

# **Product Catalogue**

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# **Plastic Spacers**

#### Norm Chair Spacer

Extremely sturdy plastic spacer intended for heavy loads. It has optimal stability and has a spot supporting load capacity of 400kg. It can maintain a concrete cover of 25mm to 100mm and used for bar sizes varies 8mm to 32mm



| MODEL   | Concrete Cover<br>MM | Bar size   | Pcs per<br>package |
|---------|----------------------|------------|--------------------|
| PGNC250 | 25.00                | 8mm - 24mm | 1000.00            |
| PGNC300 | 30.00                | 8mm - 24mm | 1000.00            |
| PGNC400 | 40.00                | 8mm - 24mm | 1000.00            |
| PGNC501 | 50.00                | 8mm - 24mm | 500.00             |
| PGNC502 | 50.00                | 16mm- 32mm | 500.00             |
| PGNC600 | 60.00                | 16mm- 32mm | 500.00             |
| PGNC750 | 75.00                | 16mm- 32mm | 250.00             |
| PGNC100 | 100.00               | 16mm- 32mm | 100.00             |

## Clip Chair Spacer

Sturdy and versatile clip that accommodates most sizes of rebar and mesh. Most commonly used for precast concrete reinforcement rebar. It can maintain a concrete cover of 25mm to 100mm and used for bar sizes varies 6mm to 18mm.



| MODEL   | Concrete Cover MM | Bar size | Pcs per<br>package |
|---------|-------------------|----------|--------------------|
| PGCC250 | 25                | 6MM-18MM | 1000               |
| PGCC300 | 30                | 6MM-18MM | 1000               |
| PGCC350 | 35                | 6MM-18MM | 1000               |
| PGCC400 | 40                | 6MM-18MM | 1000               |
| PGCC500 | 50                | 6MM-18MM | 1000               |
| PGCC600 | 60                | 6MM-18MM | 500                |
| PGCC750 | 75                | 6MM-18MM | 500                |
| PGCC100 | 100               | 6MM-18MM | 250                |



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## **U Chair Spacer**

Saddle type chair spacer suitable for supporting bars and mesh when casting flooring and slabs. It can be used with various bar diameter due to its open shape. . It can maintain a concrete cover of 25mm to 50mm and used for bar sizes (any size).



| MODEL   | Concrete Cover MM | Bar size | Pcs per<br>package |
|---------|-------------------|----------|--------------------|
| PGUC250 | 25                | any size | 1000               |
| PGUC300 | 30                | any size | 1000               |
| PGUC400 | 40                | any size | 1000               |
| PGUC500 | 50                | any size | 1000               |

#### **Wheel Spacer**

Wheel plastic circular spacer that is simply pushed onto the rebar to provide cover through a full 360 degrees making it ideal for columns, walls and beams. It can maintain a concrete cover of 25mm to 100mm and used for bar sizes varies 8mm to 32mm.



| MODEL   | Concrete Cover MM | Bar size  | Pcs per<br>package |
|---------|-------------------|-----------|--------------------|
| PGWS250 | 25                | 8mm-14mm  | 1000               |
| PGWS300 | 30                | 8mm-14mm  | 1000               |
| PGWS400 | 40                | 10mm-20mm | 250                |
| PGWS500 | 50                | 10mm-20mm | 200                |
| PGWS750 | 75                | 08mm-20mm | 100                |
| PGWS100 | 100               | 16mm-32mm | 50                 |



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## Pile Cage Spacer

Heavy duty spacer, specifically designed to give cover to pile cage reinforcement steel. It can maintain a concrete cover of 75mm to 100mm and used for bar sizes varies 14mm to 16mm.



| MODEL    | Concrete Cover MM | Bar size | Pcs per<br>package |
|----------|-------------------|----------|--------------------|
| PGPCO750 | 75mm              | 14-16    | 100                |
| PGPCV750 | 75mm              | 14-16    | 100                |
| PGPCO100 | 100mm             | 16       | 100                |

#### **Base Plate Spacer**

These are wide based plastic spacers designed to support mesh or bar reinforcement off polythene membranes without puncturing the surface. It can maintain a concrete cover of 25mm to 70mm and used for bar sizes varies 8mm to 16mm.



| MODEL    | Concrete Cover MM | Bar size      | Pcs per package |
|----------|-------------------|---------------|-----------------|
| PGBP2530 | 25 30             | 08MM TO 14 MM | 500             |
| PGBP4050 | 40 50             | 08MM TO 14 MM | 250             |
| PGBP6070 | 60 70             | 08MM TO 16 MM | 150             |



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# **Safety Rebar Caps**

#### Rebar Safety Caps (Mushroom Yellow)

Highly visible colors Rebar Caps are used on the top of construction site steel rebar to ensure safety of workers. They protect workers against minor injuries caused by exposed rebar on site. Bar sizes varies 8mm to 32mm.



| MODEL     | Bar size | Pcs per Package |
|-----------|----------|-----------------|
| PGMRC0816 | 08-16 MM | 1000            |
| PGMRC1632 | 16-32 MM | 500             |

#### **Rebar Safety Caps (Orange Dome)**

Orange safety rebar caps are used as warning sign of freely protruding rebar ends at construction site, prevent tearing of protective sheets and improve workers safety. It is also used as protection in rebar storage and transportation. Bar sizes varies 8mm to 40mm.



| MODEL     | Bar size | Pcs per Package |
|-----------|----------|-----------------|
| PGORC0816 | 08-16 MM | 1000            |
| PGORC1632 | 16-32 MM | 1000            |
| PGORC2540 | 25-40 MM | 250             |



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# Shim Pads

#### **Square Shim Pads**

Plastic Square shims are ideal for packing during erection of precast units. Square shims are sized with 70mm x 70mm and having thickness varies 2mm to 10mm.



#### **U Shim Pads**

U shims are ideal for packing during façade installation. U Shim pads are sized 70mm in length and having a thickness varies 2mm to 10mm.



| MODEL   | Length mm | Thickness mm | Pcs per<br>Package |
|---------|-----------|--------------|--------------------|
| PGSSP02 | 70 x 70   | 2            | 1500               |
| PGSSP03 | 70 x 70   | 3            | 1500               |
| PGSSP05 | 70 x 70   | 5            | 1000               |
| PGSSP10 | 70 x 70   | 10           | 500                |
| PGUSP02 | 70        | 2            | 2000               |
| PGUSP03 | 70        | 3            | 2000               |
| PGUSP05 | 70        | 5            | 1500               |
| PGUSP10 | 70        | 10           | 1000               |



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# **Plastic Chamfer**

### **PVC Chamfer**

PVC Chamfers provide smooth and professional finish for all right angle material intersections. E.g. corners, walls, columns and beams etc. PVC Chamfer is having nail hole slots to fix easily to formwork. The length of the strip is 2m and size of right angle available in 10mm, 15mm, 20mm, 25mm & 30mm.



| MODEL  | Size a | Size b | Length Mtr | Qty/bundle |
|--------|--------|--------|------------|------------|
| PGPC10 | 10     | 15     | 2          | 50         |
| PGPC15 | 15     | 21     | 2          | 50         |
| PGPC20 | 20     | 28     | 2          | 50         |
| PGPC25 | 25     | 35     | 2          | 50         |
| PGPC30 | 30     | 41     | 2          | 50         |

## **PVC Chamfer with nailing flange**

Used to chamfer corners of stairs columns etc. or pre-cast concrete products. The length of the strip is 2.5m and sizes of right angle available in 10mm, 15mm, 20mm, 25mm & 30mm



| MODEL   | Size a | Size b | Size c | Length<br>Mtr | Qty/Bundle |
|---------|--------|--------|--------|---------------|------------|
| PGPCF10 | 10     | 15     | 24     | 2.5           | 50         |
| PGPCF15 | 15     | 21     | 31     | 2.5           | 50         |
| PGPCF20 | 20     | 28     | 36     | 2.5           | 50         |
| PGPCF25 | 25     | 35     | 45     | 2.5           | 50         |
| PGPCF30 | 30     | 41     | 53     | 2.5           | 50         |



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## **Precast Accessories**

#### **Steel Chamfer**

MS chamfer provide smooth and professional finish for all right angle material intersection. E.g. corners, walls, columns and beams etc. The length of the steel strip is 4 m and size of right angle available in 10mm, 15mm, 20mm, 25mm & 30mm.



| MODEL  | Size a | Size b | Size c | Length<br>Mtr |
|--------|--------|--------|--------|---------------|
| PGSC10 | 10     | 10     | 14.14  | 4             |
| PGSC15 | 15     | 15     | 21.21  | 4             |
| PGSC20 | 20     | 20     | 28.28  | 4             |
| PGSC25 | 25     | 25     | 35.35  | 4             |

#### **Lifting Clutch**

The Ring Clutch & lifting eye is a lifting assembly consisting of a bail, clutch, and curved bolt handle. Capacity varies from 1.3 ton to 45 ton and 2.5 ton to 26.0 ton respectively.



| Model    | Load Group (kg) | Length (mm) | Description        |
|----------|-----------------|-------------|--------------------|
| PGLC0013 | 1000-1300       | 165         | 1.3 T Lifting Eye  |
| PGLC0025 | 2000-2500       | 205         | 2.5 T Lifting Eye  |
| PGLC0050 | 4000-5000       | 240         | 5.0 T Lifting Eye  |
| PGLC0100 | 7500-10000      | 346         | 10.0 T Lifting Eye |
| PGLC0200 | 15000-20000     | 520         | 20.0 T Lifting Eye |
| PGLC0320 | 32000           | 590         | 32.0 T Lifting Eye |
| PGLC0450 | 45000           | 590         | 45.0 T Lifting Eye |

| Model   | Load Group (kg) | Length (mm) | Description        |
|---------|-----------------|-------------|--------------------|
| PGRC025 | 700-2500        | 259         | 2.5 T Ring Clutch  |
| PGRC050 | 3000-5000       | 325         | 5.0 T Ring Clutch  |
| PGRC100 | 5300-10000      | 431         | 10.0 T Ring Clutch |
| PGRC260 | 12500-26000     | 620         | 26.0 T Ring Clutch |

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## **Spherical Anchor & Capstan Anchor**

Spherical head anchor is cast into the concrete together with a removable recess former, and can be used to carry loads in all directions. Anchors with load capacities of up to 450 KN are available.



## 1. Eye Spherical Head Anchor

| Model       | Safe Working<br>Load (kg) | Lenght (mm) |
|-------------|---------------------------|-------------|
| PGSAE013065 | 1300                      | 65          |
| PGSAE025090 | 2500                      | 90          |
| PGSAE025120 | 2500                      | 120         |
| PGSAE050090 | 5000                      | 90          |
| PGSAE050120 | 5000                      | 120         |
| PGSAE010115 | 10000                     | 115         |
| PGSAE010240 | 10000                     | 180         |
| PGSAE020250 | 20000                     | 250         |
| PGSAE032300 | 32000                     | 300         |



#### 2. Spherical Head Anchor



| Load Group<br>(kg) | Model      | Safe Working Load<br>(kg) | Lenght (mm) |
|--------------------|------------|---------------------------|-------------|
|                    | PGSHA13035 | 1300                      | 35          |
|                    | PGSHA13040 | 1300                      | 40          |
|                    | PGSHA13050 | 1300                      | 50          |
| 1.3 TON            | PGSHA13055 | 1300                      | 55          |
|                    | PGSHA13065 | 1300                      | 65          |
|                    | PGSHA13085 | 1300                      | 85          |
|                    | PGSHA13120 | 1300                      | 120         |

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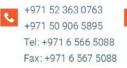
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|          | PGSHA25045 | 2500  | 45  |
|----------|------------|-------|-----|
|          | PGSHA25055 | 2500  | 55  |
|          | PGSHA25065 | 2500  | 65  |
|          | PGSHA25070 | 2500  | 70  |
|          | PGSHA25085 | 2500  | 85  |
| 2.5 TON  | PGSHA25100 | 2500  | 100 |
|          | PGSHA25120 | 2500  | 120 |
|          | PGSHA25140 | 2500  | 140 |
|          | PGSHA25170 | 2500  | 170 |
|          | PGSHA25240 | 2500  | 240 |
|          | PGSHA25280 | 2500  | 280 |
|          | PGSHA50065 | 5000  | 65  |
|          | PGSHA50075 | 5000  | 75  |
|          | PGSHA50080 | 5000  | 80  |
|          | PGSHA50085 | 5000  | 85  |
|          | PGSHA50095 | 5000  | 95  |
|          | PGSHA50100 | 5000  | 100 |
|          | PGSHA50110 | 5000  | 110 |
|          | PGSHA50120 | 5000  | 120 |
| 5.0 TON  | PGSHA50140 | 5000  | 140 |
|          | PGSHA50150 | 5000  | 150 |
|          | PGSHA50160 | 5000  | 160 |
|          | PGSHA50170 | 5000  | 170 |
|          | PGSHA50210 | 5000  | 180 |
|          | PGSHA50210 | 5000  | 210 |
|          | PGSHA50240 | 5000  | 240 |
|          | PGSHA50340 | 5000  | 340 |
|          | PGSHA50480 | 5000  | 480 |
|          | PGSHA75085 | 7500  | 85  |
|          | PGSHA75095 | 7500  | 95  |
|          | PGSHA75100 | 7500  | 100 |
|          | PGSHA75120 | 7500  | 120 |
|          | PGSHA75140 | 7500  | 140 |
|          | PGSHA75150 | 7500  | 150 |
| 7.5 TON  | PGSHA75160 | 7500  | 160 |
|          | PGSHA75165 | 7500  | 165 |
|          | PGSHA75200 | 7500  | 200 |
|          | PGSHA75240 | 7500  | 240 |
|          | PGSHA75300 | 7500  | 300 |
|          | PGSHA75540 | 7500  | 540 |
| 10.0 TON | PGSHA10085 | 10000 | 85  |



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|          | PGSHA10100 | 10000 | 100  |
|----------|------------|-------|------|
|          | PGSHA10110 | 10000 | 110  |
|          | PGSHA10115 | 10000 | 115  |
|          | PGSHA10120 | 10000 | 120  |
|          | PGSHA10135 | 10000 | 135  |
|          | PGSHA10150 | 10000 | 150  |
|          | PGSHA10170 | 10000 | 170  |
|          | PGSHA10200 | 10000 | 200  |
|          | PGSHA10220 | 10000 | 220  |
|          | PGSHA10250 | 10000 | 250  |
|          | PGSHA10340 | 10000 | 340  |
|          | PGSHA10650 | 10000 | 650  |
|          | PGSHA10680 | 10000 | 680  |
|          | PGSHA15140 | 15000 | 140  |
|          | PGSHA15150 | 15000 | 150  |
|          | PGSHA15165 | 15000 | 165  |
|          | PGSHA15200 | 15000 | 200  |
| 15.0 TON | PGSHA15210 | 15000 | 210  |
|          | PGSHA15300 | 15000 | 300  |
|          | PGSHA15400 | 15000 | 400  |
|          | PGSHA15840 | 15000 | 840  |
|          | PGSHA20165 | 20000 | 165  |
|          | PGSHA20200 | 20000 | 200  |
| 20.0 TON | PGSHA20250 | 20000 | 250  |
| 20.0 101 | PGSHA20340 | 20000 | 340  |
|          | PGSHA20500 | 20000 | 500  |
|          | PGSHA20100 | 20000 | 1000 |
|          | PGSHA32175 | 32000 | 175  |
|          | PGSHA32280 | 32000 | 280  |
| 32.0 TON | PGSHA32500 | 32000 | 500  |
|          | PGSHA32700 | 32000 | 700  |
|          | PGSHA32120 | 32000 | 1200 |
| 45.0 TON | PGSHA45500 | 45000 | 500  |
| 40.0 TON | PGSHA45120 | 45000 | 1200 |



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## 3. Spherical Anchor Double Head

| Model      | Safe Working Load<br>(kg) | Lenght (mm) |
|------------|---------------------------|-------------|
| PGSAD13055 | 1300                      | 55          |
| PGSAD13085 | 1300                      | 85          |
| PGSAD13120 | 1300                      | 120         |
| PGSAD25055 | 2500                      | 55          |
| PGSAD25085 | 2500                      | 85          |
| PGSAD25110 | 2500                      | 110         |
| PGSAD25120 | 2500                      | 120         |
| PGSAD25170 | 2500                      | 170         |
| PGSAD25240 | 2500                      | 240         |
| PGSAD50075 | 5000                      | 75          |
| PGSAD50080 | 5000                      | 80          |
| PGSAD50120 | 5000                      | 120         |
| PGSAD50240 | 5000                      | 240         |



#### Rubber Recess

Rubber Recess Formers are used for mounting anchors to formwork, or floating installation for all variations of Spread Anchors and Spherical anchors. A smaller version is available for Universal Anchors.



### 1. Round Rubber Recess

| Model   | Load Group  | Width (mm) | Length (mm) | Height (mm) |
|---------|-------------|------------|-------------|-------------|
| PGRR013 | 1300        | 32         | 66          | 10          |
| PGRR025 | 2500        | 39         | 80          | 14          |
| PGRR050 | 5000        | 48         | 100         | 20          |
| PGRR075 | 7500        | 48         | 100         | 24          |
| PGRR100 | 10000       | 61         | 128         | 28          |
| PGRR150 | 15000       | 61         | 128         | 38          |
| PGRR200 | 20000       | 80         | 170         | 40          |
| PGRR450 | 32000-45000 | 107        | 236         | 50          |

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#### 2. Flat Rubber Recess

| Model   | Load Group  | Width (mm) | Length (mm) | Height (mm) |
|---------|-------------|------------|-------------|-------------|
| PGFR013 | 700-1300    | 30         | 63          | 35          |
| PGFR025 | 1400-2500   | 48         | 104         | 45          |
| PGFR050 | 3000-5000   | 49         | 126         | 59          |
| PGFR100 | 5300-10000  | 67         | 188         | 85          |
| PGFR260 | 12500-26000 | 112        | 232         | 121         |

#### **Erection Anchor**

The Tech Erection Anchor is designed for use with precast elements during the edge lifting and rotation/handling process. If desired, the anchor utilizes a shear plate and tension bar that loops through the anchor to distribute the load into the concrete. The capacity varies from 1.3 ton to 26 ton.



#### 1. Erection Anchor

| Model   | Safe Working Load<br>(kg) | Length (mm) | Width (mm) | Thickness (mm) |
|---------|---------------------------|-------------|------------|----------------|
| PGEA014 | 1400                      | 200         | 55         | 6              |
| PGEA025 | 2500                      | 230         | 55         | 10             |
| PGEA050 | 5000                      | 290         | 70         | 15             |
| PGEA075 | 7500                      | 320         | 95         | 15             |
| PGEA100 | 10000                     | 390         | 95         | 20             |

#### 2. Two Hole Anchor

| Model   | Safe Working Load<br>(kg) | Length (mm) | Width (mm) | Thickness (mm) |
|---------|---------------------------|-------------|------------|----------------|
| PGTH014 | 1400                      | 90          | 30         | 6              |
| PGTH025 | 2500                      | 90          | 30         | 10             |
| PGTH050 | 5000                      | 120         | 40         | 15             |
| PGTH075 | 7500                      | 160         | 60         | 15             |
| PGTH100 | 10000                     | 170         | 60         | 20             |
| PGTH220 | 22000                     | 300         | 80         | 20             |



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#### Wire Loop

Connecting Loops are single-wire loops for connecting precast wall panels to each other or to a column. Connecting Loops make wall installation easy: just remove the tape and bend the loop to the operating position. The size of loops available in 60mm, 80mm and 100mm.



| Model    | Inside Loop (mm) | Box Length<br>(mm) | Box Width (mm) | Box Height (mm) |
|----------|------------------|--------------------|----------------|-----------------|
| PGWLB060 | 60               | 160                | 50             | 20              |
| PGWLB080 | 80               | 160                | 50             | 20              |
| PGWLB100 | 100              | 160                | 50             | 20              |
| PGWLB120 | 120              | 160                | 50             | 20              |
| PGWLB140 | 140              | 200                | 70             | 30              |

## **Corrugated Pipe & Galvanized Steel Coil**

| Bore Ø d<br>(mm) | Allowable<br>Deviation | Width of<br>Stripes (mm) | Thickness of<br>Stripes (mm) | Spiral Angle<br>a° | Mandrel<br>Ø | Spiral Guider<br>Ø (mm) | Pipe Die<br>Ø (mm) | Number of<br>Gear Teeth | Point Load<br>(N) | Even Load<br>(N) | Deformation<br>(mm) |
|------------------|------------------------|--------------------------|------------------------------|--------------------|--------------|-------------------------|--------------------|-------------------------|-------------------|------------------|---------------------|
| 40               | + 0.5                  | 36                       | 0.25 -                       | 10°49'             | 22           | 40                      | 40                 | 27                      | 800               | 496              | <8                  |
| 45               |                        |                          | 0.3 (+ /                     | 9°38′              | 22           | 45                      | 45                 | 30                      | 800               | 628              | <9                  |
| 50               |                        |                          | - 0.02)                      | 8°41'              | 35           | 50                      | 50                 | 33                      | 800               | 775              | <10                 |
| 55               |                        |                          |                              | 7°55'              | 35           | 55                      | 55                 | 36                      | 800               | 938              | <11                 |
| 60               |                        |                          |                              | 7°16′              | 35           | 60                      | 60                 | 39                      | 800               | 1116             | <12                 |
| 65               |                        |                          |                              | 6°43′              | 35           | 65                      | 65                 | 42                      | 800               | 1310             | <13                 |
| 70               |                        |                          |                              | 6°14'              | 35           | 70                      | 70                 | 45                      | 800               | 1519             | <14                 |
| 75               |                        |                          |                              | 5°49'              | 35           | 75                      | 75                 | 49                      | 800               | 1744             | <15                 |
| 80               |                        |                          |                              | 5°28′              | 35           | 80                      | 80                 | 52                      | 800               | 1984             | <16                 |
| 85               |                        |                          |                              | <mark>5°08'</mark> | 35           | 85                      | 75                 | 55                      | 800               | 2240             | <17                 |
| 90               |                        |                          |                              | 4°51'              | 35           | 90                      | 90                 | 58                      | 800               | 2511             | <18                 |
| 95               |                        |                          |                              | 4°36'              | 35           | 95                      | 95                 | 61                      | 800               | <b>2</b> 798     | <19                 |
| 100              |                        |                          |                              | 4°22'              | 35           | 100                     | 100                | 65                      | 800               | 3100             | <20                 |
| 105              | +1.0                   |                          |                              | 4°10'              | 35           | 105                     | 105                | 68                      | 800               | 3418             | <21                 |
| 110              |                        |                          |                              | 3°58′              | 35           | 110                     | 111                | 70                      | 800               | 3751             | <22                 |



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Corrugated pipes are mainly used in precast concrete products and pre-stressed concrete for providing better sturdy sleeve and injection concrete grout. The diameter of pipe varies from 30mm to 80mm. The length can be made as per the customer requirement.



#### Threaded Socket & Loops

Lifting sockets and fixing sockets are used in precast concrete, GRC, facades and cladding industries for fixing, lifting and installation. The sizes varies from 6mm to 36mm having both M thread and RD thread. The capacity hold by sockets varies from1.3 ton to 45 ton. Lifting loops are used as an assembly with sockets which directly clamped with crane hoist.



## 1. Lifting Loop

| Model  | Thread Dia. (M) | Length<br>(mm) | Safe<br>Working<br>Load<br>(kg) |
|--------|-----------------|----------------|---------------------------------|
| PGLL12 | 12              | 155            | 500                             |
| PGLL16 | 16              | 165            | 1200                            |
| PGLL20 | 20              | 215            | 2000                            |
| PGLL24 | 24              | 255            | 2500                            |
| PGLL30 | 30              | 300            | 4000                            |
| PGLL36 | 36              | 360            | 6300                            |
| PGLL42 | 42              | 425            | 8000                            |
| PGLL52 | 52              | 530            | 12500                           |



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## 2. <u>RD Socket</u>

| Model     | Thread Dia. (RD) | Length<br>(mm) | Safe<br>Working<br>Load<br>(kg) |
|-----------|------------------|----------------|---------------------------------|
| PGRD12040 | 12               | 40             | 500                             |
| PGRD16054 | 16               | 54             | 1200                            |
| PGRD20069 | 20               | 69             | 2000                            |
| PGRD24078 | 24               | 79             | 2500                            |
| PGRD30105 | 30               | 105            | 4000                            |
| PGRD36125 | 36               | 125            | 6300                            |
| PGRD42145 | 42               | 145            | 8000                            |
| PGRD52195 | 52               | 195            | 12500                           |



## 3. Flat Plate Socket

| Model  | Thread Dia. (RD) | Length<br>(mm) | Safe<br>Working<br>Load<br>(kg) |
|--------|------------------|----------------|---------------------------------|
| PGFP12 | 12               | 30             | 500                             |
| PGFP16 | 16               | 35             | 1200                            |
| PGFP20 | 20               | 47             | 2000                            |
| PGFP24 | 24               | 54             | 2500                            |
| PGFP30 | 30               | 72             | 4000                            |
| PGFP36 | 36               | 84             | 6300                            |
| PGFP42 | 42               | 98             | 8000                            |
| PGFP52 | 52               | 117            | 12500                           |



## 4. Solid Rod Socket

| Model  | Thread Dia. (RD) | Length<br>(mm) | Safe<br>Working<br>Load<br>(kg) |
|--------|------------------|----------------|---------------------------------|
| PGSR10 | 10               | 42             | 600                             |
| PGSR12 | 12               | 50             | 900                             |
| PGSR12 | 12               | 75             | 900                             |
| PGSR16 | 16               | 75             | 1700                            |
| PGSR20 | 20               | 75             | 2300                            |
| PGSR24 | 24               | 100            | 3000                            |
| PGSR30 | 30               | 125            | 6000                            |
| PGSR36 | 36               | 140            | 7000                            |
| PGSR42 | 42               | 150            | 8500                            |
| PGSR52 | 52               | 180            | 13000                           |



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## 5. Solid Rod Socket with Pin

| Model   | Thread<br>Dia. (RD) | Length<br>(mm) | Safe<br>Working<br>Load<br>(kg) | Pin<br>thickness<br>mm | Pin<br>Length<br>mm |
|---------|---------------------|----------------|---------------------------------|------------------------|---------------------|
| PGSRP10 | 10                  | 42             | 600                             | 6/8                    | 50                  |
| PGSRP12 | 12                  | 50             | 900                             | 10                     | 75                  |
| PGSRP12 | 12                  | 75             | 900                             | 10                     | 75                  |
| PGSRP16 | 16                  | 75             | 1700                            | 10/12                  | 75                  |
| PGSRP20 | 20                  | 75             | 2300                            | 12/14                  | 90                  |
| PGSRP24 | 24                  | 100            | 3000                            | 16                     | 100                 |
| PGSRP30 | 30                  | 125            | 6000                            | 18                     | 110                 |
| PGSRP36 | 36                  | 140            | 7000                            | 20                     | 125                 |
| PGSRP42 | 42                  | 150            | 8500                            | 25                     | 145                 |
| PGSRP52 | 52                  | 180            | 13000                           | 28                     | 165                 |



## 6. Fixing Socket

| Model     | Thread Dia.<br>(M) | Length (mm) | Safe Working<br>Load (kg) |
|-----------|--------------------|-------------|---------------------------|
| PGFS08050 | 8                  | 50          | 250                       |
| PGFS10050 | 10                 | 50          | 350                       |
| PGFS12060 | 12                 | 60          | 500                       |
| PGFS12070 | 12                 | 70          | 800                       |
| PGFS16080 | 16                 | 80          | 850                       |
| PGFS16100 | 16                 | 100         | 1000                      |
| PGFS16120 | 16                 | 120         | 1200                      |
| PGFS20100 | 20                 | 100         | 1300                      |
| PGFS20120 | 20                 | 120         | 1400                      |
| PGFS24120 | 24                 | 120         | 1800                      |



## 7. Fixing Socket with Cross Pin

| Model      | Thread<br>Dia. (M) | Length<br>(mm) | Safe<br>Working<br>Load<br>(kg) | Pin<br>thickness<br>mm | Pin<br>Length<br>mm |
|------------|--------------------|----------------|---------------------------------|------------------------|---------------------|
| PGFSP08050 | 8                  | 50             | 250                             | 8                      | 50                  |
| PGFSP10050 | 10                 | 50             | 350                             | 10                     | 70                  |
| PGFSP12060 | 12                 | 60             | 500                             | 12                     | 70                  |
| PGFSP16080 | 16                 | 80             | 850                             | 12                     | 100                 |
| PGFSP16100 | 16                 | 100            | 1000                            | 12                     | 100                 |
| PGFSP16120 | 16                 | 120            | 1200                            | 12                     | 100                 |
| PGFSP20100 | 20                 | 100            | 1300                            | 14                     | 120                 |
| PGFSP24120 | 24                 | 120            | 1800                            | 14                     | 150                 |



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| Model      | Thread Dia.<br>(M) | Length (mm) | Safe Working<br>Load (kg) |
|------------|--------------------|-------------|---------------------------|
| PGFSB08050 | 8                  | 50          | 180                       |
| PGFSB10035 | 10                 | 35          | 240                       |
| PGFSB12045 | 12                 | 45          | 400                       |
| PGFSB12060 | 12                 | 60          | 500                       |
| PGFSB12070 | 12                 | 70          | 800                       |
| PGFSB16060 | 16                 | 60          | 950                       |
| PGFSB16100 | 16                 | 100         | 1300                      |
| PGFSB20070 | 20                 | 70          | 1200                      |
| PGFSB20100 | 20                 | 100         | 1600                      |
| PGFSB24080 | 24                 | 80          | 1600                      |

#### 8. Fixing Socket with Bend End



#### **Backing Rod**

Closed cell polyethylene foam rod are used in various types of expansion joints, strips of suitable diameter and Length can be used as padding at the edge of bitumen impregnated, closed cell foam expansion joint filler sheets. Joints in trafficked surfaces, bridges, roads, runways and pedestrian areas. Joints in concrete roofs, walls, cladding and floors. Diameter sizes varies from 6mm to 100mm.



| Model  | Sizes | Length Mtr / Roll |
|--------|-------|-------------------|
| PGBR06 | 06mm  | 1200              |
| PGBR08 | 08mm  | 800               |
| PGBR10 | 10mm  | 800               |
| PGBR12 | 12mm  | 600               |
| PGBR20 | 20mm  | 360               |
| PGBR25 | 25mm  | 200               |
| PGBR30 | 30mm  | 100               |
| PGBR40 | 40mm  | 100               |
| PGBR50 | 50mm  | 50                |



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## **Binding Wire**

### 1. **GI Binding Wire**

GI Binding wire are galvanized binding wire with coating of Zn in order to prevent from rusting. The gauge varies from 16 to 23. To avoid attack from the moisture package is done with polythene covering overlapped with hessian cloth.



## 2. Black Annealed Binding Wire

Black annealed binding wire is made of carbon steel wire. Used for weaving and bailing in general but in some case it's used in the construction industry for rebar tying. To avoid attack from the moisture package is done with polythene covering overlapped with hessian cloth



## 3. Epoxy/PVC Coated Binding Wire

PVC coated/Epoxy coated Binding Wire is the steel wire coated with epoxy or PVC in order to prevent from chemical attack. Used in some special case of construction like offshore, underwater and seaside construction etc.



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## **Fasteners & Fixtures**

## 1. Drop in Anchor/Uni-fix

Drop-In anchors are female concrete anchors designed for anchoring into concrete. Drop the anchor into the pre-drilled hole in the concrete. Using a setting tool expands the anchor within the hole in the concrete. Drop-in anchors require a setting tool to install.



| Model  | Sizes M | Length mm |
|--------|---------|-----------|
| PGDA06 | 6       | 25        |
| PGDA08 | 8       | 30        |
| PGDA10 | 10      | 40        |
| PGDA12 | 12      | 50        |
| PGDA16 | 16      | 65        |
| PGDA20 | 20      | 80        |

## 2. Threaded Rod

Galvanized (G.I) Threaded Rod is a round rod with threads and could be fastened from both ends. This thread varies from 6mm to 36mm. Available in galvanized iron and stainless steel. In length 1m, 2m and 3m.



| Model  | Sizes M | Length mm |
|--------|---------|-----------|
| PGTR06 | 6       | 2000      |
| PGTR08 | 8       | 2000      |
| PGTR10 | 10      | 2000      |
| PGTR12 | 12      | 2000      |
| PGTR16 | 16      | 2000      |
| PGTR20 | 20      | 2000      |



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## 3. Hex Nuts

A Hex nut is a type of fastener with a threaded hole. Nuts are almost always used in conjunction with a mating bolt to fasten multiple parts together. The two partners are kept together by a combination of their threads friction. A slight stretching of the bolt, and compression of the parts to be held together.

| Hex Nut      | S    |      |       |       |      |      |      |                   |     |       |     |     |     |     |
|--------------|------|------|-------|-------|------|------|------|-------------------|-----|-------|-----|-----|-----|-----|
| CEP .        | 1    |      | E     |       |      |      |      | 5587              | ,   |       |     |     |     |     |
| Carbon Steel |      | Stai | nless | steel |      |      | m    | ) <sup>120*</sup> |     | (O) s |     |     |     |     |
| d            | M3   | M4   | M5    | M6    | M7   | M8   | M10  | M12               | M14 | M16   | M18 | M20 | M22 | M24 |
| Coarse Pitch | 0.5  | 0.7  | 0.8   | 1     | 1    | 1.25 | 1.5  | 1.75              | 2   | 2     | 2.5 | 2.5 | 2.5 | 3   |
| Fine Pitch   | 0.35 | 0.5  | 0.5   | 0.75  | 0.75 | 1    | 1.25 | 1.25              | 1.5 | 1.5   | 1.5 | 1.5 | 1.5 | 2   |
| S            | 5.5  | 7    | 8     | 10    | 11   | 13   | 17   | 19                | 24  | 24    | 27  | 30  | 32  | 36  |
| m            | 3    | 4    | 5     | 6     | 7    | 8    | 10   | 12                | 16  | 16    | 18  | 20  | 22  | 24  |
| d            | M27  | M30  | M33   | M36   | M39  | M42  | M45  | M48               | M52 | M56   | M60 | M64 | M68 | M72 |
| Coarse Pitch | 3    | 3.5  | 3.5   | 4     | 4    | 4.5  | 4.5  | 5                 | 5   | 5.5   | 5.5 | 6   | 6   | 6   |
| Fine Pitch   | 2    | 2    | 2     | 3     | 3    | 3    | 3    | 3                 | 3   | 4     | 4   | 4   | 4   | 4   |
| S            | 41   | 46   | 50    | 55    | 60   | 65   | 70   | 75                | 80  | 85    | 90  | 95  | 100 | 105 |
|              | 27   | 30   | 33    | 36    | 39   | 42   | 45   | 48                | 52  | 56    | 60  | 64  | 68  | 72  |





| 5588 - | DIN 934    |
|--------|------------|
|        |            |
| )d     | $\bigcirc$ |
|        | 5588 -     |

-m-

Carbon Steel

Stainless steel

| d            | М3   | M4  | M5  | M6   | M7   | M8   | M10  | M12  | M14 | M16 | M18 | M20 | M22 | M24 |
|--------------|------|-----|-----|------|------|------|------|------|-----|-----|-----|-----|-----|-----|
| Coarse Pitch | 0.5  | 0.7 | 0.8 | 1    | 1    | 1.25 | 1.5  | 1.75 | 2   | 2   | 2.5 | 2.5 | 2.5 | 3   |
| Fine Pitch   | 0.35 | 0.5 | 0.5 | 0.75 | 0.75 | 1    | 1.25 | 1.25 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 2   |
| S            | 5.5  | 7   | 8   | 10   | 11   | 13   | 17   | 19   | 24  | 24  | 27  | 30  | 32  | 36  |
| m            | 2.4  | 3.2 | 4   | 5    | 5.5  | 6.5  | 8    | 10   | 11  | 13  | 15  | 16  | 18  | 19  |
| d            | M27  | M30 | M33 | M36  | M39  | M42  | M45  | M48  | M52 | M56 | M60 | M64 | M68 | M72 |
| Coarse Pitch | 3    | 3.5 | 3.5 | 4    | 4    | 4.5  | 4.5  | 5    | 5   | 5.5 | 5.5 | 6   | 6   | 6   |
| Fine Pitch   | 2    | 2   | 2   | 3    | 3    | 3    | 3    | 3    | 3   | 4   | 4   | 4   | 4   | 4   |
| S            | 41   | 46  | 50  | 55   | 60   | 65   | 70   | 75   | 80  | 85  | 90  | 95  | 100 | 105 |
| m            | 22   | 24  | 26  | 29   | 31   | 34   | 36   | 38   | 42  | 45  | 48  | 51  | 54  | 58  |
|              |      |     |     |      |      |      |      |      |     |     |     |     |     |     |



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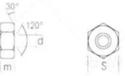








UNI 5589 - DIN 936



| d            | M5  | M6   | M7   | M8   | M10  | M12  | M14 | M16 | M18 | M20 | M22 | M24 | M27 | M30 |
|--------------|-----|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|
| Coarse Pitch | 0.8 | 1    | 1    | 1.25 | 1.5  | 1.75 | 2   | 2   | 2.5 | 2.5 | 2.5 | 3   | 3   | 3.5 |
| Fine Pitch   | 0.5 | 0.75 | 0.75 | 1    | 1.25 | 1.25 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 2   | 2   | 2   |
| S            | 8   | 10   | 11   | 13   | 17   | 19   | 22  | 24  | 27  | 30  | 32  | 36  | 41  | 46  |
| m            | 3.5 | 4    | 4    | 5    | 6    | 7    | 8   | 8   | 9   | 9   | 10  | 10  | 12  | 12  |
| d            | M33 | M36  | M39  | M42  | M45  | M48  | M52 | M56 | M60 | M64 | M68 | M72 | M76 | M80 |
| Coarse Pitch | 3.5 | 4    | 4    | 4.5  | 4.5  | 5    | 5   | 5.5 | 5.5 | 6   | 6   | 6   | 6   | 6   |
| Fine Pitch   | 2   | 3    | 3    | 3    | 3    | 3    | 3   | 4   | 4   | 4   | 4   | 4   | 4   | 4   |
| S            | 50  | 55   | 60   | 65   | 70   | 75   | 80  | 85  | 90  | 95  | 100 | 105 | 110 | 115 |
| m            | 14  | 14   | 16   | 16   | 18   | 18   | 20  | 22  | 24  | 26  | 26  | 28  | 30  | 32  |





Carbon Steel

 $\sim$ 

Stainless steel

# UNI 5713 - DIN 6915



| d | M12 | M14 | M16 | M18 | M20 | M22 | M24 | M27  | M30  |
|---|-----|-----|-----|-----|-----|-----|-----|------|------|
| b | 20  | 22  | 25  | 28  | 30  | 34  | 39  | 43.5 | 55.5 |
| m | 10  | 11  | 13  | 15  | 16  | 18  | 19  | 22   | 24   |
| s | 22  | 24  | 27  | 30  | 32  | 36  | 41  | 46   | 49   |

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## 4. Washers

A washer is a thin plate (typically disk-shaped, but sometimes square) with a hole (typically in the middle) that is normally used to distribute the load of a threaded fastener, such as a bolt or nut. Other uses are as a spacer, spring (Belleville washer, wave washer), wear pad, preload indicating device, locking device, and to reduce vibration (rubber washer).

|  |  |  |   |  |   |                               |                               |                        | 0.   | 11 65  |  |   |  |                                      |                        |                                 |                      |
|--|--|--|---|--|---|-------------------------------|-------------------------------|------------------------|--|--|--|---|--|--------------------------------------|------------------------|---------------------------------|----------------------|
|  | $\bigcirc$                                   |  |   |  |   |                               |                               |                        | (  | $\overline{O}$                               | d1   |   | 1                                      |                                      |                        |                                 |                      |
| Car                                    | rbon St                                      | eel                                      |   | Stai   | nless   | steel                         |                               |                        | int  | d2   |  |   | 5                                      |                                      |                        |                                 |                      |
| Φ                                      | M3   | MЗ                                       | M4  | M4   | M5  | M5                            | M6                            | M6                     | M7   | M8   | M8   | M10   | M10                                    | M12                                  | M12                    | M14                             | M16                  |
| d1                                     |  | -  | 4.3                                       | 4.3  | 5.3   | 5.3                           | 6.4                           | 6.4                    | 7.4  | 8.4  | 8.4  | 10.5  | 10.5                                   | 13                                   | 13                     | 15                              | 17                   |
| d2                                     | 6  | 7  | 8   | 9  | 9.5   | 10                            | 11                            | 12                     | 14   | 14   | 16   | 18  | 20                                     | 20                                   | 24                     | 28                              | 30                   |
| S                                      | -  | -  | 0.8                                       | 0.8  | 1   | 1                             | 1.6                           | 1.6                    | 1.6  | 1.6  | 1.6  | 2   | 2                                      | 2.5                                  | 2.5                    | 2.5                             | 3                    |
| Φ                                      | M18  | M20                                      | M22                                       | M24  | M27   | M30                           | M33                           | M36                    | M39  | M42  | M45  | M48   | M52                                    | M56                                  | M58                    | M60                             | M6                   |
| d1                                     | 19   | 21                                       | 23  | 25   | 27  | 31                            | 34                            | 37                     | 40   | 43   | 46   | 50  | 54                                     | 58                                   | 60                     | 62                              | 66                   |
| d2                                     | 34   | 37                                       | 39  | 44   | 50  | 56                            | 60                            | 66                     | 72   | 78   | 85   | 92  | 98                                     | 105                                  | 110                    | 110                             | 11                   |
| uz                                     | 04   | 0/                                       | 0,  |  | 0.575   |                               |                               |                        |  |  |  |   |  |                                      |                        |                                 |                      |
| s                                      | 3  | 3  | 3   | 4  | 4   | 4                             | 5                             | 5                      | 6<br>UU  | 7<br>NI 65                                   | 7<br>93 -                                    | 8<br>DIN  | 8<br>9021                              | 9<br>I - IC                          | 9<br>0S 70             | 9<br>93                         | 9                    |
| s                                      | 3  | 3  |   | 4  | •   |                               | 5                             | 5                      | ú.   | 0  |  | 3   | 9021                                   |                                      |                        |                                 | 9                    |
| s                                      | 3  | 3  |   | 4  | 4   |                               | 5                             | 5                      | ú.   |  | 93 -   | 3   | uu                                     |                                      |                        |                                 | 9                    |
| s<br>Carl                              | 3  | 3  |   | 4<br>Stair   | nless   | steel                         | 5<br>M6                       | 5<br>M6                | ú.   | 0  | 93 -<br>d1                                   | DIN   | 9021                                   |                                      |                        |                                 | 540                  |
| s<br>Carl                              | 3<br>bon Ste                                 | 3<br>eel                                 | 3   | 4<br>Stain   | nless   | steel<br>M5                   | <                             | ALC: No.               | 10   | NI 65  | 93 -<br>d1<br>Mi                             | DIN<br>B M  | 9021                                   | 1 - 10                               | os 70                  | 93                              | M                    |
| s<br>Carl<br>Φ                         | 3<br>bon Stor<br>M3                          | 3<br>eel<br>M4                           | 3<br>M4                                   | 4<br>Stair   | nless<br>5 N<br>3 5   | steel                         | M6                            | M6                     | Ur<br>(<br>M7                                  | NI 65  | 93 -<br>d1<br>Mi                             | DIN<br>8 M<br>4 8   | 9021                                   | I - IO<br>M9                         | N9                     | 93<br>M10                       | M <sup>1</sup>       |
| s<br>Carl<br>Φ<br>d1<br>d2             | 3<br>bon Sto<br>M3<br>3.2                    | 3<br>eeel<br>M4<br>4.3                   | 3<br>M4<br>4.3                            | 4<br>Stair   | 0<br>nless<br>5 N<br>3 5<br>5 2   | M5<br>5.3<br>20               | M6<br>6.4                     | M6<br>6.4              | UI<br>(<br>M7<br>7.6                           | NI 65<br>0<br>d2<br>M7<br>7.6                | 93 -<br>d1<br>Ma<br>8.4                      | DIN<br><u>8 M</u><br><u>4 8</u><br><u>4 3</u>               | 9021<br>  s<br> 18   4<br> 2           | M9<br>9.6                            | M9<br>9.6              | 93<br>M10<br>10.5               | M <sup>-</sup><br>10 |
| s<br>Carl<br>Φ<br>d1<br>d2<br>s        | 3<br>bon Sto<br>M3<br>3.2<br>9               | 3<br>eel<br>M4<br>4.3<br>12              | 3<br>M4<br>4.3<br>16<br>1                 | 4<br>Stain<br>M<br>3 5.<br>11<br>1.                | Image: 5         M           3         5           5         2  | M5<br>5.3<br>20               | M6<br>6.4<br>18               | M6<br>6.4<br>24<br>1.6 | UT<br>(<br>M7<br>7.6<br>21<br>2                | M7<br>7.6<br>28<br>2.5                       | 93 -<br>d1<br>Ma<br>8.4<br>24                | DIN<br><u>8 M</u><br><u>4 8</u><br><u>4 3</u>               | 9021<br>s<br>18 1<br>4 0<br>2<br>5 2   | M9<br>9.6<br>27<br>2.5               | M9<br>9.6<br>38<br>2.5 | 93<br>M10<br>10.5<br>30         | M1<br>10<br>40<br>2. |
| s<br>Cari<br>Φ<br>dd1<br>dd2<br>s<br>Φ | 3<br>bon Sto<br>M3<br>3.2<br>9<br>0.8        | 3<br>eeel<br>M4<br>4.3<br>12<br>1        | 3<br>M4<br>4.3<br>16<br>1                 | 4<br>Stain<br>3 5.<br>11<br>1.                     | Image: 5         M           3         5           5         2  | M5<br>5.3<br>20               | M6<br>6.4<br>18<br>1.6        | M6<br>6.4<br>24<br>1.6 | UN<br>(<br><u>M7</u><br>7.6<br>21<br>2<br>18 M | M7<br>7.6<br>28<br>2.5                       | 93 -<br>d1<br><u>Mi</u><br>8.4<br>24<br>32   | DIN<br><u>8 M</u><br><u>4 8</u><br><u>4 3</u><br><u>2 6</u> | 9021<br>s<br>18 1<br>.4 0<br>2<br>.5 2 | M9<br>9.6<br>27<br>2.5               | M9<br>9.6<br>38<br>2.5 | M10<br>10.5<br>30<br>2.5        | M1<br>10<br>40<br>2. |
| s<br>Carl<br>Φ<br>d1<br>d2             | 3<br>bon Sto<br>M3<br>3.2<br>9<br>0.8<br>M12 | 3<br>eeel<br>M4<br>4.3<br>12<br>1<br>M12 | 3<br>M4<br>4.3<br>16<br>1<br>1<br>2<br>M1 | 4<br>Stain<br>3 5.<br>18<br>1.<br>1.<br>1.<br>14 M | Image: mail of the second se | M5<br>5.3<br>20<br>1.2<br>M16 | M6<br>6.4<br>18<br>1.6<br>M16 | M6<br>6.4<br>24<br>1.6 | UN<br>(<br>7.6<br>21<br>2<br>18 M<br>0         | M7 65<br>d2<br>M7<br>7.6<br>28<br>2.5<br>118 | 93 -<br>d1<br><u>8.4</u><br><u>32</u><br>M20 | DIN<br>3 M<br>4 8<br>4 3<br>2 6<br>M20                      | 9021<br>s<br>18 1<br>.4 0<br>2<br>.5 2 | M9<br>97.6<br>27<br>2.5<br>22 N<br>3 | M9<br>9.6<br>38<br>2.5 | M10<br>10.5<br>30<br>2.5<br>M27 | 5-411                |



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Prestige building material trading tr llc sole proprietorship Block A. shed no 2, Po Box 2517 Al Sajaa industrial area, Sharjah UAE



## 5. <u>Clevis Hanger</u>

| Standard                        | Duty Clevis Hanger  |   |
|---------------------------------|---|---|
| Material :                      | Carbon Steel - Zinc Plated<br>Plain Oil Finished<br>Stainless Steel - SS304 / SS316   |   |
| <ul> <li>Application</li> </ul> | : Designed for suspending stationary pipe lines.<br>Design of hanger allows for vertical adjustment.  |   |
| Ordering :                      | Specify pipe size and figure number .<br>This hanger is only available in sizes<br>1/2" to 5" and in design for light loads<br>only .For heavier loads refer to figure<br># HDCH clevis hanger. | U |
| <ul> <li>Approvals :</li> </ul> | Complies with manufacturers standardization<br>Society SP-69 Type 1   |   |



1/2" thru 6" ,Zinc Plated only



3/4" thru 5" ,Zinc Plated only

| S     | IZE       | -,  | <b>A</b> * | *B      | 3"  | - C     | )"<br>" | -0  | D* | lower M      | aterial | Upper M     | aterial | Max<br>Rec Load |
|-------|-----------|-----|------------|---------|-----|---------|---------|-----|----|--------------|---------|-------------|---------|-----------------|
| in    | pipe size | in  | mm         | in      | mm  | in      | mm      | in  | mm | in           | mm      | in          | mm      | lbs.            |
| 1/2   | 21.4      | 3/8 | 10         | 2-13/16 | 71  | 2-11/32 | 60      | 1/4 | 6  | 3/32 x 7/8   | 2x22    | 332 x 7/8   | 2x22    | 250             |
| 34    | 26.7      | 3/8 | 10         | 3       | 76  | 2-7/16  | 62      | 1/4 | 6  | 3/32 x 7/8   | 2x22    | 3/32 x 7/8  | 2x22    | 250             |
| 1     | 33.4      | 3/8 | 10         | 3-5/16  | 84  | 2-5/8   | 67      | 1/4 | 6  | 3/32 x 7/8   | 2x22    | 3/32 x 7/8  | 2x22    | 250             |
| 1-1/4 | 42.2      | 3/8 | 10         | 3-11/16 | 93  | 2-13/16 | 71      | 1/4 | 6  | 3/32 x 7/8   | 2x22    | 3/32 x 7/8  | 2x22    | 250             |
| 1-1/2 | 48.3      | 3/8 | 10         | 4       | 101 | 3       | 76      | 1/4 | 6  | 3/32 x 7/8   | 2x22    | 332 x 7/8   | 2x22    | 250             |
| 2     | 60.4      | 3/8 | 10         | 4-7/16  | 112 | 3-3/16  | 81      | 1/4 | 6  | 3/32 x 7/8   | 2x22    | 3/32 x 7/8  | 2x22    | 250             |
| 2-1/2 | 73.1      | 1/2 | 13         | 5-3/8   | 136 | 3-29/32 | 99      | 3/8 | 10 | 1/8 x1-3/16  | 3x30    | 1/8 x1-3/16 | 3x30    | 350             |
| 3     | 88.9      | 1/2 | 13         | 6       | 152 | 4-7/32  | 107     | 3/8 | 10 | 1/8 x1-3/16  | 3x30    | 1/8 x1-3/16 | 3x30    | 350             |
| 3-1/2 | 101.6     | 1/2 | 13         | 6-5/8   | 168 | 4-9/16  | 116     | 3/8 | 10 | 1/8 x1-3/16  | 3x30    | 1/8 x1-3/16 | 3x30    | 350             |
| 4     | 114.3     | 5/8 | 17         | 7-1/2   | 190 | 5-13/64 | 132     | 3/8 | 10 | 1/8 x1-3/16  | 3x30    | 3/16x1-3/16 | 4.5x30  | 400             |
| 5     | 141.3     | 5/8 | 17         | 8-7/8   | 225 | 6-1/16  | 153     | 1/2 | 13 | 3/16 x1-3/16 | 4.5x30  | 14 x1-316   | 6x30    | 1430            |
| 6     | 168.3     | 3/4 | 20         | 10      | 254 | 6-5/8   | 169     | 1/2 | 13 | 3/16 x1-1/2  | 4.5x38  | 1/4 x1-1/2  | 6x38    | 1940            |
| 8     | 219.1     | 3/4 | 20         | 12-3/4  | 324 | 8-3/8   | 213     | 5/8 | 16 | 3/16 x1-1/2  | 4.5x38  | 1/4 x1-1/2  | 6x38    | 2000            |
| 10    | 273.1     | 7/8 | 23         | 16-5/8  | 423 | 11-1/4  | 286     | 3/4 | 19 | 1/4 x 2      | 6.0x50  | 516x2       | 8x50    | 3600            |
| 12    | 323.9     | 7/8 | 23         | 18-5/8  | 475 | 12-5/16 | 313     | 3/4 | 19 | 1/4 x 2      | 6.0x50  | 516x2       | 8x50    | 3800            |



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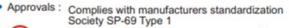


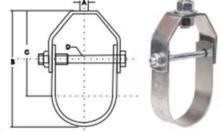




#### Heavy Duty Clevis Hanger

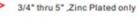
- Carbon Steel Zinc Plated · Material : Plain Oil Finish Stainless Steel -SS304 / SS316
- Application : Designed for suspending non-insulated stationary pipe, also stainless steel pipe, allowing for vertical adjustment .
- Ordering : Specify pipe size and figure number .





Approvals : Complies with manufacturers standardization Society SP-69 Type 1

ΨL US 1/2" thru 6" ,Zinc Plated only LISTED



| S     | IZE       | -/    | <b>A</b> " | "E      | 3*  | *0       |     | *(    | 0* | Lower M      | laterial | Upper N     | laterial | Max<br>Rec Load |
|-------|-----------|-------|------------|---------|-----|----------|-----|-------|----|--------------|----------|-------------|----------|-----------------|
| in    | pipe size | in    | mm         | in      | mm  | in       | mm  | in    | mm | in           | mm       | in          | mm       | lbs.            |
| 1/2   | 21.4      | 3/8   | 10         | 2-7/8   | 73  | 2-3/8    | 61  | 1/4   | 6  | 1/8 x 1      | 3x25     | 1/8 x 1     | 3x25     | 730             |
| 3/4   | 26.7      | 3/8   | 10         | 3-3/16  | 80  | 2-9/16   | 66  | 1/4   | 6  | 1/8 x 1      | 3x25     | 1/8×1       | 3x25     | 730             |
| 1     | 33.4      | 3/8   | 10         | 3-3/8   | 86  | 2-11/16  | 68  | 1/4   | 6  | 1/8 x 1      | 3x25     | 1/8×1       | 3x25     | 730             |
| 1-1/4 | 42.2      | 3/8   | 10         | 3-3/4   | 95  | 2-3/4    | 73  | 1/4   | 6  | 1/8 x 1      | 3x25     | 1/8 x 1     | 3x25     | 730             |
| 1-1/2 | 48.3      | 3/8   | 10         | 4-1/16  | 103 | 3-1/16   | 78  | 1/4   | 6  | 1/8 x 1      | 3x25     | 1/8 x 1     | 3x25     | 730             |
| 2     | 60.4      | 3/8   | 10         | 4-1/2   | 114 | 3-1/4    | 83  | 1/4   | 6  | 1/8 x 1      | 3x25     | 1/8 x 1     | 3x25     | 730             |
| 2-1/2 | 73.1      | 1/2   | 13         | 5-1/2   | 140 | 4-1/16   | 103 | 3/8   | 10 | 8/16 x1-3/16 | 4.5x30   | 3/16x1-3/16 | 4.5x30   | 1350            |
| 3     | 88.9      | 1/2   | 13         | 6-1/8   | 155 | 4-5/16   | 109 | 3/8   | 10 | B/16 x1-3/16 | 4.5x30   | 3/16x1-3/16 | 4.5x30   | 1350            |
| 3-1/2 | 101.6     | 1/2   | 13         | 6-34    | 171 | 4-11/16  | 119 | 3/8   | 10 | B/16 x1-3/16 | 4.5x30   | 3/16x1-3/16 | 4.5x30   | 1350            |
| 4     | 114.3     | 5/8   | 16         | 7-5/8   | 193 | 5-5/16   | 135 | 3/8   | 10 | 3/16x1-3/16  | 4.5x30   | 1/4 x1-3/16 | 6x30     | 1430            |
| 5     | 141.3     | 5/8   | 16         | 8-7/8   | 225 | 6-1/16   | 153 | 1/2   | 13 | 3/16x1-3/16  | 4.5x30   | 1/4 x1-3/16 | 6x30     | 1430            |
| 6     | 168.3     | 3/4   | 20         | 10      | 254 | 6-5/8    | 169 | 1/2   | 13 | 3/16x1-1/2   | 4.5x38   | 1/4 x1-1/2  | 6x38     | 1940            |
| 8     | 219.1     | 3/4   | 20         | 12-3/4  | 324 | 8-3/8    | 213 | 5/6   | 16 | 3/16x1-1/2   | 4.5x38   | 1/4 x1-1/2  | 6x38     | 2000            |
| 10    | 273.1     | 7/8   | 23         | 16-5/8  | 423 | 11-1/4   | 286 | 3/4   | 19 | 1/4 x 2      | 6x50     | 5/16x2      | 8x50     | 3600            |
| 12    | 323.9     | 7/8   | 23         | 18-5/8  | 475 | 12-5/16  | 313 | 3/4   | 19 | 1/4 x 2      | 6x50     | 5/16x2      | 8x50     | 3800            |
| 14    | 355.6     | 1     | 25         | 20-5/16 | 516 | 13-5/16  | 338 | 7/8   | 22 | 1/4 x 2      | 6x50     | 1/2 x 2     | 12x50    | 4200            |
| 16    | 406.4     | 1     | 25         | 22-1/16 | 560 | 14       | 355 | 1     | 25 | 1/4 x 2-1/2  | 6x64     | 1/2 x 2-1/2 | 12x64    | 4600            |
| 18    | 457.2     | 1     | 25         | 24-3/4  | 628 | 17-3/4   | 399 | 1-1/8 | 28 | 1/4 x 2-1/2  | 6x64     | 1/2 x 2-1/2 | 12x64    | 4800            |
| 20    | 508.0     | 1-1/4 | 32         | 27-3/8  | 695 | 19-5/8   | 441 | 1-1/4 | 32 | 5/16 x 3     | 8x76     | 58x3        | 16x76    | 4800            |
| 24    | 609.6     | 1-1/4 | 32         | 31-5/8  | 803 | 15-11/16 | 498 | 1-1/4 | 32 | 5/16 x 3     | 8x76     | 58x3        | 16x76    | 4800            |

FM



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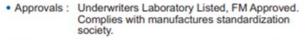
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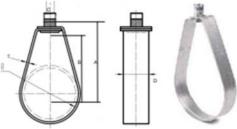


## 6. Swivel Band Hanger

#### Swivel Band Hanger

- Material: Carbon Steel Pre-Galvanized
- Application : Use for all general purpose and fire protection lines. The knurled nut allows for hanger alignment and adjustment after installation.
- Ordering : Specify pipe size and figure number .







1/2" thru 6" ,Pre-Galvanized only

3/4" thru 6" ,Pre-Galvanized,only

Max "C" "A" "B" "D" \*T\* Size Rec Load pipe size metric mm mm in mm in in in gauge lbs. 16 18 300 21.4 3/8 M10 54.50 41.50 5/8 1.2 1/2 3/4 26.7 3/8 M10 60.50 45.34 5/8 16 1.2 18 300 33.4 3/8 M10 64.16 47.73 5/8 16 1.2 18 300 1 1-1/4 42.2 3/8 M10 70.74 54.31 5/8 16 1.2 18 300 48.3 57.58 1.2 300 1-1/2 3/8 M10 74.01 5/8 16 18 3/8 2 60.4 M10 82.59 66.16 5/8 16 1.2 18 300 2-1/2 73.1 3/8 M10 104.5 88.69 22 16 600 7/8 1.5 88.9 M10 112.5 7/8 22 1.5 16 600 3 3/8 96.12 3-1/2 101.6 3/8 M10 120.5 100.5 7/8 22 1.5 16 600 114.3 3/8 M10 126.9 110.7 7/8 22 1.5 1000 4 16 4 114.3 3/8 M10 126.9 110.7 7/8 22 2.0 14 1200 2.5 12 5 141.3 1/2 M12 145.5 135.7 3/4 19 1000 6 168.3 1/2 M12 173.2 154.1 3/4 19 2.5 12 1200 219.1 211.5 3/4/1 2.5 12 1200 192.4 19/25 8 1/2 M12



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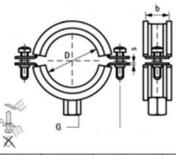




## 7. Rubber Lined Pipe Clamp

#### **Rubber Lined Pipe Clamp**

- Carbon Steel Zinc Plated Material : **EPDM Rubber**
- · Application : Designed for all horizontal, vertical & roof hanging installations
- Ordering : Specify figure number and pipe size. Without Rubber type mark "PC-" Other thickness also available
- · Note:





| Cat No    | Pipe  | Size | Range   | T(for | choice) | b(for | choice) |     | S(for c | hoice) |     | G  | (for choi | ce)  |
|-----------|-------|------|---------|-------|---------|-------|---------|-----|---------|--------|-----|----|-----------|------|
| Cat.No.   | in    | mm   | D       | m     | m       | n     | m       |     | m       | m      |     |    | mm        |      |
| PCWR-014  | -     | 15   | 12-16   | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-038  | 3/8   | 18   | 15-19   | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-050  | 1/2   | 22   | 20-25   | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-075  | 3/4   | 28   | 26-30   | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-100  | 1     | 35   | 32-36   | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-125  | 1-1/4 | 40   | 38-43   | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-150  | 1-1/2 | 48   | 47-51   | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-175  |       | 54   | 53-58   | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-200  | 2     | 60   | 60-64   | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-225  | -     | 70   | 68-72   | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-250  | 2-1/2 | 75   | 75-80   | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-275  |       | 83   | 81-86   | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-300  | 3     | 90   | 87-92   | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-350  | 3-1/2 | 100  | 99-105  | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-400  | 4     | 110  | 107-112 | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-400* | -     | 115  | 113-118 | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-475  |       | 125  | 125-130 | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-500  | 5     | 140  | 138-142 | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-600  | 6     | 160  | 159-166 | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-800  | 8     | 200  | 200-212 | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-800* | -     | 220  | 215-226 | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-1000 | 10    | 250  | 248-252 | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |
| PCWR-1200 | 12    | 315  | 313-318 | M6    | M8      | 20    | 25      | 1.2 | 1.5     | 2.0    | 2.5 | M8 | M10       | M8+1 |



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# Nails

## 1. Wire Nails

| Common nai | ls                            | The    | length      | The d | iameter   | The weight/<br>1000nails | Quantity/<br>ky |
|------------|-------------------------------|--------|-------------|-------|-----------|--------------------------|-----------------|
|            |                               | inch   |             |       |           |                          | piece           |
| 1 582.72   | Characteristic:Bright         | 1/2    | 9.52        | 20    | 0.89      | 0.046                    | 21730           |
|            | finished,Anti-rust,Strong and | 3/4    |             |       | 1.47      | 0.25                     | 4000            |
|            | hard                          | 1-11/2 | 25.40-38.10 | 14-16 | 1.65-2.11 | 0.42-1.03                | 971-2380        |
| 1300       | L                             | 2-21/2 | 63.5-50.80  |       | 2.77-3.05 | 2.37-3.58                | 279-422         |
| 4          | Length:1/2"-7"                | 3-31/2 | 76.2-88.9   | 9-10  | 3.40-3.76 | 5.35-7.65                | 131-187         |
|            |                               | 4-7    | 101.6-177.8 |       | 4.19-6.05 | 10.82-40.32              | 24.8-92.4       |

## 2. Steel Nails

| • Concrete nails |   | Length | mm      | Gauge NO.    |
|------------------|---|--------|---------|--------------|
|                  |   | 3/4"   | 19.050  | BWG11/12     |
|                  | Diameter:BWG7-BWG12                         |        | 25.400  | BWG10/11/12  |
| 6                | Length:3/4-4"                               |        | 38.099  | BWG9/10/11   |
| DET !!           |   | 2*     | 50.800  | BWG8/9/10/11 |
| - AC             | Shank:Smooth,grooved shank                  | 21/2*  | 63.499  | BWG8/9/10    |
|                  | Packing:Bags or Carton,As customers request |        | 76.200  | BWG7/8/9     |
|                  |   |        | 101.600 | BWG7/8/9     |

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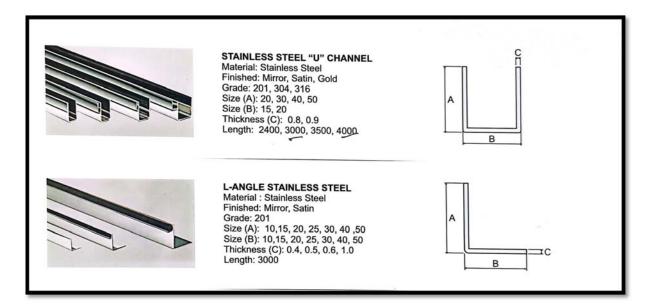
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# **Stainless Steel Fixing**

#### 1. U Channels & L Angles



#### 2. Square Tubes & Round Pipes



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