

GGB's Deep-Rooted Solutions for Agricultural Implements



Agricultural implements and attachments stand as linchpins within the farming sector, streamlining essential tasks like planting, cultivating, and harvesting. Their primary function revolves around optimizing agricultural processes, allowing farmers to efficiently manage tasks that would otherwise be labor-intensive and time-consuming.

Application Challenges

- Extremely heavy loads
- Corrosive environments
- Stick-slip operation
- Long maintenance intervals
- Handles heavy weight
- Smooth consistent low friction
- Long service time
- Exposure to harsh terrain and debris



Application Breakdown



PIVOT POINTS

GGB® provides advanced pivot point bearing solutions designed specifically for agricultural attachments, offering features such as self-lubrication, corrosion resistance, and high load-bearing capabilities to ensure prolonged service life and optimal performance in the challenging conditions encountered in farming applications.



SPRINGS

GGB® delivers cutting-edge bearing solutions tailored for attachments within spring locations, engineered to withstand high degrees of dithering while maintaining exceptional stability and longevity, crucial for ensuring reliable performance in dynamic environments.



STEERING MECHANISMS









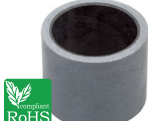

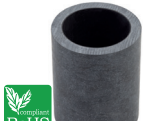









GGB's plain bearing materials are designed for steering mechanisms in implement applications, providing robustness and precision to navigate diverse terrains while ensuring smooth operation and extended service life under demanding conditions.



LINKAGE POINTS

GGB® provides bearing solutions specifically designed for linkage points in agriculture implements, delivering superior performance and durability to withstand heavy loads, vibration, and frequent movement, ensuring quiet and precise operation, while extending maintenance intervals in agricultural applications.

Recommended Products

PRODUCT	ADVANTAGES	MORE INFORMATION
DU® 	DU® self-lubricating bearings offer very good wear and low friction over a wide range of dry running applications. Also suitable for lubricated applications.	
DP4® 	DP4® offers low friction and good wear resistance in both dry and lubricated applications. Suitable for linear, oscillating and rotating movements.	
DX® 	DX® bearing material is ideal for marginally lubricated applications, delivering optimal performance under relatively high loads and low speeds.	
HI-EX® 	HI-EX® is a marginally lubricated bearing material with excellent wear resistance under thin film conditions. Available with non-indented overlay for hydrodynamic applications.	
HSG 	HSG is a self-lubricating bearing material with high static load capacity, excellent shock resistance, and superior friction and wear properties.	
GAR-MAX® 	GAR-MAX® is known for its high load capacity and excellent shock and misalignment resistance.	
GAR-FIL 	GAR-FIL provides a machinable bearing surface and offers a high rotational speed capacity. Excellent contamination resistance.	
EP® 	EP® provides good bearing performance in dry as well as lubricated or marginally lubricated working conditions. Good choice for medium working conditions compared to other engineered plastics materials.	
TriboShield® 	With the TriboShield® coating technology, GGB can reduce the friction and extend the durability of any complex shaped part by coating the substrate with our special designed low friction paints.	
TriboMate® 	Our TriboMate® technology is the pairing of a GGB bearing with a GGB polymer coating. The technology reduces significantly the static and dynamic friction, improves start and stop behaviors and increases load carrying capability.	

Stronger. Together.

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