



# BEARING SOLUTIONS FOR THE FOOD PROCESSING INDUSTRY

GLOBAL PRESENCE

EXPANSIVE PRODUCT LINE

SUPPORT FOR WIDE RANGE OF INDUSTRIES

COMMITMENT TO INNOVATION



NTN is one of the world's largest bearing producers. With manufacturing plants throughout the world, NTN is a leading bearing supplier to both the industrial and automotive markets. Founded in 1918, NTN has long been recognized for the most stringent quality standards and counts some of the most recognized industrial brand names as its customers.



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# NTN BEARINGS

## A KEY INGREDIENT FOR YOUR APPLICATION

NTN is committed to quality and reliability through our corrosion resistant series of bearing solutions. The NTN Stainless Steel, Thermoplastic and Ultra-Class™ series all provide the durability and flexibility required for food grade environments.

### STAINLESS STEEL SERIES



The NTN Stainless Steel series features full stainless steel composition, from outer housing to inner raceway, to provide optimum humidity and corrosion resistance within your application.

- Solid mounted unit base construction provides superior structural integrity
- Multiple mounting configurations ranging from pillow blocks to tensioner units provide design flexibility for your specific processing line challenges

### ULTRA-CLASS™ SERIES



NTN's flagship mounted unit line provides an excellent offering for food processing where assembly line washdown is not required, but reliability is essential.

- NTN's "ball-point" set screw provides excellent shaft tightening characteristics without damage to mounting surfaces
- A tandem elastomeric seal and flinger design produces a fan-like phenomenon that prevents particles from reaching inner ball bearings and raceways

### THERMOPLASTIC SERIES



The NTN Thermoplastic series offers comparable performance to stainless steel offerings, but with added focus on protection from mold, bacteria and chemical cleaning agents commonly associated with food products.

- White PBT composition designed with smooth surfacing to prevent particle buildup and retention
- Endcap availability for both Thermoplastic and Stainless Steel series provides added protection to the ball bearing when subjected to high pressure washdown and cleaning

### PRODUCT LINE VERSATILITY



NTN offers a diverse array of bearing solutions that go beyond mounted unit design. Contact your NTN representative today to see how we can help address your processing needs.

- NTN's TOPLINE™ ball bearing series provides reliable bearing solutions for applications where temperature considerations are necessary, such as in brewing or baking operations.
- All NTN food grade solutions feature USDA H1 grade grease, and can be customized to use solid lube where needed.



Regardless of what segment of food processing your application resides in, the demand for reliability and safety is paramount. NTN is proud to stand behind a comprehensive product line designed to withstand the rigors and safety constraints of the food processing industry. Contact NTN today to see how we can effectively address your design and layout challenges.