

Static Shaft Support Brackets



These brackets eliminate the need for bearings on idler shafts. Available in steel, fiberglass reinforced polyester, or polyurethane, the static shaft support brackets secure the shaft with a U-Bolt to prevent rotation. Sprockets then move about a static shaft bushing which is attached to the shaft. The static shaft brackets are mounted to the tank walls in much the same way as the wall bearing and commonly use a 7/8" or 1" anchor bolt.

Static Sleeves



Static sleeves aka. static shaft bushings clamp tight around the static idler shafts via bolts and set screws. The sprockets rotate about the outer diameter of the sleeve in-between the two retaining ridges. The nylon or UHMW-PE sleeve provides a corrosion resistant and smooth bearing surface for the sprockets.

Set Collars



Set collars are made from a wide variety of materials such as UHMW, nylon, cast iron, stainless steel, or other as specified materials. No matter the material, all set collars are supplied with stainless steel hardware. Set collars clamp on the shafting and are secured with set screws. They prevent the axial motion of sprockets or the shafting itself into the wall bearings.

Elevator Buckets and Components

Allied-Locke Industries elevator buckets are ideal for handling your elevating and discharge needs. These buckets can be made from cast iron, steel, or polyurethane. They can be made in a variety of sizes that can meet a range of needs.

