



Studded Trough Ends Eliminate  
Potential Bulk Material  
Contamination

## Weld Studs for Trough Ends

Bulk materials used in the chemical, food, and pharmaceutical industries must be transported and processed without risk of contamination. Screw feeders and conveyors are used to meter and convey bulk materials as diverse as boric acid to walnuts. Contamination can cause loss of productivity or even health issues.

Trough ends are always an area of concern for potential contamination. Standard CEMA trough ends utilize bolts which extend through the trough end to mount seals and bearings. These bolt holes present a potential leak point, as well as a crevice between the bolt head and trough end. KWS created special equipment designs to ensure the integrity of these bulk materials and prevent contamination. Equipment must be designed to eliminate crevices to prevent material build up and spoilage. For sanitary applications, KWS provides trough ends with seal welded studs to eliminate the potential hazard and preserve sanitary conditions.

### Features

**Smooth and Polished Finish:** Studs are ground smooth and polished on inside of trough end, eliminating pits and crevices

**Hygienic Design:** Design minimizes risk of bulk material build up and potential bacterial growth

### Benefits

**Accessibility:** Easy access for maintenance, reducing time and effort required for routine checks

**Reduced Maintenance:** Cleaning process is simplified and more efficient



Studs are Welded, Ground Smooth, and  
Polished on Inside of Trough End



Many Chemical, Food, and Pharmaceutical  
Applications Require Studded Trough Ends



Seals and Bearings are Mounted  
on Outside of Trough End



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