

# Strengths at a Glance

## Iron and Steel

### Specialty steel wire rod and bar

We have over a 50% share of the global market for wire rod for valve springs in car engines, as well as high shares for wire rod for springs, bearings, and gears, and CHO wire rod for bolts and nuts.



### Steel casting and forging

Kobe Steel is internationally renowned for its steel casting and forging. Our crankshafts for ships hold a 40% share of the global market.

### Steel sheet

Kobe steel specializes in high value-added products including high strength steel sheet for automobiles and special surface-treated steel sheet for electric appliances and IT devices.



## Welding

### Welding consumables

As one of the world's three largest welding manufacturers, Kobe Steel has held the top market share in the Japanese market for half a century. We produce approximately 800 items, including covered electrodes as well as automatic and semi-automatic welding wires.

## Examples of "Distinctive Products" Among the World-Class Products Supplied by Kobe Steel

## Aluminum

### Aluminum sheet

Kobe Steel supplies more than 50% of the worldwide market demand for magnetic disk substrates for hard disk drives. It has more than 30% of the domestic market for can stock and roughly 70% for bottle can stock and the top domestic share for automobile panel materials.

### Aluminum casting and forging

Kobe Steel has almost 100% of the domestic market for vacuum chambers for large-scale LCD manufacturing equipment. It also has the top market share in aluminum forgings for the Japanese automobile suspension systems market.



## Machinery

### Compressors

Kobe Steel is Japan's only comprehensive compressor manufacturer that supplies all types of compressors, including screw and centrifugal compressors. For screw-type models, it has the largest worldwide market share. In standard compressors, it is among the market leaders.

### Industrial machinery

Backed by Kobe Steel's original technology, its industrial machinery is widely used in Japan and abroad. For many applications, including rubber mixers, plastic mixing and pelletizing systems, and crushers, Kobe Steel enjoys high market shares.



### MIDREX® Process

Kobe Steel licenses the MIDREX® Process, which is used in roughly 65% of the direct reduction plants in the world. It has built these plants in many parts of the world, including Venezuela.



## Other

### Target materials

We supply sputtering target materials for manufacturing thin film, which is utilized in LCD panels and DVDs. With the high value-added alloys recently developed for thin film materials, Kobe Steel enjoys an 80% global market share.

