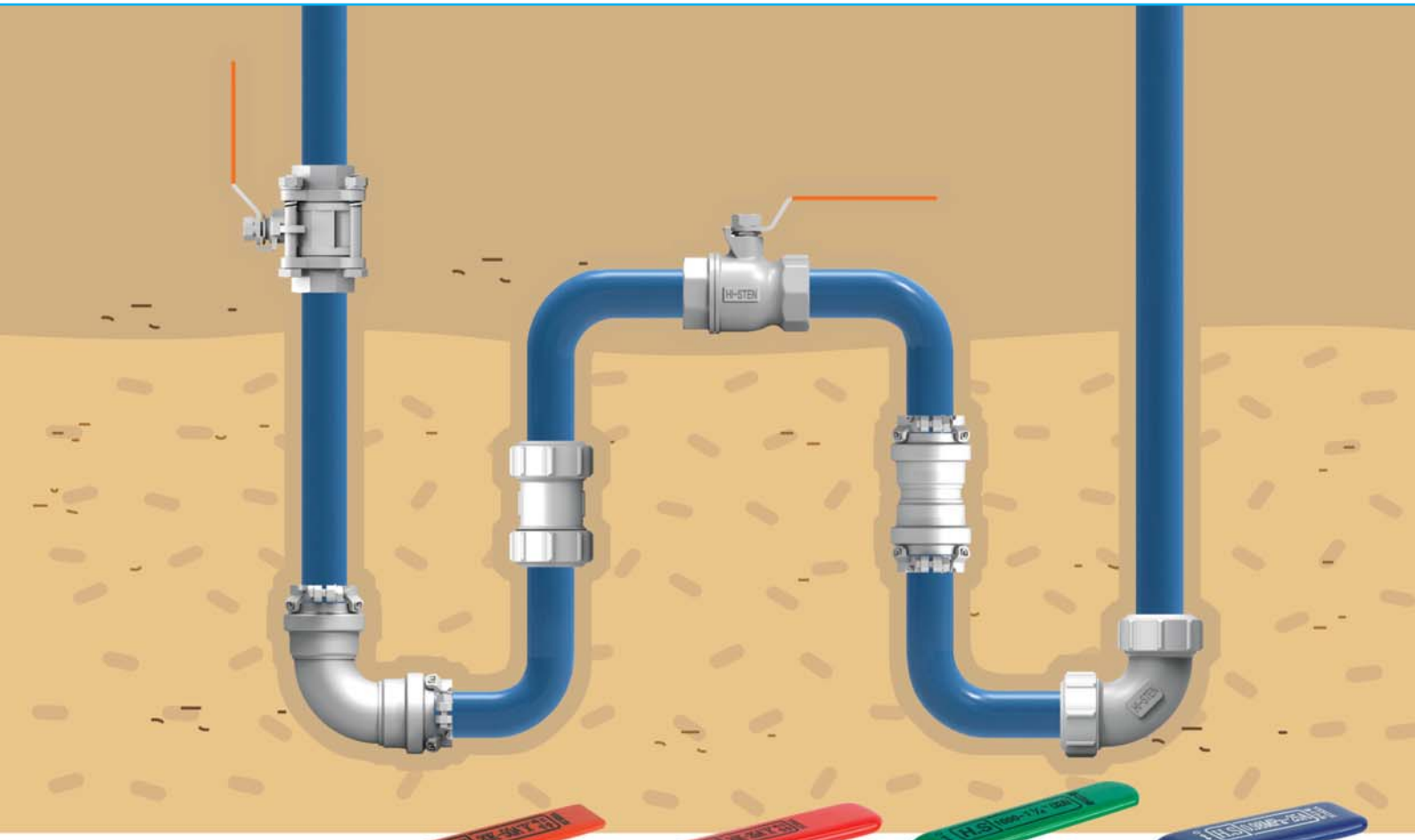
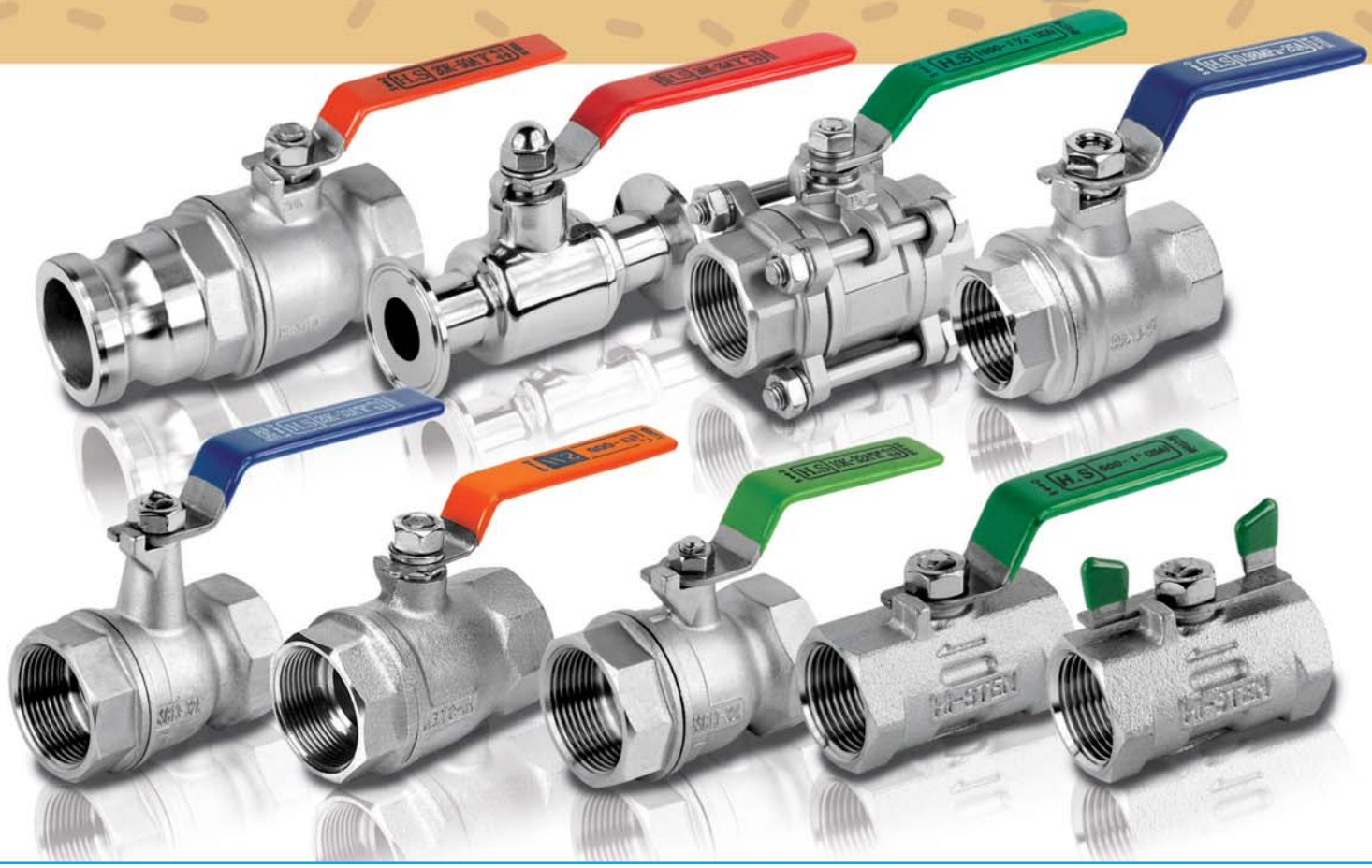
histen

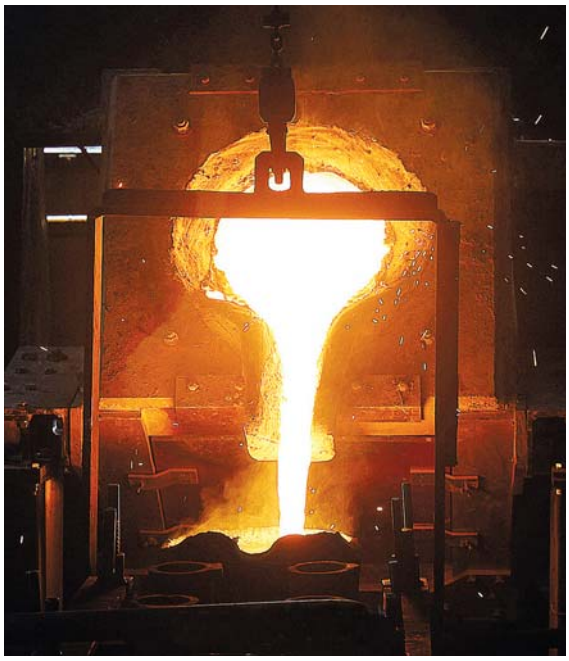
Valve & Fitting Solution





Histen corporation
since 1994

Our Company



Histen corporation, established in 1994, has supplied only reliable and safety products to various fields from home to industries as a certified manufacturer of stainless steel valves, joints and fittings. Our company is based in the southern of South Korea, has independent manufacturing facility lines for casting, assembly, solution heat treatment and R&D center. All products are based on casting with solution heat treatment. And our unique technology has been developed from concerns to prevent leakage and breakaway between pipes due to quake or shock and to supply high quality water without any contamination.

Moreover, all procedures to produce one product from selection of raw material to inspection of final product have been performed by Histen itself under strict control to guarantee the high quality of product according to international codes and standards. These efforts and developments through the centuries made Histen to win many awards from government. Today, Histen corporation mainly produce stainless balls valves, pipe fittings and movable joints without leakage as a main supplier for government projects with a good reputation for excellent quality.

Now, Histen corporation is expending business area towards not only Waterworks but also Oil & Gas industry including Control valves with various materials.

To satisfy customer's diverse needs, we starts custom-made service for all types of products.

We will keep focus on achieving greater satisfaction for our customers in Quality, Price and Delivery.

Vision

Best solution for Piping and Clean Water supply! Best application for Leakage and Quake!!

Histen corporation will remain an honest manufacturer that concentrates on minimize using energy and materials for the earth, whereas maximize quality for human beings.

Ball Valve



Application

- All stainless steel pipes
- Sanitary valve for food industries
- Hot and Cold water for industries and waterworks

Description

- Free from Leakage, corrosion, contamination
- Solution heat treatment
- A thread part have a perfect/sufficient length
- There is no burr on end by CNC machining for stem and thread
- Our products being delivered with 100% leakage test
- More than 2,000 various products are available
- Custom made available (Size, Material, Standard etc.)

Ball Valve

Specification



Type	1-Piece	
Material	Body	ASTM A351 CF8/CF8M
	Ball	SS304/316
	Stem	SS304/316
	Seat	PTFE or GRAPHITE
Size	DN8 ~ DN50	
Temperature Range	-20°C ~ 80°C	
Nominal Pressure	PN10	



Type	1-Piece hex	
Material	Body	SS304/316
	Ball	SS304/316
	Stem	SS304/316
	Seat	PTFE or GRAPHITE
Size	DN15 ~ DN25	
Temperature Range	-20°C ~ 80°C	
Nominal Pressure	PN10	



Type	2-Piece Reduced Bore	
Material	Body	ASTM A351 CF8/CF8M
	Ball	SS304/316
	Stem	SS304/316
	Seat	PTFE or RTFE
Size	DN8 ~ DN80	
Temperature Range	-20°C ~ 80°C / -20°C ~ 140°C	
Nominal Pressure	PN10 / PN20	

Ball Valve

Specification



Type	2-Piece full bore	
Material	Body	ASTM A351 CF8/CF8M
	Ball	SS304/316
	Stem	SS304/316
	Seat	PTFE
Size	DN15 ~ DN50	
Temperature Range	-20°C ~ 80°C	
Nominal Pressure	PN20	



Type	2-Piece with long stem	
Material	Body	ASTM A351 CF8/CF8M
	Ball	SS304/316
	Stem	SS304/316
	Seat	PTFE
Size	DN15 ~ DN50	
Temperature Range	-20°C ~ 80°C	
Nominal Pressure	PN20	



Type	3-Piece	
Material	Body	ASTM A351 CF8/CF8M
	Ball	SS304/316
	Stem	SS304/316
	Seat	PTFE
Size	DN15 ~ DN50	
Temperature Range	-20°C ~ 80°C	
Nominal Pressure	PN20	

Ball Valve

Specification



Type	3-Way (L-Type / T-Type)	
Material	Body	ASTM A351 CF8/CF8M
	Ball	SS304/316
	Stem	SS304/316
	Seat	PTFE or GRAPHITE
Size	DN15 ~ DN50	
Temperature Range	-20°C ~ 80°C	
Nominal Pressure	PN30	



Type	2-Piece Sanitary	
Material	Body	ASTM A351 CF8/CF8M
	Ball	SS304/316
	Stem	SS304/316
	Seat	PTFE
Size	1s / 1.5s /2s	
Temperature Range	-20°C ~ 80°C	
Nominal Pressure	PN10	



Type	3-Piece Sanitary	
Material	Body	ASTM A351 CF8/CF8M
	Ball	SS304/316
	Stem	SS304/316
	Seat	PTFE
Size	1s / 1.5s /2s	
Temperature Range	-20°C ~ 80°C	
Nominal Pressure	PN10	

HI-DR Joint



Application

- Stainless steel pipe (ASTM A269), PVC-U pipe, PFP pipe, PSP and Spool pipe
- Hot and Cold water for industries and waterworks

Description

- Solution heat treatment
- Perfect leakage protection by applying uniquely designed cone packing
- No pipe breakaway and leakage under condition of ground sink and quake
- Simple and easy assembly, No welding required, No need heavy equipment and big space for installation
- Free from corrosion and contamination
- More than 2,000 various products are available
- Custom made available (Size, Material, Standard etc.)

HI-DR Joint

Specification

				
Type	Socket / Reducing Socket	Tee / Reducing Tee	Elbow / 45°Elbow / 22.5°Elbow / 11.25°Elbow	Valve Socket
Material	Body	ASTM A351 CF8/CF8M		
	Packing	EPDM		
	Stop ring	CF8 / CF8M / POM		
	Washer	POM		
Size	DN13 ~ DN60			
Temperature Range	-20°C ~ 80°C			
Nominal Pressure	PN10			

				
Type	End Cap	Saddle Socket	Connecting Socket	Nipple A
Material	Body	ASTM A351 CF8/CF8M		
	Packing	EPDM		
	Stop ring	CF8 / CF8M / POM		
	Washer	POM		
Size	DN13 ~ DN60			
Temperature Range	-20°C ~ 80°C			
Nominal Pressure	PN10			

			
Type	Socket / Reducing Socket	Tee / Reducing Tee	Elbow
Material	Body	ASTM A351 CF8/CF8M	
	Clamp	CF8 / CF8M / POM	
	Packing	EPDM	
	Bolt	SS304 / 316	
	Nut	SS304 / 316	
	Washer	SS304 / 316	
Size	DN65 ~ DN300		
Temperature Range	-20°C ~ 80°C		
Nominal Pressure	PN10		

HI-PB Joint



Application

- All PB(Polybutylene) pipes / PE(polyethylene)pipes
- Hot and Cold water for industries and waterworks

Description

- Solution heat treatment
- No pipe breakaway and leakage
- Dissimilar metal connection available
- Free from corrosion and contamination
- Simple and easy assembly, No welding required, No need heavy equipment and big space for installation
- More than 2,000 various products are available
- Custom made available (Size, Material, Standard etc.)

HI-PB Joint

Specification

					
Type	Coupling / Reducing Coupling		Equal Tee / Branch Reducing Tee	Elbow	End Cap
Material	Body	ASTM A351 CF8/CF8M			
	Clamping Ring	Copper			
	Sleeve	PE			
Size	DN16 ~ DN32				
Temperature Range	-20°C ~ 95°C				
Nominal Pressure	PN10				

				
Type	Female Adaptor / Male Adaptor	Female Elbow / Male Elbow	Wingback Female Elbow / Wingback Male Elbow / Long Wingback Male Elbow / 3P Wingback Female Elbow	Wingback Female Tee / Long Wingback Male Tee / Long Wingback Female Tee
Material	Body	ASTM A351 CF8/CF8M		
	Clamping Ring	Copper		
	Sleeve	PE		
Size	DN16 ~ DN32			
Temperature Range	-20°C ~ 95°C			
Nominal Pressure	PN10			

Fittings



Application

- All stainless steel pipes
- Hot and Cold water for industries and waterworks

Description

- Free from corrosion and contamination
- Solution heat treatment
- More than 2,000 various products are available
- Custom made available (Size, Material, Standard etc.)

Fittings

Specification

				
Type	Tee / Reducing Tee / Cross Tee	Socket / Reducing Socket	Elbow / 45°Elbow Reducing Elbow / MF Elbow	Union / MF Union / Welding Union / Steam Union / Steam MF Union
Material	Stainless Steel			
Size	DN6 ~ DN100	DN6 ~ DN100	DN6 ~ DN100	DN6 ~ DN100
Temperature Range	-20°C ~ 200°C			
Nominal Pressure	PN10			

				
Type	Nipple / Reducing Nipple / Welding Nipple / Hose Nipple	Plug	Cap	Bushing
Material	Stainless Steel			
Size	DN6 ~ DN100	DN6 ~ DN100	DN6 ~ DN100	DN8x6 ~ DN100x80
Temperature Range	-20°C ~ 200°C			
Nominal Pressure	PN10			

Test and Quality Control

Histen manufactures and provides only reliable products to our customers.
All inspections and tests are performed by qualified and experienced experts under strict supervision in every single line in accordance with international codes, standards or project specification to satisfy all customers.

Pressure & Functional Tests

- Hydrostatic Test
- Low Pressure Air Test
- High Pressure Air Test
- Low Temperature Test
- Torque Test
- Cavity Relief Test
- Pressure Cycle Test


▲ Torque Test


▲ Pressure Cycle Test


▲ Low Temperature Test

Non-Destructive Test (NDT)

- Visual Test
- Penetrant Test
- Leak Test
- Ferrite Check
- Magnetic Permeability Test
- PMI (X-ray Fluorescence Inspection)
- Surface Roughness Test
- Shape Measuring Instrument


▲ Shape Measuring Instrument


▲ Magnetic Permeability Test


▲ Ferrite Check


▲ PMI (X-ray Fluorescence Inspection)


▲ Surface Roughness Test

Destructive Test (DT)

- Hardness Test
- Pulling Test
- Chemical Analysis Check (Optical Emission Spectrometer)
- Corrosion Test
- Microscopic Test
- Salt Spray Test


▲ Microscopic Test


▲ Hardness Test


▲ Corrosion Test


▲ Salt Spray Test


▲ Chemical Analysis Check (Optical Emission Spectrometer)


▲ Pulling Test

Certificates & Quality Assurance

All activities are aimed to meet the requirements of ISO 9001 as minimum guideline of our quality management

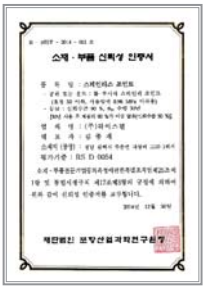
Certificates



▲ Certificate of ISO 9001



▲ Watermark Certificate of Conformity



▲ Certificate of Reliability-Roll push type stainless steel su joint



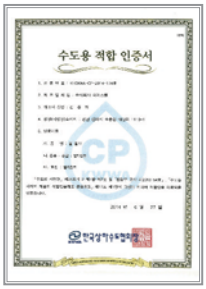
▲ Certificate of Reliability-stainless steel ball valve for industries



▲ Certificate of Reliability-stainless steel ball valve



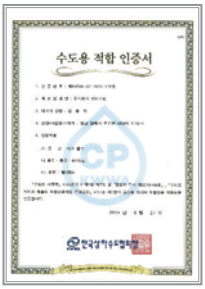
▲ Certificate of Reliability-stainless steel joint



▲ CP Certificate - Ball Valve for Water Works



▲ CP Certificate - Stainless Steel Fitting for Water Works



▲ CP Certificate - Stop Valve for Water Works



▲ CP Certificate - Strainer for Water Works



▲ Korea Certification - Check Valve for Water Works



▲ Korea Certification - Stainless Steel Fitting for Water Works



▲ Korea Certification - Ball Valve for Water Works



▲ Korea Certification - Snap Tap with Saddle for Water Works



▲ Korea Certification - Stainless Steel Fitting for Water Works (Roll-Push Type)



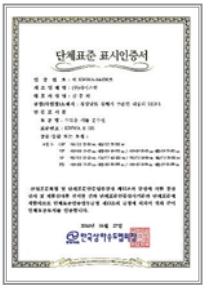
▲ Korea Certification - Strainer for Water Works



▲ Korea Certification - Stop Valve for Water Works



▲ KWWA Certificate - Stainless Steel Fitting for Water Works



▲ KWWA Certificate - Snap Tap with Saddle for Water Works

Patents



▲ Clamp for Coupling Plumbing 10-14422935



▲ Coutinuance-Complex-Equipment for Solution and Surface-bright Heat Treatment of Stainless Casting 10-1486906



▲ Flange for Coupling Plumbing 1330452



▲ Flange for Coupling Plumbing 1335828



▲ Method for Solution and Surface-bright Heat Treatment of Stainless Casting 10-1486909



▲ Pipe Connector 10-1420086

Awards



▲ Korea Presidential Award for Technical Innovation



▲ Korea Ministry of Knowledge Economy Award



▲ Korea National Emergency Management Award



▲ Korean Institute of Science & Engineering Technology Prize



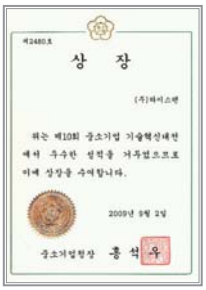
▲ National Assembly of the Republic of Korea Enviroment & Labor Commitee Award for Water Management



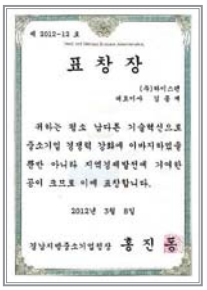
▲ Korea Environmental Industry and Technology Institute Prize for Water Management



▲ Korea Ministry of Environment Prize for Water Management



▲ Korea Small and Medium Business Administration Prize for Technical Innovation



▲ Korea Regional Small and Medium Business Administration Prize for Technical Innovation

histen
Valve & Fitting Solution

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