

Welcome to Kokuyo Spring

Front Gate View



Factory Overview

- Established year :1999
- Total Investment: USD 1.3 million
- Major spring wire diameter:
0.1~4.0mm
- Employee: 100
- Workshop Area: 6000 M²
- Value of Annual Output: More
than 5 million USD\$

ISO9001:2015 ISO14001:2015 certificates



Main Customers (Domestic)



Main Customers (Overseas)

Belgium



Spain



Vietnam



USA

W.R. COBB Company



India



Israel

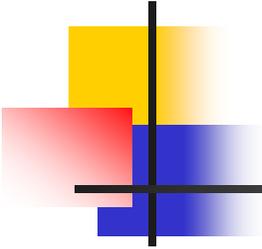
gevasol
fluid and motion control



Australia

Blackmagicdesign





Main Products

- Tension Spring
- Compression Spring
- Torsion Spring
- Conical Spring
- Flat Spring
- Wire forms
- Battery Spring
- Circlips
- Stamping parts
- Pins



Tension Spring

- End Products: Machinery, Fitness, Entertainment Gear, Home appliance, etc.
- Surfaced Treatments: Polished, Powder Spraying, Black Phosphating, Black Oxide, etc.



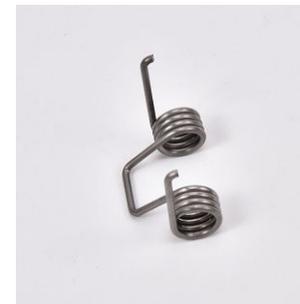
Compression Spring (flat & round wire)

- End Products: Machinery, Switches, Telecommunication, Valves, Toys, Air compressor.
- Surfaced Treatments: Polished, Powder Spraying, Black Phosphating, Black Oxide, Spray Coating, Shot Peening, etc.



Torsion Spring (flat & round wire)

- End Products: Cleaning Tools, Medical Tools, Power Tools, Hardware, Locks, etc.
- Surfaced Treatments: Polished, Powder Spraying, Black Phosphating, Black Oxide,, Zinc Coating, Geomet, etc.



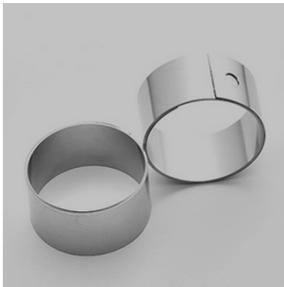
Conical Spring

- End Products: Medical Devices, Computer Mice, Switches, Valves, etc.
- Surfaced Treatments: Spray Coating, Zinc Coating, Gold Coating, Black Phosphating, Anodizing



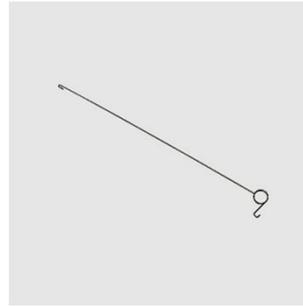
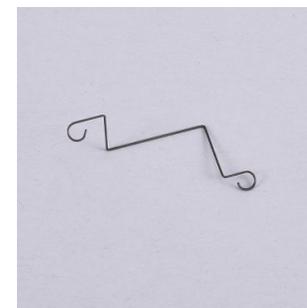
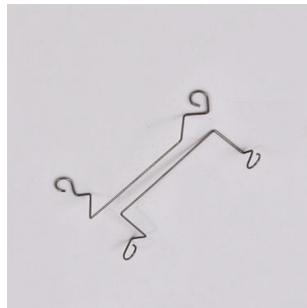
Flat Spring

- End Products: Monitors, Mechanical Clocks, Dish Washers, Electrical Motors, etc.
- Surfaced Treatments: Electropolishing, Black Phosphating, Black Oxide, etc.



Wire Forms

- End Products: Computer Keyboards, Bluetooth Earpods, Motors, etc.
- Surfaced Treatments: Gold plating, Black Oxide, Zinc Coating, Tin Coating, etc.



Battery Spring

Used for all kinds of remotes, toys, and other battery slots



Circlips

Used for bearings, pistons, electric motors, valves, etc



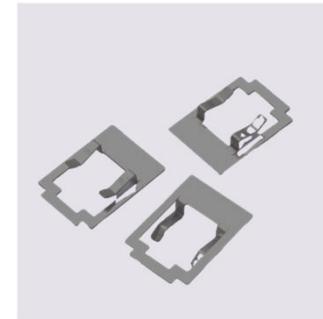
Pins/Shafts

Used for hinges, machinery, hardware, Fastening and Joining, etc



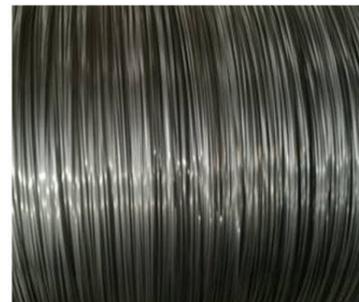
Stamping parts/plate springs

Used for machinery, home appliance, automobile parts, etc



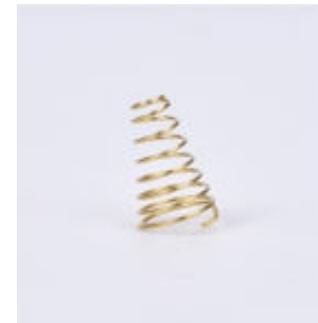
Raw Materials

- Carbon steel wire & sheets
- Music/Piano wire
- Pre-coated carbon wire
- Stainless Steel
2xx/3xx/4xx/6xx series wire &
sheets
- Copper Alloy wires
- Iron wires
- Inconel[®] wires & sheets(MOQ
required)
- Hastelloy[®] (MOQ required)
- Elgiloy[®] (MOQ required)

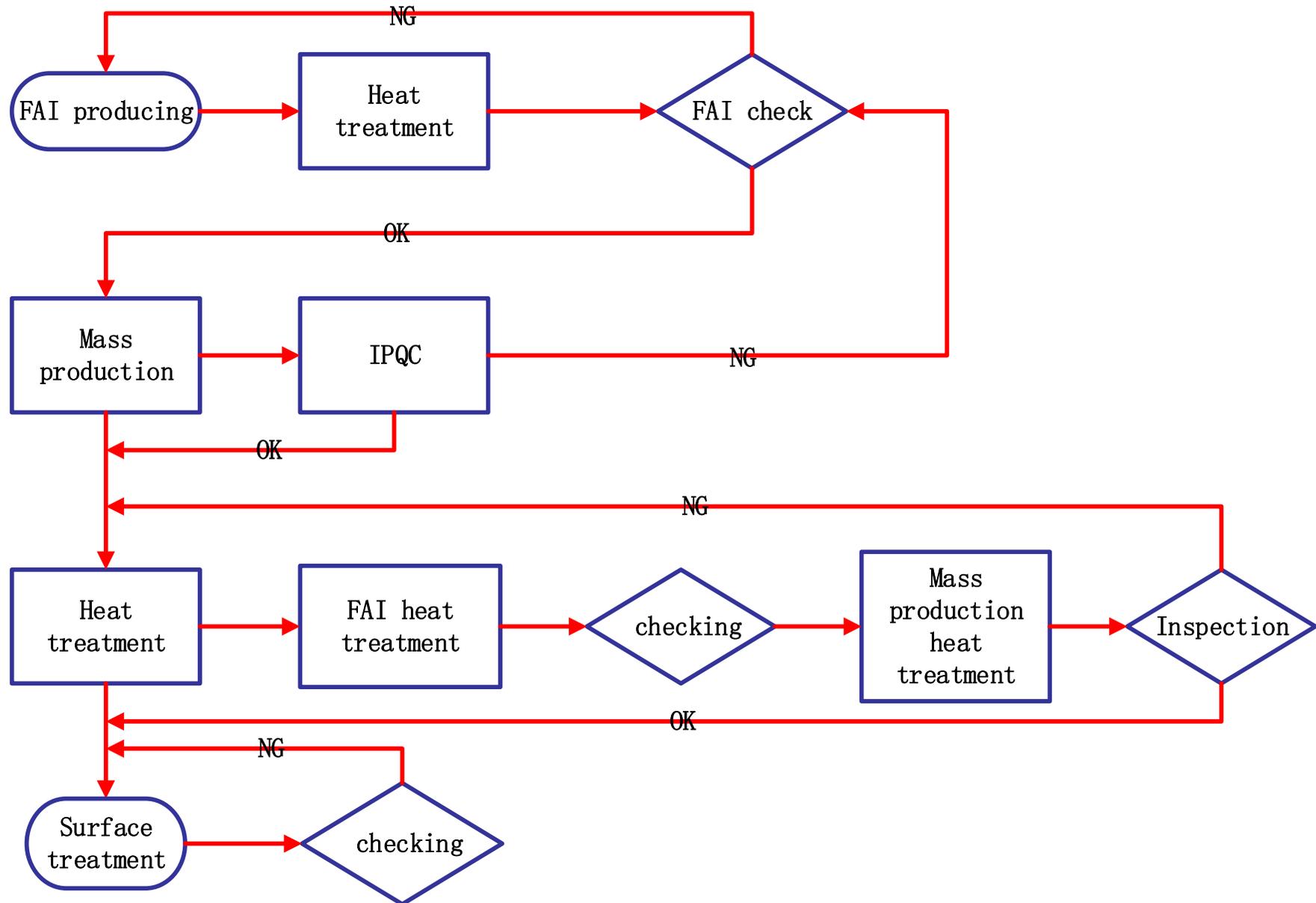


Surface Treatment

- Zinc Coating
- Nickel Coating
- Gold Coating
- Silver Coating
- Black Oxide/Phosphating
- Stainless Steel Passivation
- Powder Spraying
- Geomet[®] (Zinc flaking)
- Delta[®] (Zinc flaking)
- And more..



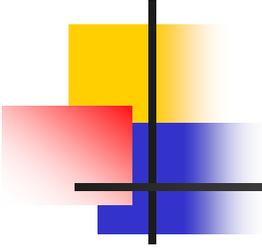
Production Workflow



Packaging (Inner)



Plastic Trays



Packaging (Inner)



Plastic Trays

(for Auto Production Line, also to avoid tangling)

Packaging (Inner)



Plastic Trays
(for Auto Production Line, also to avoid tangling)

Packaging (Inner)



Zip lock bag
(Default packaging for
small springs)



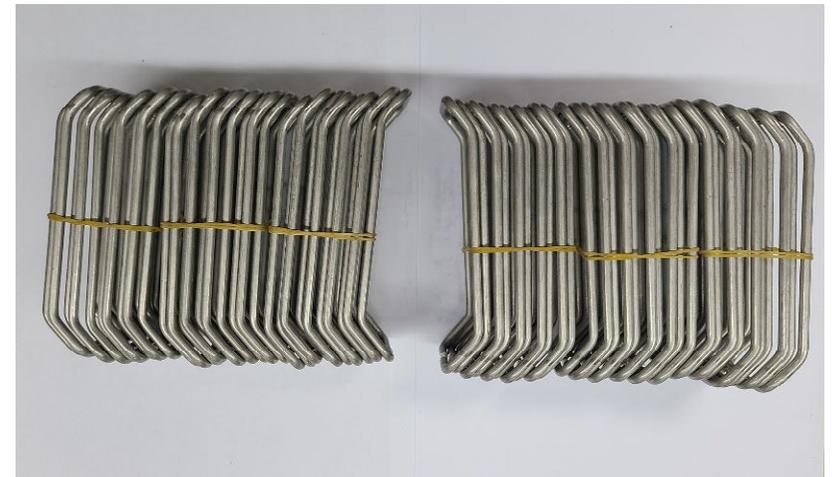
**Oil paper
packaging**

Packaging (Inner)

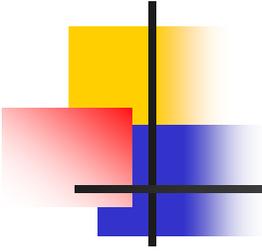


Inflatable air packaging
(To protect springs during transportation)

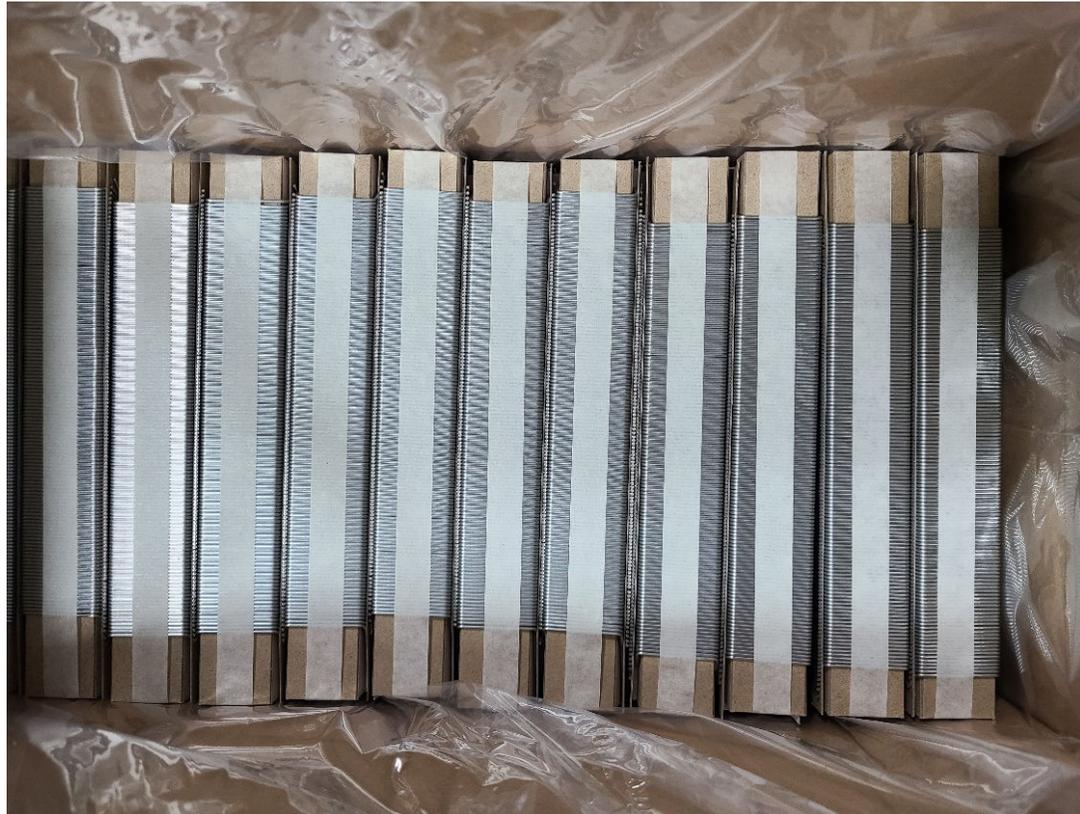
Packaging (Inner)



Ribbon band/Polymembrane film



Packaging (Inner PKG)



**Special packaging for keyboard stabilizer bar
(For auto-assembly line)**

Packaging (Inner PKG)



**Special packaging for keyboard stabilizer bar
(For auto-assembly line)**

Packaging (Inner PKG)



Plastic ribbon packing for small springs
(For auto-assembly line)

Packaging



Wooden Pallet

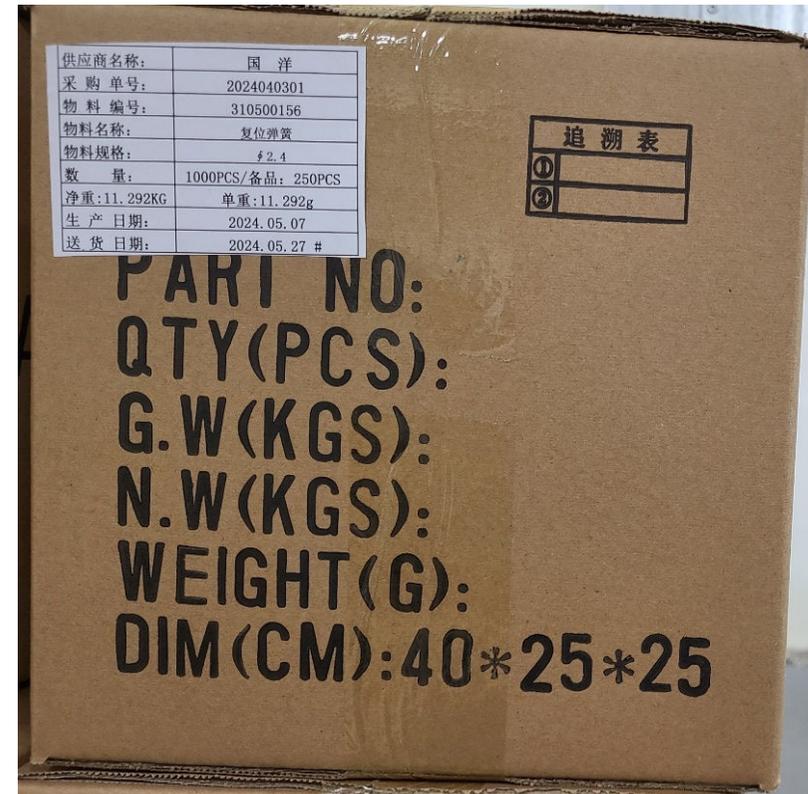


Wooden Pallet & Wooden Protection Cover

Packaging (Label)



Labeling on Left Upper Corner



Label Info: Part No./ PO/
QTY/ Weight

Shipping Service

- Truck Transportation



- Water Transportation



- Railway Transportation



- Air Transportation



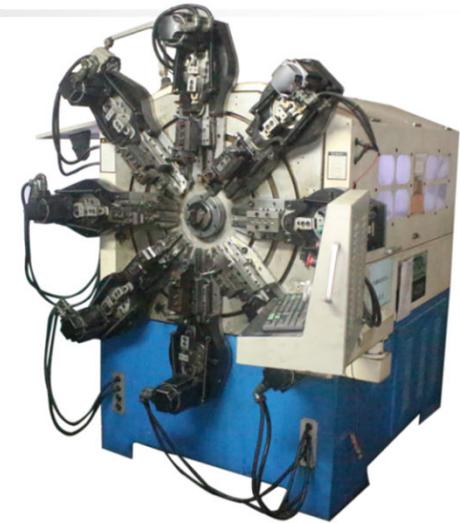
Forwarder:

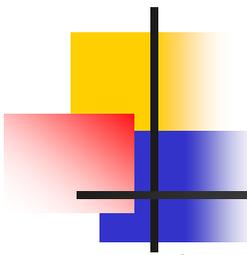


Workshop views



Automatic Spring Machines





Production Equipment

产品生产设备 Major Production Development Equipment		
序号 Item	设备名称 Description	数量 Qty
1	Universal spring machine: can do 0.1-4.0 diameter springs, mainly produce various torsion springs, tension springs, battery springs and wire forms	25
2	Compress Spring:can make 0.1-4.0mm diameter springs Mainly produce all kinds of compression springs, side hook tension springs, conical springs and battery springs	25
3	Punch: 20-60T, mainly produce small hardware stamping parts	5
4	Small Latch: 0.2~2.5 diameter mainly produce clothes hanger hook/bead hook and various of wire forms (include shaping with partial stereo angles)	26
5	Large/Medium Latch Machine: 1.0~6.0 Diameter mainly produce clothes hanger hook/bead hook and various of wire forms (include shaping with partial stereo angles)	26
6	Full self-propelled flower machine: production range: 0.5--10mm, Processing of dental ridges: pineapple teeth, horizontal stripes, straight lines, twill, biting patterns, etc.	5

Inspection Instruments



Torque Tester



tensile strength tester



Force value tester



Visual inspection system



manual spring force tester



projector

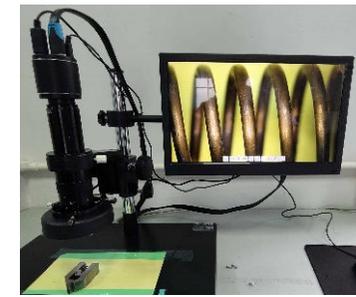
Inspection Instruments



Hardness tester



LCR tester



Microscope



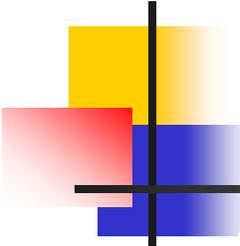
spectrometer (For RoHS test)



Fatigue life tester



coating thickness tester



Inspection Instruments

序号 No.	检测设备 Inspection Instrument	数量 Qty
1	Automatic Spring Force Value tester	2
2	Plating thickness Tester	1
3	Image Inspection Workstation	2
4	Optical Projector	3
5	Spring Fatigue Life Tester	1
6	Tensile Strength Tester	2
7	Torsional force Tester	1
8	LCR Test Machine	1
9	Hardness Tester	1
10	RoHS Tester	1
11	Industrial Microscope	2

Contact

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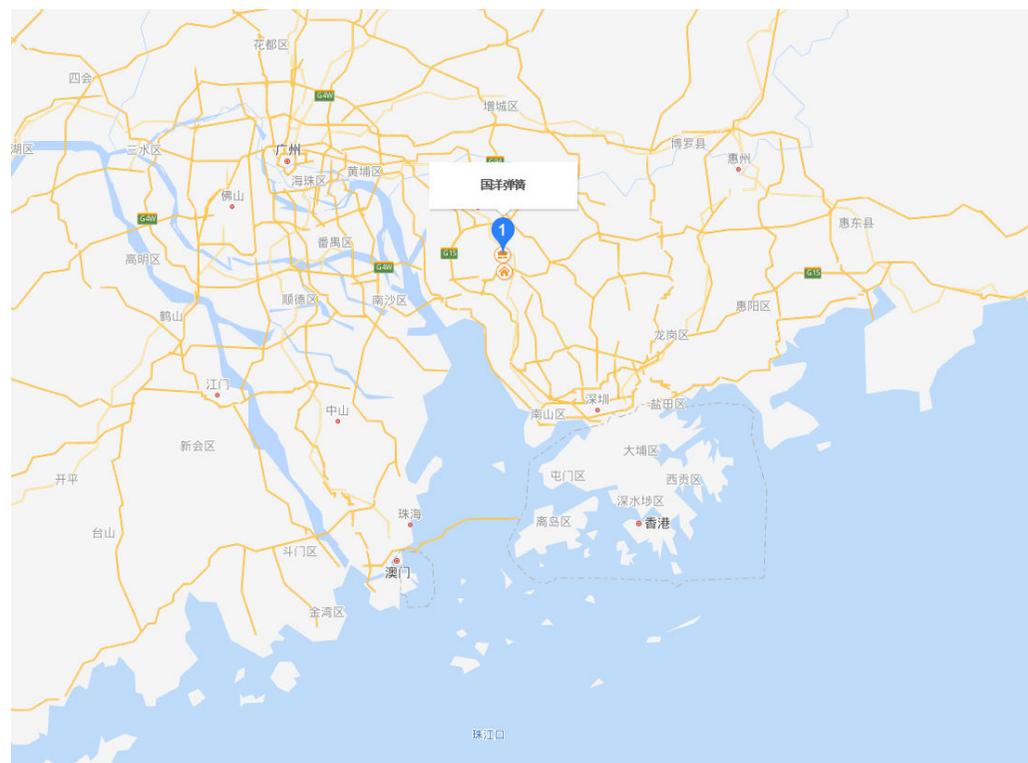
Addr: Guanchang Road 183#, Dalingshan,
Dongguan, Guangdong, China

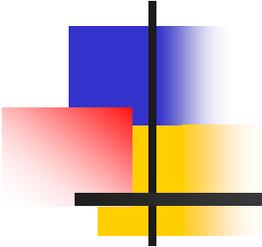
Hong Kong:

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Thank you!

COOPERATION

