

Stainless Steel Shaft Collars Superior for Demanding Food Processing Environments

Shaft collars manufactured from T316 stainless steel targets rust contamination issues found in hostile environments where frequent wash-downs are common and costly.



In the Baking Industry and general food processing environments, contamination from metal corrosion is a significant issue that many manufacturers face. In baking applications, the main sources of metal corrosion are the extremely harsh wash down environments, the use of highly corrosive cleaning and sanitation products, and the near-constant humid atmospheres within processing facilities. Equipment manufacturers are consistently tasked with selecting materials for machinery capable of withstanding these conditions. Once rust and corrosion occur, eradicating them from processing facilities becomes a time-consuming and costly process. Carefully designed equipment and utilizing components manufactured from adequately corrosion-resistant materials, contamination can be kept to a minimum.

Machinery and maintenance repair components manufactured from stainless steel provide not only a sterile surface but also the durability required in the baking industry. Paddle and arm mixers, agitators, moulders, and conveyor systems all benefit from the use of stainless steel. Components made from this material do not harbor dirt and bacteria which is often found in the cracks and pores of inferior metals.

Suitable For Applications:

- Applications in hostile environments where frequent wash-downs are common
- Where highly corrosive cleaning & sanitation products are utilized
- When components pose a risk of rust contamination

Climax provides an effective solution to the corrosion challenges faced by baking facilities across the nation. Our extensive line of shaft collars, manufactured from 316 stainless steel, are ideal for this demanding environment. Corrosion resistant shaft collars used as locators, limiters, or end stops in various baking applications, are easy to sanitize and highly resistant to rust and corrosion, ensuring long-lasting durability of these components. Stainless steel has consistently proven its value and has solidified its position as an industry standard for food processing facilities.

Climax offers an extensive inventory of shaft collars, rigid couplings, and keyless locking devices with the capability to engineer custom designs to fit any application challenge. Contact us today to discover how Climax can provide you with a tailored **Engineered Shaft Locking Solution™**.

