





## ABOUT US

WTD Industries is considered as one of the major manufacturers & suppliers of Scaffolding and Formwork in the Middle East, GCC countries and North Africa.

WTD is offering wide rage of services such as formwork planning- including project analysis, detailed formwork study, initial cost estimation & computer-aided formwork planning with structural calculations-design, manufacturing, engineering services, sales, rental business & technical support after sales.

All WTD products adhere to international standards and undergo rigorous laboratory testing, including tests for safe working load requirements, deformation resistance, damage resistance, tensile strength, and stress tests.

In 2000, WTD Industries began its journey as a small steel factory in Tanta, Egypt, focusing on decorative steel frames under the name Nefertiti Forge. Over the following decade, our focus shifted towards scaffolding and formwork manufacturing, driven by collaboration with esteemed partners in the construction industry.

By 2010, WTD Industries had established itself as a prominent supplier of scaffolding and formwork in the GCC countries and North Africa. Our comprehensive production facility, spanning over 30,000 square meters in the Beni Sweif Industrial area of Egypt, was home to a workforce of over 150 engineers, technicians, and laborers.

In 2014, as part of our strategic growth plans, we inaugurated the WTD Misr factory in the Hamriya Free Zone of the UAE. This expansion aimed to bolster our sales network, meet market demand, and streamline material delivery across the Gulf region.

By 2017, furthering our capabilities, we established another factory in the 10th of Ramadan in Sharqia, Egypt, dedicated to scaffolding accessories. These strategic moves align with our ongoing mission to provide comprehensive scaffolding solutions to the global market.

In 2023, The road was paved to WTD Industries to flourish in Saudi Arabia, WTD Industries established شركة وتد حلول الانشاء المحدوده WTD Construction Solution LM. Company with two giant stores in Jeddah & Riya, then successes continued.

Such a success is the result of dedication and team spirit.

WTD FORMWORK & SCAFFOLDING SYSTEMS.

Over 20 Years of Trust, WTD remains offering the most economical formwork solutions for any types of construction project.

The values of our strong specialists & workforce are reliability, Accountability ,proficiency & highest commitment.

WTD perceives our team as an asset and a trustworthy success partner.

Customers satisfaction is our utmost goal.

As we measure our achievements against the success of our customers and their satisfaction by offering the most economical Formwork & scaffolding solutions.

Digitalization & Disruptive Innovation are WTD fundamental structures for sustainable success.

WTD organizational structure & consistent enthusiasm facilitate our local presence in many markets, our representatives are capable of providing the best services with excellence &maintain strong connections with our loyal customers.



M. Bastamesy

Eng. Mostafa Bastawesy WTD President & CEO

## WTD CORPORATION

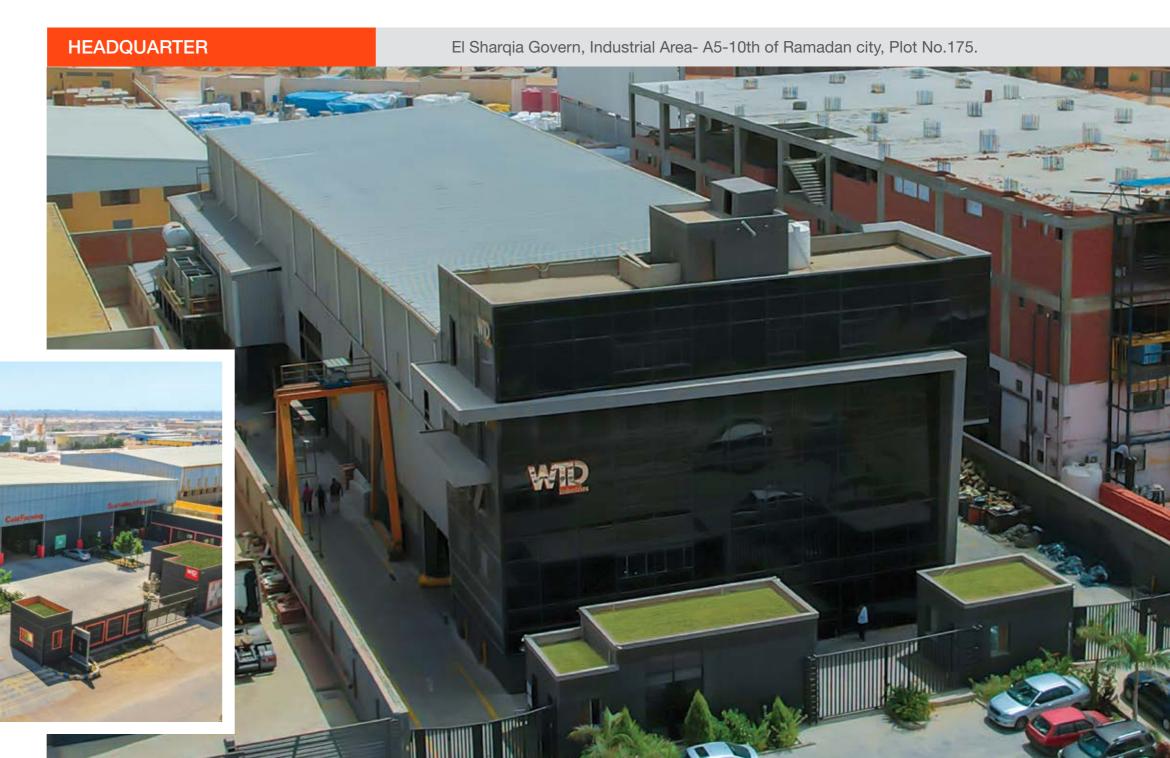
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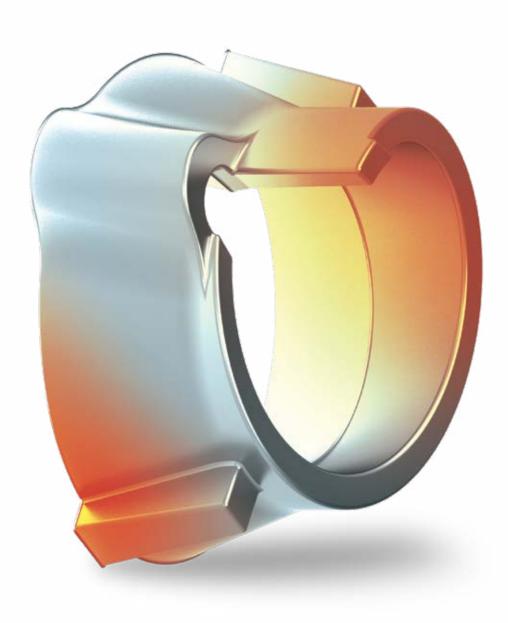
# WTD Network



PIPE, COLD-FORMING & SCAFOLDING FACTORIES

**Beni Sweif Govern**, Industrial Area, Metal Sector, Bayad Al-Arab, Plot No. 26.

# Accessories













#### DROP FORGED COUPLERS

Code	Size mm	Weight Kg
100	48* 48	0.95
100	48* 60	1.15

#### **DF Swivel CouplerFeatures**

Used for connection of 2 tubes at any angles Nut size 2/I- BSW \*2Imm AF Flange nut 22,23 mm AF available T bolts 2/I-\*BSW thread, available in Mild steel or Boron steel Finish -Electro Zinc Plated

Std. Packing -20Pcs/Bag-1000 Pcs/Pallet.





Code	Size mm	Weight Kg
101	48* 48	1.0
101	48* 60	1.1

#### DF Double Coupler, RAC

Features
Used for connection of 2 tubes at right angles
Nut size 2/I- BSW \*2Imm AF
Flange nut 22,23 mm AF available
T bolts2/I-\*BSW thread, available in Mild steel or
Boron steel
Finish -Electro Zinc Plated
Std. Packing -20Pcs/Bag-1000 Pcs/Pallet.

Code	Size mm	Weight Kg
102	48.3	0.5

#### **DF Half Coupler**

Versatile range of half coupler for a variety of application
Requiring the clamping of a single tube
Nut size 2/1 BSW thread x 22mm AF
Available Nut size - 22/23mm AF
T bolt 2/1- BSW Thread, available in Mild steel or
Boron steel for 48.3 OD tube size
Finish - Zinc Plated
Std. Packing -50Pcs/Bag, 2000 Pcs/Pallet



#### DROP FORGED COUPLERS



Code	Size mm	Weight Kg
103	48.3	0.5

#### DF Half Coupler (with Toggle bolt)

Versatile range of half coupler for a variety of application

Requiring the clamping of a single tube T bolts -Ml4 thread available in Mild steel or Boron steel

Flange nut size MI4 thread x 22mmAf Toggle size -MI4 thread X65 mmAF for 48.3 OD tube size Finish - Zinc Plated Std. Packing -50Pcs/Bag, 2000 Pcs/Pallet

Code	Size mm	Weight Kg
104	48.3	1.6

#### DF Grave Loc Coupler/Beam Clamp-Swivel

Nut size 2/I- BSM Thread X 2Imm AF Availabal Flange Nut sizes23/22-mm AF T bolt 2/I- BSWThread , Available in Mild steel Hex Bolt - 8/5 x76mm (Mild steel ) head 2I mm AF for 48.3 OD tube size finsh - Zinc Plated Std. Packing -50 Pcs/Bag, 2000 Pcs/Pallet





Code	Size mm	Weight Kg
105	48.3	1.5

#### DF Grave Loc Coupler - fixed

Nut size - 2/1 BSM Thread X 21mm AF Availabal Flange Nut sizes23/22-mm AF T bolt 2/1- BSW Thread. Available in Mild steel hex Bolt - 8/5 x76mm (Mild steel) head 21 mm AF for 48.3 OD tube size finsh - Zinc Plated

#### DROP FORGED COUPLERS

Code	Size mm	Weight Kg
106	48.3	0.55

#### **DF Single Putlog Coupler**

Used for connection of putlogs & transforms to ledgers

Nut size –2/1 BSW Thread x 2lmm AF Half T bolts 2/1- BSW thread available in Mild steel or Boron steel For 48.3 0D tube size Finish- powder painted





Code	Size mm	Weight Kg
107	48.3	0.7

#### **DF Board Retaining Coupler**

Used for quickly & securely locking the boards in correct position

Nut size ½ BSW x 21mm AF

half T bolts 2/I-BSW Thread, available in Mild steel or Boron steel

For	48.3	0D	tube	size

Code	Size mm	Weight Kg
108	48	0.83

#### DF Half Coupler With Angle 48mm

Used for connection of transom to ledgers Nut size -1/2 BSW Thread x 21mm AF T bolt -1/2 BSW Thread. Available in Mild steel or Boron steel For 48mm D tube size Finish- Electro Zinc Plated



#### PRESSED STEEL COUPLER

Code	Size mm	Weight Kg
200	48* 48	0.7

#### **Pressed Swivel Coupler**

Used for connection of 2 tubes at any angles Nut size -2/1 BSW Thread x 2lmm AF Available Nut 22/23mm AF T bolts - 2/1 BSW thread. available in Mild steel or Boron steel Finish- Zinc Plated Std. Packing - 25 Pcs/Bag,1000 Pcs/Pallet





Code	Size mm	Weight Kg
201	48* 48	0.8

#### Pressed Double Coupler-R A 48\*48

Used for connection of 2 tubes at R A
Nut size - 2/1 BWS x 2lmm AF
Available Nut sizes 22/23mm AF
T bolts 2/1- BSW thread available in Mild steel or
Boron steel Available in light weight also FinishZinc Plated Std. Packing 20 Pcs/Bag,1000 Pcs/
Pallet

Code	Size mm	Weight Kg
202	48.3	0.55

#### Pressed Single / Putlog Coupler

Used for connection of putlogs & transforms to ledgers Nut size -1/2 BSW Thread x 21mm AF

Half T bolts -1/2 BSW thread available in Mild steel or Boron steel For 0 48.3D tube size Finish - Zinc Plated Std. Packing-50 Pcs/Bag,1250 Pcs/Pallet





Code	Size mm	Weight Kg
203	48.3	0.7

#### **Pressed Board Retaining Coupler**

Used for quickly & securely locking the boards in correct position

Nut size ½ BSW x 21mm AF

half T bolts -1/2BSW Thread.

available in Mild steel or Boron steel For 0 48,3D tube size finish – Zinc Plated

Std. Packing 50-Pcs/Bag, 1250 Pcs/Pallet

#### PRESSED STEEL COUPLER

Code	Size mm	Weight Kg
204	48.3	1.00

#### **Pressed Sleeve Coupler**

Used for the internal connection Of 2 tubes end-to-end
Provides a more secure joint
Nut size2/l- BSW Thread x 2lmm AF
T bolts 2/l-BSW Thread.
available in Mild steel or Boron steel
For 48.3 OD tube size
Finish -Zinc Plated
Std. Packing -20Pcs/Bag, 1000 Pcs/Pallet





Code	Size mm	Weight Kg
205	5.0	0.3

#### **Pressed Universal Clamp**

Ideal for formwork Application Botl size -130mm length x thread 2/1 BSW Available in Mild steel Nuts size- 2/IBSW x 21mm AF Finish - Zinc Plated Std. Packing -50Pcs/Bag. 1000 Pcs/Pallet

Code	Size mm	Weight Kg
206	48.3	0.4

#### Pressed Parallel /Fence Coupler

Used for clamping 2 standard scaffold tubes in parallel
Nut size - 2/1 BSW Thread x 2lmm AF
Bolt 2/1-BSW x 80mm length.
available in Mild steel
For 48.3 OD tube size
Finish - Zinc Plated

Std.Packing -50Pcs/Bag. 2000 Pcs/Pallet



#### PRESSED STEEL COUPLER



Code	Size mm	Weight Kg
207	H20	0.35

#### **Pressed Timber Beam Clamp**

Features Carriage Bolt-Mild steel Conform to BS EN 1189 Section2.2.1991 Used in pairs Finish -Zinc Plated

Code	Size mm	Weight Kg
208	48.3	0.35

#### **Pressed Half Coupler**

Versatile range of half coupler for a variety of application

Requiring the clamping of a single tube Nut size 2/1 BSW thread x 21mm AF Available Nut size – 22/23mm AF

Hole size - 16mm

T bolt 2/1- BSW Thread,

available in Mild steel or Boron steel for 48.3 OD

ibe size

Finish – Zinc Plated Std. Packing -50Pcs/Bag, 2000 Pcs/Pallet





Code	Size mm	Weight Kg
209	48.3	0.7

#### **Pressed Half Coupler**

Versatile range of half coupler for a variety of application

Requiring the clamping of a single tube Nut size 2/1 BSW thread x 21mm AF

Available Nut size - 22/23mm AF

Hole size - 16mm

T bolt 2/1- BSW Thread.

available in Mild steel or Boron steel for 48.3 OD

tube size

Finish – Zinc Plated Std. Packing -50Pcs/Bag, 2000 Pcs/Pallet

#### ACCESSORIES CUPLOCK SYSTEM

Code	Size mm	Weight Kg
		200 Grms
300	48.0	225 Grms
		240 Grms

#### Ledger Blade - Without Hole

Weights available 200,225,240 grams Self-Finish Std. Packing -100 Pcs/Bag, 4000Pcs/Pallet Also available with hole





Code	Size mm	Weight Kg
301	100	430 Grms
	48.0	500 Grms

#### **Drop forged Standard Top Cup**

4 leg Weights available -430,500 grams Self-Finish Std. Packing -50Pcs/Bag, 2000 Pcs/Pallet

Code	Size mm	Weight Kg
202	30 x5	0.26
302	29 x 4	0.21

#### **Standard Bottom Cup**

Self-Finish Sizes(mm):30x5,29x4





Code	Size mm	Weight Kg
303	38.0	0.34

#### **Round Spigot Connector**

Used to joint one standard to another coaxially Bolt is placed transversely through the spigot and cup lock standard in case of lifting the cup lock structure.

In case of no lifting for cuplock structure, don't need to use bolts.

Weight: 0.34 kg

2 Bolt 8 0 L 0.20: 80 KG

Std. Packing -25 Pcs/Bag, 1000 Pcs/Pallet.

#### ACCESSORIES CUPLOCK SYSTEM

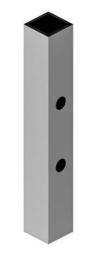
Code	Size mm	Weight Kg
304	200*30*30	0.5

#### **Square Spigot Connector**

Used to joint one standard to another coaxially Bolt is placed transversely through the spigot and cuplock standard to prevent the Spigot from pulling out of standard.

Weight:

Square Spigot two holes C/W: 0.90 KG Bolt 8 0 L 0.20: 80 KG Std. Packing -25 Pcs/Bag, 1000 Pcs/Pallet.

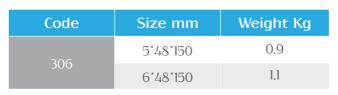




Code	Size mm	Weight Kg
305	48.0	0.1

#### U Lock

Features MC-Mobile wrist pin complete with 2 screws 591 36



#### Pressed Transom End U Body

Features Intermediate transom End U Body Size -I50x6mm Self-Finish

Std. Packing -20Pcs/Bag-1000 Pcs/Pallet



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#### ACCESSORIES CUPLOCK SYSTEM

Code	Size mm	Weight Kg
307	38.0	0.60

#### **Round Connector**

Used to joint one standard to another coaxially Bolt is placed transversely through the spigot and cup lock standard in case of lifting the cuplock structure.

In case of no lifting for cuplock structure, don't need to use bolts.
Weight:0.60kg





Code	Size mm	Weight Kg
308	48.0	0.43

#### **Round Spigot Connector**

Used to joint ShoreLoad to another coaxially Bolt is placed transversely through the spigot and ShoreLoad in case of lifting the ShoreLoad structure

In case of no lifting for ShoreLoad system, don't need to use bolts.

Std. Packing -25 Pcs/Bag, 1000 Pcs/Pallet. Weight:0.43 kg

2 Bolt 8 0 L 0.20: 80 KG

Std. Packing -25 Pcs/Bag, 1000 Pcs/Pallet.

Code	Size mm	Weight Kg
309	38.0	0.34

#### Round Spigot Connector (Black)

Used to joint one standard to another coaxially Bolt is placed transversely through the spigot and cuplock standard in case of lifting the cup lock structure.

In case of no lifting for cuplock structure, don't need to use bolts.

Weight: 0.34 kg

2 Bolt 8 0 L 0.20: 80 KG

Std. Packing -25 Pcs/Bag, 1000 Pcs/Pallet.



## **ACCESSORIES BASED JACK**

Code	Size mm
400	460x32 mm
	670x32 mm
	750x32 mm
	460x36mm
	670x36mm
	750x36mm

#### solid Adjustable Base Jack

with MCl cup nut
Size Available
460x32 mm
670x32 mm
750x32 mm
460x36mm
670x36mm
750x36mm
plate- 150x150x6 mm, 120x120x6mm
finsish -Self-Finish or Zinc Plated





Code	Size mm
401	450x38x4mm
	600x38x4mm
	660x38x4mm
	760x38x4mm

## Hollow Adjustable Base Jack

with drop forged jack nut Size Available 450x38x4mm 600x38x4mm 660x38x4mm 760x38x4mm plate- 150x150x5mm finsish - Zinc Plated

Code	Size mm
402	4*38*600 mm
	4*38*660 mm
	4*38*760 mm

#### Swivel Base Jack hollow

Features
With Drop Forged Jack Nut
Size Available
600x38x4 mm
660x38x4 mm
760x38x4 mm
Plate Size-150x150x6 mm

Finish- Zinc Plated





Code	Size mm
403	460x32 mm
	670x32 mm
	750x32 mm
	460x36mm
	670x36mm
	750x36mm

#### solid Universal Jack- code 403

with MCI cup nut
Size Available
460x32 mm
670x32 mm
750x32 mm
460x36mm
670x36mm
750x36mm
plate- 150x150x6 mm, 120x120x6mm
finsish -Self-Finish or Zinc Plated

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## **ACCESSORIES BASED JACK**

Code	Size mm
404	600x38x4 mm
	660x38x4mm
	760x38x4mm

#### Hollow Universal Jack

with drop forged jack nut full threaded Size Available 600x38x4 mm 660x38x4mm 760x38x4mm finsish Zinc Plated



Code	Size cm
	32*460 mm
	32*600 mm
405	32*670 mm
	32*760 mm
	36*460 mm
	36*670 mmm
	36*750 mm

#### **U.Head Jack Solid**

Features
With MCI Cup Nut
Size Available
460x32 mm
600x32 mm
670x32 mm
760x32 mm
760x36 mm
U Size-I00xI00xI00x5 mm (Thickness)
Finish- Zinc Plated

Code	Size Size mm
	32*460 mm
	32*600 mm
406	32*670 mm
	32*760 mm
	36*460 mm
	36*670 mm
	36*750 mm

#### Solid Wide U Head Jack

with MCI cup nut
Size Available
460x32 mm
600x32 mm
670x32 mm
750x32mm
460x36mm
670x36mm
750x36mm
wide U size - 185 x10x75x6 mm (thick)
finsish Zinc Plated





Code	Size mm
407	600x38x4 mm
	660x38x4 mm
	760x38x4 mm

#### Hollow U Head Jack

with drop forged jack nut full threaded Size Available 600x38x4 mm 660x38x4mm 760x38x4mm U head size - 120x120 50mm finsish Zinc Plated

## **ACCESSORIES BASED JACK**

Code	Size mm
408	34x425 mm

#### Turn Buckle Head 34x425mm

Features Mild Steel Size :34x425 mm

Finish: Electro Zinc Plated Std. Packing -500Pcs/Pallet





Code	Size mm
409	600*40mm

#### Turn Buckle Head 40x600mm

Features

Size: 40x600mm

Finish: Electro Zinc Plated Std. Packing -220Pcs/Pallet

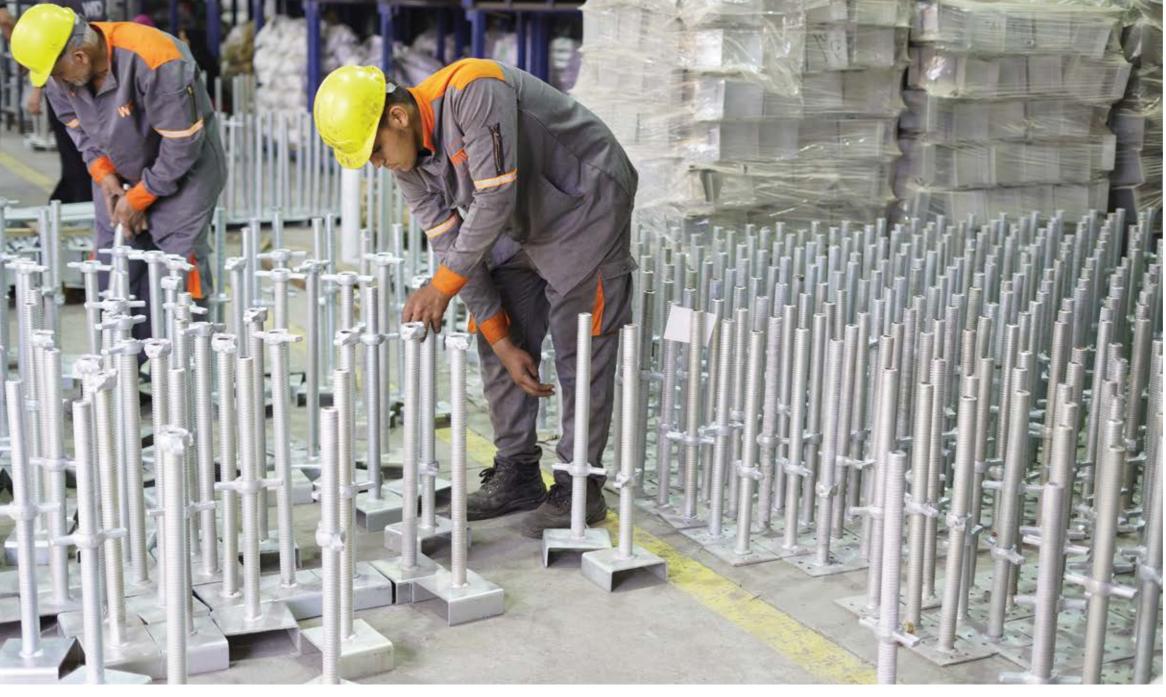
Code	Size mm	Weight Kg
410	6*150*150*150	1.25

#### Base plan

Features 150mmx150mm Weight 1.10KG



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## **ACCESSORIES JACK NUTS**

Code	Size mm	Weight Kg
500	32 mm	0.8
	38 mm	-

#### D/F Jack Nut

Features Size:32,38 mm Finish: Zinc Plated





Code	Size mm	Weight Kg
E01	32 mm	0.5
501	38 mm	-

#### Jack Nut Casted-Light Duty

Featues Sizes 32,38-mm Finish-Zinc Plated

Std. packing 50-Pcs/Bag,200Pcs/Palle	et
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Code	Size mm	Weight Kg
502	48/60	0.5

#### Jack Nut Casted-Heavy Duty

Features Mild steel Thread 4TPI





Code	Size mm	Weight Kg
503	34mm	0.8
	38 mm	-

#### D/F Double Step Jack Nut 48/60

Features Mild steel Thread-4 TPI Size:34mm & 38 mm Finish: Electro Zinc Plated Std. Packing -40 Pcs/Bag, 1600 Pcs/ Pallet

## **ACCESSORIES PROP NUTS**

Code	Size mm
600	60.0

#### D/F Prop Nut (Heavy Duty)

Features
Drop forged Nut Thread - 4 TIP
For 60.3 0D tube
Finish - Zinc Plated
Std. Packing - 50Pcs/Bag, 2000 Pcs/Pallet





Code	Size mm
601	60.0

#### Prop - Light Duty

Drop forged Nut 4 TIP handle Handle-12mm x150mm For 60.3 OD tube Finish -Zinc Plated Std. Packing -50Pcs/Bag, 2000 Pcs/Pallet

Code	Size mm
602	60

#### **Prop Nut L-Handle**

Casted Thread Size -4 TIP Handle Size -16mm Self-Finish Std. Packing -50Pcs/Bag



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## **ACCESSORIES PROP NUTS**

Code	Size mm
603	76mm*3.2mm*300mm
603	38 mm

#### **Prop Sleeve**

Available Sizes
76mmx4mmx300mm
76mmx3.2mmx300mm
Thread size-4TPlNut
Drop Forged Prop Nut Heavy Duty 76mm
G Pin-16mm.
Finish -Self-Finish or Electroplated



Code	Size mm
604	16.0

#### **G** Ring for props

size -16 mm Made from Mild steel Finish - Zinc Plated Std. Packing -50Pcs/Bag, 1000Pcs/Pallet

Code	Size mm
605	76.0

#### D/F Prop Nut 76mm

Drop Forged Mild steel Thread- 4TPl Size:76.0mm Finish: Electro Zinc Plated Std. Packing -20 Pcs/Bag, 1000 Pcs/ Pallet



## **ACCESSORIES TIE ROD**

Code	Size mm	Weight Kg
700	17-15	0.55

#### Water Barrier 15/17

Casted with Thread 2.5 TPI Finish -Golden Electroplated of Self-Finish Std. Packing-50Pcs/Bag





Code	Size mm	Weight Kg
701	17-15	9

#### Tie Rod

Thread 2.55 TPI 15/17mm OD Length up to 6 mtrs Finish - Golden Electroplated of Self-Finish Std. Packing-bundles only

Code	Size mm	Weight Kg
702	17-15	0.25

#### Wing Nut 15/17

Thread 2.5 TPI 15/17mm 0D Finish - Golden Electroplated of Self-Finish Std. Packing-100Pcs/Bag



## **ACCESSORIES TIE ROD**

Code	Size mm	Weight Kg
703	120x120x5	0.6
	120x120x6	0.7
	120x120x7	0.8
	120x120x8	0.9

#### Waler Plate

120x120x5 mm/6mm/7mm/8mm

Hole size-17mm

Finish - Golden Electroplated of Self-Finish

Std. Packing-25Pcs/Bag



Code	Size mm	Weight Kg
704	17-15	0.5

#### Anchor Nut 15/17

Casted Thread 2.5 TPI 15/17mm 0D Finish - Golden Electroplated of Self-Finish Std. Packing-100Pcs/Bag

## **ACCESSORIES LOCKING PIN**

Code	Size m	Weight Kg
	1.0	20.0 (Set)
800	1.2	24.0 (Set)
	1.5	30.0(Set)

## Column Set Type 1

Sizes: sizel, size2, size 3

Pressed steel Finish: Dip Painted





Code	Size m	Weight Kg
	1.0 x 0.6	9.5
801	1.2x 0.8	12(Set)

#### Column Set Type 2

Features

Sizes: sizel, size2 Pressed steel Finish: Dip Painted

Code	Size mm	Weight Kg
802	16.0	0.3
	19.0	0.35

#### D PIN

Cold forged made of Boron steel Heat treated

Finish: Zinc Plated



## **ACCESSORIES LOCKING PIN**

Code	Size mm	Weight Kg
803	17.0	0.25

#### Pin With lock

Grade 8.8 Boron steel, Heat treated Size 16x100mm Finish - Elctro Zinc Plated

Packing: 125 Pcs/Bag, 7000 Pcs\Pallet





#### Machined Brace/ Flip Lock Pin

Features Size: 16\*70mm Finish: Zinc Plated





Code	Size mm	Weight Kg
900	175	0.94

#### **Drop forged Hook**

Used for towing and lifting anything in any position boundry dimensions: 175 X 37 X 82 mm

Code	Size mm	Weight Kg
901	77ф ×22Ћ	0.50

## Steel Screwed BSPT Flange

Carbon steel screwed BSPT flange for Domestic LPG cylinder

Usage: To be welded inside the cylinder to use its BSPT female screw as gas regulator mount











## WTD OFFICES WORLD WIDE



## **RELATED SYSTEMS**

- 1. WTD Smart Beam
- 2. Waler System
- 3. Cuplock System
- 4. H-Frame System
- 5. Shore Load System
- 6. Steel Blank
- 7. ERW Steel Pipes & Tubes
- 8. Accessories
- 9. Column Clamp
- 10. Staking System
- 11. Circular Column

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## A LEADING GLOBAL CONSTRUCTION GROUP

## www.wtd.me

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