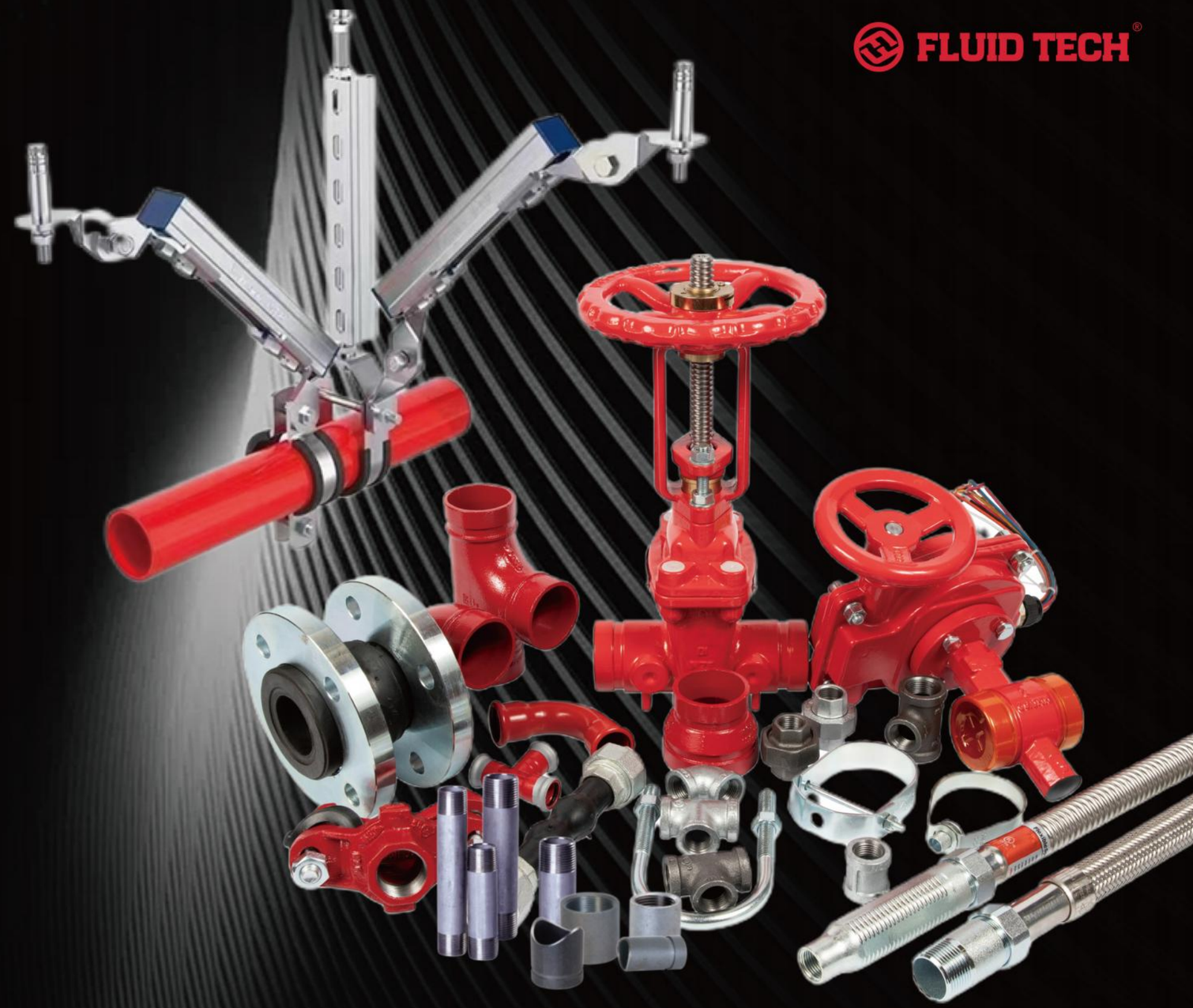
FLUID TECH®

FIRE PROTECTION SOLUTIONS
CHOOSE FLUID TECH



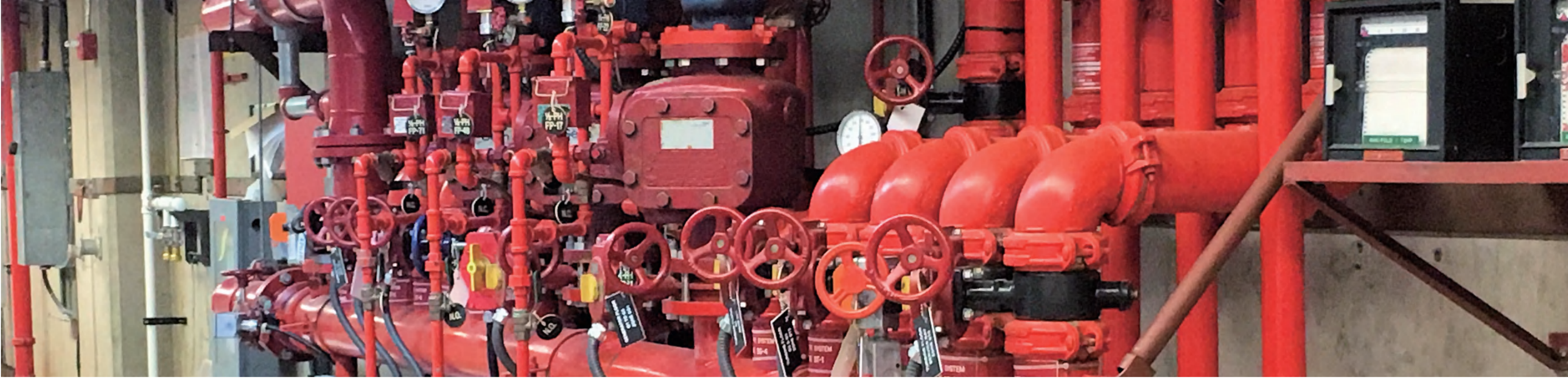
GENERAL CATALOG

Dedicated To Fire Protection Systems

FLUID TECH

FLUID TECH PIPING SYSTEMS (TIANJIN) CO.,LTD

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Company Profile

Fluid tech group is the first company in northern China that specializes in the field of fire protection. It has been committed to ensuring project safety and promoting industry progress since its establishment. In 2018, we joined hands with a number of senior foundries and pipe fittings processing plants to establish Fluid Tech Piping Systems (Tianjin) Co., Ltd. Marking an important step in our fire protection product manufacturing and services.

We strictly abide by international standards, and all exported fire protection products have passed the certification of authoritative organizations such as FM/UL/CE/LPCB/VDS to ensure the quality and reliability of each product. The factories involved in the production have also passed ISO, SGS, TUV and other certifications, reflecting our high standards in production technology and management system.Our warehouse is located in the northern logistics center, providing one-stop procurement services for global construction companies to ensure efficient and timely supply chain response.

Our aim is to use high-quality products to ensure the safety of the project, use professional knowledge to solve customer questions and use professional one-stop services to reduce customer costs. Bring economical and safe project solutions to the world.

Our Values

1.Complete Product Line

- Provide complete fire protection system solutions including malleable iron pipe fittings, GI fittings, grooved fittings, fire valves, sprinkler, flexible hose, pipe hangers, seismic sway bracing accessories to meet the needs of different projects.

2.One-stop Purchasing Solution

- Integrate high-quality resources, simplify customers' procurement processes, reduce cost and improve efficiency.

3.Free Professional Technical Support

- With rich industry experience, we can solve the customers' questions and provide customized solution design and technical guidance.

4.Quick Response

- Relying on the storage facilities of the Northern Logistics Center, we can achieve fast delivery, especially providing strong support in emergency situations.

5.Reliable Partners

- Cooperate with many well-known manufacturers to ensure product quality while enhancing the stability and flexibility of supply.

6.Economic and Safe Solutions

- Committed to providing customers competitive prices at the most optimized cost, while ensuring the absolute safety of the project.

Equipment Pictures


▲ Pattern


▲ Core Making


▲ Sand Muling


▲ Annealing


▲ DISA Line


▲ Melting


▲ Polishing


▲ Grinding Line


▲ Pattern


▲ Painting


▲ Threading,Grooving, Air Pressure Test


▲ Warehouse

What Can We Do For You

For Constructors

Safe, smart fire solutions for constructors!

At Fluid Tech, we focus on your needs. We produce pipe fittings for customers and offer one-stop procurement services:
What we can do for you:

International Certifications Assurance
Global compliance via FM, UL, CE, LPCB, VDS, etc.

Cost Savings of 30%
Save 30% with optimized supply chain.

One-Stop Service
One-stop service from consult to install.

Efficiency Boost of 40%
Boost efficiency by 40%

Rapid Tech Support
Tech support in 2 hours.

5-Year Warranty
5-year warranty included.

For Wholesalers

Choose FLUID TECH for the perfect safety, efficiency, and flexibility blend.

Founded in 2012 by two entrepreneurs specializing in the international trade of fire protection piping, FLUID TECH was established to meet evolving customer needs. With over 13 years in the industry, we understand every detail of fire protection piping. Choose FLUID TECH for top-tier products and services, backed by extensive industry insights that deliver unmatched value.

Deep Industry Experience
Over 13 years of experience in fire protection piping trade.

Large-Scale Production Capacity
Exceeding 100,000 tons annual production capacity.

Extensive Product Range
Offer a full range of fittings and valves

Insider Expertise for Unmatched Value
We offer one-stop professional service from consult to support—We have what you need.

Reliable Quality Assurance

Fluid Tech Group's partners are honored as the National enterprise technical center and is capable and qualified to conduct full series of tests and inspections including chemical checking,etc. Inspection facilities include: spectrometer, carbon sulfur analyzer, metallurgical microscope, tensile strength testing equipment, pressure testing equipment, adhesive force testing equipment, CMM, hardness tester,etc. From incoming inspection to finished product, quality is checked and monitored in the whole process.



▲ Tensile Strength Testing Equipment



▲ Thread Projector



▲ Salt Spray Test Machine



▲ Carbon Sulfur Analyzer

Professional and Efficient Supply Chain Management Capabilities

Fluid Tech has a professional procurement team and supplier management system(SMS); professional order operation team and logistics management team. At the same time, Fluid Tech has many years of professional experience in fire protection pipeline systems, can accurately predict market demand, help customers formulate procurement plans and delivery.









Provide A Rich Products Line



GI fittings



Ductile iron pipe fittings-Grooved fittings



valve



Sprinkler system



FLANGE



Seismic bracing system and pipe hanger



Pipe Support and accessories



Pipe nipples



Forged fittings



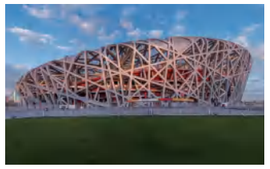
Butt weld

International Certification



Engineering Cases

The products from Fluid Tech are widely applied in famous landmark building projects around the world and serve global users.



▲ The Bird's Nest



▲ Disney Park



▲ Canton Tower



▲ Beijing Daxing Airport

Application Scenarios



▲ Seismic bracket



▲ Fire Protection System



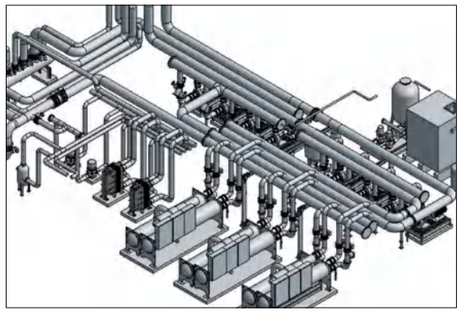
▲ Spray system



▲ Gas system

System Prefabrication Service

Fluid Tech provides pipes to convey the fluid, valves for fluid control and fittings for connection of the piping system, in Fire Protection, HVAC, Water Supply &Drainage, Gas system, etc. Dedicated to the supply of Safe & Reliable products and Smart & Complete solutions for clients in fluid conveying industry across the globe, Fluid tech starts now its own prefabrication service, to have the valves, pipes and fittings installed in the workshop and deliver directly to the job site a completed system.



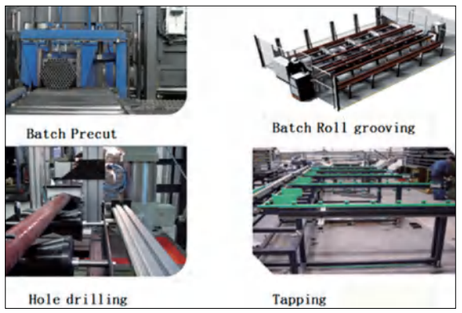
• BIM Model Building



• Site Simulation and Monitoring



• Half-finished System in factory



• Batch Machining
Batch Precut, Batch Roll grooving, Hole Drilling, Welding etc



• Assemble to Fire Protection system in the building site

Malleable Iron Pipe Fitting BS Standard

Material: BS EN 1562, ASTM A-197, DIN EN 1562
Dimension: BS EN 10242, DIN EN 10242
Threads: ISO 7-1, BS21, BSPT
Size Available: 1/8"-6"



1# Bend 90°, M/F
2# Bend 90°, female
40 Bend 45°, M/F
41 Bend 45°, female
85 Crossover
90 Elbow, 90°
90R Reducing Elbow, 90°
92 Street Elbow, 90°
95 Union Elbow F/F
96 Union Elbow F/F
97 Union Elbow M/F
98 Union Elbow M/F
120 Elbow, 45°
121 Street Elbow, 45°



130 Tee
130R Reducing Tee
165 Lateral Y Branche, 45°
180 Cross
180R Reducing Cross
220 Socket
240 Reducing Socket
241 Bushing
241D Bushing
245 Reducing Hexagon Nipple
246 Reducing Socket M/F
270 Parallel Thread Socket
280 Hexagon Nipple
291 Plain Plug
300 Cap
310 Locknut
321-4 Flange Bs4504
321TD Flange
330 Flat Seat Union
331 Flat Seat Union M/F
340 Conical Joint Union
341 Conical Joint Union M/F
342 Conical Joint Union
529A Long Extension Piece
1221 Side Outlet Elbow
1224 Side Outlet Cross
SCC Short Compression Coupling
LCC Long Compression Coupling

Malleable Iron Pipe Fittings-American Standard Class 150

Material: ASTM A197/A197M
Dimensions: ASME B16.3, B16.14
Union Dimensions: B16.39
Threads: ASME B1.20.1, NPT
Size Available: 1/8"- 6"



90 90° Elbow
90R 90° Reducing Elbow
90U 180° Return Elbow
92 90° Street Elbow
92R 90° Reducing Street Elbow
96A Union Elbow
120 45° Elbow
121 45° Street Elbow
130 Tee
130R Bull Head Tee
130R Reducing Tee
130R Reducing Tee
130R Reducing Tee
130R Reducing Tee



134 Service Tee
165 45° Lateral Y Branch
180 Cross
180R Reducing Cross
220 Coupling
220S L&R Coupling
240 Reducing Coupling
240T Tapped Reducing Coupling
241 Outside Hex Bushing
241N Inside Hex Bushing
245 Reducing Hexagon Nipple
280 Hexagon Nipple
246 Reducing Extension Piece
529A Extension Piece
291 Cored Plug
291S Solid Plug
291N Countersunk Plug
291-4 Bar Head Plug
300 Cap
310 Locknut
320 Wastenut
321 Floor Flange
321W Floor Flange without Hole
342 Union with Brass Seat
1221 Side Outlet Elbow
1223 Side Outlet Tee
1224 Side Outlet Cross

Malleable Iron Pipe Fittings-DIN Standard

Material: DIN EN 1562
Dimension: DIN EN10242
Threads: ISO7-1
Size Available: 1/8"-6"



1# Bend 90°, M&F
1A Short Bend 90°, M&F
2# Bend 90°, female
2A Short Bend 90°, female
2AF Short Bend 90°, female, banded
3# Bend 90°, male
40 Bend 45°, M&F
41 Bend 45°, female
85 Crossover
90 Elbow, 90°,equal
90R Reducing Elbow, 90°
90U Return Bend
92 Street Elbow, 90°,equal
92R Reducing Street Elbow, 90°



94 Elbow, 90° male
95 Union Elbow, F&F, flat seat without gasket
95D Union Elbow, F&F, flat seat with gasket
96 Union Elbow, F&F, conical joint iron to iron
97 Union Elbow, M&F, flat seat without gasket
97D Union Elbow, M&F, flat seat with gasket
98 Union Elbow, M&F, conical joint iron to iron
120 Elbow, 45°
121 Street Elbow, 45°
130 Tee
130R Reducing Tee
130R Reducing Tee
130R Reducing Tee
130R Reducing Tee
131 Pitcher Tee, 90°, equal
132 Twin Elbow, equal
133 Tee, equal
134 Tee, equal
135 Tee, equal
165 Lateral Y Branch, 45°
180 Cross
180R Reducing Cross
240 Reducing Socket
241 Bushing
241D Bushing
245 Reducing Nipple
246 Reducing Extension piece, sockets M&F
270 Socket, parallel threads, equal

Ductile Iron Threaded Fitting

Material: ASTM A536, GRADE 65-45-12
Dimensions: BS EN 10242
Threads: ISO 7-1
Size Available: 1/8"- 6"



90 Elbow, 90°
90R Reducing Elbow, 90°
92 Street Elbow, 90°
95 Union Elbow F/F
120 Elbow, 45°
121 Street Elbow, 45°
130 Tee
130R Reducing Tee
130R Reducing Tee
180 Cross
180R Reducing Cross
220 Socket
241 Bushing
245 Reducing Hexagon Nipple



270 Parallel Thread Socket
280 Hexagon Nipple
291 Plain Plug
300 Cap
321-4 Flange Bs4504
330 Flat Seat Union
340 Conical Joint Union

American Standard Class 300

Material: ASTM A197/A197M
Dimensions: ASME B16.3, B16.14
Union Dimensions: B16.39
Threads: ASME B1.20.1
Size Available: 1/4"- 4"



90 90° Elbow
90R 90° Reducing Elbow
92 90° Street Elbow
120 45° Elbow
121 45° Street Elbow
130 Tee
130R Reducing Tee
220 Coupling
240 Reducing Coupling
300 Cap
342 Union with Brass Seat

Ductile Iron Grooved Fittings

Material: ASTM A536, GRADE 65-45-12
Thread: ASME B1.20.1, ISO 7-1
Groove: AWWA C606, ISO 6182-12
Size Available: 1"-24"

Surface Treatment:
P: Painted E: Electroplated
B: Black S: Epoxy
G: Hot-dip Galvanized


Flexible Coupling


Rigid Coupling


Reducing Coupling


Angle Pad Coupling


Quick Rigid Coupling


HDPE Coupling


HDPE Transition Coupling


90° Elbow


90° Hydrant Elbow


90° Drain Elbow


90° Reducing Elbow


90° END-ALL Elbow


45° Elbow


22.5° Elbow


11.25° Elbow


Tee


Reducing Tee


Reducing Tee


Reducing Tee


Reducing Tee with Female Thread


Reducing Tee with Female Thread


Cross


Reducing Cross


Reducing cross with Female Thread


U-Bolt Mechanical Tee


Mechanical Tee Grooved Outlet


Mechanical Tee Threaded Outlet


Mechanical Cross Grooved Outlet


Mechanical Cross Threaded Outlet


Grooved Concentric Reducer with Female Thread


Grooved Concentric Reducer


Grooved Concentric


Grooved Eccentric Reducer with Female Thread


Cap


Cap with Concentric Hole


Cap with Eccentric Hole


Grooved Flange


Adaptor Flange


Threaded Flange


Grooved*Thread Adaptor

Gasket

Silicone Gasket

Flexible Coupling

Rigid Coupling

Reducing Coupling

90° Elbow

45° Elbow

22.5° Elbow

11.25° Elbow

Tee

Reducing Tee

Reducing Tee with Female Thread

Cross

Grooved Concentric Reducer with Female Thread

Grooved Concentric Reducer

Grooved Eccentric Reducer

Mechanical Tee Grooved Outlet

Cap with Eccentric Hole

Cap with Concentric Hole

Grooved*Thread Adaptor

Hex Nut

Hex Nut

Flange Nut

Bolt

Bolt

Roll Grooving machine

Hole drilling Machine

Threading Machine

Grv *Weld Adapter

Grv*Thread Adapter

Grv*Grv Adapter

Grv *Weld Adapter

Fire Protection Valve

Executive Standard:ANSI/BS/DIN STANDARD


Flanged Resilient OS&Y Gate Valve


Flanged Resilient NRS Gate Valve


Grooved Resilient OS&Y Gate Valve


Grooved Resilient NRS Gate Valve


Flanged x Grooved Resilient OS&Y Gate Valve


Flanged x Grooved Resilient NRS Gate Valve


Wafer Butterfly Valve


Wafer Butterfly Valve


Wafer Butterfly Valve


Lugged Wafer Butterfly Valve


Lugged Wafer Butterfly Valve


Lugged Wafer Butterfly Valve


Grooved Butterfly Butterfly Valve


Grooved Butterfly Valve with Tamper Switch


Grooved Butterfly Valve


Grooved Butterfly Valve


Grooved Butterfly Valve


Threaded Butterfly Valve with Tamper Switch


Flanged Resilient Swing Check Valve


Double Door Grooved Check Valve


Grooved Resilient Swing Check Valve


Pressure Switch


Supervisory Switch for Indicator Post


Supervisory Switch for OS&Y Gate Valve


Flanged Y-Type Strainer


Grooved Y-Type Strainer


Water Flow Indicator


Vertical Indicator Post


Wall Indicator Post


Dry Barrel Fire Hydrant

Fire Protection Valve

Executive Standard:ANSI/BS/DIN STANDARD


Grooved Wet Alarm


Flanged Wet Alarm Check Valve


Deluge Alarm Valve


Pressure Reducing Valve


Angle Hose Valve F&M


Angle Hose Valve F&F


Pressure Reducing Angle Hose Valve F&M


Pressure Reducing Angle Hose Valve F&F


Test And Drain Valve


Fire Department Connection

Fire Department Connection

Brass Ball valve

Brass Gate valve

Brass G valve

Brass Swing Check Valve

Brass Spring Check Valve

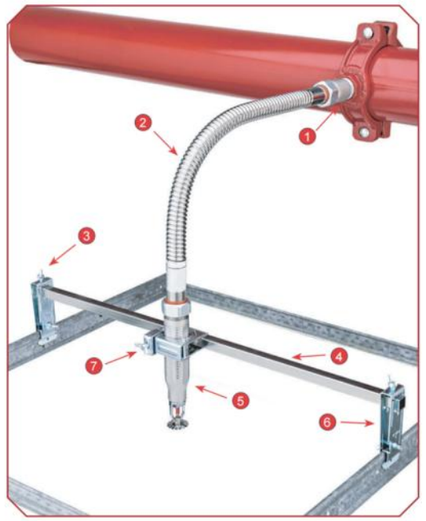
Brass Gauge Cock

Brass Y Type Strainer

Pressure gauge buffer tube

Pressure gauge

Sprinkler System Accessories




Standard Response Upright Sprinkler


Standard Response Pendent Sprinkler


Standard Response Sidewall Sprinkler


Quick Response Upright Sprinkler


Quick Response Pendent Sprinkler


Quick Response Sidewall Sprinkler


Standard Response Concealed Sprinkler


Flush escutcheon


Recessed escutcheon


Sprinkler Guard


Sprinkler Guard


Inlet nipple


Outlet reducer


Bracket assembly


Unbraided Flexible Hose


Braided Flexible Hose











Seismic Sway Bracing System Accessories & Pipe Hanger




Fire Pipes


Clevis Hanger


J Type Clamp


Riser Clamp


U Type Pipe Bundle


Double Screw Bundle


Short Pipe Strap


P Type Clamp


Sway Brace Pipe Attachment


4-Way Adaptor


Structural Attachment


Clamping Pipe Attachment


Beam Attachment


Bracing Clamp


Hose Clamp


Thread Rod


Double Screw Bundle

Ring Hanger

Flat Washer

Wedge

Drop In

Pipe Nipples

Material: Carbon Steel / Stainless Steel
Thread: NPT/BSPP/BSPT
Service: Original / sand blasting / Black / Galvanized

Type: Seamless /Welded
Thickness: Sch 10 / Sch 40 / Sch 80
Length: Customized


Pipe Nipple


Stainless Steel Nipple


Steel Socket


Insert Adaptor / Hose Nipple


Threaded Welded Outlet


Grooved Welded Outlet


Tank Nipple/Long Screw Npple


Grv.X Thd.Adapter


Insert Coupling / Hose Mender

Stainless Steel Fittings

Material: ASTM351-CF8& CF8M, 304 & 304L & 316 & 316L& 201
W.Pressure: CLASS 150/CLASS300·10BAR-20BAR)
Threaded: IS07-1/SO228/DIN2999/BS21/ASME B1.20.1
Dimensions: ISO 4144/SP114/DIN2986/EN10241 /ASME A733


90° Elbow


45° Elbow


Tee


Tee


Street Elbow


Tee


Union


Nipple


Reducing Nipple


Bushing


Plug


Coupling


Reducing Coupling


Round Cap


Hex Cap

Water Valve


Flanged Resilient NRS Gate Valve


Threaded Joint Resilient NRS Gate Valve


Flanged Resilient OS&Y Gate Valve


Double Eccentric Flanged Butterfly Valve


Flanged Butterfly Valve


Flanged Butterfly Valve


Wafer Butterfly Valve


Wafer Butterfly Valve


Lugged Wafer Butterfly Valve


Lugged Wafer Butterfly Valve


Grooved Butterfly Valve


Grooved Butterfly Valve


Swing Check Valve


Double Door Grooved Check Valve


Double Door Wafer Check Valve


Silent Check Valve

Single Door Wafer Check Valve

Flanged Y-Type Strainer

Micro Air Bleeding Valve

Compound High Speed Air Bleeding valve

Pressure Reducing Valve

Repair Clamp

Flexible Rubber Joint Single Sphere

Flexible Rubber Joint Twin Sphere

Flexible Rubber Joint Twin Sphere

Forged Fittings

Material: Carbon Steel / Stainless Steel
W. Pressure: Class 3000 / 6000 / 9000
Surface: Oiled /Galvanized


SW 90° Elbow


SW 45° Elbow


SW Tee


SW Cross

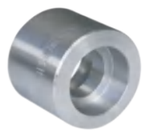

SW Coupling


SW Half Coupling


SW Cap


SW 45° Lateral


SW Reducer Insert


SW Reducer Insert


SW Union


SW Boss


Thread 90° Elbow


Thread 45° Elbow


Thread Tee


Thread Cross


Thread Street Elbow


Thread Socket


Thread Half Socket


Thread Boss


Thread Cap


Thread Hex Plug


Round Plug


Square Plug


Hex Bushing


Flush Bushing


Swaged Nipple


Swaged Nipple

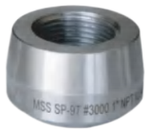

Thread Union


Thread Nipple


Reducing Nipple


Reducing Nipple


Thread 45° Lateral


Threadolet


Sockolet


Weldolet

Forged Flange

Material:Carbon Steel/Stainless Steel
Standard:ASME B16.5/EN 1092-1
Surface: Oiled / Black painting / Galvanized
W.Pressure: Class 150, Class 300/PN10,PN6, PN25


WN Flange


SO Flange


SW Flange


Thread Flange

Blind Flange

Plate Flange

Butt Welded Fittings

Material: Carbon Steel / Stainless Steel
Thickness: Sch 10 / Sch 40 / Sch 80 etc.
Service: Original / sand blasting / Black / Galvanized
Type: Seamless /Welded

90° Elbow (R=1.5 D)

90° Elbow (R=1.0 D)

45° Elbow

Cap

180°Return (R=1.5 D)

180°Return (R=1.0 D)

Tee

Concentric Reducer

Reducing Tee

Cross

Reducing Cross

Concentric Reducer

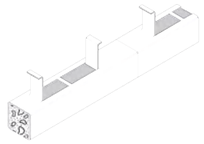
Pipe Support & Accessories

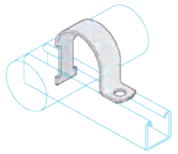

Channel

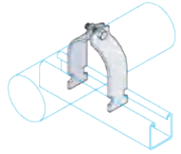

Slotted Channel


Comb Channel


Comb Channel Slot

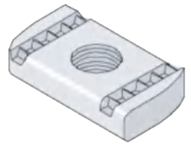

Concrete Inserts

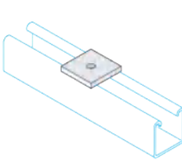

Pipe Clamp

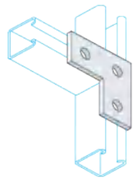

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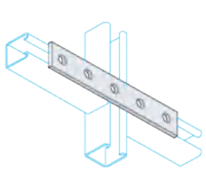

Channel Nut Short

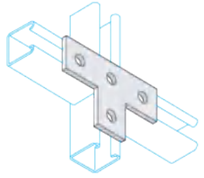

Channel Nut Longe

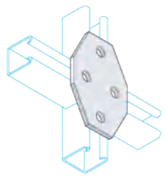

Channel Nut

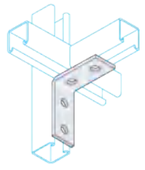

Square Washer

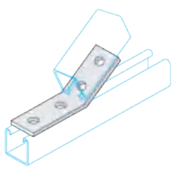

3 Holes Angle

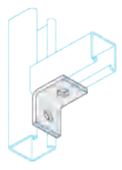

5 Holes Straight

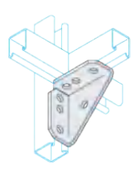

T Fitting

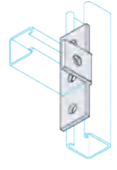

Delta Cross Fitting

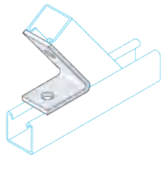

90° Fitting

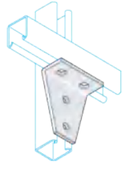

45° Fitting

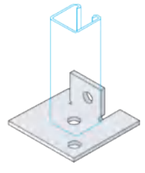

90° Fitting

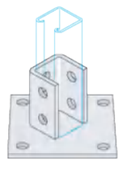

Gusset Fitting

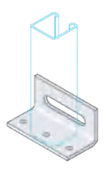

3+1 Holes 90° Fitting

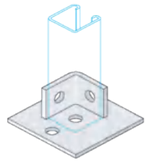

45° Angle Fitting

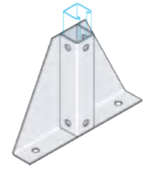

2+2 Holes 90° Fitting

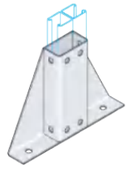

2+1 Hole Base Plate

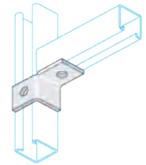

4+6 Hole Base Plate

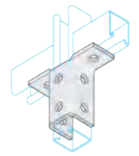

Wood Screw Base Plate

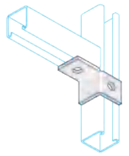

2+2 Hole Base Plate

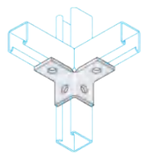

2 + 9 Hole Wing Fitting

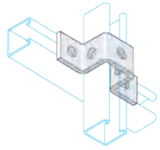

2 + 12 Hole Wing Fitting

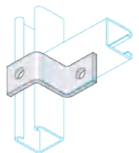

Right Fitting

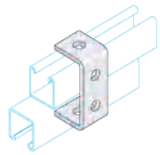

2 + 6 Hole Wing Fitting

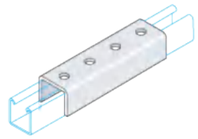

Left Fitting

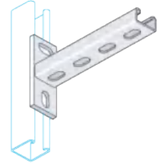

2 + 2 Hole Wing Fitting

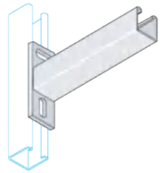

U Fitting


Z Fitting


C Fitting


Channel Coupler


Slotted Cant Arm


Cant Arm


Vertical Support


Vertical Support

Base Plate

U-Bolt

Thread Rod

Hex Head Bolt

Hex Head Bolt

Round Head Square Neck Bolt

Hex Nut

Flange Nut

Flat Washer

Locker Washer