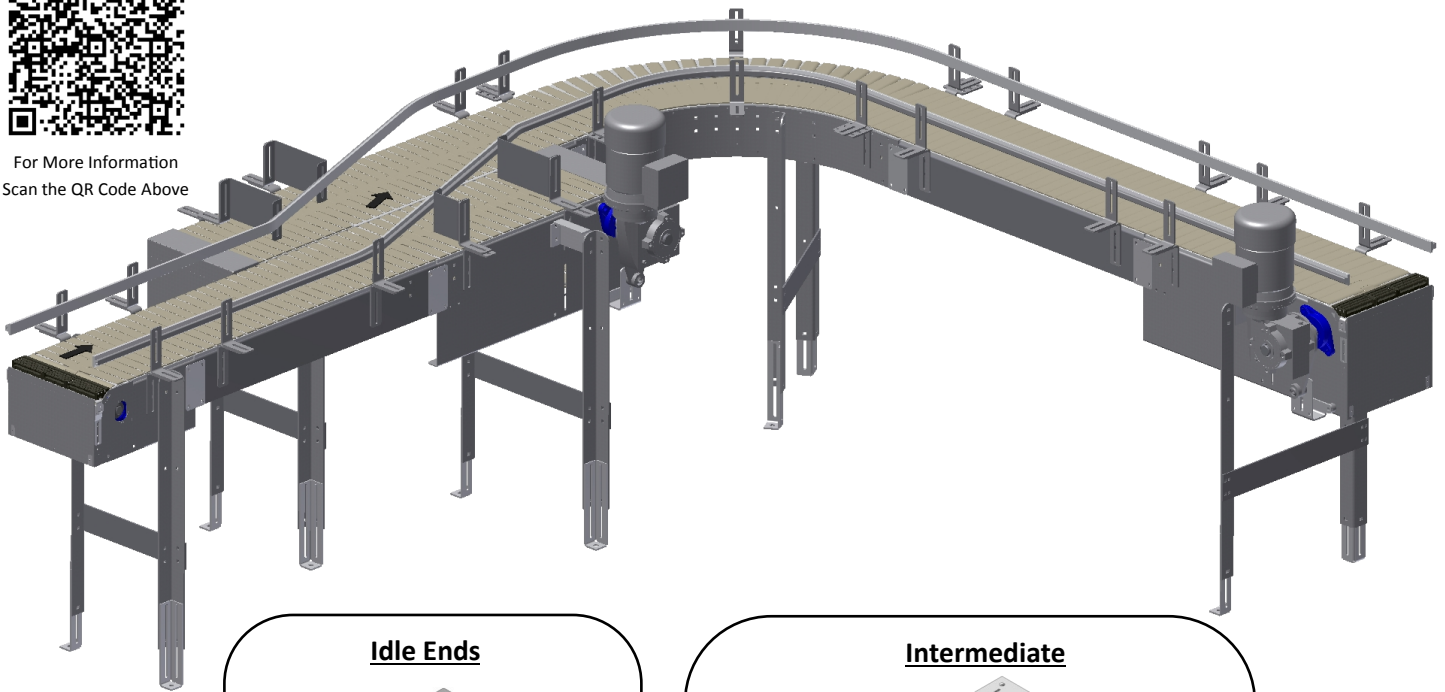
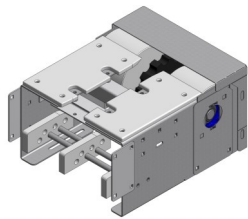




For More Information
Scan the QR Code Above

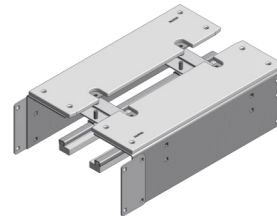


Idle Ends



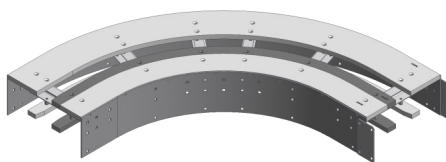
- 15" Overall Length
- Both Sides Flush Mount
- Endcap/Finger Guard
- 2-hole, 1" Bore Bearing

Intermediate



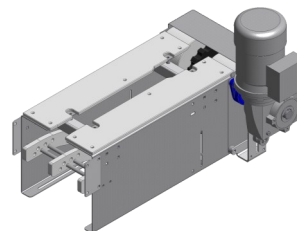
- Standard Lengths in 120," 92," 64," 36," 18"
- Also Available 6"-33 1/2" (1/2" Increments)
- Adjustable Cope for Elevation Changes
 - ◆ Single Cope for Changes < 15°
 - ◆ Double Cope for Between 15° & 30°

Turn



- Available in 45° & 90°
- Duravar Wearstrip (Inside of Turn)
- 6" Long Tangents

Drive End



- 30" Overall Length
- One Side Flush Mount
- Endcap/Finger Guard
- Contained Catenary
- 2-hole, 1 1/4" Bore Bearing

Standard Modules

- Idle Ends; Drive Ends; 45°, 90° Turns; Intermediates; Copes (Adjustable Vertical Turns)

Frame Material & Design

- 12-Gauge, Mild Steel, "Stardust Silver" Powder Coat Paint
- 12-Gauge Stainless Steel, #4 Polish Finish
- Open Top Design
- Safety Design to Prevent Pinch Points

Wearstrips — Carryway

- 3/8" Thick UHMW in Straights
- Turns: UHMW Outside, Duravar Inside < 200 FPM

Options:

- Turns: Nylatron Inside > 200 FPM

Wearstrip — Return

- Slider on Tab in Straights & Turns

Motor/Reducer

- Nord "C" Face Motor, Inverter Duty, VFD & IP55 Rated
- Motor Voltage: 230/460-3-60 AC
- Nord Hollow Bore Reducer
- Corrosion Resistant Aluminum
- Vertical Shaft Mount w/ Torque Arm

Options:

- Below Mount
- Washdown Painted

Conveyor Speeds

- Standard Nominal Speeds (FPM): 40, 60, 100, 125, 165, 250
- Minimum: 30 FPM* Maximum: 300 FPM*
*Speed obtained using a VFD
- Consult Factory for Speeds Above 300 FPM

Supports

- "H" Style Formed 2" x 2" Angle w/ Bolt Pad Base
- Formed Sanitary Channel w/ Spacers & Bolt Pad Base
- ±4" Elevation Change
- Nominal Elev. Range 24", 28", 32", 36", 40", 44", 48"

Options:

- Pedestal, Nominal El. Range 30", 42" (±3")
 - To Obtain Other Elevations, Pipe Must be Cut
- 1 1/2" Square Tube, El. Range 24-45" (±3")
- Ceiling Hanger Brackets

Bearings

- 2-Hole Flange, Painted, Sealed for Life, General Purpose Lube, Steel Insert w/ Set-Screw

Options:

- Polymer Housing, Food Grade Lube
- Zinc Plated or Stainless Steel Inserts
- Safety Covers

Shafts

- Idle Shaft Dia. 1.0"
- Drive Shaft Dia. 1.25"

Tabletop Chains & Sprockets

- See Data Sheet

Guide Rail & Brackets

- See Data Sheet

Conveyor Accessories

- LBP Roller Transfer, SS Deadplate

Options:

- Single Roller Transfer, Powered Transfer

Drive End

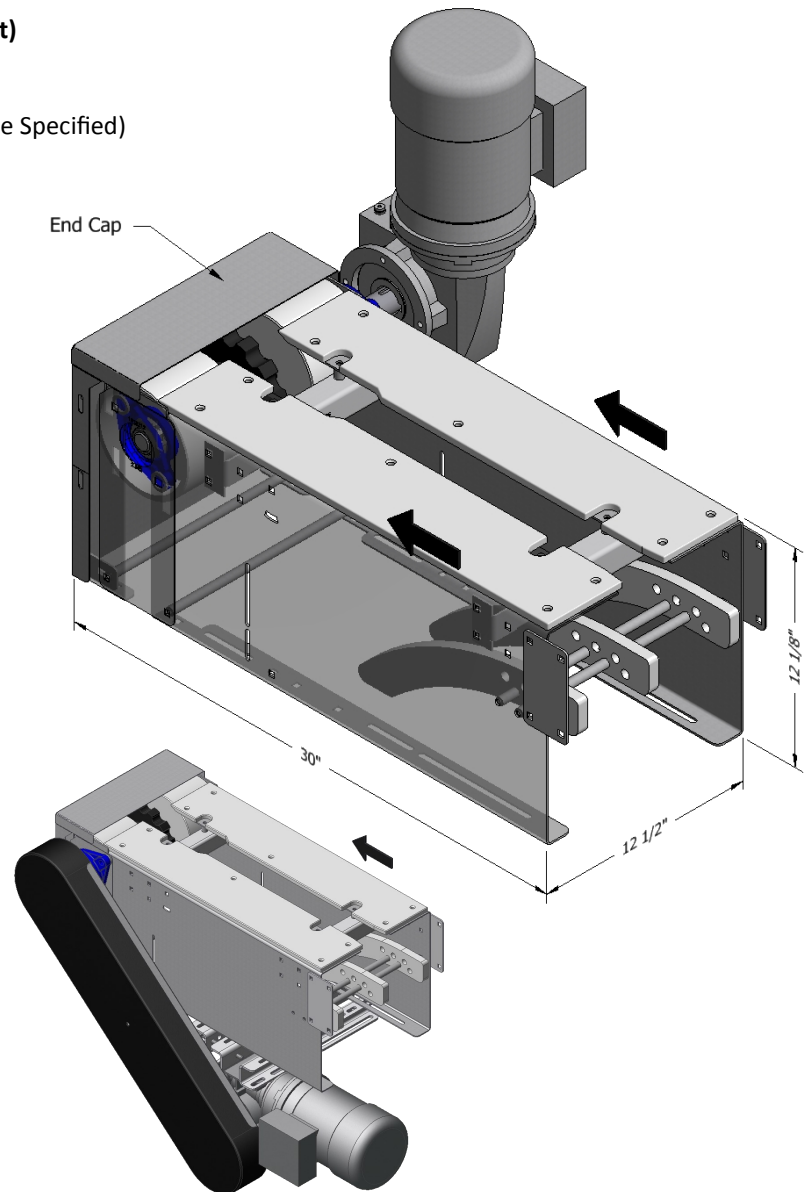
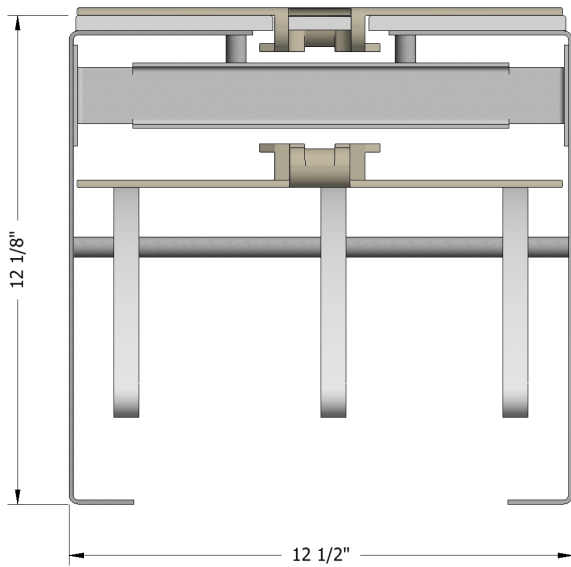
Standard Configuration Shown (Right-Hand Shaft Mount)

Specifications:

- Standard Drive Will be Right-Hand, (Unless Otherwise Specified)
- Standard Drive Will be Flush Mounted on One Side
- Shaft Mount Will Include Torque Arm
- See Spec Sheet for Standard Speeds (FPM)
- End Cap (Finger Guard) Included
- Support Incline Range $\pm 8.5^\circ$

Other Available Configurations:

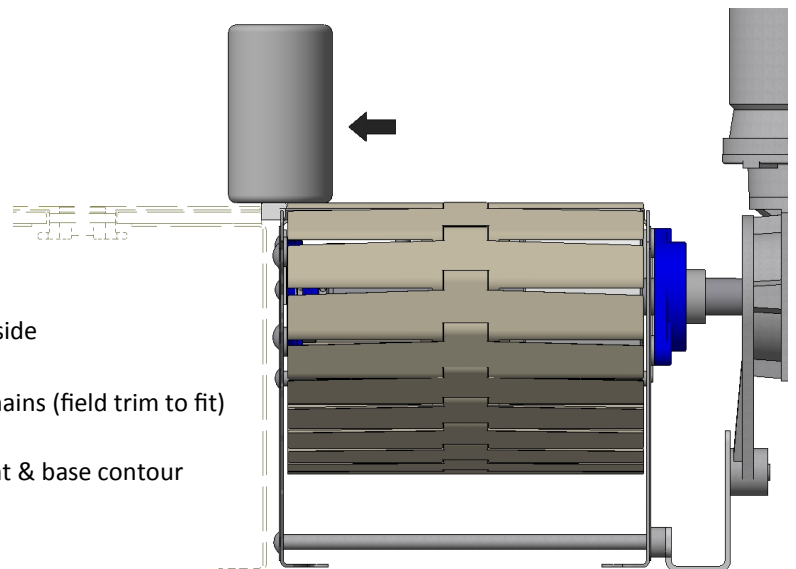
- Left-Hand Shaft Mount
- Right- or Left-Hand Below Mount



Alternate Below Mount Configuration

Drive End Side Transfer Specifications:

- Bearing will be installed on inside of frame on transfer side
- Fasteners will be carriage head bolts on both sides
- Deadplate wearstrip included to fill the gap between chains (field trim to fit)
- Minimum typical product size to clear transfer is 3"
- Product stability through transfer is affected by height & base contour

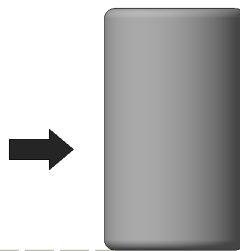
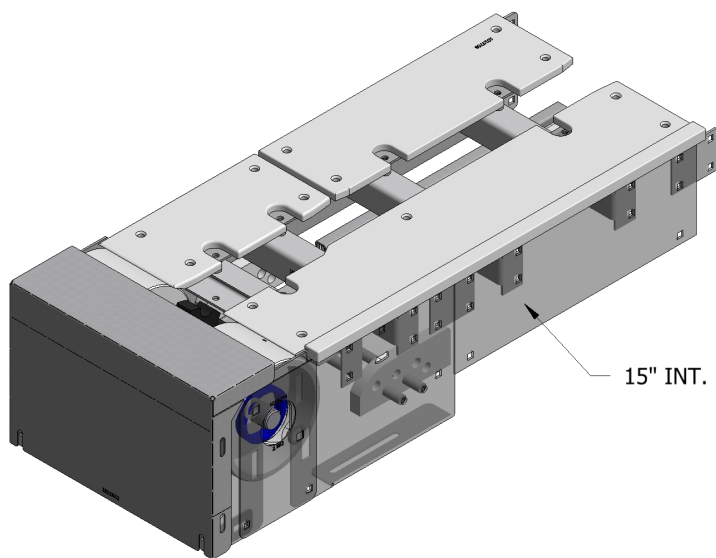
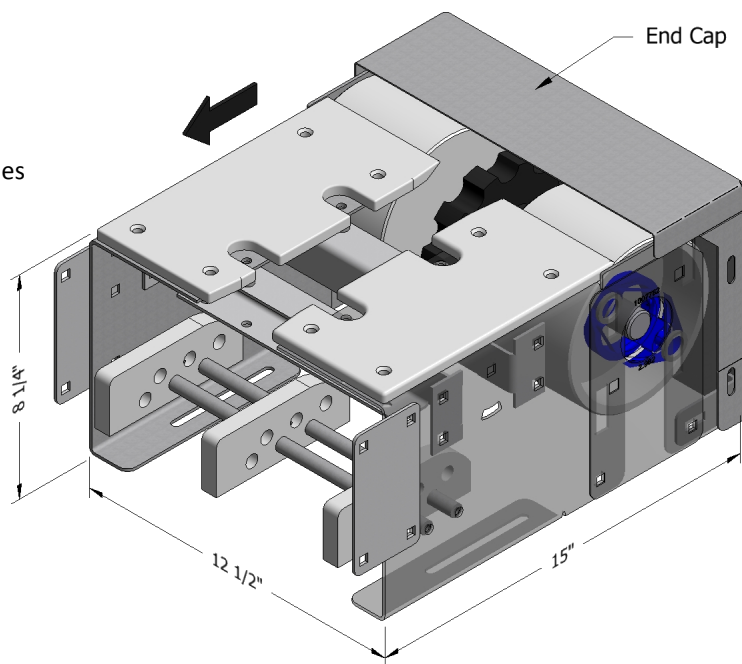
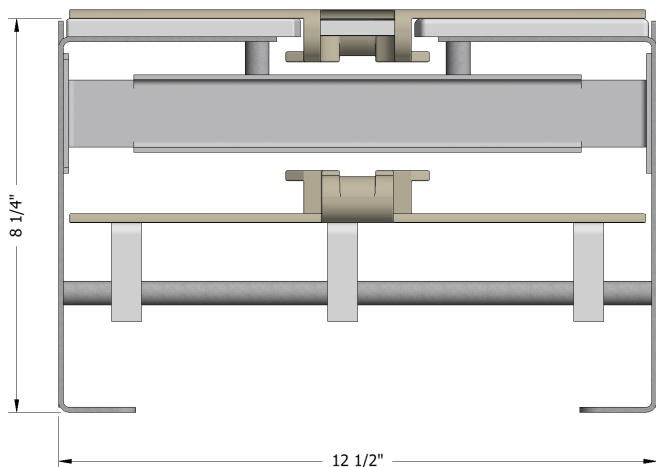


Idle End

Standard Configuration (Shown On Right)

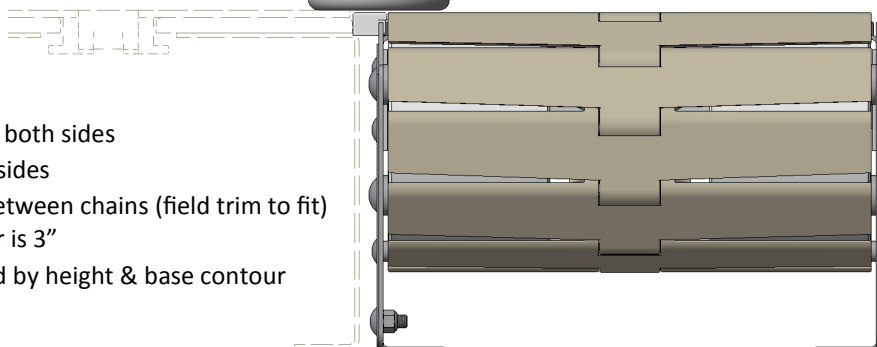
Specifications:

- Standard Idle End Will Be Flush Mounted on Both Sides
- End Cap (Finger Guard) Included
- Support Incline Range $\pm 8.5^\circ$



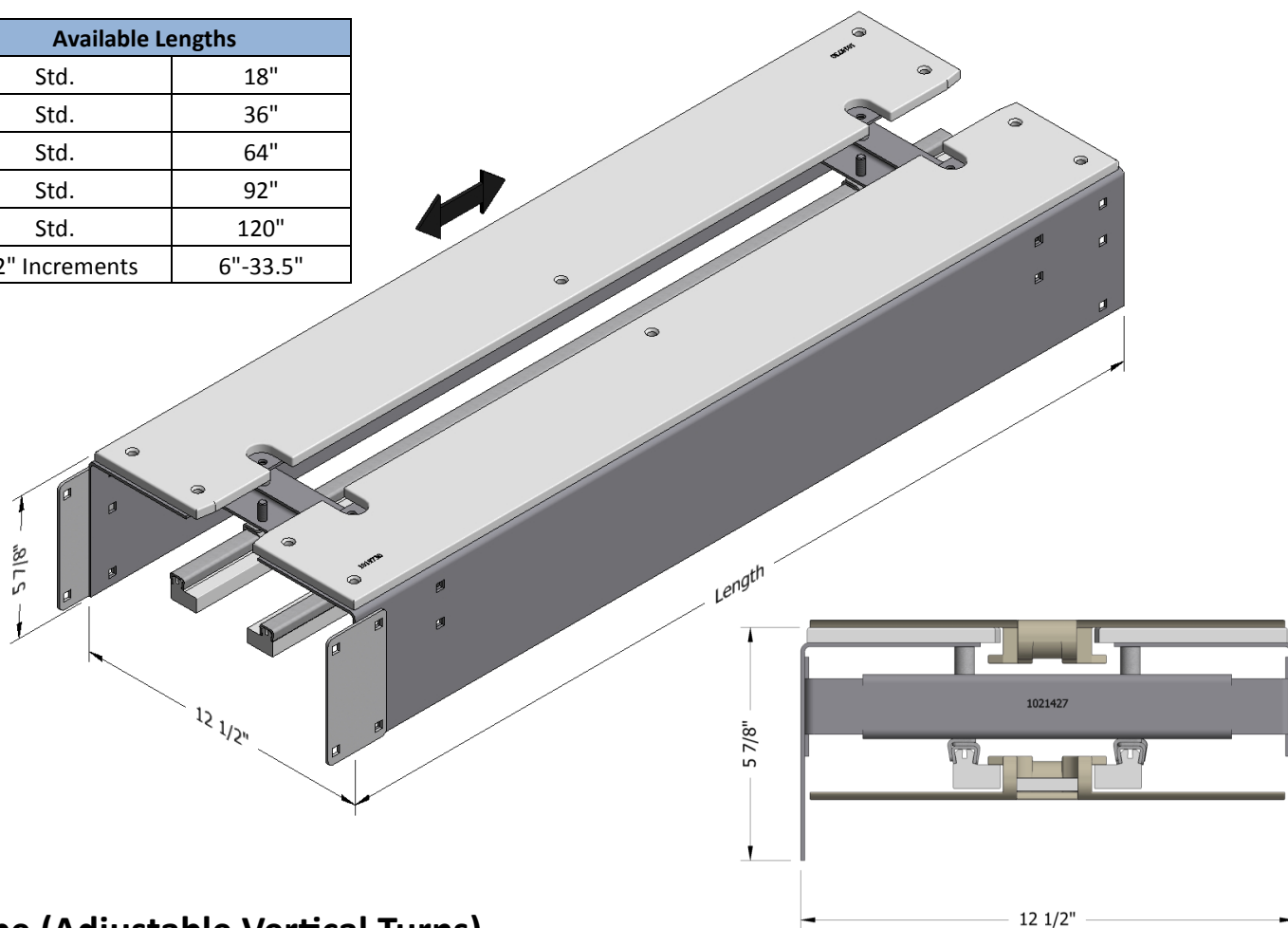
Idle End Side Transfer Specifications:

- Add 15" intermediate for 24" transfer area
- Bearing will be installed on inside of frame on both sides
- Fasteners will be carriage head bolts on both sides
- Deadplate wearstrip included to fill the gap between chains (field trim to fit)
- Minimum typical product size to clear transfer is 3"
- Product stability through transfer is affected by height & base contour

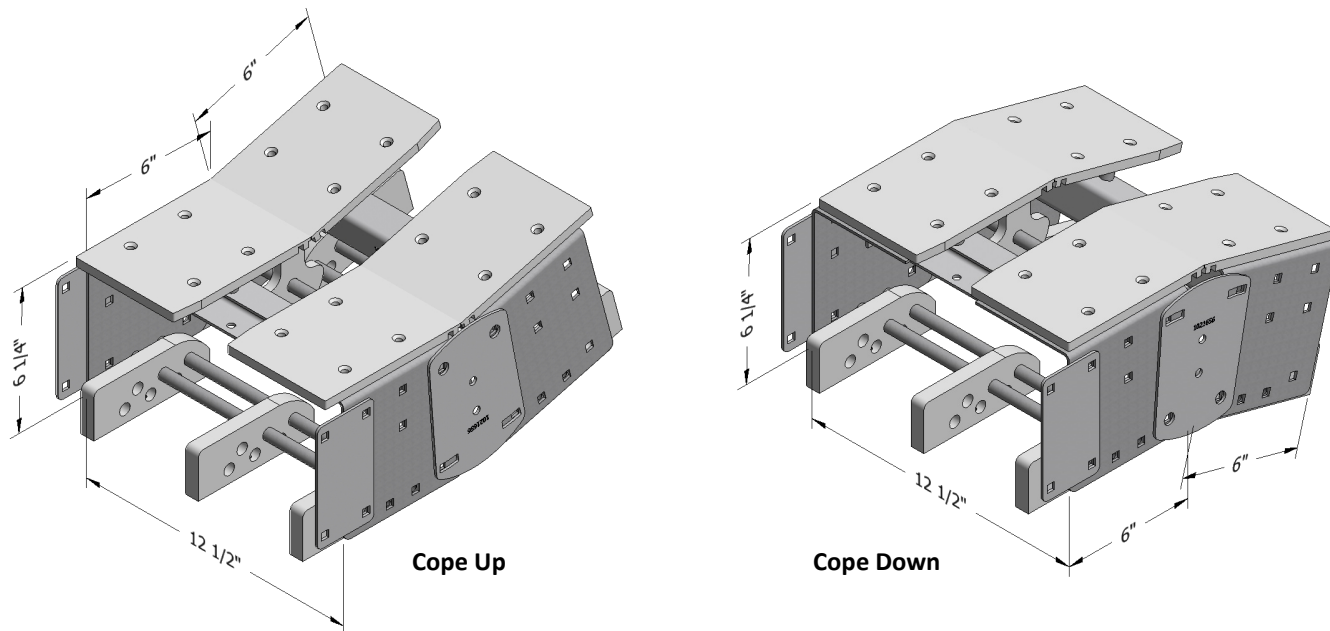


Intermediate

Available Lengths	
Std.	18"
Std.	36"
Std.	64"
Std.	92"
Std.	120"
1/2" Increments	6"-33.5"



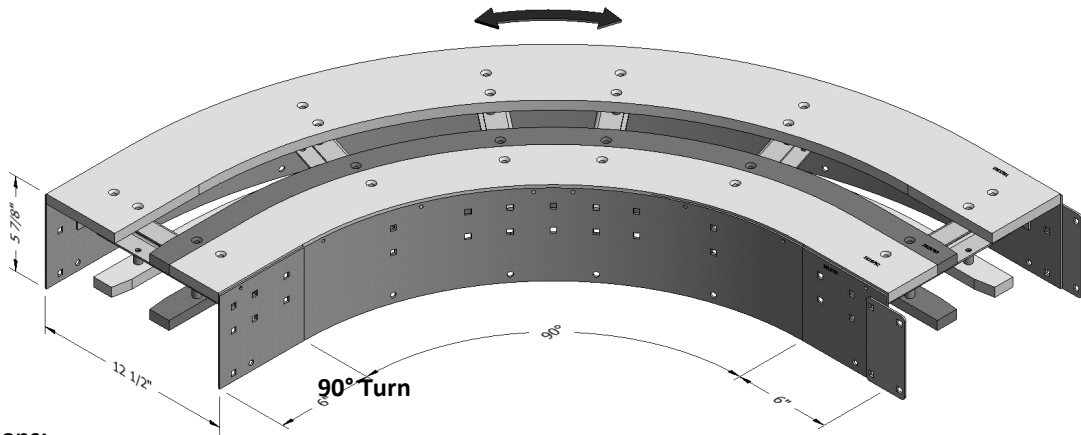
Cope (Adjustable Vertical Turns)



Cope Specifications:

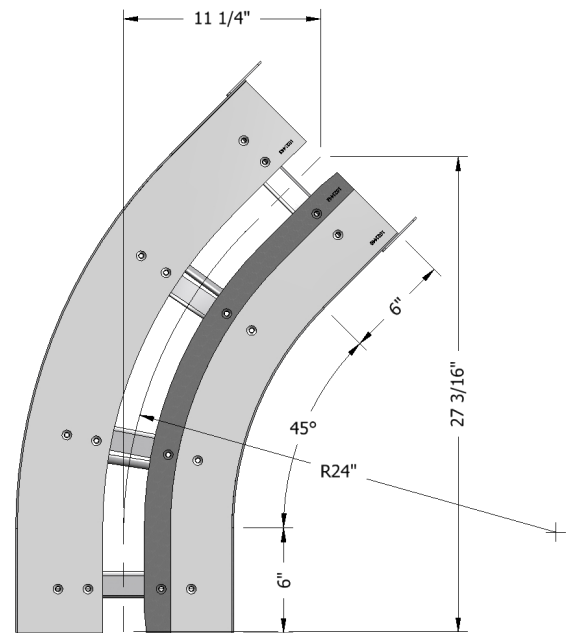
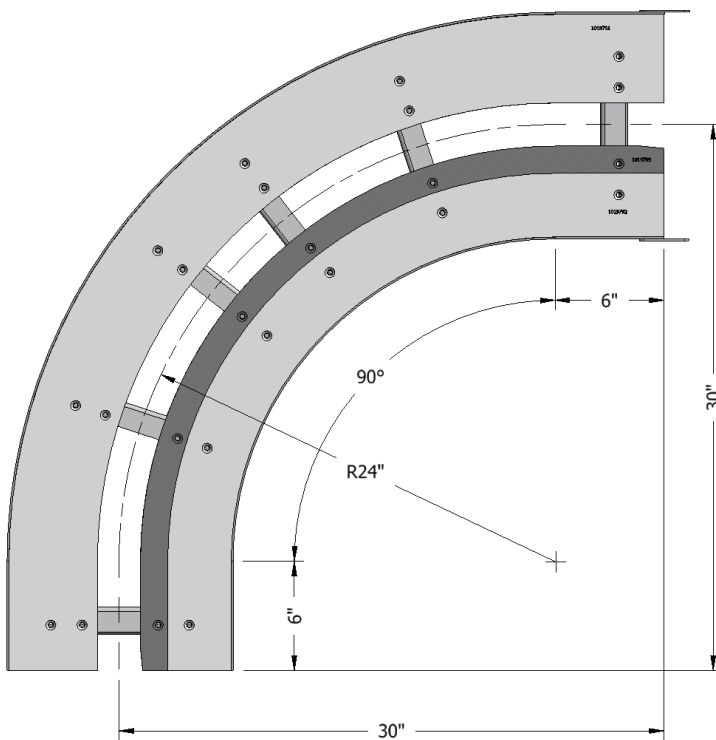
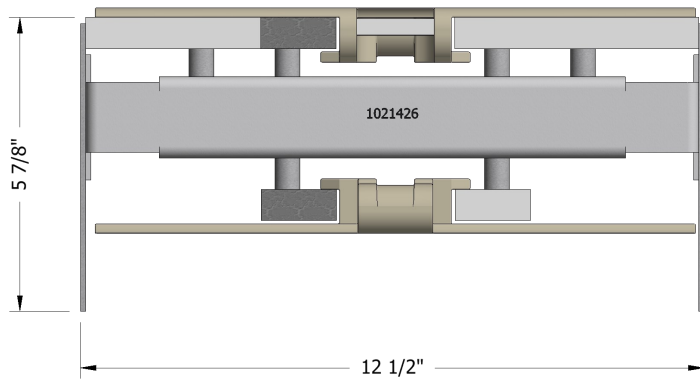
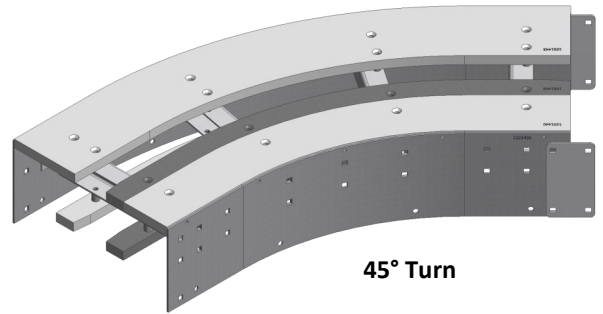
- Adjustable $\pm 15^\circ$
- Use double copes for elevation changes between 15° & 30°

Turns



Turn Specifications:

- 24" Centerline Radius
- Slider on Tab Returns
- Available in 30°, 45° & 90° Turns
- Support Incline Range $\pm 0^\circ$



Guide Rail & Brackets

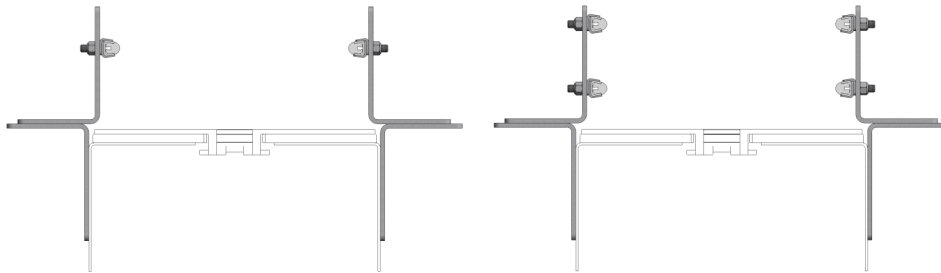


Standard Guide Rail Brackets:

- Adjustable Formed "L" Shaped Brackets
- 7 Ga. Mild or Stainless Steel
 - Mild Steel is "Stardust Silver" Powder Coat Painted

Additional Configurations:

- Gusseted "L" Shaped Brackets
- Molded Plastic Brackets
- Tool-less Adjustability



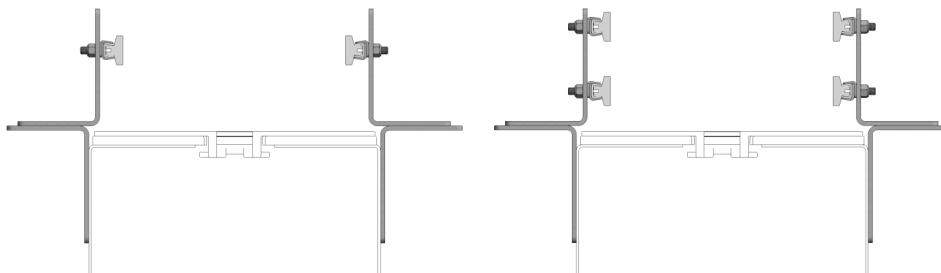
VG-SSR Round Face

Standard Guide Rail Configurations:

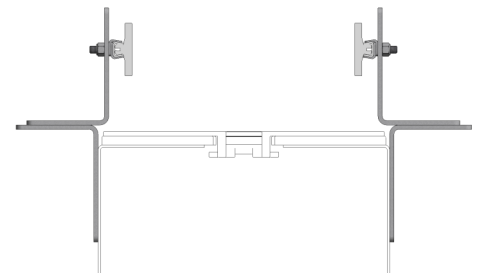
- Single or Double High
- Aluminum Channel w/ UHMW Cover
- VG-SSR Round Face
- VG-SST 1.25" & 2.25" T-Face

Additional Configurations:

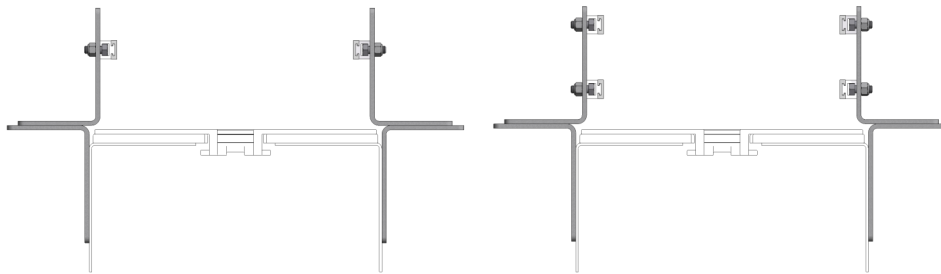
- Sheet Rail
- UHMW



VG-SST 1.25" T-Face



VG-SST 2.25" T-Face



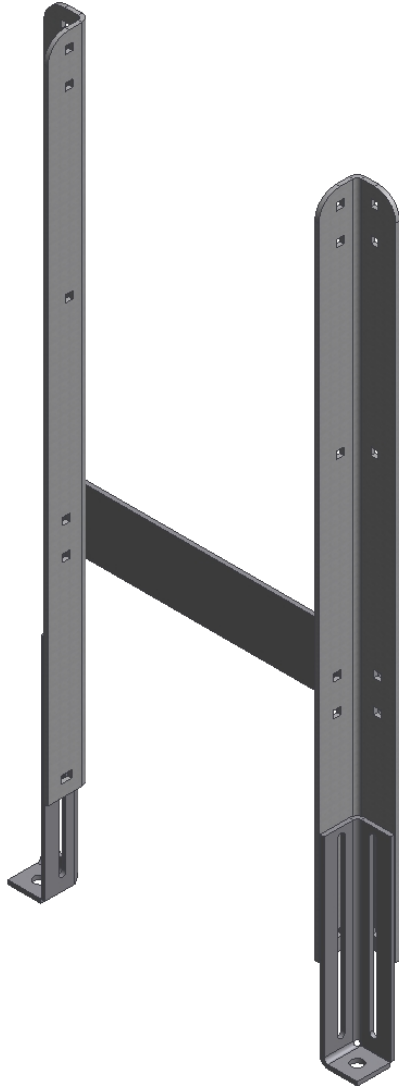
Aluminum Channel
w/ UHMW Cover

*Consult Factory for Wider Openings

Guide Rail Openings					
VG-SSR		VG-SST		Alum. Channel	
Min.	Max.*	Min.	Max.*	Min.	Max.*
6 7/8"	14 5/8"	6 5/8"	14 3/8"	7 1/8"	14 7/8"

Supports

Formed Angle



Standard Supports:

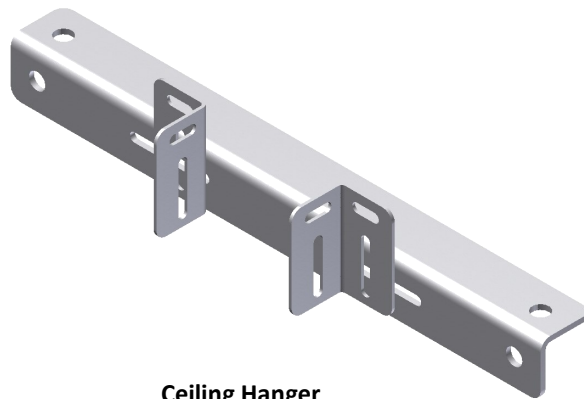
Formed Angle

- "H" Style Formed 2" x 2" Angle w/ Bolt Pad Base
- ± 4 " Elevation Change
- Nominal Elev. Range 24", 28", 32", 36", 40", 44", 48"
- 7 Ga. Mild or Stainless Steel
 - Silver Powder Coat Painted Mild Steel

Alternate Supports:

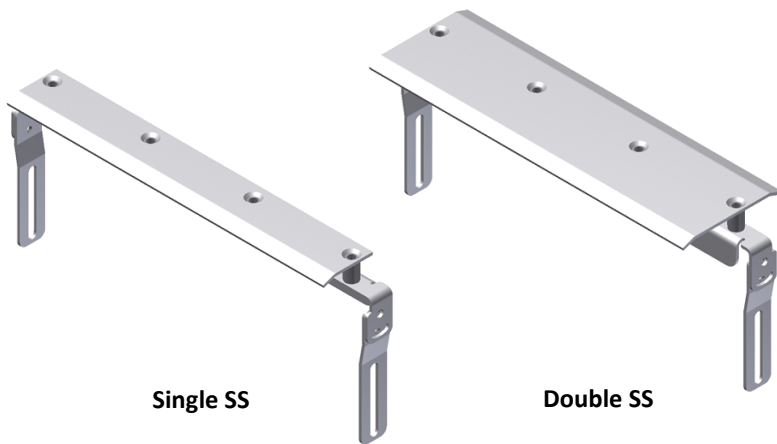
Ceiling Hanger Brackets

- Mild or Stainless Steel
- Drop Rods Provided by Customer



Ceiling Hanger

End Transfers



Single SS

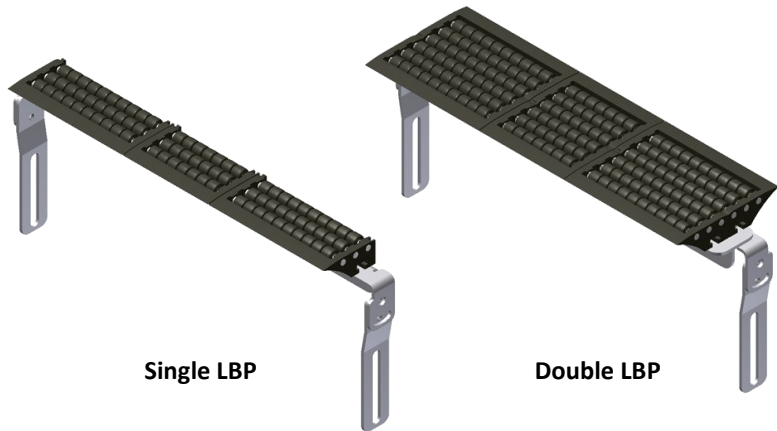
Double SS

Standard End Transfers:

- Single & Double LBP Roller Transfers
- Single & Double SS Deadplate
- Adjustable mounting brackets for vertical & angle adjustability

Optional End Transfers (Consult Factory):

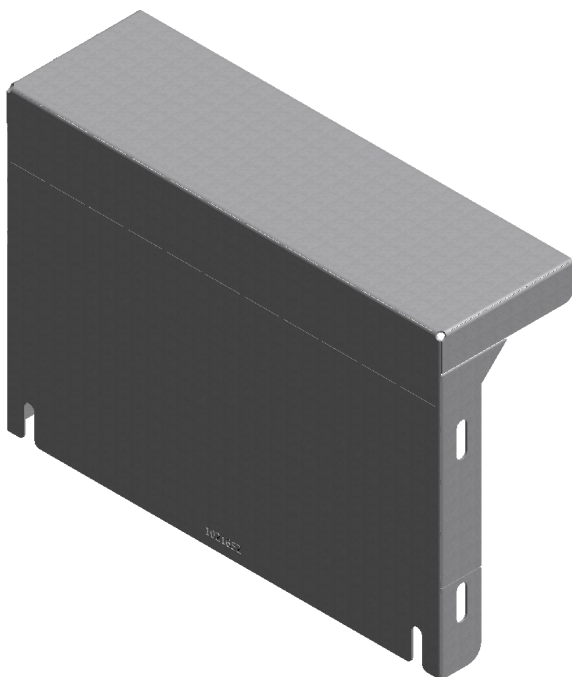
- Single Roller Transfer (Not Shown)
- Bolt-on Powered Transfer (Not Shown)



Single LBP

Double LBP

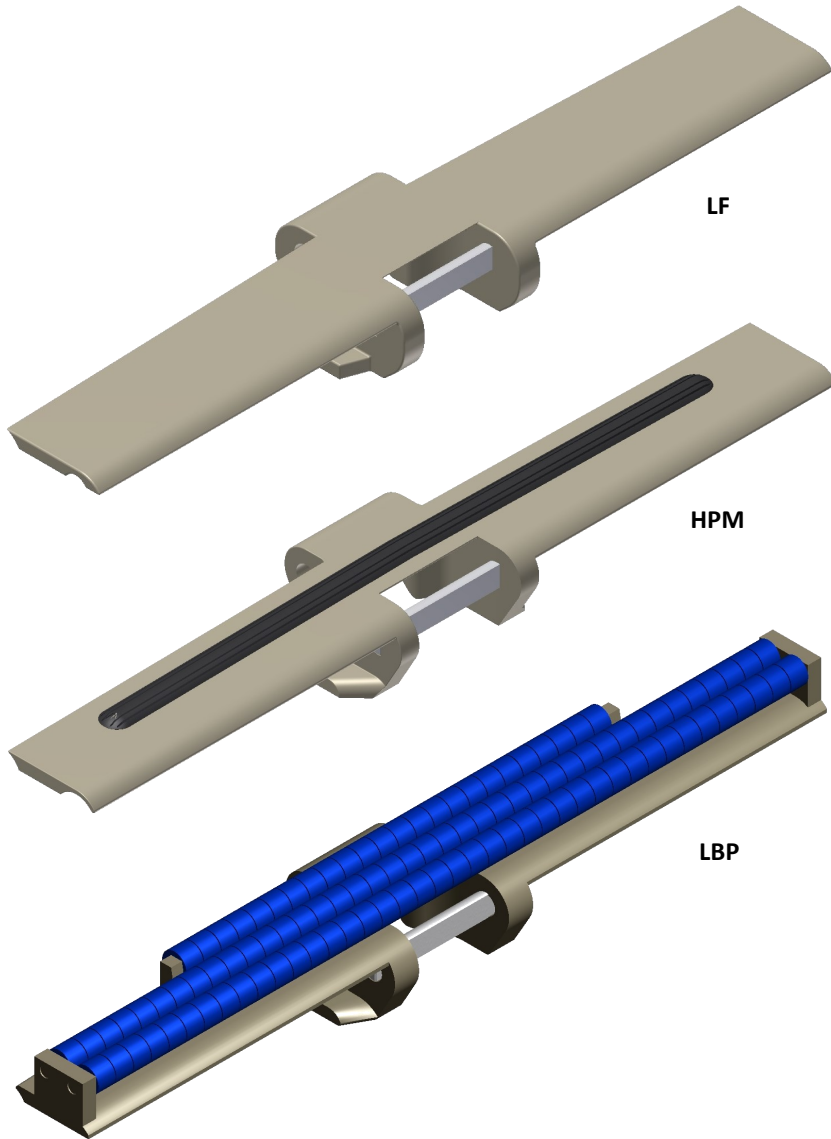
End Caps



Standard End Caps:

- 18 Ga. Mild & Stainless Steel
- Standard on all Drive, Idle, & Transfer Sections
- Perforated edges allow manual removal of end cap segments for end transfers on drive/idle ends.

Tabletop Chain & Sprockets



Standard Chains:

- LF882Tab-K12"
- HPM882Tab-K12" (Friction Inserts)
 - Inserts Every Link
 - Inserts Every Other Link
 - Inserts Every 3rd Link
- LBP882Tab-K12"



Standard Sprockets:

- Nylatron Material
- Approx. 6.0" Pitch Diameter
- 882 Sprocket

Maintenance Information

Pre-Start Checklist

- Fasteners – Some may have loosened during shipment. Re-tighten as required
- Inspect all splice points for proper wear strip alignment.
- Hand run a 48" long chain section through conveyor, both carry way and return paths, to check for binding.
- Verify motor rotation
- Verify chain direction is correct (See Figure 1)
- Guide Rail – Check for proper product width before operation.

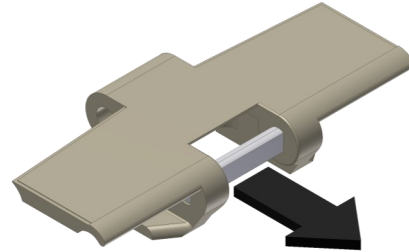


Figure 1

Startup / Break-In

- During first 250 hours of operation – Monitor the following
 - Initial chain stretch – Chain will have an initial stretch. Monitor catenary length, as described below, and remove excess links.
 - Chain dusting – Normally occurring issue that subsides after the first 250 hours of run time. Clean as required

Maintenance

- Catenary length – (See Figure 2)
- Chain length – Replace when 80 links > 123" or 40 links > 61.5"
- Sprocket wear – Look for excessive wear or hooked teeth
- Bearings – sealed for life
- Reducer – Nord reducers – sealed for life
 - Look for leaking seals
- Wear strip wear
 - Inside turn – When edge of chain is 1/32" or less from inside edge of frame, it is time to replace wearstrip (See Figure 3)
- Chain Surging (Slip – Stick)
 - Hard to predict natural phenomenon that depends on speed, load, construction and lubrication.
 - Most common in long and/or slow running conveyors.
 - Poses no operational concerns unless it causes product tipping .
 - Look for chain binding at turns and copes in both the carry way (product path) and the return path.
- Motor Hop & Wobble
 - Natural phenomenon that is desirable
 - Poses no operational concerns with life expectancy of conveyor or reducer
 - Wobble releases stress build up due to normal machining tolerances in rotating shaft.
 - Increases equipment longevity compared to rigidly mounted reducers where misalignments are trapped.
 - Longer reducer life
 - Longer bearing life
 - Longer shaft life

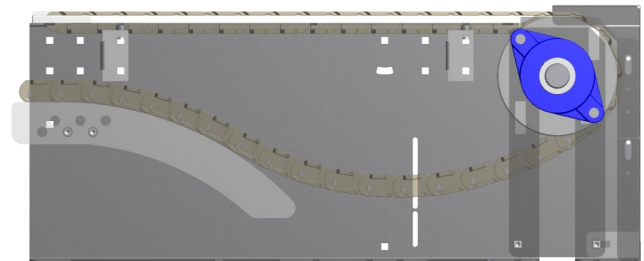


Figure 2

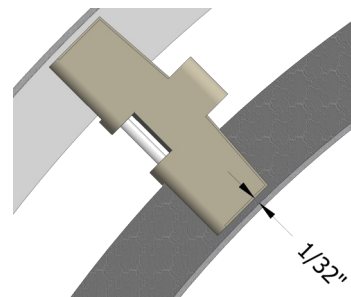


Figure 3