

Formed and Fabricated Materials



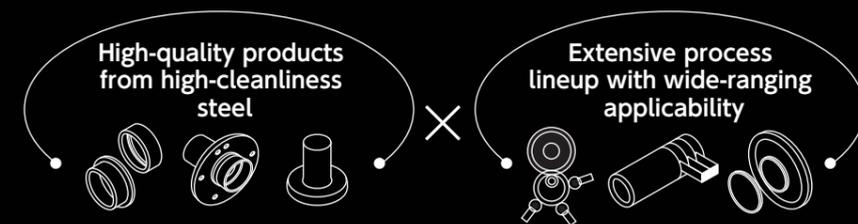
Hot ring rolling machine



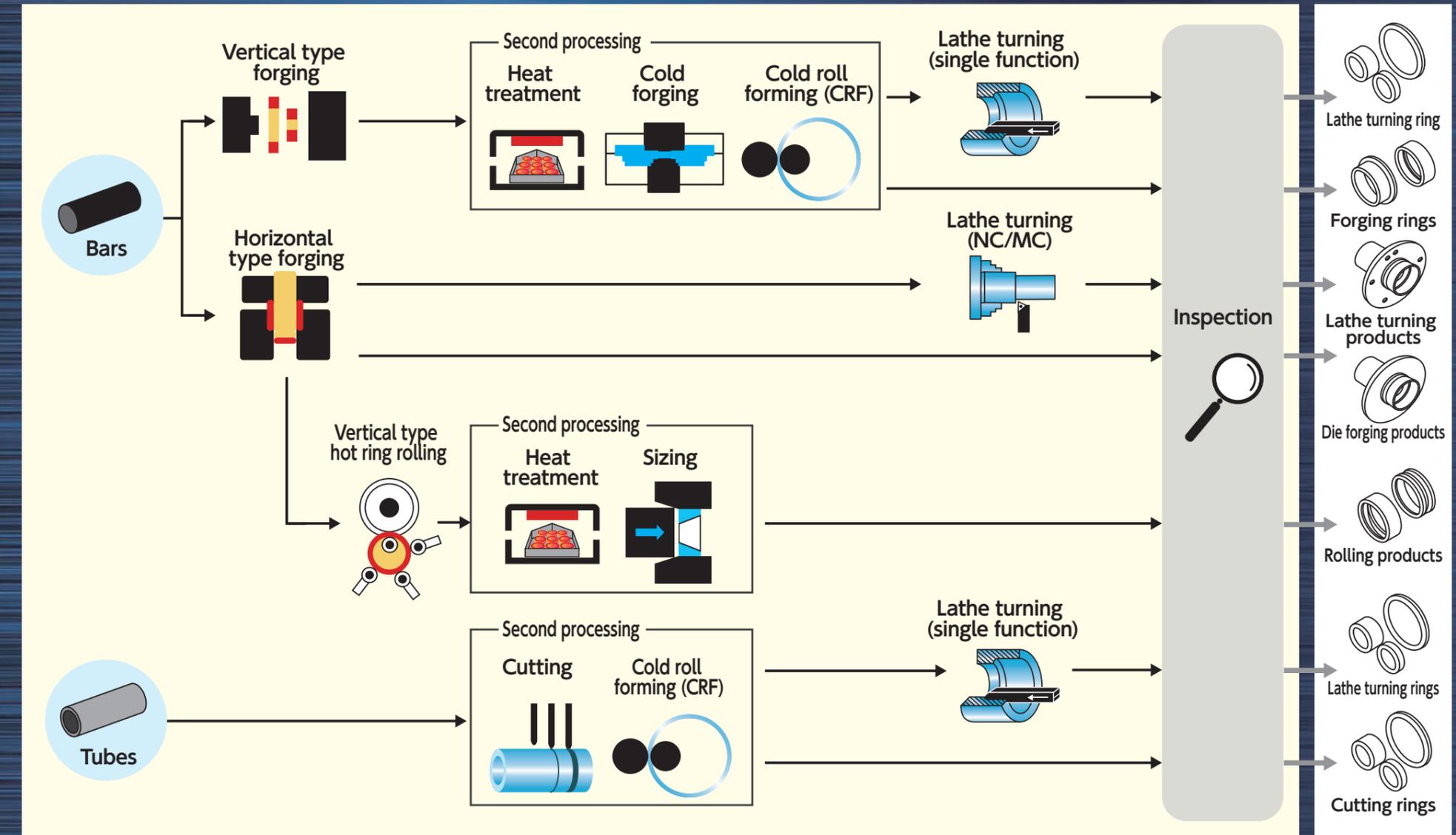
Horizontal type forging machine

High-quality formed and fabricated products that serve global needs

Formed and fabricated materials are steel products worked into nearly finished product forms. They are widely used as semi-finished products for bearings and automobile parts. Utilizing our unique technology, Sanyo Special Steel manufactures high-cleanliness steel that is used as a base to produce formed and fabricated materials through the process best suited to the material properties. This helps our customers to simplify their working processes and improve yields. We have manufacturing and processing sites for formed and fabricated materials throughout the world. We rapidly provide high-quality formed and fabricated material products to meet the needs of our customers.



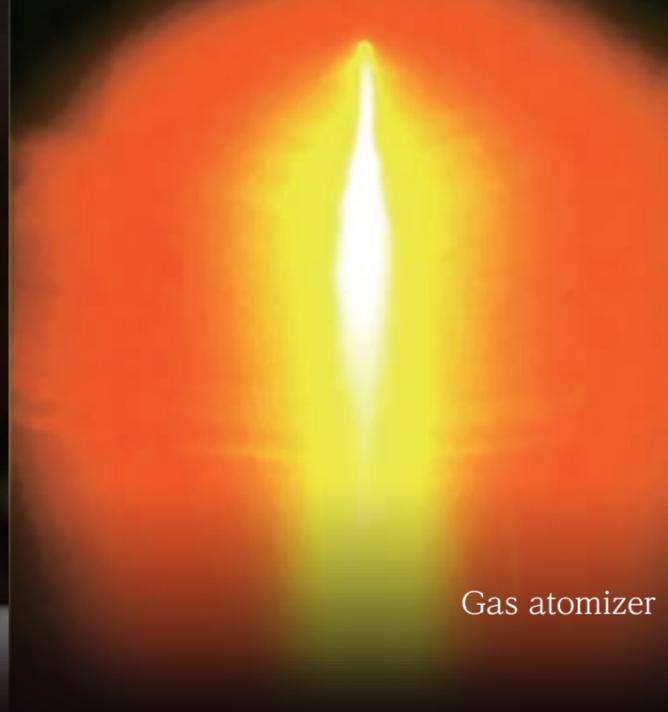
Operation flow



**Metal Powders/
Powder Metallurgy Products**



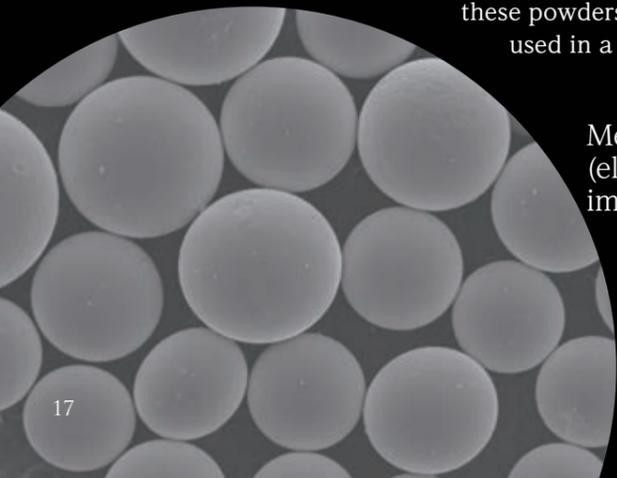
Example of moldings
by 3D printing



Gas atomizer

High-functionality material that underlies cutting-edge technological development

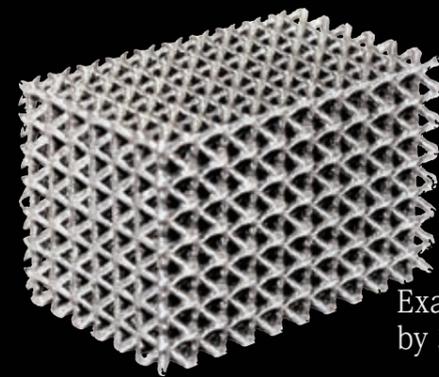
Metal powders offer a high level of component design freedom, and it is said that the powder form offers limitless possibilities. In addition to high-quality metal powders with few impurities and superior fluidity, Sanyo Special Steel manufactures powder metallurgy products from these powders using unique molding techniques. We contribute to the production of high-functionality, high-performance products used in a variety of situations—from the forefront of research and development to manufacturing sites.



Metal powders
(electron microscope image)



Sputtering targets



Example of moldings
by 3D printing

Operation flow

