

الخليج للمثبتات والصناعات الحديدية GULF FASTENERS & METAL INDUSTRIES



# A Bond That Holds Fast !

#### About Us:

Gulf Fasteners specializes in the manufacturing, stocking, and distribution of petrochemical grade bolting and special fasteners tailored for the Oil, Gas, and Petrochemical industries.

Our cache of machineries and equipment positions **Gulf Fasteners** as avantgarde in fastener manufacturing within the MENA-APAC region. This allows us to consistently deliver innovative premium products to our esteemed clientele, meeting stringent timelines and quality standards.

Backed by extensive experience in serving global OEMs, distributors, and end-users across the Petrochemical and Oil and Gas sectors, **Gulf Fasteners** offers an inclusive service encompassing logistical supply and fastener solution management. Understanding the vital importance of quality and safety in such services, we ensure full traceability of our products.

**Gulf Fasteners'** stud bolt and fastener assemblies find application in the many Petrochemical and Oil and Gas installations including pressure vessels, skids, heat exchangers, pumps, valves, actuators, wellheads, pipeline fabrications, petrochemical plants, and drilling equipment.

#### Approved Fastener Manufacture for:









#### We specialize in manufacturing high-performance fasteners and precision-engineered components for the global energy markets.

From our headquarters in the Sultanate of Oman, we leverage a global network of manufacturing and distribution facilities to serve customers across America, Europe, the Middle East, Central and South East Asia, and Australia.

Our commitment to excellence is evident through continual investments in world-class manufacturing facilities equipped with state-of-the-art CNC machining, hot forging, and thread rolling capabilities. With a comprehensive inventory of fully certified raw materials, semi-finished, and finished components, we are capable of a prompt and reliable supply to meet customer demands.

In addition to our extensive stock holding of standard products and machinable blanks, we offer a wide range of engineered machined components for customised projects and our expertise extends to providing customer-specific designed parts in various materials including Mild, Carbon and alloy steel, Aluminum, Bronze, Brass, Stainless steel, Titanium, Duplex, and High nickel alloys.

#### **ISO** Certification:



#### **Our Clients**



## **Our Products**

#### Stud Bolts / Heavy Hex Bolts



	ASTM A320-L7, L7M	1/4" to 4" / M4 to 64
	ASTM A193-B7, B7M, B5, B6, B16, B8, B8M, B8C, B8T	1/4" to 4" / M4 to 64
	ASTM 453 660 A, B, C & D	1/4" to 4" / M4 to 64
	ASTM 450 B21	1/4" to 4" / M4 to 64
	ASTM B637 (N07080, N07725, N09925)	1/4" to 4" / M4 to 64
	ASTM A182 (UNS S31803, UNS S32760)	1/4" to 4" / M4 to 64
1	ASTM A325 A, B, C & D	M12 to 36
	ASTM A307 A, B & C	1/4" to 4"

#### **Heavy Hex Nuts**

# ASTM A194-2H, 2HM, 6, 7L, 7ML,6, 16, 8, 8M, 1/4" to 4" ASTM A194- 6, 8, 8M, 8C, 8T (Class 1 & Class 2) 1/4" to 4" ASTM 453 660 A, B, C & D 1/4" to 4" ASTM 6637 (N07080, N07725, N09925) 1/4" to 4" ASTM A182 (UNS S31803, UNS S32760) UNS 1/4" to 4" ASTM A563, A, B, C, &S, DH, 10S 1/4" to 4" (M12 to M36)

#### **Hex Bolts**



BS 4190 / BS 3692 / ISO 898-1 Class 4.8, 8.8,10.9,12.9	M4 to M64
ISO 3506-1 A2-50, A2-70, A2-80	M4 to M64
ISO 3506-1 A4-50, A4-70, A4-80	M4 to M64
DIN 931, DIN 933	M4 to M64

#### Structural U Bolts

	ISO 898-1 Class 4.6, 4.8 8.8,10.9,12.9	M6 to M64
	BS 10025 S275JR, S335JR	M6 to M50
	ASTM A325/A307 A, B, C & D	M12 to 36
	ISO 3506-1 A2-50, A2-70, A2-80	M4 to M64
94	ISO 3506-1 A4-50, A4-70, A4-80	M4 to M64

#### **Hex Nuts**

5 m 2	ISO 898-
	ASTM 45
	ASTM AS
	ISO 3506
	ISO 3506
	DIN 934

# ISO 898-2/ISO 4014 8, 10, 12 1/4" to 4" ASTM 453 660 A, B, C & D 1/4" to 4" ASTM A563, A, B, C, 8S, DH, 10S 1/4" to 4" (M12 to M36) ISO 3506-1 A2-50, A2-70, A2-80 M4 to M64 ISO 3506-1 A4-50, A4-70, A4-80 M4 to M64

Washer

ISO 7089, ISO 898-3, ISO 4302

DIN 125A, DIN 127, DIN 887

AISI 304,310,316,321 & 347

ASTM F436/F436M

M4 to M64



#### Round Bars / Anchor Bolts

(Types-	L, J,	Plate	& Sleeve	Welded)
(1) PCS	-, -,	- ince	a bicere	"" ciacaj

6 to M50
6 to M50
6 to M50
12 to M50

#### **Coating Surface Protection Standard**

	ASTM B633	B633 Zinc Plating & Zinc Yellow Passivation	
٦	ASTM B841	Zinc & Zinc Nickel plating	
-	ISO 4042	Electroplated coatings	
	ASTM F2329	Hot Dip Galvanized (HDG)	
1	ISO 10684	Hot Dip Galvanized (HDG)	
_	XYLAN 10 Series	1070	
	XYLAN 14 Series	1424	
_	MESC SPE 81/007	COATING REQUIREMENTS FOR BOLTS AND NUTS	

We are the sole authorised PDO approved PTFE coating facility in Oman

1/4" to 4" / M4 to M64

1/4" to 4" / M4 to M64

1/4" to 4" / M4 to M64

M4 to M64

#### **Testing Facilities:**

#### **Mechanical**

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Tensile/ Tension test

Hardness (HRB & HRC)

**Profile Projector** 

#### Chemical

Belec OES Spectrometer

#### Metallography

Inverted Microscopy

#### Corrosion / Salt spray testing

Salt spray fog testing ASTM B117

#### **Bespoke Sizes Available For The Below Grades**

Standards	Petrochemical Standard/Grades		Stainless Steels	Commercial Standard/Grades	Surface Protection
British ASTM A193 B7 AS		ASME B18.2.1	Duplex UNS 31803	ISO 898-1 4.6	Coatings
Standards:	ASTM A193	ASME B1.1	Super Duplex	ISO 898-1 8.8	XYLAR 1
	B7M	ASME B18.2.2	UNS32760 Inconel	ISO 898-1 10.9	XYLAR 2 F1197
BS 1083	ASTM A320 L7	ASME B16.5	625/718/825/925	ISO 898-1 12.9	XYLAN 10 Series (1070)
BS 2693	ASTM A320	ASME B1.13	Hastelloy C276/C22	ISO 898-2 8	XYLAN 14 series
BS 4439	L7M	ASME B18.2.6	Monel 400/K500	ISO 898-2 10	Everslik 1201
BS 4882	ASTM A193 B6	ASME B18.18	Titanium 2/5	ISO 898-2 12	(Everlube)
BS 10025	ASTM A193 B16	ASME BPVC	Brass	ISO 898-3 CS	Everslik 1301
BS 4190	ASTM A320 L43	Section II part A-1	Super SS 31254	ISO 3506-1 A2-50	(Everlube)SermaGard
BS 4395	ASTM A193 B8	ASME BPVC	(254SMO)	ISO 3506 <mark>-1 A</mark> 2-70	Molybdenum Disulfide
BS 4604	ASTM A193	Section II part A-2	AISI 304	ISO 350 <mark>6-1 A</mark> 2-80	Zinc Plating
	B8M		AISI 316	ISO 3506-1 A4-50	Zinc Nickel Plating
DIN	ASTM A193 B8C	MESC	AISI 310	ISO 3506-1 A4-70	Zinc Nickel Cadmium-
Standards:	ASTM A193 B8T	<b>Specification</b>	AISI 321	ISO 3506-1 A4-80	Phosphate
	ASTM A453 660		AISI 347	ISO 7089	Electroplating-
DIN 933	ASTM A450 B21	MESC SPE 81-001	AISI 410	ISO 4017	Galvanized
DIN 934	ASTM A194 2H	MESC SPE 81-002		ISO 4014	Hot Dip Galvanized
DIN 931	ASTM A194	MESC SPE 81-006		ISO 4032	Black Oxide
DIN 835	2HM	MESC SPE 81-007		ISO 4302	
DIN 938	ASTM A194 7	MESC SPE 81-010		ISO 965-1	
DIN 939	ASTM A194 7M			ISO 965-2	
DIN 940	ASTM A194 6			ISO 272	
DIN 2509	ASTM A194 16			ISO 4042	
DIN 2510	ASTM A194 43				
DIN 125	ASTM A194 8				
DIN 887	ASTM A194 8M				
	ASTM A194 8C				
	ASTM A194 8T				
	ASTM B637				
	ASTM B425				
	ASTM A307				
	ASTM A563				
	ASTM A29				
	ASTM A325				
	ASTM A36				



### الخليج للمثبتات والصناعات الحديدية

**GULF FASTENERS & METAL INDUSTRIES** 

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