

# Performance Without Compromise: Durable Solution for Fitness Equipment Industry

*When durability and reliability are non-negotiable, Climax 316 stainless steel shaft collars deliver corrosion-resistant performance even in the toughest gym environments.*



## Shaft Collars from Stock

- Two-piece, one-piece, and set screw collars
- Imperial sizes from 1/16" to 6"
- Metric sizes from 2mm to 150mm
- Ability to design custom shaft collars to fit exact application requirements

As public awareness of the benefits of physical activity continues to rise, coupled with the growing popularity of home gyms, the fitness equipment industry is experiencing unprecedented growth potential. Fitness facilities provide an environment that can challenge fitness equipment. Factors such as high humidity, sweat accumulation, frequent use of sanitation sprays, and inadequate maintenance practices create ideal conditions for corrosion, threatening the mechanical integrity, safety and service life of fitness equipment. Choosing materials capable of withstanding these harsh environments is perhaps the biggest engineering challenge equipment manufacturers face.

Stainless steel components are acknowledged as the ideal choice in fitness equipment manufacturing. Stainless steel offers unparalleled corrosion resistance, structural durability, while providing a pleasing visual profile. The fundamental properties of stainless steel eliminate the need for hazardous plating materials, simplifies sanitation routines, and allows for clean, modern equipment designs.

Climax offers a proven solution to the persistent corrosion challenges in the fitness industry. Precision-engineered shaft collars made from 316 stainless steel are designed for high-performance environments, and function reliably as locators, limiters, and end stops across a wide range of fitness equipment. The superior composition of 316 stainless steel offers exceptional resistance to rust, pitting, and chemical degradation. Its non-porous surface simplifies sanitation, while its mechanical strength ensures long-term structural integrity, providing fitness equipment manufacturers with a corrosion-resistant solution they can depend on.

Climax carries an extensive inventory of 316 stainless steel shaft collars. Our experienced in-house engineers are ready to work side-by-side with you, designing a custom solution that fits your exact application needs. Contact us today to discover how Climax can provide you with tailored **Engineered Shaft Locking Solutions™**.

