



**ADITYA STEEL
ENGINEERING. CO.**

Ferrule or Tube Insert

Manufacturer of Heat Exchanger And Boilers Tube Insert or Ferrule.



**Special Metal heat Resistant Inconel
Alloy 601 / Alloy 602CA / Alloy 693
and Stainless Steel Ferrules.**



CB-MS-2606



**ADITYA STEEL
ENGINEERING. CO.**

A complete engg. solution's

ISO 9001 & PED Certified Manufacturer

Certificate of Registration
This is to certify that

ADITYA STEEL ENGG. CO.
Office: F45, 1st Floor, Cine Wonder Mall, Karpurwadi, Thane West, Mumbai - 400607 (Maharashtra), India.
Factory: Plot N. 4/A & 12, C.I.E., Arad Nagar, Vasai East - 401208 (Maharashtra), India.

has been assessed by RICL and found to comply with the requirements of

ISO 9001 : 2015
Quality Management System

For the following activities:
Manufacturer and Exporters of Butt-Weld Pipe Fittings, Flanged Fittings & Flanges, Disk End, Heat Exchanger and Boiler Fittings (Tube Sheet) Slaves, Pipe Insert Slaves in Stainless Steel, Carbon Steel, Alloy Steel, High Nickel Steels, Titanium, Inconel, Monel, Copper.

This Certificate is Valid from 21/10/2022 Until 20/10/2025

Date of Issue Certificate: 21/10/2022
In Surveillance on or before: 20/10/2023
Next Surveillance on or before: 20/10/2024
Certificate Valid Until: 20/10/2025

Director (Certification)
Royal Stancert B.V.
Director
1033 XE Amsterdam, The Netherlands
www.royalstancert.com

Certificate of Registration
This is to Certify that
based on the inspection results of specific assessment for materials

ADITYA STEEL ENGG. CO.
Office: F45, 1st Floor, Cine Wonder Mall, Karpurwadi, Thane West, Mumbai - 400607 (Maharashtra), India.
Factory: Plot N. 4/A & 12, C.I.E., Arad Nagar, Vasai East - 401208 (Maharashtra), India.

has implemented and applies quality assurance system for materials according to point 4.3 of Annex 1 to the Directive No. 2014/68/EU on Pressure equipment

Scope of Materials:
Manufacturer and Exporters of Butt-Weld Pipe Fittings, Flanged Fittings & Flanges, Disk End, Heat Exchanger and Boiler Fittings (Tube Sheet) Slaves, Pipe Insert Slaves in Stainless Steel, Carbon Steel, Alloy Steel, High Nickel Steels, Titanium, Inconel, Monel, Copper.
(Product Details as per Annexure 1)

Standards: ASME Sec II Part A of Form Materials and ASME Sec. II Part B for Non-Ferrous Materials, ASTM Std for Ferrous and Non Ferrous Alloys.

Audit report no.: Tspq25727

Manufacturer will inform Royal Stancert B.V. About every modification to quality assurance system.

Validity of Certificate is conditioned by performing surveillance audits by Royal Stancert B.V. At least 1 audit per 12 months. Audit performance is proved by Audit Report.

Certificate Number / Certificate No.: PE-09-2218-5727

Date of Issue / Date of Issue: 21/10/2022
Valid until / Date of Expiry: 20/10/2025
In Annual surveillance audit due on: 20/10/2023
Next Annual surveillance audit due on: 20/10/2024

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Certificate of Registration
Annexure 1 to PED Conformity Certificate No. PE-09-2218-5727
Products covered by this certificate:

Product	Material	Product	Material
Butt-welded pipe fittings	Stainless Steel, Carbon Steel, Alloy Steel, High Nickel Steels, Titanium, Inconel, Monel, Copper	Flanged fittings & flanges	Stainless Steel, Carbon Steel, Alloy Steel, High Nickel Steels, Titanium, Inconel, Monel, Copper
Heat exchanger and boiler fittings (tube sheet) slaves	Stainless Steel, Carbon Steel, Alloy Steel, High Nickel Steels, Titanium, Inconel, Monel, Copper	Pipe insert slaves	Stainless Steel, Carbon Steel, Alloy Steel, High Nickel Steels, Titanium, Inconel, Monel, Copper

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Certificate of Registration
Annexure 2 to PED Conformity Certificate No. PE-09-2218-5727
Products covered by this certificate:

Product	Material	Product	Material
Butt-welded pipe fittings	Stainless Steel, Carbon Steel, Alloy Steel, High Nickel Steels, Titanium, Inconel, Monel, Copper	Flanged fittings & flanges	Stainless Steel, Carbon Steel, Alloy Steel, High Nickel Steels, Titanium, Inconel, Monel, Copper
Heat exchanger and boiler fittings (tube sheet) slaves	Stainless Steel, Carbon Steel, Alloy Steel, High Nickel Steels, Titanium, Inconel, Monel, Copper	Pipe insert slaves	Stainless Steel, Carbon Steel, Alloy Steel, High Nickel Steels, Titanium, Inconel, Monel, Copper

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Certificate of Registration
Annexure 3 to PED Conformity Certificate No. PE-09-2218-5727
Products covered by this certificate:

Product	Material	Product	Material
Butt-welded pipe fittings	Stainless Steel, Carbon Steel, Alloy Steel, High Nickel Steels, Titanium, Inconel, Monel, Copper	Flanged fittings & flanges	Stainless Steel, Carbon Steel, Alloy Steel, High Nickel Steels, Titanium, Inconel, Monel, Copper
Heat exchanger and boiler fittings (tube sheet) slaves	Stainless Steel, Carbon Steel, Alloy Steel, High Nickel Steels, Titanium, Inconel, Monel, Copper	Pipe insert slaves	Stainless Steel, Carbon Steel, Alloy Steel, High Nickel Steels, Titanium, Inconel, Monel, Copper

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Certificate of Registration
Annexure 4 to PED Conformity Certificate No. PE-09-2218-5727
Products covered by this certificate:

Product	Material	Product	Material
Butt-welded pipe fittings	Stainless Steel, Carbon Steel, Alloy Steel, High Nickel Steels, Titanium, Inconel, Monel, Copper	Flanged fittings & flanges	Stainless Steel, Carbon Steel, Alloy Steel, High Nickel Steels, Titanium, Inconel, Monel, Copper
Heat exchanger and boiler fittings (tube sheet) slaves	Stainless Steel, Carbon Steel, Alloy Steel, High Nickel Steels, Titanium, Inconel, Monel, Copper	Pipe insert slaves	Stainless Steel, Carbon Steel, Alloy Steel, High Nickel Steels, Titanium, Inconel, Monel, Copper

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Tube inserts and ferrules

- **Tube inserts and ferrules are the same products. A metal, plastic or ceramic tube that is inserted into the end of a heat exchanger tube to provide a specific function. The purpose of a tube insert is to either be sacrificial to the effects of inlet-end erosion, corrosion, impingement to induce a fluid to fall on the ID of a tube in a falling film exchanger or to transfer extremely high heat past the tube sheet to the exchanger tubes. Each of the above applications requires a specific style of design. At ASEC, we manufacture metal tube inserts for all applications, providing the necessary drawings required.**

Gallery



ADITYA STEEL
ENGINEERING. CO.

- Inconel Alloy Ferrules or Inserts



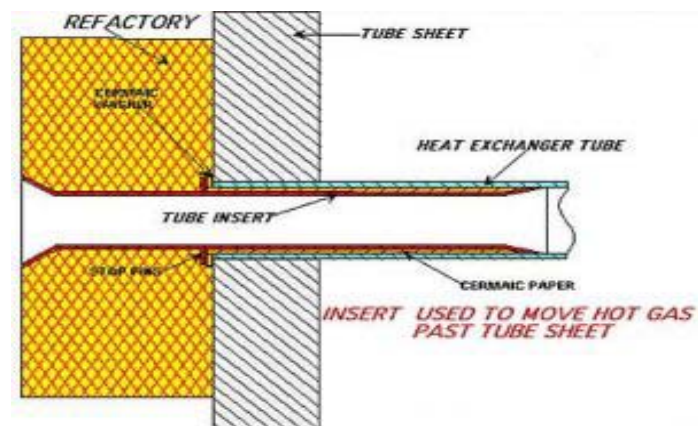
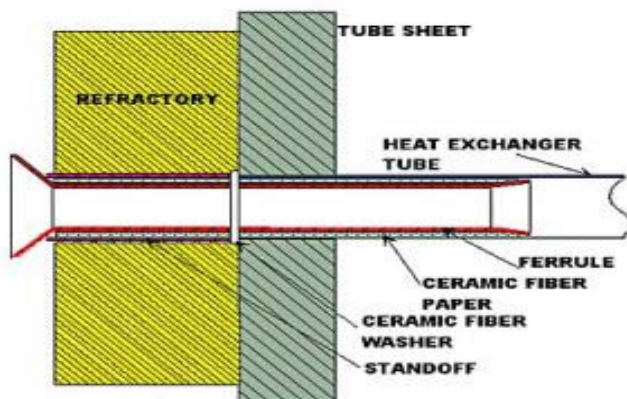
Advantages



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There are a number of advantages to this system:

- The ferrules can be removed, inspected, and if necessary, sent back to the factory for new ceramic fiber paper and taping, before returning to the unit.
- Only the ferrules that are worn out need to be replaced. This can be accomplished without the removal of the refractory.
- The design does not have any metal to metal contact from the ferrule to the tube sheet or the heat exchanger tube.





**ADITYA STEEL
ENGINEERING. CO.**

Contact Us!

- Address :
OFFICE : F45 | Wondermall | G.B. Road | Thane (W) – 400607
Maharashtra – India

FACTORY : Plot N. 4/A & 12 | Citizen Industrial Estate | Azad
Nagar
- Golani | Vasai East – 401208 (Palghar) | Maharashtra – India.
- **EMAIL** : sales@adityasteel.in , info@adityasteel.in
- Tel.: +91 8655283183 / +91 8779640471 / Land Line. : +91-22-4606-0359