PARTS & SERVICE

Replacement parts & fabrications for Vibratory & Rotary Process Equipment

ALUMINUM STABILIZERS

AND MORE FOR VIBRATORY EQUIIPMENT

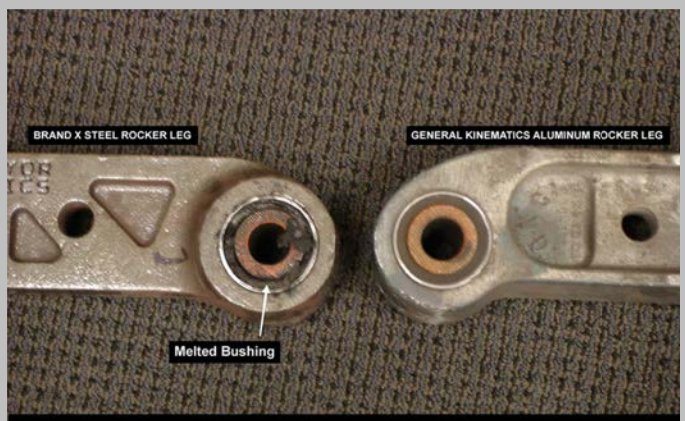
You may be asking, “why do other companies promote steel stabilizer legs as being better than aluminum?”

The answer: They failed science class.

The natural properties of aluminum rapidly conduct heat away from the leg bushing, allowing aluminum legs to run 20 or more degrees cooler than steel. This is important, as the reduced temperature of the aluminum leg is proven to significantly increase the life of the bushing over those found in steel legs (see side bar on right). This increased bushing life means more uptime, longer component life, and reduction in repair costs which puts more money to your bottom line.

The GK stabilizer is designed to be just as strong as steel, yet is half the weight and easier to replace. This weight savings reduces the amount of energy required to operate your equipment, saving you money in energy costs and reducing the amount of horsepower required to operate your equipment. The 10 lb. lighter weight difference between the aluminum and steel rocker leg is also preferred by maintenance and safety personnel for its ease of installation and reduction in back and muscle strain when installing stabilizer legs in tight quarters.

GK aluminum stabilizers work on most popular brands of vibratory equipment… call our GK Parts Department for more information or a quote.



Operating at 1.45 in. stroke, the steel rocker leg on the left caused the bushing to fail due to over heating, while the GK aluminum leg dissipated the increased heat and continued to run flawlessly.

In a side by side long term test, the GK Aluminum Stabilizer Legs continued to perform long past the failure point of the steel stabilizer leg while in an over-stroke condition. Both the GK aluminum leg and brand X leg were equipped with the same high performance GK leg bushing to make all parameters equal.

GENERAL KINEMATICS CORPORATION
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BEARINGS

Factory replacement bearings offer longer service life.

General Kinematics replacement bearings are specifically engineered to withstand the dynamic loads produced by vibratory motion. Special seals and high capacity tapered rollers help insure long service life.

- ✓ One piece cartridge design is matched to each individual housing assembly.
- ✓ Allowable misalignment is twice that of spherical bearings.
- ✓ Metal cages have higher strength than traditional plastic cages and allow for increased grease capacity.
- ✓ Shock-resistant high capacity tapered rollers yield a lower bearing temperature increase due to no roller skewing or path skips.

VIBRATORY REACTOR & ISOLATION SPRINGS

Vibratory Reactor and Isolation Springs

Quality in design and manufacturing makes General Kinematics replacement springs so tough. Each spring is 100% shot-peened and magnaglow inspected to ensure quality and reliability. Eyes on either end of the coil are manufactured to be parallel and ground to be flat for conformity in installation and ease of replacement. Each spring rate has its own color code to ensure proper replacement.

To learn more about GK Equipment, Parts, and Service, visit our website at **www.gkparts.com.**

Made in the USA

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