



# To the Global! To the Future!

WOOSUNG HI-TECH CO.,LTD.



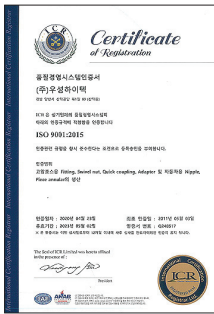
# TO THE GLOBAL! TO THE FUTURE!

Woosung Hi-Tech is specialized OEM manufacturer of hydraulic fittings, elbow flange, manifold, brazing products and automotive parts.

Woosung Hi-Tech's goal is produce world class fitting with technology know-how which accumulated over 29years.

We will do our best to developing and producing the product to fulfill the global customer's satisfaction.

## Certificate



Certification of Quality management system(KOR)



Certification of Quality management system(ENG)



Certification of Reserch Lab



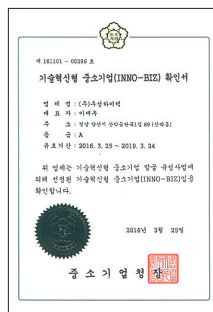
Patent application for nut inspection M/C



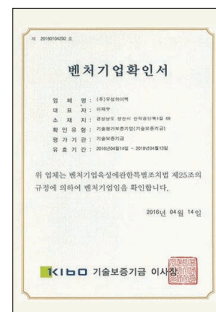
Patent application for Nitrogen Filling Trailer



Management Innovation Company(Main-Biz) Confirmation



[Technology Innovation Company (INNO-Biz) Confirmation



Confirmation of Venture company

**1992**

WOOSUNG PRECISION  
established  
-Hydraulic fittings

**1994**

Parker Hannifin connector  
-Supply hose end fittings

**2004**

Change the name as  
WOOSUNG HI-TECH

**2009**

Move facilities  
(San-mak, Yangsan)

**2010**

ISO 9001 : 2008 &  
KS Q 9001 : 2009

**2011**

Certified as a management  
innovation company (Main-Biz)

**2012**

Awarded \$3 million  
export sales volume

**2015**

Awarded \$5 million export  
sales volume [KOITA]

Certificate of R&D center [MSIF]

**2016**

Obtain certificate of  
Venture company (KIBO)

Technology innovation  
company [INNO-BIZ]

**2017**

ISO 9001 : 2015(Cer No : Q240517)  
Issued by ICR

**2018**

Private Joint Investment  
technology development  
& Selection as a excellent  
employment company

**2019**

Obtain certification of  
Hazard and Operability

**2020**

Selected as a smart factory  
construction project by MSS  
(Ministry of SMEs and Startups)

# ABOUT US

Business Area  
Quality Management Principle

## Business Area



## Management Policy



Customer  
Satisfaction



Quality Assurance  
System



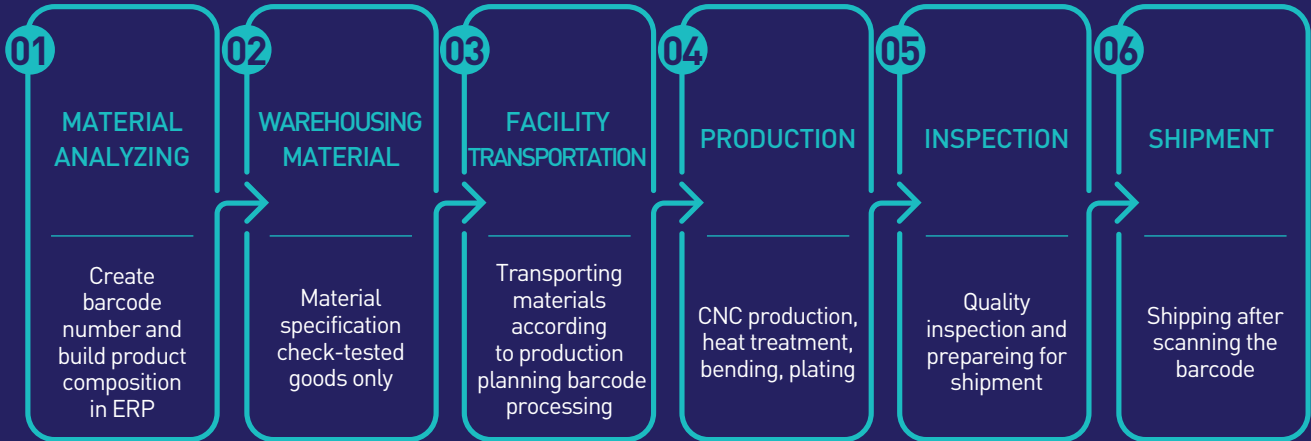
Lead Technology  
Development

# PROCESS MANAGEMENT

LOT Tracking System  
Big Data Tracking System  
6 Sigma management: DMAIC

## LOT Tracking System

Effective LOT tracking management based on a computerized system  
(The barcode will not be issued for the non-tested or non-registered LOT)



- Automated Tracking System
- FIFO (First in, First out) System

## Big Data Tracking System

The computerized system for real-time monitoring in the first major element testing established



Preventing quality issues caused by recording the automatic data transfer

## 6 Sigma management: DMAIC



**DEFINE**  
Define the problem



**MEASURE**  
Quantify the problem



**ANALYZE**  
Identify the cause of the problem



**IMPROVE**  
Implement and verify the solution



**CONTROL**  
Maintain the solution

# PRODUCT DESCRIPTIONS

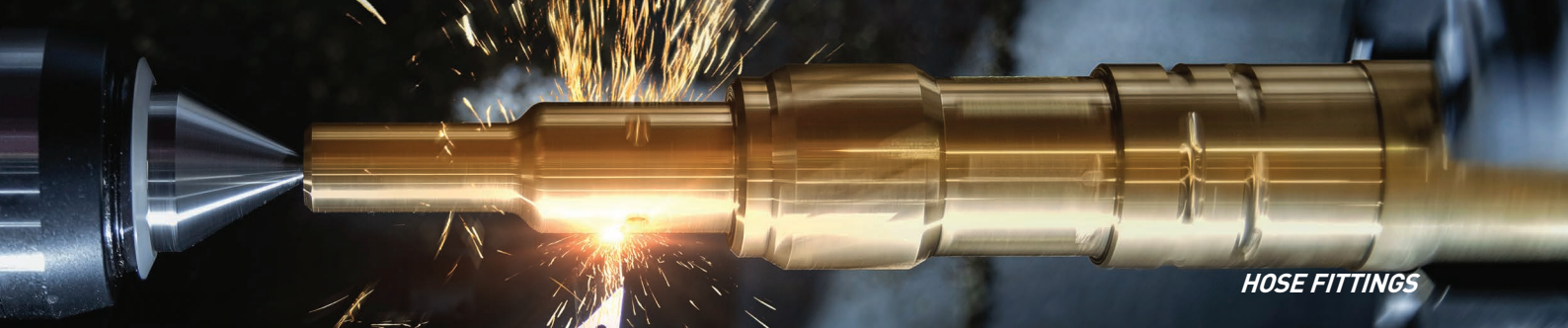


Stainless Steel Fitting

## Straight Fitting

Hydraulic System / Pneumatic System / Heavy Industrial Unit

<b>Available Size</b>	1/4"~ 2"
<b>Material</b>	Carbon Steel , Stainless Steel, Brass
<b>End style</b>	Threads: UN(F), PT/PF, NPT(F), NPSM, BSPT/BSPP, METRIC - Swivels, Wire Assembly - FLANGES (SAE CODE 61, CODE 62) - JIC 37° Flare / Cone - JIS 30° Flare / Cone - DIN 24° Flare / Cone (HEAVY/ LIGHT) - METAL SEAL (BONDED) - O-ring face seal - Union available
<b>Plating</b>	Corrosion Resistance of SAE J516, ASTM B117 - Silver Chromium 6 free plating



## 45 ° Elbow Fitting

Hydraulic System / Pneumatic System / Heavy Industrial Unit

<b>Available Size</b>	1/4" ~ 2"
<b>Material</b>	Carbon Steel , Stainless Steel, Brass
<b>Drop length</b>	Long, Short, Standard
<b>End style</b>	Threads: UN(F), PT/PF, NPT(F), NPSM, BSPT/BSPP, METRIC - Swivels, Wire Assembly - FLANGES (SAE CODE 61, CODE 62) - JIC 37° Flare / Cone - JIS 30° Flare / Cone - DIN 24° Flare / Cone (HEAVY/ LIGHT) - METAL SEAL (BONDED) - O-ring face seal - Union available
<b>Plating</b>	Corrosion Resistance of SAE J516, ASTM B117 - Silver Chromium 6 free plating



## 90 ° Elbow Fitting

Hydraulic System / Pneumatic System / Heavy Industrial Unit

<b>Available Size</b>	1/4" ~ 2"
<b>Material</b>	Carbon Steel , Stainless Steel, Brass
<b>Drop length</b>	Long, Short, Standard
<b>End style</b>	Threads: UN(F), PT/PF, NPT(F), NPSM, BSPT/BSPP, METRIC - Swivels, Wire Assembly - FLANGES (SAE CODE 61, CODE 62) - JIC 37° Flare / Cone - JIS 30° Flare / Cone - DIN 24° Flare / Cone (HEAVY/ LIGHT) - METAL SEAL (BONDED) - O-ring face seal - Union available
<b>Plating</b>	Corrosion Resistance of SAE J516, ASTM B117 - Silver Chromium 6 free plating



Stainless Steel Fitting

# PRODUCT DESCRIPTIONS



## LPI & Special parts

Hydraulic System / Pneumatic System

LPI

LPI Engine fuel feeder line

<b>Available Size</b>	1/4"
<b>Material</b>	Carbon Steel
<b>Plating</b>	Corrosion Resistance of SAE J516, ASTM B117 - Zinc Nickel alloy plating - Silver Chromium 6 free plating

Special parts

Appliance / Automotive / Heavy Truck

<b>Available Size</b>	1/4"
<b>Material</b>	Carbon Steel , Stainless Steel, Brass
<b>End style</b>	Threads: UN(F), PT/PF, NPT(F), NPSM, BSPT/BSPP, METRIC - Swivels, Wire Assembly - Swivels - JIC 37° Flare - O-ring face seal - Union available
<b>Plating</b>	Corrosion Resistance of SAE J516, ASTM B117 - Silver Chromium 6 free plating





AUTOMOTIVE / QUICK COUPLING / TUBE BENDING FITTING

## QUICK COUPLING

### Ball & Nipple body

Hydraulic System / Pneumatic System

<b>Available Size</b>	1/4"~ 2"
<b>Material</b>	Carbon Steel , Stainless Steel, Brass
<b>End style</b>	Threads: UN(F), PT/PF, NPT(F), NPSM, BSPT/BSPP
<b>Plating</b>	Corrosion Resistance of SAE J516, ASTM B117 - Silver Chromium 6 free plating



## TUBE BENDING FITTING

### Pipe or Tube Bending Fitting

Hydraulic System / Pneumatic System

<b>Available Size</b>	1/4"~ 2"
<b>Material</b>	Carbon Steel , Stainless Steel, Brass
<b>End style</b>	Threads: UN(F), PT/PF, NPT(F), NPSM, BSPT/BSPP, METRIC - Swivels - Banjo - Union available
<b>Plating</b>	Corrosion Resistance of SAE J516, ASTM B117 - Silver Chromium 6 free plating



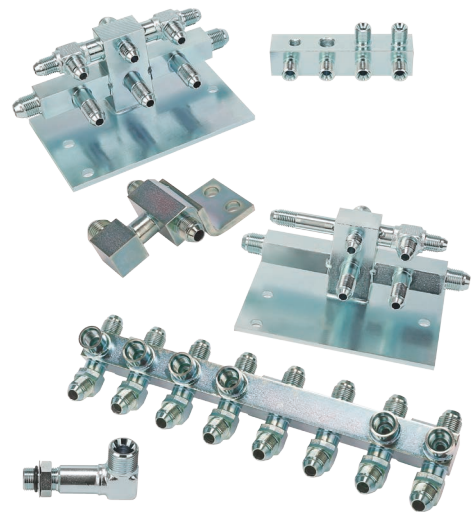
# PRODUCT DESCRIPTIONS

## **BRAZING & WELDING FITTING**

### Nipple brazing

Heavy Industrial Unit / Application : KOBELCO -SK10SR, SK17SR, SK20SR, SK30SR CATERPILLAR - 303.5E CR, 304E.CR, 305E.CR, 305.5E CR

<b>Available Size</b>	1/4"~ 1"
<b>Material</b>	Carbon Steel , Stainless Steel, Brass
<b>Brazing</b>	Brass Brazing , Stainless Brazing
<b>End style</b>	Threads: UN(F), PT/PF, NPT(F), NPSM, BSPT/BSPP, METRIC - JIC 30° Flare - JIS 30° Flare / Cone - ORB
<b>Plating</b>	Corrosion Resistance of SAE J516, ASTM B117 - Silver Chromium 6 free plating

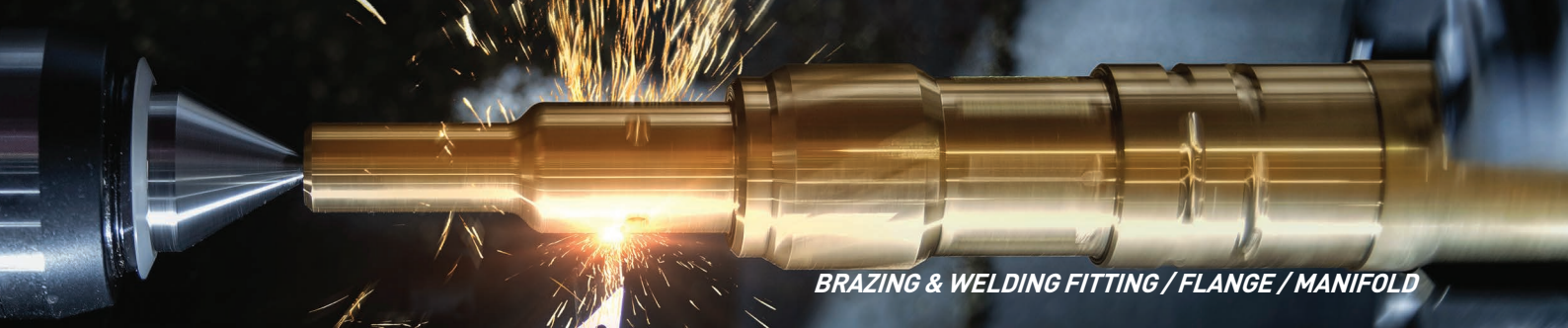


### Pipe brazing

Heavy Industrial Unit / Application : YANMAR -VI035-6B, VI045-6B, VI055-6B

<b>Available Size</b>	1/4"~ 1"
<b>Material</b>	Carbon Steel , Stainless Steel, Brass
<b>Brazing</b>	Brass Brazing , Sus Brazing
<b>End style</b>	Threads: UN(F), PT/PF, NPT(F), NPSM, BSPT/BSPP, METRIC - JIC 30° Flare - JIS 30° Flare / Cone - ORB
<b>Plating</b>	Corrosion Resistance of SAE J516, ASTM B117 - Silver Chromium 6 free plating





BRAZING & WELDING FITTING / FLANGE / MANIFOLD



## Flange Fitting

Heavy Industrial Unit / Pneumatic System

<b>Available Size</b>	1/4"~ 2"
<b>Material</b>	Carbon Steel , Stainless Steel, Brass
<b>End style</b>	Threads: UN(F), PT/PF, NPT(F), BSPT/BSPP - Swivels, Wire Assembly - FLANGES (SAE CODE 61, CODE 62) - JIC 37° Flare - JIS 30° Flare / Cone - DIN 24° Flare / Cone (HEAVY/ LIGHT) - METAL SEAL (BONDED) - O-ring face seal - Union available - No weld, One-piece fitting
<b>Plating</b>	Corrosion Resistance of SAE J516, ASTM B117 - Silver Chromium 6 free plating



Hydraulic System

<b>Available Size</b>	1/4"~ 2"
<b>Material</b>	Carbon Steel - JIS S20C; SAE 1020: DIN 1.0402
<b>End style</b>	Threads: UN(F), PT/PF, NPT(F), METRIC
<b>Plating</b>	Corrosion Resistance of SAE J516, ASTM B117 - Silver Chromium 6 free plating





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