



**Shanxi KSN Precision Forging  
Technology Development Co., Ltd**

**SIMIS FORGING BRANCH**

## ➔ Company Profile

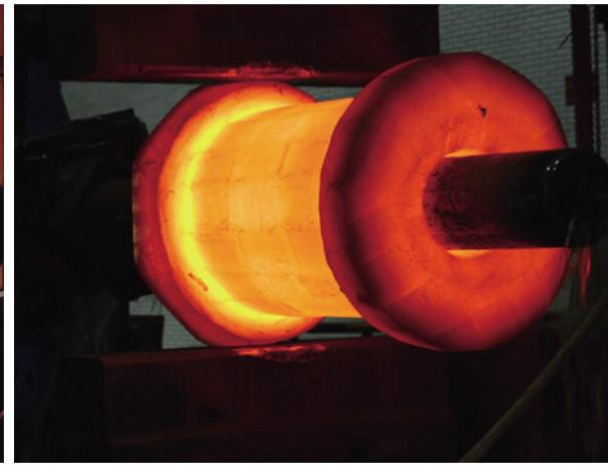
- ◆ KSN construction area is around 12,000 m<sup>2</sup>
- ◆ Around 100 sets equipments and 200 well-trained staff.
- ◆ Including fully precision CNC machining, qualified laboratory with chemical analysis & mechanical properties and NDT test.
- ◆ Forging Process:  
Free forging, open die forging and close die forging.
- ◆ Main Products:  
Forged valve bodies, Auto-forgings, vessel forgings, Rings, Discs, Hollows, Blocks, special precision forgings & free forgings according to the samples & drawings
- ◆ More than 10 years engaging in the forging industry
- ◆ Nearly 95% of the products are exported to Europe, America, middle-east and south-east Asian countries.
- ◆ High-quality products, On-time-Delivery and good service, rich experience





# ➔ Forging ( Shaft, Disc, Hollows, Rings, Wheels)

200kg/560kg/700kg/1ton air hammer, 2-ton/ 6-ton/8-ton electro-hydraulic hammer, and 6000 tons oil press.  
It also has die forging hammers from 1 ton to 16 ton, and 400-ton/ 630-ton/1000-ton/1600-ton friction press.





# CNC Machining ←

CNC machining centers, CNC turning centers, CNC lathes, large vitical lathe, plane milling, boring machines, grinding machines and deep hole machines





# ➔ Raw Material Sawing & Cutting





# Heating Treatment for Material & forged parts ←

3 ton table furnace, 5 ton table furnace, 10 ton table furnace and 60 ton table furnace;  
Quenching tank, Well tyre heat treatment furnace



# ➔ Testing Equipment

We can guarantee that we supply qualified products for our customers.

Optical Spectrum Analyzers, HB-3000B Brinell Hardness Tester, Impact Testing Machine  
PMI analyser, Ultrasonic Flaw Detector, Universal Testing Machine.



## ➔ Raw Material

- ◆ Carbon Steel: ASTM A105, ASTM A350 LF2 : ASTM A694 F42/F50/F60/65/F70, S355J2G3
- ◆ Alloy Steel: F1, F5, F9, F11, 4130, 4140, 8620, 42CrMo4, 34CrNiMo6, 18CrNiMo7-6 etc.
- ◆ Stainless Steel: F321, F304, F304L, F316, F316L, F312L, F321, F347, F347H.
- ◆ Double Stainless Steel: 1.4462, F51, S31803; F60, S32205; F53, S32750
- ◆ Hastelloy: Inconel 625 & Monel K500

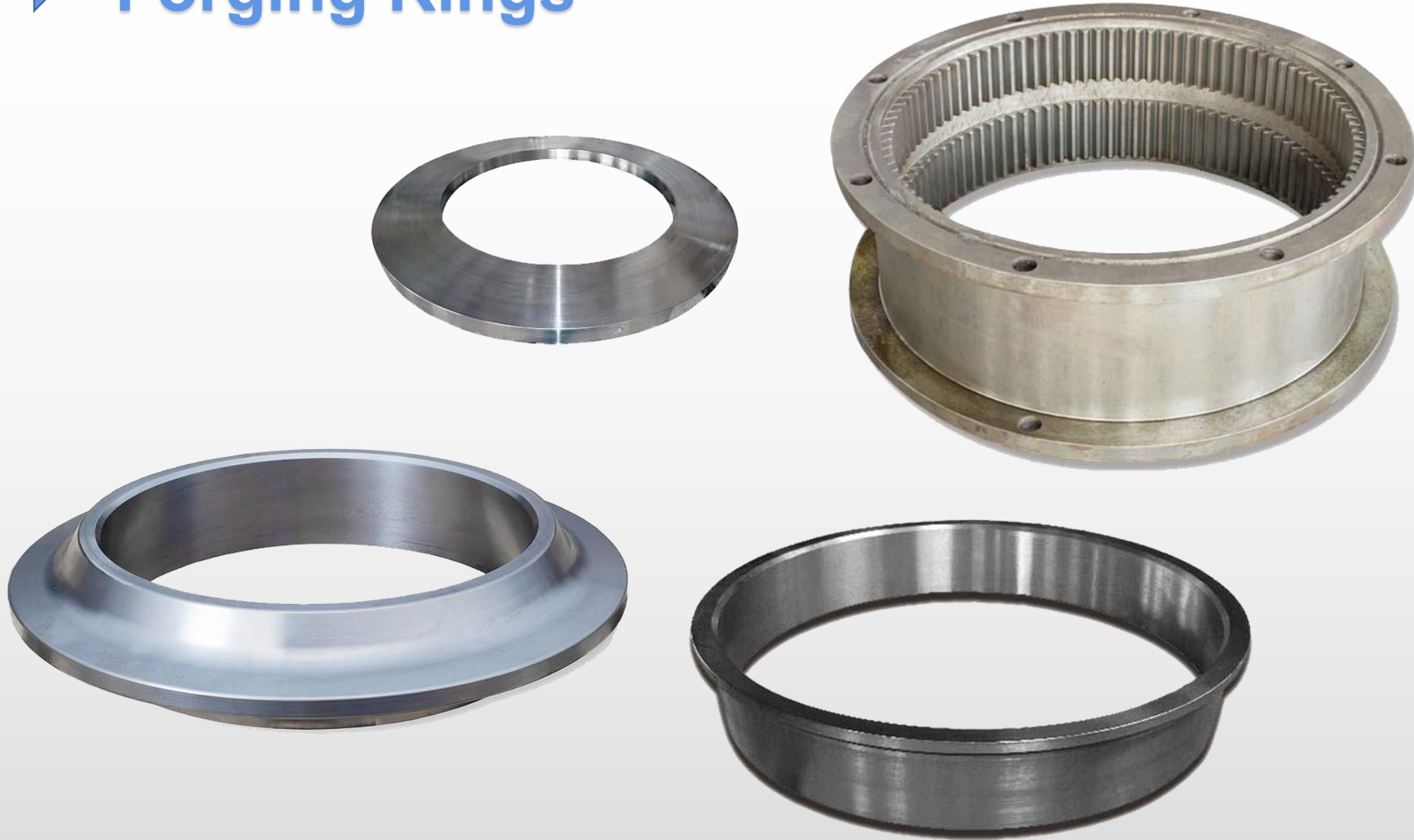




# ➔ Forging Shaft

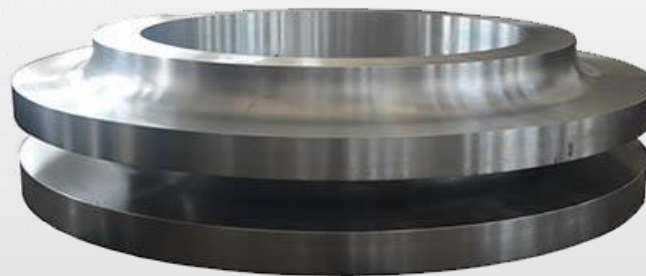
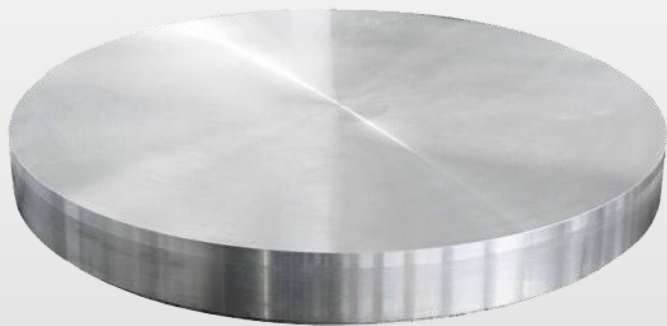
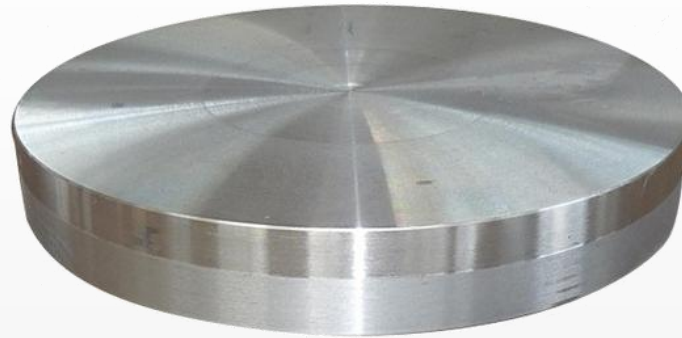


## ➔ Forging Rings

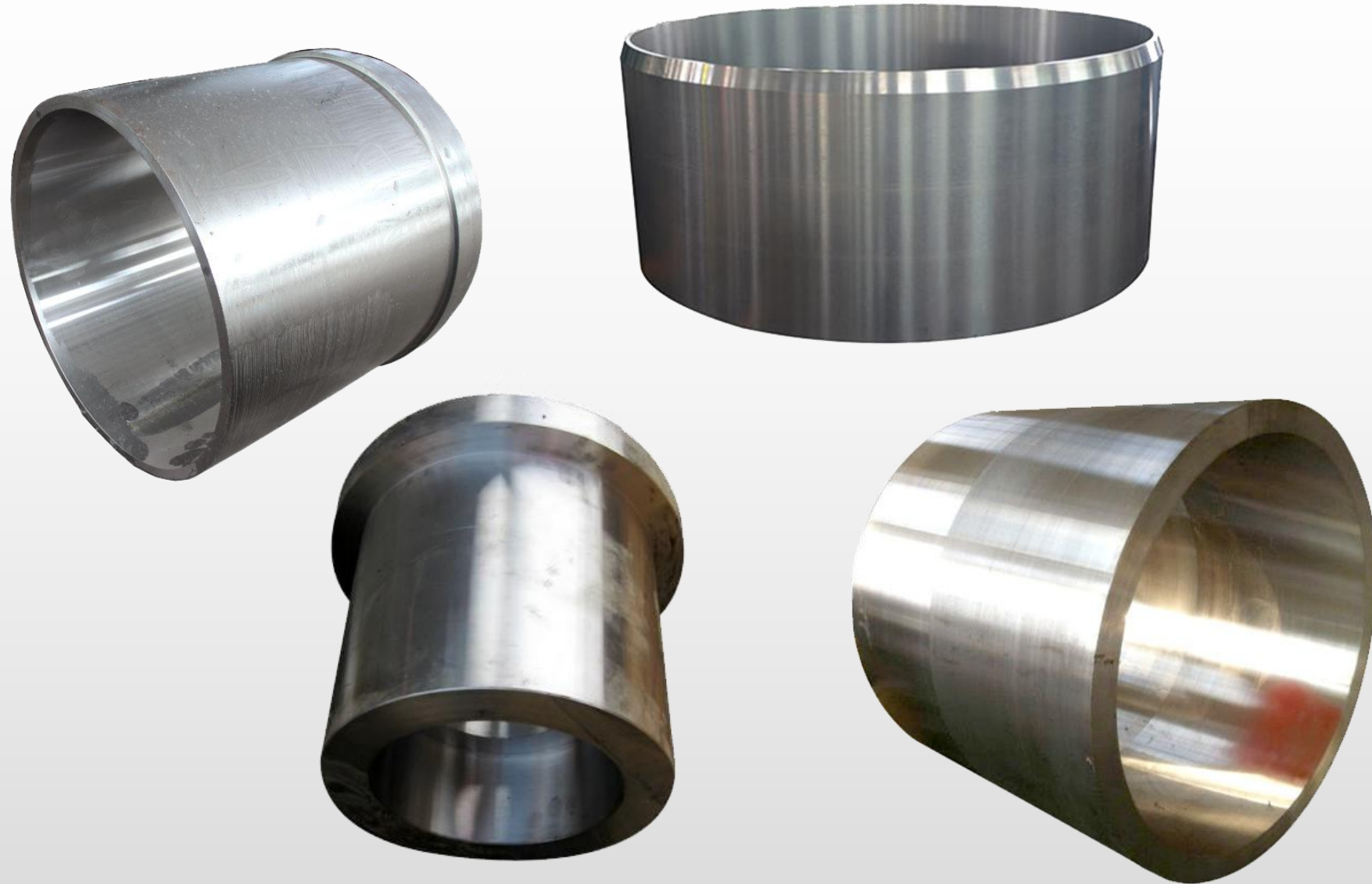




## ➔ Forging Disc



## ➔ Forging Hollows





# Packing Details ←

Customize special packaging according to product structure and customer requirements





# THANKS!

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