Unlocking Efficiency: Stainless Steel Worm Gear Speed Reducers in Food & Beverage Manufacturing

Discovering Stainless Steel's Superiority, Durability, and Hygiene Advantage

	PAINTED / COATED Worm Gear Speed Reducers	ALUMINUM ALLOY Worm Gear Speed Reducers	STAINLESS STEEL Worm Gear Speed Reducers
Meets Compliance Regulations for Use At or Above the Food Line	In some instances, for some food products	8	⊘
Base Material	Cast Iron	Aluminum Alloy	316 Stainless Steel
Effortless Removal of Residual Manufacturing Oils: No Cleaning Process Required	8	⊘	⊘
Exposure Resistance to pH	pH 2 thru 12* Resistance may break down over time	pH 4 thru 8.5	pH 2 thru 12
Resistant to Washdown Abrasion and Scrubbing	8	⊘	⊘
Minimal Thermal Expansion Oil Leak Risk		8	Ø
Elimination of Food Traps	Moderate	Poor* (Requires cooling fins)	Excellent
Enhanced Water Runoff for Effective Cleaning	Not Ideal	Poor	Excellent
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