

# Gilman USA precision rotary and linear motion engineering services and contract manufacturing

**Efficient manufacturing requires more automation, less waste, lower energy costs, more flexible lines and lower fixed costs. Gilman USA can help.**

## **Manufacturing engineering**

Gilman USA's *manufacturing engineering* services can customize a machine component design to suit your needs. SKF's custom designs utilize precision rotary and/or linear motion to achieve more automation, less waste, lower energy costs, more flexible lines and lower fixed costs. Contact SKF Precision Technologies with your manufacturing needs, and experienced professionals will analyze, design and create a system to fit your requirements.

## **Contract manufacturing**

Gilman USA's *contract manufacturing* services is the next level to manufacturing design. After engineering a unique component for your production needs, Gilman USA will complete the production of this component for you. From one or two components to a series

production of a family of components, Gilman USA's precision grinding, boring, milling and turning machines will produce your required quantity. Only the highest level of quality can be expected when you put Gilman USA experience and expertise to work for you.

## **Gilman USA**

Gilman USA, llc, is dedicated to the manufacturing and sales of high-precision products and services for the manufacturing industries. Gilman USA is in compliance with ISO 9001, 14001 and OHSAS 18001.

SKF, an international industrial group operating in 130 countries, is a world leader in bearings. Founded in 1907, SKF now has 40,000 employees and 80 manufacturing facilities throughout the world. SKF's international sales network

includes a large number of sales companies and approximately 20,000 distributors and retailers. Worldwide availability of SKF products is supported by a comprehensive advisory service.





# Industrial benefits to Gilman USA engineering and manufacturing services

## Industry

## Benefits

Medical device manufacturing

- Precision linear motion
- Precision slides developed for weld-fixture to produce an occluder used during heart surgery
- Labor saving design

Mining equipment design

- Durable precision counter-rotating motion
- Dual, counter-rotating cage pulverizer developed using SKF spindles
- Lower energy usage required, higher throughput

Pharmaceutical equipment design

- Precision linear motion
- Precision slide developed for mixing bowl apparatus
- Slide eliminated contamination by allowing rubber seal to fit perfectly before mixing process

Semi-conductor manufacturing

- Precision rotary motion
- SKF components used to precision etch hard computer discs prior to coating

Food manufacturing equipment design

- Precision linear motion
- Precision slide developed for cookie mold press
- Economical designs save ingredients and lessen waste

**Concept and design**  
**Manufacturing engineering**  
**Engineering service**  
**Contract manufacturing**

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