



***“ APPLIED Keeps the Aggregate industry moving with quality idlers”***

## **Precision CEMA B, C, D Idlers**

Applied Industrial Technologies recognizes the Aggregate Industry’s need for conveyor components that keep up with production needs and reduce downtime. Now we offer you some of the highest quality belt-conveyor idlers on the market. Every Precision idler that Applied offers was engineered and manufactured with the toughest operating conditions in mind, and each has achieved outstanding performance when tested in the harshest of real life situations.

### **Aggregate Industry Applications:**

- Troughing Idlers
- Return Idlers (Steel)
- Rubber Disc Return Idlers
- Training Idlers
- For use in Field Conveyors, Feeder Belt Conveyors, Radial Stacker Conveyors and other conveyor applications

### **Features/Benefits:**

- ✓ **Enhanced Seal Design**
  - Promotes longer bearing life
  - Self cleaning flinger
  - Lower idler drag to reduce energy costs
- ✓ **Newly Designed End Bell**
  - Promotes better bearing alignment
  - Ensures a more uniform shape to reduce uneven wear on idler rolls
  - Creates smoother operation for less bearing vibration and longer component life
- ✓ **Heavily Reinforced Frame**
  - Three hole foot pad for versatile mounting capabilities
  - Heavy duty center brackets



Choose from either regreaseable or sealed for life bearings when selecting Precision Idlers.



*Value Through Innovation*

## Interchangeability:

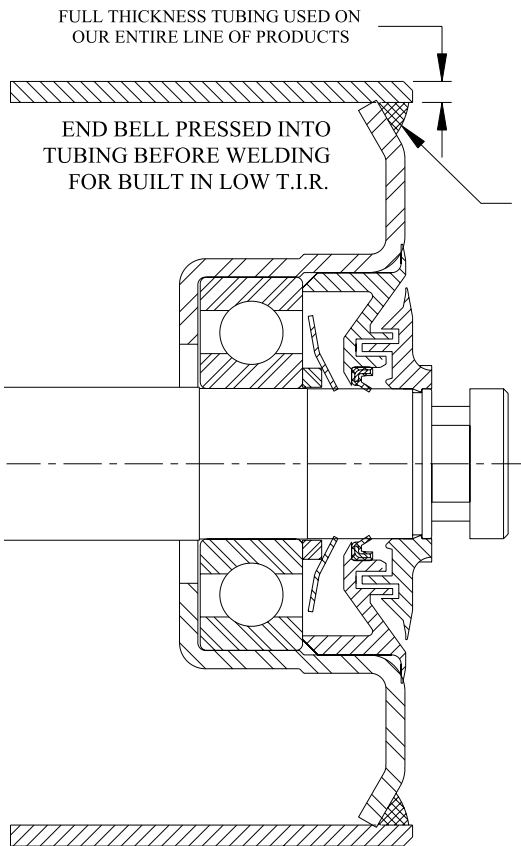
Precision Idlers will directly interchange with any manufacturer's CEMA troughing and return idlers

## Related Products:

- Belt Cleaners
- Belt Fasteners
- Conveyor Idlers
- Drive Components
- Conveyor Belting
- Bearings

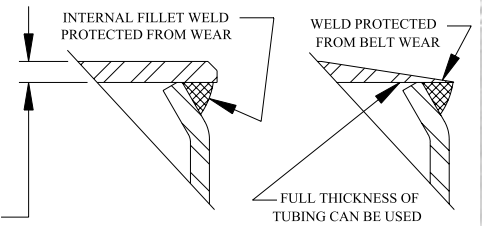
## The Precision Advantage:

### PRECISION'S INTERNAL FILLET WELD AND FULL THICKNESS TUBING



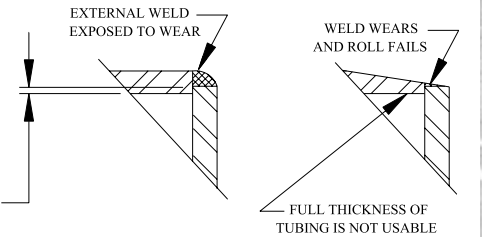
#### PRECISION'S INTERNAL FILLET WELD

100% OF TUBING THICKNESS IS USABLE BEFORE ROLL FAILURE



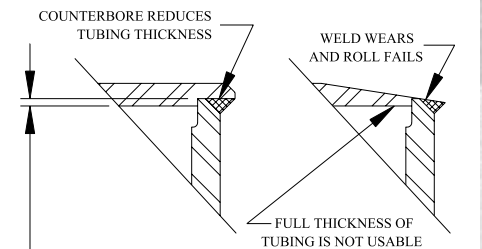
#### EXTERNAL FILLET WELD

15% TO 28% OF TUBING THICKNESS REMAINS UNUSED WHEN ROLL END WELD FAILS



#### COUNTER BORED TUBE FILLET WELD

23% TO 32% OF TUBING THICKNESS REMAINS UNUSED WHEN ROLL END WELD FAILS



Contact Your Local Authorized Service Center



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*Value Through Innovation*

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