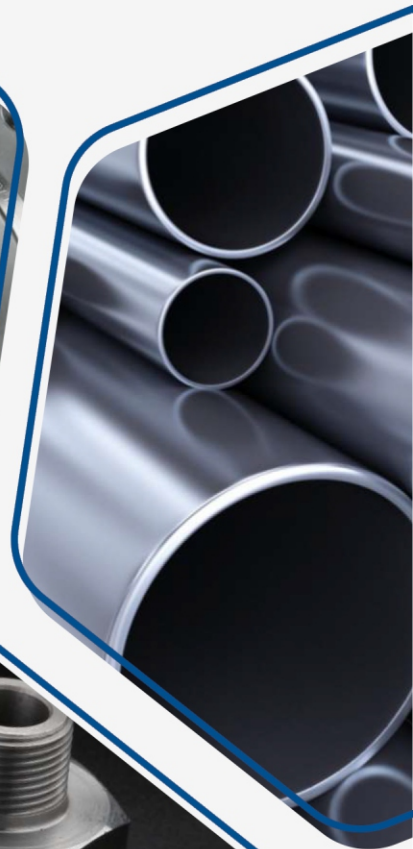




# UNIQUE ENGINEERING

An PED & ISO 9001:2008 Certified Company (TUV)

## QUALITY PRODUCTS





# UNIQUE ENGINEERING

## Flanges

Types of Flanges: Slip On Flanges, Weld Neck Flanges, Socket Weld Flanges, Blind Flanges, Spectacle Blind Flanges, Lap Joint Flanges, Reducing Flanges, Threaded Flanges, Square Flanges, Long Neck Weld Flanges, Expander Flange, Spade and Ring Spacer Flange, Weldo Flange / Nipo Flange, Orifice Flanges, Loose Flanges, High Hub Blind Flanges, Screwed Flanges, Plate Flanges.

**Flange Face Type:** Raised Face, Flat Face, Ring Joint, Male and Female, Tongue and Groove, Lap Joint

**Flange Finish:** Smooth, Serrated, Stock

**Pressure Class:** 150#, 300#, 400#, 600#, 900#, 1500# and 2500#, PN6, PN10, PN16, PN25, Pn40, and PN64.

**Size:** 1/2" (15 NB) to 48" (1200NB)

**Carbon Steel:** ASTM A105, ASTM A350 LF1/2, ASTM A181

**Alloy Steel:** ASTM A182F1 /F2 /F5 /F7 /F9 /F11 /F12 /F22

**Stainless Steel:** ASTM A182 F304/ F304L/ F304H/ F316/ F316L/ F317/ F317L/ F321/ F310/ F347/ F904L/ etc.

**Duplex Steel:** S31803 / S32205

**Super Duplex Steel:** S32750 S32760

**Titanium:** 1/2 /3 /4 /5 /7

### High Nickel Alloy:

**Monel:** ASTM / ASME SB 564 400 /K500

**Inconel:** 600 /601 /625 /800 /825 /718

**Hastelloy:** C4 /C22 /C276 /B2 /B3

**Nickel:** 200/201

**Cupro-Nickel:** 70/30, 90/10, 95/5





# UNIQUE ENGINEERING

## Fasteners

**Type of Fasteners:** Bolts, Screws, Nuts, Washers, Rivets, Concrete Anchors, Inserts, Threaded Rod, Retaining Rings, Hex Head Bolts, Square Bolts, U bolts, Eye bolts, T bolt, Hex Bolt, Lag Bolts, Counter sunk Bolts, Hex Head nuts, Square nuts, Lock nuts, Eye nuts, wing nuts, T nuts, Panel Nuts, Coupling Nuts, Dome nuts, Acorn Nuts, Flat Washer, Lock Washer, Sealing Washer, Split Washer, Slot Washer, Machine Washer, Star Washer Springs – Wire Spring & Flat Spring.

**Stainless Steel:** ASTM A193 304/ 304L/ 304H/ 316/ 316L/ 317/ 317L/ 321/ 310/ 347/ 904L/ etc.

**Carbon Steel:** Grade A/ B / C

**Alloy Steel:** B6 / B7 / B7M / B16 / 2 / 2HM / 2H / GR 6/ GR 7 / GR 7M

### High Nickel Alloy:

**Inconel:** 600 /601 /625 /800 /825 /718

**Hastelloy:** C4 /C22 /C276 /B2 /B3

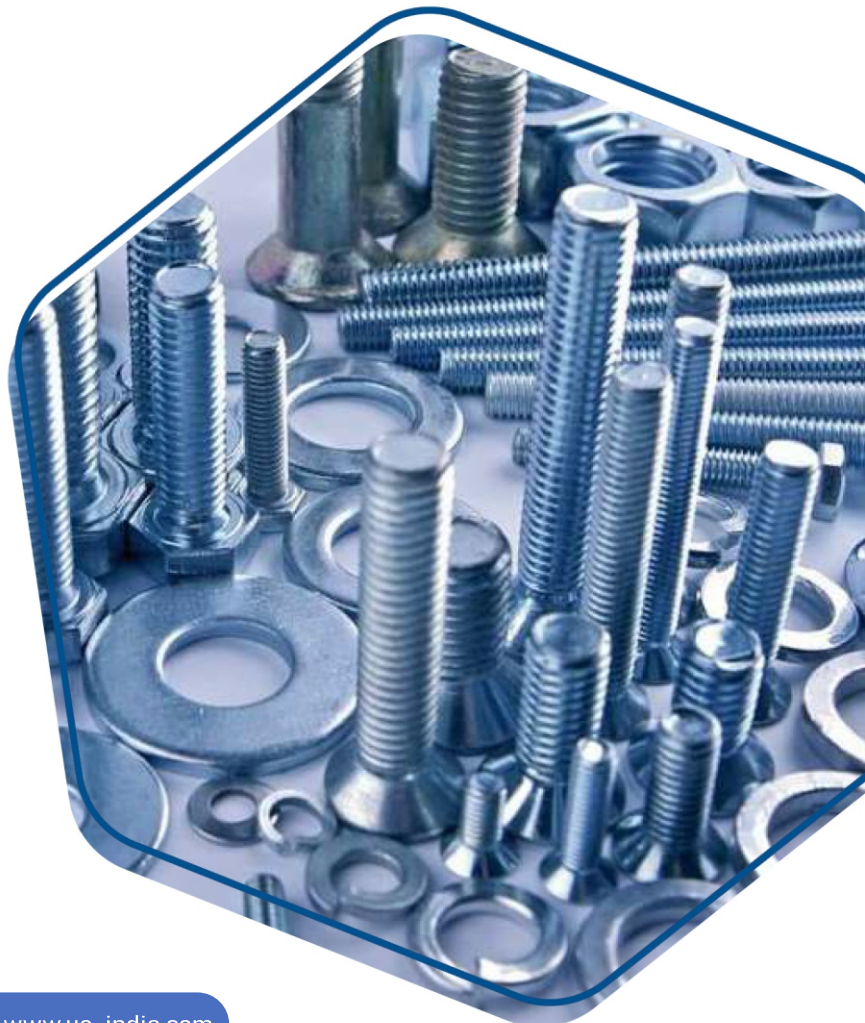
**Nickel:** 200/201

**Cupro-Nickel:** 70/30, 90/10, 95/5

**Duplex Steel:** S31803 / S32205

**Super Duplex Steel:** S32750 S32760

**Titanium:** 1 /2 /3 /4 /5 /7



## Buttweld Fittings

Unique Engineering is a dynamic group, which was established over a decade ago to cater to growing demands of ASME B16.9 Buttweld Fittings standards in Elbow, Tee, Cross, Reducers, Nipple, Coupling etc in all materials like Stainless Steel, Carbon Steel & High Nickel Alloys. We Manufacture, Export and Supply Buttweld Fittings which meets with national and international quality standards and producing base which owns equipments conforming to international technical level and is well equipped with a whole set of advanced plasma refining equipments. We manufacture all 3 groups of Fittings such as Buttweld (BW) fittings, Socket Weld (SW) fittings & Threaded (THD) fittings as per ASME B16.11 standards & other International standards. We export our high quality ASME B16.9 Buttweld Fittings to Kuwait, Egypt and Qatar..

**Sizes:** 1/2" TO 36" (SEAMLESS UPTO 24") (WELDED 8" TO 36" )

**Standards:** ASME / ANSI - B 16.9

ASTM A403 - ASME SA403 - 'Standard Specification for Wrought Austenitic Stainless Steel Piping Fittings' API 590-605

**ASME B16.9** - 'Factory-Made Wrought Buttwelding Fittings'

**ASME B16.25** - 'Buttwelding Ends'

**ASME B16.28** - 'Wrought Steel Buttwelding Short Radius Elbows and Returns'

**MSS SP-43** - 'Wrought and Fabricated Butt-Welding Fittings for Low Pressure, Corrosion Resistant Applications'

**Schedule:** Sch 5 TO Sch XXS.

**Thickness:** Schedule 5S, 10S, 20S, S10, S20, S30, STD, 40S, S40, S60, XS, 80S, S80, S100, S120, S140, S160, XXS and etc.

**Type:** Buttweld (BW)

**Material and Grades:**

**Carbon Steel:**

ASTM A234 Gr. WPB  
ASTM A420 Gr. WPL6  
ASTM A105  
ASTM A350 Gr. LF2

**Stainless Steel:**

ASTM A403 WP316/316L  
ASTM A403 WP304/304L  
ASTM A182 F316L, 304L0  
Titanium: 1 / 2 / 3 / 415 / 7





# UNIQUE ENGINEERING

## Forged Fittings

Threaded Fittings, Socketweld Fittings, 90 Deg Threaded Elbow, 45 Deg Threaded Elbow, Threaded Equal Tee, Threaded Unequal Tee, Threaded Equal Cross, Threaded Unequal Cross, Threaded Pipe Cap, Threaded Union, Threaded Full Coupling, Threaded Half Coupling, Threaded Reducing Coupling, Hex Nipple, Hex Head Plug, Square Head Plug, Hex Head Bushing, Swage Nipple, 90 Deg Socket weld Elbow, 45 Deg Socket weld Elbow, Socket weld Equal Tee, Socket weld Unequal Tee, Socket weld Equal Cross, Socket weld Unequal Cross, Socket weld Pipe Cap, Socket weld Union, Socket weld Full Coupling, Socket weld Half Coupling, Socket weld Reducing Coupling, etc.

**Pressure Class:** 2000#, 3000#, 6000#, 9000#

**Sizes:** 1/8 and 4 inches

**Stainless Steel:** ASTM A182 F304/ F304L/ F304H/ F309S/ F309H/ F310S/ F310H/ F316/ F316Ti/ F316H/ F316L/ F317/ F317L/ F321/ F321H/ F347/ F347H/ F904L

**Carbon Steel:** ASTM A105/A694/ A350 LF3/A350 LF2

**Alloy Steel:** ASTM A182 F1/ F5/ F9/ F11/ F22/ F91

**High Nickel Alloy:**

**Inconel:** 600 /601 /625 /800 /825 /718

**Hastelloy:** C4 /C22 /C276 /B2 /B3

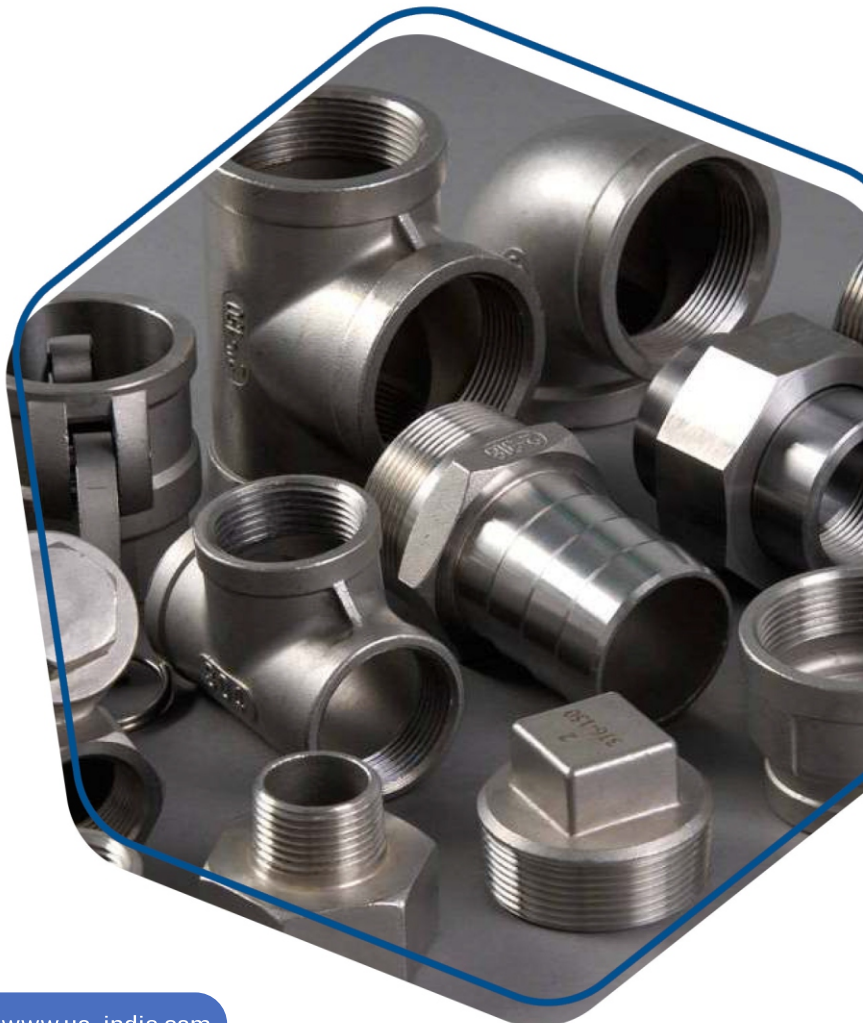
**Nickel:** 200/201

**Cupro-Nickel:** 70/30, 90/10, 95/5

**Duplex Steel:** S31803 / S32205

**Super Duplex Steel:** S32750 S32760

**Titanium:** 1 /2 /3 /4 /5 /7





# UE UNIQUE ENGINEERING

An PED & ISO 9001:2008 Certified Company (TUV)

**Manufacturers & Stockist of**  
Flanges & Fasteners,  
Grade B7/2H (Studs / Bolts - Nuts),  
Forged Flanges

**Regd. Office:**

17, Plot No. 74/96, Sitafalwadi,  
Dr. Mascarenhas Road, Mazgaon,  
Mumbai 400 010.

**Contact:** +91 9322024404

**Unit I:**

86, Dr. Mascarenhas Road,  
Sitafalwadi, Mazgaon, Mumbai 400 010.

**Contact:** +91 7304448323

**Unit II:**

E-10/2, M.I.D.C., Taloja 410 206.  
(Dist. Panvel / Raigad).

**Contact:** +91 9320424404

✉ [sales@uniqueforges.com](mailto:sales@uniqueforges.com)

🌐 [www.uniqueforges.com](http://www.uniqueforges.com)  
[www.ue-india.com](http://www.ue-india.com)