

موضوع: دعوت به همکاری و بازدید از کارخانه

با سلام و احترام فراوان،

بدین وسیله، شرکت دانش بنیان پارس اتصالات ابزار دقیق، به عنوان یکی از تولیدکنندگان با سابقه در کشور، با بیش از ۳۰ سال تجربه در طراحی، تولید و تأمین تجهیزات پر اهمیت و کاربردی در صنایع بزرگ مادر و مصرفی (نفت، گاز و پتروشیمی، تهویه و سرمایش، ماشین سازی، حمل و نقل ریلی و تاسیسات نیروگاهی) افتخار دارد آمادگی خود را جهت توسعه همکاری های فنی و تجاری اعلام نماید.

بخشی از توانایی های شرکت پارس اتصالات ابزار دقیق را نیروی انسانی متخصص، دانش فنی بالا، ماشین آلات پیشرفته CNC و تجهیزات مدرن کنترل کیفیت شکل داده که با تکیه بر آن و با رعایت تمامی استانداردهای ملی و بین المللی، طی سال های گذشته، موفق به تولید و تأمین طیف گسترده ای از اتصالات ابزار دقیق فشار قوی و شیرآلات ابزار دقیق فشار قوی

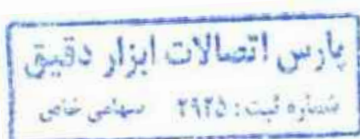
از جنس فولاد ضدزنگ، فولاد کربنی، برنج و سوپرآلیاژ ها شده است.

بخش دیگری از توانایی های این شرکت نیز از واحد ریختهگری دقیق می آید که در ادامه مسیر توسعه و با هدف پاسخگویی هرچه بهتر به نیاز صنایع، تأسیس گردیده است. این واحد در زمینی به مساحت بیش از ۷۸۰۰ متر مربع قرار گرفته است و با دسترسی به مواد اولیه با کیفیت و نیروی انسانی مجرب قادر به طراحی قالب و ساخت انواع قطعات پیچیده در محدوده وزنی ۵ گرم تا ۵ کیلوگرم و با جنس فولاد ضدزنگ ۳۱۶، ۳۰۴ و سوپر آلیاژ ها از قبیل اینکونل، مونل و هستلوی می باشد.

شایان به ذکر است تمامی فرایند تولید (از طراحی و مهندسی، تأمین مواد اولیه و تست کیفیت آن تا تولید و مونتاژ) به صورت زنجیره ای یکپارچه و کاملاً داخلی انجام می شود. این ویژگی شرکت را انعطاف پذیر کرده و علاوه بر تولید محصولات در کمترین زمان و با بالاترین کیفیت، شرایط را برای ارائه دادن راهکارهای فنی متناسب با نیاز هر یک از مشتریان ارجمند، خدمات مشاوره فنی، مهندسی معکوس و طراحی و تولید قطعات سفارشی بر اساس نقشه یا نمونه نیز فراهم کرده است.

بدین وسیله از جنابعالی و کارشناسان محترم آن مجموعه دعوت به عمل می آید تا با حضور در کارخانه و بازدید از خطوط تولید، واحد فرزکاری تراشکاری CNC، واحد ریختهگری دقیق، تجهیزات کنترل کیفیت و سایر امکانات تولیدی، از نزدیک با توانمندی های فنی و ظرفیت های این مجموعه آشنا شده و زمینه توسعه همکاری های مشترک فراهم گردد.

امید است با اتکال به خداوند متعال، این تعامل، سرآغاز همکاری های مؤثر، پایدار و ارزش آفرین میان دو مجموعه باشد.



Certificates & References

➤ استانداردها:

Certificate	Cert. Number	Issued By
HSE-MS	4792718	TUV INTERNATIONAL
ISO 9001:2015	5451024	CERTIFICATION BODY OF SYSTEM (CBS)
PRODUCT TYPE TEST [ASTM F 1387 (2012)]	5450981	CERTIFICATION BODY OF SYSTEM (CBS)
ISO 9001:2015	4792717	TUV INTERNATIONAL
ISO 14001:2015	4792719	TUV INTERNATIONAL
ISO 29001:2020	4792720	TUV INTERNATIONAL
ISO 45001:2018	4792721	TUV INTERNATIONAL
PRODUCT TYPE TEST [ASME B16.34 (2020)]	5451026	CERTIFICATION BODY OF SYSTEM (CBS)
PRODUCT TYPE TEST [API 607:2022 (8 TH Edition)]	5451028	CERTIFICATION BODY OF SYSTEM (CBS)
PRODUCT TYPE TEST [ASME B16.34 (2020)]	5451025	CERTIFICATION BODY OF SYSTEM (CBS)
PRODUCT TYPE TEST [ASME B16.34 (2020)]	5451027	CERTIFICATION BODY OF SYSTEM (CBS)

➤ عضویت ها:

- ❖ عضو انجمن گازهای فشرده تهران (TCGA)
- ❖ عضو فهرست بلند وزارت نفت (AVL-MOP)
- ❖ عضو فهرست سازندگان شرکت نفت و گاز پارس
- ❖ عضو فهرست سازندگان شرکت مجتمع گاز پارس جنوبی

- ❖ شرکت طراحی و مهندسی صنایع انرژی (EIED)
- ❖ شرکت گاز سوزان
- ❖ شرکت نفت فلات قاره ایران
- ❖ شرکت پایانه‌های نفتی ایران
- ❖ شرکت جندی شاپور
- ❖ شرکت بهره‌برداری نفت و گاز کارون
- ❖ شرکت مارون کاران
- ❖ شرکت ملی مناطق نفت‌خیز جنوب
- ❖ شرکت پژوهش و فناوری پتروشیمی (NPC-RT)
- ❖ شرکت طراحی و ساختمان نفت
- ❖ شرکت مهندسی و ساختمان صنایع نفت (OIEC)
- ❖ شرکت نفت و گاز پارس
- ❖ شرکت پتروشیمی پارس
- ❖ شرکت طراحی و مهندسی صنایع پتروشیمی (DEC)
- ❖ شرکت مجتمع گاز پارس جنوبی
- ❖ شرکت حفار چاه جنوب
- ❖ شرکت بهره‌برداری نفت و گاز زاگرس جنوبی
- ❖ یالایش نفت تهران



CERTIFICATE



Registration Certificate

This document certifies that the occupational health, safety and environmental management system of

Pars etesalate Abazar Daghigh (PE)

With the following Address:

***No1525, Kabotar st, Golestan st, Dorna, st, Shahrak Sanati Abbas Abad,
Police Rah Sharif Abad, Khavaran road .***

Have been assessed and approved by

TUV-INTERNATIONAL Limited

To the following standard:

HSE-MS

The approved system apply to the following scope:

Manufacture of fittings for Oil, Gas and Petrochemical Instruments.

Reference Number: **4792718**

Original Approval: 10th Jul 2026

Current Certificate: 9th Jul 2027

Certificate Expiry: 9th Jul 2029




A. Flavour



Registered Certification
Bodies holding

On Behalf of TUV-INTERNATIONAL Limited
WWW.TechUberVer.COM, user: D564A3, password: ABcd1234



CERTIFICATE



Registration Certificate

This document certifies that the quality management system of

Pars Etesalate Abazar Daghigh (PE)

With the following Address:

No1525, Kabotar St, Golestan St, Dorna, St, Shahrak Sanati Abbas Abad,

Police Rah Sharif Abad, Khavaran Road., Tehran, Iran.

Have been assessed and approved by

TUV-INTERNATIONAL Limited

To the following standard:

ISO 9001:2015

The approved system apply to the following scope:

Manufacture of fittings for Oil, Gas and petrochemical instruments.

Reference Number: **4792717**

Original Approval: 10th Jul 2026

Current Certificate: 9th Jul 2027

Certificate Expiry: 9th Jul 2029



Registered Certification
Bodies holding

A. Flavour
A. Flavour

On Behalf of TUV-INTERNATIONAL Limited

WWW.TechUberVer.COM,user: D564A3, password: ABcd1234

CERTIFICATE

This is to Certify That

Pars Etesalat Abzar Daghigh Co.

No. 1525, Kaboutar Alley, Golestan St., Dorna St.,
Abbas Abad Industrial zone, Khavaran Road, Tehran-IRAN

**Has been Assessed and Found Compliant
With the Requirements of:**

International Standard of Quality Management System

ISO 9001:2015

**Registration
Scope of Activities:**

**Manufacture and Supply of Fittings and Valves
for Oil, Gas, Petrochemical Industries**

Certificate Number: 5451024

Issue Date of This Certificate: 11 Sep 2025

Next Assessment:

10 Sep 2026

Expiry Date of This Certificate: 10 Sep 2026

The Certificate Renewal Period: 01

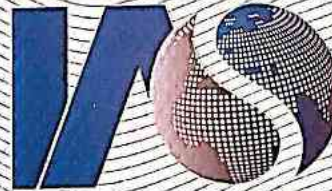
Signed for and behalf of:

Certification Manager

Certification Body of System (UK) Limited
20-22 Wenlock Rd, London, N1 7GU,
United Kingdom
Email: info@cbscertificate.com
Web Site: cbscertificate.com



Richard Watson



"The Validity of this Certificate is Dependent Upon Ongoing Surveillance"

- Lack of Fulfillment of Conditions as Set Out in the Certification Agreement may Render this Certificate Invalid.
- The Certificate Remains the Property of Certification Body of System Ltd. "CBS", to Whom it Must be Returned Upon Requests.
- This Certificate is Accredited by International Accreditation Committee Limited Services "IAS" and the Use of the Accreditation Mark
Indicates Accreditation in Respect of those Activities Covered by the Accreditation Certification Number 1001-04

CERTIFICATE

Test Details

(Product Type Test Certificate Number: 5450981)

From the Required Tests by ASTM F 1387 (2012), Only the Following Tests Carried out with Satisfactory Results:

- a- Sampling of the Above Mentioned Items from Production Line
- b- Material Verification Review
- c- Witnessed of Hydraulic Proof Pressure Test
- d- Witnessed of Hydraulic Impulse Vibration Test in Ambient Temperature
- e- Witnessed of Static Gas Pressure Test

The detail of the Acceptable test Pressures with Reference to Various Tests Mentioned Above have Reviewed and Endorsed by CBS in the Manufacturer Reports.



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CERTIFICATE



Registration Certificate

This document certifies that the environmental management system of

***Pars etesalat Abazar Daghigh
(PE)***

With the following Address:

***No1525, Kabotar st, Golestan st, Dorna, st, Shahrak Sanati Abbas Abad,
Police Rah Sharif Abad, Khavaran road .***

Have been assessed and approved by

TUV-INTERNATIONAL Limited

To the following standard:

ISO 14001:2015

The approved system apply to the following scope:

Manufacture of Fittings for Oil, Gas and Petrochemical Instruments.

Reference Number: **4792719**

Original Approval: 10th Jul 2026

Current Certificate: 9th Jul 2027

Certificate Expiry: 9th Jul 2029



A. Flavour
A. Flavour



Registered Certification
Bodies holding

On Behalf of TUV-INTERNATIONAL Limited

WWW.TechUberVer.COM, user: D564A3, password: ABcd1234



CERTIFICATE



Registration Certificate

This document certifies that the quality management system of

***Pars etesalate Abazar Daghigh
(PE)***

With the following Address:

***2nd No1525, Kabotar st, Golestan st, Dorna, st, Shahrak Sanati Abbas Abad,
Police Rah Sharif Abad, Khavaran road .***

Have been assessed and approved by

TUV-INTERNATIONAL Limited

To the following standard:

ISO 29001:2020

The approved system apply to the following scope:

Manufacture of Fittings for Oil, Gas and Petrochemical Instruments.

Reference Number: **4792720**

Original Approval: 10th Jul 2026

Current Certificate: 9th Jul 2027

Certificate Expiry: 9th Jul 2029




A. Flavour



Registered Certification
Bodies holding

On Behalf of TUV-INTERNATIONAL Limited

WWW.TechUberVer.COM,user: D564A3, password: ABcd1234



CERTIFICATE



Registration Certificate

This document certifies that the occupational health & safety management system of

Pars etesalate Abazar Daghigh

(PE)

With the following Address:

No1525, Kabotar st, Golestan st, Dorna, st, Shahrak Sanati Abbas Abad,

Police Rah Sharif Abad, Khavaran road .

Have been assessed and approved by

TUV-INTERNATIONAL Limited

To the following standard:

ISO 45001:2018

The approved system apply to the following scope:

Manufacture of fittings for Oil, Gas and Petrochemical Instruments.

Reference Number: **4792721**

Original Approval: 10th Jul 2026

Current Certificate: 9th Jul 2027

Certificate Expiry: 9th Jul 2029




A. Flavour



Registered Certification
Bodies holding

On Behalf of TUV-INTERNATIONAL Limited

WWW.TechUberVer.COM,user: D564A3, password: ABcd1234



CERTIFICATE

Product Type Test

This is to Certify That the Under Mentioned Part/s have been Tested with Satisfactory Results in Accordance with the Relevant Requirement of the CBS Type Approval System.

This certificate is issued to:

Producer : Pars Etesalat Abzar Daghigh Co.

Place of Production: No. 1525, Kaboutar Alley, Golestan St., Dorna St.,
Abbas Abad industrial zone, Khayaran Road, Tehran-IRAN.

Type : As Below Table

Item	Part	Size	Material	pressure
1	Male connector	1/4 OD X 1/4 NPT	Stainless Steel316 / INCONEL 625	3000 PSI
2	Male connector	3/8 OD X 3/8 NPT	Stainless Steel316 / INCONEL 625	3000 PSI
3	Male connector	1/2 OD X 1/2 NPT	Stainless Steel316 / INCONEL 625	3000 PSI
4	Male connector	1/4 OD X 1/4 NPT	Stainless Steel316 / INCONEL 625	6000 PSI
5	Male connector	3/8 OD X 3/8 NPT	Stainless Steel316 / INCONEL 625	6000 PSI
6	Male connector	1/2 OD X 1/2 NPT	Stainless Steel316 / INCONEL 625	6000 PSI
7	Male Elbow	1/4 OD X 1/4 NPT	Stainless Steel316 / INCONEL 625	3000 PSI
8	Male Elbow	3/8 OD X 3/8 NPT	Stainless Steel316 / INCONEL 625	3000 PSI
9	Male Elbow	1/2 OD X 1/2 NPT	Stainless Steel316 / INCONEL 625	3000 PSI

Date of Inspection : October 09, 2025

Specified Standard : Selected Tests as per ASTM F 1387(2012)
Detailed in Page two

Application : Onshore/Offshore & Industrial Applications

Certificate Number: 5450981

Issue Date of This Certificate: 16 Oct 2025

Next Assessment: 15 Oct 2026

Expiry Date of This Certificate: 15 Oct 2026

The Certificate Renewal Period: 02

Signed for and behalf of:

Certification Manager

Certification Body of System (UK) Limited
20-22 Wenlock Rd, London, N1 7GU,
United Kingdom
Email: info@cbscertificate.com
Web Site: cbscertificate.com



Richard Watson



"The Validity of this Certificate is Dependent Upon Ongoing Surveillance"

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CERTIFICATE

Product Type Test

This is to Certify That the Under Mentioned Part/s have been Tested with Satisfactory Results in Accordance with the Relevant Requirement of the CBS Type Approval System.

This certificate is issued to:

Producer : Pars Etesalat Abzar Daghigh Co.

Place of Production: No. 1525, Kaboutar Alley, Golestsan St., Dorna St.,
Abbas Abad Industrial zone, Khavaran Road, Tehran-IRAN.

Type : As Below Table

Item	Part	Size	Material	Class
1	Relief Valve	1/4"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
2	Relief Valve	3/8"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
3	Relief Valve	1/2"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
4	Relief Valve	3/4"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
5	Check Valve	1/4"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
6	Check Valve	3/8"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
7	Check Valve	1"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
8	Check Valve	1-1/4"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
9	Check Valve	1-1/2"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
10	Check Valve	1"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi

Date of Inspection : September 09, 2025

Specified Standard : ASME B16.34 (2020)

Application : Industrial Applications

Certificate Number: 5451027

Issue Date of This Certificate: 16 Sep 2025

Next Assessment:

15 Sep 2026

Expiry Date of This Certificate: 15 Sep 2026

The Certificate Renewal Period: 01

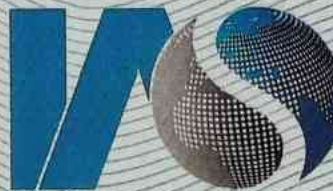
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CERTIFICATE

Product Type Test

This is to Certify That the Under Mentioned Part/s have been Tested with Satisfactory Results in Accordance with the Relevant Requirement of the CBS Type Approval System.

This certificate is issued to:

Producer : Pars Etesalat Abzar Daghigh Co.

Place of Production: No. 1525, Kaboutar Alley, Golestan St., Dorna St.,
Abbas Abad Industrial zone, Khavaran Road, Tehran-IRAN.

Type : As Below Table

Item	Part	Size	Material	Class
1	Needle Valve	1/8"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
2	Needle Valve	1/4"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
3	Needle Valve	3/8"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
4	Needle Valve	1/2"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
5	Needle Valve	3/4"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
6	Needle Valve	1"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
7	2,3,5 Way Manifold	1/4"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
8	2,3,5 Way Manifold	3/8"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi

Date of Inspection : September 09, 2025

Specified Standard : ASME B16.34 (2020)

Application : Industrial Applications

Certificate Number: 5451025

Issue Date of This Certificate: 16 Sep 2025

Next Assessment: 15 Sep 2026

Expiry Date of This Certificate: 15 Sep 2026

The Certificate Renewal Period: 01

Signed for and behalf of:

Certification Manager

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United Kingdom
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CERTIFICATE

Product Type Test

This is to Certify That the Under Mentioned Part/s have been Tested with Satisfactory Results in Accordance with the Relevant Requirement of the CBS Type Approval System.

This certificate is issued to:

Producer : Pars Etesalat Abzar Daghigh Co.

Place of Production: No. 1525, Kaboutar Alley, Golestan St., Dorna St., Abbas Abad Industrial zone, Khavaran Road, Tehran-IRAN.

Type : As Below Table

Item	Part	Size	Material	Class
1	Ball Valve	1/4"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
2	Ball Valve	3/8"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
3	Ball Valve	1/2"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
4	Ball Valve	3/4"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
5	Ball Valve	1"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
6	Ball Valve	1-1/2"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
7	Ball Valve	2"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
8	Ball Valve	3"	ST.ST/A105/SUPER ALLOY	3000/6000/10000 psi
9	Single & Double Block & Bleed Valve	1/2"	ST.ST/A105/SUPER ALLOY	150/300/600/1500/2500 psi
10	Single & Double Block & Bleed Valve	3/4"	ST.ST/A105/SUPER ALLOY	150/300/600/1500/2500 psi
11	Single & Double Block & Bleed Valve	1"	ST.ST/A105/SUPER ALLOY	150/300/600/1500/2500 psi
12	Single & Double Block & Bleed Valve	1-1/2"	ST.ST/A105/SUPER ALLOY	150/300/600/1500/2500 psi
13	Single & Double Block & Bleed Valve	2"	ST.ST/A105/SUPER ALLOY	150/300/600/1500/2500 psi

Date of Inspection : September 09, 2025

Specified Standard : ASME B16.34 (2020)

Application : Industrial Applications

Certificate Number: 5451026

Issue Date of This Certificate: 16 Sep 2025

Next Assessment:

15 Sep 2026

Expiry Date of This Certificate: 15 Sep 2026

The Certificate Renewal Period: 01

Signed for and behalf of:

Certification Manager

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CERTIFICATE

This is to Certify That the Under Mentioned Part/s have been Tested with Satisfactory Results in Accordance with the Relevant Requirement of the CBS Type Approval System.

This certificate is issued to:

Producer : Pars Etesalat Abzar Daghigh Co.

Place of Production: No. 1525, Kaboutar Alley, Golestan St., Dorna St., Abbas Abad Industrial zone, Khavaran Road, Tehran-IRAN.

Type : As Below Table

Item	Part	Size	Class
1	Ball Valve	1/4"	3000/6000/10000 psi
2	Ball Valve	3/8"	3000/6000/10000 psi
3	Ball Valve	1/2"	3000/6000/10000 psi
4	Ball Valve	3/4"	3000/6000/10000 psi
5	Ball Valve	1"	3000/6000/10000 psi
6	Ball Valve	1-1/2"	3000/6000/10000 psi
7	Ball Valve	2"	3000/6000/10000 psi
8	Ball Valve	3"	3000/6000/10000 psi
9	Single & Double Block & Bleed Valve	1/2"	150/300/600/1500/2500 psi
10	Single & Double Block & Bleed Valve	3/4"	150/300/600/1500/2500 psi
11	Single & Double Block & Bleed Valve	1"	150/300/600/1500/2500 psi
12	Single & Double Block & Bleed Valve	1-1/2"	150/300/600/1500/2500 psi
13	Single & Double Block & Bleed Valve	2"	150/300/600/1500/2500 psi

Date of Inspection : September 09, 2025

Specified Standard : Fire test based on API 607:2022 (Eighth Edition)

Application : Industrial Applications

Certificate Number: 5451028

Issue Date of This Certificate: 26 Sep 2025

Next Assessment:

25 Sep 2026

Expiry Date of This Certificate: 25 Sep 2026

The Certificate Renewal Period: 01

Signed for and behalf of:

Certification Manager

Certification Body of System (UK) Limited
20-22 Wenlock Rd, London, N1 7GU,
United Kingdom

Email: info@cbscertificate.com

Web Site: cbscertificate.com



Richard Watson



"The Validity of this Certificate is Dependent Upon Ongoing Surveillance"

- Lack of Fulfillment of Conditions as Set Out in the Certification Agreement may Render this Certificate Invalid.
- The Certificate Remains the Property of Certification Body of System Ltd. "CBS", to Whom it Must be Returned Upon Requests.



Manufacturer Of Fittings For
Oil, Gas & Petrochemical Instruments

پارس اتصالات ابزار دقیق

تولید کننده اتصالات ابزار دقیق نفت، گاز و پتروشیمی

PRODUCTS

Tube Fittings

Material: St.St 316/304 - Carbon Steel - Brass
Working Pressure: 3000-10000 psi
Size: 1/16"-1"

01

02

Valves

Working Pressure: 3000-10000 psi
Size: 1/8"-1"

Manifold (2-way, 3-way, 5-way)

Material: St.St 316/304 - Carbon Steel
Working Pressure: 3000-7000 psi
Size: 1/8"-3/4"

03

04

Pipe Fittings

Material: St.St 316/304 - Carbon Steel
Working Pressure: 3000-9000 psi
Size: 1/8"-2"

Siphon Tube, Condensate Pot

Material: St.St 316/304 - Carbon Steel
Working Pressure: 3000-6000 psi
Size: 1/8"-2"

05

06

Vebeo Fittings

Material: Carbon Steel
Working Pressure: 50-600 psi
Size: 1/4"-2"

Flared Fittings

Material: St.St 316/304 - Carbon Steel
Working Pressure: 3000-9000 psi
Size: 1/8"-2"

07

08

Hydraulic & Pneumatic Fittings

Material: St.St 316/304 - Carbon Steel - Brass
Working Pressure: 3000-9000 psi
Size: 1/8"-2"

Supported by in-house tooling, forging presses up to 800 tons, and investment casting capabilities, Pars Etesalat also manufactures custom components in brass, carbon steel, stainless steel, and superalloys based on customer's drawings/samples.

09

Manufacturer Of Fittings For Oil, Gas & Petrochemical Instruments

About us

Pars Etesalat, with over 30 years of experience, is a manufacturer and supplier of high-pressure piping components, as well as a producer of precision investment castings. Committed to international standards, Pars Etesalat possesses comprehensive knowledge of the requirements and specifications of the oil & gas, petrochemical, pharmaceutical, and food industries. Combined with the utilization of advanced CNC machining technology, this expertise enables the company to manufacture complex, high-precision components and has established it as a trusted partner to major industries.

Today, Pars Etesalat operates from a 7,800 m² manufacturing facility located in Abbas Abad Industrial Town, Tehran Province, employing more than 100 experienced professionals. The company manufactures a wide range of components and fittings in stainless steel, brass, carbon steel, and superalloys, serving the diverse needs of major industries.

The company is fully prepared to undertake customer orders involving the production of precision components, assembly of subassemblies, and manufacturing of specialized parts according to customer requirements. In line with its strategic objectives, customer satisfaction remains a top priority. To further enhance customer satisfaction and ensure consistent quality, the company has implemented a quality management system and obtained the ISO 9001:2000 Quality Management System certification.

Pars Etesalat's management cordially invites industry professionals, managers, and experts to visit its manufacturing facility and become better acquainted with the company's production capabilities, facilities, and technical resources.

● Scope of Activities

All products manufactured by Pars Etesalat are accompanied by quality certificates and full traceability records. The company utilizes high-pressure testing equipment in compliance with BS 4368 standards to verify the performance and integrity of its manufactured components. For selected components, pressure testing is conducted as a 100% inspection process. In addition to final inspections, the Quality Control Department continuously monitors and verifies the quality of the manufactured components at designated inspection points throughout the production process.

Features of Pars Etesalat Tube Fitting



Structure of Pars Etesalat

Pars Etesalat Tube Fittings consist of four precision parts that are manufactured under the strictest of quality control. These four precision parts together make up the best Tube Fitting in the world. Pars Etesalat Tube Fittings secure leak free connections providing customers with confidence and appreciation of overall reliability of the installed systems



Pars Etesalat installation Instruction

Installation under 1 inch / 25m.1

Pars Etesalat Tube Fittings shall be delivered to the customer completely assembled and ready for installation. Turning the nut to the finger tight position is the only requirement before starting the installation.

Fittings should not be disassembled before installation to maintain cleanliness and prevent unwanted foreign material from entering the system.

Care in the proper selection of tubing also contributes to a safe and reliable installation.

Step 1

Insert the tubing into the Pars Etesalat Tube Fitting making sure the tubing is bottomed out and is in complete contact with the shoulder of the fitting. Also, the nut should be in the finger-tight position at this time.

Step 2

Before tightening, mark the Pars Etesalat nut at the 6 o'clock position.

Step 3

Hold the fitting body safely with a back-up wrench and tighten the nut 1-1/4 turns until your mark reaches the 9 o'clock position.

Note: For 1/16", 1/8" and 3/16"; 2, 3 and 4 mm tube fittings, tighten the nut 3/4 of a turn to the 3 o'clock position.

UNION



PU
Union 9P



PRU
Reducing Union 10P



PBHRU
Bulkhead Reducing Union 11P



PBHU
Bulkhead Union 12P

Connector



PMC
Male Connector 13P



PMC-GM
Male Connector for Metal Gasket Seal 17P



PGMC
Male Connector for Metal Gasket Seal 18P



PFC
Female Connector 19P



PGC
Gauge Connector 21P

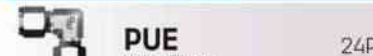


PMCB
Bulkhead Male Connector 22P



PFCB
Bulkhead Female Connector 23P

ELBOWS



PUE
Union Elbow 24P



PHUE
45° Union Elbow 25P



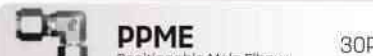
PME
Male Elbow 26P



PHME
45° Male Elbow 29P



PPHME
45° Positionable Male Elbow 30P



PPME
Positionable Male Elbow 30P



PFE
Female Elbow 32P



PAE
Adjustable Elbow 33P

TEE



PUT
Union Tee 34P



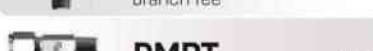
PRUT
Reducing Union Tee 35P



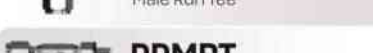
PMBT
Male Branch Tee 36P



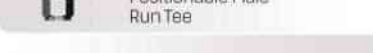
PPMBT
Positionable Male Branch Tee 37P



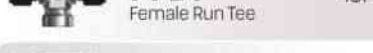
PMRT
Male Run Tee 38P



PPMRT
Positionable Male Run Tee 39P



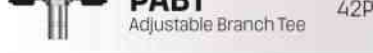
PFBT
Female Run Tee 40P



PFRT
Female Run Tee 41P



PABT
Adjustable Branch Tee 42P



PART
Adjustable Run Tee 42P



PUC
Union Cross 43P

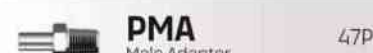
STUB TUBE CONNECTOR



PR
Reducer 44P



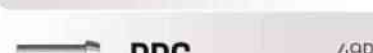
PRB
Bulkhead Reducer 46P



PMA
Male Adapter 47P



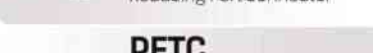
PFA
Female Adapter 48P



PPC
Port Connector 49P



PRPC
Reducing Port Connector 50P



PFTC
Lap Joint Flange Tube Connector 51P

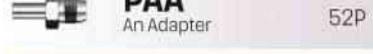
AN TUBE



PAF
An Union 51P



PAU
An Union 52P



PAA
An Adapter 52P

O-RING SEAL



POSC
O-Seal Straight Thread Connector 53P



POPC
O-Seal Pipe Thread Connector 53P



PSMC
SAE/MS Male Connector 54P

WELD END



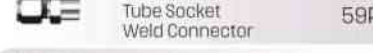
PPWC
Male Pipe Weld Connector 58P



PMPWE
Male Pipe Weld Elbow 59P

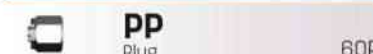


PSWC
Tube Socket Weld Connector 59P



PSWE
Tube Socket Weld Elbow 59P

PLUG & CAP



PP
Plug 60P

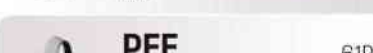


PC
Cap 60P

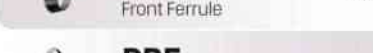
SPARE PART



PN
Nut 61P



PFF
Front Ferrule 61P



PBF
Back Ferrule 62P



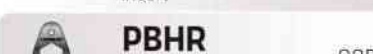
PFS
Ferrule Set 62P



PI
Insert 62P



PBHR
Bulkhead Retainer 63P



PVP
Vent Protector 63P

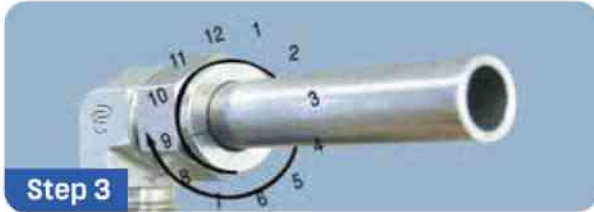
Double Ferrule Compression Fitting



Step 1



Step 2



Step 3

2. Do not assemble or disassemble fittings when the system is pressurized.

3. Re-tightening Instructions

Step 1

Pic. 1 shows the fitting in the disconnected position. Insert the tubing with the pre-swaged ferrules into the fitting body making sure the front ferrule is firmly seated as shown in Pic. 2.

Step 2

Finger-tighten the nut and then with a wrench turn the nut to the original 9 o'clock position. At this point a slight change of resistance will be felt. Tighten the nut slightly more as the change in resistance is felt and the installation is complete as shown in Pic. 3 by tightening slightly more.



Pic.1



Pic.2



Pic.3

Gaugeability

On initial installation, the Pars Etesalat Inspection Gauge assures the installer or inspector that a fitting has been sufficiently tightened.

Position the Pars Etesalat Inspection Gauge next to the gap between the nut and the body.

- If the gauge will not enter the gap, the fitting is sufficiently tightened.



- If the gauge will enter the gap, additional tightening is required.



* To order the gap inspection gauges, please refer to page 66.

2. Installation for high pressure or severe service systems

Since tubing has different O.D. tolerances, it is important to have a common starting point to take out in dimensional variations. This is done by tightening the fitting slightly until the tubing can not freely rotate in the fitting as it can in the finger-tight position. At this point tighten the nut 1-1/4 turns.

Safety Consideration on Installations for High Pressure Systems

1. Make sure the proper tubing wall thickness is selected in accordance with pressure ratings (See Page 8). Tubing should have a hardness of HRB 80 or less.

Technical Information

Hardness Limitation

High quality stainless steel tubing that is fully annealed; Seamless or Welded per ASTM A269, A213 or equivalent should be used with Pars Etesalat Tube fittings. The tubing must be a maximum hardness of HRB 90 or less on the Rockwell Scale.

however HRB 80 is more suitable for bending and offers a greater difference in hardness to the ferrules. This difference in hardness offers more ease in assembly and better interaction between the ferrules and the tubing.

Compatibility

Pars Etesalat Tube fittings are designed and manufactured to be interchangeable with other Tube Fittings manufactured by other industry leading manufacturers. When required compatibility testing can be performed by an independent third party and the reports can be provided. Please consult Pars Etesalat sales representative for compatibility.



PUS
Straight Union 6P



PUE
Union Elbow 6P



PUT
Union Tee 7P



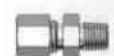
PUC
Union Cross 7P



PBHU
Bulkhead Union 8P



PBUE
Bulkhead Union Elbow 8P



PCM-R
Male Connector 9P



PCM-G
Male Connector (For Copper Basket) 10P



PCM-GO
Male Connector (For O-Ring) 11P



PLCM
Long Male Connector 12P



PME
Male Elbow 13P



PLME
Long Male Elbow 14P



PPME
Positionable Male Elbow 14P



PBE
Banjo Elbow 15P



PMBT
Male Branch Tee 15P



PMRT
Male Run Tee 16P



PCF
Female Connector 16P



PBCF
Bulkhead Female Connector 17P



PFGC
Female Gauge Connector 17P



PFE
Female Elbow 18P



PFBTe
Female Branch Tee 19P



PERT
Female Run Tee 19P



PC
Cap 20P



PPL
Plug 20P



PNT
Nut 21P



PCR
Sleeve 21P



PHMU
Hose Male Union 22P



PHFU
Hose Female Union 22P



PHBMU
Hose Bulkhead Male Union 23P



PHBFU
Hose Bulkhead Female Union 23P



PHME
Hose Male Elbow 24P



PHME
Hose Male Elbow 24P



PHBME
Hose Bulkhead Male Elbow 25P



PHBFE
Hose Bulkhead Female Elbow 25P



PWC
Welding Connector 26P



PWBU
Welding Bulkhead Union 26P



PAP-R
Adapter 27P



PAP-G
Adapter 27P



PRD
Reducer 28P



PAE
Adjustable Elbow 28P



PABT
Adjustable Branch Tee 29P



PART
Adjustable Run Tee 29P



PAPV
Air Purge Valve (Thread End) 30P



PAPV-R
Air Purge Valve (Thread End) 30P

37° Flared Fitting Index

	PU Union	6P		PHME Male Elbow 45°	12P		PMSC-U O-Ring Seal Male Swivel Connector	18P
	PUE Union Elbow	6P		PFC Female Connector	12P		PFSC Swivel Connector	18P
	PUT Union Tee	7P		PFE Female Elbow	13P		PSR Swivel Elbow	19P
	PUC Union Cross	7P		PFRT Female Run Tee	13P		PSRT Swivel Run Tee	19P
	PBHU Bulkhead Union	8P		PFBT Female Branch Tee	14P		PSBT Swivel Branch Tee	20P
	PBUW Weld Bulkhead Union	8P		PMC-GO O-Ring Seal Male Connector (PF)	14P		PP Plug	20P
	PBFC Bulkhead Female Connector	9P		PMC-U O-Ring Seal Male Connector (UNF/UN)	15P		PC Tube Cap	20P
	PBUE Bulkhead Union Elbow	9P		PPME-U Positionable Male Elbow	15P		PRA Reducer Adapter	21P
	PMC Male Connector	10P		PPHME-U Positionable 45° Male Elbow	16P		PLN Bulkhead Lock Nut	21P
	PME Male Elbow	10P		IPPMBT-U Positionable Male Branch Tee	16P		PN Nut	21P
	PMRT Male Run Tee	11P		PPMRT-U Positionable Male Run Tee	17P		PS Sleeve	21P
	PMBT Male Branch Tee	11P		PMSC Male Swivel Connector	17P			

Pars Etesalat

Instrumentation Thread Fitting



Instrumentation Thread Fitting Index



PICN
Close Nipple

4P



PIRHB
Reducing Hex
Bushing

6P



PIRSE
Reducing
Street Elbow

8P



PIHN
Hex Nipple

4P



PIHC
Hex Coupling

6P



PIME
Male Elbow

8P



PIHLN
Hex Long Nipple

4P



PIHRC
Hex Reducing
Coupling

6P



PIFT
Female Tee

8P



PIHLN
Hex Long Nipple

4P



PIPG
ISO Parallel Gasket

7P



PIBT
Branch Tee

9P



PIHRN
Hex Reducing Nipple

5P



PIPP
Pipe Plug

7P



PIRT
Run Tee

9P



PIRA
Adapter

5P



PIPC
Pipe Cap

7P



PIMT
Male Tee

9P



PIRA
Reducing Adapter

6P



PIFE
Female Elbow

7P



PIFC
Female Cross

9P



PISE
Street Elbow

8P

Pars Etesalat Seamless Stanless Tubel

For Hydraulic &
Instrumentation Systems



Coiled tubing - Standard size range Imperial sizes

Size inch		Single Coil Length * ft	Orbital welded length ft
1/8	x .020	1,300	
	x .028	1,300	
	x .035	1,300	
	x .049	1,300	
3/16	x .020	1,000	
	x .028	950	
	x .035	750	
	x .049	600	
1/4	x .035	2,005	36,551
	x .049	1,528	27,864
	x .065	1,256	22,903
3/8	x .035	1,267	23,100
	x .049	941	17,162
	x .065	749	13,661
	x .083	612	11,345
1/2	x .035	927	16,899
	x .049	681	12,411
	x .065	534	9,740
	x .083	427	7,949
5/8	x .035	446	13,313
	x .049	325	9,711
	x .065	253	7,565
	x .083	203	6,112
3/4	x .035	367	10,990
	x .049	266	7,982
	x .065	207	6,187

Metric size

Size mm		Single Coil Length * m	Orbital welded length m
3.0	x 0.5	400	
	x 0.75	400	
	x 1.0	400	
3.5	x 0.5	400	
	x 0.75	400	
	x 1.0	350	
	x 1.5	280	
4.0	x 0.5	350	
	x 0.75	350	
	x 1.0	300	
	x 1.5	230	
6.0	x 1.0	594	10,828
	x 1.2	515	9,399
	x 1.5	440	8,021
8.0	x 1.0	424	7,734
	x 1.2	364	6,635
	x 1.5	304	5,553
10.0	x 1.0	330	6,016
	x 1.2	281	5,127
	x 1.5	233	4,246
12.0	x 2.0	182	
	x 1.0	270	4,922
	x 1.2	229	4,177
	x 1.5	188	3,437
	x 2.0	146	

Sizes above 12 mm – please inquire.



Pars Etesalat & Needle Valve Manifold

Material:

Stainless Steel 316/316L, 304/304L
Carbon Steel A105

- Size:
1/8" up to 1"
- Pressure Rating:
3000 Psi Up To 10000 psi



Needle Valve



Needle Valve



Tow Valve Manifold

(For Gauge)



Five Valve manifold

(For Divert Mounting)

Pars Etesalat

Integral Bonnet Needle Valve



Pars Etesalat

Block & Bleed Valves

- Double Block & Bleed Valves
- Monoflange Valves



Check Valve

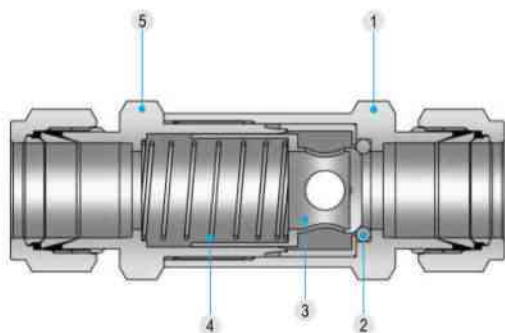
SPCV Series

Features

- Fixed cracking pressure.
- Pressure rating up to 3000 psig @70 (21)
- Temperature rating up to 375 (191) with viton o-ring
- Variety of end connections.
- Each and every valves are tested for cracking pressure and reseal performance at the factory.



Materials of Construction

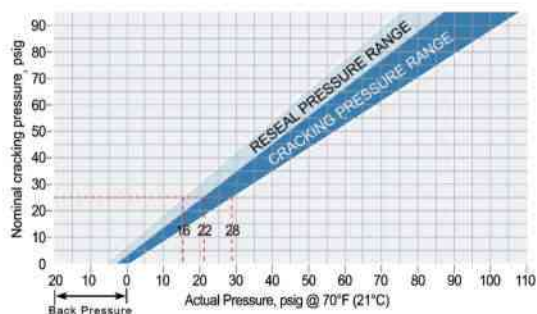


No.	Description	Material
*1	Inlet Body	ASTM A276 Type 316
*2	O-Ring	Viton
*3	Poppet	ASTM A276 Type 316
*4	Spring	304 Stainless Steel
*5	Outlet Body	ASTM A276 Type 316

* Wetted components

O-Rings

O-ring Material	Temperature Rating°F(°C)	Designator
Buna N	-10 to 250 (-23 to 121)	-N
Ethylene Propylene	-70 to 250 (-57 to 121)	-E
Viton (Fluorocarbon)	-10 to 375 (-23 to 191)	(Blank)
Kalrez	-15 to 500 (-26 to 260)	-K
Neoprene	-35 to 225 (-37 to 107)	-P



Back Pressure

Back pressure may be required to reseal the valves with nominal cracking pressure of 5psi or lower.

Example: For a valve with a spring having a rated cracking pressure of 25 psig (1.72 bar), the actual cracking pressure ranges between 22 and 28 psig (1.52 to 1.93 bar). The re-seal pressure range would be 16 to 22 psig (1.10 to 1.52 bar). Check valves having springs with rated crack pressure of 3 psig (0.21 bar) or less may require up to 4 psig (0.28 bar) back pressure to re-seal bubble-tight. Back Pressure

Relief Valve

Features

- Compact design
- Cracking pressure adjustable externally
- Lock wire feature secures a given pressure setting
- Each and every valve is tested at the factory



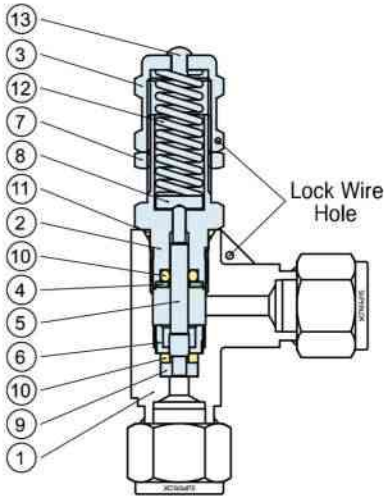
- Set pressure is the upstream pressure at which the first indication of flow occurs.
- Set pressure of each valve after initial relief is repeatable within $\pm 5\%$ at room temperature

SRVL Series

Low Pressure Relief Valve

Technical Data

- **Maximum working pressure:** 300 psig (20.6 bar)
- **Cracking pressure range:** 10~250 psig (0.69~17.2 bar)
- **Orifice size:** 4.8mm
- One spring for the full set pressure range



Materials of Construction

No.	Description	Material	No.	Description	Material
*1	Body	SS316 / A182	*9	Seat Retainer	SS316 / A276
*2	Bonnet	SS316 / A276	*10	Seat	PTFE
3	Cracking Pressure Adjusting Nut	SS316 / A276	*11	O-Ring	Viton
*4	Retainer	SS316 / A276	*12	O-Ring	Viton
*5	Stem Shaft	SS316 / A276	*13	O-Ring	Viton
*6	Stem	SS316 / A276	14	Spring	SS631
7	Lock Nut	SS316 / A276	15	Cap	Polypropylene
8	Spring Support	SS316 / A276			

* Wetted components

Pars Etesalat Quick Connectors

- PHQC Series
- PQC Series
- PFQC Series



Hydraulic Quick Connector

PHQC Series

Features

- Large flow areas machined into the body of the socket and plug facilitate flow around the valve for a high flow capacity.
- Both socket and plug have automatic shut-off valve inside so that the fluid in the line will not flow out on disconnection
- Various standard seal materials are available to suit a variety of fluids.
- In compliance with ISO 7241 series B standard.



Pars Etesalat

Flexible Metal Hoses

PFH Series



Features

- Stainless steel construction.
- Positive pressure up to 1600psig. (110bar)
- Wide variety of fractional and metric end connections from 1/4 to 2 in and 6 to 38mm.
- Custom options and assemblies available

Nominal Hose Size In.	Hose Series	Minimum Bend Radius, In.(cm)		Temperatur Range,°F(°C)	Working Pressure @-325 to 300°F (-200 to 148°C) psig (bar)	Minimum Burst @70°F(20°C) psig (bar)
		Static	Dynamic			
1/4	PFH4	0.75 (1.90)	4.33 (11.0)	-325 to 800 (-200 to 426)	1600 (110)	6400 (440)
3/8	PFH6	0.87 (2.21)	5.91 (15.0)		1470 (101)	5880 (405)
1/2	PFH8	1.04 (2.64)	6.50 (16.5)		1110 (76.4)	4440 (305)
3/4	PFH12	1.61 (4.09)	8.86 (22.5)		860 (59.2)	3440 (237)
1	PFH16	1.89 (4.80)	10.2(26.0)		680 (46.8)	2720 (187)
1 1/4	PFH20	2.16 (5.49)	11.8 (30.0)		680 (46.8)	2720 (187)
1 1/2	PFH24	2.33 (5.92)	13.4 (34.0)		520 (35.8)	2080 (143)
2	PFH32	3.10 (7.87)	15.4 (39.1)		450 (31.0)	1800 (124)

• Do not subject Flexible metal hose to system pressure surges, shock or pulsations greater than 50% of the working pressure rating.

Pars Etesalat & Hose Hose Connection





**Seamless
Stanless Tubel**



**Instrumentation
Thread Fitting**



Tube Fitting



Check Valve



**Integral Bonnet
Needle Valve**



**Needle Valve &
Manifold**



**Flexible Metal
Hoses**



Quick Connectors



Relief Valve



INVESTMENT CASTING

(LOST WAX PRECISION CASTING)

Pars Etesalat produces precision investment cast components with excellent dimensional accuracy, repeatability and surface finish. We cast a wide range of complex shapes in stainless steels and high-performance super alloys for demanding industrial applications.



MATERIALS

- Stainless Steel 304 / 304L
- Stainless Steel 316 / 316L
- Super Alloys (Inconel, Monel, Hastelloy, etc.)



PART WEIGHT

5 g – 5 kg



APPLICATIONS

- Oil & Gas
- Petrochemical
- Food & Pharmaceutical
- Industrial Equipment



FINISHING CAPABILITIES

- CNC Machining
- Heat Treatment
- Surface Finishing

MANUFACTURING PROCESS





Pars Etesalat

A b z a r d a g n i g

Manufacturer Of Fittings For
Oil, Gas & Petrochemical Instruments

Technical Consulting

Backed by an experienced engineering team and fully equipped testing facilities compliant with BS 4368, we provide technical consultation in:

- 1. Selection of the most suitable fittings based on material, size, operating conditions, and process media.*
- 2. Design and application of fittings and tubing systems for CNG stations.*
- 3. Design and development of custom fittings manufactured to meet specific customer requirements.*

Trading Services

To provide a complete solution for our customers, we source products outside our current manufacturing scope from qualified and approved suppliers. All supplied products are delivered with valid certification and are fully backed by our quality assurance.

1. Seamless Tube

Material: St.St 316/316L

Size: 1/16"-1"

**Available in various wall thicknesses*

2. Seamless Pipe

Material: Stainless Steel, Carbon Steel

Size: 1/4"-2"

**Available in various wall thicknesses*

3. Globe/Gate/Ball Valves:

Material: Various materials are available

Size: 1/4"-2"



Manufacturer Of Fittings For
Oil, Gas & Petrochemical Instruments

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