



Carbon Steel Press Piping System

Zhejiang IPC Piping System Co. Ltd.

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COMPANY PROFILE

We, IPC Piping system Co. Ltd, with a registered capital of USD 20 million and turnover USD 200 million 2023, are a national high-tech enterprise, certified by ISO9001, ISO14001 and also OHSAS18001/ISO45001. Our company is the world leading manufacturer of Carbon steel and Stainless steel Press Fitting and piping system.

We have established three manufacturing bases in China, one is in Taizhou, Zhejiang and another one is in Xingtai, Hebei province and a New Smart Factory in Jiaxing, Zhejiang which was finished in May, 2021. The new base is a first advanced "lighthouse model" factory in this industry in China. All production bases are equipped with leading automated production facilities and lines.

We also use advanced technology of Electrophoresis surface treatment and nanotechnology epoxy resin coating. Through excellent innovation, research and development, our products are widely used in Water Supply, Gas, Fire Protection, Municipal Water Treatment, HVAC and other supporting application.

Our products have been certified by DVGW, WRAS, CSTB, ACS, GDV, and VDS. Especially for thick-wall carbon press piping, we have CUPC, FM and UL certificates. We have independent large CNAS approved laboratories with various inspection facilities for fittings and piping system. Such as material test and dimension calibration, spectrometer, profile scanner, CMM, metallographic

analyzer, salt spray test, pull-out test, pneumatic leakage test, eddy current testing line, bursting test, tumbling test, life cycle test, etc.

We inherit to the business philosophy of energy saving, environmental and sustainable development to lead the industry. Our company adheres to the strategic policy of "Making quality products, Setting a model for the business", and friendly cooperates with domestic and foreign customers with high-quality services, and work together to win splendid future!

Specification

The carbon steel press fitting is especially suited for closed heating system, compressed air transportation, etc.
Certified and fast installing system.
Reliability with a friendly assembly technique.
The tubes correspond in properties and dimensions with the requirements of EN 10305.
Available in sizes 15-108mm for M profile, 15-54mm for V profile.
Specially designed EPDM O-Ring making Press Carbon suitable for heating, firefighting and compressed air.
Resistance to corrosion by 7-15µm of zinc plating and a surface passivation.

Features

Designed for heating water pressure up to 16 bar.
Designed for temperature ranges of 0°C to 100°C.
Compatible with various press tools and jaws.

Material of Main Parts

Part Name	Material
Fitting	E195
O-ring	EPDM



The tubes correspond in properties and dimensions with the requirements of EN 10305



ITEM CODE	OUTSIDE DIAMETER(MM)	WALL THICKNESS(MM)
CSTUBE01512	15	1.2
CSTUBE01812	18	1.2
CSTUBE02215	22	1.5
CSTUBE02815	28	1.5
CSTUBE03515	35	1.5
CSTUBE04215	42	1.5
CSTUBE05415	54	1.5
CSTUBE07620	76,1	2.0
CSTUBE08920	88,9	2.0
CSTUBE10820	108	2.0

Equal Coupling



ITEM CODE	SIZE
CS52700150000	Φ15
CS52700180000	Φ18
CS52700220000	Φ22
CS52700280000	Φ28
CS52700350000	Φ35
CS52700420000	Φ42
CS52700540000	Φ54
CS52700760000	Φ76,1
CS52700890000	Φ88,9
CS52701080000	Φ108

Slip Coupling



ITEM CODE	SIZE
CS42750150000	Φ 15
CS42750180000	Φ 18
CS42750220000	Φ 22
CS42750280000	Φ 28
CS42750350000	Φ 35
CS42750420000	Φ 42
CS42750540000	Φ 54
CS42750760000	Φ 76,1
CS42750890000	Φ 88,9
CS42751080000	Φ 108

Elbow 90°



ITEM CODE	SIZE
CS50020150000	Φ15
CS50020180000	Φ18
CS50020220000	Φ22
CS50020280000	Φ28
CS50020350000	Φ35
CS50020420000	Φ42
CS50020540000	Φ54
CS50020760000	Φ76,1
CS50020890000	Φ88,9
CS50201080000	Φ108

Elbow 90°With Plain End



ITEM CODE	SIZE
CS50010150000	Φ 15
CS50010180000	Φ 18
CS50010220000	Φ 22
CS50010280000	Φ 28
CS50010350000	Φ 35
CS50010420000	Φ 42
CS50010540000	Φ 54
CS50010760000	Φ 76,1
CS50010890000	Φ 88,9
CS50011080000	Φ 108

Elbow 45°



ITEM CODE	SIZE
CS50410150000	Φ 15
CS50410180000	Φ 18
CS50410220000	Φ 22
CS50410280000	Φ 28
CS50410350000	Φ 35
CS50410420000	Φ 42
CS50410540000	Φ 54
CS50410760000	Φ 76,1
CS50410890000	Φ 88,9
CS50411080000	Φ 108

Elbow 45°With Plain End



ITEM CODE	SIZE
CS50400150000	Φ15
CS50400180000	Φ18
CS50400220000	Φ22
CS50400280000	Φ28
CS50400350000	Φ35
CS50400420000	Φ42
CS50540540000	Φ54
CS50400760000	Φ76,1
CS50400890000	Φ88,9
CS50401080000	Φ108

Adapter With Male Threaded End



ITEM CODE	SIZE
CS42430150300	15 x 3/8"
CS42430150400	15 x 1/2"
CS42430180400	18 x 1/2"
CS42430180600	18 x 3/4"
CS42430220400	22 x 1/2"
CS42430220600	22 x 3/4"
CS42430220800	22 x 1"
CS42430280600	28 x 3/4"
CS42430280800	28 x 1"
CS42430350800	35 x 1"
CS42430351000	35 x 1 1/4"
CS42430421200	42 x 1 1/2"
CS42430541600	54 x 2"
CS42430762000	76,1 x 2 1/2"
CS42430892400	88,9 x 3"
CS42431083200	108 x 4"

Elbow 90° With Male Threaded End



ITEM CODE	SIZE
CS40010150400	15 x 1/2"
CS40010180400	18 x 1/2"
CS40010220600	22 x 3/4"
CS40010280800	28 x 1"
CS40010351000	35 x 1 1/4"
CS40010421200	42 x 1 1/2"
CS40010541600	54 x 2"

End Cap



ITEM CODE	SIZE
CS53010150000	Φ 15
CS53010180000	Φ 18
CS53010220000	Φ 22
CS53010280000	Φ 28
CS53010350000	Φ 35
CS53010420000	Φ 42
CS53010540000	Φ 54
CS53010760000	Φ 76.1
CS53010880000	Φ 88.9
CS53010108000	Φ 108

Adapter With Female Threaded End



ITEM CODE	SIZE
CS42700150300	15 x 3/8"
CS42700150400	15 x 1/2"
CS42700180400	18 x 1/2"
CS42700180600	18 x 3/4"
CS42700220400	22 x 1/2"
CS42700220600	22 x 3/4"
CS42700220800	22 x 1"
CS42700280600	28 x 3/4"
CS42700280800	28 x 1"
CS42700350800	35 x 1"
CS42700351000	35 x 1 1/4"
CS427004212000	42 x 1 1/2"
CS427005416000	54 x 2"
CS42700762000	76,1 x 2 1/2"
CS42700892400	88,9 x 3"
CS42701083200	108 x 4"

Elbow 90° With Female Threaded End



ITEM CODE	SIZE
CS40900150400	15 x 1/2"
CS40900180400	18 x 1/2"
CS40900220600	22 x 3/4"
CS40900280800	28 x 1"
CS43300351000	35 x 1 1/4"
CS43300421200	42 x 1 1/2"
CS43300541600	54 x 2"

Adapter With Union Nut



ITEM CODE	SIZE
CS43300150600	15 x 3/4"
CS43300180600	18 x 3/4"
CS43300220800	22 x 1"
CS43300281000	28 x 1 1/4"
CS43300351200	35 x 1 1/2"

Equal Tee



ITEM CODE	SIZE
CS51300150000	Φ 15
CS51300180000	Φ 18
CS51300220000	Φ 22
CS51300280000	Φ 28
CS51300350000	Φ 35
CS51300420000	Φ 42
CS51300540000	Φ 54
CS51300760000	Φ 76,1
CS51300890000	Φ 88,9
CS51301080000	Φ 108

90° Adapter Male



ITEM CODE	SIZE
CS092G150300	15 x 3/8"
CS092G150400	15 x 1/2"
CS092G180400	18 x 1/2"
CS092G220600	22 x 3/4"

Flange Adapter 4 Hole



ITEM CODE	SIZE
CS42300760000	Φ 76,1
CS42300890000	Φ 88,9
CS42301080000	Φ 108

Bridge



ITEM CODE	SIZE
CS42300350000	Φ 35
CS42300420000	Φ 42
CS42300540000	Φ 54
CS42300760000	Φ 76.1
CS42300880000	Φ 88.9
CS42301080000	Φ 108

Reducer Adapter With Plain End



ITEM CODE	SIZE
CS42430181500	Φ 18 x 15
CS42430221500	Φ 22 x 15
CS42430221800	Φ 22 x 18
CS42430281500	Φ 28 x 15
CS42430281800	Φ 28 x 18
CS42430282200	Φ 28 x 22
CS42430352200	Φ 35 x 22
CS42430352800	Φ 35 x 28
CS42430422200	Φ 42 x 22
CS42430422800	Φ 42 x 28
CS42430423500	Φ 42 x 35
CS42430542200	Φ 54 x 22
CS42430542800	Φ 54 x 28
CS42430543500	Φ 54 x 35
CS42430544200	Φ 54 x 42
CS42430764200	Φ 76,1 x 42
CS42430765400	Φ 76,1 x 54
CS42430895400	Φ 88,9 x 54
CS42430897600	Φ 88,9 x 76,1
CS42431087600	Φ 108 x 76,1
CS42431088900	Φ 108 x 88,9

Bridge 90°



ITEM CODE	SIZE
CS5087150000	Φ 15
CS5087180000	Φ 18
CS5087220000	Φ 22
CS5087280000	Φ 28
CS5087350000	Φ 35
CS5087420000	Φ 42
CS5087540000	Φ 54

Plugin Male Adapter



ITEM CODE	SIZE
CS4280G150400	15 x 1/2"
CS4280G180400	18 x 1/2"
CS4280G220600	22 x 3/4"

Reducer Tee



ITEM CODE	SIZE
CS5130Y01815180	18 x 15 x 18
CS5130Y02215220	22 x 15 x 22
CS5130Y02218220	22 x 18 x 22
CS5130Y02815280	28 x 15 x 28
CS5130Y02818280	28 x 18 x 28
CS5130Y02822280	28 x 22 x 28
CS5130Y03515350	35 x 15 x 35
CS5130Y03518350	35 x 18 x 35
CS5130Y03522350	35 x 22 x 35
CS5130Y03528350	35 x 28 x 35
CS5130Y04222420	42 x 22 x 42
CS5130Y04228420	42 x 28 x 42
CS5130Y04235420	42 x 35 x 42
CS5130Y05422540	54 x 22 x 54
CS5130Y05428540	54 x 28 x 54
CS5130Y05435540	54 x 35 x 54
CS5130Y05442540	54 x 42 x 54
CS5130Y07622760	76,1 x 22 x 76,1
CS5130Y07628760	76,1 x 28 x 76,1
CS5130Y07635760	76,1 x 35 x 76,1
CS5130Y07642760	76,1 x 42 x 76,1
CS5130Y07654760	76,1 x 54 x 76,1
CS5130Y08928890	88,9 x 28 x 88,9
CS5130Y08935890	88,9 x 35 x 88,9
CS5130Y08942890	88,9 x 42 x 88,9
CS5130Y08954890	88,9 x 54 x 88,9
CS5130Y08976890	88,9 x 76,1 x 88,9
CS5130Y10828108	108 x 28 x 108
CS5130Y10835108	108 x 35 x 108
CS5130Y10842108	108 x 42 x 108
CS5130Y10854108	108 x 54 x 108
CS5130Y10876108	108 x 76,1 x 108
CS5130Y10889108	108 x 88,9 x 108

Plugin Female Adapter



ITEM CODE	SIZE
CS4281G150400	15 x 1/2"
CS4281G180400	18 x 1/2"
CS4281G220400	22 x 1/2"
CS4281G220600	22 x 3/4"

Tee With Female Threaded Branch



ITEM CODE	SIZE
CS413001504150	15 x 1/2" x 15
CS413001804180	18 x 1/2" x 18
CS413002204220	22 x 1/2" x 22
CS413002206220	22 x 3/4" x 22
CS413002804280	28 x 1/2" x 28
CS413002806280	28 x 3/4" x 28
CS413003504350	35 x 1/2" x 35
CS413003506350	35 x 3/4" x 35
CS413003508350	35 x 1" x 35
CS413004204420	42 x 1/2" x 42
CS413004206420	42 x 3/4" x 42
CS413005404540	54 x 1/2" x 54
CS413005406540	54 x 3/4" x 54
CS413008906760	76,1 x 3/4" x 76,1
CS413008906890	88,9 x 3/4" x 88,9
CS413010806108	108 x 3/4" x 108

Union With Male Thread



ITEM CODE	SIZE
CS43310150400	15 x 1/2"
CS43310180400	18 x 1/2"
CS43310220600	22 x 3/4"
CS43310280800	28 x 1"
CS43310351000	35 x 1 1/4"
CS43310421200	42 x 1 1/2"
CS43310541600	54 x 2"

Equal Coupling



ITEM CODE	SIZE
CSV52700150000	Φ15
CSV52700180000	Φ18
CSV52700220000	Φ22
CSV52700280000	Φ28
CSV52700350000	Φ35
CSV52700420000	Φ42
CSV52700540000	Φ54

Slip Coupling



ITEM CODE	SIZE
CSV42750150000	Φ15
CSV42750180000	Φ18
CSV42750220000	Φ22
CSV42750280000	Φ28
CSV42750350000	Φ35
CSV42750420000	Φ42
CSV42750540000	Φ54

Elbow 90°



ITEM CODE	SIZE
CSV50020150000	Φ15
CSV50020180000	Φ18
CSV50020220000	Φ22
CSV50020280000	Φ28
CSV50020350000	Φ35
CSV50020420000	Φ42
CSV50020540000	Φ54

Elbow 90°With Plain End



ITEM CODE	SIZE
CSV50010150000	Φ15
CSV50010180000	Φ18
CSV50010220000	Φ22
CSV50010280000	Φ28
CSV50010350000	Φ35
CSV50010420000	Φ42
CSV50010540000	Φ54

Elbow 45°



ITEM CODE	SIZE
CSV50410150000	Φ15
CSV50410180000	Φ18
CSV50410220000	Φ22
CSV50410280000	Φ28
CSV50410350000	Φ35
CSV50410420000	Φ42
CSV50410540000	Φ54

Elbow 45°With Plain End



ITEM CODE	SIZE
CSV50400150000	Φ15
CSV50400180000	Φ18
CSV50400220000	Φ22
CSV50400280000	Φ28
CSV50400350000	Φ35
CSV50400420000	Φ42
CSV50540540000	Φ54

Adapter With Male Threaded End



ITEM CODE	SIZE
CSV42430150300	15 x 3/8"
CSV42430150400	15 x 1/2"
CSV42430180400	18 x 1/2"
CSV42430180600	18 x 3/4"
CSV42430220400	22 x 1/2"
CSV42430220600	22 x 3/4"
CSV42430220800	22 x 1"
CSV42430280600	28 x 3/4"
CSV42430280800	28 x 1"
CSV42430350800	35 x 1"
CSV42430351000	35 x 1 1/4"
CSV42430421200	42 x 1 1/2"
CSV42430541600	54 x 2"

Adapter With Female Threaded End



ITEM CODE	SIZE
CSV42700150300	15 x 3/8"
CSV42700150400	15 x 1/2"
CSV42700180400	18 x 1/2"
CSV42700180600	18 x 3/4"
CSV42700220400	22 x 1/2"
CSV42700220600	22 x 3/4"
CSV42700220800	22 x 1"
CSV42700280600	28 x 3/4"
CSV42700280800	28 x 1"
CSV42700350800	35 x 1"
CSV42700351000	35 x 1 1/4"
CSV427004212000	42 x 1 1/2"
CSV427005416000	54 x 2"

Equal Tee



ITEM CODE	SIZE
CSV51300150000	Φ15
CSV51300180000	Φ18
CSV51300220000	Φ22
CSV51300280000	Φ28
CSV51300350000	Φ35
CSV51300420000	Φ42
CSV51300540000	Φ54

Reducer Tee



ITEM CODE	SIZE
CSV5130Y01815180	18 x 15 x 18
CSV5130Y02215220	22 x 15 x 22
CSV5130Y02218220	22 x 18 x 22
CSV5130Y02815280	28 x 15 x 28
CSV5130Y02818280	28 x 18 x 28
CSV5130Y02822280	28 x 22 x 28
CSV5130Y03515350	35 x 15 x 35
CSV5130Y03518350	35 x 18 x 35
CSV5130Y03522350	35 x 22 x 35
CSV5130Y03528350	35 x 28 x 35
CSV5130Y04222420	42 x 22 x 42
CSV5130Y04228420	42 x 28 x 42
CSV5130Y04235420	42 x 35 x 42
CSV5130Y05422540	54 x 22 x 54
CSV5130Y05428540	54 x 28 x 54
CSV5130Y05435540	54 x 35 x 54
CSV5130Y05442540	54 x 42 x 54

Reducer Adapter With Plain End



ITEM CODE	SIZE
CSV42430181500	Φ 18 x 15
CSV42430221500	Φ 22 x 15
CSV42430221800	Φ 22 x 18
CSV42430281500	Φ 28 x 15
CSV42430281800	Φ 28 x 18
CSV42430282200	Φ 28 x 22
CSV42430352200	Φ 35 x 22
CSV42430352800	Φ 35 x 28
CSV42430422200	Φ 42 x 22
CSV42430422800	Φ 42 x 28
CSV42430423500	Φ 42 x 35
CSV42430542200	Φ 54 x 22
CSV42430542800	Φ 54 x 28
CSV42430543500	Φ 54 x 35
CSV42430544200	Φ 54 x 42

End Cap



ITEM CODE	SIZE
CSV53010150000	Φ15
CSV53010180000	Φ18
CSV53010220000	Φ22
CSV53010280000	Φ28
CSV53010350000	Φ35
CSV53010420000	Φ42
CSV53010540000	Φ54