



Golden Metal Co.
Energy Delivery made Easy



Table of Content

About US 1

INDUSTRIES 2

Oil & Gas
Petrochemical
LNG
Desalination
Nuclear Energy
Mining & Minerals

PRODUCTS 5

But weld Fittings
Flangs
Pipe and Tubes
Valves
Gaskets
Instruments
Bolts and Nuts
Forge Fittings



About US

We are a group experts who are experienced in fields of trading different kinds of piping materials such as pipes, fittings, flanges, gasket and all kinds of valves and instruments. Our Motto is Highest quality, lowest cost. We believe that we can provide you with the materials with best quality and prices. We got an excellent cooperation with the best manufactures of piping material in the world.



INDUSTRIES

Oil & Gas

Golden Metal has been working with the Oil and Gas industry since our inception. We understand the needs and requirements of the global industry and work with the very best mills and manufacturers across the world in order to best service our clients, many of whom are industry leaders and innovators. We will continue to source and supply the most high-quality super duplex stainless steels and Nickel Alloy products – whether that's pipes, flanges or specialist fittings for many years to come.

Petrochemical

Golden Metal sources and supplies a very wide range of pipes, seamless steel tubes, fittings and flanges for petrochemical plants across the globe.

We understand how important it is for our clients to have the very best products to ensure that their pipelines and plants do not face failure in the sometimes very harsh environments that they are based. Our many years of experience in the industry means that we can supply any technical products that are required and can certify that our products meet rigorous testing standards. As is to be expected, the pipes, fittings and flanges required in the petrochemical industry have to undergo scrupulous destructive and non-destructive testing. They have to prove themselves to be able to resist certain corrosive environments while remaining as strong and durable as they are immediately after being manufactured.

LNG



Golden Metal global network of experienced mills and manufacturers allows us to source the most high-performing products in the market. Whether it is storage tanks, pipes or other essential items that are required, we are able to source it.

As the LNG industry continues to develop, manufacturing companies that build storage and transportation facilities, such as tanks and tankers, for LNG will need to source large amounts of nickel stainless steel alloys.

Desalination



Golden Metal will continue to work closely with both our clients and suppliers to ensure that this need is met. PetroTajhiz Kadoosan has certainly experienced an increase of orders from the desalination industry. We regularly receive large orders for thinner wall pipes, fittings and flanges in high-performing %6 Moly, Super Duplex and Duplex for use in desalination plants. These materials are able to cope with the corrosive environment and therefore stand the test of time for our customers.

Nuclear Energy



Nickel Alloy and Inconel are two of the most robust and enduring materials that is also versatile enough so that it can be used in a wide variety of difficult and sensitive applications.

As an example, Inconel can even be found to be part of the core components of nuclear pressurised water reactors. Of all the nickel alloys out there, PetroTajhiz Kadoosan specifically specialises in two varieties; Inconel Alloy 625, which is made up of a minimum of %58 nickel, and Inconel Alloy 825, which is made up of between %46-38 nickel. Both of these products are known to perform very well in corrosive environments.

Mining & Minerals



Golden Metal products are used in a huge range of mining. Apart from corrosion resistance our Duplex, Super Duplex stainless steel pipes and flanges are strong, easy to clean, durable and flexible. We have been supplying stainless steel products to the mining industry for many years. This is because we work closely with our clients to ensure that we understand their requirements and are able to meet whatever testing specifications they have. We are confident that our stainless-steel products will continue to be a vital part of the mining industry for many years thanks to the durability, quality and longevity of the materials we source and supply.

BUTT WELD FITTINGS

Golden Metal offers a range of precision finished butt weld fittings to our customers, which ensure a continuous flow in both seamless and welded pipes systems. Long radius elbows, straight tees, equal tees as well as concentric and eccentric reducers are all available in a number of different sizes to match our clients' requirements.

Pipe fittings such as butt weld fittings, threaded fittings and socket weld fitting are essential parts of pipelines as they allow for:

All the butt weld fittings supplied by Golden Metal are designed in accordance to ASME standards. They can be sourced from specialised manufacturers in many different materials including Super Duplex, Nickel Alloy, Stainless Steel, Duplex or even %6 Moly.



Material	Carbon Steel, Stainless Steel and Other Austenic Steel
Type	Elbows, Tee, Concentric & Eccentric Reducers From Sch STD to Sch XSS
Material Grades	ASTM A 105N, ASTM A 350 LF2 / LF3, SS 304/304L, SS 316 / 316L, SS F321
Sizes	½" Thru 4"
Class	3000 Thru 9000
Manufactures Origin	West European, Asian

FLANGS



Material	Carbon Steel, Stainless Steels, Alloy Steel and Other Austenic Steel Grades
Type	Elbows, Tee, Concentric & Eccentric Reducers From Sch STD to Sch XSS
Material Grades	A106 GR. B / A53 GR. B / API 5L GR. B, X43, X52, X60, X65, ... / A 333 GR. 3 & GR. 6. SS A312 TP 304/304 L, 316 / 316L, F317, 321L, 310S
Sizes	½" To 84" – varying with material Grades
Schedule	STD Thru XXS – In Carbon Steel Sch 5S Thru Sch 160S – In Stainless Steel and other Austenic Steel grades
Manufactures Origin	Eastern, West European, Asian

Golden Metal can source and supply a range of pipe flanges that are made from premium quality materials including Duplex, Super Duplex and %6 Moly. All our flanges have been tested to the very highest of standards.

A flange is an external or internal ridge between two pipes that provides a method of connecting pipes, valves, pumps and other equipment to form an overall piping system.

In many applications, engineers need to find a way to close off a chamber or cylinder in a very secure fashion, usually because the substance inside must differ from the substance outside in composition or pressure. They do this by fastening two pieces of metal or other material together with a circle of bolts on a lip. This "lip" is a flange.



PIPE and TUBES

Golden Metal is a specialized supplier of duplex, super duplex and special alloys products. We have one of the largest stocks in the market of high performance pipes, fittings and flanges. This range of products includes seamless pipe, forged fittings and seamless welded pipes. It is worth mentioning that by having large warehouses in Oman, we can supply products to customers quickly and efficiently wherever they are needed.

This range of products includes seamless pipe, round bar, forged fittings and welded pipes. PetroTajhiz Kadoosan warehouses around the globe also stock a wide selection of 'semi-finished' products such as part machined flanges.

Our extensive stock holdings mean that we are able to supply clients with products quickly and efficiently, wherever they are required.

Material	Carbon Steel, Stainless Steels, Alloy Steel and Other Austenitic Steel Grades
Type	Elbows, Tee, Concentric & Eccentric Reducers From Sch STD to Sch XXS
Material Grades	A106 GR. B / A53 GR. B / API 5L GR. B, X43, X52, X60, X65, ... / A 333 GR. 3 & GR. 6. SS A312 TP 304/304 L, 316 / 316L, F317, 321L, 310S
Sizes	½" To 84" – varying with material Grades
Schedule	STD Thru XXS – In Carbon Steel Sch 5S Thru Sch 160S – In Stainless Steel and other Austenitic Steel grades
Manufactures Origin	Eastern, West European, Asian

Industrial valves are of various types such as Gate Valves, Globe Valves, Ball Valves, Butterfly Valves, Check Valves, Pressure Valves, and Diaphragm Valves etc. These valves perform various functions working on a different working principle. Ball Valves, used for flow control and whenever tight shut-off is required, have accounted for over %19 of the revenue share in 2014.

In the recent years, there is a huge demand for butterfly valves as they are used extensively in the automation, oil & gas industries. Check valves' are going to witness a sturdy growth, with a CAGR of over %7 in the next coming years. These unidirectional valves are used to evade the process flow from returning to the system, thereby preventing it from damaging the equipment and disrupting the process.

VALVES



Material	Carbon Steel, Stainless Steel
Material Grades	CS & SS
Types	SPIRAL WOUND, RING JOINT
Class	150 Thru 10,000
Manufactures Origin	West European, Asian

Gaskets

Industrial gaskets play a crucial role in sealing applications across various industries. Whether it's preventing leaks, maintaining pressure integrity, or ensuring the safety and efficiency of equipment, selecting the right gasket is paramount. In this comprehensive guide, we will delve into the world of industrial gaskets, exploring their types, applications, benefits, and proper installation practices. Industrial gaskets are sealing devices placed between two or more flange surfaces to prevent leakage and maintain a tight seal. These gaskets are designed to withstand high temperatures, pressures, and chemical exposures. They are widely available from reputable industrial gasket manufacturers who specialize in providing the best sealing solutions.



Material	Carbon Steel, Stainless Steel
Material Grades	CS & SS
Types	SPIRAL WOUND, RING JOINT
Class	150 Thru 10,000
Manufactures Origin	West European, Asian

Instruments



Material	Carbon Steel, Stainless Steel
Material Grades	
Types	
Class	
Manufactures Origin	

Accurate insight fittings are essential components in various industries, ensuring precise and leak-free connections in fluid and gas systems. These fittings play a critical role in facilitating the safe and efficient transfer of substances, such as liquids or gases, from one point to another within industrial processes. With a wide range of applications in industries like oil and gas, chemical, pharmaceutical, and manufacturing, instrument fittings are crucial for maintaining operational integrity and accuracy.

Designed to handle high pressures, extreme temperatures, and corrosive environments, instrument fittings are manufactured using durable materials such as stainless steel, brass, and various alloys.



Material	Carbon Steel, Stainless Steel
Material Grades	CS & SS
Types	Full Threaded with Heavy Hex Nuts
Manufactures Origin	West European, Asian

BOLTS and NUTS

Bolts and nuts are fundamental components in the industrial landscape, playing a crucial role in connecting various structures and equipment securely.

Bolts are threaded fasteners with a head that allows them to be tightened using a wrench or similar tool, while nuts are threaded counterparts that serve to secure the bolt in place. This combination provides a reliable and adjustable connection that can be easily assembled and disassembled when needed. In industries ranging from construction to manufacturing and automotive, bolts and nuts are used to join materials together, ensuring structural integrity and operational functionality. These products come in a wide range of sizes, materials, and thread types to suit specific requirements.

FORGE FITTINGS

All of the steel forged fittings that Golden Metal supplies are corrosion resistant and designed to operate in high-pressure environments. By 'steel', we are referring to stainless steel, duplex, super duplex and 1/6 Moly. Forged steel fittings are available in both threaded and socket weld end connections. Forged steel fittings are the fittings made by forged steel. The manufacturing process of forged steel fittings is detailed below. The manufacturers and mills that we source our forged fittings from are some of the most reputable in the industry. They work to the most exacting standards to ensure the quality of the products that they forge.



Material	Carbon Steel, Stainless Steel
Material Grades	
Types	
Class	
Manufactures Origin	



High quality exotic piping products from approved manufacturers.



Office U, Al Madina Buissiness center, 4th floor, Block 6
Muscat Grand Mall, Al Khuwair, Muscat, Sultanate of Oman

www.goldenmetalco.com info@goldenmetalco.com

+968 71898939 | +968 22323549