

PETROL STEEL CO., LTD
 TEL/FAX: 0086 10 8509 9158
 MOBILE: 0086 159 0035 7871
 EMAIL: sales@petrolsteel.com
 http://www.petrolsteel.com
 Cangzhou Economic Development Zone, Cangzhou, Hebei, China.
 A-4F, Watone Center, A6 Chaowai St., Chaoyang Dist., Beijing, China.



PETROL STEEL 2015



PETROL STEEL CO., LTD



PETROL STEEL CO., LTD (short name PESCO), as a prominent corporation, production locales in China, branch offices locate in over 10 countries, engaged in offering a wide assortment of industrial steel materials, machines in relations with - oilfield, gasoline, oil refinery, petrochemical industry, shipyard building, construction, piling section, etc.

CAPACITY
 CAPITAL 700 MILLION USDS
 AREA 500,000 SQ.M.
 STUFF 1,000 INCLUDING 280 TECHNICIANS
 SETUP TIME 1990 YEAR WITH OVER 50-YEAR EXPORT EXPERIENCE

The materials and services we are offering are widely appreciable for highlighting features like customer centric approach, high flexibility, reliability and timely execution.

SPECIAL PRODUCTION

1. Clamp connectors / HUB Connector
卡套式 / 卡箍式管道连接器
2. High Pressure Self-energized Flange P-loc
High-pressure Self-tightening Flange P-loc
高压自紧式法兰 P-LOC
3. High Pressure Bolt Nuts 高压螺栓螺母
4. Seal ring of High Pressure Self-energized Flange
高压自紧式法兰的密封环



Clamp connectors / HUB Connector
卡套式 / 卡箍式管道连接器

Basic Info
 Standard: GB
 Type: Threaded Connection Flange
 Material: Stainless Steel
 Manufacturing Way: Forging
 DN15-DN600; PN 10WPa 50MPa
 Export Market: Global
 Product Description
 1) The composition of P-LOC:
 P-LOC contains 4 parts: 2 HUBs, 1 metal seal ring, 1 pair clamps, 4 sets of bolts and nuts. The HUBs will be connected/welded with pipes.
 2) P-LOC design and manufacture technical standard
 GB150-1998 Steel pressure vessel
 HG20602-1998 Steel Chemical Vessel Strength Calculation Standard
 JB 4726-2000 Carbon steel and low-alloy steel Forgings used for Pressure Vessel
 JB4728-2000 Stainless Steel used for Pressure Vessel
 ANSI B-36.10 Dimensions and weights for line pipe
 API 5L pipe line standard
 3) Scope of application
 Pressure: PN < 50MPa
 Temperature: -50 degree centigrade ~5000 degree centigrade
 Pipe Diameter: DN15-DN600
 Material: Select different metals based on the different working condition
 备注:
 标准: GB
 材质: 锻造碳钢/法兰
 压力: 不大于
 温度: 50 摄氏度 ~ 5000 摄氏度
 管径: DN15 - DN600
 材料: 根据不同工作条件选择不同金属材料
 产品描述:
 1、p-loc 组成:
 p-loc 包含 4 个部分: 2 个管节, 1 个金属密封环, 1 对卡套, 4 套螺栓和螺母。管节与管道连接/焊接。
 2、p-loc 设计制造技术标准:
 GB150-1998 钢制压力容器
 HG20602-1998 钢制化工容器强度计算标准
 JB 4726-2000 碳钢和低合金钢锻件用压力容器
 JB4728-2000 不锈钢锻件用压力容器
 ANSI B-36.10 管道尺寸和重量
 API 5L 管线钢标准
 3、应用范围:
 压力: PN<50MPa
 温度: 50 摄氏度 ~ 5000 摄氏度
 管径: DN15 - DN600
 材料: 根据不同工作条件选择不同金属材料



High Pressure Self-energized Flange P-loc
High-pressure Self-tightening Flange P-loc
高压自紧式法兰 P-LOC

Key Specifications/Special Features:
 Composed of 2 hubs, metal seal ring, pair of clamp, 4 sets of studs and bolts
 Pressure: <50MPa
 Temperature: -200 to 600° C
 Pipe diameter: DN15 to DN600
 Smaller in size and shorter in welding neck
 Not only reduces weight but also saves space, light structure, it gains better integrated sealing performance
 Meta sealing: core competence of high pressure self-energized flange exclusive sealing way, makes pipe stronger with its self-tight sealing under pressure
 Better flexible of all pipe connection, exclusive sealing way, makes pipe material, other pipes fitting in strength and flexibility
 Easy-to-install: when installing, fix with 4 bolts and repair do not have to adjust both holes
 Smaller assembly torque of high pressure
 Suitable for pipe connection of all size without considering pressure of pipeline, requires lower stock rate of spare parts
 Design and manufacture technical standards:
 GB150-1998: steel pressure vessel
 HG20602-1998: steel chemical vessel strength calculation standard
 JB 4726-2000: carbon and low alloy steel forging used for pressure vessel
 JB4728-2000: stainless steel used for pressure vessel
 ANSI B-36.10: dimensions and weight for line pipe
 API 5L pipe line standard
 Primary Competitive Advantages:
 Form A
 Packaging
 Quality Approvals
 Country of Origin
 Price
 Reputation
 Distributorship Offered
 Guarantee/Warranty
 Product Features
 Service
 International Approvals
 Product Performance
 Small Orders Accepted
 Experienced Staff
 Prompt Delivery
 Patented



High Pressure Bolt Nuts
高压螺栓螺母

High Pressure Bolt Nuts 高压螺栓螺母
 Key Specifications/Special Features:
 Mainly used for fasten the hub, seal ring and clamp
 Convenient for installation
 Schema
 Made by rolling process
 Strictly abide by the national high pressure bolt standards
 Pressure: PN < 50MPa
 Temperature: -200 to 600° C
 Pipe diameter: DN15 to DN600, usually use 316CrMoA, 304, 316L, 316Ti, or high steel grade materials
 Strictly follow the requirement of high pressure bolts standard
 Product Description
 1) Bolt's info:
 High pressure self-energized flange, also called clamp connector or P-LOC, is new connection way of high pressure pipelines. P-LOC contains 4 parts: 2 HUBs, 1 metal seal ring, 1 pair clamps, 4 sets of bolts and nuts.
 2) Bolt's nut's function:
 Bolts and nuts mainly used for fasten the hub, seal ring and clamp. No matter how large the pipe is, customers only need 4 sets of bolts and nuts and it is enough to make the ring connector integrated. It is convenient for installation.
 3) Material:
 For material, it can be carbon steel and stainless steel. Usually, we use 35CrMoA, 304, 316, 316L, etc. In production, we strictly follow the requirement of high pressure bolts standards.
 主要用于紧固管节, 密封环和卡套
 安装方便
 结构
 由轧制加工
 严格遵守国家高压螺栓标准
 压力: PN<50MPa
 温度: -200 到 600° C
 管径: DN15 至 DN600, 通常用 316CrMoA, 304, 316, 316L 或更高等级材料
 严格遵守高压螺栓标准要求
 产品描述:
 1、螺栓和螺母:
 高压自紧式法兰, 也叫卡箍式管道连接器 p-loc, 是最新的高压管道连接方式。p-loc 包含 4 个部分: 2 个管节, 1 个金属密封环, 1 对卡套, 4 套螺栓和螺母。
 2、螺栓和螺母的功能:
 螺栓和螺母主要用于紧固管节, 密封环和卡套。无论管径多大, 客户只需要 4 套螺栓和螺母, 就能完成卡箍式管道连接器的安装, 安装使用方便。
 3、材料:
 对于材料, 它可以是碳钢或不锈钢。通常, 我们只 35CrMoA, 304, 316, 316L, 等在生产中, 我们严格按照高压螺栓标准要求。



Sealing of High Pressure Self-Energized Flange
高压自紧式法兰的密封环

Basic Info
 Standard: GB
 Type: Threaded Connection Flange
 Material: Stainless Steel
 Manufacturing Way: Forging
 DN15-DN600; PN 10WPa 50MPa
 Export Market: Global
 Product Description
 1) The composition of P-LOC:
 High pressure self-energized flange, also called clamp connector or P-LOC, is new connection way of high pressure pipelines. P-LOC contains 4 parts: 2 HUBs, 1 metal seal ring, 1 pair clamps, 4 sets of bolts and nuts.
 2) Seal ring's function:
 P-LOC seal ring looks small, but it is the key element of a clamp connector. The design and manufacture of seal ring counts much for clamp connector's sealing. The seal ring is a "T" in cross section.
 The top of the "T" forms a rib that is held by the hub faces as the connection is made. (密封环 T 型结构的臂 HUB (卡套) 的垂直尖角, 形成密封)



High Pressure Self-energized Flange P-loc
High-pressure Self-tightening Flange P-loc
高压自紧式法兰 P-LOC

Key Specifications/Special Features:
 Composed of 2 hubs, metal seal ring, pair of clamp, 4 sets of studs and bolts
 Pressure: <50MPa
 Temperature: -200 to 600° C
 Pipe diameter: DN15 to DN600
 Smaller in size and shorter in welding neck
 Not only reduces weight but also saves space, light structure, it gains better integrated sealing performance
 Meta sealing: core competence of high pressure self-energized flange exclusive sealing way, makes pipe stronger with its self-tight sealing under pressure
 Better flexible of all pipe connection, exclusive sealing way, makes pipe material, other pipes fitting in strength and flexibility
 Easy-to-install: when installing, fix with 4 bolts and repair do not have to adjust both holes
 Smaller assembly torque of high pressure
 Suitable for pipe connection of all size without considering pressure of pipeline, requires lower stock rate of spare parts
 Design and manufacture technical standards:
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我们的目标是整个世界
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