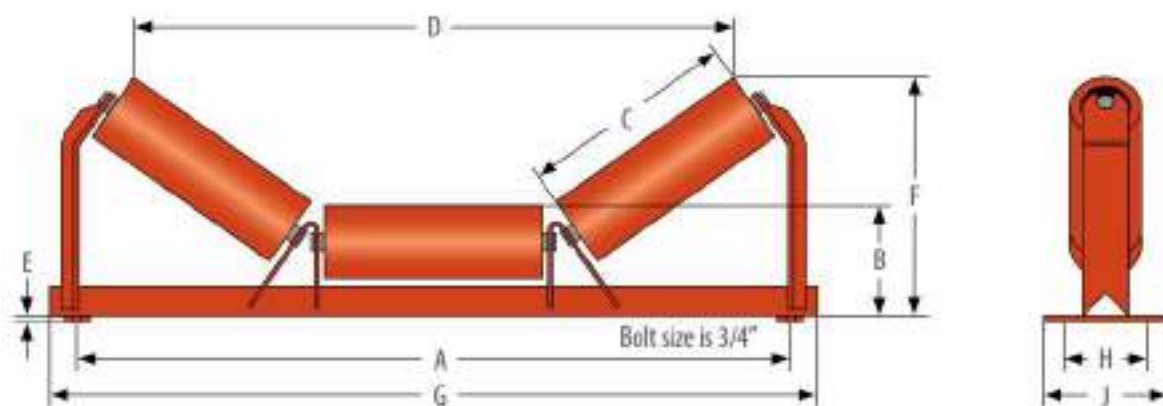
20°

35°

45°

PART NUMBER	BW	A	B	C	D	E	F	G	H	J	WT (#)
E6-20E-42-45DT	42	51	10-3/4	14-3/4	45-5/8	1/2	16	55	9-1/2	14	196
E6-20E-48-45DT	48	57	10-3/4	17-1/2	52-1/2	1/2	17	63	9-1/2	14	222
E6-20E-54-45DT	54	63	10-3/4	19-1/2	59-3/4	1/2	17-5/8	68-1/2	9-1/2	14	240
E6-20E-60-45DT	60	69	10-3/4	21-1/2	65-1/8	1/2	18-3/16	74-1/4	9-1/2	14	259
E6-20E-72-45DT	72	81	11-7/16	25-1/2	76-9/16	1/2	20-3/8	86	12	15	314
E6-20E-84-45DT	84	93	11-11/16	29-1/2	88-1/16	1/2	22-1/16	97-1/2	12	15	354
E6-20E-96-45DT	96	105	11-11/16	33-1/2	99-9/16	1/2	23-3/16	108	12	15	394
E6-20E-108-45DT	108	117	11-11/16	37-1/2	111-1/8	1/2	24-15/16	120-1/2	12	15	434
E6-35E-42-45DT	42	51	10-3/4	14-3/4	41-1/16	1/2	19-1/16	55	9-1/2	14	201
E6-35E-48-45DT	48	57	10-3/4	17-1/2	48-5/16	1/2	21	63	9-1/2	14	228
E6-35E-54-45DT	54	63	10-3/4	19-1/2	53-5/8	1/2	22-1/8	68-1/2	9-1/2	14	247
E6-35E-60-45DT	60	69	10-3/4	21-1/2	58-7/8	1/2	23-5/16	74-1/4	9-1/2	14	267
E6-35E-72-45DT	72	81	11-7/16	25-1/2	70-1/8	1/2	26-5/16	86	9-1/2	14	321
E6-35E-84-45DT	84	93	11-11/16	29-1/2	79-15/16	1/2	28-35/16	97-1/2	12	15	364
E6-35E-96-45DT	96	105	11-11/16	33-1/2	90-1/2	1/2	31-3/16	108	12	15	405
E6-35E-108-45DT	108	117	11-11/16	37-1/2	101-1/16	1/2	33-1/2	120-1/2	12	15	445
E6-45E-42-45DT	42	51	10-3/4	14-3/4	37-1/8	1/2	21-3/8	55	9-1/2	14	206
E6-45E-48-45DT	48	57	10-3/4	17-1/2	43-3/4	1/2	23-5/16	63	9-1/2	14	233
E6-45E-54-45DT	54	63	10-3/4	19-1/2	48-5/8	1/2	24-11/16	68-1/2	9-1/2	14	253
E6-45E-60-45DT	60	69	10-3/4	21-1/2	53-7/16	1/2	26-1/8	74-1/4	9-1/2	14	272
E6-45E-72-45DT	72	81	11-7/16	25-1/2	63-1/16	1/2	29-11/16	86	9-1/2	14	327
E6-45E-84-45DT	84	93	11-11/16	29-1/2	72-11/16	1/2	32-13/16	97-1/2	12	15	371
E6-45E-96-45DT	96	105	11-11/16	33-1/2	82-5/16	1/2	35-5/8	108	12	15	413
E6-45E-108-45DT	108	117	11-11/16	37-1/2	92	1/2	38-7/16	120-1/2	12	15	454

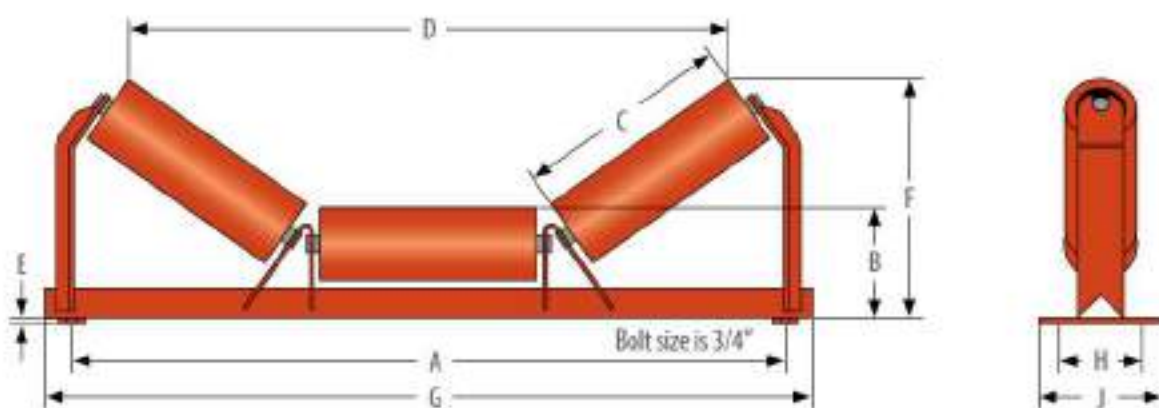
45DT IDLERS



TROUGHING IDLER (EQUAL LENGTH ROLLERS): 7" DIAMETER

	PART NUMBER	BW	A	B	C	D	E	F	G	H	J	WT (#)
20°	E7-20E-42-45DT	42	51	11-1/4	14-3/4	45-1/4	1/2	36-1/2	55	9-1/2	14	203
	E7-20E-46-45DT	46	57	11-1/4	17-1/2	55-5/16	1/2	17-7/16	63	9-1/2	14	231
	E7-20E-54-45DT	54	63	11-1/4	19-1/2	58-15/16	1/2	18-1/8	68-1/2	9-1/2	14	250
	E7-20E-60-45DT	60	69	11-1/4	21-1/2	64-11/16	1/2	18-11/16	74-3/4	9-1/2	14	270
	E7-20E-72-45DT	72	81	11-15/16	25-1/2	76-1/4	1/2	20-7/8	86	9-1/2	14	327
	E7-20E-84-45DT	84	93	12-5/16	29-1/2	87-3/4	1/2	22-9/16	97-1/2	12	15	369
	E7-20E-96-45DT	96	105	12-3/16	33-1/2	99-1/4	1/2	23-15/16	109	12	15	411
	E7-20E-108-45DT	108	117	12-5/16	37-1/2	100-3/4	1/2	25-5/16	120-1/2	12	15	453
35°	E7-35E-42-45DT	42	51	11-1/4	14-3/4	40-1/2	1/2	19-11/16	55	9-1/2	14	209
	E7-35E-46-45DT	46	57	11-1/4	17-1/2	47-3/4	1/2	21-7/16	63	9-1/2	14	237
	E7-35E-54-45DT	54	63	11-1/4	19-1/2	53-1/16	1/2	22-9/16	68-1/2	9-1/2	14	257
	E7-35E-60-45DT	60	69	11-1/4	21-1/2	58-5/16	1/2	23-11/16	74-3/4	9-1/2	14	278
	E7-35E-72-45DT	72	81	11-15/16	25-1/2	68-7/8	1/2	25-3/4	86	9-1/2	14	334
	E7-35E-84-45DT	84	93	12-3/16	29-1/2	79-7/16	1/2	29-5/16	97-1/2	12	15	379
	E7-35E-96-45DT	96	105	12-3/16	33-1/2	89-15/16	1/2	31-9/16	109	12	15	423
	E7-35E-108-45DT	108	117	12-5/16	37-1/2	100-1/2	1/2	33-3/4	120-1/2	12	15	465
45°	E7-45E-42-45DT	42	51	11-1/4	14-3/4	36-7/16	1/2	21-11/16	55	9-1/2	14	213
	E7-45E-46-45DT	46	57	11-1/4	17-1/2	45-5/16	1/2	23-3/8	63	9-1/2	14	242
	E7-45E-54-45DT	54	63	11-1/4	19-1/2	47-15/16	1/2	26-1/16	68-1/2	9-1/2	14	263
	E7-45E-60-45DT	60	69	11-1/4	21-1/2	52-3/4	1/2	26-1/2	74-3/4	9-1/2	14	283
	E7-45E-72-45DT	72	81	11-15/16	25-1/2	62-3/8	1/2	30-1/16	86	9-1/2	14	340
	E7-45E-84-45DT	84	93	12-3/16	29-1/2	72-5/16	1/2	33-1/8	97-1/2	12	15	386
	E7-45E-96-45DT	96	105	12-3/16	33-1/2	81-3/4	1/2	35-15/16	109	12	15	430
	E7-45E-108-45DT	108	117	12-5/16	37-1/2	92-5/16	1/2	38-1/4	120-1/2	12	15	473

45DT IDLERS



TROUGHING IDLER (EQUAL LENGTH ROLLERS): 7.5" DIAMETER

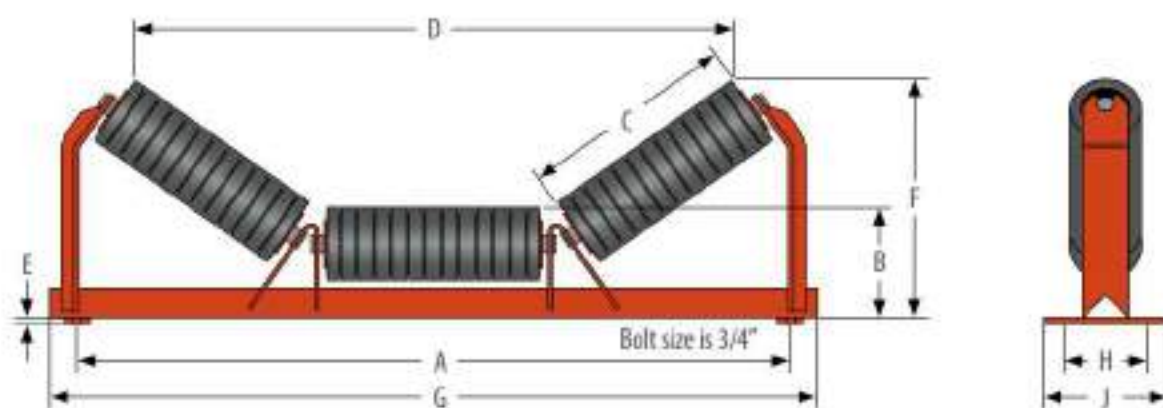
20"

35"

45"

PART NUMBER	BW	A	B	C	D	E	F	G	H	J	WT (#)
E7.5-20E-42-45DT	42	51	11-1/2	14-3/4	45-1/16	1/2	16-3/4	55	9-1/2	14	207
E7.5-20E-48-45DT	48	57	11-1/2	17-1/2	53	1/2	17-5/8	63	9-1/2	14	235
E7.5-20E-54-45DT	54	63	11-1/2	19-1/2	58-3/4	1/2	18-5/8	68-1/2	9-1/2	14	255
E7.5-20E-60-45DT	60	69	11-1/2	21-1/2	60-1/2	1/2	19-1/16	74-1/4	9-1/2	14	275
E7.5-20E-72-45DT	72	81	12-3/16	25-1/2	76-1/16	1/2	21-3/8	86	9-1/2	14	333
E7.5-20E-84-45DT	84	93	12-7/16	29-1/2	87-9/16	1/2	22-13/16	97-1/2	12	15	376
E7.5-20E-96-45DT	96	105	12-7/16	33-1/2	99-1/16	1/2	24-3/16	109	12	15	419
E7.5-20E-108-45DT	108	117	12-7/16	37-1/2	110-9/16	1/2	25-9/16	120-1/2	12	15	462
E7.5-35E-42-45DT	42	51	11-1/2	14-3/4	40-1/4	1/2	20	55	9-1/2	14	212
E7.5-35E-48-45DT	48	57	11-1/2	17-1/2	47-1/2	1/2	21-5/8	63	9-1/2	14	241
E7.5-35E-54-45DT	54	63	11-1/2	19-1/2	52-13/16	1/2	22-3/4	68-1/2	9-1/2	14	262
E7.5-35E-60-45DT	60	69	11-1/2	21-1/2	58-1/16	1/2	23-7/8	74-1/4	9-1/2	14	283
E7.5-35E-72-45DT	72	81	12-3/16	25-1/2	68-5/8	1/2	26-15/16	86	9-1/2	14	340
E7.5-35E-84-45DT	84	93	12-7/16	29-1/2	79-3/16	1/2	29-5/8	97-1/2	12	15	386
E7.5-35E-96-45DT	96	105	12-7/16	33-1/2	89-11/16	1/2	31-3/4	109	12	15	430
E7.5-35E-108-45DT	108	117	12-7/16	37-1/2	100-1/4	1/2	33-15/16	120-1/2	12	15	474
E7.5-45E-42-45DT	42	51	11-1/2	14-3/4	36-1/4	1/2	21-3/4	55	9-1/2	14	217
E7.5-45E-48-45DT	48	57	11-1/2	17-1/2	42-7/8	1/2	23-13/16	63	9-1/2	14	246
E7.5-45E-54-45DT	54	63	11-1/2	19-1/2	47-3/4	1/2	26-1/4	68-1/2	9-1/2	14	267
E7.5-45E-60-45DT	60	69	11-1/2	21-1/2	52-9/16	1/2	26-11/16	74-1/4	9-1/2	14	288
E7.5-45E-72-45DT	72	81	12-3/16	25-1/2	62-3/16	1/2	30-1/4	86	9-1/2	14	347
E7.5-45E-84-45DT	84	93	12-7/16	29-1/2	71-7/8	1/2	33-7/16	97-1/2	12	15	393
E7.5-45E-96-45DT	96	105	12-7/16	33-1/2	81-9/16	1/2	36-1/8	109	12	15	438
E7.5-45E-108-45DT	108	117	12-7/16	37-1/2	92-1/8	1/2	40-65/16	120-1/2	12	15	482

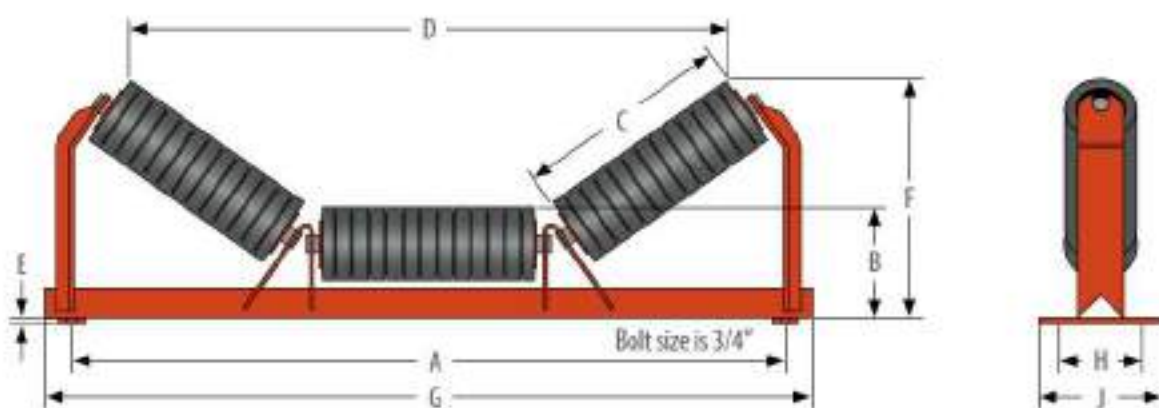
45DT IDLERS



RUBBER CUSHION IMPACT TROUGHING IDLERS: 6" DIAMETER

	PART NUMBER	BW	A	B	C	D	E	F	G	H	J	WT (#)
20°	E6-20D-42-45DT	42	51	18-3/4	14-3/4	45-5/8	1/2	16	55	9-1/2	14	193
	E6-20D-48-45DT	48	57	18-3/4	17-1/2	53-1/2	1/2	17	63	9-1/2	14	218
	E6-20D-54-45DT	54	63	18-3/4	19-1/2	59-1/4	1/2	17-3/8	68-1/2	9-1/2	14	236
	E6-20D-60-45DT	60	69	18-3/4	21-1/2	65-1/16	1/2	18-5/16	74-1/4	9-1/2	14	254
	E6-20D-72-45DT	72	81	11-7/16	25-1/2	76-9/16	1/2	20-1/8	86	9-1/2	14	307
	E6-20D-84-45DT	84	93	11-11/16	29-1/2	88-1/16	1/2	22-1/16	97-1/2	12	15	346
	E6-20D-96-45DT	96	105	11-11/16	33-1/2	99-9/16	1/2	23-7/16	109	12	15	385
	E6-20D-108-45DT	108	117	11-11/16	37-1/2	111-1/8	1/2	24-11/16	129-1/2	12	15	423
35°	E6-35D-42-45DT	42	51	18-3/4	14-3/4	41-1/16	1/2	19-7/16	55	9-1/2	14	198
	E6-35D-48-45DT	48	57	18-3/4	17-1/2	48-5/16	1/2	21	63	9-1/2	14	224
	E6-35D-54-45DT	54	63	18-3/4	19-1/2	53-5/8	1/2	22-1/8	68-1/2	9-1/2	14	243
	E6-35D-60-45DT	60	69	18-3/4	21-1/2	58-7/8	1/2	23-5/16	74-1/4	9-1/2	14	261
	E6-35D-72-45DT	72	81	11-7/16	25-1/2	70-1/8	1/2	26-5/16	86	9-1/2	14	314
	E6-35D-84-45DT	84	93	11-11/16	29-1/2	79-15/16	1/2	28-15/16	97-1/2	12	15	356
	E6-35D-96-45DT	96	105	11-11/16	33-1/2	90-1/2	1/2	31-3/16	109	12	15	395
	E6-35D-108-45DT	108	117	11-11/16	37-1/2	101-1/16	1/2	33-1/2	129-1/2	12	15	435
45°	E6-45D-42-45DT	42	51	18-3/4	14-3/4	37-1/8	1/2	21-3/8	55	9-1/2	14	203
	E6-45D-48-45DT	48	57	18-3/4	17-1/2	43-3/4	1/2	23-5/16	63	9-1/2	14	229
	E6-45D-54-45DT	54	63	18-3/4	19-1/2	48-5/8	1/2	24-11/16	68-1/2	9-1/2	14	248
	E6-45D-60-45DT	60	69	18-3/4	21-1/2	53-7/16	1/2	26-1/8	74-1/4	9-1/2	14	267
	E6-45D-72-45DT	72	81	11-7/16	25-1/2	63-1/16	1/2	29-11/16	86	9-1/2	14	321
	E6-45D-84-45DT	84	93	11-11/16	29-1/2	72-11/16	1/2	32-13/16	97-1/2	12	15	363
	E6-45D-96-45DT	96	105	11-11/16	33-1/2	82-5/16	1/2	33-5/8	109	12	15	403
	E6-45D-108-45DT	108	117	11-11/16	37-1/2	92	1/2	36-7/16	129-1/2	12	15	443

45DT IDLERS



RUBBER CUSHION IMPACT TROUGHING IDLERS: 7" DIAMETER

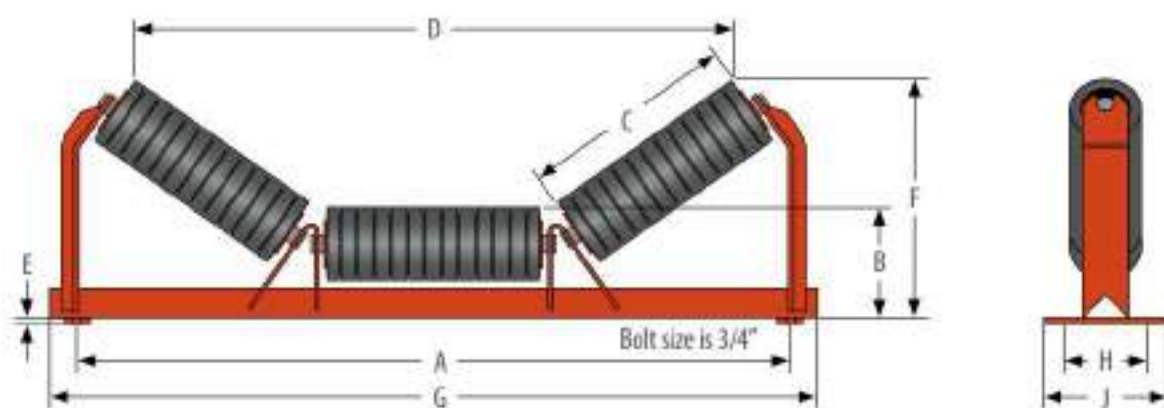
20"

35"

45"

PART NUMBER	BW	A	B	C	D	E	F	G	H	J	WT (#)
E7-200-42-45DT	42	51	11-1/4	14-3/4	45-1/4	1/2	16-1/2	55	9-1/2	14	309
E7-200-48-45DT	48	57	11-1/4	17-1/2	53-3/4	1/2	17-7/16	63	9-1/2	14	337
E7-200-54-45DT	54	63	11-1/4	19-1/2	58-15/16	1/2	18-1/8	68-1/2	9-1/2	14	257
E7-200-60-45DT	60	69	11-1/4	21-1/2	66-11/16	1/2	18-15/16	74-1/4	9-1/2	14	270
E7-200-72-45DT	72	81	11-15/16	25-1/2	76-1/4	1/2	20-7/8	86	9-1/2	14	335
E7-200-84-45DT	84	93	12-3/16	29-1/2	87-3/4	1/2	22-9/16	97-1/2	12	15	329
E7-200-96-45DT	96	105	12-3/16	33-1/2	99-1/4	1/2	23-15/16	109	12	15	422
E7-200-108-45DT	108	117	12-3/16	37-1/2	110-3/4	1/2	25-5/16	120-1/2	12	15	465
E7-350-42-45DT	42	51	11-1/4	14-3/4	40-1/2	1/2	19-13/16	55	9-1/2	14	215
E7-350-48-45DT	48	57	11-1/4	17-1/2	47-3/4	1/2	21-3/16	63	9-1/2	14	244
E7-350-54-45DT	54	63	11-1/4	19-1/2	53-1/16	1/2	22-9/16	68-1/2	9-1/2	14	264
E7-350-60-45DT	60	69	11-1/4	21-1/2	58-5/16	1/2	23-11/16	74-1/4	9-1/2	14	285
E7-350-72-45DT	72	81	11-15/16	25-1/2	68-7/8	1/2	26-3/4	86	9-1/2	14	342
E7-350-84-45DT	84	93	12-3/16	29-1/2	79-7/16	1/2	29-5/16	97-1/2	12	15	388
E7-350-96-45DT	96	105	12-3/16	33-1/2	89-15/16	1/2	31-9/16	109	12	15	432
E7-350-108-45DT	108	117	12-3/16	37-1/2	100-1/2	1/2	33-3/4	120-1/2	12	15	476
E7-450-42-45DT	42	51	11-1/4	14-3/4	36-7/16	1/2	21-11/16	55	9-1/2	14	219
E7-450-48-45DT	48	57	11-1/4	17-1/2	43-1/16	1/2	23-5/8	63	9-1/2	14	249
E7-450-54-45DT	54	63	11-1/4	19-1/2	47-15/16	1/2	26-1/16	68-1/2	9-1/2	14	270
E7-450-60-45DT	60	69	11-1/4	21-1/2	52-3/4	1/2	26-1/2	74-1/4	9-1/2	14	291
E7-450-72-45DT	72	81	11-15/16	25-1/2	62-3/8	1/2	30-1/16	86	9-1/2	14	349
E7-450-84-45DT	84	93	12-3/16	29-1/2	72-1/16	1/2	33-1/8	97-1/2	12	15	396
E7-450-96-45DT	96	105	12-3/16	33-1/2	81-3/4	1/2	35-15/16	109	12	15	441
E7-450-108-45DT	108	117	12-3/16	37-1/2	92-5/16	1/2	38-3/4	120-1/2	12	15	485

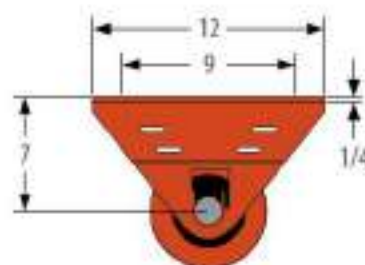
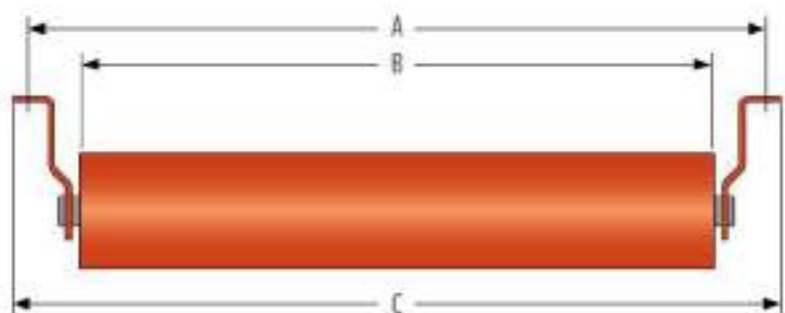
45DT IDLERS



RUBBER CUSHION IMPACT TROUGHING IDLERS: 7.5" DIAMETER

	PART NUMBER	BW	A	B	C	D	E	F	G	H	J	WT (#)
20°	E7.5-2001-42-45DT	42	51	11-1/2	14-3/4	40-1/16	1/2	16-1/4	55	9-1/2	14	218
	E7.5-2001-48-45DT	48	57	11-1/2	17-1/2	53	1/2	17-5/8	63	9-1/2	14	248
	E7.5-2001-54-45DT	54	63	11-1/2	19-1/2	56-3/4	1/2	18-3/8	68-1/2	9-1/2	14	270
	E7.5-2001-60-45DT	60	69	11-1/2	21-1/2	64-1/2	1/2	19-1/16	74-1/4	9-1/2	14	291
	E7.5-2001-72-45DT	72	81	12-3/16	25-1/2	76-1/16	1/2	21-3/8	86	9-1/2	14	351
	E7.5-2001-84-45DT	84	88	12-7/16	29-1/2	87-9/16	1/2	22-11/16	97-1/2	12	15	398
	E7.5-2001-96-45DT	96	100	12-7/16	33-1/2	99-1/16	1/2	24-3/16	109	12	15	443
	E7.5-2001-108-45DT	108	117	12-7/16	37-1/2	110-9/16	1/2	25-9/16	129-1/2	12	15	488
35°	E7.5-3501-42-45DT	42	51	11-1/2	14-3/4	40-1/4	1/2	20	52	9-1/2	14	224
	E7.5-3501-48-45DT	48	57	11-1/2	17-1/2	47-1/2	1/2	21-1/8	63	9-1/2	14	255
	E7.5-3501-54-45DT	54	63	11-1/2	19-1/2	52-13/16	1/2	22-3/4	68-1/2	9-1/2	14	277
	E7.5-3501-60-45DT	60	69	11-1/2	21-1/2	58-1/16	1/2	23-7/8	74-1/4	9-1/2	14	299
	E7.5-3501-72-45DT	72	81	12-3/16	25-1/2	68-5/8	1/2	26-15/16	86	9-1/2	14	358
	E7.5-3501-84-45DT	84	88	12-7/16	29-1/2	79-3/16	1/2	29-1/8	97-1/2	12	15	407
	E7.5-3501-96-45DT	96	100	12-7/16	33-1/2	89-11/16	1/2	31-3/4	109	12	15	463
	E7.5-3501-108-45DT	108	117	12-7/16	37-1/2	100-1/4	1/2	33-15/16	129-1/2	12	15	500
45°	E7.5-4001-42-45DT	42	51	11-1/2	14-3/4	36-1/4	1/2	21-3/4	52	9-1/2	14	229
	E7.5-4001-48-45DT	48	57	11-1/2	17-1/2	42-7/8	1/2	23-11/16	63	9-1/2	14	260
	E7.5-4001-54-45DT	54	63	11-1/2	19-1/2	47-3/8	1/2	24-1/4	68-1/2	9-1/2	14	282
	E7.5-4001-60-45DT	60	69	11-1/2	21-1/2	52-9/16	1/2	26-11/16	74-1/4	9-1/2	14	305
	E7.5-4001-72-45DT	72	81	12-3/16	25-1/2	62-1/16	1/2	30-1/4	86	9-1/2	14	365
	E7.5-4001-84-45DT	84	88	12-7/16	29-1/2	71-7/8	1/2	33-7/16	97-1/2	12	15	415
	E7.5-4001-96-45DT	96	100	12-7/16	33-1/2	81-9/16	1/2	36-1/8	109	12	15	462
	E7.5-4001-108-45DT	108	117	12-7/16	37-1/2	92-1/8	1/2	38-15/16	129-1/2	12	15	509

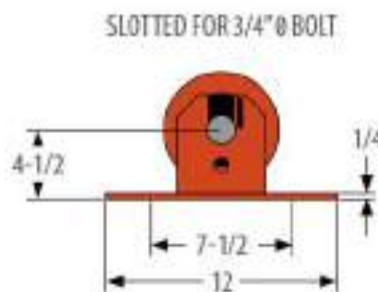
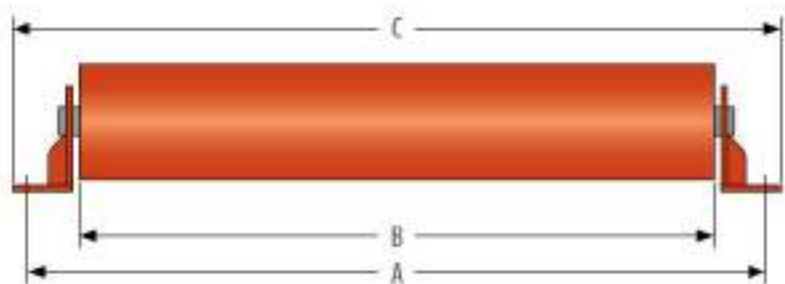
45DT IDLERS



SLOTTED FOR 3/4" Ø BOLT

RETURN IDLERS: 6", 7" AND 7.5" DIAMETER

PART NUMBER			BW	A	B	C	WT (#)		
6"	7"	7.5"					6"	7"	7.5"
E6-RET-42-45DT	E7-RET-42-45DT	E7.5-RET-42-45DT	42	51	45	54	122	135	141
E6-RET-48-45DT	E7-RET-48-45DT	E7.5-RET-48-45DT	48	57	51	60	135	150	157
E6-RET-54-45DT	E7-RET-54-45DT	E7.5-RET-54-45DT	54	63	57	66	149	165	173
E6-RET-60-45DT	E7-RET-60-45DT	E7.5-RET-60-45DT	60	69	63	72	162	179	188
E6-RET-72-45DT	E7-RET-72-45DT	E7.5-RET-72-45DT	72	81	75	84	188	209	219
E6-RET-84-45DT	E7-RET-84-45DT	E7.5-RET-84-45DT	84	93	87	96	215	238	250
E6-RET-96-45DT	E7-RET-96-45DT	E7.5-RET-96-45DT	96	105	99	108	243	268	281
E6-RET-108-45DT	E7-RET-108-45DT	E7.5-RET-108-45DT	108	117	111	119	267	298	312

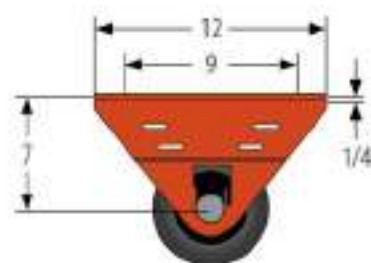
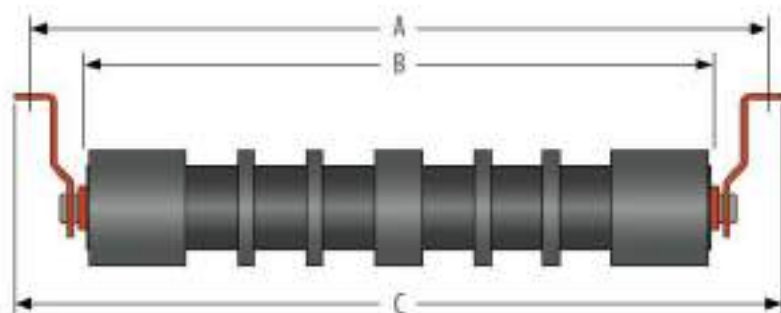


SLOTTED FOR 3/4" Ø BOLT

FLAT IDLERS: 6", 7" AND 7.5" DIAMETER

PART NUMBER			BW	A	B	C	WT (#)		
6"	7"	7.5"					6"	7"	7.5"
E6-FLT-42-45DT	E7-FLT-42-45DT	E7.5-FLT-42-45DT	42	51	45	53-1/2	122	135	141
E6-FLT-48-45DT	E7-FLT-48-45DT	E7.5-FLT-48-45DT	48	57	51	59-1/2	135	150	157
E6-FLT-54-45DT	E7-FLT-54-45DT	E7.5-FLT-54-45DT	54	63	57	65-1/2	149	165	173
E6-FLT-60-45DT	E7-FLT-60-45DT	E7.5-FLT-60-45DT	60	69	63	71-1/2	162	179	188
E6-FLT-72-45DT	E7-FLT-72-45DT	E7.5-FLT-72-45DT	72	81	75	83-1/2	188	209	219
E6-FLT-84-45DT	E7-FLT-84-45DT	E7.5-FLT-84-45DT	84	93	87	95-1/2	215	238	250
E6-FLT-96-45DT	E7-FLT-96-45DT	E7.5-FLT-96-45DT	96	105	99	107-1/2	243	268	281
E6-FLT-108-45DT	E7-FLT-108-45DT	E7.5-FLT-108-45DT	108	117	111	119-1/2	267	298	312

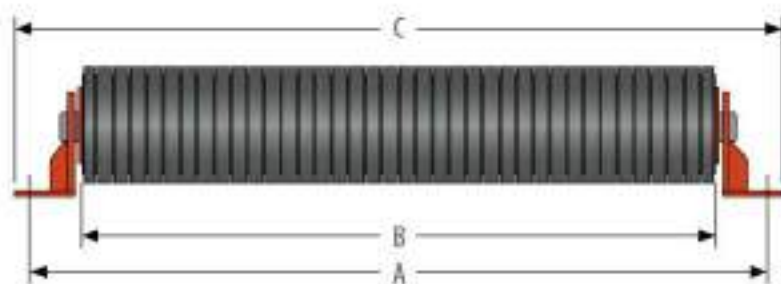
45DT IDLERS



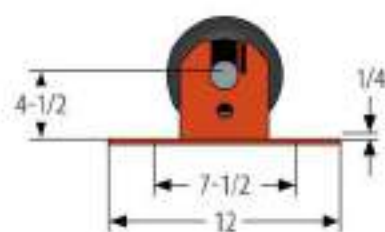
SLOTTED FOR 3/4" Ø BOLT

RUBBER CUSHION RETURN IDLERS: 6" AND 7" DIAMETER

PART NUMBER			BW	A	B	C	WT (#)		
6"	7"	7.5"					6"	7"	7.5"
66-RET-42-45DT	E7-RET-42-45DT	E7.5-RET-42-45DT	42	51	45-3/8	54	111	117	120
66-RET-48-45DT	E7-RET-48-45DT	E7.5-RET-48-45DT	48	57	51-3/8	60	123	129	132
66-RET-54-45DT	E7-RET-54-45DT	E7.5-RET-54-45DT	54	63	57-3/8	66	134	139	142
66-RET-60-45DT	E7-RET-60-45DT	E7.5-RET-60-45DT	60	69	63-3/8	72	146	152	154
66-RET-72-45DT	E7-RET-72-45DT	E7.5-RET-72-45DT	72	81	75-3/8	84	168	174	177
66-RET-84-45DT	E7-RET-84-45DT	E7.5-RET-84-45DT	84	93	87-3/8	96	192	198	201
66-RET-96-45DT	E7-RET-96-45DT	E7.5-RET-96-45DT	96	105	99-3/8	108	214	221	224
66-RET-108-45DT	E7-RET-108-45DT	E7.5-RET-108-45DT	108	117	111-3/8	119	236	244	247



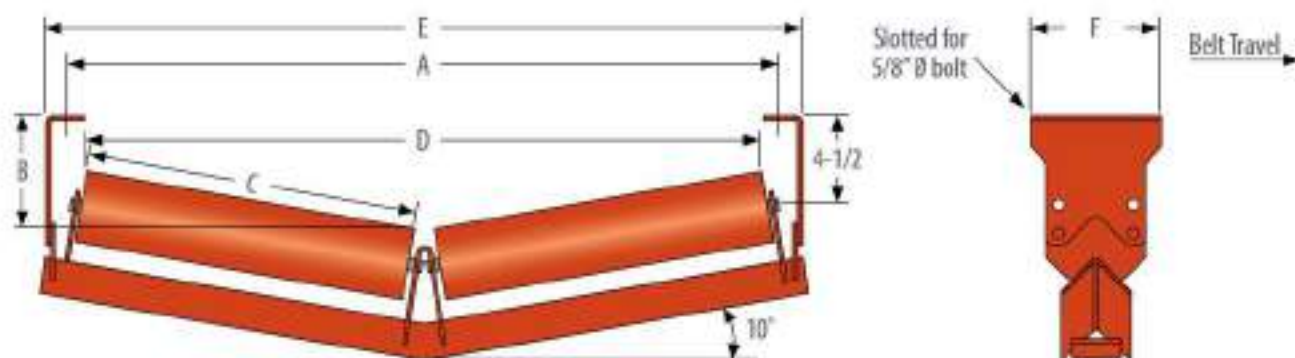
SLOTTED FOR 3/4" Ø BOLT



RUBBER CUSHION FLAT IDLERS: 6" AND 7" DIAMETER

PART NUMBER			BW	A	B	C	WT (#)		
6"	7"	7.5"					6"	7"	7.5"
66-FLI-42-45DT	E7-FLI-42-45DT	E7.5-FLI-42-45DT	42	51	45-3/8	53-1/2	111	117	120
66-FLI-48-45DT	E7-FLI-48-45DT	E7.5-FLI-48-45DT	48	57	51-3/8	59-1/2	123	129	132
66-FLI-54-45DT	E7-FLI-54-45DT	E7.5-FLI-54-45DT	54	63	57-3/8	65-1/2	134	139	142
66-FLI-60-45DT	E7-FLI-60-45DT	E7.5-FLI-60-45DT	60	69	63-3/8	71-1/2	146	152	154
66-FLI-72-45DT	E7-FLI-72-45DT	E7.5-FLI-72-45DT	72	81	75-3/8	83-1/2	168	174	177
66-FLI-84-45DT	E7-FLI-84-45DT	E7.5-FLI-84-45DT	84	93	87-3/8	95-1/2	192	198	201
66-FLI-96-45DT	E7-FLI-96-45DT	E7.5-FLI-96-45DT	96	105	99-3/8	107-1/2	214	221	224
66-FLI-108-45DT	E7-FLI-108-45DT	E7.5-FLI-108-45DT	108	117	111-3/8	119-1/2	236	244	247

45DT IDLERS

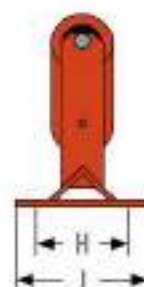
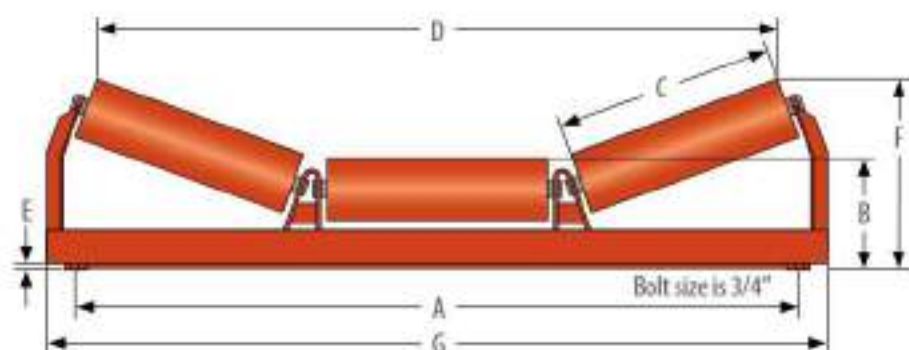


For wider base use next size larger belt width. Also available in 15°.

V-RETURN IDLERS: 6", 7" AND 7.5" DIAMETER

PART NUMBERS			BW	A	B			C	D			E	F	WT (#)		
6"	7"	7.5"			6"	7"	7.5"		6"	7"	7.5"			6"	7"	7.5"
E6-10RETV-42-45DT	E7-10RETV-42-45DT	E7.5-10RETV-42-45DT	42	51	8-1/4	7-3/4	8	20-1/2	48-3/4	48-9/16	48-1/2	54-1/2	16-13/16	175	188	195
E6-10RETV-48-45DT	E7-10RETV-48-45DT	E7.5-10RETV-48-45DT	48	57	8-13/16	8-5/16	8-9/16	23-1/2	54-3/4	54-9/16	54-1/2	60-1/2	17-3/8	197	213	221
E6-10RETV-54-45DT	E7-10RETV-54-45DT	E7.5-10RETV-54-45DT	54	63	9-5/16	8-13/16	9-1/16	26-1/2	60-3/4	60-9/16	60-1/2	66-1/2	17-7/8	219	237	245
E6-10RETV-60-45DT	E7-10RETV-60-45DT	E7.5-10RETV-60-45DT	60	69	9-15/16	9-7/16	9-3/4	29-1/2	66-3/4	66-9/16	66-1/2	72-1/2	18-7/16	242	261	271
E6-10RETV-72-45DT	E7-10RETV-72-45DT	E7.5-10RETV-72-45DT	72	81	10-15/16	10-7/16	10-1/4	33	78-3/4	78-9/16	78-1/2	84-1/2	19-1/2	296	366	376
E6-10RETV-84-45DT	E7-10RETV-84-45DT	E7.5-10RETV-84-45DT	84	93	12	11-1/2	11-11/16	39	90-11/16	90-9/16	90-1/2	96-1/2	20-9/16	339	336	349
E6-10RETV-96-45DT	E7-10RETV-96-45DT	E7.5-10RETV-96-45DT	96	105	13-1/16	12-9/16	12-13/16	45	102-3/4	102-9/16	102-1/2	108-1/2	21-9/16	342	371	385
E6-10RETV-108-45DT	E7-10RETV-108-45DT	E7.5-10RETV-108-45DT	108	117	14-1/16	13-9/16	13-13/16	51	112-3/4	112-9/16	112-1/2	120-1/2	22-9/16	374	406	421

CEMA F IDLERS

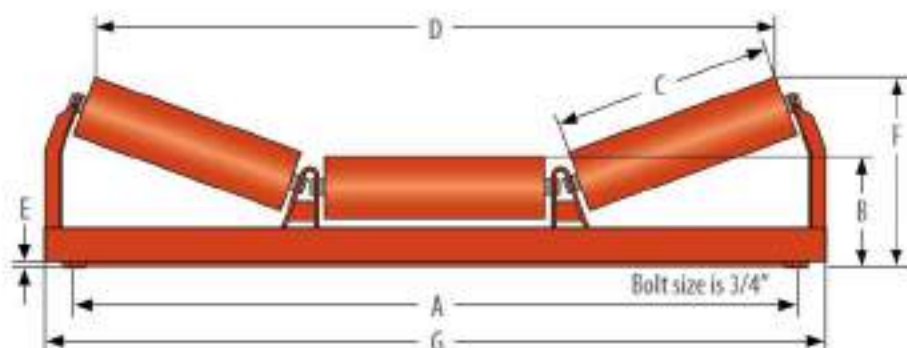


TROUGHING IDLERS (EQUAL LENGTH ROLLERS): 6" DIAMETER

	PART NUMBER	BW	A	B	C	D	E	F	G	H	J	WT
20°	FG-20E-42-40MM	42	51	12	14-3/4	46-1/16	5/8	17-3/8	56-7/16	12	15	344
	FG-20E-48-40MM	48	57	12	17-1/2	54-1/16	5/8	18-5/16	64-7/16	12	15	388
	FG-20E-54-40MM	54	63	12	19-1/2	59-13/16	5/8	19	70-1/16	12	15	422
	FG-20E-60-40MM	60	69	12	21-1/2	65-1/2	5/8	19-11/16	75-13/16	12	15	456
	FG-20E-72-40MM	72	81	12	25-1/2	77-1/16	5/8	21-1/16	87-7/16	12	15	523
	FG-20E-84-40MM	84	93	12	29-1/2	88-5/8	5/8	22-7/16	99-1/16	12	15	591
	FG-20E-96-40MM	96	105	12	33-1/2	100-1/16	5/8	23-3/8	110-7/16	12	15	659
	FG-20E-108-40MM	108	117	12	37-1/2	110-9/16	5/8	25-5/8	121-15/16	12	15	727
35°	FG-20E-120-40MM	120	129	12	41-1/2	123-1/8	5/8	26-1/2	131-1/2	12	15	794
	FG-35E-42-40MM	42	51	12	14-3/4	43-3/8	5/8	20-11/16	56-7/16	12	15	350
	FG-35E-48-40MM	48	57	12	17-1/2	48-11/16	5/8	22-7/16	64-7/16	12	15	395
	FG-35E-54-40MM	54	63	12	19-1/2	53-7/8	5/8	23-9/16	70-1/16	12	15	430
	FG-35E-60-40MM	60	69	12	21-1/2	59-1/8	5/8	24-11/16	75-13/16	12	15	464
	FG-35E-72-40MM	72	81	12	25-1/2	69-13/16	5/8	27	87-7/16	12	15	533
	FG-35E-84-40MM	84	93	12	29-1/2	80-3/8	5/8	29-5/16	99-1/16	12	15	602
	FG-35E-96-40MM	96	105	12	33-1/2	90-7/8	5/8	31-9/16	110-7/16	12	15	700
45°	FG-35E-108-40MM	108	117	12	37-1/2	101-1/8	5/8	33-7/8	121-15/16	12	15	739
	FG-35E-120-40MM	120	129	12	41-1/2	111-15/16	5/8	36-3/16	131-1/2	12	15	806
	FG-45E-42-40MM	42	51	12	14-3/4	38-5/16	5/8	22-7/8	56-7/16	12	15	357
	FG-45E-48-40MM	48	57	12	17-1/2	45	5/8	24-7/8	64-7/16	12	15	403
	FG-45E-54-40MM	54	63	12	19-1/2	49-3/4	5/8	26-1/4	70-1/16	12	15	437
	FG-45E-60-40MM	60	69	12	21-1/2	54-9/16	5/8	27-11/16	75-13/16	12	15	472
	FG-45E-72-40MM	72	81	12	25-1/2	64-5/16	5/8	30-1/2	87-7/16	12	15	541
	FG-45E-84-40MM	84	93	12	29-1/2	73-15/16	5/8	33-5/16	99-1/16	12	15	611
	FG-45E-96-40MM	96	105	12	33-1/2	83-9/16	5/8	36-3/16	110-7/16	12	15	680
	FG-45E-108-40MM	108	117	12	37-1/2	93-1/4	5/8	39	121-15/16	12	15	750
	FG-45E-120-40MM	120	129	12	41-1/2	102-7/8	5/8	41-13/16	131-1/2	12	15	820

Also available in Aligners, Impacts, and Returns.

CEMA F IDLERS

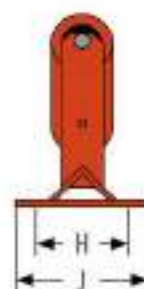
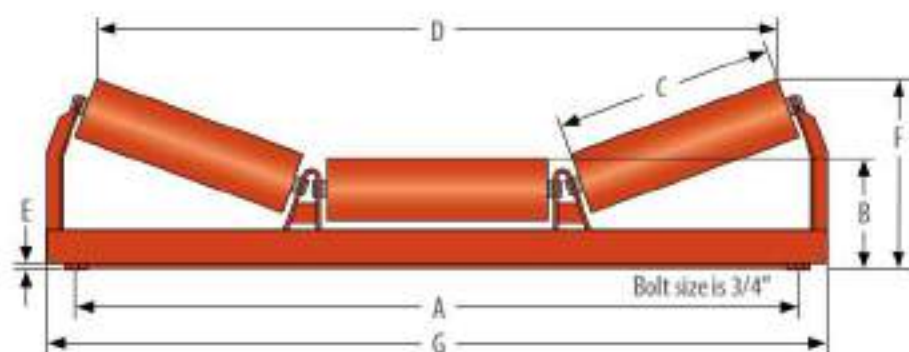


TROUGHING IDLERS (EQUAL LENGTH ROLLERS): 7" DIAMETER

	PART NUMBER	BW	A	B	C	D	E	F	G	H	I	WT (lb)
20°	F7-20E-42-40MM	42	51	12-1/2	14-3/4	45-3/4	5/8	17-13/16	56-7/16	12	15	487
	F7-20E-48-40MM	48	57	12-1/2	17-1/2	53-11/16	5/8	18-3/4	64-7/16	12	15	455
	F7-20E-54-40MM	54	63	12-1/2	19-1/2	45-3/4	5/8	17-3/4	78-1/16	12	15	491
	F7-20E-60-40MM	60	69	12-1/2	21-1/2	65-1/8	5/8	20-1/8	75-13/16	12	15	528
	F7-20E-72-40MM	72	81	12-1/2	25-1/2	76-3/4	5/8	21-1/2	87-7/16	12	15	601
	F7-20E-84-40MM	84	93	12-1/2	29-1/2	88-1/8	5/8	22-7/8	99-1/16	12	15	674
	F7-20E-96-40MM	96	105	12-1/2	33-1/2	99-3/4	5/8	24-1/4	110-7/16	12	15	747
	F7-20E-108-40MM	108	117	12-1/2	37-1/2	111-1/4	5/8	25-5/8	121-15/16	12	15	820
	F7-20E-120-40MM	120	129	12-1/2	41-1/2	122-3/4	5/8	27	133-1/2	12	15	893
35°	F7-35E-42-40MM	42	51	12-1/2	14-3/4	40-13/16	5/8	21-1/4	56-7/16	12	15	414
	F7-35E-48-40MM	48	57	12-1/2	17-1/2	48-1/8	5/8	22-13/16	64-7/16	12	15	462
	F7-35E-54-40MM	54	63	12-1/2	19-1/2	53-5/16	5/8	23-15/16	78-1/16	12	15	499
	F7-35E-60-40MM	60	69	12-1/2	21-1/2	58-9/16	5/8	25-1/8	75-13/16	12	15	536
	F7-35E-72-40MM	72	81	12-1/2	25-1/2	68-1/4	5/8	27-7/16	87-7/16	12	15	610
	F7-35E-84-40MM	84	93	12-1/2	29-1/2	79-13/16	5/8	29-11/16	99-1/16	12	15	685
	F7-35E-96-40MM	96	105	12-1/2	33-1/2	96-1/4	5/8	32	110-7/16	12	15	759
	F7-35E-108-40MM	108	117	12-1/2	37-1/2	100-13/16	5/8	34-5/16	121-15/16	12	15	833
	F7-35E-120-40MM	120	129	12-1/2	41-1/2	111-3/8	5/8	36-9/16	133-1/2	12	15	907
45°	F7-45E-42-40MM	42	51	12-1/2	14-3/4	37-5/8	5/8	23-1/4	56-7/16	12	15	420
	F7-45E-48-40MM	48	57	12-1/2	17-1/2	44-5/16	5/8	25-3/16	64-7/16	12	15	469
	F7-45E-54-40MM	54	63	12-1/2	19-1/2	49	5/8	26-5/8	78-1/16	12	15	507
	F7-45E-60-40MM	60	69	12-1/2	21-1/2	53-7/8	5/8	28	75-13/16	12	15	544
	F7-45E-72-40MM	72	81	12-1/2	25-1/2	63-5/8	5/8	30-7/8	87-7/16	12	15	619
	F7-45E-84-40MM	84	93	12-1/2	29-1/2	73-1/4	5/8	33-11/16	99-1/16	12	15	694
	F7-45E-96-40MM	96	105	12-1/2	33-1/2	82-7/8	5/8	36-1/2	110-7/16	12	15	768
	F7-45E-108-40MM	108	117	12-1/2	37-1/2	92-1/2	5/8	39-5/16	121-15/16	12	15	844
	F7-45E-120-40MM	120	129	12-1/2	41-1/2	102-3/16	5/8	42-3/16	133-1/2	12	15	919

Also available in Aligners, Impacts, and Returns.

CEMA F IDLERS

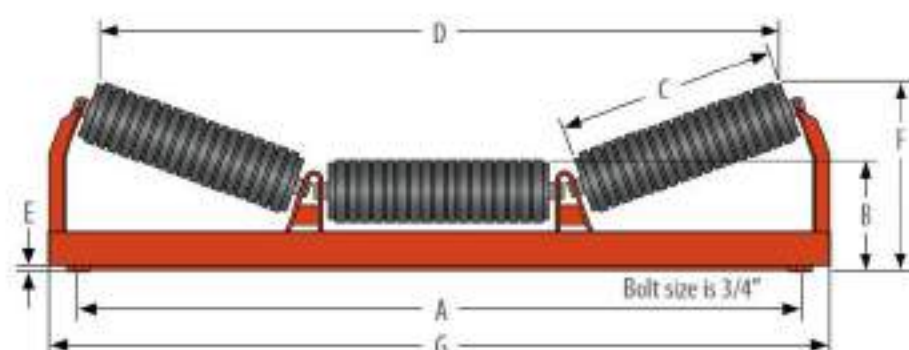


TROUGHING IDLERS (EQUAL LENGTH ROLLERS): 8" DIAMETER

	PART NUMBER	BW	A	B	C	D	E	F	G	H	J	WT (#)
20°	FB-20E-42-40MM	42	51	13	14-3/4	45-3/8	5/8	18-5/16	56-7/16	12	15	478
	FB-20E-48-40MM	48	57	13	17-1/2	53-3/8	5/8	19-1/4	64-7/16	12	15	530
	FB-20E-54-40MM	54	63	13	19-1/2	59-1/8	5/8	19-15/16	70-1/16	12	15	569
	FB-20E-60-40MM	60	69	13	21-1/2	64-13/16	5/8	20-5/8	75-13/16	12	15	608
	FB-20E-72-40MM	72	81	13	25-1/2	76-7/16	5/8	22	87-7/16	12	15	687
	FB-20E-84-40MM	84	93	13	29-1/2	87-15/16	5/8	23-3/8	99-1/16	12	15	765
	FB-20E-96-40MM	96	105	13	33-1/2	99-3/8	5/8	24-11/16	110-7/16	12	15	843
	FB-20E-108-40MM	108	117	13	37-1/2	110-7/8	5/8	26-1/16	121-15/16	12	15	922
	FB-20E-120-40MM	120	129	13	41-1/2	122-7/16	5/8	27-7/16	131-1/2	12	15	1000
	FB-35E-42-40MM	42	51	13	14-3/4	40-1/4	5/8	21-5/8	56-7/16	12	15	485
35°	FB-35E-48-40MM	48	57	13	17-1/2	47-9/16	5/8	23-1/4	64-7/16	12	15	537
	FB-35E-54-40MM	54	63	13	19-1/2	52-3/4	5/8	24-3/8	70-1/16	12	15	577
	FB-35E-60-40MM	60	69	13	21-1/2	58	5/8	25-1/2	75-13/16	12	15	617
	FB-35E-72-40MM	72	81	13	25-1/2	68-5/8	5/8	27-13/16	87-7/16	12	15	696
	FB-35E-84-40MM	84	93	13	29-1/2	79-3/16	5/8	30-1/8	99-1/16	12	15	775
	FB-35E-96-40MM	96	105	13	33-1/2	89-13/16	5/8	32-7/16	110-7/16	12	15	855
	FB-35E-108-40MM	108	117	13	37-1/2	100-1/4	5/8	34-11/16	121-15/16	12	15	934
	FB-35E-120-40MM	120	129	13	41-1/2	110-13/16	5/8	37	131-1/2	12	15	1014
	FB-45E-42-40MM	42	51	13	14-3/4	36-7/8	5/8	23-5/8	56-7/16	12	15	491
	FB-45E-48-40MM	48	57	13	17-1/2	43-9/16	5/8	25-9/16	64-7/16	12	15	544
45°	FB-45E-54-40MM	54	63	13	19-1/2	48-5/16	5/8	26-15/16	70-1/16	12	15	584
	FB-45E-60-40MM	60	69	13	21-1/2	53-1/8	5/8	28-3/8	75-13/16	12	15	624
	FB-45E-72-40MM	72	81	13	25-1/2	62-7/8	5/8	31-3/16	87-7/16	12	15	704
	FB-45E-84-40MM	84	93	13	29-1/2	72-9/16	5/8	34-1/16	99-1/16	12	15	786
	FB-45E-96-40MM	96	105	13	33-1/2	82-1/8	5/8	36-7/8	110-7/16	12	15	865
	FB-45E-108-40MM	108	117	13	37-1/2	91-13/16	5/8	39-11/16	121-15/16	12	15	945
	FB-45E-120-40MM	120	129	13	41-1/2	101-7/16	5/8	42-1/2	131-1/2	12	15	1026

Also available in Aligners, Impacts, and Returns.

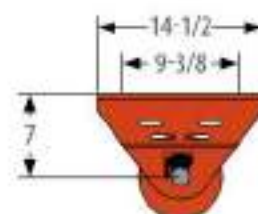
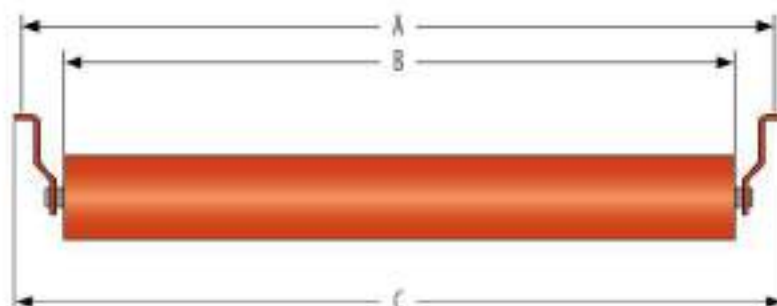
CEMA F IDLERS



RUBBER CUSHION IMPACT TROUGHING IDLERS: 7" AND 8" DIAMETER

	PART NUMBER		BW	A	B		C	D		E	F		G	H	J	WT (#)	
	7"	8"			7"	8"		7"	8"		7"	8"				7"	8"
20"	F7-20B-42-40MM	F8-20B-42-40MM	42	51	12-1/2	13	14-3/4	45-3/8	45-3/8	5/8	17-13/16	18-5/16	56-7/16	12	15	362	385
	F7-20B-48-40MM	F8-20B-48-40MM	48	57	12-1/2	13	17-1/2	53-11/16	53-3/8	5/8	18-3/4	19-1/4	64-7/16	12	15	410	437
	F7-20B-54-40MM	F8-20B-54-40MM	54	63	12-1/2	13	19-1/2	45-3/4	59-1/16	5/8	17-3/4	19-15/16	70-1/16	12	15	447	476
	F7-20B-60-40MM	F8-20B-60-40MM	60	69	12-1/2	13	21-1/2	65-1/8	64-13/16	5/8	20-5/8	20-5/8	75-13/16	12	15	483	516
	F7-20B-72-40MM	F8-20B-72-40MM	72	81	12-1/2	13	25-1/2	76-1/4	76-7/16	5/8	21-1/2	22	82-7/16	12	15	556	595
	F7-20B-84-40MM	F8-20B-84-40MM	84	83	12-1/2	13	29-1/2	88-1/4	87-15/16	5/8	22-7/8	23-3/8	90-3/16	12	15	629	674
	F7-20B-96-40MM	F8-20B-96-40MM	96	105	12-1/2	13	33-1/2	99-3/4	99-1/8	5/8	24-1/4	24-11/16	100-7/16	12	15	702	753
	F7-20B-108-40MM	F8-20B-108-40MM	108	117	12-1/2	13	37-1/2	111-1/4	110-7/8	5/8	25-5/8	26-1/16	121-15/16	12	15	775	832
35"	F7-35B-42-40MM	F8-35B-42-40MM	42	51	12-1/2	13	14-3/4	40-11/16	40-1/4	5/8	21-1/4	21-5/8	56-7/16	12	15	360	391
	F7-35B-48-40MM	F8-35B-48-40MM	48	57	12-1/2	13	17-1/2	48-1/8	47-9/16	5/8	22-13/16	23-1/4	64-7/16	12	15	418	444
	F7-35B-54-40MM	F8-35B-54-40MM	54	63	12-1/2	13	19-1/2	53-5/16	53-3/8	5/8	23-13/16	24-3/8	70-1/16	12	15	451	484
	F7-35B-60-40MM	F8-35B-60-40MM	60	69	12-1/2	13	21-1/2	58-9/16	58	5/8	25-3/8	25-1/2	75-13/16	12	15	492	524
	F7-35B-72-40MM	F8-35B-72-40MM	72	81	12-1/2	13	25-1/2	68-1/4	68-5/8	5/8	27-7/16	27-13/16	82-7/16	12	15	566	604
	F7-35B-84-40MM	F8-35B-84-40MM	84	83	12-1/2	13	29-1/2	79-13/16	79-3/16	5/8	29-11/16	30-3/8	90-3/16	12	15	640	684
	F7-35B-96-40MM	F8-35B-96-40MM	96	105	12-1/2	13	33-1/2	90-1/4	89-11/16	5/8	32	32-7/16	100-7/16	12	15	714	764
	F7-35B-108-40MM	F8-35B-108-40MM	108	117	12-1/2	13	37-1/2	100-13/16	100-1/4	5/8	34-5/16	34-11/16	121-15/16	12	15	788	844
45"	F7-45B-42-40MM	F8-45B-42-40MM	42	51	12-1/2	13	14-3/4	37-5/8	36-7/8	5/8	23-1/4	23-5/8	56-7/16	12	15	375	397
	F7-45B-48-40MM	F8-45B-48-40MM	48	57	12-1/2	13	17-1/2	44-5/16	43-9/16	5/8	25-3/16	25-9/16	64-7/16	12	15	425	451
	F7-45B-54-40MM	F8-45B-54-40MM	54	63	12-1/2	13	19-1/2	49	48-5/16	5/8	26-5/8	26-15/16	70-1/16	12	15	462	491
	F7-45B-60-40MM	F8-45B-60-40MM	60	69	12-1/2	13	21-1/2	53-7/8	53-1/8	5/8	28	28-3/8	75-13/16	12	15	499	532
	F7-45B-72-40MM	F8-45B-72-40MM	72	81	12-1/2	13	25-1/2	63-5/8	62-7/8	5/8	30-7/8	31-3/16	82-7/16	12	15	574	612
	F7-45B-84-40MM	F8-45B-84-40MM	84	83	12-1/2	13	29-1/2	73-1/4	72-9/16	5/8	33-11/16	34-1/16	90-3/16	12	15	650	694
	F7-45B-96-40MM	F8-45B-96-40MM	96	105	12-1/2	13	33-1/2	82-7/8	82-1/8	5/8	36-1/2	36-7/8	100-7/16	12	15	724	775
	F7-45B-108-40MM	F8-45B-108-40MM	108	117	12-1/2	13	37-1/2	93-1/2	91-11/16	5/8	39-5/16	39-11/16	121-15/16	12	15	799	855
	F7-45B-120-40MM	F8-45B-120-40MM	120	120	12-1/2	13	41-1/2	102-3/16	101-7/16	5/8	42-3/16	42-1/2	133-1/2	12	15	874	936

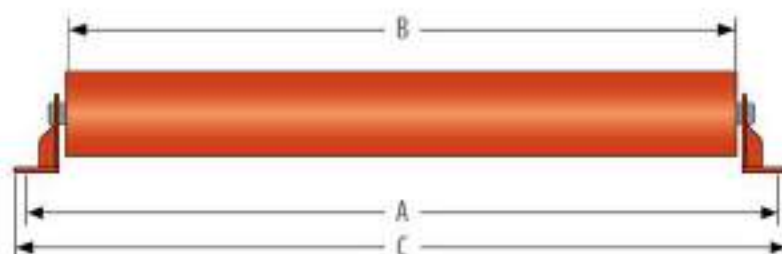
CEMA F IDLERS



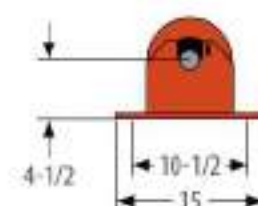
SLOTTED FOR 3/4" Ø BOLT

RETURN IDLERS: 6", 7" AND 8" DIAMETER

PART NUMBER			BW	A	B	C	WT (#)		
6"	7"	8"					6"	7"	8"
F6-RET-42-40MM	F7-RET-42-40MM	F8-RET-42-40MM	42	51	45	53	176	224	262
F6-RET-48-40MM	F7-RET-48-40MM	F8-RET-48-40MM	48	57	51	59	197	248	288
F6-RET-54-40MM	F7-RET-54-40MM	F8-RET-54-40MM	54	63	57	65	218	272	315
F6-RET-60-40MM	F7-RET-60-40MM	F8-RET-60-40MM	60	69	63	71	240	296	342
F6-RET-72-40MM	F7-RET-72-40MM	F8-RET-72-40MM	72	81	75	83	282	344	395
F6-RET-84-40MM	F7-RET-84-40MM	F8-RET-84-40MM	84	93	87	95	325	392	448
F6-RET-96-40MM	F7-RET-96-40MM	F8-RET-96-40MM	96	105	99	107	368	440	501
F6-RET-108-40MM	F7-RET-108-40MM	F8-RET-108-40MM	108	117	111	119	410	488	555
F6-RET-120-40MM	F7-RET-120-40MM	F8-RET-120-40MM	120	129	123	131	453	536	608



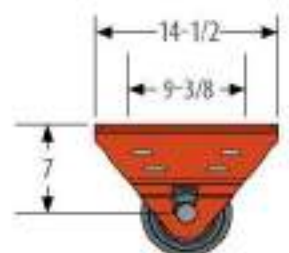
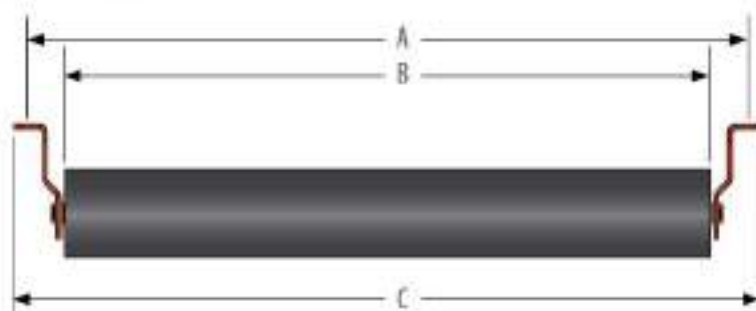
SLOTTED FOR 3/4" Ø BOLT



FLAT IDLERS: 6", 7" AND 8" DIAMETER

PART NUMBER			BW	A	B	C	WT (#)		
6"	7"	8"					6"	7"	8"
F6-FLT-42-40MM	F7-FLT-42-40MM	F8-FLT-42-40MM	42	51	45	53	190	224	262
F6-FLT-48-40MM	F7-FLT-48-40MM	F8-FLT-48-40MM	48	57	51	59	211	248	288
F6-FLT-54-40MM	F7-FLT-54-40MM	F8-FLT-54-40MM	54	63	57	65	233	272	315
F6-FLT-60-40MM	F7-FLT-60-40MM	F8-FLT-60-40MM	60	69	63	71	254	296	342
F6-FLT-72-40MM	F7-FLT-72-40MM	F8-FLT-72-40MM	72	81	75	83	297	344	395
F6-FLT-84-40MM	F7-FLT-84-40MM	F8-FLT-84-40MM	84	93	87	95	339	392	448
F6-FLT-96-40MM	F7-FLT-96-40MM	F8-FLT-96-40MM	96	105	99	107	382	440	501
F6-FLT-108-40MM	F7-FLT-108-40MM	F8-FLT-108-40MM	108	117	111	119	425	488	555
F6-FLT-120-40MM	F7-FLT-120-40MM	F8-FLT-120-40MM	120	129	123	131	467	536	608

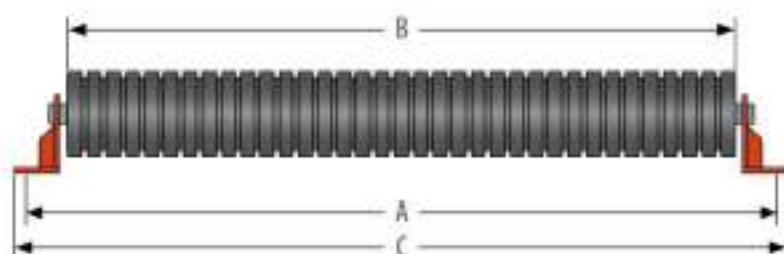
CEMA F IDLERS



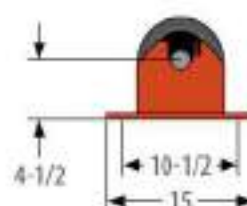
SLOTTED FOR 3/4" Ø BOLT

RUBBER CUSHION RETURN IDLERS

PART NUMBER		BW	A	B	C	WT (#)	
7"	8"					7"	8"
F7-RET-42-40MM	F8-RET-42-40MM	42	51	45	33	244	304
F7-RET-48-40MM	F8-RET-48-40MM	48	57	51	39	270	336
F7-RET-54-40MM	F8-RET-54-40MM	54	63	57	45	297	368
F7-RET-60-40MM	F8-RET-60-40MM	60	69	63	51	323	401
F7-RET-72-40MM	F8-RET-72-40MM	72	81	75	63	377	465
F7-RET-84-40MM	F8-RET-84-40MM	84	93	87	75	430	529
F7-RET-96-40MM	F8-RET-96-40MM	96	105	99	87	483	594
F7-RET-108-40MM	F8-RET-108-40MM	108	117	111	99	536	659
F7-RET-120-40MM	F8-RET-120-40MM	120	129	123	111	589	723



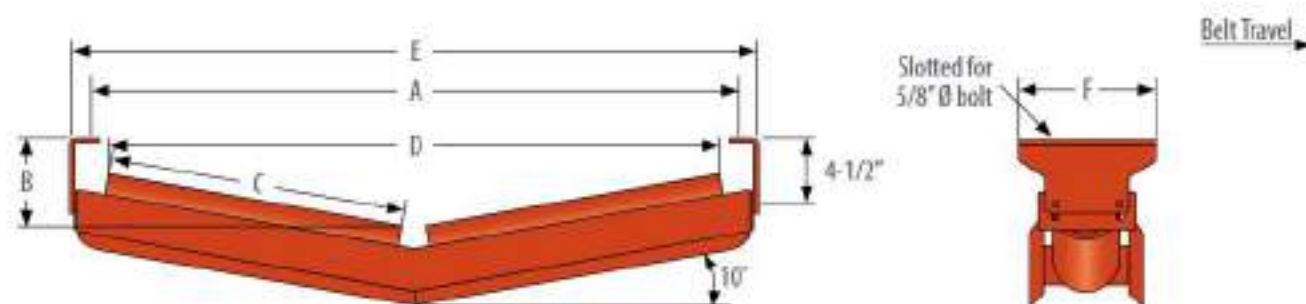
SLOTTED FOR 3/4" Ø BOLT



RUBBER CUSHION FLAT IDLERS: 7" AND 8" DIAMETER

PART NUMBER		BW	A	B	C	WT (#)	
7"	8"					7"	8"
F7-FLT-42-40MM	F8-FLT-42-40MM	42	51	45	51	244	304
F7-FLT-48-40MM	F8-FLT-48-40MM	48	57	51	59	270	336
F7-FLT-54-40MM	F8-FLT-54-40MM	54	63	57	65	297	368
F7-FLT-60-40MM	F8-FLT-60-40MM	60	69	63	71	323	401
F7-FLT-72-40MM	F8-FLT-72-40MM	72	81	75	83	377	465
F7-FLT-84-40MM	F8-FLT-84-40MM	84	93	87	95	430	529
F7-FLT-96-40MM	F8-FLT-96-40MM	96	105	99	107	483	594
F7-FLT-108-40MM	F8-FLT-108-40MM	108	117	111	119	536	659
F7-FLT-120-40MM	F8-FLT-120-40MM	120	129	123	131	589	723

CEMA F IDLERS

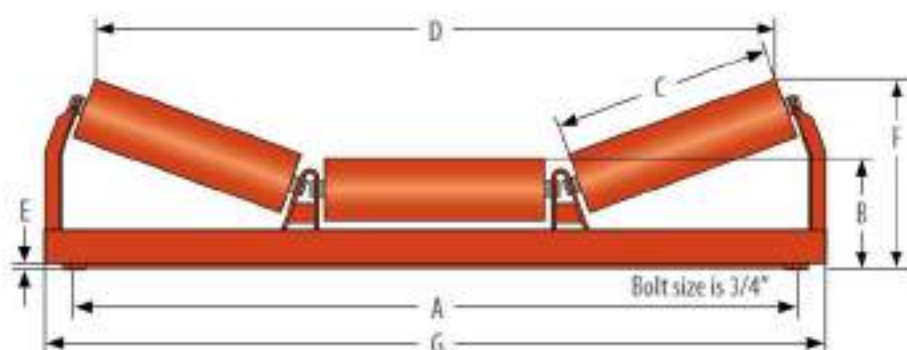


For wider base use next size larger belt width. Also available in 15°.

V-RETURN IDLERS: 6", 7" AND 8" DIAMETER

PART NUMBER			BW	A	B			C	D			E	F	G	WT (#)		
6"	7"	8"			6"	7"	8"		6"	7"	8"				6"	7"	8"
F6-10RETV-42-40MM	F7-10RETV-42-40MM	F8-10RETV-42-40MM	42	51	8-1/16	7-8/16	7-1/8	22	45-5/8	46-1/2	46-5/16	54-1/2	16-1/8	14-1/2	308	356	410
F6-10RETV-48-40MM	F7-10RETV-48-40MM	F8-10RETV-48-40MM	48	57	8-5/8	8-1/8	7-11/16	25-1/2	52-5/8	52-1/2	52-5/16	60-1/2	16-5/8	14-1/2	341	393	450
F6-10RETV-54-40MM	F7-10RETV-54-40MM	F8-10RETV-54-40MM	54	63	9-3/16	8-11/16	8-3/16	28-1/2	58-5/8	58-1/2	58-5/16	66-1/2	17-1/8	14-1/2	375	426	485
F6-10RETV-60-40MM	F7-10RETV-60-40MM	F8-10RETV-60-40MM	60	69	9-13/16	9-3/16	8-11/16	31-1/2	64-5/8	64-1/2	64-5/16	72-3/2	17-11/16	14-1/2	400	457	520
F6-10RETV-72-40MM	F7-10RETV-72-40MM	F8-10RETV-72-40MM	72	81	10-3/4	10-1/4	9-3/4	37-1/2	76-5/8	76-1/2	76-5/16	84-1/2	18-3/4	14-1/2	459	522	589
F6-10RETV-84-40MM	F7-10RETV-84-40MM	F8-10RETV-84-40MM	84	93	11-3/4	11-1/4	10-13/16	43-1/2	88-5/8	88-1/2	88-5/16	96-1/2	19-13/16	14-1/2	519	586	659
F6-10RETV-96-40MM	F7-10RETV-96-40MM	F8-10RETV-96-40MM	96	105	12-7/8	12-3/8	11-15/16	50	100-5/8	100-1/2	100-5/16	108-1/2	20-7/8	14-1/2	581	655	734
F6-10RETV-108-40MM	F7-10RETV-108-40MM	F8-10RETV-108-40MM	108	117	13-7/8	13-3/8	12-7/8	55-1/2	112-5/8	112-1/2	112-5/16	120-1/2	21-15/16	14-1/2	637	715	799
F6-10RETV-120-40MM	F7-10RETV-120-40MM	F8-10RETV-120-40MM	120	129	14-7/8	14-3/8	13-15/16	61-1/2	124-5/8	124-1/2	124-5/16	132-1/2	23	14-1/2	696	780	869

50DT IDLERS



TROUGHING IDLERS (EQUAL LENGTH ROLLERS): 6" DIAMETER

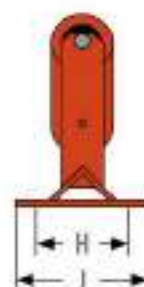
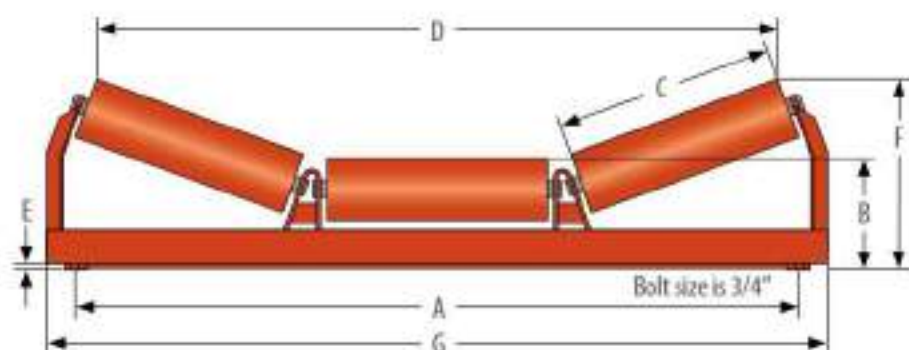
20°

35°

45°

PART NUMBER	BW	A	B	C	D	E	F	G	H	J	WT (#)
F6-20E-42-50DT	42	51	12	14-3/4	46-1/16	5/8	17-3/8	56-7/16	12	15	344
F6-20E-48-50DT	48	57	12	17-1/2	54-1/16	5/8	18-5/16	64-7/16	12	15	388
F6-20E-54-50DT	54	63	12	19-1/2	59-11/16	5/8	19	70-1/16	12	15	422
F6-20E-60-50DT	60	69	12	21-1/2	65-1/2	5/8	19-11/16	75-13/16	12	15	456
F6-20E-72-50DT	72	81	12	25-1/2	77-1/16	5/8	21-1/16	87-7/16	12	15	523
F6-20E-84-50DT	84	93	12	29-1/2	89-5/8	5/8	22-3/16	99-1/16	12	15	591
F6-20E-96-50DT	96	105	12	33-1/2	100-1/16	5/8	23-3/4	119-7/16	12	15	659
F6-20E-108-50DT	108	117	12	37-1/2	111-9/16	5/8	25-1/8	121-15/16	12	15	727
F6-20E-120-50DT	120	129	12	41-1/2	123-1/8	5/8	26-1/2	133-1/2	12	15	794
F6-35E-42-50DT	42	51	12	14-3/4	47-3/8	5/8	20-33/16	56-7/16	12	15	350
F6-35E-48-50DT	48	57	12	17-1/2	48-11/16	5/8	22-7/16	64-7/16	12	15	395
F6-35E-54-50DT	54	63	12	19-1/2	53-7/8	5/8	23-9/16	70-1/16	12	15	430
F6-35E-60-50DT	60	69	12	21-1/2	58-1/8	5/8	24-11/16	75-13/16	12	15	464
F6-35E-72-50DT	72	81	12	25-1/2	69-13/16	5/8	27	87-7/16	12	15	533
F6-35E-84-50DT	84	93	12	29-1/2	80-3/8	5/8	29-5/16	99-1/16	12	15	602
F6-35E-96-50DT	96	105	12	33-1/2	90-7/8	5/8	31-9/16	119-7/16	12	15	700
F6-35E-108-50DT	108	117	12	37-1/2	101-3/8	5/8	33-7/8	121-15/16	12	15	739
F6-35E-120-50DT	120	129	12	41-1/2	111-15/16	5/8	36-1/16	133-1/2	12	15	808
F6-45E-42-50DT	42	51	12	14-3/4	38-5/16	5/8	22-7/8	56-7/16	12	15	357
F6-45E-48-50DT	48	57	12	17-1/2	45	5/8	24-7/8	64-7/16	12	15	401
F6-45E-54-50DT	54	63	12	19-1/2	48-3/4	5/8	26-1/4	70-1/16	12	15	437
F6-45E-60-50DT	60	69	12	21-1/2	54-9/16	5/8	27-11/16	75-13/16	12	15	472
F6-45E-72-50DT	72	81	12	25-1/2	64-5/16	5/8	30-1/2	87-7/16	12	15	541
F6-45E-84-50DT	84	93	12	29-1/2	73-15/16	5/8	33-5/16	99-1/16	12	15	611
F6-45E-96-50DT	96	105	12	33-1/2	83-9/16	5/8	36-3/16	119-7/16	12	15	680
F6-45E-108-50DT	108	117	12	37-1/2	91-1/4	5/8	39	121-15/16	12	15	750
F6-45E-120-50DT	120	129	12	41-1/2	102-7/8	5/8	41-13/16	133-1/2	12	15	820

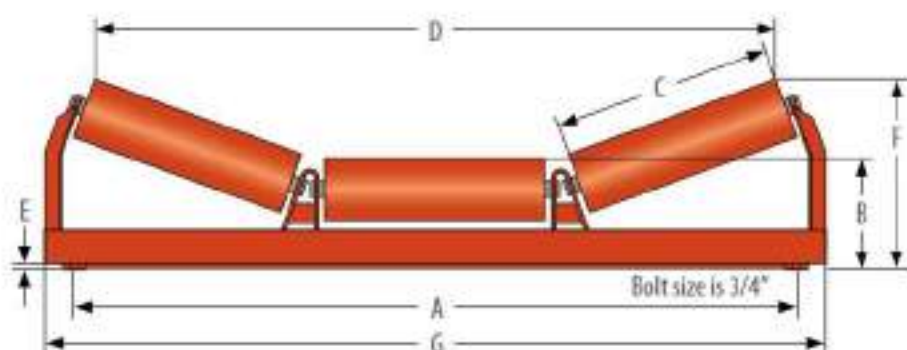
50DT IDLERS



TROUGHING IDLERS (EQUAL LENGTH ROLLERS): 7" DIAMETER

	PART NUMBER	BW	A	B	C	D	E	F	G	H	J	WT (#)
20°	F7-20E-42-50DT	42	51	12-1/2	14-3/4	45-3/4	5/8	17-13/16	56-7/16	12	15	407
	F7-20E-48-50DT	48	57	12-1/2	17-1/2	51-11/16	5/8	18-1/8	64-7/16	12	15	455
	F7-20E-54-50DT	54	63	12-1/2	19-1/2	45-3/4	5/8	17-3/8	70-1/16	12	15	491
	F7-20E-60-50DT	60	69	12-1/2	21-1/2	65-1/8	5/8	20-1/8	75-13/16	12	15	528
	F7-20E-72-50DT	72	81	12-1/2	25-1/2	76-3/4	5/8	21-1/2	87-7/16	12	15	601
	F7-20E-84-50DT	84	93	12-1/2	29-1/2	88-1/4	5/8	22-1/8	99-1/16	12	15	674
	F7-20E-96-50DT	96	105	12-1/2	33-1/2	99-3/4	5/8	24-1/4	110-7/16	12	15	747
	F7-20E-108-50DT	108	117	12-1/2	37-1/2	111-3/8	5/8	25-5/8	121-15/16	12	15	820
35°	F7-35E-42-50DT	42	51	12-1/2	14-3/4	40-13/16	5/8	21-1/8	56-7/16	12	15	414
	F7-35E-48-50DT	48	57	12-1/2	17-1/2	48-1/8	5/8	22-13/16	64-7/16	12	15	462
	F7-35E-54-50DT	54	63	12-1/2	19-1/2	53-5/16	5/8	23-15/16	70-1/16	12	15	499
	F7-35E-60-50DT	60	69	12-1/2	21-1/2	58-9/16	5/8	25-1/8	75-13/16	12	15	536
	F7-35E-72-50DT	72	81	12-1/2	25-1/2	69-1/4	5/8	27-7/16	87-7/16	12	15	610
	F7-35E-84-50DT	84	93	12-1/2	29-1/2	79-13/16	5/8	29-11/16	99-1/16	12	15	685
	F7-35E-96-50DT	96	105	12-1/2	33-1/2	90-1/4	5/8	32	110-7/16	12	15	759
	F7-35E-108-50DT	108	117	12-1/2	37-1/2	100-13/16	5/8	34-5/16	121-15/16	12	15	833
45°	F7-45E-42-50DT	42	51	12-1/2	14-3/4	37-5/8	5/8	23-1/4	56-7/16	12	15	420
	F7-45E-48-50DT	48	57	12-1/2	17-1/2	44-5/16	5/8	25-3/16	64-7/16	12	15	469
	F7-45E-54-50DT	54	63	12-1/2	19-1/2	49	5/8	26-5/8	70-1/16	12	15	507
	F7-45E-60-50DT	60	69	12-1/2	21-1/2	53-7/8	5/8	28	75-13/16	12	15	544
	F7-45E-72-50DT	72	81	12-1/2	25-1/2	63-5/8	5/8	30-3/8	87-7/16	12	15	619
	F7-45E-84-50DT	84	93	12-1/2	29-1/2	73-1/4	5/8	33-11/16	99-1/16	12	15	694
	F7-45E-96-50DT	96	105	12-1/2	33-1/2	82-7/8	5/8	36-1/2	110-7/16	12	15	768
	F7-45E-108-50DT	108	117	12-1/2	37-1/2	92-1/2	5/8	39-5/16	121-15/16	12	15	844
	F7-45E-120-50DT	120	129	12-1/2	41-1/2	102-3/16	5/8	42-3/16	133-1/2	12	15	919

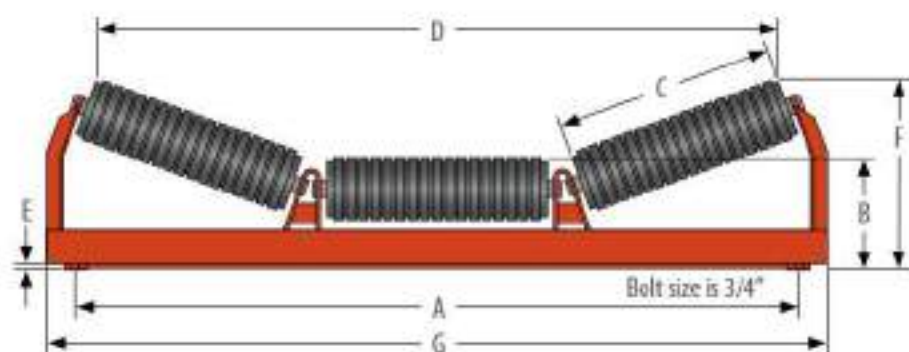
50DT IDLERS



TROUGHING IDLERS (EQUAL LENGTH ROLLERS): 8" DIAMETER

	PART NUMBER	BW	A	B	C	D	E	F	G	H	J	WT (#)
20°	FB-20E-42-50DT	42	51	13	14-3/4	45-3/8	5/8	18-5/16	56-7/16	12	15	478
	FB-20E-48-50DT	48	57	13	17-1/2	53-3/8	5/8	19-1/4	64-7/16	12	15	510
	FB-20E-54-50DT	54	63	13	19-1/2	59-1/4	5/8	19-15/16	70-1/16	12	15	569
	FB-20E-60-50DT	60	69	13	21-1/2	64-13/16	5/8	20-5/8	75-13/16	12	15	608
	FB-20E-72-50DT	72	81	13	25-1/2	76-7/16	5/8	22	87-7/16	12	15	687
	FB-20E-84-50DT	84	93	13	29-1/2	87-15/16	5/8	23-3/8	99-1/16	12	15	765
	FB-20E-96-50DT	96	105	13	33-1/2	99-3/8	5/8	24-11/16	119-7/16	12	15	843
	FB-20E-108-50DT	108	117	13	37-1/2	119-7/8	5/8	26-1/16	121-15/16	12	15	922
	FB-20E-120-50DT	120	129	13	41-1/2	122-7/16	5/8	27-1/16	135-1/2	12	15	1000
	FB-35E-42-50DT	42	51	13	14-3/4	40-1/4	5/8	21-5/8	56-7/16	12	15	485
35°	FB-35E-48-50DT	48	57	13	17-1/2	47-9/16	5/8	23-1/4	64-7/16	12	15	537
	FB-35E-54-50DT	54	63	13	19-1/2	52-3/4	5/8	24-3/8	70-1/16	12	15	577
	FB-35E-60-50DT	60	69	13	21-1/2	58	5/8	25-1/2	75-13/16	12	15	617
	FB-35E-72-50DT	72	81	13	25-1/2	68-5/8	5/8	27-13/16	87-7/16	12	15	696
	FB-35E-84-50DT	84	93	13	29-1/2	79-3/16	5/8	30-1/8	99-1/16	12	15	775
	FB-35E-96-50DT	96	105	13	33-1/2	89-11/16	5/8	32-3/16	119-7/16	12	15	855
	FB-35E-108-50DT	108	117	13	37-1/2	100-1/4	5/8	34-11/16	121-15/16	12	15	934
	FB-35E-120-50DT	120	129	13	41-1/2	110-13/16	5/8	37	133-1/2	12	15	1034
	FB-45E-42-50DT	42	51	13	14-3/4	36-7/8	5/8	23-5/8	56-7/16	12	15	491
	FB-45E-48-50DT	48	57	13	17-1/2	43-9/16	5/8	25-9/16	64-7/16	12	15	544
45°	FB-45E-54-50DT	54	63	13	19-1/2	48-5/16	5/8	26-15/16	70-1/16	12	15	584
	FB-45E-60-50DT	60	69	13	21-1/2	53-1/8	5/8	28-3/8	75-13/16	12	15	624
	FB-45E-72-50DT	72	81	13	25-1/2	62-7/8	5/8	31-1/16	87-7/16	12	15	704
	FB-45E-84-50DT	84	93	13	29-1/2	72-9/16	5/8	34-1/16	99-1/16	12	15	786
	FB-45E-96-50DT	96	105	13	33-1/2	82-1/8	5/8	36-7/8	119-7/16	12	15	865
	FB-45E-108-50DT	108	117	13	37-1/2	91-13/16	5/8	39-11/16	121-15/16	12	15	945
	FB-45E-120-50DT	120	129	13	41-1/2	101-7/16	5/8	42-1/2	133-1/2	12	15	1026

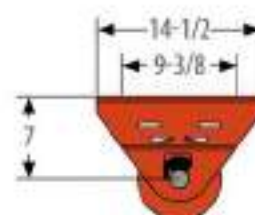
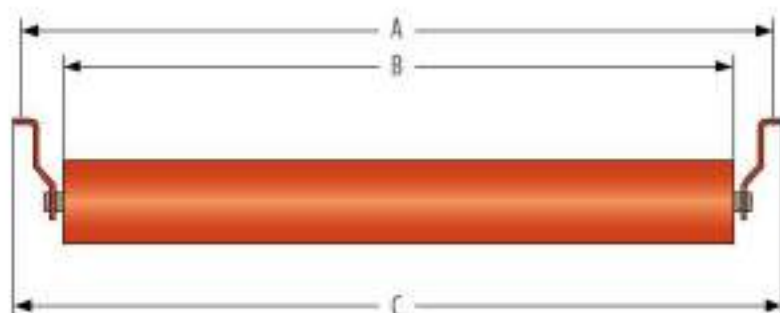
50DT IDLERS



RUBBER CUSHION IMPACT TROUGHING IDLERS: 7" AND 8" DIAMETER

PART NUMBER		BW	A	B		C	D		E	F		G	H	J	WT (#)	
7"	8"			7"	8"		7"	8"		7"	8"				7"	8"
F7-20E-42-50DT	FB-20E-42-50DT	42	51	12-1/2	13	14-3/4	45-3/8	45-3/8	5/8	17-13/16	18-5/16	56-7/16	12	15	407	478
F7-20E-48-50DT	FB-20E-48-50DT	48	57	12-1/2	13	17-1/2	52-11/16	52-3/8	5/8	18-3/4	19-1/4	64-7/16	12	15	455	530
F7-20E-54-50DT	FB-20E-54-50DT	54	63	12-1/2	13	19-1/2	45-3/4	59-1/16	5/8	17-3/4	19-15/16	70-1/16	12	15	491	589
F7-20E-60-50DT	FB-20E-60-50DT	60	69	12-1/2	13	21-1/2	45-1/8	44-13/16	5/8	20-1/8	20-5/8	75-11/16	12	15	528	608
F7-20E-72-50DT	FB-20E-72-50DT	72	81	12-1/2	13	25-1/2	76-3/4	76-7/16	5/8	21-1/2	22	87-7/16	12	15	601	687
F7-20E-84-50DT	FB-20E-84-50DT	84	93	12-1/2	13	29-1/2	88-1/4	87-15/16	5/8	22-7/8	23-3/8	99-1/16	12	15	674	765
F7-20E-96-50DT	FB-20E-96-50DT	96	105	12-1/2	13	33-1/2	99-3/4	99-3/8	5/8	24-1/4	24-11/16	110-7/16	12	15	747	843
F7-20E-108-50DT	FB-20E-108-50DT	108	117	12-1/2	13	37-1/2	111-1/4	110-7/8	5/8	25-5/8	26-1/4	121-15/16	12	15	820	922
F7-20E-120-50DT	FB-20E-120-50DT	120	129	12-1/2	13	41-1/2	122-3/4	122-7/16	5/8	27	27-7/16	133-1/2	12	15	893	1000
F7-35E-42-50DT	FB-35E-42-50DT	42	51	12-1/2	13	14-3/4	40-13/16	40-1/4	5/8	21-1/4	21-5/8	56-7/16	12	15	414	485
F7-35E-48-50DT	FB-35E-48-50DT	48	57	12-1/2	13	17-1/2	48-1/8	47-9/16	5/8	22-13/16	23-1/4	64-7/16	12	15	462	537
F7-35E-54-50DT	FB-35E-54-50DT	54	63	12-1/2	13	19-1/2	52-5/16	52-3/4	5/8	23-15/16	24-3/8	70-1/16	12	15	490	577
F7-35E-60-50DT	FB-35E-60-50DT	60	69	12-1/2	13	21-1/2	58-9/16	58	5/8	25-1/8	25-1/2	75-13/16	12	15	536	617
F7-35E-72-50DT	FB-35E-72-50DT	72	81	12-1/2	13	25-1/2	49-1/4	48-5/8	5/8	27-7/16	27-13/16	87-7/16	12	15	610	696
F7-35E-84-50DT	FB-35E-84-50DT	84	93	12-1/2	13	29-1/2	79-13/16	79-1/16	5/8	29-11/16	30-1/8	99-1/16	12	15	685	775
F7-35E-96-50DT	FB-35E-96-50DT	96	105	12-1/2	13	33-1/2	90-1/4	89-11/16	5/8	32	32-7/16	110-7/16	12	15	750	855
F7-35E-108-50DT	FB-35E-108-50DT	108	117	12-1/2	13	37-1/2	106-13/16	106-1/4	5/8	34-5/16	34-11/16	121-15/16	12	15	833	934
F7-35E-120-50DT	FB-35E-120-50DT	120	129	12-1/2	13	41-1/2	111-3/8	110-13/16	5/8	36-9/16	37	133-1/2	12	15	907	1014
F7-45E-42-50DT	FB-45E-42-50DT	42	51	12-1/2	13	14-3/4	37-5/8	36-7/8	5/8	23-1/4	23-5/8	56-7/16	12	15	420	491
F7-45E-48-50DT	FB-45E-48-50DT	48	57	12-1/2	13	17-1/2	44-5/16	43-9/16	5/8	25-3/16	25-9/16	64-7/16	12	15	460	544
F7-45E-54-50DT	FB-45E-54-50DT	54	63	12-1/2	13	19-1/2	49	48-5/16	5/8	26-5/8	26-15/16	70-1/16	12	15	507	584
F7-45E-60-50DT	FB-45E-60-50DT	60	69	12-1/2	13	21-1/2	53-7/8	52-1/8	5/8	28	28-1/8	75-13/16	12	15	544	624
F7-45E-72-50DT	FB-45E-72-50DT	72	81	12-1/2	13	25-1/2	63-5/8	62-7/8	5/8	30-7/8	31-3/16	87-7/16	12	15	619	704
F7-45E-84-50DT	FB-45E-84-50DT	84	93	12-1/2	13	29-1/2	73-1/4	72-9/16	5/8	33-11/16	34-1/8	99-1/16	12	15	694	786
F7-45E-96-50DT	FB-45E-96-50DT	96	105	12-1/2	13	33-1/2	82-7/8	80-1/8	5/8	36-1/2	36-7/8	110-7/16	12	15	768	865
F7-45E-108-50DT	FB-45E-108-50DT	108	117	12-1/2	13	37-1/2	92-1/2	91-13/16	5/8	39-5/16	39-11/16	121-15/16	12	15	844	945
F7-45E-120-50DT	FB-45E-120-50DT	120	129	12-1/2	13	41-1/2	102-3/16	101-7/16	5/8	42-3/16	42-1/2	133-1/2	12	15	919	1026

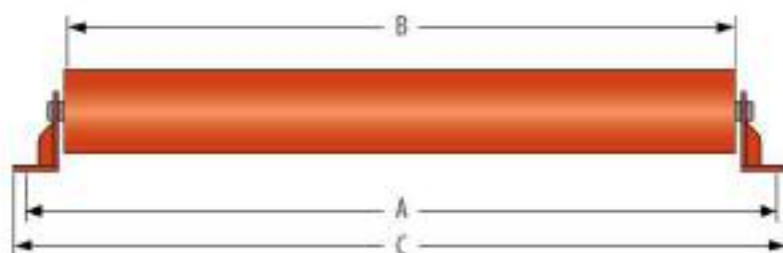
50DT IDLERS



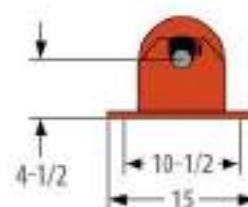
SLOTTED FOR 3/4" Ø BOLT

RETURN IDLERS: 6", 7" AND 8" DIAMETER

PART NUMBER			BW	A	B	C	WT (#)		
6"	7"	8"					6"	7"	8"
FG-RET-42-50DT	F7-RET-42-50DT	F8-RET-42-50DT	42	51	48	53	176	210	247
FG-RET-48-50DT	F7-RET-48-50DT	F8-RET-48-50DT	48	57	51	59	197	234	274
FG-RET-54-50DT	F7-RET-54-50DT	F8-RET-54-50DT	54	63	57	65	218	258	300
FG-RET-60-50DT	F7-RET-60-50DT	F8-RET-60-50DT	60	69	63	71	240	282	327
FG-RET-72-50DT	F7-RET-72-50DT	F8-RET-72-50DT	72	81	75	83	282	330	380
FG-RET-84-50DT	F7-RET-84-50DT	F8-RET-84-50DT	84	93	87	95	325	378	434
FG-RET-96-50DT	F7-RET-96-50DT	F8-RET-96-50DT	96	105	99	107	368	426	487
FG-RET-108-50DT	F7-RET-108-50DT	F8-RET-108-50DT	108	117	111	119	410	474	540
FG-RET-120-50DT	F7-RET-120-50DT	F8-RET-120-50DT	120	129	123	131	453	522	594



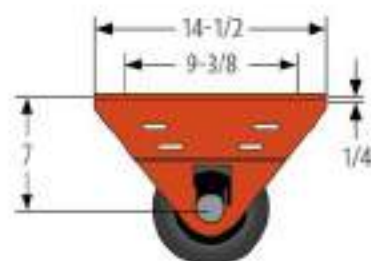
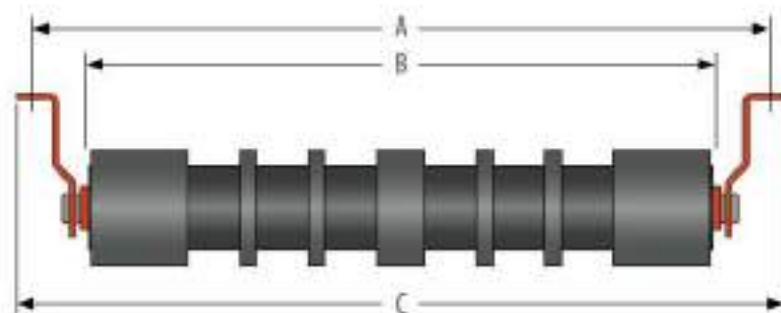
SLOTTED FOR 3/4" Ø BOLT



FLAT IDLERS: 6", 7" AND 8" DIAMETER

PART NUMBER			BW	A	B	C	WT (#)		
6"	7"	8"					6"	7"	8"
FG-FLT-42-50DT	F7-FLT-42-50DT	F8-FLT-42-50DT	42	51	48	53	190	224	262
FG-FLT-48-50DT	F7-FLT-48-50DT	F8-FLT-48-50DT	48	57	51	59	211	248	288
FG-FLT-54-50DT	F7-FLT-54-50DT	F8-FLT-54-50DT	54	63	57	65	233	272	315
FG-FLT-60-50DT	F7-FLT-60-50DT	F8-FLT-60-50DT	60	69	63	71	254	296	342
FG-FLT-72-50DT	F7-FLT-72-50DT	F8-FLT-72-50DT	72	81	75	83	297	344	395
FG-FLT-84-50DT	F7-FLT-84-50DT	F8-FLT-84-50DT	84	93	87	95	339	392	448
FG-FLT-96-50DT	F7-FLT-96-50DT	F8-FLT-96-50DT	96	105	99	107	382	440	501
FG-FLT-108-50DT	F7-FLT-108-50DT	F8-FLT-108-50DT	108	117	111	119	425	488	555
FG-FLT-120-50DT	F7-FLT-120-50DT	F8-FLT-120-50DT	120	129	123	131	467	536	608

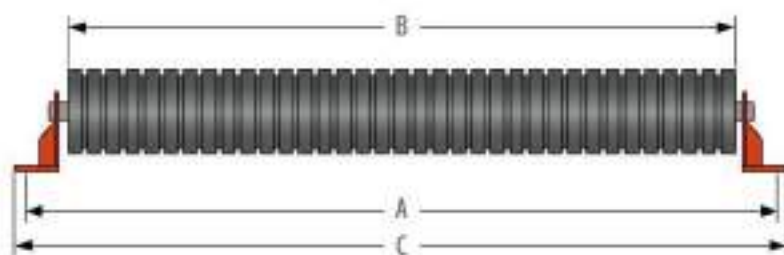
50DT IDLERS



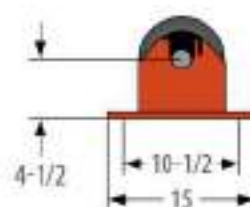
SLOTTED FOR 3/4" Ø BOLT

RUBBER CUSHION RETURN IDLERS: 7" AND 8" DIAMETER

PART NUMBER		BW	A	B	C	WT (#)	
7"	8"					7"	8"
F7-RET1-42-50DT	F8-RET1-42-50DT	42	51	45	53	344	304
F7-RET1-48-50DT	F8-RET1-48-50DT	48	57	51	59	370	336
F7-RET1-54-50DT	F8-RET1-54-50DT	54	63	57	65	397	368
F7-RET1-60-50DT	F8-RET1-60-50DT	60	69	63	71	423	401
F7-RET1-72-50DT	F8-RET1-72-50DT	72	81	75	83	477	465
F7-RET1-84-50DT	F8-RET1-84-50DT	84	93	87	95	530	520
F7-RET1-96-50DT	F8-RET1-96-50DT	96	105	99	107	583	594
F7-RET1-108-50DT	F8-RET1-108-50DT	108	117	111	119	636	659
F7-RET1-120-50DT	F8-RET1-120-50DT	120	129	123	131	689	723



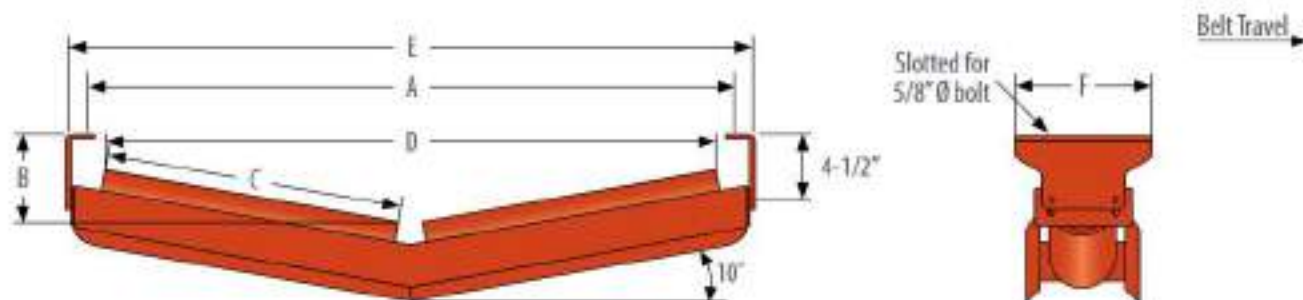
SLOTTED FOR 3/4" Ø BOLT



RUBBER CUSHION FLAT IDLERS: 7" AND 8" DIAMETER

PART NUMBER		BW	A	B	C	WT (#)	
7"	8"					7"	8"
F7-FLT1-42-50DT	F8-FLT1-42-50DT	42	51	45	51	344	304
F7-FLT1-48-50DT	F8-FLT1-48-50DT	48	57	51	59	370	336
F7-FLT1-54-50DT	F8-FLT1-54-50DT	54	63	57	65	397	368
F7-FLT1-60-50DT	F8-FLT1-60-50DT	60	69	63	71	423	401
F7-FLT1-72-50DT	F8-FLT1-72-50DT	72	81	75	81	477	465
F7-FLT1-84-50DT	F8-FLT1-84-50DT	84	93	87	95	530	520
F7-FLT1-96-50DT	F8-FLT1-96-50DT	96	105	99	107	583	594
F7-FLT1-108-50DT	F8-FLT1-108-50DT	108	117	111	119	636	659
F7-FLT1-120-50DT	F8-FLT1-120-50DT	120	129	123	131	689	723

50DT IDLERS

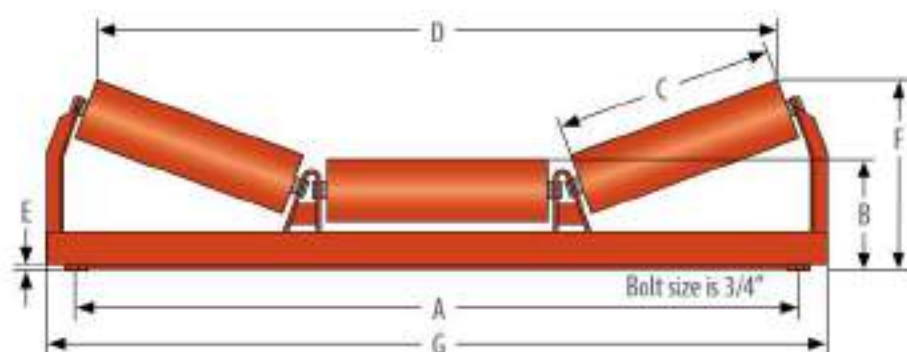


For wider base use next size larger belt width. Also available in 15°.

V-RETURN IDLERS: 6", 7" AND 8" DIAMETER

PART NUMBER			BW	A	B			C	D			E	F	G	WT (#)		
6"	7"	8"			6"	7"	8"		6"	7"	8"				6"	7"	8"
F6-10RETV-42-50DT	F7-10RETV-42-50DT	F8-10RETV-42-50DT	42	51	8-1/16	7-9/16	7-1/8	32	45-5/8	46-1/2	46-5/16	54-1/2	16-1/8	14-1/2	308	356	410
F6-10RETV-48-50DT	F7-10RETV-48-50DT	F8-10RETV-48-50DT	48	57	8-5/8	8-1/8	7-11/16	25-1/2	52-5/8	52-1/2	52-5/16	60-1/2	16-5/8	14-1/2	341	393	450
F6-10RETV-54-50DT	F7-10RETV-54-50DT	F8-10RETV-54-50DT	54	63	9-3/16	8-11/16	8-3/16	28-1/2	58-5/8	58-1/2	58-5/16	66-1/2	17-1/8	14-1/2	371	425	485
F6-10RETV-60-50DT	F7-10RETV-60-50DT	F8-10RETV-60-50DT	60	69	9-11/16	9-3/16	8-11/16	31-1/2	64-5/8	64-1/2	64-5/16	72-1/2	17-11/16	14-1/2	400	457	520
F6-10RETV-72-50DT	F7-10RETV-72-50DT	F8-10RETV-72-50DT	72	81	10-3/4	10-1/4	9-3/4	37-1/2	76-5/8	76-1/2	76-5/16	84-1/2	18-3/4	14-1/2	439	522	589
F6-10RETV-84-50DT	F7-10RETV-84-50DT	F8-10RETV-84-50DT	84	93	11-3/4	11-1/4	10-13/16	43-1/2	88-5/8	88-1/2	88-5/16	96-1/2	19-13/16	14-1/2	519	586	659
F6-10RETV-96-50DT	F7-10RETV-96-50DT	F8-10RETV-96-50DT	96	105	12-7/8	12-3/8	11-15/16	50	100-5/8	100-1/2	100-5/16	108-1/2	20-7/8	14-1/2	581	655	734
F6-10RETV-108-50DT	F7-10RETV-108-50DT	F8-10RETV-108-50DT	108	117	13-7/8	13-3/8	12-7/8	55-1/2	112-5/8	112-1/2	112-5/16	120-1/2	21-15/16	14-1/2	637	715	799
F6-10RETV-120-50DT	F7-10RETV-120-50DT	F8-10RETV-120-50DT	120	129	14-7/8	14-3/8	13-15/16	61-1/2	124-5/8	124-1/2	124-5/16	132-1/2	23	14-1/2	694	780	869

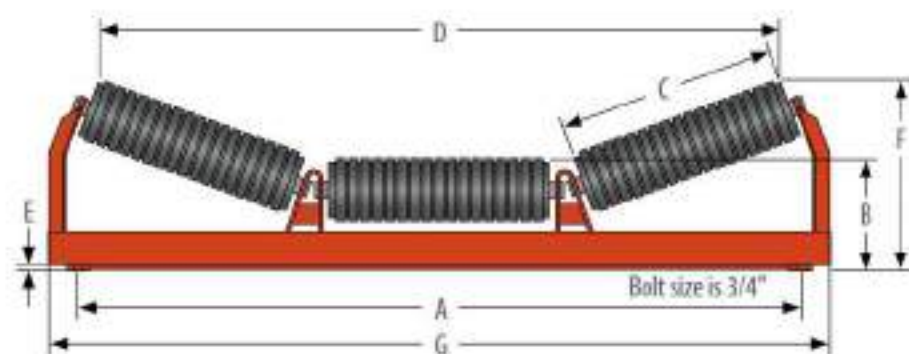
60DT IDLERS



TROUGHING IDLERS (EQUAL LENGTH ROLLERS): 7" AND 8" DIAMETER

PART NUMBER		BW	A	B		C	D		E	F		G	H	J	WT (#)	
7"	8"			7"	8"		7"	8"		7"	8"				7"	8"
67-20E-60-60DT	68-20E-60-60DT	66	69	12-1/2	13	21-1/2	65-5/8	65-1/4	5/8	20-3/16	20-5/8	76-9/16	12	15	536	526
67-20E-72-60DT	68-20E-72-60DT	72	81	12-1/2	13	25-1/2	77-3/16	76-13/16	5/8	21-9/16	22	88-3/16	12	15	588	599
67-20E-84-60DT	68-20E-84-60DT	84	95	12-1/2	13	29-1/2	88-11/16	88-5/16	5/8	22-13/16	23-3/8	99-13/16	12	15	651	673
67-20E-96-60DT	68-20E-96-60DT	96	105	12-1/2	13	33-1/2	100-1/8	99-13/16	5/8	24-5/16	24-3/4	111-3/16	12	15	722	746
67-20E-108-60DT	68-20E-108-60DT	108	117	12-1/2	13	37-1/2	111-11/16	111-3/8	5/8	25-5/8	26-1/8	122-11/16	12	15	795	820
67-20E-120-60DT	68-20E-120-60DT	120	129	12-1/2	13	41-1/2	123-1/4	122-7/8	5/8	27	27-1/2	134-1/4	12	15	864	894
67-35E-60-60DT	68-35E-60-60DT	66	69	12-1/2	13	21-1/2	59	58-7/16	5/8	25-3/16	25-9/16	76-9/16	12	15	523	529
67-35E-72-60DT	68-35E-72-60DT	72	81	12-1/2	13	25-1/2	69-5/8	69	5/8	27-1/2	27-7/8	88-3/16	12	15	594	613
67-35E-84-60DT	68-35E-84-60DT	84	95	12-1/2	13	29-1/2	80-1/8	79-9/16	5/8	29-3/4	30-3/8	99-13/16	12	15	667	689
67-35E-96-60DT	68-35E-96-60DT	96	105	12-1/2	13	33-1/2	90-5/8	90-1/16	5/8	32-1/16	32-1/2	111-3/16	12	15	739	763
67-35E-108-60DT	68-35E-108-60DT	108	117	12-1/2	13	37-1/2	101-1/4	100-11/16	5/8	34-5/8	34-3/4	122-11/16	12	15	812	839
67-35E-120-60DT	68-35E-120-60DT	120	129	12-1/2	13	41-1/2	111-11/16	111-1/4	5/8	36-5/8	37-1/8	134-1/4	12	15	884	914
67-45E-60-60DT	68-45E-60-60DT	66	69	12-1/2	13	21-1/2	54-1/4	53-9/16	5/8	26-1/8	26-7/16	76-9/16	12	15	535	551
67-45E-72-60DT	68-45E-72-60DT	72	81	12-1/2	13	25-1/2	63-15/16	63-1/4	5/8	30-15/16	31-5/16	88-3/16	12	15	607	626
67-45E-84-60DT	68-45E-84-60DT	84	95	12-1/2	13	29-1/2	73-5/8	72-7/8	5/8	33-1/4	34-1/8	99-13/16	12	15	682	704
67-45E-96-60DT	68-45E-96-60DT	96	105	12-1/2	13	33-1/2	83-3/16	82-1/2	5/8	36-5/8	36-15/16	111-3/16	12	15	756	780
67-45E-108-60DT	68-45E-108-60DT	108	117	12-1/2	13	37-1/2	92-15/16	92-3/16	5/8	39-7/16	39-3/4	122-11/16	12	15	829	856
67-45E-120-60DT	68-45E-120-60DT	120	129	12-1/2	13	41-1/2	102-9/16	101-7/8	5/8	42-1/4	42-5/8	134-1/4	12	15	903	933

60DT IDLERS



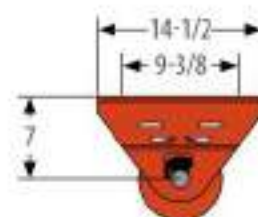
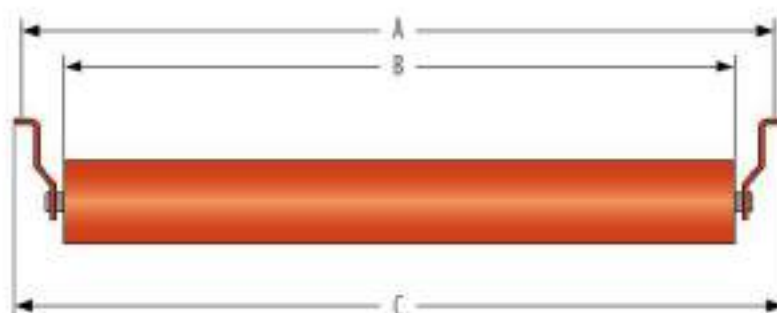
RUBBER CUSHION IMPACT TROUGHING IDLER: 8" DIAMETER

20°

PART NUMBER	BW	A	B	C	D	E	F	G	H	J	WT (#)
GB-20EI-60-60DT	60	69	13	21-1/2	65-1/8	5/8	20-5/8	76-9/16	12	15	108
GB-20EI-72-60DT	72	81	13	25-1/2	76-13/16	5/8	22	88-3/16	12	15	179
GB-20EI-84-60DT	84	93	13	29-1/2	88-5/16	5/8	23-3/8	99-12/16	12	15	240
GB-20EI-96-60DT	96	105	13	33-1/2	99-11/16	5/8	24-3/4	111-3/16	12	15	320
GB-20EI-108-60DT	108	117	13	37-1/2	111-3/8	5/8	26-1/8	122-11/16	12	15	390
GB-20EI-120-60DT	120	129	13	41-1/2	122-7/8	5/8	27-1/2	134-3/4	12	15	461
GB-35EI-60-60DT	60	69	13	21-1/2	58-7/16	5/8	25-3/16	76-9/16	12	15	122
GB-35EI-72-60DT	72	81	13	25-1/2	69	5/8	27-7/8	88-3/16	12	15	193
GB-35EI-84-60DT	84	93	13	29-1/2	79-9/16	5/8	30-3/16	99-12/16	12	15	265
GB-35EI-96-60DT	96	105	13	33-1/2	90-7/16	5/8	33-1/2	111-3/16	12	15	337
GB-35EI-108-60DT	108	117	13	37-1/2	100-11/16	5/8	34-3/4	122-11/16	12	15	409
GB-35EI-120-60DT	120	129	13	41-1/2	111-1/4	5/8	37-1/16	134-1/8	12	15	481
GB-45EI-60-60DT	60	69	13	21-1/2	53-9/16	5/8	28-7/16	76-9/16	12	15	134
GB-45EI-72-60DT	72	81	13	25-1/2	63-1/4	5/8	31-5/16	88-3/16	12	15	206
GB-45EI-84-60DT	84	93	13	29-1/2	73-7/8	5/8	34-1/8	99-12/16	12	15	278
GB-45EI-96-60DT	96	105	13	33-1/2	82-1/2	5/8	36-5/16	111-3/16	12	15	350
GB-45EI-108-60DT	108	117	13	37-1/2	92-3/16	5/8	39-3/4	122-11/16	12	15	422
GB-45EI-120-60DT	120	129	13	41-1/2	101-7/8	5/8	42-5/8	134-1/4	12	15	494

45°

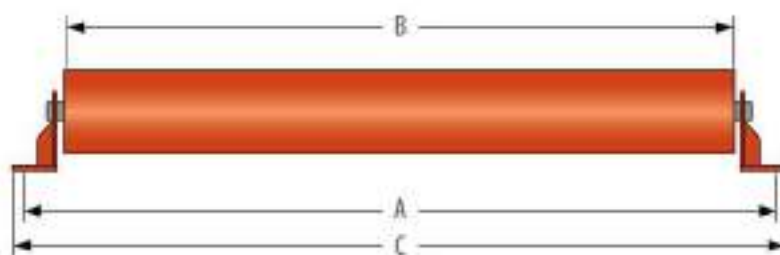
60DT IDLERS



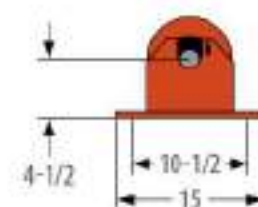
SLOTTED FOR 3/4" Ø BOLT

RETURN IDLERS: 7" AND 8" DIAMETER

PART NUMBER		BW	A	B	C	WT (#)	
7"	8"					7"	8"
G7-RET-60-60DT	G8-RET-60-60DT	60	69	61	71	323	373
G7-RET-72-60DT	G8-RET-72-60DT	72	81	75	83	377	432
G7-RET-84-60DT	G8-RET-84-60DT	84	93	87	95	431	492
G7-RET-96-60DT	G8-RET-96-60DT	96	105	99	107	485	552
G7-RET-108-60DT	G8-RET-108-60DT	108	117	111	119	539	613
G7-RET-120-60DT	G8-RET-120-60DT	120	129	123	131	593	672



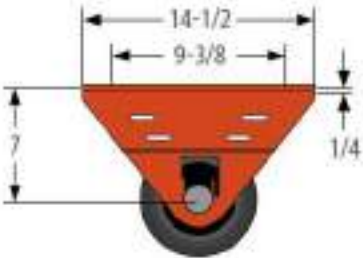
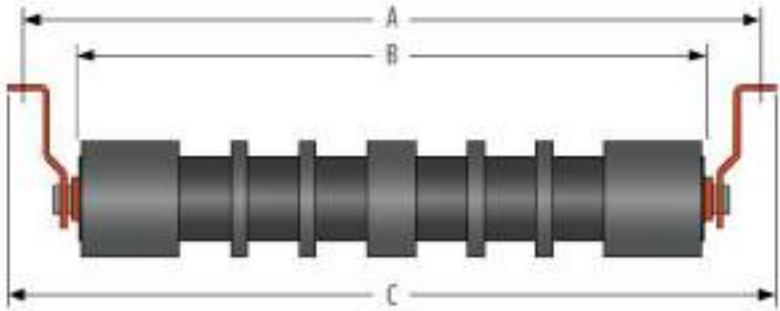
SLOTTED FOR 3/4" Ø BOLT



FLAT IDLERS: 7" AND 8" DIAMETER

PART NUMBER		BW	A	B	C	WT (#)	
7"	8"					7"	8"
G7-FLT-60-60DT	G8-FLT-60-60DT	60	69	61	71	323	373
G7-FLT-72-60DT	G8-FLT-72-60DT	72	81	75	83	377	432
G7-FLT-84-60DT	G8-FLT-84-60DT	84	93	87	95	431	492
G7-FLT-96-60DT	G8-FLT-96-60DT	96	105	99	107	485	552
G7-FLT-108-60DT	G8-FLT-108-60DT	108	117	111	119	539	613
G7-FLT-120-60DT	G8-FLT-120-60DT	120	129	123	131	593	672

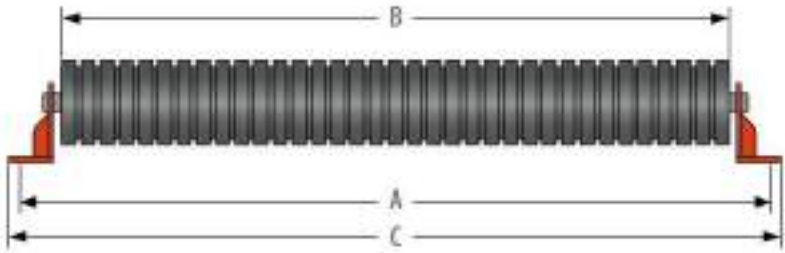
60DT IDLERS



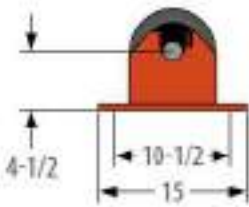
SLOTTED FOR 3/4" Ø BOLT

RUBBER CUSHION RETURN IDLERS: 8" DIAMETER

PART NUMBER	BW	A	B	C	WT (#)
GR-RET-60-60DT	60	69	63	73	355
GR-RET-72-60DT	72	81	75	83	415
GR-RET-84-60DT	84	93	87	95	475
GR-RET-96-60DT	96	105	99	107	535
GR-RET-108-60DT	108	117	111	119	595
GR-RET-120-60DT	120	129	123	131	655



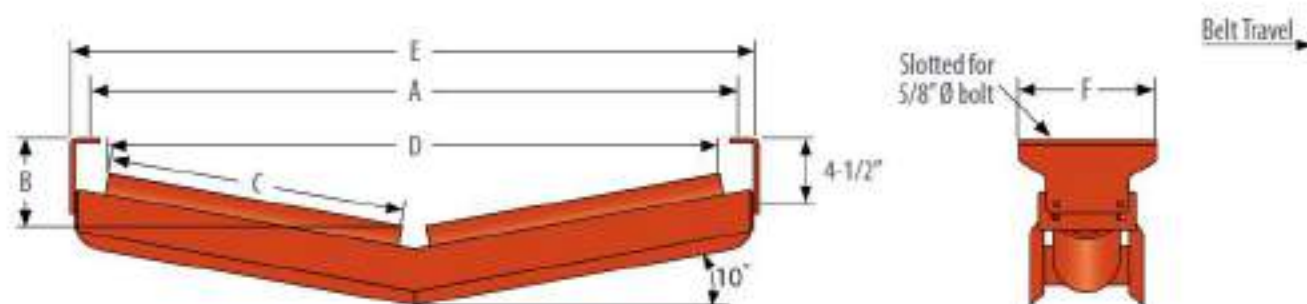
SLOTTED FOR 3/4" Ø BOLT



RUBBER CUSHION FLAT IDLERS: 8" DIAMETER

PART NUMBER	BW	A	B	C	WT (#)
GR-FLT-60-60DT	60	69	63	73	305
GR-FLT-72-60DT	72	81	75	83	415
GR-FLT-84-60DT	84	93	87	95	475
GR-FLT-96-60DT	96	105	99	107	535
GR-FLT-108-60DT	108	117	111	119	595
GR-FLT-120-60DT	120	129	123	131	655

60DT IDLERS



For wider base use next size larger belt width. Also available in 15°.

V-RETURN IDLERS: 7 & 8 INCH DIAMETER

PART NUMBER		BW	A	B		C	D		E	F	G	WT (#)	
7"	8"			7"	8"		7"	8"				7"	8"
G7-10RETV-60-60DT	G8-10RETV-60-60DT	60	69	9-3/16	8-11/16	31-1/2	64-1/2	64-5/16	72-1/2	17-11/16	14-1/2	462	528
G7-10RETV-72-60DT	G8-10RETV-72-60DT	72	81	10-1/4	9-3/8	37-1/2	76-1/2	76-5/16	84-1/2	18-3/4	14-1/2	1194	1340
G7-10RETV-84-60DT	G8-10RETV-84-60DT	84	93	11-1/4	10-13/16	43-1/2	88-1/2	88-5/16	96-1/2	19-13/16	14-1/2	693	681
G7-10RETV-96-60DT	G8-10RETV-96-60DT	96	105	12-3/8	11-15/16	50	100-1/2	100-5/16	108-1/2	20-7/8	14-1/2	678	763
G7-10RETV-108-60DT	G8-10RETV-108-60DT	108	117	13-3/8	12-7/8	55-1/2	112-1/2	112-5/16	120-1/2	21-15/16	14-1/2	744	835
G7-10RETV-120-60DT	G8-10RETV-120-60DT	120	129	14-3/8	13-15/16	61-1/2	124-1/2	124-5/16	132-1/2	23	14-1/2	815	911

COMPONENT PARTS AND REPLACEMENT ROLLS

CEMA B REPLACEMENT ROLLS

CEMA B REPLACEMENT IDLER ROLLS					
BW	Assembled Roll Approx. Length	4" Dia. Roll Part Number	WT (#)	5" Dia. Roll Part Number	WT (#)
14 & 16	6-1/16	B4-14	4	B5-14	6
18	7-1/16	B4-18	5	B5-18	7
20	7-11/16	B4-20	5	B5-20	7
24	9-1/16	B4-24	6	B5-24	8
30	11-1/16	B4-30	7	B5-30	10
36	13-1/16	B4-36	8	B5-36	11
42	15-1/16	B4-42	9	B5-42	13
48	17-1/16	B4-48	10	B5-48	14
18	7-1/16	B4-EI-18	6	B5-EI-18	7
20	7-11/16	B4-EI-20	7	B5-EI-20	8
24	9-1/16	B4-EI-24	8	B5-EI-24	9
30	11-1/16	B4-EI-30	9	B5-EI-30	11
36	13-1/16	B4-EI-36	11	B5-EI-36	13
42	15-1/16	B4-EI-42	12	B5-EI-42	15
48	17-1/16	B4-EI-48	14	B5-EI-48	17

CEMA C REPLACEMENT ROLLS

CEMA C REPLACEMENT IDLER ROLLS							
BW	Assem. Roll Approx. Length	4" Dia. Roll Part Number	WT (#)	5" Dia. Roll Part Number	WT (#)	6" Dia. Roll Part Number	WT (#)
18	7-1/16	C4-18	6	C5-18	8	C6-18	10
24	9-1/16	C4-24	7	C5-24	9	C6-24	11
30	11-1/16	C4-30	8	C5-30	11	C6-30	15
36	13-1/16	C4-36	9	C5-36	12	C6-36	17
42	15-1/16	C4-42	10	C5-42	14	C6-42	19
48	17-1/16	C4-48	11	C5-48	15	C6-48	21
54	19-1/16	C4-54	12	C5-54	17	C6-54	24
60	21-1/16	C4-60	13	C5-60	19	C6-60	26
18	7-1/16	C4-EI-18	7	C5-EI-18	8	C6-EI-18	10
24	9-1/16	C4-EI-24	8	C5-EI-24	10	C6-EI-24	11
30	11-1/16	C4-EI-30	10	C5-EI-30	12	C6-EI-30	15
36	13-1/16	C4-EI-36	12	C5-EI-36	14	C6-EI-36	18
42	15-1/16	C4-EI-42	13	C5-EI-42	16	C6-EI-42	21
48	17-1/16	C4-EI-48	15	C5-EI-48	18	C6-EI-48	23
54	19-1/16	C4-EI-54	17	C5-EI-54	20	C6-EI-54	26
60	21-1/16	C4-EI-60	18	C5-EI-60	23	C6-EI-60	29

COMPONENT PARTS AND REPLACEMENT ROLLS

CEMA D REPLACEMENT ROLLS

CEMA D REPLACEMENT IDLER ROLLS					
BW	Length*	5" Dia. Roll Part Number	WT (#)	6" Dia. Roll Part Number	WT (#)
18	7-1/16	D5-18	10	D6-18	12
24	9-1/16	D5-24	11	D6-24	15
30	11-1/16	D5-30	13	D6-30	17
36	13-1/16	D5-36	15	D6-36	20
42	15-1/16	D5-42	16	D6-42	23
48	17-1/16	D5-48	18	D6-48	24
54	19-1/16	D5-54	20	D6-54	27
60	21-1/16	D5-60	22	D6-60	29
72	25-1/16	D5-72	25	D6-72	34
18	7-1/16	D5-II-18	11	D6-II-18	13
24	9-1/16	D5-II-24	14	D6-II-24	16
30	11-1/16	D5-II-30	16	D6-II-30	19
36	13-1/16	D6-II-36	19	D6-II-36	23
42	15-1/16	D6-II-42	22	D6-II-42	26
48	17-1/16	D6-II-48	26	D6-II-48	29
54	19-1/16	D6-II-54	27	D6-II-54	32
60	21-1/16	D6-II-60	30	D6-II-60	36
72	25-1/16	D6-II-72	36	D6-II-72	42

Equal Length Idler Rolls

Rubber Impact Idler Rolls

CEMA E REPLACEMENT ROLLS

CEMA E REPLACEMENT IDLER ROLLS					
BW	Length*	6" Dia. Roll Part Number	WT (#)	7" Dia. Roll Part Number	WT (#)
36	12-3/8	E6-36	32	E7-36	36
42	14-3/8	E6-42	38	E7-42	40
48	17-1/2	E6-48	41	E7-48	46
54	19-1/2	E6-54	45	E7-54	51
60	21-1/2	E6-60	49	E7-60	55
72	25-1/2	E6-72	57	E7-72	64
84	29-1/2	E6-84	65	E7-84	73
96	33-1/2	E6-96	73	E7-96	81
36	12-3/8	E6-EI-36	29	E7-EI-36	29
42	14-3/8	E6-EI-42	33	E7-EI-42	33
48	17-1/2	E6-EI-48	38	E7-EI-48	39
54	19-1/2	E6-EI-54	43	E7-EI-54	43
60	21-1/2	E6-EI-60	47	E7-EI-60	47
72	25-1/2	E6-EI-72	54	E7-EI-72	54
84	29-1/2	E6-EI-84	62	E7-EI-84	62
96	33-1/2	E6-EI-96	70	E7-EI-96	70

Equal Length Idler Rolls

Rubber Impact Idler Rolls

OTHER PARTS

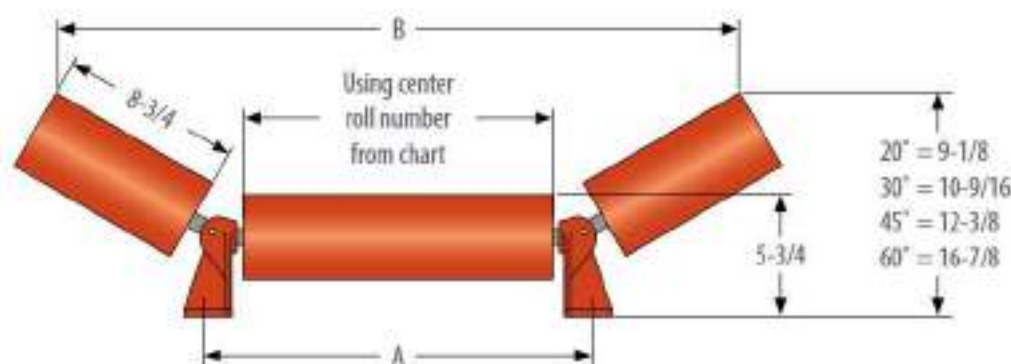
PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION
13-01412	Hex Nut Adapter - Superior	13-10071	CEMA C 35° Center Stand Clip
09-104200	CEMA D Rubber Disc 4" Dia. x 2" I.D.	13-10072	CEMA C 45° Center Stand Clip
09-105200	CEMA E Rubber Disc 5" Dia. x 2" I.D.	13-10073	CEMA D 20° Center Stand Clip
09-104225	CEMA C Rubber Disc 4" Dia. x 2 1/4" I.D.	13-10074	CEMA D 35° Center Stand Clip
09-105225	CEMA C Rubber Disc 5" Dia. x 2 1/4" I.D.	13-10075	CEMA D 45° Center Stand Clip
09-106225	CEMA C Rubber Disc 6" Dia. x 2 1/4" I.D.	13-10068	CEMA B & C End Stand Clip
09-105100	CEMA D Rubber Disc 5" Dia. x 1" I.D.	13-10069	CEMA D End Stand Clip
09-106100	CEMA D Rubber Disc 6" Dia. x 2" I.D.	03-02501	CEMA B Bearing and Seal Kit
09-106400	CEMA E Rubber Disc 6" Dia. x 4" I.D.	03-02502	CEMA C Bearing and Seal Kit
09-107400	CEMA E Rubber Disc 7" Dia. x 4" I.D.	03-02503	CEMA D Bearing and Seal Kit
13-10079	CEMA C 20° Center Stand Clip	03-02400	CEMA E Bearing and Seal Kit



Hex Nut Adapter

* Assembled roll approximate length

40 SERIES IDLERS

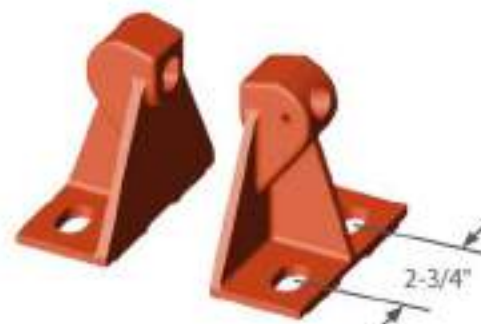


40 SERIES IDLER

CENTER ROLL PART #	POWER-SCREEN NUMBER	RCMD. BW	A	B				CENTER ROLL LENGTH	SHAFT LENGTH
				20°	30°	45°	60°		
43-000010	0760238	24	11-7/8	27-15/16	25-11/16	21-3/4	13-9/16	8.14	9.20
43-000011	02621138	30	15-3/4	31-11/16	29-11/16	25-5/8	17-7/16	12.00	13.06
43-000012	08010101	30	18-5/8	34-11/16	32-9/16	28-1/2	20-5/16	14.87	15.93
43-000013	06530102	36	22-5/8	38-11/16	36-9/16	32-1/2	24-5/16	18.87	19.93
43-000014	05120115	36	24-9/16	40-5/8	38-1/2	34-7/16	26-1/4	20.87	21.93
43-000015	04220133	42	28-7/8	44-15/16	42-13/16	38-3/4	30-9/16	25.15	26.21
43-000016	09130180	42	30-1/2	46-9/16	44-7/16	40-3/8	32-3/16	26.75	27.81
43-000017	09120129	48	38-13/16	54-7/8	52-3/4	48-11/16	40-1/2	35.07	36.13
43-000018	05220101	54	39-9/16	55-5/8	53-1/2	49-7/16	41-1/4	33.87	34.93

CENTER BRACKETS

PART NUMBER	POWER-SCREEN #	DESCRIPTION	DEGREE
43-000021	11092003 08102009	Center bracket only	20
43-000022	11092005 08102007	Center bracket only	30
43-000023	11092004 08102005	Center bracket only	45
43-000024	11092010 08102011	Center bracket only	60



OUTSIDE ROLLS

PART NUMBER	POWER-SCREEN #	DESCRIPTION	DEGREE	ROLL LENGTH
43-000019	8-3/4	Outside roller only	Fits all degrees	8-3/4

RETURN ROLLS

PART NUMBER	POWER-SCREEN #	ROLL LENGTH	SHAFT LENGTH	METRIC SIZE	RCMD. BW
43-000025	08021145	38.00	33.00	1.840	24
43-000026	06530103	33.50	38.50	1.978	30
43-000027	05420143	33.62	38.62	1.980	30
43-000028	08010102	35.50	40.50	1.1025	30
43-000029	05120116	40.00	45.00	1.1145	36
43-000030	05220104	53.50	58.50	1.1485	48
43-000031	07230107	62.00	67.00	1.1790	60

RETURN ROLL U-BOLTS

PART NUMBER	SHAFT DIAMETER
13-00004	1
13-00005	0.75

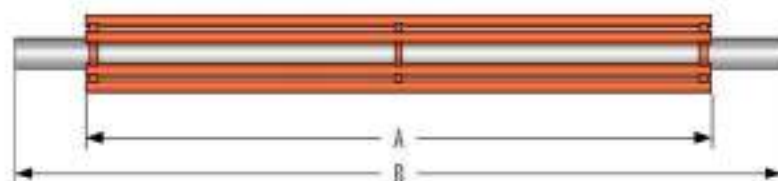
Add "TTM", "DRY", "WET", "LOW" to the end of the part number to add application specific seals.

LIVE SHAFT IDLERS



LIVE SHAFT ROLLER: 4", 5" AND 6" DIAMETER (STEEL AND IMPACT)

PART NUMBER						BW	A	B
4" DIAMETER	WT (#)	5" DIAMETER	WT (#)	6" DIAMETER	WT (#)			
LS-418	41	LS-518	47	LS-618	54	18	21-5/16	30-5/16
LS-430	44	LS-530	50	LS-630	58	20	23-5/16	32-5/16
LS-424	51	LS-524	58	LS-624	66	24	27-5/16	36-5/16
LS-430	60	LS-530	68	LS-630	79	30	33-5/16	42-5/16
LS-436	69	LS-536	79	LS-636	91	36	39-5/16	48-5/16
LS-442	78	LS-542	89	LS-642	103	42	45-5/16	54-5/16
LS-448	87	LS-548	100	LS-648	115	48	51-5/16	60-5/16
LS-454	97	LS-554	111	LS-654	128	54	57-5/16	66-5/16
LS-460	106	LS-560	121	LS-660	140	60	63-5/16	72-5/16



BEATER BAR RETURN ROLL: 1-7/16" AND 1-15/16" SHAFT SIZE

ROLL DIAMETER		BW	A	B	WT		ROLL DIAMETER	BW	A	B	WT (#)	
5"	6"				5"	6"					5"	6"
LSB-518-107	LSB-618-107	18	21-5/16	30-5/16	36	38	LSB-518-115	18	21-5/16	30-5/16	47	49
LSB-524-107	LSB-624-107	24	27-5/16	36-5/16	44	46	LSB-524-115	24	27-5/16	36-5/16	57	59
LSB-530-107	LSB-630-107	30	33-5/16	42-5/16	53	56	LSB-530-115	30	33-5/16	42-5/16	69	71
LSB-536-107	LSB-636-107	36	39-5/16	48-5/16	61	64	LSB-536-115	36	39-5/16	48-5/16	79	82
LSB-542-107	LSB-642-107	42	45-5/16	54-5/16	69	72	LSB-542-115	42	45-5/16	54-5/16	89	92
LSB-548-107	LSB-648-107	48	51-5/16	60-5/16	79	83	LSB-548-115	48	51-5/16	60-5/16	100	104
LSB-554-107	LSB-654-107	54	57-5/16	66-5/16	87	91	LSB-554-115	54	57-5/16	66-5/16	111	115
LSB-560-107	LSB-660-107	60	63-5/16	72-5/16	95	99	LSB-560-115	60	63-5/16	72-5/16	121	125
LSB-572-107	LSB-672-107	72	75-5/16	84-5/16	112	117	LSB-572-115	72	75-5/16	84-5/16	143	148

Note: Impact designated by (LSI-)

Bearings not included but available (03-00115 SCM 1-15/16 bearing and 03-00115 1-7/16" bearing)

Note: Part number for live shaft bearing 107: 03-00110

Note: Part number for live shaft bearing 115: 03-00115

SPECIALIZED IDLER DESIGNS



SUPERIOR INGENUITY

Examples of custom conveyor components:

- » Modified bolt centers
- » Neoprene & rubber coating
- » Special roller lengths
- » Various shaft styles
- » Special dimensions
- » Wire rope idlers
- » Custom return rolls to fit existing brackets
- » Special guide idlers
- » Scale quality idlers
- » Lagged Return Rollers



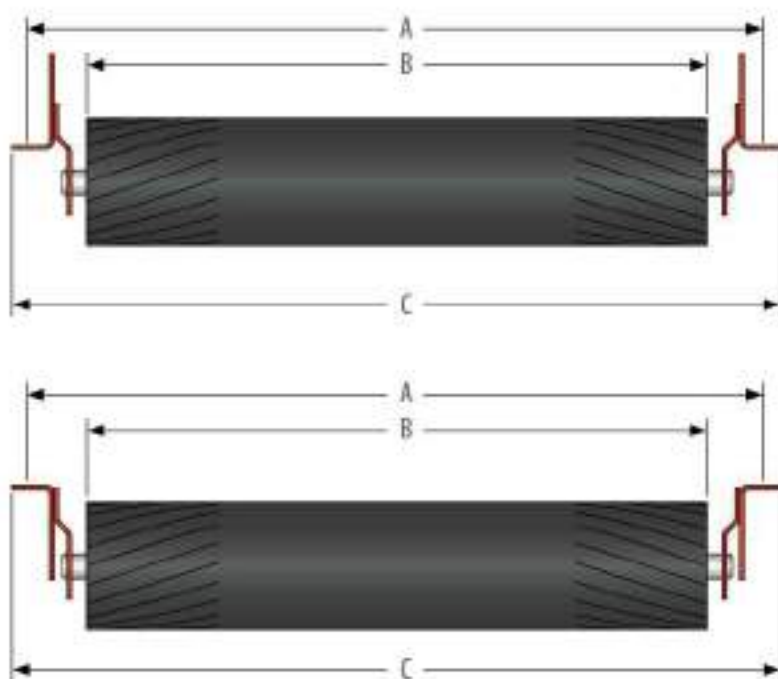
POWDER COATED PROTECTION

To ensure the best quality on all of our conveyor components, all of our idlers are powder coated.

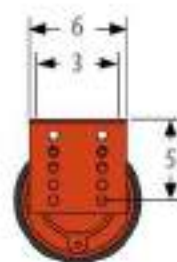


FASTEST LEAD TIMES

- » Quickest deliveries in the industry.
- » In need of standard or specially designed idlers and pulleys? Superior can eliminate the hassles of finding the right component for any application.



Lagged 1.5" Drop



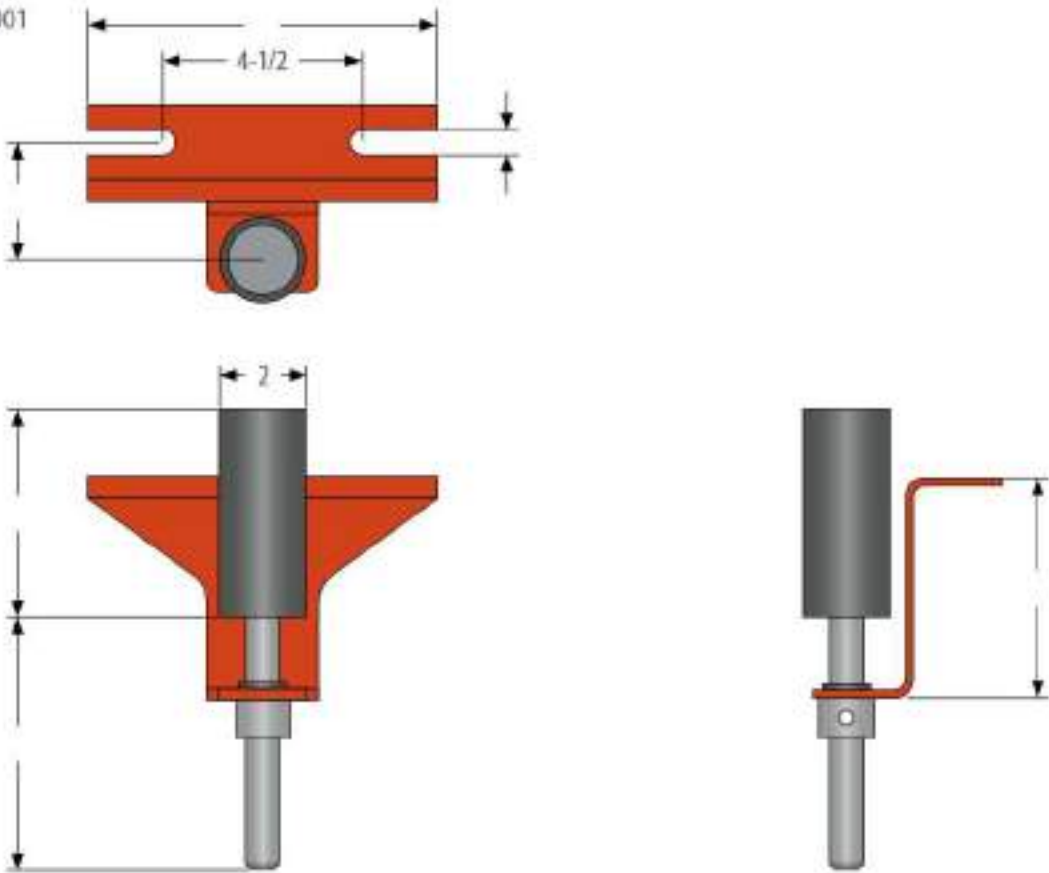
Lagged 4.5 Drop

NAVIGATOR RETURN TRAINER: 7-3/4" AND 7", 10" AND 10-3/4" DIAMETER

PART NUMBER		BW	A	B	C	DIAMETER		WT (#)		STANDARD DROP BRACKET	BIDIRECTIONAL DROP BRACKET
LAGGED	NOT LAGGED					LAGGED	NOT LAGGED	LAGGED	NOT LAGGED		
NRT-24LAG	NRT-24	24	31	26	35	7-3/4	7	87	76	32-010009	32-010050
NRT-30LAG	NRT-30	30	39	32	41	7-3/4	7	101	88	32-010009	32-010050
NRT-36LAG	NRT-36	36	45	38	47	7-3/4	7	116	100	32-010009	32-010050
NRT-42LAG	NRT-42	42	51	44	53	10-3/4	10	180	153	32-010019	32-010052
NRT-48LAG	NRT-48	48	57	50	59	10-3/4	10	201	171	32-010019	32-010052
NRT-54LAG	NRT-54	54	63	56	65	10-3/4	10	244	210	32-010020	32-010054
NRT-60LAG	NRT-60	60	69	62	71	10-3/4	10	267	230	32-010020	32-010054
NRT-66LAG	NRT-66	66	75	68	77	10-3/4	10	291	250	32-010020	32-010054
NRT-72LAG	NRT-72	72	81	74	83	10-3/4	10	314	269	32-010020	32-010054

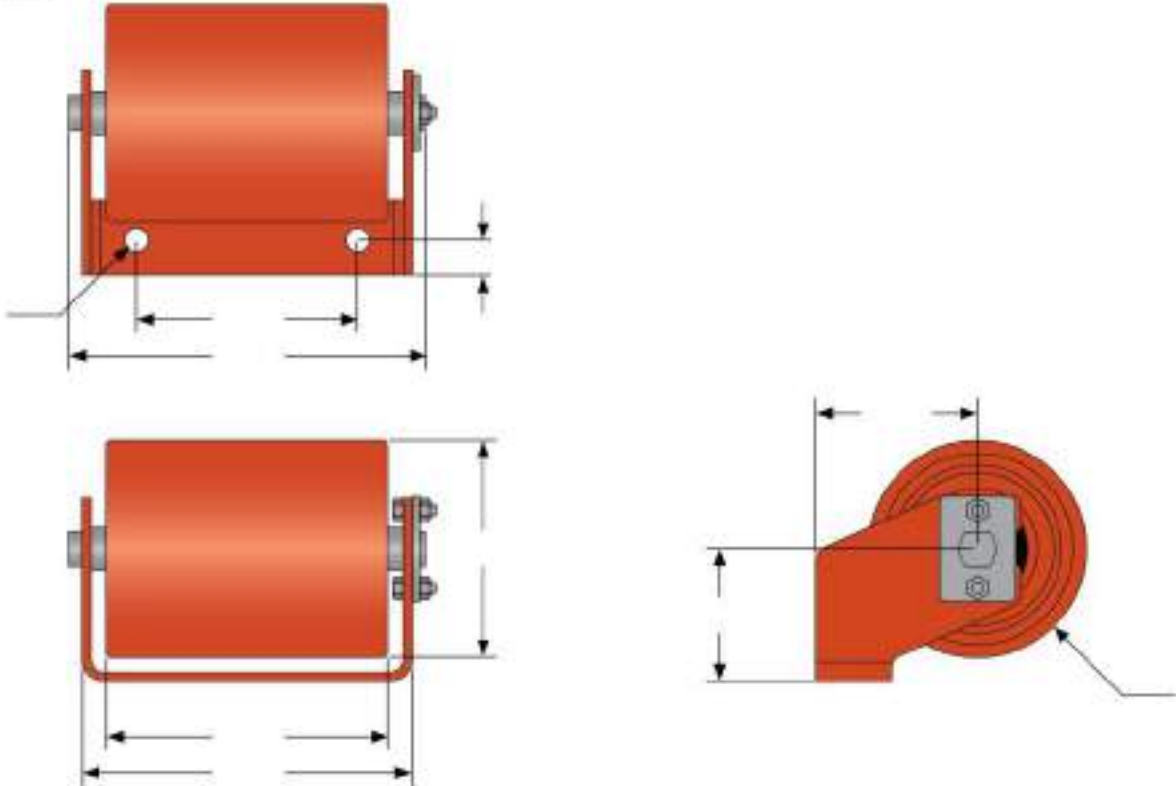
RETURN GUIDES

Part Number: 42-000001



PIPE CONVEYOR ROLLER BRACKET ASSEMBLY

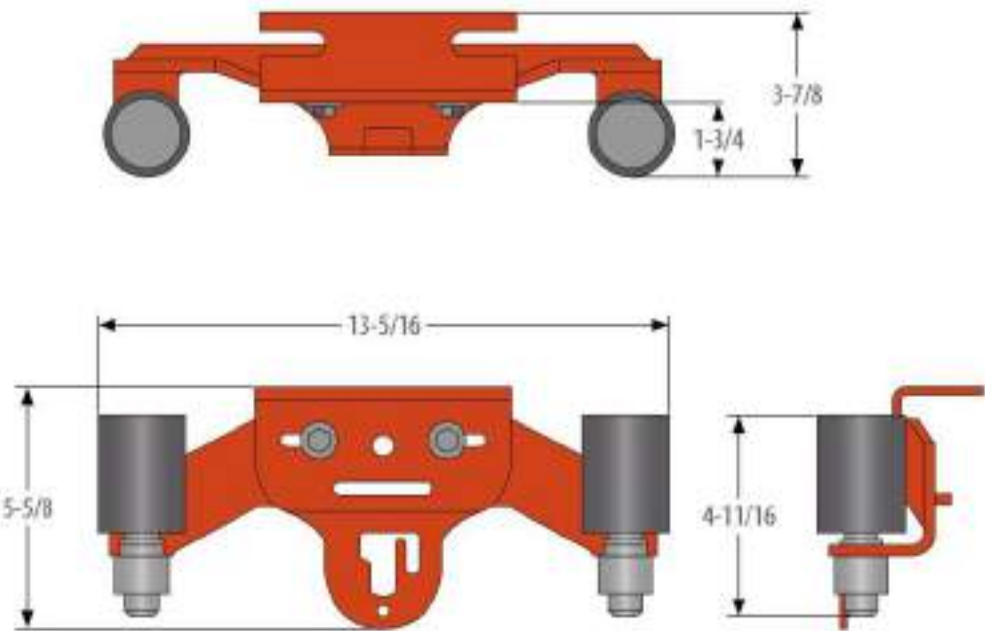
Part Number: 26-500000



COMPONENTS ACCESSORIES

RETURN GUIDE & DROP BRACKET

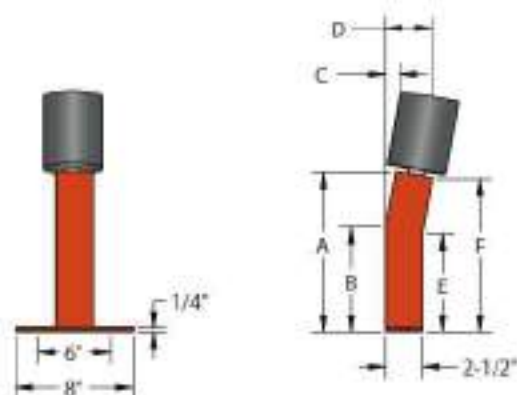
Part Number: 42-000040



COMPONENT ACCESSORIES

SIDE GUIDE IDLERS: 4" X 5-3/8" ROLLERS

PART NUMBER	BW	A	B	C	D	E	F
42-208020	14-20	9-3/16	7-3/16	11/16	3	6-13/16	8-5/16
42-208036	24-36	11-3/16	8-15/16	3/4	3-1/8	8-9/16	10-5/16
42-208048	42-48	13-7/16	11-3/16	3/4	3-1/8	10-13/16	12-9/16
42-208060	54-60	15-3/16	12-3/4	7/8	3-3/16	12-3/8	14-5/16
42-358030	14-38	12-11/16	10-5/8	1-5/16	1-5/16	10	13-1/8
42-358036	30-36	15-1/4	12-3/8	1-7/8	1-15/16	11-3/4	13-13/16
42-358048	42-48	17-15/16	14-1/8	2-9/16	4-9/16	13-1/2	16-1/2
42-358060	54-60	20-11/16	16	3-1/8	5-3/16	15-3/8	19-1/8



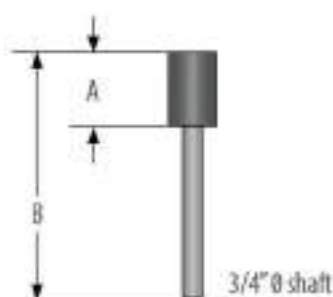
STUB ROLL IDLERS: 4", 5" AND 6" DIAMETER

PART NUMBER	A	B	C	SHAFT	THREAD
*42-464453	4	4	4	17 MM	5/8-18
*42-584455	5	4	4	17 MM	5/8-18
*42-464558	4	4-1/2	4-1/2	17 MM	5/8-18
*42-584558	5	4-1/2	4-1/2	17 MM	5/8-18
*42-464475	4	4	4	3/4	3/4-16
*42-585575	5	5	5	3/4	3/4-16
*42-685575	6	5	5	3/4	3/4-16
*42-485675	4	5	6	3/4	3/4-16
*42-585675	5	5	6	3/4	3/4-16
*42-686675	6	6	6	3/4	3/4-16



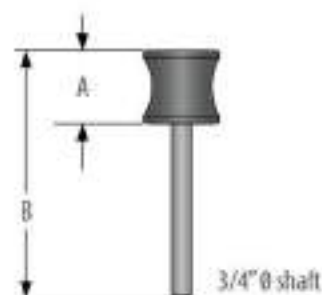
VERTICAL SIDE GUIDE ROLL: 2" AND 4" DIAMETER

PART NUMBER	A	B	WT (#)
42-020275	2-3/4	9-5/4	2
*46-200004	2-3/4	6-3/4	7
42-020475	4-3/4	18-1/2	3
*46-001247	4-3/4	7-3/4	3
42-404538	5-3/8	7-1/8	5



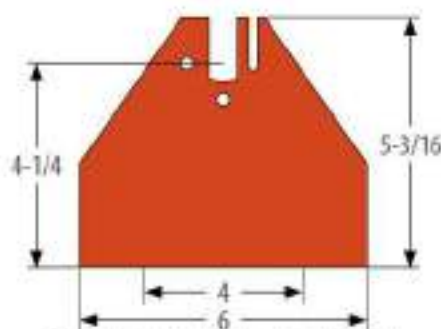
URETHANE VERTICAL SIDE GUIDE ROLL: 3-1/4" DIAMETER

PART NUMBER	A	B	WT (#)
42-325295	2-3/4	9-1/4	5
*42-327275	2-3/4	6-3/4	5
42-325475	4-3/4	10-3/2	8
*42-327675	4-3/4	7-3/4	8

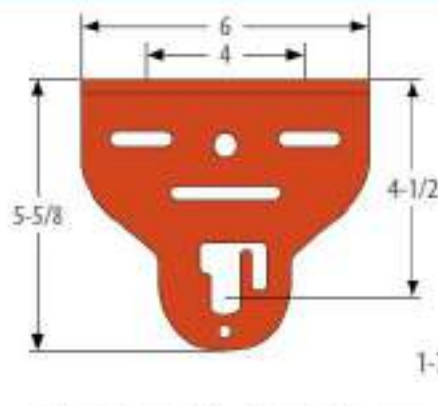
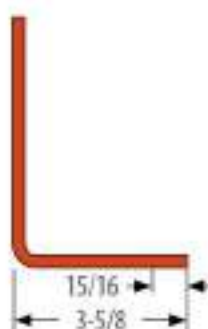


RETURN & FLAT BRACKETS STYLES

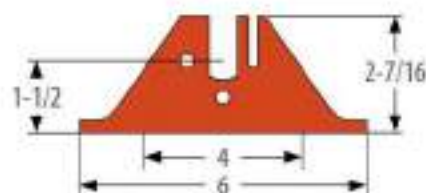
CEMA B, C, AND D BRACKETS



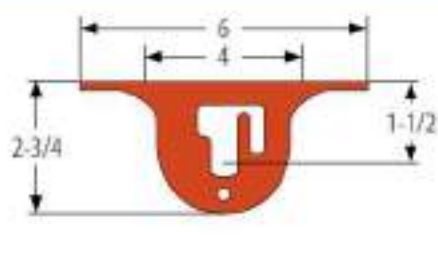
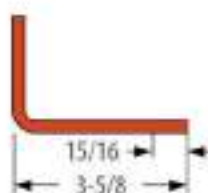
32-000019 4-1/4" Rise Bracket (2.94 lbs)*



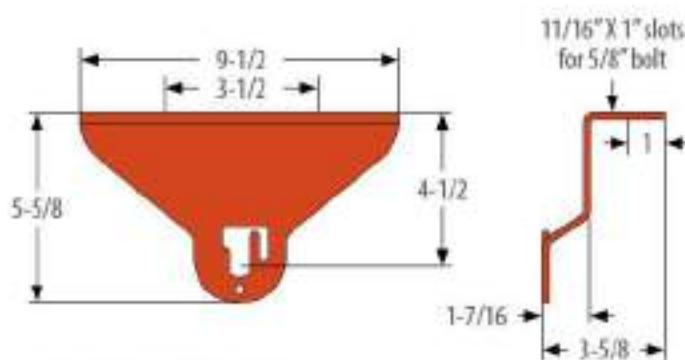
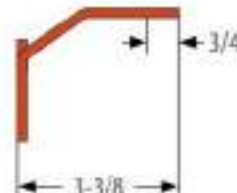
32-000017 4-1/2" Drop Bracket (1.63 lbs)*



32-000020 1-1/2" Rise Bracket (1.78 lbs)*



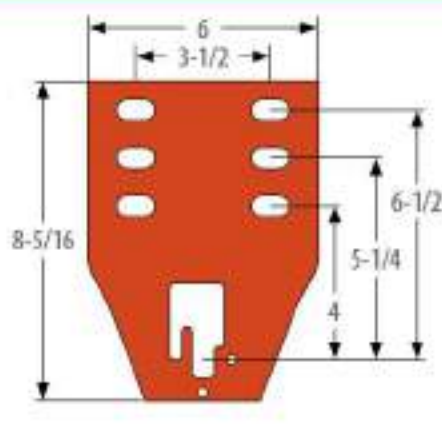
32-000018 1-1/2" Drop Bracket (0.87 lbs)*



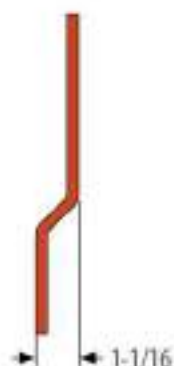
32-000021 4-1/2" (2.32 lbs)*

32-000022 1-1/2" (2.00 lbs)*

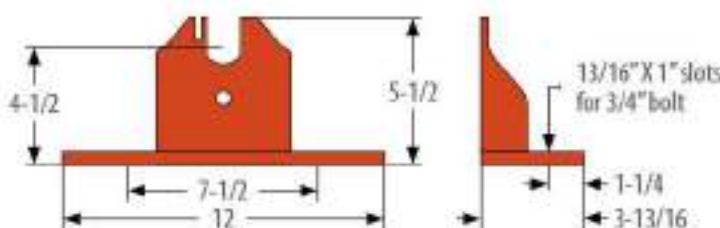
Universal Return Roll Bracket



32-000023 Channel Mount Bracket (2.28 lbs)*



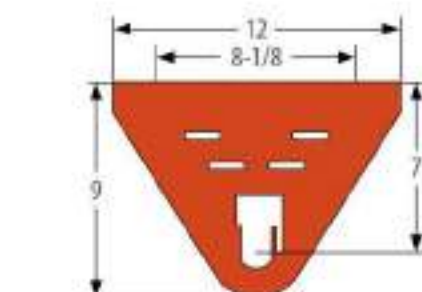
CEMA E BRACKETS



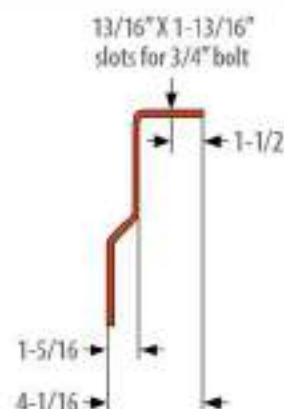
32-010040 1-1/2" Rise Bracket (5.31 lbs)

32-010045 4-1/2" Rise Bracket (7.22 lbs)

32-010036 6" Rise Bracket (8.50 lbs)



32-010075 CEMA E 7" Drop Bracket (6.52 lbs)

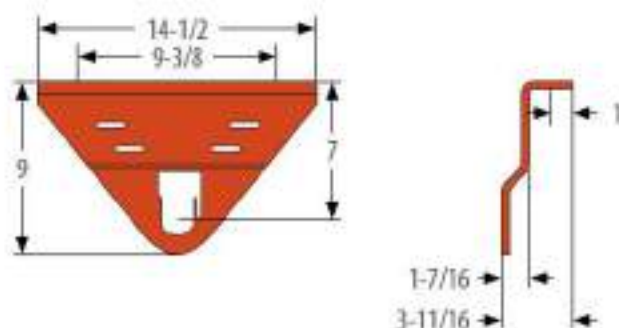


* Part numbers use bold down kits. The hold down kit part numbers include 13-10076 (CEMA B and C) and 13-10077 (CEMA D).

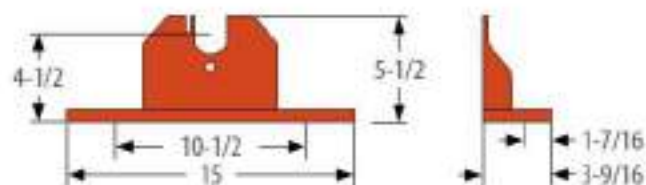
9/16" x 1" slots for 1/2" bolt unless otherwise noted. Brackets are not shown to scale.

RETURN & FLAT BRACKETS STYLES

CEMA F RETURN BRACKETS



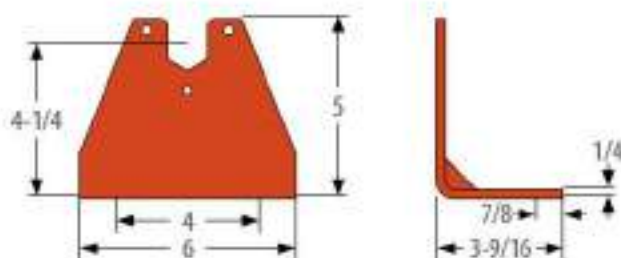
32-060000 CEMA F 7" Drop Bracket (10.56 lbs)



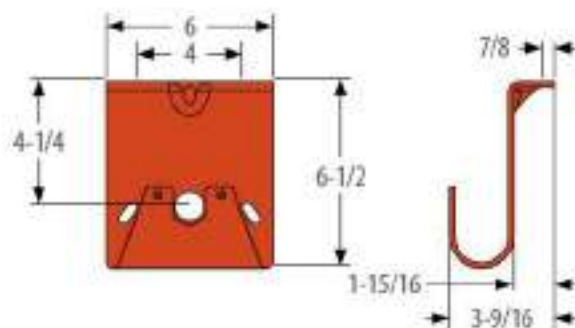
32-060002 CEMA F 4-1/2" Rise Bracket (10.00 lbs)

NOTE: 13/16" x 2-1/4" slots for 3/4" bolt. Brackets are not shown to scale.

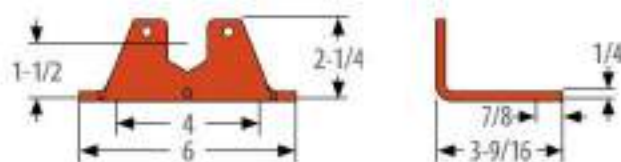
81 & 91 SERIES RETURN BRACKETS - HEX



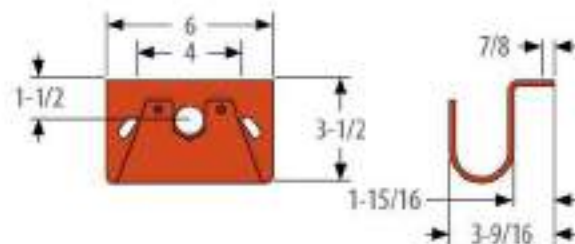
32-000412 4-1/4" Rise Hex Bracket (3.14 lbs)



32-014046 4-1/2" Drop Hex Bracket (3.12 lbs)



32-011608 1-1/2" Rise Hex Bracket (2.00 lbs)

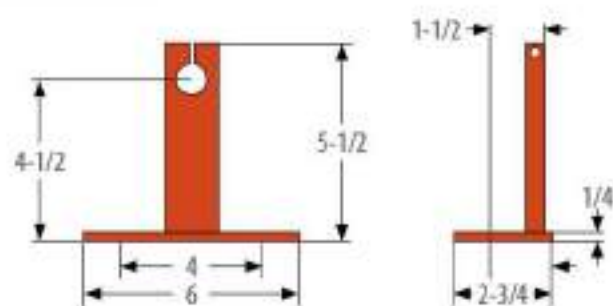


32-015120 1-1/2" Drop Hex Bracket (2.21 lbs)

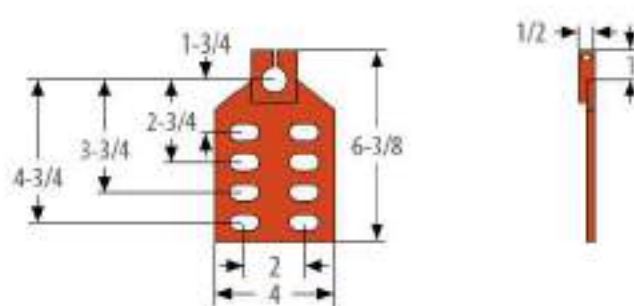
9/16" x 1" slots for 1/2" bolt unless otherwise noted. Brackets are not shown to scale.

RETURN & FLAT BRACKETS STYLES

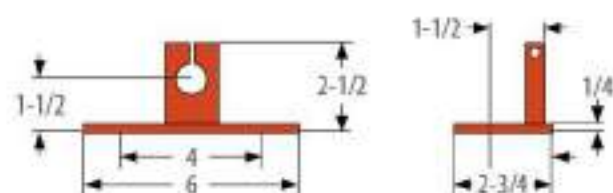
CB BRACKETS



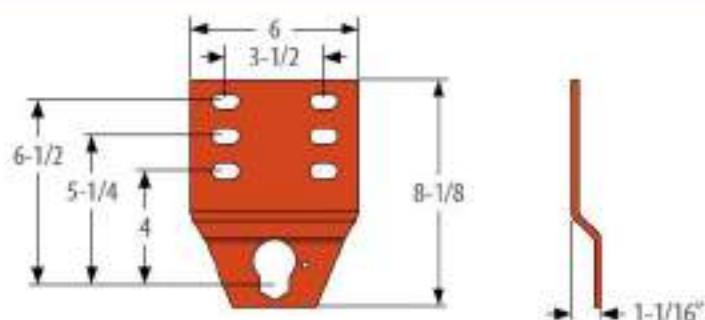
32-410450 4-1/2" CB Bracket (2.10 lbs)



32-506000 CB Channel Mount Hex Bracket (2.00 lbs)



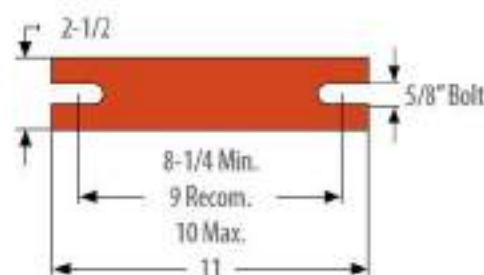
32-044081 1-1/2" CB Bracket (1.40 lbs)



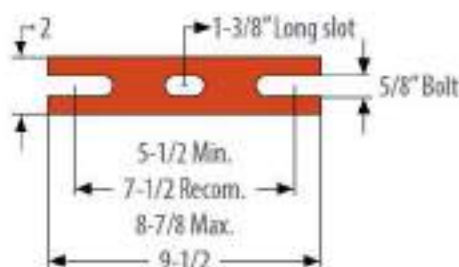
32-044080 CM Channel Mount Hex Bracket (2.00 lbs)

BASE PLATES

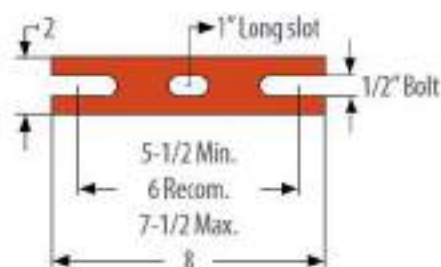
CEMA B, C AND D IDLERS



54"-72" Belt Width CEMA C & D (2.67 lbs)
33-032511



42"-48" BW CEMA B (1.34 lbs)
24"-48" BW CEMA C & D
33-000595

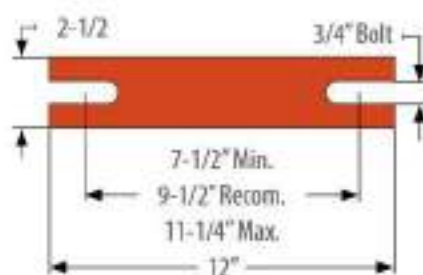


14"-36" BW CEMA B (0.97 lbs)
14"-20" BW CEMA C
33-018780

CEMA E, F, AND DOUBLE TUBE IDLERS



F, 50 DT, 60 DT
33-001008



E, 40 DT, 45 DT
36"-72" BW
33-001001



E, 40 DT, 45 DT
78"-108" BW
33-001002

IDLER SELECTION PROCEDURE

INITIAL SELECTION; STEPS 1, 2, AND 3:

Select idler class by comparing calculated idler load with idler load ratings (CIL and CILR) from Tables 2-11 through 2-14. Select impact idler class, if necessary, as shown in Step 3. CEMA idler manufacturers have standard designs meeting these load ratings and dimensional standards shown in tables listed in this publication.

BEARING L10 LIFE CORRECTION; STEPS 4, 5, AND 6:

Factors K2 (Fig. 2.5) and K3A (Fig. 2.6) are multiplying factors used to adjust basic L10 life rating of idler class selected. Factor K2 is based on percent of idler load and K3A is factor of actual roll speed (RPM). Factor K3B (Fig. 2.7), step 5 is an optional step showing advantage of using larger diameter rolls. It can be used as a multiplier to save repeating step 5 if a larger diameter roll is used.

DETERMINE POTENTIAL IDLER LIFE; STEP 7:

Factors K4A (Fig. 2.8), K4B (Fig. 2.9), and K4C (Fig. 2.10) show conditions which will affect idler life and are independent of bearing L10 life, idler load and idler class. Use these figures to evaluate the potential expected idler life.

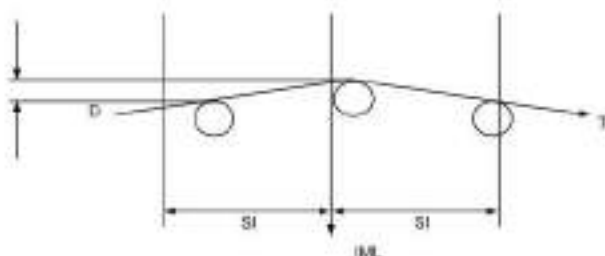
STEP NO.1 TROUGHING IDLERS SERIES SELECTION

Calculated Idler Load (lbs.) = $CIL = ((WB + (WM \times K1)) \times SI) + IML$

Where:

WB= Belt weight (lbs./ft.) use actual or estimate from Table 2-1

WM= Material weight (lbs./ft.) = $(Q \times 2000) / (60 \times V)$



Q= Quantity of material conveyed (Tons per hour)

V= Design belt speed (FPM)

SI= Spacing of idlers (ft.)

K1= Lump adjustment factor (see Table 2-2)

Note: Actual weight of lump should be compared with WM value; In situations it may be necessary to use actual lump weight as WM.

IML= Idler misalignment load (lbs.) due to idler height deviation and belt tension = $(D \times T) / (6 \times SI)$

Where:

D= Misalignment (inches)

T= Belt Tension (lbs.)

SI= Idler Spacing (feet)

When an idler is higher than the adjacent idler, a component of belt tension will add load to that idler. The amount of height deviation can vary with the installation and type of idler. CEMA publication on "Conveyor Installation Standards" (Appendix D, "Belt Conveyors for Bulk Material," Fifth Edition or later) lists recommendations on structure misalignment.

Use CIL and select proper series of idler from Tables 2-11 through 2-14. CIL value should be equal to or less than idler rating.

This troughing idler selection procedure for calculating idler load does not include the following:

1. Impact force on idler at loading points.
2. Effect of belt transitions (head and tail pulley) on idler load.

TABLE 2-1 WB ESTIMATED AVERAGE BELT WEIGHT FOR MULTIPLE AND REDUCED PLY BELTS PER UNIT LENGTH

BELT WIDTH (INCHES)	MATERIAL CARRIED, LBS./CU. FT.		
	30-74	75-129	130-200
18	3.5	4	4.5
24	4.5	5.5	6
30	6	7	8
36	8	10	12
42	11	12	14
48	14	15	17
54	16	17	19
60	18	20	22
72	21	24	26
84	25	30	33
96	30	35	38

1. Steel cable belts increase above value by 50%.

2. Actual belt weights may vary with different constructions, manufacturers, cover gauges, etc. Use the above values for estimating. Obtain actual values from the belt manufacturer whenever possible.

TABLE 2-2 K1 LUMP ADJUSTMENT FACTOR

MATERIAL LUMP SIZE (INCHES)	MATERIAL WEIGHT, LBS./CU. FT.						
	50	75	100	125	150	175	200
4	1.8	1.0	1.0	1.0	1.1	1.1	1.1
6	1.8	1.0	1.0	1.1	1.1	1.1	1.1
8	1.8	1.0	1.1	1.1	1.2	1.2	1.2
10	1.8	1.1	1.1	1.1	1.2	1.2	1.2
12	1.8	1.1	1.1	1.2	1.2	1.2	1.3
14	1.1	1.1	1.1	1.2	1.2	1.3	1.3
16	1.1	1.1	1.2	1.2	1.3	1.3	1.3
18	1.1	1.1	1.2	1.2	1.3	1.3	1.4

STEP NO. 2 RETURN IDLER SERIES SELECTION

Calculated Idler Load (lbs.) = $CILR = (WB \times SI) + IML$

Use CILR and select proper series of idler from Tables 2-11 through 2-14. CILR should be equal to or less than return idler rating.

STEP NO. 3 IMPACT IDLER SERIES SELECTION

For homogeneous material without lumps:

Impact Force (lbs.) = $F = (0.1389)Q\sqrt{H}$

Where:

Q= Rate of flow (ST/hr)

H= Height of fall (ft.)

The calculated impact force, (F) is then multiplied by an impact idler spacing factor, f (Table 2-3), to determine the impact force on one idler.

Unit Impact Force (lbs.) = $F_u = F(f)$

TABLE 2-3 IMPACT IDLER SPACING FACTOR

SI IMPACT	FACTOR f
1' 0"	0.5
1' 6"	0.7
2' 0"	0.9
>2' 0"	1

IDLER SELECTION PROCEDURE

Use this unit impact force, F_u , and select proper series of impact idler from Tables 2-11 through 2-14. F_u should be equal to or less than idler rating.

For material containing large lumps:
Impact Force (lbs.) = $F = W + (2KH)H^{1/2}$
Where:

W= Weight of lump (lbs.)

H= Height of fall (ft.)

K= Spring constant for specific idler type (lbs./ft.)

Use calculated energy rating, WH, and maximum lump size to select proper series of impact idler from Table 2-4. Both WH and lump size should be equal to or less than energy rating and maximum lump size.

Note: Both cases (material without lumps and material containing large lumps) should always be considered and the heavier duty idler selected to insure adequate impact resistance capabilities.

TABLE 2-4 ENERGY RATINGS FOR IMPACT IDLERS

3-ROLL RUBBER IMPACT IDLERS (EQUAL LENGTH ROLLS)		
CEMA Series	WH (lbs.-ft.)	Maximum Lump Size (in.)
B	40	4
C	160	6
D	240	8
E	460	12

STEP NO. 4 K2 = EFFECT OF LOAD ON PREDICTED BEARING L10 LIFE

When Calculated Idler Load (CIL) is less than CEMA load rating of series idler selected, the bearing L10 life will increase.

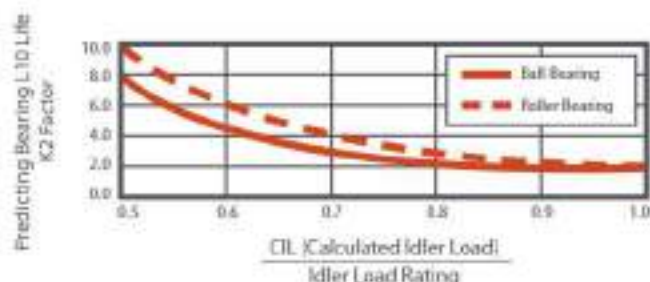


Figure 2-5 Effect of Load on Predicted Bearing L10 Life

STEP NO. 5 K3A = EFFECT OF BELT SPEED ON PREDICTED BEARING L10 LIFE

CEMA L10 life ratings are based on 500 rpm. Slower speeds increase life and faster speeds decrease life. Figure 2-6 shows this relationship.

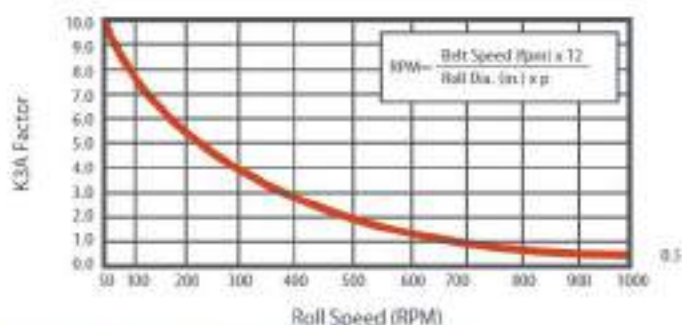
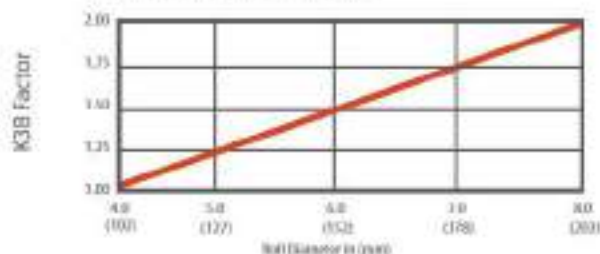


Figure 2-6 Effect of Belt Speed on Predicted Bearing L10 Life

STEP NO. 6 K3B = EFFECT OF ROLL DIAMETER ON PREDICTED BEARING L10 LIFE

For a given belt speed, using larger diameter rolls will increase idler L10 life adjustments for various roll diameters using 4" diameter as a value of 1.0. Percent life increase can be calculated for each roll diameter increase.

Example: 1.5 for 6" diameter or 1.25 for 5" diameter = 1.20 or 20% increase in L10 life.



Note: In addition to increased predicted bearing L10 life, larger diameter rolls can increase idler wear life.

Figure 2-7 K3B = Effect of Roll Diameter on Predicted Bearing L10 Life (Based on the same belt speed)

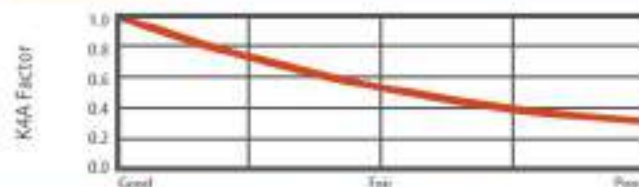


Figure 2-8 K4A = Effect of maintenance on potential idler life

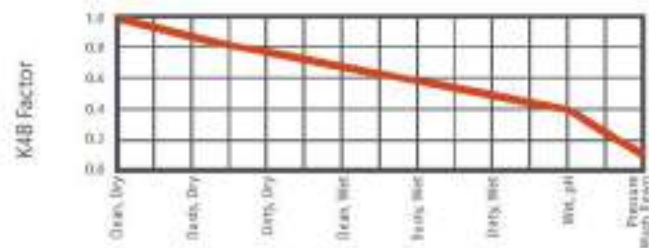


Figure 2-9 K4B = Effect of environment on potential idler life

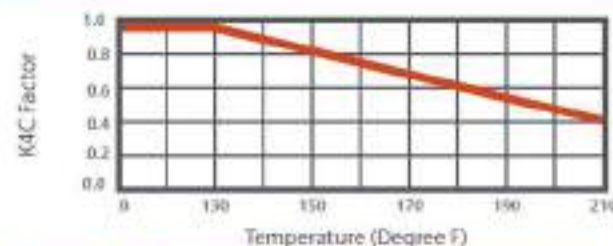


Figure 2-10 K4C = Effect of operating temperature on potential idler life

Based on collective application experience by CEMA idler manufacturers these conditions are important in determining potential idler life. However, exact mathematical basis is subjective so contact your CEMA idler manufacturer for assistance.

IDLER SELECTION PROCEDURE

TABLE 2-11 LOAD RATINGS FOR CEMA B IDLERS, LBS.

BELT WIDTH (INCHES)	TROUGHED ANGLE			SINGLE ROLL RETURN
	20°	35°	45°	
18	410	410	410	720
24	410	410	410	790
30	410	410	410	965
36	410	410	396	155
42	390	363	351	140
48	381	353	342	125

TABLE 2-12 LOAD RATINGS FOR CEMA C IDLERS, LBS.

BELT WIDTH (INCHES)	TROUGHED ANGLE			SINGLE ROLL RETURN	TWO ROLL VEE RETURN
	20°	35°	45°		
18	900	900	900	475	-
24	900	900	900	125	500
30	900	900	900	250	500
36	900	837	810	200	500
42	850	791	765	150	500
48	800	744	720	125	500
54	750	698	675	*	500
60	700	650	630	*	500

*Use CEMA D Return Idler.

TABLE 2-13 LOAD RATINGS FOR CEMA D IDLERS, LBS.

BELT WIDTH (INCHES)	TROUGHED ANGLE			SINGLE ROLL RETURN	TWO ROLL VEE RETURN
	20°	35°	45°		
24	1200	1200	1200	600	-
30	1200	1200	1200	600	-
36	1200	1200	1200	600	850
42	1200	1200	1200	500	850
48	1200	1200	1200	425	850
54	1200	1136	1035	175	850
60	1150	1070	1035	281	850
66	-	-	-	215	850
72	1050	977	945	155	850
78	-	-	-	125	850

TABLE 2-14 LOAD RATINGS FOR CEMA E IDLERS, LBS.

BELT WIDTH (INCHES)	TROUGHED ANGLE			SINGLE ROLL RETURN
	20°	35°	45°	
36	1800	1800	1800	1800
42	1800	1800	1800	1800
48	1800	1800	1800	1800
54	1800	1800	1800	925
60	1800	1800	1800	850
66	-	-	-	775
72	1800	1800	1800	700
78	-	-	-	625
84	1800	1674	1620	550
90	-	-	-	475
96	1750	1620	1575	400
102	-	-	-	250

TABLE 2-15 LOAD RATINGS FOR CEMA F IDLERS, LBS.

BELT WIDTH (INCHES)	TROUGHED ANGLE			SINGLE ROLL RETURN
	20°	35°	45°	
60	3000	3000	3000	1500
72	3000	3000	3000	1200
84	3000	3000	3000	900
96	2800	2800	2800	600

Notes for Tables 2-11 through 2-16

1. Troughing idler load ratings are for three equal length rolls.
2. Load ratings also apply for impact rolls.
3. Troughing idler load ratings are based on a load distribution of 70% on center roll and 15% on each end roll for all trough angles.
4. CEMA B and C ratings based on min. L10 of 30,000 hours at 500 RPM.
5. CEMA D and E ratings based on Min. L10 of 60,000 hours at 500 RPM.

IDLER SELECTION PROCEDURE

TABLE 2-16 LOAD RATINGS FOR CEMA PICKING IDLERS,

BELT WIDTH	CEMA C	CEMA D	CEMA E
24	475	690	-
30	475	690	-
36	325	690	1200
42	250	690	1700
48	200	530	1000
54	150	440	1000
60	125	490	1000
66	-	-	1000
72	-	280	925
84	-	-	775
96	-	-	625

TABLE 2-17 LOAD RATINGS FOR CEMA LIVE SHAFT IDLERS,

BELT WIDTH	CEMA C	CEMA D	CEMA E
18	1200	-	-
24	1200	1400	2100
30	1200	1400	2100
36	1200	1400	2100
42	1100	1400	2100
48	1000	1275	2100
54	875	1150	2100
60	780	1000	2100
72	-	890	2100
84	-	-	1825
96	-	-	1550

TABLE 2-18 BEARING SIZE

CEMA C	CEMA D	CEMA E
1 7/16"	1 15/16"	203

TRAINING IDLERS

Self-aligning idlers operate effectively when empty belt tensions are 200-lbs/in. or less. When empty belt tensions exceed this range, the belt becomes too stiff and makes training difficult. Belt loaded at high tensions and which generate detraining forces due to off-loading cannot be re-aligned with self-aligning idlers. Self-aligning idlers work effectively at low belt tensions to overcome small amounts of idler skew, which make narrow belts easier to train. Self-aligning idlers are especially needed on low tension reversible belts. Conveyor belts that are 48" and wider usually do not need self-aligning idlers even at low belt tensions because the weight of the belt has more training force than is obtainable with a trainer.

The removal of one return idler on each side of a self-aligning return to increase conveyor belt wrap on the idler will increase its self-aligning capacity. An alternative in removing the return idlers is to raise the self-aligner above the return belt line.

When self-aligning return idlers are used, they should be no closer than 12 belt widths from terminals and should not be located on vertical curves.

SELF-ALIGNER SPACING	INDOOR	FOR WIND AND RAIN
In line at standard spacing	200 ft.	350 ft.
(Returns removed to obtain maximum training)	150 ft.	75-100 ft.

BELT CARRYING CAPACITY

The carrying capacity of a belt conveyor depends upon belt width, belt speed, and idler troughing configuration. The following information and charts will help you in selecting the proper size and style of idler.

A. Define the material and its characteristics. Refer to Table 3-1 for weights in lbs. per Cu. Ft. and surcharge angles for some bulk materials.

B. Select belt speed. Refer to Table 3-2 for maximum recommended belt speeds. The most economical selection usually dictates the use of maximum belt speeds.

C. Select required belt width. Using Table 3-3 and the correct surcharge angle for the material being handled, select a belt width. Table 3-3 gives theoretical carrying capacities with various belt widths and idler troughing angles. Table 3-3 is based on a belt speed of 100 FPM and a material weight of 100 lbs. per Cu. Ft. Footnote (1) on the bottom of page 145 tells how to calculate the capacities for other belt speeds and material weights. When determining belt width, belt speed, and troughing configuration, select the narrowest belt that will handle the largest material lumps and transport the required capacity without exceeding the maximum recommended belt speed.

IDLER SELECTION PROCEDURE

TABLE 3-1 - CHARACTERISTICS OF COMMON BULK

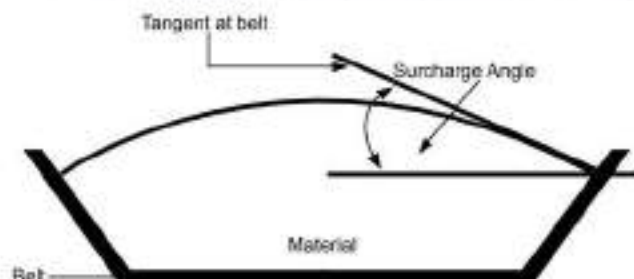
MATERIAL	WEIGHT (LBS/FT ³)	SURCHARGE ANGLE ¹	MAX. CONVEYING ANGLE ²
Ashes, Coal, Dry, - 3"	35-40	25-30	22
Cement, Portland	90-100	25	20
Cement, Clinker	75-80	20	18
Coal, Anthracite, Sized, 3/8" - 6"	55	12	14
Coal, Bitum., Slack	58	21	22
Coal, Bitum., ROM	58	20	18
Coke, Loose	25-30	15	20
Earth, Common, loam, Dry	70-80	15-30	20
Earth, Clay, Dry	100-120	10-30	20
Earth, Moist	80-100	30	22
Gravel, Average, Blended	90-100	15-20	18
Gravel, Sharp	90-100	25	20
Gravel, Rounded	90-100	15	15
Iron Ore	125	20	22
Limestone, Crushed	85-90	25-30	20
Phosphate Rock	75-85	25	20
Salt, Coarse, Dry	40-45	10	20
Salt, Fine, Dry	70-80	15	22
Sand, Bank, Damp	110-120	20-30	22
Sand, Bank, Dry	90-110	10-20	15
Sand, Foundry, Shakedown	90	25	20
Sand, Silica, Dry	90-100	10-20	15
Sand, Saturated	110-120	0-15	15
Shale, Crushed	85-90	25	20
Slag, Furnace, Crushed	85-90	12	18
Waste, Crushed, - 1/2"	80-90	11	20
Soda Ash, Light	25-35	22	20
Soda Ash, Heavy	55-65	17	20
Sulphur, Crushed, - 1/2"	50-65	20	20
Sulphur, Lumpy, - 3"	80-85	25	20
Wheat	45-48	8-15	14
Wood Chips	15-25	30	25

TABLE 3-2 - MAXIMUM RECOMMENDED BELT SPEEDS

MATERIAL BEING CONVEYED	BELT SPEEDS (FPM)	BELT WIDTH (IN.)
Grain or other free-flowing, nonabrasive material	400	18
	600	24-30
	800	36-42
	1000	48-56
Coal, damp clay, soft ores, overburden and earth, fine-crushed stone	600	18
	800	24-36
	1000	42-60
	1200	72-96
Heavy, hard, sharp-edged ore, coarse-crushed stone	400	18
	600	24-36
	800	Over 36
Foundry sand, prepared or damp; shakedown sand with small cores, with or without small castings (not hot enough to harm belting)	200	Any Width
Prepared foundry sand and similar damp (or dry abrasive) materials discharged from belt by rubber-edged plows	200	Any Width
Nonabrasive materials discharged from belt by means of plows - except wood pulp, where 300 to 400 preferable	200	Any Width
Feeder belts, flat or troughed, for feeding fine, nonabrasive, or mildly abrasive materials from hoppers and bins	50 to 100	Any Width

TABLE 3-3 - MAXIMUM BELT CAPACITIES

BW (IN.)	Troughed Angle	MAX BELT CAPACITY (TPH)					MAX. MATERIAL (IN.) FOR 20° SURCHARGE	
		Surcharge Angle					All lumps uniform size	Mixed 10% lumps 90% fines
		5°	10°	20°	25°	30°		
18	20°	-	-	50	56	63	4	4
	35°	Not Recommended						
	45°	Not Recommended						
24	20°	-	-	96	108	120	5	7
	35°	-	102	122	132	142	5	7
	45°	106	115	132	140	170	5	7
30	20°	-	-	167	175	196	6	10
	35°	-	167	200	215	232	6	10
	45°	175	187	215	230	248	6	10
36	20°	-	-	230	260	290	7	12
	35°	-	248	296	318	340	7	12
	45°	258	278	318	340	360	7	12
42	20°	-	-	320	360	400	8	14
	35°	-	344	408	442	475	8	14
	45°	358	386	440	470	500	8	14
48	20°	-	-	430	480	530	10	16
	35°	-	457	540	645	630	10	16
	45°	475	530	584	623	660	10	16



1. All capacities shown are for material weighing 100 lbs. per cu. ft. and moving on belt 100fpm. For other weights, capacity equals table capacity.

$$\times \frac{Wt/Cu. Ft.}{100}$$

For other belt speeds, capacity equals table capacity (or calculated capacity).

$$\times \frac{fpm}{100}$$

2. The surcharge angle is the angle formed between a horizontal line and a tangent to the material slope, both of which pass through the point where the slope meets the belt. Usually the surcharge angle is 10°-15° less than the angle of repose.

3. "Mixed with 50% fines" means at least half of the material must be less than one half the maximum material size.

TABLE 4 SUGGESTED NORMAL SPACING OF BELT IDLERS

BELT WIDTH (INCHES)	WEIGHT OF MATERIAL HANDLED (LBS/FT ³)						RETURN IDLERS
	30	50	75	100	150	200	
18	5.5	5.0	5.0	5.0	4.5	4.5	10.0
24	5.8	4.5	4.5	4.0	4.0	4.0	10.0
30	5.8	4.5	4.5	4.0	4.0	4.0	10.0
36	5.8	4.5	4.0	4.0	3.5	3.5	10.0
42	4.5	4.5	4.0	3.5	3.0	3.0	10.0
48	4.5	4.0	4.0	3.5	3.0	3.0	10.0
54	4.5	4.0	3.5	3.5	3.0	3.0	10.0
60	4.8	4.0	3.5	3.0	3.0	3.0	10.0
72	4.8	3.5	3.5	3.0	2.5	2.5	8.0
84	3.5	3.5	3.0	2.5	2.5	2.0	8.0
96	3.5	3.5	3.0	2.5	2.0	2.0	8.0

TERMS AND CONDITIONS

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1. OFFER AND ACCEPTANCE. Superior Industries, LLC's ("Seller") acceptance of Buyer's order to purchase products is expressly made conditional on assent to these Terms and Conditions, which along with the Sales Order constitute a binding "Contract" between the parties. This Contract constitutes the complete and final agreement between Seller and Buyer for the products. Any additional or different terms or conditions contained in any document furnished by Buyer, including but not limited to, any purchase order or any acknowledgment, are deemed to be material and are hereby objected to and rejected by Seller. If such agreement shall be deemed an offer or counter-offer by Buyer, Seller expressly rejects such offer or counter-offer and limits acceptance to these Contract terms and expressly objects to any different or additional terms proposed by Buyer. Any actual performance by Buyer or Seller thereafter shall be deemed a renewal of the offer contained in this Contract and acceptance of this Contract without change. In the event of a conflict between the terms of this Contract and the terms of any other document, the terms of this Contract shall control. This offer to purchase Seller's products is valid for thirty (30) days from the date of the Sales Order.

2. PAYMENT TERMS. All prices specified in this Contract are FOB Seller's designated location which constitutes delivery. All risk of damage to or loss of the products from any cause whatsoever shall pass to Buyer upon delivery, even if Seller arranges for shipment of the product. Unless otherwise expressly provided on the reverse hereof, payment shall be made within thirty (30) days from the earlier of the date of delivery or the date of an invoice, without discount. Any discount which may be expressly provided on the reverse hereof applies to the sale price of the products at the shipping point, and does not apply to any charges made for taxes, storage, loading or transportation. All payments shall be made in United States dollars. Interest will be charged at the rate of eighteen percent (18%) per annum, or the maximum interest rate allowable by applicable law, whichever is lower, on all unpaid invoices. Buyer shall pay all taxes and charges of any nature imposed by any federal, state, or local governmental authority by reason of the sale or delivery of the products whether levied or assessed against Seller, Buyer, or the products. Such applicable taxes or charges, if not included in this Contract, shall be invoiced separately. If, in Seller's opinion, reasonable doubt exists as to Buyer's financial condition, Seller may, at any time and without prejudice to any other remedies, suspend or terminate performance of any order, decline to ship, stop any material in transit, or require full or partial payment by Seller in advance.

3. DELIVERY. Any delivery or promise date indicated on the Sales Order is an estimate of the date Seller believes the products will be available for delivery, provided, however, Seller shall not be responsible for any delays in delivery.

4. WARRANTY.

a. Limited Warranty; Exclusion of Third Party Components. Subject to the terms, conditions and limitations contained herein, Seller warrants only to the original Buyer that (a) Seller's new equipment products and Seller's new component products will not fail to operate in accordance with their respective specifications due to defects in material or workmanship during the period which ends two (2) years from the date of delivery, normal wear and tear excluded, and (b) Seller's new equipment products will not incur a failure of their respective structural components (i.e., trusses) due to defects in material or workmanship at any time during the period which ends five (5) years from the date of delivery, normal wear and tear excluded. The foregoing periods are sometimes referred to as "original warranty periods." The foregoing limited warranty does not apply to any part, portion or component of any product which is manufactured by a third-party ("Third-Party Component").

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c. Terms and Conditions of Warranty; Voiding of Warranty; Notice Requirements. The limited warranties set forth above shall be null and void if (a) any alterations or modifications are made to a product, (b) a product is not maintained in strict compliance with the maintenance requirements set forth in the maintenance manual for such product or otherwise provided to Buyer of such product, (c) any repairs are made to a product which are not authorized by Seller in writing, (d) any failure of a product to comply with the above limited warranty is not reported to Seller in writing within thirty (30) days of the date such failure first occurs, (e) a product is operated after the failure of any warranty first occurs, (f) a product is used for any purpose other than for the purpose for which it was manufactured, (g) a product is not operated in strict compliance with the terms and conditions set forth in any operating manual for the product (including but not limited to exceeding the load bearing capacity of the product), (h) a product is abused or damaged, (i) Buyer fails to deliver the product to Seller for inspection and testing if requested by Seller or Buyer disposes of the product or any part or component on or before the sixtieth (60th) day after sending a written claim under the warranty to Seller, or (j) such failure of the limited warranty results from a failure of any Third-Party Component.

d. Course of Dealing; Course of Performance; Usage of Trade. No course of dealing or course of performance of Seller with respect to the products sold under this Contract or with respect to any of its products to whomsoever sold and no usage of trade shall be considered in interpreting this Contract or any part thereof and none of the foregoing shall be considered a waiver or modification of any such terms, conditions, disclaimers or limitation of the limited warranties or disclaimers contained in this Contract. No statement, whether written or oral, made by any employee, sales person, distributor, agent or contractor of Seller which is not set forth in this Contract shall be considered a representation or warranty with respect to any product, its specifications or its performance and all such statements are hereby disclaimed.

e. Exclusive Remedies for Breach of Warranty. The sole and exclusive remedy for any failure of any product to comply with the limited warranty set forth above or any other warranty imposed upon Seller by law, if any, shall, at the election of Seller, in its sole discretion, be either (a) the repair or replacement of the product or component which failed to comply with such warranty or (b) the refund of the purchase price of the product. Buyer is responsible for all labor costs in connection with the repair or replacement of any equipment or component product; however, Seller will be responsible for its own labor performed in connection with any repair of equipment products at Seller's location. Except as provided below, any repair or replacement shall carry the same warranty as the original product but only for the remainder of the original warranty period.

Buyer's exclusive remedy with respect to any claim arising out of or as a result of Third-Party Component shall be against the third-party manufacturer.

f. Warranty Claims; Notice Requirement; Limited Time to Bring Claims. Any and all claims under the above limited warranty shall be made to Seller only in writing and not later than thirty (30) days after the date the product first fails to comply with the above limited warranty but in no event later than the expiration of the original warranty period with respect to which the claim is being made. Any claim under the above

TERMS AND CONDITIONS

limited warranty made after such period for making a claim shall be null and void. After receiving written notice of the warranty claim, Seller shall determine whether to (a) repair or replace the product or part or (b) refund the purchase price of the product. Seller may require Buyer to return any product or part thereof which Buyer claims to be defective to Seller at Buyer's cost for inspection as a condition to any claim under the above limited warranty. No product or part may be returned to Seller without Seller's prior written authorization. If a product which is returned is determined by Seller in its sole discretion not to have failed to comply with the limited warranty, Buyer shall pay costs of removal, repair and/or replacement for such product. If a product which is returned is determined by Seller in its sole discretion to have failed to comply with the limited warranty, Seller shall pay for all repair and/or replacement costs for such product (or refund the purchase price if so elected by Seller) and Seller shall reimburse Buyer for the reasonable costs of shipping the product or component to Seller.

g. **Limitation on Liability for Breach of Warranty and Other Claims.** If the warranty and the remedy for any failure of any product to comply with any warranty are deemed for any reason to fail their intended purpose, Seller's liability for any failure of any product to comply with any such warranty, together with any and all other liability, if any, arising out of or in connection with such product, including, but not limited to, all claims, whether in contract, tort, or otherwise, arising out of, connected with, or resulting from the manufacture, sale, delivery, resale, repair, replacement, or use of the product, shall not exceed the purchase price for such product. In no event shall Seller be responsible or liable to Buyer or any third party under any circumstances for any indirect, consequential, special, punitive or exemplary, damages or losses, including, but not limited to, damages for loss of profits, goodwill, use of the product or any other equipment or other intangible losses which may be incurred in connection with the product regardless of the type of claim or the nature of the cause of action, even if Seller has been advised of the possibility of such damage or loss. Any and all claims that Buyer has against Seller, whether or not Buyer is aware of such claims, must be brought by Buyer within thirty (30) days after the date that such claim first arose, but in any event within the applicable warranty period set forth above. Any claim not brought by Buyer within the applicable thirty (30) day period shall be deemed null and void.

5. **INDEMNIFICATION.** Buyer will indemnify and hold harmless Seller, its affiliates and their respective officers, directors, employees, agents and other representatives and defend any action brought against same with respect to any claims, judgments, actions, suits, demands, damages, liabilities, costs or expenses (including, but not limited to, reasonable attorneys' fees and legal expenses) associated with or arising from the ownership, use or operation of the products by Buyer or any third party, including without limitation, product liability, an international, federal or state occupational safety and health statute, or any other governmental regulations or laws.

6. **TERMINATION OF PERFORMANCE.** Buyer may cancel its order only with the written consent of Seller and upon terms that will indemnify Seller from any loss, damage and expense arising from such cancellation. Seller may terminate this Contract pursuant to Sections 2 and/or 11 hereof, and in such event, Seller shall have no further liability to produce or ship any products hereunder and shall have no liability for damages to Buyer or any third party.

7. **TECHNICAL ADVICE.** No obligation or liability shall arise out of Seller's rendering of technical advice in connection with Buyer's order of products. Any technical advice furnished, or recommendation made by Seller or any employee or representative of Seller, concerning any use or application of any products or parts furnished under this Contract is believed to be reliable, but Seller makes no warranty, express or implied, of results to be obtained. Buyer assumes all responsibility for loss or damage resulting from the handling or use of any such products or parts in accordance with such technical advice or recommendation. The selection of the products ordered, or design of any custom products, shall be Buyer's sole and ultimate responsibility, and Seller shall have no liability whatsoever for any design defects of custom products, or if the products ordered are unsuitable for Buyer's intended use. Any advice or assistance provided by Seller to Buyer in connection with Buyer's

selection or design of the products is at Buyer's risk, and Seller makes no representation or warranty whatsoever in connection with such advice or assistance.

8. **ASSIGNMENT.** Buyer shall not assign its rights or obligations under this Contract without the prior written consent of Seller, which consent may be withheld for any reason in the sole discretion of Seller. Any attempt at such assignment by Buyer without the prior written consent of Seller shall be deemed null and void. This Contract will be binding upon the parties hereto, and their successors and permitted assigns.

9. **SECURITY INTEREST OF SELLER.** Title to the products will not pass to Buyer until all required payments have been made to Seller. Until the purchase price and all other applicable costs and expenses are paid in full, Seller reserves a purchase money security interest in the products and the proceeds therefrom, and Seller thereby possesses the rights of a secured party under the Uniform Commercial Code. Upon Seller's request, Buyer shall execute all necessary financing statements and other documents evidencing this security interest with the appropriate state and local authorities. Seller is entitled to and is hereby granted reasonable access to Buyer's locations as necessary to exercise its remedies as a secured party.

10. **GOVERNING LAW.** This Contract shall be construed, interpreted, and governed by the laws of the State of Minnesota without regard to its conflict of laws principles. The exclusive forum for any disputes arising out of or relating to this Contract shall be any federal or state court sitting in the State of Minnesota. The parties irrevocably consent to such exclusive jurisdiction in such courts and to the proper venue therein.

11. **FORCE MAJEURE.** Seller does not assume the risk of and shall not be liable for failure to perform any obligation relating to the products caused by civil insurrection, war, fire, strike, labor stoppages or other labor disturbances, acts of God, acts or omissions of Buyer, acts or omissions of the United States Government, floods, epidemics, freight embargoes, shortages of fuel, energy or materials, failure of suppliers or subcontractors to satisfactorily meet scheduled deliveries, or any other cause beyond the reasonable commercial control of Seller.

12. **NOTICES.** Any notices, consents or other communications required or permitted under this Contract must be in writing and delivered personally, overnight air courier, registered or certified mail or facsimile. Unless otherwise stated in this Contract, notices, consents or other communication will be deemed received (a) on the date delivered, if delivered personally or by facsimile transmission; (b) on the next business day if sent via overnight air courier; or (c) three (3) business days after being sent, if sent by registered or certified mail.

13. **SEVERABILITY; WAIVER.** The invalidity or unenforceability of any provision of this Contract shall not affect the validity or enforceability of any other provision of this Contract. No waiver of any of the provisions of this Contract shall be deemed, or shall constitute a waiver of any other provision, whether or not similar, nor shall any waiver constitute a continuing waiver. No waiver shall be binding unless executed in writing by the party making the waiver. The Section headings included herein are for the convenience of the parties only and in no way alter, modify, amend, limit or restrict the contractual obligations of the parties.

14. **NO THIRD-PARTY BENEFICIARIES; SETOFF.** Nothing in this Contract is intended to, or shall, create any third-party beneficiaries, whether intended or incidental, and neither party shall make any representations to the contrary. Seller shall have the right to deduct from any sums it owes to Buyer, any sums or the value of any obligation owed by Buyer to Seller.

15. **ENTIRE AGREEMENT.** The terms set forth herein constitute the sole terms and conditions of the Contract between Buyer and Seller. Notwithstanding the foregoing or any other term of this Contract, to the extent this Contract conflicts with the terms or conditions of any written distributor agreement between the parties, the written distributor agreement shall control. No other warranty, term, condition or understanding, whether oral or written shall be binding upon Seller, unless hereafter expressed in writing, approved and signed by Seller.

16. **SURVIVAL.** The provisions of Sections 3, 4, 5, and 7 through 16 shall survive the termination and performance of this Contract.



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