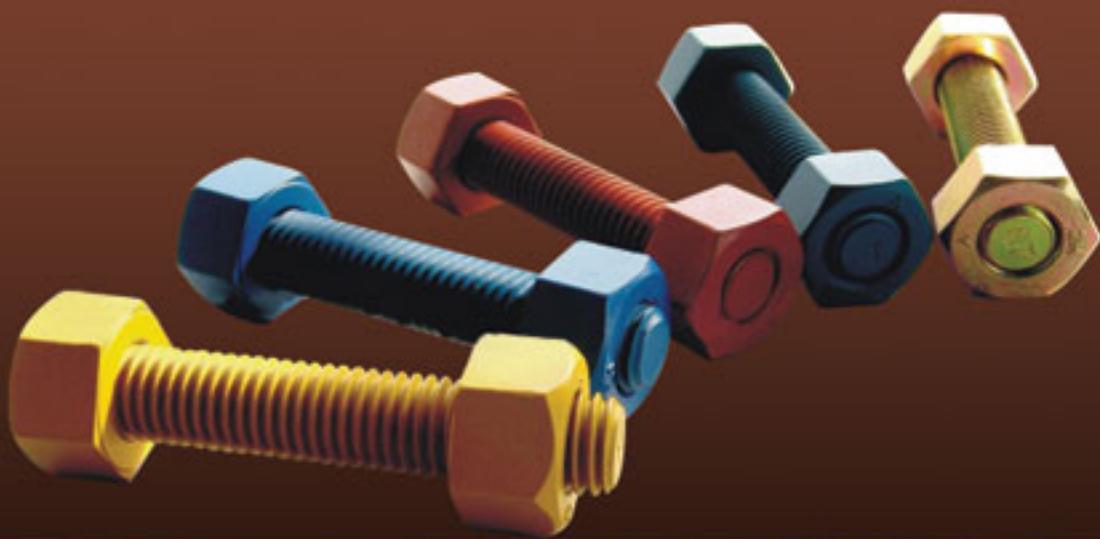




# OMAN OCEAN

## TRADING L.L.C.

المحيط العماني للتجارة (ش.ذ.م.م)



*Excellence  
Through Service*



[www.omanocean.com](http://www.omanocean.com)







## International Industrial Certification

### OMAN OCEAN TRADING L.L.C

P.O. BOX 172331, 106 1ST FLOOR LILLY CENTER, BANIYAS  
SQUARE, DEIRA, DUBAI, U.A.E

This is to certify that the Quality Management System of the above mentioned  
company meets the requirement of

### ISO 9001 : 2008

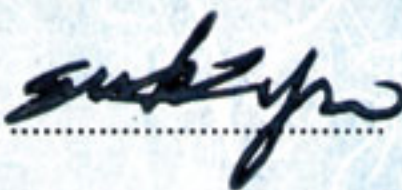
Scope

**MANUFACTURING AND TRADING OF FASTENERS**

ANZSIC code : 2762

Certificate number : JU-1285  
Date of initial approval : 20 July 2009  
Expiry : 20 July 2011

Approved by .....



*This certificate is a property of IIC and valid only if regulatory surveillance audit is  
conducted within the required time.*



**Main Office**  
8F, Gayang Technotown  
1487 Gayang 3-Dong  
Gangseo-Gu, Seoul, 157-793, Korea  
Tel : +82-(0)2-6097-9001~4  
Fax : +82-(0)2-6097-9005

**Regional Office Middle East**  
P.O. Box No. 108967,  
Abu Dhabi, U.A.E.  
Tel : +971-(0)2 6713980  
Fax : +971-(0)2 6713982

Accreditation by the Joint Accreditation System of Australia and New Zealand.  
[www.jas-anz.org/register](http://www.jas-anz.org/register)



**Schäfer + Peters GmbH**

Rost- und säurebeständige Verbindungselemente  
Stainless steel fasteners



WE HEREBY APPOINT

OMAN OCEAN TRADING LLC  
P.O.BOX 172331,  
DUBAI.

AS OUR

*AUTHORIZED DEALER*

IN THE UAE FOR MARKETING OUR RANGE

OF

*STAINLESS STEEL FASTENERS.*

FOR SCHAFFER & PETERS GMBH.

**Schäfer + Peters GmbH**

Zeilbaumweg 32  
74618 Öhringen  
Tel.: 0 79 41 / 60 94 - 0  
Fax: 0 79 41 / 60 94 - 70  
Tlx.: 74 134  
R.H.ASNANI.

**Bankverbindungen:**

Sparkasse Hohenlohekreis  
Commerzbank Heilbronn

(BLZ 622 515 50) Konto-Nr. 11 075  
(BLZ 620 400 60) Konto-Nr. 3 190 378 00

**BIC-Code:**

SOLA DE 51 KUN  
COBA DE FF 620

**IBAN:**

DE12622515500000011075  
DE92620400600319037800

**Geschäftsführung:**

Gerhard Schäfer, Helmut Peters  
Registergericht: Schwäbisch Hall HRB 350 0  
Gerichtsstand Öhringen

## Company Profile

Oman Ocean Trading L.L.C. is an **ISO 9001-2008** certified company and headquartered in Dubai. The Company has established a track record of leadership over a decade. With a diversified product line and motivated team of talented people, Oman Ocean has become a supplier of choice to leading customers in the automotive and industrial segments.

The product range consists of high-tensile fasteners, hardware, safety items, foundry - couplings, pulleys, sprockets. Over the years, the Company has acquired cutting-edge technological competencies in forging, metal forming, close-tolerance machining, heat treatment, surface finishing and assembly.

Manufacturing locations are supported by engineering and design personnel working on new product design and development. Understanding the global nature of business and the need to provide quality products on "just in time" basis to customers.

At Oman Ocean, growth is a natural outcome of total adherence to three core operating principles: customer orientation, total quality and ethical business practices.





Fasteners



Hex head bolts  
DIN 931



Hex set screws  
DIN 933



Slotted hex set screws  
DIN 933 SZ



Hex head bolts  
ISO 4014



Slotted cheese head screws  
DIN 84



Slotted pan head screws  
DIN 85



Slotted csk head screws  
DIN 963



Slotted rhd head screws  
DIN 964



Hex set screws  
ISO 4017



Socket cap screws low head  
DIN 6912



Csk head screws TX  
DIN 7991 TX



Cross recessed csk head screws  
DIN 965 PH



Hex head flange bolts  
DIN 6921



Socket cap screws low head  
DIN 7984



Button head screws  
Art-Nr. 9053



Cross recessed csk head screws  
DIN 965 PZ



Socket cap screws  
DIN 912



Hex socket csk head screws  
DIN 7991



Button head flange screws  
Art-Nr. 9084



Csk head screws Tx  
DIN 965 Tx



Cross recessed rhd head screws  
DIN 966 PH



Eye bolts  
DIN 444



Wing screws, American type  
Similar DIN 316



Knurled thumb nuts, thin  
DIN 467



## Fasteners



Cross recessed rsd head screws  
DIN 966 PZ



Carriage bolts  
DIN 603



Wing screws  
DIN 316



Knurled thumb screws, thin  
DIN 653



Cross recessed ph screws  
DIN 7985 PH



Fully threaded rods  
DIN 975



Slotted ph screws, small head  
DIN 920



Cross recessed ph screws  
DIN 7985 PZ



Belting bolts  
DIN 15237



Slotted capstan screws  
DIN 404



Slotted ph screws, large head  
DIN 921



Pan head screws TX  
DIN 7985 TX



Slotted screws poeliers  
Art. -Nr. 9056



Knurled thumb screws, high  
DIN 464



Slotted ph Screws with shoulder  
DIN 923



T - bolts  
DIN 186



Wing nuts, American type  
Similar DIN 315



Knurled thumb screws, high, slotted  
DIN 465



Hex socket pipe plugs  
DIN 906



T - bolts  
DIN 188



Wing nuts  
DIN 315



Knurled thumb nuts, high  
DIN 466



Hex socket pipe plugs  
DIN 908



Hex head pipe plugs  
DIN 910





## Fasteners



Engineers studs  
DIN 835



Engineers studs  
DIN 938



Engineers studs  
DIN 939



Pipe nuts  
DIN 431



Hex thin nuts  
DIN 439



Slotted round nuts  
DIN 546



Slotted set screws dog point  
DIN 417



Slotted set screws flat point  
DIN 551



Hex socket set screws cone point  
DIN 914



Square nuts  
DIN 557



Slotted headless screws  
DIN 427



Slotted set screws cone point  
DIN 553



Hex socket set screws dog point  
DIN 915



Square thin nuts  
DIN 562



Slotted set screws cup point  
DIN 438



Hex socket set screws flat point  
DIN 913



Hex socket set screws cup point  
DIN 916



Square weld nuts  
DIN 928



Hex weld nuts  
DIN 929



Lock-nuts high type  
DIN 982



Comby-nuts  
Art.-Nr.9085



Round coupler nuts  
Art.-Nr.9070



Hex nuts  
DIN 934



Lock-nuts low type  
DIN 985



## Fasteners



Hex cap nuts  
DIN 917



Hex coupler nuts  
Art.-Nr. 9071



Hex castle nuts, slotted  
DIN 935



Nyloc domed cap nuts  
DIN 986



Hex domed cap nuts,  
High type  
DIN 1587



Lifting eye bolts  
DIN 580



Hex thin nuts  
DIN 936



Hex nuts  
ISO 4032



Hex nuts 1,5d  
DIN 6330



Lifting eye nuts  
DIN 582



Thin hex castle nuts, slotted  
DIN 937



Hex flange nuts  
DIN 6923



Hex nuts 1.5d, with collar  
DIN 6331



Butterfly nuts  
DIN 80701



Thin hex castle nuts, slotted  
DIN 979



"L" - weld - on nuts  
Art.-Nr. 9060



Hex nuts 3d  
DIN 6334



Bow nuts  
DIN 80704



All metal lock - nuts  
DIN 980



Insert - press nuts  
Art.-Nr. 9064



Case nuts  
Art.-Nr. 9061



Tabwashers with 1 tab  
DIN 93



Washers  
DIN 125



Spring lock washers  
DIN 127 B





## Fasteners



Spring washers, heavy duty  
DIN 128



Tab washers with internal tab  
DIN 462



Tab washers with 2 tabs  
DIN 463



Washers for wood constructions  
DIN 1052



Washers for clevis pins  
DIN 1440



Curved spring washers  
DIN 137 A



Washers  
DIN 433



Square washers  
DIN 436



Washers for clevis pins  
DIN 1441



Wave spring washers  
DIN 137 B



Square taper washers  
DIN 434



Washers for wood constructions  
DIN 440 R



Disc springs  
DIN 2093



Washers with external tab  
DIN 432



Square taper washers  
DIN 435



Washers for wood constructions  
DIN 440 V



Conical spring washers  
DIN 6796



Toothed lock washers  
DIN 6797



Spring lock washers  
DIN 7980



Retaining rings for shafts  
DIN 471



Csk head rivets  
DIN 661



Toothed lock washers  
DIN 6797 I



Washers for steel constructions  
DIN 7989



Retaining rings for bores  
DIN 472



## Fasteners



Adjusting rings  
DIN 705



Serrated lock washers  
DIN 6798 A



Body washers  
DIN 9021



Retaining washers for shafts  
DIN 6799



Nails plain head  
DIN 1151



Serrated lock washers  
DIN 6798 I



Washers  
Art.-Nr. 9054



Taper pins  
DIN 1



Grooved pins  
DIN 1471



Serrated csk lock washers  
DIN 6798 V



Sealing washers  
Art.-Nr. 9055



Cylindrical pins  
DIN 7



Grooved pins  
DIN 1472



Heavy washers  
DIN 7349



Rosetten turned, full body  
Art.-Nr. 9081



Cotter pins  
DIN 94



Grooved pins  
DIN 1473



Pal nuts  
DIN 7967



Round head rivets  
DIN 660



Grooved pins  
DIN 1474



Grooved pins  
DIN 1475



Grooved pins  
DIN 1476



Slotted spring pins  
DIN 1481



Spiral pins  
DIN 7343





## Fasteners



Cross recessed pan head  
Wood screws  
DIN 7996



Cross recessed csk  
Wood screws  
DIN 7997



Chippboard screws with  
drilling point  
Art. Nr. 9044 TX



Pan head chipboard screws TX  
Art. Nr. 9045 TX



Split pins type "Beta"  
DIN 11024



Slotted rsd wood screws  
DIN 95



Hex wood screws  
DIN 571



Rsd chipboard screws TX  
Art. Nr. 9046 TX



Blind rivets  
Art. Nr. 9052 TX



Slotted pan head  
wood screws  
DIN 96



Hex wood screws  
with flange  
Art. Nr. 572



Csk chipboard screws TX  
Art. Nr. 9047 TX



Slotted csk wood screws  
DIN 97



Cross recessed rsd  
wood screws  
DIN 7995 PZ



Cross recessed pan head  
chipboardscrews  
Art. Nr. 9048 PZ



Cross recessed rsd chipboard screws  
Art. Nr. 9049 PZ



Countersunk head chipboard screws TX  
Art. Nr. 9047 TX



Cladding screws  
Art. Nr. 9092



Pan head selfdrilling screws  
DIN 7504 M PH



Cross recessed csk chipboard screws  
Art. Nr. 9050



Dowel screws  
Art. Nr. 9082



Csk selfdrilling screws  
DIN 7504 O PH



Hinge tape chipboard screws  
Art. Nr. 9063



Hinge-strip screws  
Art. Nr. 9083



## Fasteners



Selftapping inserts  
Art. Nr. 9058



Slotted pan head tapping screws  
DIN 7971



Tapping screws with cap head  
Art. Nr. 9065



Rsd wood screws TX + washers  
Art. Nr. 9087-2-0 TX



Pan head taplite screws  
DIN 7500 C PZ



Slotted csk tapping screws  
DIN 7972



Window-board-screws  
Art.-Nr. 9066



Rsd wood screws TX+washers  
Art.-Nr. 9087-3-0 TX



Csk taplite screws  
DIN 7500 M PZ



Slotted rsd tapping screws  
DIN 7973



Cross recessed rsd wood screws+washers  
Art.-Nr. 9067-2-0



Csk plastide screws  
Art.-Nr. 9090



Hex self drilling screws  
DIN 7504



Cross recessed pan head tapping screws  
DIN 7981



Cross recessed rsd wood screws+washers  
Art.-Nr. 9067-3-0



Pan head plastide screws  
Art.-Nr. 9091



Hex self drilling screws+washers  
DIN 7504



Cross recessed pan head tapping screws  
DIN 7981 PZ



Pan head tapping screws TX  
DIN 7981 TX



Crossed csk tapping screws  
DIN 7982 PH



Crossed csk tapping screws  
DIN 7982 PZ



Csk tapping screws TX  
DIN 7982 TX



Welding bolts  
DIN 3250 1/3



Screw eyes  
Art.-Nr. 9078





## Fasteners



Screw eyes  
Art. Nr. 9079



Cup hooks  
Art. Nr. 9080



Cross recessed rsd tapping  
screws DIN 7983 PH



Hex socket head tapping screws  
Art. Nr. 9051



Self sealing cladding screws  
16mm Art. Nr. 9057



Self sealing cladding screws  
19mm Art. Nr. 9059



Cross recessed rsd tapping  
screws DIN 7983 PZ



Self sealing cladding screws 16mm  
Art. Nr. 9057 BZ



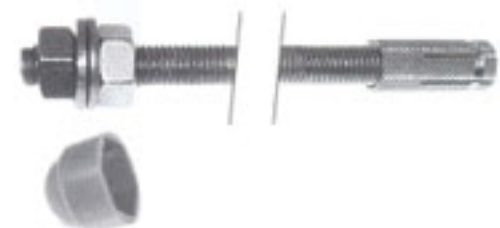
Self sealing cladding screws 19mm  
Art. Nr. 9059 BZ



Rsd tapping screws TX  
DIN 7983 TX



Hex head tapping screws  
DIN 7976



Studs with brass anchor  
Art. Nr. 9062 TX



Quick link for chains  
Art. Nr. 9077



Wire rope  
Art. Nr. 8378 1x19



Snap hooks  
Art. Nr. 9075



Security screws Two-Holes-Drive  
Art. Nr. 130050 - 137960



Security screws PIN-HEX  
Art. Nr. 130050 - 137960



Soft wire rope  
Art. Nr. 8379 7x7



Shackles straight "D"  
Art. Nr. 9076



Security screws Two-Holes-Drive  
Art. Nr. 130050 - 137960



Security screws PIN-HEX  
Art. Nr. 130050 - 137960



Wire rope for guardrails  
Art. Nr. 8381 7x7



Hose - clamps  
DIN 3017



Security screws Two-Holes-Drive  
Art. Nr. 130050 - 137960



## Fasteners



Security screws PIN-TX  
Art. Nr. 130050 - 137960



Wire rope for halyards  
Art. Nr. 8382 7x19



Long link round chains  
DIN 763



Security screws Two-Holes-Drive  
Art. Nr. 130050 - 137960



Art. Nr. 130050 - 137960  
Security screws PIN-TX



Turnbuckle  
Art.-Nr. 9072



Short link round chains  
DIN 766



Security screws Two-Holes-Drive  
Art. Nr. 130050 - 137960



Security screws PIN-TX  
Art. Nr. 130050 - 137960



Wire rope thimbles  
Art.-Nr. 9073



Security screws PIN-HEX  
Art. Nr. 130050 - 137960



Security screws PIN-TX  
Art. Nr. 130050 - 137960



Wire rope clips  
Art.-Nr. 9074



Security screws Two-Holes-Drive  
Art. Nr. 130050 - 137960



Security screws PIN-HEX  
Art. Nr. 130050 - 137960



Security screws PIN-PHILIPS  
Art. Nr. 130050 - 137960



Security screws - oneway  
Art. Nr. 130050 - 137960



Security screws - oneway  
Art. Nr. 130050 - 137960



Plug for hex socket screws  
Art.-Nr. 137555



Inviolable nuts  
Art.-Nr. 134109



Two holes spanners bits  
Art. Nr. 139510 - 139890



Leaky Pin-Hexagon  
Art. Nr. 139510 - 139890



Bits Pin-Hexagon  
Art. Nr. 139510 - 139890



Bits Pin-Tx  
Art. Nr. 139510 - 139890



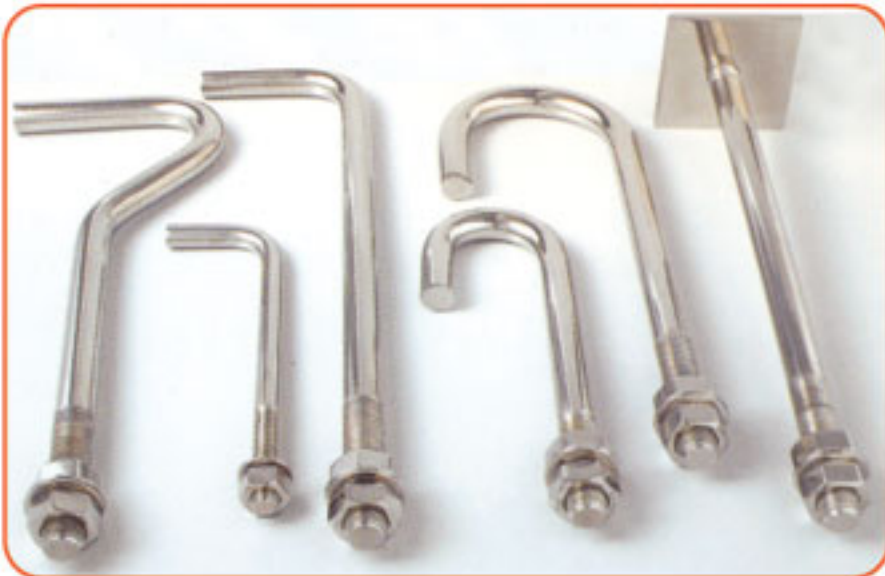


## Foundation Bolts / Anchor Bolts

### SIZE:

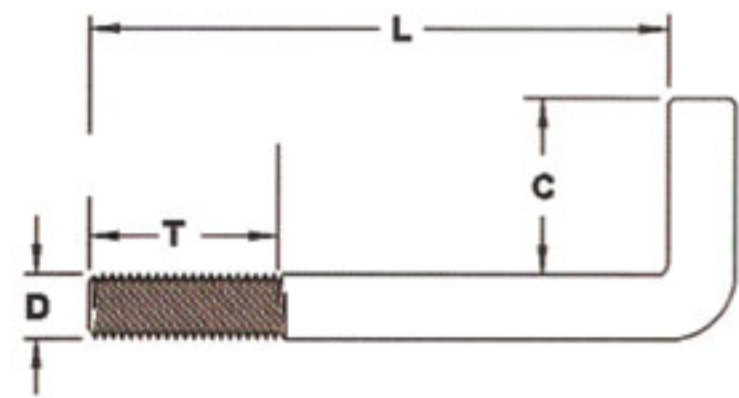
Nom Dia: 1/4" to 4" [6-100 mm]\* Tailor made if required.

Length: As per standard or upto any length



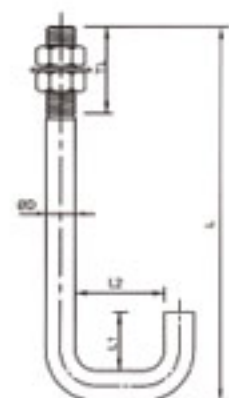
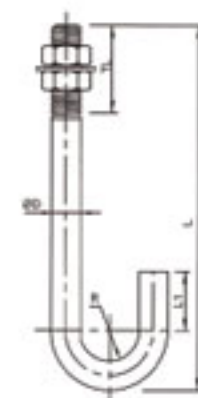
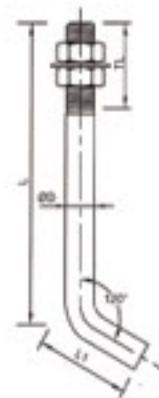
Our Anchor / Foundation bolts are specially customized to our customer's drawings required mainly for turnkey projects such as LNG, refineries and power plants.

**\* As per customer's requirements**



**SPECIFICATION / STANDARD:** ASTM / ASME / BS / DIN / BS EN ISO

**MATERIAL:** C.S., M.S., Alloy Steel, Ferritic & Austenitic  
Stainless Steel



ORDERING INFORMATION: DXLXTL1

ORDERING INFORMATION: DXLXTLXRXL1

ORDERING INFORMATION: DXLXTL XL1XL2

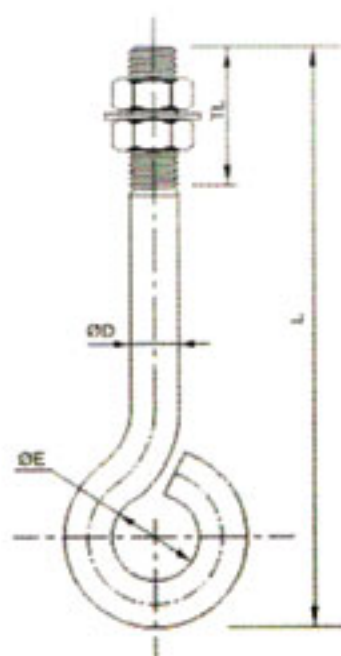
**THREADS:** UNC, 8UN, UNF, Metric Coarse & Fine Series.

**SURFACE FINISH:** Self Color, Hot Dip Galvanized, Electro Galvanized, Di-Chromated, P.T.F.E. Coated or any other as per order requirement

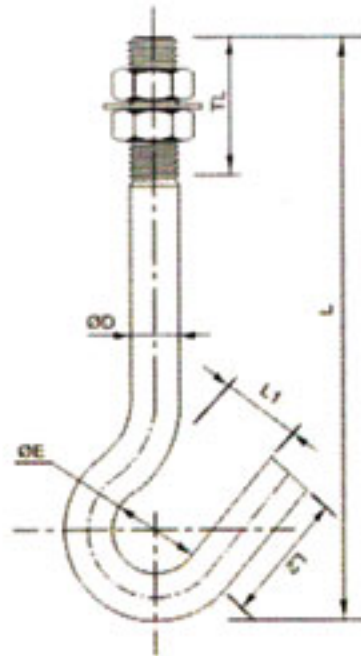


## Eye Bolts

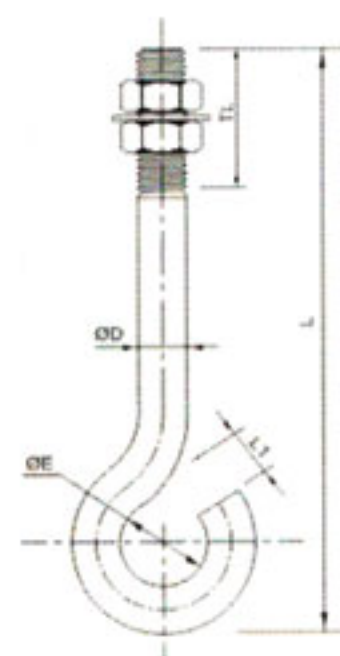
Open End Closed End Welded End J-Type Hook / Anchor Bolt



ORDERING INFORMATION  
D X L X TL X E



ORDERING INFORMATION  
D X L X TL X E X L1 X L2



ORDERING INFORMATION  
D X L X TL X E X L1

### SIZE:

Nom Dia: M6-M52 & similar Inch sizes \* Tailor made if required.

Length : As Per Standard or Upto any Length.

**SPECIFICATION / STANDARD:** ASTM / ASME / BS / DIN / BS EN ISO

**Material:** C.S., M.S., Alloy Steel, Ferritic & Austenitic Stainless Steel

**THREADS:** UNC, 8UN, UNF, Metric Coarse & Fine Series.

**SURFACE FINISH:** Self Color, Hot Dip Galvanized, Electro Galvanized, Di-Chromated, P.T.F.E. Coated or any other as per order requirement







## Hex Screws / Bolts

Full threads, Partial Threads, Heavy Hex High Strength Bolts, Structural Bolts Square Head, Round Head

### SIZE:

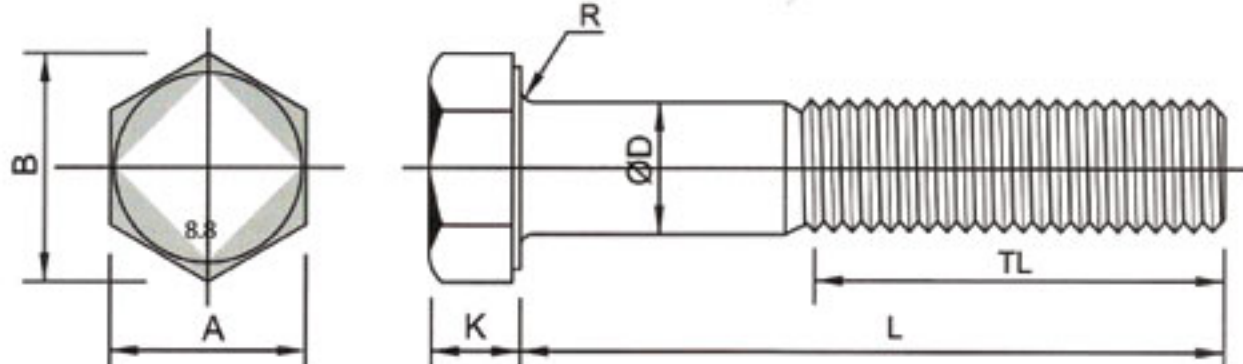
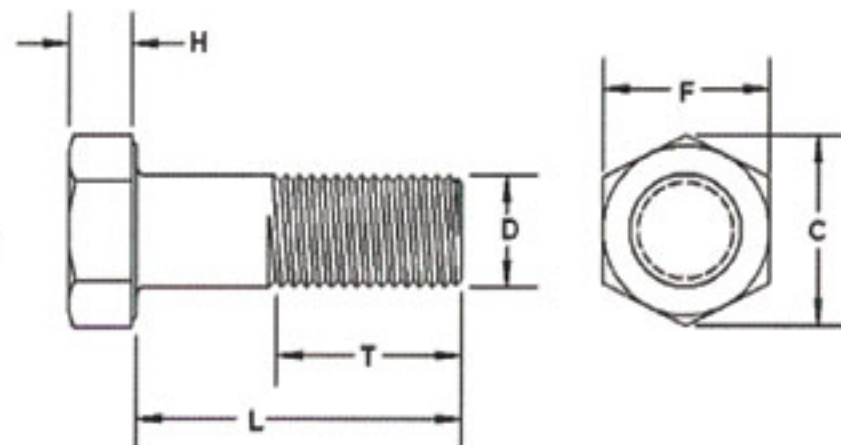
Nom Dia: 3/16" to 4" [5-100 mm]\* Tailor made if required.

Length: As per standard or upto any length

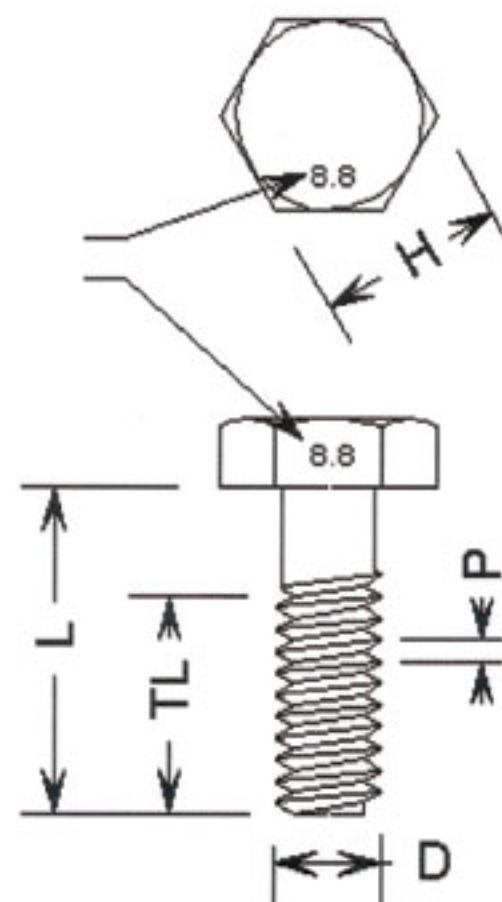


**SPECIFICATION / STANDARD:** ASTM / ASME / BS / DIN / BS EN ISO

**MATERIAL:** C.S., M.S., Alloy Steel, Ferritic & Austenitic Stainless Steel



ORDERING INFORMATION: DXLXTL



**THREADS:** UNC, 8UN, UNF, Metric Coarse & Fine Series.

**SURFACE FINISH:** Self Color, Hot Dip Galvanized, Electro Galvanized, Di-Chromated, P.T.F.E. Coated or any other as per order requirement



## Wedge Anchor

Steel, Zinc plated



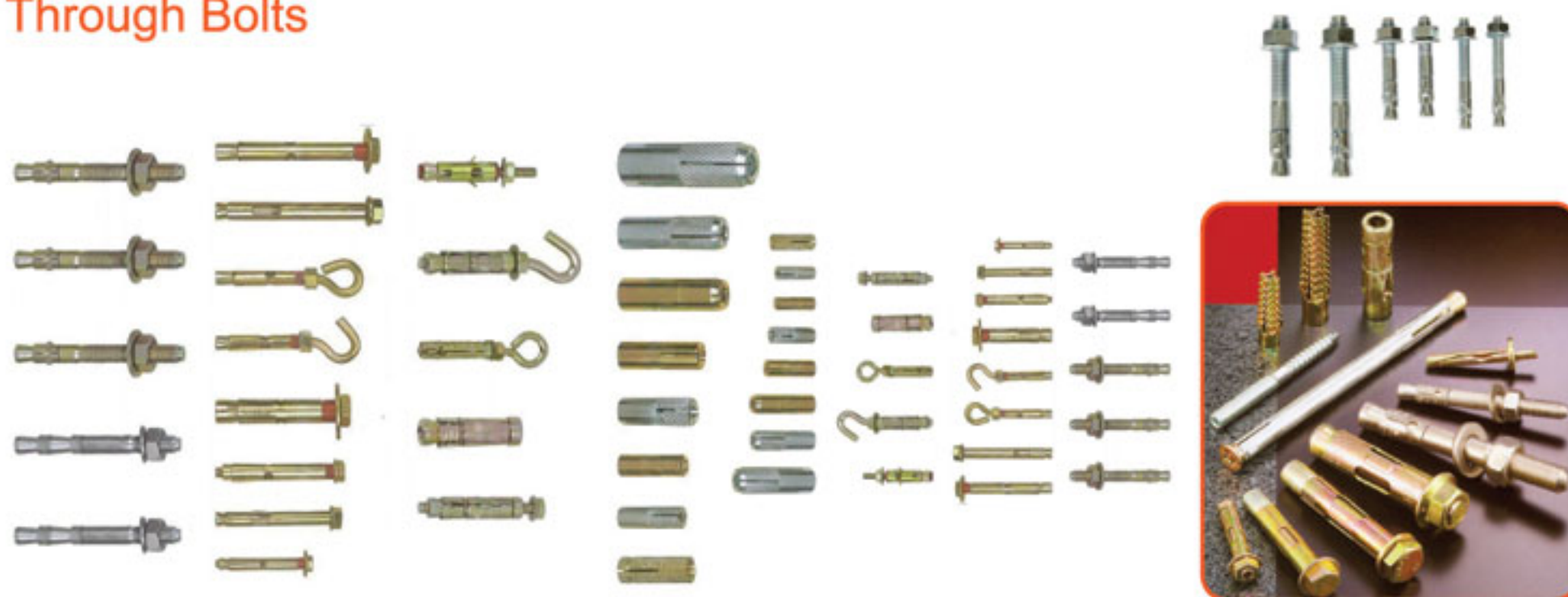
Wedge Anchor B

Wedge Anchor B - U

Stainless steel A4/316



## Through Bolts



## Rivet Nut

### Material Selection

Material are supplied in steel, aluminum and stainless steel as depends. The choice of material decide the strength of the blind rivet nut and the level of depend on the work-place needed.



Steel



Stainless Steel



Aluminum





## U - Bolts

U Bolts, Square U Bolts, U Clamps

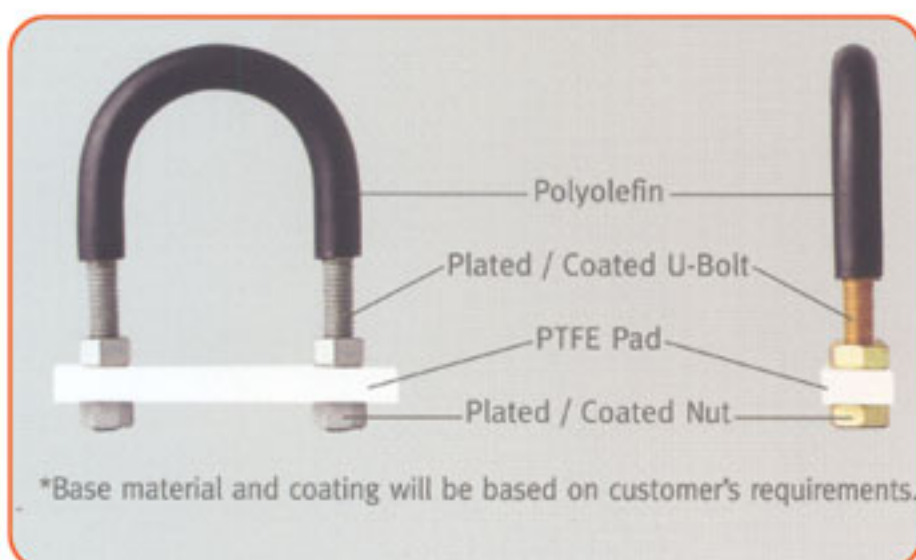


Polyolefin U-bolt is a seamless, vulcanized, polyolefin material that can be applied to all types of U-bolts. Polyolefin U-bolt is excellent for eliminating corrosion problems on piping in refineries, chemical plants, paper mills, rigs and the shipping industry. It serves as an excellent shock/vibration absorber for plastics, FRP or glass-lined pipes.

### Corrosion Preventive Solution

Accelerated corrosion can occur between pipes and uncoated U-bolts due to metal contact between the U-bolt and pipe (galvanic corrosion). This interaction can be completely eliminated by utilizing a PTFE pipe support pad and the polyolefin protected U-bolt followed by fluorocarbon coating on the base material.

**\* As per customer's requirements**



### SIZE:

Rod Size: 6 to 42mm

Pipe Size: 1/2" to 40"

Length: As per standard or upto any length

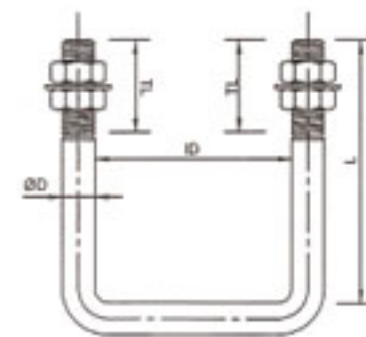
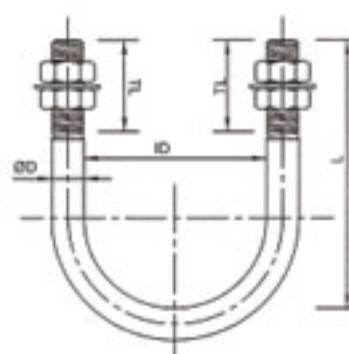
**SPECIFICATION / STANDARD:** ASTM / ASME / BS / DIN / BS EN ISO

**Material:** C.S., M.S., Alloy Steel, Ferritic & Austenitic Stainless Steel

ORDERING INFORMATION: D X ID X L X TL

**THREADS:** UNC, 8UN, UNF, Metric Coarse & Fine Series.

**SURFACE FINISH:** Self Color, Hot Dip Galvanized, Electro Galvanized, Di-Chromated, P.T.F.E. Coated or any other as per order requirement





## Stud Bolts

Engineering Studs, Full threaded Stud, Tie Rods, Sag Rods

### SIZE:

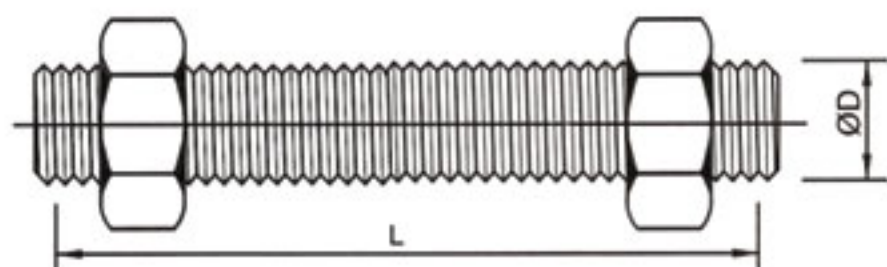
Nom Dia: 1/4" to 4" [6-100 mm]\* Tailor made if required.

Length: As per standard or upto any length

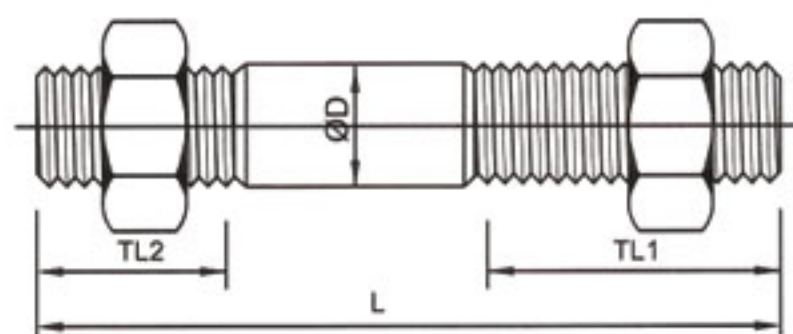


**SPECIFICATION / STANDARD:** ASTM / ASME / BS / DIN / BS EN ISO

**MATERIAL:** C.S., M.S., Alloy Steel, Ferritic & Austenitic Stainless Steel



ORDERING INFORMATION D X L



ORDERING INFORMATION D X L X TL1 X TL2

**THREADS:** UNC, 8UN, UNF, Metric Coarse & Fine Series.

**SURFACE FINISH:** Self Color, Hot Dip Galvanized, Electro Galvanized, Di-Chromated, P.T.F.E. Coated or any other as per order requirement





## Stud Bolts

### Coatings

We provide an extensive range of plating and coatings designed to withstand harsh conditions and provide outstanding temperature, chemical, abrasion and corrosion resistance. With these services available, we have the production capabilities to customize and multilayered-coating system ideal to your specific environment.

#### Galvanizing

- » Hot-Dipped Galvanize
- » Mechanical Galvanize



#### Plating

- » Zinc(White/yellow/black)
- » Cadmium (White/Yellow/Black)
- » Zinc Nickel
- » Electroless Nickel

### All Blue Bolts are not the same.



For uncompromising performance, choose coated products. We believe in the sacrificial base coat and thickness that makes the difference. That's why our PCI-3 Coating, for example, endures 2500+ hours in salt fog testing with a total coating thickness in excess of 1mil. Choose from a broad range of surface coatings and treatments to meet the needs of your application-no matter how demanding. Machining is also available per print on items such as riser bolts, turbine bolts, stems, connector rods and collar studs.

#### Features

- » Reduce the coefficient of friction while providing corrosion protection
- » Enhance Wear Resistance
- » Heavy Weight Bearing Load Resistance (for moving parts)
- » Temperature Resistant from -50° F to 550° F.





## OMAN OCEAN BOLT IN A CLASS BY ITSELF.

There are coated bolts out there that offer some level of corrosion protection. Then there's **OMAN OCEAN** - A innovation that raises the standard for corrosion resistance. **OMAN OCEAN** bolts are engineered to survive corrosive environments that readily destroy commodity bolts, and even "premium" coated bolts.

With the productivity demands you face, dealing with all the maintenance required standard coated bolts is the last thing you want weighing on your mind, and on your schedule. We couldn't agree more. That's the reason we created **OMAN OCEAN Bolts**. It's specially engineered to resist corrosion and delay routine maintenance for much longer periods than other bolts allow. In an industry that's defined by the term "time is money" a product like this doesn't just bolt up your structure, it tightens up your operation.

	0 HOURS	1000 HOURS	2000 HOURS	3000 HOURS	4000 HOURS	5000 HOURS
Oman Ocean Bolts						
Coating over Phosphate						
Coating over Zinc						
Coating over Aluminum Ceramic Base 1						
Coating over Steel Cadmium						
Coating over Aluminum Ceramic Base 2						

Photos of Actual Test Bolts

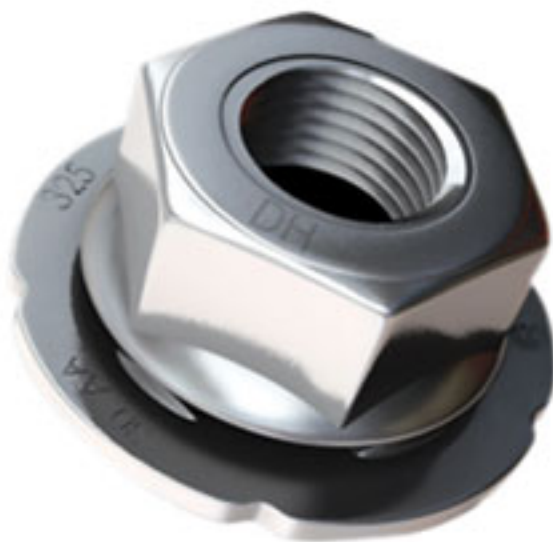




## Direct Tension Indicators

### **Simplest solution for properly tensioning bolts**

TurnaSure manufactures simple washer type load cells known as a Direct Tension Indicator or a Load Indicating Washer. TurnaSure's legacy company invented this brilliant concept of bolting technology. When this washer device is compressed while tightening a bolt or stud, the required clamp load is indicated in the fasteners and induced in the bolted joints. TurnaSure was the world's first company to devote all its energies to developing and supplying this unique fastener.



- ★ Replaces the nut, washer and DTI with one piece.
- ★ Now a nut that sees bolt load was achieved
- ★ Speeds assembly time at connection
- ★ Quicker tensioning - less torque
- ★ Eliminates assembly errors
- ★ Eliminates need to control lubricity

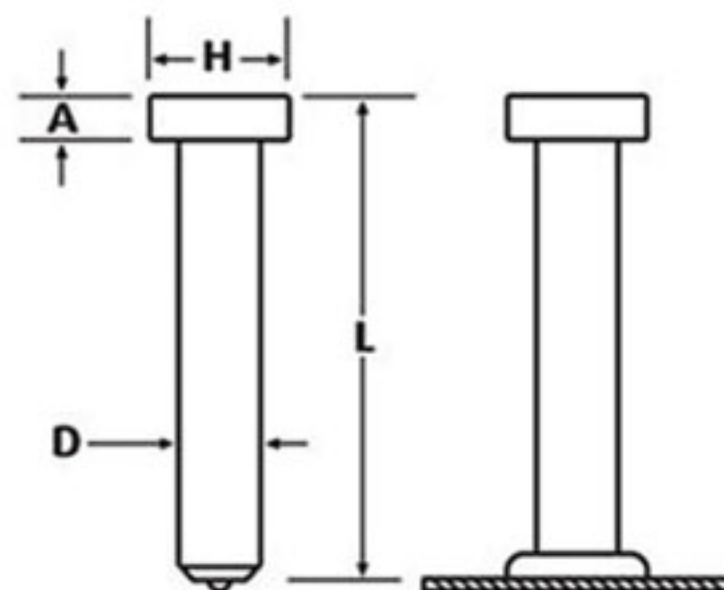




## Shear Stud

### STANDARD SHEARSTUD RANGE IN STOCK BS EN ISO 13918 AND BS 5400

13mm Diameter	50mm-200mm length
16mm Diameter	50mm-200mm length
19mm Diameter	50mm-450mm length
22mm Diameter	50mm-450mm length
25mm Diameter	50mm-450mm length



TENSILE TEST BSEN 10002- 1:2001	YIELD STRENGTH MIN	TENSILE STRENGTH MIN	ELONGATION MIN
SPECIFICATION BS EN ISO 13918	350	450	15%
SPECIFICATION BS5400 - 6	385	495	15%
SPECIFICATION BS5400 - 5	385	495	18%







## Washers

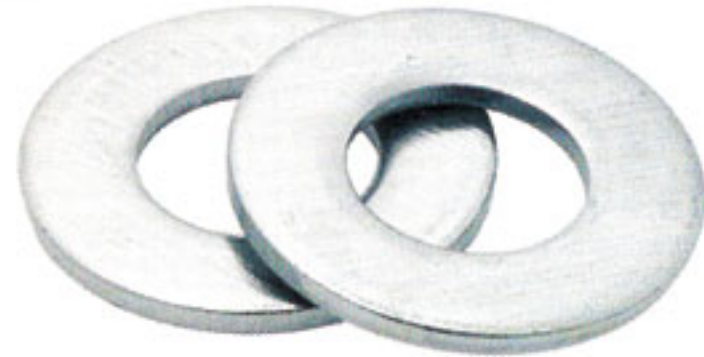
Flat Washers, Spring Washers, Taper Washers, Square Washers, Clipped Washers, Special Thickness DTI Washers

### SIZE:

Rod Size: 6 to 42mm

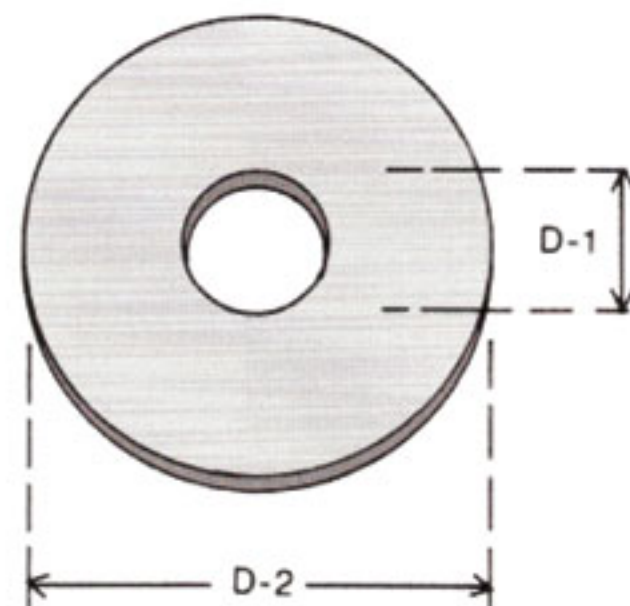
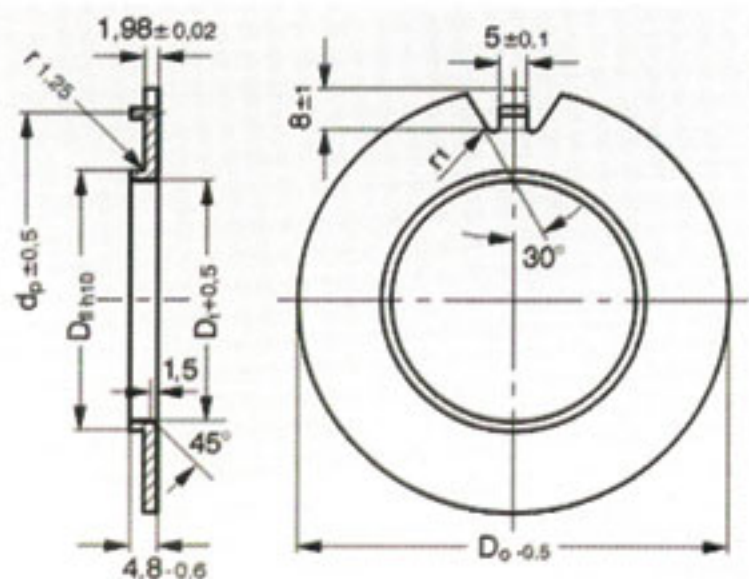
Pipe Size: 1/2" to 40"

Length: As per standard or upto any length



**SPECIFICATION / STANDARD:** ASTM / ASME / BS / DIN / BS EN ISO

**Material:** C.S., M.S., Alloy Steel, Ferritic & Austenitic Stainless Steel



**THREADS:** UNC, 8UN, UNF, Metric Coarse & Fine Series.

**SURFACE FINISH:** Self Color, Hot Dip Galvanized, Electro Galvanized, Di-Chromated, P.T.F.E. Coated or any other as per order requirement



## Specification for Screws



### Copper Alloys:

Aluminium Bronze	B150, CA 104, DGS 1043/1044, NEX 833/834/835
Phosphor Bronze	PB 102
Cupro Nickels	70/30,90/10

### Alloys Steel:

ASTM A 193	B7, B7M, B16, B5
ASTM A 194	2H, 2HM, 3,4,7,7M,16
ASTM A 320	L7, L7M, L43
BS 3692	Grade 10.9, 12.9

### Galvanizing:

Hot Dip Galvanize	ASTM A153 / BS EN ISO 1461:1999
Mechanical Galvanize	ASTM A695

### Plating:

Zinc	ASTM B633
Cadium	ASTM B766
Zinc Nickel	ASTM B841
Electroless Nickel	ASTM B733
Phosphate	ASTM F1137

### Duplex Stainless Steels:

UNS	S3 1803, S32750, S32760 (SA, FG, FLT)
-----	--

### Nickel Alloys:

Hastelloy	B2, C4, C22, C276, G, G 3, X
Incoloy	800, 601, 800HT, 825DS, Ra 330
Inconel	600, 601, 625, 718
Monel	400, k500

### Carbon Steels:

ASTM A325	TYPE 1
ASTM A490	TYPE 1
ASTM A307	Grade A, B, C
BS 3692	Grade 4.8, 8.8
SAE 1429	Grade 5, 8, 10

### Other Materials Grades:

Titanium	GR 2 / 5 / 7
Durehete	900, 950, 1055

### Galvanizing:

ASTM 193	B6, B8, Class 1&2 B8M Class 1&2, B8T Class 1&2 B8MA, B8A
ASTM A194	6, 8, 8A, 8M, 8MA, 8C, 8CA, 8T
ASTM A320	B8 Class 1&2, B8M Class 1&2, B8MA, B8A
ASTM A453	66A Class A / B / C / D
ISO 3506	A2-50, A2-70, A2-80, A4-50, A4-70, A4-80, A4L-80
AISI	SS 304(L), SS316(L), SS316 Ti
Nitronic	50/60 B8R, B8S
Others	17-4 PH, FV 520B, Sanicro 28, Carpenter 20 CB-3

### Coatings:

Xylan®	SemaGard®	Molykote®
Primer P-92	1105	7409
Xylar 2	1175	
1010	1280	
1070	1628	
1052		
1454		





## Self Drilling Screws

### Long Size Screws

#### Applications

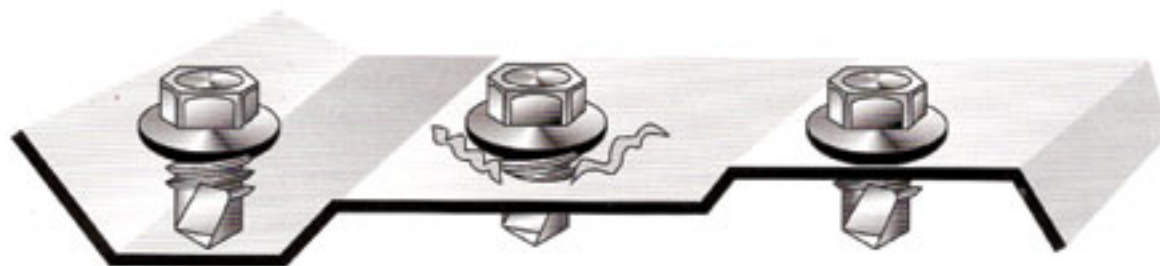
- » Long size screws meet your need in different work purpose





## Self Drilling Screws

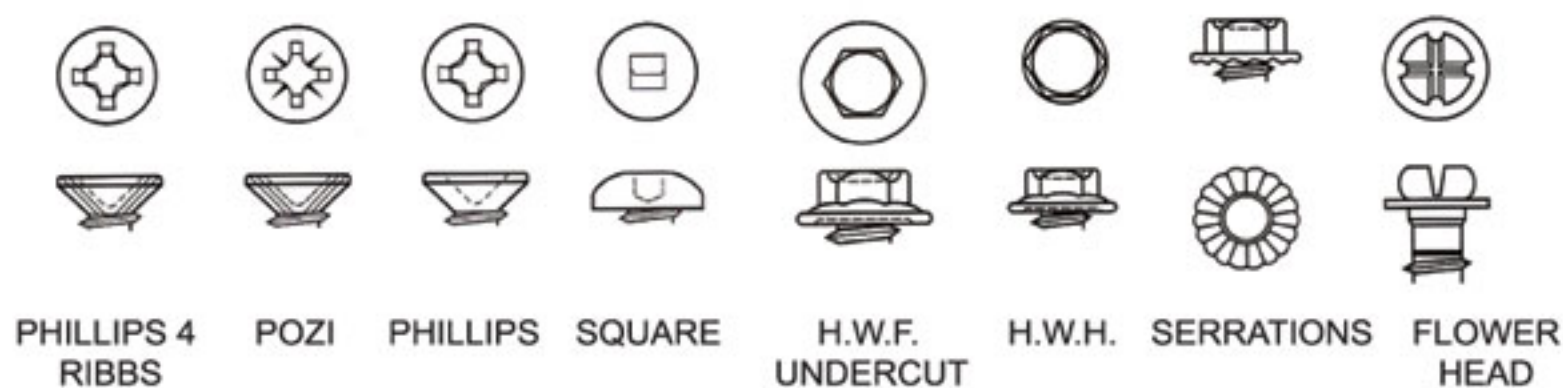
### Screw Data



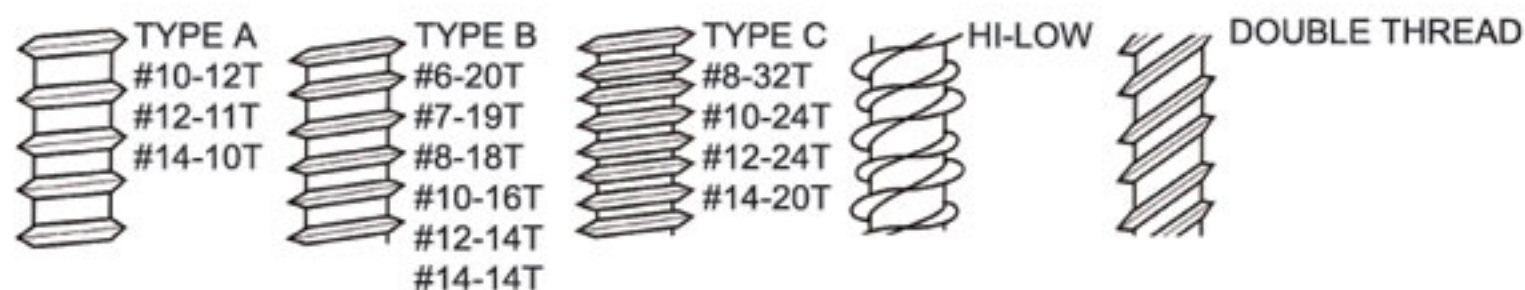
### Head Styles



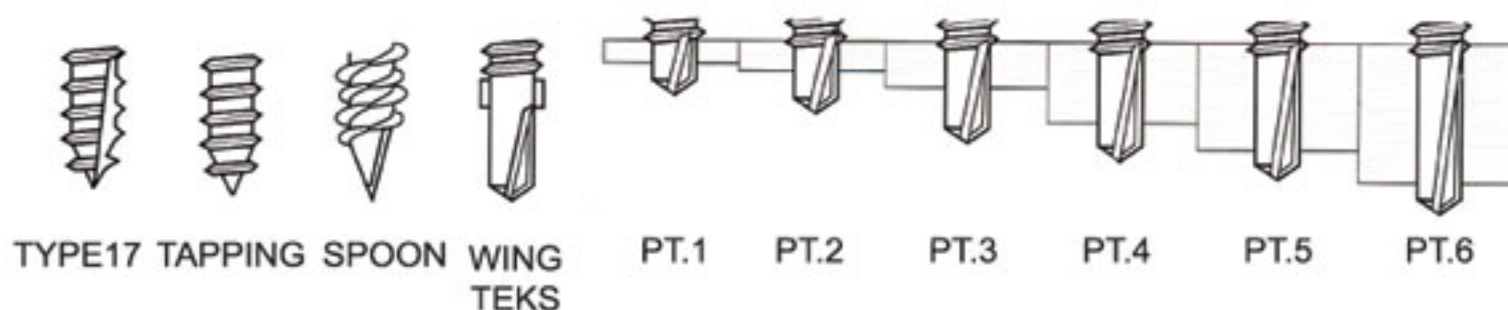
### Head Recess



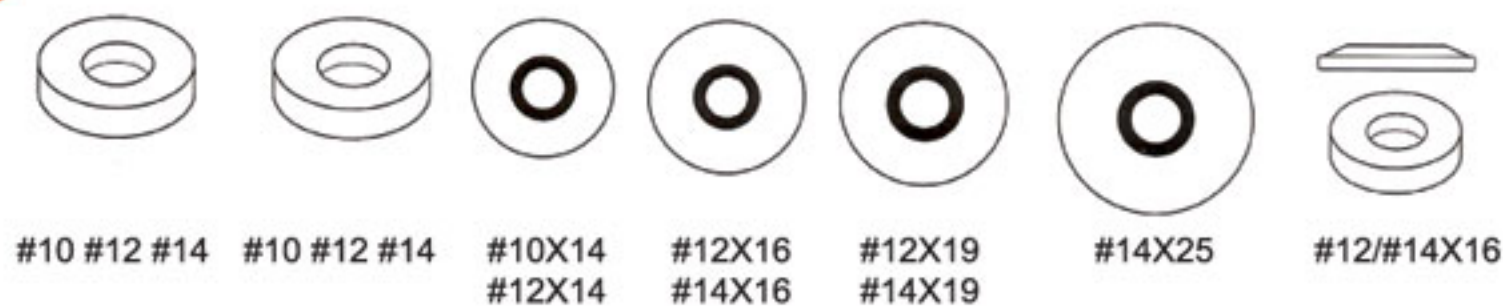
### Threads



### Points



### Washers



### Plating

- » PL: PLAIN
- » YZ: YELLOW ZINC
- » ZN: ZINC
- » KP: BLACK PHOSPHATED
- » BP: GREY PHOSPHATED
- » BZ: BLACK ZINC
- » BO: BLACK OXIDE
- » DC: DACROTIZED
- » RS: RUSPERT
- » XY: XYLAN





## Self Drilling Screws



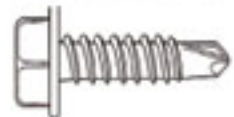
**HEX WASHER  
HEAD POINT #2**



**PAN  
PHILLIPS**



**TRUSS  
PHILLIPS**



**STITCH**



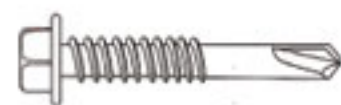
**HEX WASHER  
HEAD POINT #3**



**COUNTERSUNK  
PHILLIPS**



**TYPE 17**



**PILOT**



**HEX WASHER HEAD  
POINT #5**



**BUGLE  
PHILLIPS**



**DOUBLE THREAD  
TYPE 17**



**DOUBLE  
THREAD**



**HEX WASHER  
FLANGE**



**WAFER  
PHILLIPS**



**COUNTERSUNK  
WINGS**



**SCREW DATA**

## Capacity Rated Turnbuckles

Type : EYE - EYE & JAW - JAW

Size (inch)	Length (inch)
1/2	6
1/2	9
5/8	9
5/8	12
3/4	9
3/4	12
7/8	12
7/8	18
1	12
1	18
1 1/4	12
1 1/4	18
1 1/2	12
1 1/2	18
2	24



Eye & Eye



Jaw & Jaw



Hook & Eye



## Self Drilling Screws

### Type 17



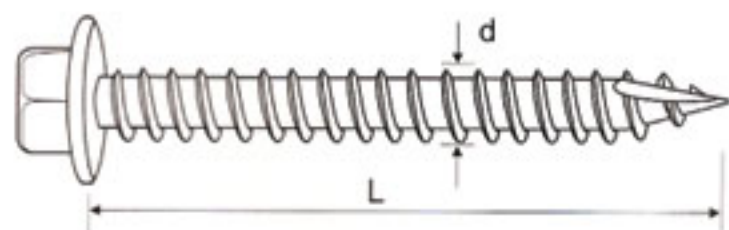
Metal to wood applications

#### Applications

- » Roof and wall panel to wood structure
- » Panel over insulation to wood structure
- » Stitching of wall panel

#### Features

- » Type 17 point for fast material engagement
- » Double lead thread for fast panel pick-up



### Countersunk Phillips

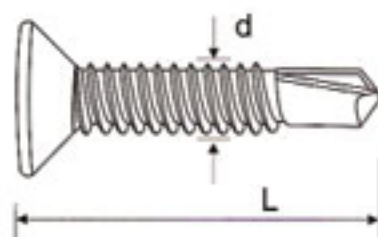


#### Applications

- » Best choice for fastening in window or door frames purpose
- » Using in flat surface required
- » Using in pre-drilled hole for fitting

#### Features

- » Precise cutting edges to improve drill performance with less effort
- » Countersunk head available for working purpose



### PAN - Phillips

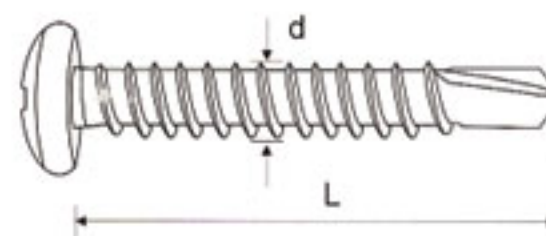


#### Applications

- » Skin sheet to steel
- » Residential steel frame construction
- » For light duty purpose
- » Suitable for stitching 1 thick & 1 thin steel plate

#### Features

- » Pan head design on purpose using
- » Non-walking point provides fast material engagement



### Type 17/ Hex washer head wing up with washer

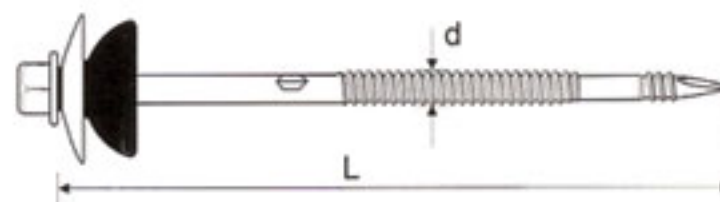


#### Applications

- » For fibre cement sheet to wood application

#### Features

- » EPDM with good water proof for exterior environment
- » Wing up to enhance the drilling performance for fitting in exterior environment







## Open End Blind Rivets

Colored Head

Available in order to coordinate the color of material to fasten



## Hand Riveter



## Transmission Products



Pulleys



Belt Pulleys



Industrial Pulleys



Roller-chain-sprockets



Couplings











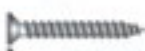



Chain-Sprocket-Wheels



Roller Chain





WOOD THREAD		SHEET METAL THREAD		METRIC THREAD	
9112		Chipboard screws, with pan head, full or partial thread	9477		Fillister head screws, similar to DIN 7981
9117		Chipboard screws, with countersunk head, full or partial thread	9478		Countersunk head screws, similar to DIN 7982
9122		Chipboard screws, with raised countersunk head, full or partial thread	9479		Raised countersunk head screws, similar to DIN 7983
9127		Chipboard screws, with countersunk head, full or partial thread	9155		Deck board screws
9130		Chipboard screws, with countersunk head, full or partial thread	9475		Countersunk head screws, similar to DIN 965
9135		Chipboard screws, with countersunk head, full or partial thread			
9145		Chipboard screws, with countersunk head, drill tip, milling ribs			



The diagram shows a side view of a screw. The head is a wide, flat disc labeled 'WASHER HEAD'. The shaft has a section with raised ridges labeled 'KNURLED THREAD'. The tip of the screw is a sharp, multi-fluted point labeled 'SCRAPE POINT'.

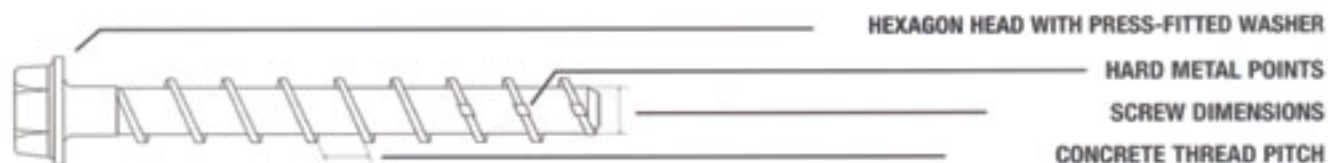
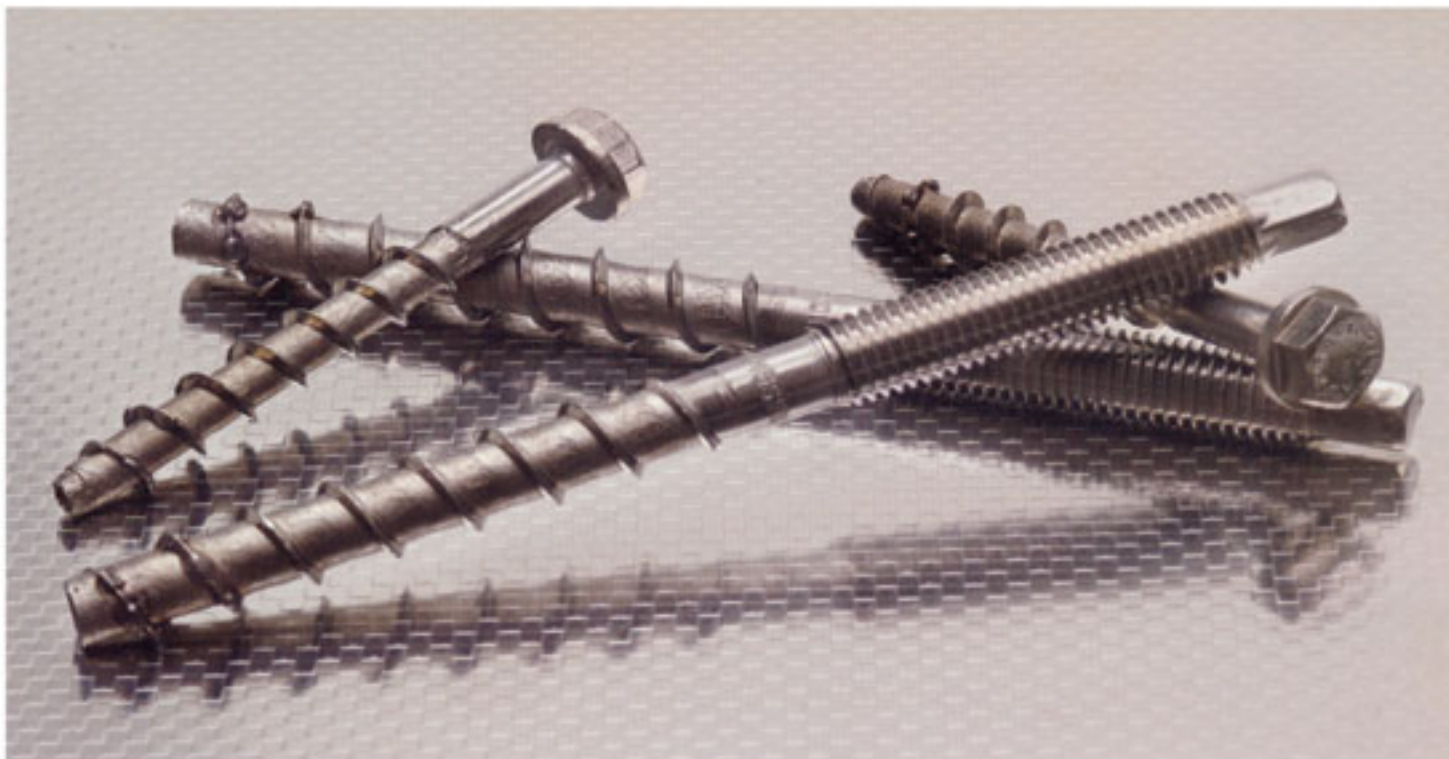
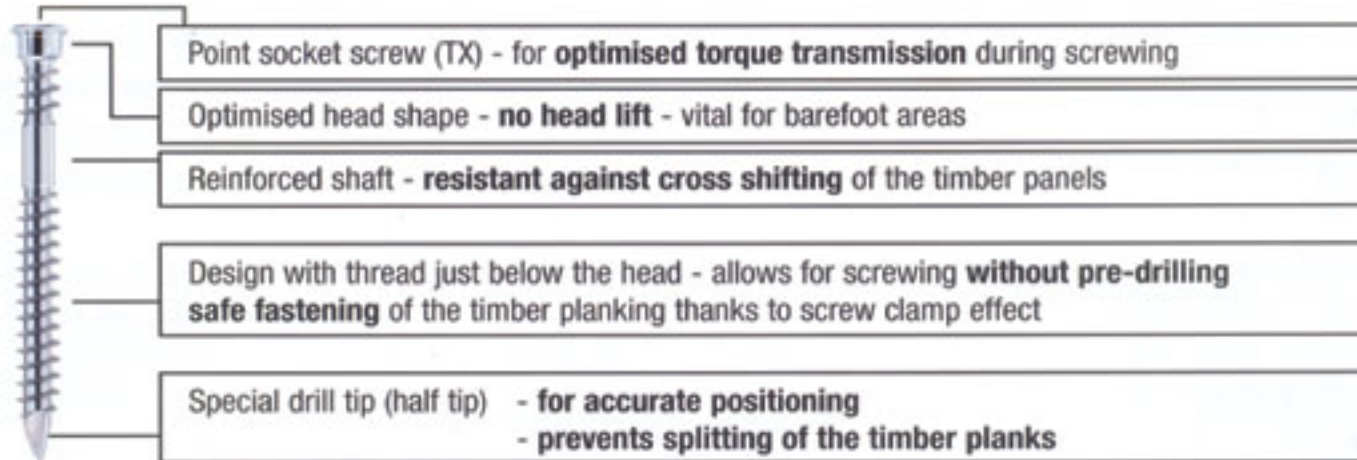
Product no.	Thread length	Size	Drive	PACK
9810-0-8x80	48 mm	8x80	TX 40	100
9810-0-8x100	80 mm	8x100	TX 40	100
9810-0-8x120	80 mm	8x120	TX 40	100

available from November 2007





## Novelities



Product no.	Size	Drive	Clamping force/length	Engagement depth	Screw Ø	Drill hole Ø x depth	PACK
9851-4-8x80	8x15x80	SW13	15/80 mm	65 mm	10,5 mm	8x75 mm	50
9851-4-10x95	10x10x95	SW17	10/95 mm	85 mm	12,5 mm	10x95 mm	50
9851-4-10x105	10x20x105	SW17	20/105 mm	85 mm	12,5 mm	10x95 mm	50

All sizes available in stock



## A Screw Anchor Without a Plug

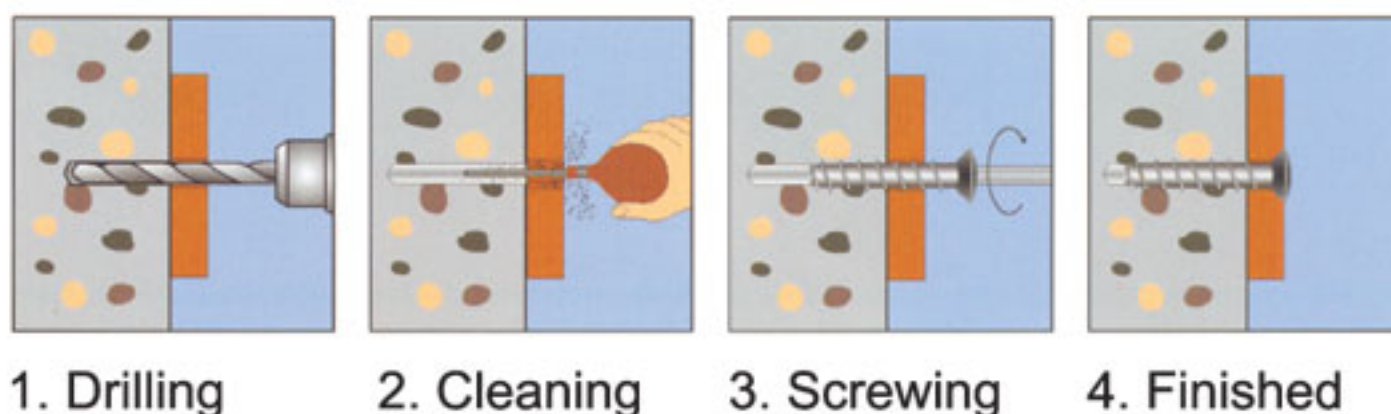
The Approved MULTI-MONTI® installation system is based on a new concept in anchoring technology. The Screw Anchor is set without a plug, thus saving you a huge amount of time.

The technical arguments have convinced everyone. Low screw in torques, a fitting which is free of expansion pressure and approval for cracked and uncracked concrete are the most significant technical features of this Screw Anchor. The ability to work close to the edge, and without a torque wrench, as well as reusability and be achieved easily with MULTI-MONTI®.

This applies just as much to house building, the construction of balcony railings or the fastening of fences as to the construction of the Parliament building in Berlin and the Magdeburg Lake Stage.



Installing MULTI-MONTI® is incredibly simple. Drill a hole according to the HECO® - Instruction. After removing the stone dust from the drilled hole (e.g. by blowing it out) you can now screw in the MULTI-MONTI®. No special tools are required. The Screw Anchor is immediately capable of bearing loads and you can remove MULTI-MONTI® at any time.







We can also supply products from the following brands.

<b>DORMER</b> Drills & Cutting tools England	<b>ECLIPSE</b> BLADES Eng. Prod & Magnet England	<b>Acorn</b> Paint Roller & Brushes England	<b>padre</b> Tirem Hand Tools Germany	<b>nws</b> Pliers Germany
<b>WARRIOR</b> C S Taps, Dies & Cased Sets England	<b>G&amp;J HALL</b> HSS Tools England	<b>Powerbor</b> Magnetic Drill Machines U.K.	<b>GERMAN TOPAZ</b> Cutting/Grinding Disc	<b>Footprint</b> Tools England
<b>HAND TAPS</b> SKC JAPAN	<b>COPELEY</b> Industrial Houses DEVELOPMENTS LTD. England	<b>VITAL</b> Chain Block & Hoist JAPAN	<b>MOLYSLIP</b> INDUSTRIAL PRODUCTS England	<b>LESSMANN</b> GRANTBURSTEN WIRE BRUSHES Wire Brushes Germany
<b>Blickle</b> Wheels + Castors Germany	<b>GARRYSON</b> Flap Wheels & Discs England	<b>Climax</b> Workers Safety Products Spain	<b>centaure</b> Ladders France	<b>kwikkie</b> Steps Ladder Holland
<b>PCL</b> Air Technology & Gauges England	<b>armeg</b> Masonry Drills England	<b>Artin</b> Slings & W/P/Paper Holland	<b>DSK</b> Diamond Saw Blade JAPAN	<b>ORBIT</b> Wormdrive Hose Clip
<b>NEXUS</b> Abzieher Bearing Pullers Germany	<b>FELDER</b> Soldering Products Germany	<b>SKK</b> CASTER JAPAN	<b>Anderton</b> ENGLAND Circlips & Pins	<b>ANCHOR</b> Steel, Plastic & Zinc Alloy Anchors
<b>RÖHM</b> Chucking Tools Germany	<b>Rexnord</b> Chain & Sprockets Germany	<b>MEASURING TAPE</b> <b>stewe-weiss</b> Germany	<b>SAEMAWERK</b> C.T.C. Saw Germany	<b>Pimseal</b> The O Ring People England
<b>pascal</b> Denting File France	<b>FLUOROCARBON</b> RODS, TUBES SHEETS, TAPES & CUSTOM SHAPES <b>TEFLON</b> (PTFE) U.K.	<b>BOWERS METROLOGY</b> Complete Measuring System England	<b>TIME</b> Group Inc. Metal Tester	<b>MW</b> MOORE & WRIGHT Measuring Instruments England
<b>arca</b> Hand Tools TAIWAN	<b>EMPEO</b> Pressure Gauge Germany	<b>J B Treasure &amp; Co. Ltd.</b> Glass & Perspex Tubes U.K.	<b>WS</b> Wind Speed Carbide Holesaws TAIWAN	<b>PRESSOL</b> Oil & Grease Dispensers Germany
<b>JUCO</b> Chisels & Hammers Poland	<b>DREUMEX</b> Hand Cleaner Holland	<b>MAX</b> SHEET METAL PUNCH U.K.	<b>BRITON</b> ARTIST BRUSHES Paint Brushes & Rollers	<b>AUTOGEN</b> Workshop Assortments England
<b>HJZ</b> مساير فولاذية ماركة البحر هي زينة masonry steel nails Holland	<b>MAUN</b> TOOLS England	<b>T+J TAYLOR-JONES</b> Reamers U.K.	<b>BI HERMA</b> Thermometer U.K.	<b>STELLRAM</b> Carbide Inserts USA





# OMAN OCEAN

Group of Companies

## **Oman Ocean Trading L.L.C.**

P. O. Box: 172331  
Deira - Dubai - U.A.E.  
Tel: +971 4 2298311/ 2340715  
Fax: +971 4 2298322/ 2340716  
Mob: +971 50-4509347/ 6456568  
E-mail: omocean@eim.ae

## **Oman Ocean Global FZC**

P. O. Box: 120704, Sharjah - U.A.E.  
Sharjah Airport Free Zone  
Tel: +971 6 5578434  
Fax: +971 6 5578435  
Mob: +971 55-8845092  
E-mail: omglobal@eim.ae

## **Rawabi Al Ashmah Trading & Services**

P. O. Box: 408, PC - 112, Honda Road,  
Ruwi - Muscat, Sultanate of Oman  
Tel: +968 24830912, 24830713  
Fax: +968 24833365,  
Mob: +968 99706552, 99873887  
E-mail: rawabi99@omantel.net.om

[www.omanocean.com](http://www.omanocean.com)



ISO 9001:2008 Certified



This Certificate has been awarded to

## OMAN OCEAN TRADING LLC

P.O. Box No: 172331, Office No: 103, Lilly Centre, Baniyas  
Square, Deira, Dubai, United Arab Emirates.

In recognition of the organization's Management System  
which complies with

**ISO 9001:2015**  
**(Quality Management System)**

The scope of activities covered by this certificate is defined below

**Manufacturing and Trading of Fasteners.**

**EA Code:- 17 & 29**

**SYNDICATE OF INTERNATIONAL SYSTEM CERTIFICATIONS**


Certificate Number: **SIS090422Q180**

Date of Issue of Original Certificate: **18.04.2022**

Date of Issue of latest certificate: **18.04.2022**

Expiry Date: **17.04.2023**

Re-certification Due on: **18.03.2025**

  
*Managing Director*



**Note:** This certificate is valid only if produced with the  
continuation letter after the surveillance is carried out successfully.

The Organization's documentation and Implementation has been reviewed and found to comply with the relevant standard rules. This certificate of Registration is based on the evaluation of the mentioned scope given above. Organization is responsible for maintaining the responsibilities of the relevant standard rules. Any significant changes in the scope of the certification or standard referred above render this certificate invalid. This is an accredited certificate issued by SIS Certifications Pvt. Ltd. sanctioned for issue by International Accreditation Services, 3060 Saturn Street Suite 100 Brea, California 92821-1732, USA. International office(SIS):- URB. Santa Ana Cal. German, Scherieber 276, San Isidro, Lima, Peru 15047. Email us :-support@siscertifications.com, info@siscertifications.co.in. Call:- +91 99105 01396, + 91 96430 73391 Web:- <http://www.siscertifications.co.in>, [www.siscertifications.com](http://www.siscertifications.com)  
The status of this certificate can be verified on "<http://www.siscertifications.com>



Issue No.: 01



This Certificate has been awarded to

## OMAN OCEAN TRADING LLC

P.O. Box No: 172331, Office No: 103, Lilly Centre, Baniyas  
Square, Deira, Dubai, United Arab Emirates.

In recognition of the organization's Management System  
which complies with

**ISO 14001:2015**  
**(Environmental Management System)**

The scope of activities covered by this certificate is defined below

**Manufacturing and Trading of Fasteners.**

**EA Code:- 17 & 29**

**SYNDICATE OF INTERNATIONAL SYSTEM CERTIFICATIONS**

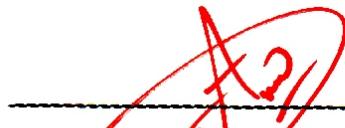
Certificate Number: **SIS090422E181**

Date of Issue of Original Certificate: **18.04.2022**

Date of Issue of latest certificate: **18.04.2022**

Expiry Date: **17.04.2023**

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The status of this certificate can be verified on "<http://www.siscertifications.com>"



Issue No.: 01



This Certificate has been awarded to

## OMAN OCEAN TRADING LLC

P.O. Box No: 172331, Office No: 103, Lilly Centre, Baniyas  
Square, Deira, Dubai, United Arab Emirates.

In recognition of the organization's Management System  
which complies with

**ISO 45001:2018**  
**(Occupational Health and Safety Management System)**

The scope of activities covered by this certificate is defined below

**Manufacturing and Trading of Fasteners.**

**EA Code:- 17 & 29**

**SYNDICATE OF INTERNATIONAL SYSTEM CERTIFICATIONS**

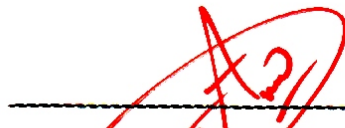
Certificate Number: **SIS090422O182**

Date of Issue of Original Certificate: **18.04.2022**

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**Note:** This certificate is valid only if produced with the  
continuation letter after the surveillance is carried out successfully.

The Organization's documentation and Implementation has been reviewed and found to comply with the relevant standard rules. This certificate of Registration is based on the evaluation of the mentioned scope given above. Organization is responsible for maintaining the responsibilities of the relevant standard rules. Any significant changes in the scope of the certification or standard referred above render this certificate invalid. This is an accredited certificate issued by SIS Certifications Pvt. Ltd. sanctioned for issue by International Accreditation Services, 3060 Saturn Street Suite 100 Brea, California 92821-1732, USA. International office(SIS):- URB. Santa Ana Cal. German, Scherieber 276, San Isidro, Lima, Peru 15047. Email us :-support@siscertifications.com, info@siscertifications.co.in. Call:- +91 99105 01396, + 91 96430 73391 Web:- <http://www.siscertifications.co.in>, [www.siscertifications.com](http://www.siscertifications.com)  
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