

# TRUSS HD SELF DRILLING SCREW

STRONGER CONNECTION. FASTER INSTALLATION.



## HIGH STRENGTH

Engineered for superior holding power and structural integrity.



## SELF DRILLING

Drill, tap and fasten in one operation. Saves time and increases efficiency.



## CORROSION RESISTANT

Available in Zinc Plated and HDG Galvanized for long lasting protection.



## SECURE FASTENING

Truss head design provides a wider bearing surface for stronger clamping.

### PRODUCT SPECIFICATION

|              |                                        |
|--------------|----------------------------------------|
| PRODUCT      | : TRUSS HD SELF DRILLING SCREW         |
| MATERIAL     | : CARBON STEEL                         |
| FINISH       | : ZINC PLATED (CR3+)<br>HDG GALVANIZED |
| HEAD TYPE    | : TRUSS HEAD                           |
| DRIVE TYPE   | : PHILLIPS (PH2)                       |
| THREAD TYPE  | : HI-LO THREAD                         |
| POINT TYPE   | : #5 DRILL POINT                       |
| SIZE RANGE   | : #8 – #14                             |
| LENGTH RANGE | : 16mm – 100mm                         |

### FINISH AVAILABLE

#### ZINC PLATED



#### HDG GALVANIZED



### APPLICATION

#### ALUMINIUM



#### ROOF



#### GUTTER



#### GLASS



#### DOOR



#### AWNING



### APPLICATION IN ACTION







# UNIVERSAL BOLTS & NUTS SDN BHD



Industrial Hardware Series

## HEX SELF DRILLING SCREW SERIES

**ENGINEERED FOR  
RELIABLE ROOF FASTENING  
AND EFFICIENT INSTALLATION.**

- ✓ Available with or without bonder washer to suit different sealing requirements.
- ✓ Designed for strong penetration, consistent thread engagement, and dependable outdoor performance.
- ✓ Fast drilling performance reduces installation time and improves productivity.
- ✓ Widely used for metal roofing, cladding, light steel structures, and general construction applications.

### HEX SDS (HW) – With Bonder Washer



Enhanced  
Water Sealing



Prevents  
Leakage



Stronger  
Weather  
Protection



### HEX SDS (HO) – Without Bonder Washer



Secure  
Fixing



Fast  
Drilling



High  
Holding  
Power



### APPLICATIONS



ROOFING  
INSTALLATION



METAL  
CLADDING



STEEL  
STRUCTURE



CONSTRUCTION  
WORK



### FINISHING OPTIONS



#### ZINC PLATED

Clean, durable finish with good corrosion resistance for general applications.



#### YELLOW ZINC

Corrosion-resistant coating for improved durability and performance.



#### RUSPERT COATED

Superior corrosion resistance for harsh outdoor environments.



CORROSION  
RESISTANT



STRONG  
PENETRATION



DEPENDABLE  
HOLDING POWER



FAST & EASY  
INSTALLATION



OUTDOOR  
DURABILITY





## CSK PHILIPS HEAD SELF TAPPING SCREW

NICKEL PLATED

ZINC PLATED

Reliable countersunk self tapping screw for neat flush fastening and durable everyday installation work. Suitable for aluminium, renovation, glass accessories, plastic fixing, factory assembly and engineering applications.



PACKED IN BOX

BULK PACK AVAILABLE

### SIZE AVAILABLE

| #6                                                                                                                                                                                      | #8                                                                                                                                                                                                                                              | #10                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>#6 x 1/2"</li><li>#6 x 3/4"</li><li>#6 x 1"</li><li>#6 x 1 1/4"</li><li>#6 x 1 1/2"</li><li>#6 x 2"</li><li>#6 x 2 1/2"</li><li>#6 x 3"</li></ul> | <ul style="list-style-type: none"><li>#8 x 3/8"</li><li>#8 x 3/4"</li><li>#8 x 1"</li><li>#8 x 1 1/4"</li><li>#8 x 1 1/2"</li><li>#8 x 1 3/4"</li><li>#8 x 2"</li><li>#8 x 2 1/2"</li><li>#8 x 3"</li><li>#8 x 3 1/2"</li><li>#8 x 4"</li></ul> | <ul style="list-style-type: none"><li>#10 x 1"</li><li>#10 x 1 1/4"</li><li>#10 x 1 1/2"</li><li>#10 x 2"</li><li>#10 x 2 1/2"</li><li>#10 x 3"</li></ul> |

### FEATURES



Sharp thread for easy driving



Countersunk head for flush finish



Strong and durable fastening



Good corrosion resistance

### APPLICATION



Aluminium Fabrication



Renovation Works



Glass Installation



Plastic Fixing



Factory Assembly



Engineering Projects

**QUALITY FASTENERS  
FOR EVERY PROJECT**



UNIVERSAL BOLTS & NUTS SDN BHD  
(1580064-D)

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012-481 6755



# HEX SELF TAPPING SCREW SEM FLAT WASHER

**BLACK ZINC**

**SIZE : M6 x 20**

High quality hex self tapping screw with SEM flat washer for strong fastening, corrosion resistance and long lasting performance.



#### RUST RESISTANT

Black zinc coating provides excellent protection against rust and corrosion.



#### DURABLE

Made from high quality carbon steel for superior strength and long service life.



#### SECURE & STRONG

Sharp threads for maximum grip and secure, stable fastening.



#### PRODUCT SPECIFICATIONS

|             |                                           |
|-------------|-------------------------------------------|
| TYPE        | HEX SELF TAPPING SCREW<br>SEM FLAT WASHER |
| MATERIAL    | CARBON STEEL                              |
| FINISH      | BLACK ZINC                                |
| SIZE        | M6 x 20                                   |
| HEAD TYPE   | HEX HEAD (PHILLIPS DRIVE)                 |
| WASHER TYPE | SEM FLAT WASHER                           |
| THREAD TYPE | SELF TAPPING                              |
| POINT TYPE  | SHARP POINT                               |

#### FEATURES & BENEFITS

- ✓ **RUST RESISTANT**  
Black zinc coating for excellent rust and corrosion resistance.
- ✓ **DURABLE**  
High quality carbon steel ensures high strength and long service life.
- ✓ **SECURE & STRONG**  
Sharp self tapping threads provide strong holding power and secure fastening.

#### WIDE APPLICATION



Widely used in automotive repair shops, modification workshops and various industrial applications.



AUTO REPAIR SHOPS



MODIFICATION WORKSHOPS

#### PACKING DETAILS



- ✓ Packed in strong cartons for safe handling and storage.
- ✓ Bulk packing available.

#### NOTE

- Use proper tools for installation.
- Store in a dry place to maintain product quality.



**STRONG HOLD.  
STRONG CONNECTION.**  
Reliable Fastening  
for Every Application.



# ROUND HD MACHINE SCREW & NUT



## HIGH QUALITY

Made from premium steel for superior strength and durability.



## ZINC PLATED

Corrosion resistant zinc plating for long lasting protection.



## STRONG & RELIABLE

Designed for secure fastening and excellent holding power.



## WIDE APPLICATION

Ideal for roofing, machine, trunking, electrical, and general assembly work.

### ROUND HD MACHINE SCREW & NUT



Round head design for neat finish and strong fastening in machine and general use.

### ROUND HD MACHINE SCREW & NUT



Round head design for neat finish and strong fastening in machine and general use.

### TRUNKING SCREW & NUT



Suitable for trunking, electrical installation and a variety of industrial applications.

## SIZE AVAILABLE

**DIAMETER : 1/4"**

**LENGTH**

1/4 x 1/2"

1/4 x 5/8"

1/4 x 3/4"

1/4 x 1"

1/4 x 1 1/4"

1/4 x 1 1/2"

1/4 x 2"

1/4 x 2 1/2"

## MATERIAL & FINISH

✓ Material : Carbon Steel

✓ Finish : Zinc Plated (Bright)



**ZINC PLATED**

## APPLICATION



Roofing



Electrical  
Trunking



Machine



Metal  
Fabrication



HVAC



General  
Assembly

## PACKING DETAILS



**Bulk Packing**

Packed in strong cartons for safe handling and storage.

- ✓ Secure Packing
- ✓ Easy Handling
- ✓ Consistent Quality



**STRONG FASTENING  
BUILT TO LAST**

Reliable performance for every application.



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(1580064-D)



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## SD INDUSTRIAL HARDWARE SERIES

# CUSTOM FASTENER SOLUTIONS

### Custom-Made Anchor Bolts, Stud Bolts & U-Bolts

*Built to Your Drawing. Finished to Your Requirement.*

**1** L Shape Anchor Bolts



**2** J Shape Anchor Bolts



**3** V Shape Anchor Bolts



**4** Hook Type Anchor Bolts



**5** Square Type J-Bolts



**6** B7 Stud Bolts



**7** B16 Stud Bolts



**8** L7 Stud Bolts



**8** Two End Thread Stud Bolts



**10** One End Thread Stud Bolts



**11** Square U-Bolts



#### CUSTOM PRODUCTS AVAILABLE

- 1 L Shape Anchor Bolts
- 2 J Shape Anchor Bolts
- 3 V Shape Anchor Bolts
- 4 Hook Type Anchor Bolts
- 5 Square Type J-Bolts
- 6 B7 Stud Bolts
- 7 B16 Stud Bolts
- 8 L7 Stud Bolts
- 9 Two End Thread Stud Bolts
- 10 One End Thread Stud Rod
- 11 Square U-Bolts

#### CUSTOM OPTIONS

- ✓ Any Size Available
- ✓ Any Finishing Available
- ✓ Send Us Your Drawing or Sample
- ✓ We Can Manufacture to Your Requirement

#### AVAILABLE FINISHING

- Self Colour
- HDG Galvanized
- Zinc Plated
- Mechanical Galvanizing
- Yellow Zinc
- Black Oxide
- Nickel Plated
- Black Zinc
- Fluorocarbon

#### MATERIAL OPTIONS

- 4.8
- ASTM A193 Grade B7M
- 8.8
- ASTM A193 Grade B16
- ASTM A193 Grade B8
- AISI 4140
- ASTM A193 Grade B8M
- SS304
- ASTM A193 Grade B7
- SS316

#### ESTIMATED PRODUCTION LEAD TIME\*

- |                                         |           |
|-----------------------------------------|-----------|
| Self Colour                             | 3-5 Days  |
| Zinc Plated / Yellow Zinc               | 5-7 Days  |
| Mechanical Galvanizing & HDG Galvanized | 9-12 Days |
| Black Oxide & Black Zinc                | 5-7 Days  |
| Fluorocarbon + Zinc Nickel              | 14 Days   |

\*Lead time depends on quantity and production requirement.

#### TYPICAL APPLICATIONS



Construction



Steel Structure



Machinery



Pipe Support



Oil & Gas



Industrial Fabrication





## 4.8 MILD STEEL U-BOLTS C/W 2 HEX NUTS

ZINC PLATED

AVAILABLE SIZES / PIPE OD / HEIGHT

*Reliable Pipe Support. Secure Every Fixing.*



### APPLICATIONS



Pipe Support



Plumbing



Mechanical  
Installation



Building  
Services



Electrical /  
Cable Support

| Dia | Pipe Size | Pipe OD (mm) | Height (mm) |
|-----|-----------|--------------|-------------|
| 1/2 | 2         | 61           | 85          |
| 1/2 | 2 1/2     | 77           | 105         |
| 1/2 | 3         | 89           | 118         |
| 1/2 | 4         | 115          | 150         |
| 1/2 | 5         | 140          | 176         |
| 1/2 | 6         | 166          | 210         |
| 1/2 | 7         | —            | —           |
| 1/2 | 8         | 217          | 262         |
| 1/2 | 9         | —            | —           |
| 1/2 | 10        | 268          | 320         |
| 1/2 | 12        | 319          | 380         |
| 1/2 | 14        | 356          | 420         |
| 1/2 | 16        | —            | —           |
| 1/2 | 18        | —            | —           |
| 1/2 | 20        | —            | —           |
| 1/2 | 22        | —            | —           |
| 1/2 | 24        | —            | —           |
| 5/8 | 4         | 115          | 150         |
| 5/8 | 5         | 140          | 176         |
| 5/8 | 6         | 166          | 210         |
| 5/8 | 8         | 217          | 262         |
| 5/8 | 10        | 268          | 320         |
| 5/8 | 12        | 319          | 380         |
| 5/8 | 14        | 356          | 420         |
| 5/8 | 16        | —            | —           |
| 5/8 | 18        | —            | —           |
| 5/8 | 20        | —            | —           |
| 5/8 | 22        | —            | —           |
| 5/8 | 24        | —            | —           |
| 3/4 | 6         | 166          | 210         |
| 3/4 | 8         | 217          | 262         |
| 3/4 | 10        | 268          | 320         |
| 3/4 | 12        | 319          | 380         |
| 3/4 | 14        | 356          | 420         |
| 3/4 | 16        | —            | —           |
| 3/4 | 18        | —            | —           |
| 3/4 | 20        | —            | —           |
| 3/4 | 24        | —            | —           |

Rows marked '—' indicate dimensions not shown in the source sheet. Please contact us for confirmation.

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## 4.8 MILD STEEL U-BOLTS C/W 2 HEX NUTS ZINC PLATED

*Reliable Pipe Support. Secure Every Fixing.*

### APPLICATIONS



Pipe Support



Plumbing



Mechanical  
Installation



Building  
Services



Electrical/  
Cable Support



### AVAILABLE SIZES / PIPE OD / HEIGHT

| Dia  | Pipe Size | Pipe OD (mm) | Height (mm) |
|------|-----------|--------------|-------------|
| 1/4  | 1/4       | 15           | 32          |
| 1/4  | 3/8       | 18           | 36          |
| 1/4  | 1/2       | 22           | 42          |
| 1/4  | 3/4       | 27           | 47          |
| 1/4  | 1         | 34           | 53          |
| 1/4  | 1 1/4     | 43           | 64          |
| 1/4  | 1 1/2     | 49           | 73          |
| 1/4  | 2         | 61           | 85          |
| 1/4  | 2 1/2     | 77           | 105         |
| 1/4  | 3         | 89           | 118         |
| 1/4  | 4         | 115          | 150         |
| 5/16 | 1         | 34           | 53          |
| 5/16 | 1 1/4     | 43           | 64          |
| 5/16 | 1 1/2     | 49           | 73          |
| 5/16 | 2         | 61           | 85          |
| 5/16 | 2 1/2     | 77           | 105         |
| 5/16 | 3         | 89           | 118         |
| 5/16 | 4         | 115          | 150         |
| 5/16 | 5         | 140          | 176         |
| 5/16 | 6         | 166          | 210         |
| 3/8  | 1         | 34           | 53          |
| 3/8  | 1 1/4     | 43           | 64          |
| 3/8  | 1 1/2     | 49           | 73          |
| 3/8  | 2         | 61           | 85          |
| 3/8  | 2 1/2     | 77           | 105         |
| 3/8  | 3         | 89           | 118         |
| 3/8  | 4         | 115          | 150         |
| 3/8  | 5         | 140          | 176         |
| 3/8  | 6         | 166          | 210         |
| 3/8  | 8         | 217          | 262         |





# MILD STEEL U-BOLTS C/W 2 HEX NUTS

**— HDG GALVANIZED —**

Heavy Duty Corrosion Protection. Reliable Pipe Support.



## 1. MARKETING

- ✓ Hot-dip galvanized coating for stronger corrosion resistance.
- ✓ Durable clamping solution for pipe and support installations.
- ✓ Reliable fastening performance for indoor and outdoor projects.
- ✓ Supplied complete with 2 hex nuts for easy installation.

## 2. APPLICATION



PIPE  
SUPPORT



CONSTRUCTION



FENCING



CABLE  
SUPPORT



MECHANICAL  
INSTALLATION



ROOFING  
STRUCTURE



INDUSTRIAL  
MAINTENANCE



OUTDOOR  
PROJECTS

## 3. MATERIAL / FEATURES / GENERAL INFO

|          |                                                                                                  |
|----------|--------------------------------------------------------------------------------------------------|
| Material | Mild Steel 4.8                                                                                   |
| Finish   | HDG Galvanized                                                                                   |
| Type     | U-Bolts C/W 2 Hex Nuts                                                                           |
| Brand    | SD                                                                                               |
| Company  | Universal Bolts & Nuts Sdn Bhd                                                                   |
| Features | Corrosion resistant, durable coating, secure pipe clamping, suitable for heavy-duty general use. |



**STRONG. SECURE.  
BUILT TO LAST.**

## 4. AVAILABLE SIZES

### 1/4

| Dia x Pipe Size | Pipe OD (mm) | Height (mm) |
|-----------------|--------------|-------------|
| 1/4 x 1/2       | 22           | 42          |
| 1/4 x 3/4       | 27           | 47          |
| 1/4 x 1         | 34           | 53          |
| 1/4 x 1 1/4     | 43           | 64          |

### 5/16

| Dia x Pipe Size | Pipe OD (mm) | Height (mm) |
|-----------------|--------------|-------------|
| 5/16 x 1        | 34           | 53          |
| 5/16 x 1 1/2    | 49           | 73          |
| 5/16 x 2        | 61           | 85          |
| 5/16 x 2 1/2    | 77           | 105         |
| 5/16 x 3        | 89           | 118         |
| 5/16 x 4        | 115          | 150         |
| 5/16 x 5        | 140          | 176         |

### 3/8

| Dia x Pipe Size | Pipe OD (mm) | Height (mm) |
|-----------------|--------------|-------------|
| 3/8 x 1 1/2     | 49           | 73          |
| 3/8 x 2         | 61           | 85          |
| 3/8 x 2 1/2     | 77           | 105         |
| 3/8 x 3         | 89           | 118         |
| 3/8 x 4         | 115          | 150         |
| 3/8 x 5         | 140          | 176         |
| 3/8 x 6         | 166          | 210         |
| 3/8 x 8         | 217          | 262         |

### 1/2

| Dia x Pipe Size | Pipe OD (mm) | Height (mm) |
|-----------------|--------------|-------------|
| 1/2 x 2         | 61           | 85          |
| 1/2 x 2 1/2     | 77           | 105         |
| 1/2 x 3         | 89           | 118         |
| 1/2 x 4         | 115          | 150         |
| 1/2 x 5         | 140          | 176         |
| 1/2 x 6         | 166          | 210         |
| 1/2 x 8         | 217          | 262         |
| 1/2 x 10        | 268          | 320         |
| 1/2 x 12        | 319          | 380         |

### 5/8

| Dia x Pipe Size | Pipe OD (mm) | Height (mm) |
|-----------------|--------------|-------------|
| 5/8 x 4         | 115          | 150         |
| 5/8 x 5         | 140          | 176         |
| 5/8 x 6         | 166          | 210         |
| 5/8 x 8         | 217          | 262         |



# HEX BOLTS DIN 931

## PARTIAL THREAD

**STRONG HOLD. PRECISION THREAD. RELIABLE PERFORMANCE.**



### PREMIUM QUALITY

Manufactured to DIN 931 standard for consistent quality and reliability.



### PRECISION THREAD

Partial thread for optimal clamping strength and secure fastening.



### MULTI-FINISH OPTIONS

Available in Black Oxide, Zinc Plated, HDG Galvanized and Rainbow Plated to suit various environments.



### WIDE APPLICATION

Ideal for machinery, metal structures, automotive, construction and general engineering use.

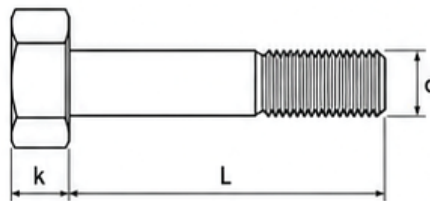


BLACK OXIDE

ZINC PLATED

HDG GALVANIZED

RAINBOW PLATED



d = Nominal Diameter

L = Length

k = Head Height

s = Width Across Flats

### PRODUCT SPECIFICATIONS

|                |                                                                      |
|----------------|----------------------------------------------------------------------|
| STANDARD       | DIN 931                                                              |
| TYPE           | HEX BOLT - PARTIAL THREAD                                            |
| MATERIAL       | CARBON STEEL                                                         |
| MATERIAL GRADE | 8.8 / 4.8                                                            |
| THREAD         | METRIC COARSE THREAD                                                 |
| STRENGTH CLASS | 8.8 / 4.8                                                            |
| FINISH         | BLACK OXIDE / ZINC PLATED / HDG GALVANIZED / RAINBOW PLATED          |
| APPLICATION    | MACHINERY, STRUCTURAL, AUTOMOTIVE, CONSTRUCTION, GENERAL ENGINEERING |

### IDEAL FOR



MACHINERY



STEEL STRUCTURE



AUTOMOTIVE



CONSTRUCTION



EQUIPMENT



GENERAL ENGINEERING

### AVAILABLE SIZES (MM) - DIN 931

| DIAMETER | LENGTH (MM) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|----------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
|          | 10          | 12 | 16 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 80 | 90 | 100 |
| M5       | ●           | ●  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
| M6       | ●           | ●  | ●  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
| M8       | ●           | ●  | ●  | ●  | ●  | ●  | ●  |    |    |    |    |    |    |    |    |    |     |
| M10      | ●           | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |    |    |    |    |    |    |     |
| M12      | ●           | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |    |    |    |     |
| M14      | ●           | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |    |     |
| M16      | ●           | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |     |
| M18      | ●           | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |     |
| M20      | ●           | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |     |
| M22      | ●           | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |     |
| M24      | ●           | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●   |
| M27      | ●           | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●   |
| M30      | ●           | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●   |

NOTE: Other sizes and lengths available upon request.



### GUARANTEED QUALITY

**FULL WEIGHT. NO COMPROMISE.**  
 NO SHORTCUTS. NO COMPROMISES.  
 WE DELIVER WHAT WE PROMISE.



### CONSULTANT / QC INSPECTION READY

**100% PASS GUARANTEED.**  
 STRICT QUALITY CONTROL.  
 BUILT TO MEET INSPECTION REQUIREMENTS.



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HIGH STRENGTH



DURABLE



PREMIUM FINISH



WIDE APPLICATION



# HEX BOLTS DIN 933

FULLY THREADED

**STRONG HOLD. PRECISION THREAD. RELIABLE PERFORMANCE.**



## PREMIUM QUALITY

Manufactured to DIN 933 standard for consistent quality and reliability.



## PRECISION THREAD

Fully threaded for maximum holding power and secure fastening.



## MULTI-FINISH OPTIONS

Available in Black Oxide, Zinc Plated, HDG Galvanized and Rainbow Plated to suit various environments.



## WIDE APPLICATION

Ideal for machinery, metal structures, automotive, construction and general engineering use.

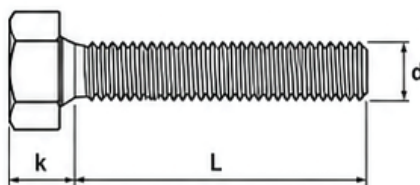


BLACK OXIDE

ZINC PLATED

HDG GALVANIZED

RAINBOW PLATED



d = Nominal Diameter

L = Length

k = Head Height

s = Width Across Flats

### PRODUCT SPECIFICATIONS

|                |                                                                         |
|----------------|-------------------------------------------------------------------------|
| STANDARD       | DIN 933                                                                 |
| TYPE           | HEX BOLT – FULLY THREADED                                               |
| MATERIAL       | CARBON STEEL                                                            |
| MATERIAL GRADE | 8.8 / 4.8                                                               |
| THREAD         | METRIC COARSE THREAD                                                    |
| STRENGTH CLASS | 8.8 / 4.8                                                               |
| FINISH         | BLACK OXIDE / ZINC PLATED /<br>HDG GALVANIZED / RAINBOW PLATED          |
| APPLICATION    | MACHINERY, STRUCTURAL, AUTOMOTIVE,<br>CONSTRUCTION, GENERAL ENGINEERING |

### IDEAL FOR



MACHINERY



STEEL STRUCTURE



AUTOMOTIVE



CONSTRUCTION



EQUIPMENT



GENERAL ENGINEERING

### AVAILABLE SIZES (MM) – DIN 933

| DIAMETER | LENGTH (MM) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|----------|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
|          | 10          | 12 | 16 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 80 | 90 | 100 |
| M5       | ●           | ●  | ●  | ●  | ●  | ●  |    |    |    |    |    |    |    |    |    |    |     |
| M6       | ●           | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |    |    |    |    |    |    |     |
| M8       | ●           | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |    |    |    |    |     |
| M10      | ●           | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |    |     |
| M12      | ●           | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |    |     |
| M14      | ●           | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |    |     |
| M16      | ●           | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |     |
| M18      | ●           | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |     |
| M20      | ●           | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |     |
| M22      | ●           | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |     |
| M24      | ●           | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |     |
| M27      | ●           | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |     |
| M30      | ●           | ●  | ●  | ●  |    |    |    |    |    |    |    |    |    |    |    |    |     |
|          |             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |

NOTE: Other sizes and lengths available upon request.



## GUARANTEED QUALITY

**FULL WEIGHT. NO COMPROMISE.**

NO SHORTCUTS. NO COMPROMISES.  
WE BELIEVE WHAT WE PROMISE.



## CONSULTANT / QC INSPECTION READY

**100% PASS GUARANTEED.**

STRICT QUALITY CONTROL.  
BUILT TO MEET INSPECTION REQUIREMENTS.



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HIGH STRENGTH



DURABLE



PREMIUM FINISH



WIDE APPLICATION



# HEX FLANGE BOLT

## YELLOW ZINC FINISH



CODE: SD-HFB01



### 1. HIGH STRENGTH FASTENING

Secure and reliable clamping performance.



### 2. HEX HEAD DESIGN

Easy tightening with standard wrench tools.



### 3. YELLOW ZINC FINISH

Good corrosion resistance and durable surface protection.



### 4. MULTIPLE SIZE OPTIONS

Available in M5, M6 and M8.



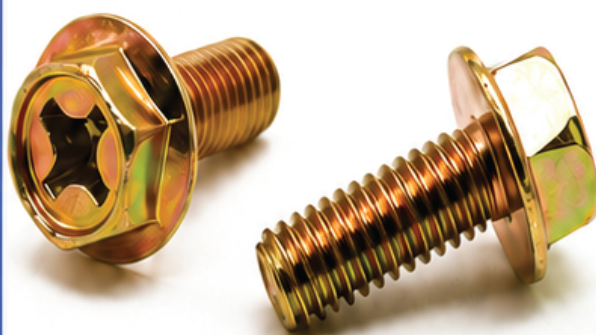
### 5. EASY INSTALLATION

Suitable for general assembly and repair work.



### 6. WIDE APPLICATION

Ideal for machinery, brackets, automotive, hardware and industrial use.



### AVAILABLE SIZE

| THREAD | PITCH | HEX WRENCH | AVAILABLE LENGTH                                  |
|--------|-------|------------|---------------------------------------------------|
| M5     | 0.8   | 8 mm       | 8 / 10 / 12 / 16 / 20 / 25 / 30 mm                |
| M6     | 1.0   | 10 mm      | 8 / 10 / 12 / 16 / 20 / 25 / 30 / 40 / 45 / 50 mm |
| M8     | 1.25  | 12 mm      | 12 / 16 / 20 / 25 / 30 / 35 / 40 / 45 / 50 mm     |

### GENERAL SPECIFICATIONS

|              |                                                                           |
|--------------|---------------------------------------------------------------------------|
| Product Name | Hex Flange Bolt                                                           |
| Finish       | Yellow Zinc                                                               |
| Brand        | SD                                                                        |
| Company      | Universal Bolts & Nuts Sdn Bhd                                            |
| Website      | <a href="http://www.universalbolts.com.my">www.universalbolts.com.my</a>  |
| Stock        | Ex-stock for Yellow Zinc                                                  |
| Other Finish | Blue Zinc / Zinc Plated available with chrome process, 2-3 days lead time |

### APPLICATION



Machinery Assembly



Brackets & Hardware



Automotive Repair



Electrical / General Fixing



Industrial Maintenance



### STOCK & FINISH INFO

Ex-stock: Yellow Zinc

Blue Zinc / Zinc Plated:

Chrome process required, lead time 2-3 days



[www.universalbolts.com.my](http://www.universalbolts.com.my)



DURABLE



RELIABLE FASTENING



CORROSION RESISTANT



MULTIPLE SIZE OPTIONS

SD INDUSTRIAL HARDWARE SERIES





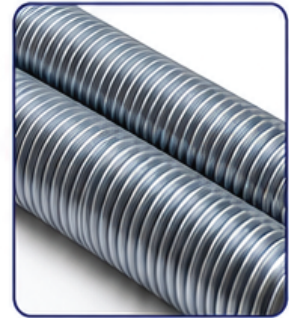
# MS STUD ROD

## ZINC PLATED

**STRAIGHT STRENGTH, RELIABLE SUPPORT.**

### 1. MARKETING

- Full thread rod for secure fastening and versatile installation.
- Suitable for suspension, support, anchoring and fabrication work.
- Zinc plated surface helps provide corrosion resistance for general use.
- Available in both inch and metric sizes for wide project compatibility.



### 2. APPLICATION



Ceiling  
Suspension



HVAC  
Support



Pipe  
Support



Electrical  
Installation



Cable Tray  
Support



Sprinkler  
System



Construction



Industrial  
Maintenance

### 3. MATERIAL / FEATURES / GENERAL INFO

|                             |                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------|
| Material                    | Mild Steel                                                                            |
| Finish                      | Zinc Plated                                                                           |
| Type                        | Full Thread Stud Rod                                                                  |
| Brand                       | SD                                                                                    |
| Company                     | Universal Bolts & Nuts Sdn Bhd                                                        |
| Length Options (Inch Sizes) | 6 Feet / 8 Feet                                                                       |
| Length Options (MM Sizes)   | 2 Meter / 3 Meter                                                                     |
| Features                    | Strong threading, durable support, easy cutting and installation, wide compatibility. |



#### 4A. AVAILABLE INCH SIZE

1/4   5/16   3/8   1/2   5/8   3/4   7/8   1"

Length: 6 Feet / 8 Feet

#### 4B. AVAILABLE MM SIZE

|     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| M6  | M8  | M10 | M12 | M14 | M16 | M18 | M20 | M22 |
| M24 | M27 | M30 | M33 | M36 | M39 | M42 | M48 |     |

Length: 2 Meter / 3 Meter



**GUARANTEED QUALITY**  
**FULL WEIGHT, NO COMPROMISE.**  
NO SHORTCUTS. NO COMPROMISES.  
WE USE WHAT WE ADVERTISE.



**CONSULTANT QUALITY INSPECTION**  
**100% PASS GUARANTEED.**  
STRICT QUALITY CONTROL.  
YOUR INSPECTION WILL PASS.





# COPPER CD STUD

HIGH CONDUCTIVITY • STRONG THREAD • RELIABLE CONNECTION



## SLOGAN

**STRONG CONNECTION,  
SUPERIOR CONDUCTIVITY.**

## APPLICATION



Electrical  
Equipment



Switchboard  
& Panel



Transformer



Battery  
Industry



Solar Power  
System



PCB & Electronic  
Component



Automotive



Industrial  
Machinery

## MARKETING

- Made from high quality copper for excellent electrical conductivity.
- CD (Cup Head) design provides larger contact surface for better current flow.
- Strong and durable threads ensure secure and stable fastening.
- Ideal for electrical, electronic and industrial applications.

## MATERIAL

High Purity Copper

## FEATURES

- ✓ Excellent electrical conductivity
- ✓ Corrosion resistance
- ✓ High tensile strength
- ✓ Easy installation
- ✓ Long service life

## SIZE AVAILABLE

| SIZE (DIAMETER X LENGTH) | SIZE (DIAMETER X LENGTH) | SIZE (DIAMETER X LENGTH) | SIZE (DIAMETER X LENGTH) |
|--------------------------|--------------------------|--------------------------|--------------------------|
| M3 X 10                  | M4 X 10                  | M5 X 10                  | M6 X 10                  |
| M3 X 12                  | M4 X 12                  | M5 X 12                  | M6 X 12                  |
| M3 X 16                  | M4 X 16                  | M5 X 16                  | M6 X 16                  |
| M3 X 20                  | M4 X 20                  | M5 X 20                  | M6 X 20                  |
| M3 X 25                  | M4 X 25                  | M5 X 25                  | M6 X 25                  |
|                          |                          |                          | M8 X 12                  |
|                          |                          |                          | M8 X 16                  |
|                          |                          |                          | M8 X 20                  |
|                          |                          |                          | M8 X 25                  |

CD (Cup Head)  
for larger contact  
surface



Precision Thread  
for secure and  
stable fastening

## WHY CHOOSE COPPER CD STUD?

- ✓ Better conductivity than steel or brass
- ✓ Reduces resistance and heat generation
- ✓ Perfect for high-current applications
- ✓ Cost-effective and reliable solution





# BRASS FASTENERS

— HIGH QUALITY • CORROSION RESISTANT • LONG LASTING —

## BRASS HEX BOLTS

STRONG • DURABLE • RELIABLE



## BRASS HEX NUT

PRECISION THREAD • HIGH STRENGTH



## BRONZE SPRING WASHER

ANTI-LOOSENING • SHOCK ABSORBING



## BRASS FLAT WASHER

EVEN LOAD • SMOOTH SURFACE



CORROSION  
RESISTANT



HIGH  
DURABILITY



PRECISION  
MANUFACTURING



EXCELLENT  
QUALITY



LONG  
SERVICE LIFE

### WIDE APPLICATION



PLUMBING



ELECTRICAL



MACHINERY



MARINE



UNIVERSAL BOLTS & NUTS SDN BHD

Phone: 012-481 6755

Website: [www.universalbolts.com.my](http://www.universalbolts.com.my)





**UNIVERSAL BOLTS & NUTS SDN BHD**

(1580064-D)

www.universalbolts.com.my



# SS 304 U-BOLTS C/W 2 HEX NUT

STAINLESS STEEL 304

CODE: SD-UB01

CORROSION RESISTANT. SECURE CLAMPING. RELIABLE SUPPORT.



## 1. MARKETING

- Made from premium SS 304 stainless steel for long-lasting corrosion resistance.
- Supplied complete with 2 hex nuts for secure and convenient installation.
- Strong clamping performance for pipe, conduit, bracket, and support applications.
- Suitable for indoor, outdoor, humid, and general industrial environments.

## 2. APPLICATION



Pipe Support



Conduit Installation



Marine Hardware



Signboard Mounting



Construction



Machinery



Railing Support



Bracket Fixing

## 3. MATERIAL / FEATURES / GENERAL INFO

|                      |                                                             |
|----------------------|-------------------------------------------------------------|
| Material             | SS 304 Stainless Steel                                      |
| Finish               | Natural Stainless                                           |
| Type                 | U-Bolt C/W 2 Hex Nut                                        |
| Brand                | SD                                                          |
| Company              | Universal Bolts & Nuts Sdn Bhd                              |
| Corrosion Resistance | Excellent                                                   |
| Use Area             | Indoor / Outdoor / Industrial                               |
| Features             | Durable, Rust Resistant, Secure Clamping, Easy Installation |

## 4. SIZE AVAILABLE

|              |               |              |
|--------------|---------------|--------------|
| 1/4 x 1/2    | 5/16 x 1"     | 3/8 x 2"     |
| 1/4 x 3/4    | 5/16 x 1 1/4" | 3/8 x 2 1/2" |
| 1/4 x 1"     | 5/16 x 1 1/2" | 3/8 x 3"     |
| 1/4 x 1 1/4" | 5/16 x 2"     | 3/8 x 4"     |
| 1/4 x 1 1/2" | 5/16 x 2 1/2" | 3/8 x 5"     |
| 1/4 x 2"     | 5/16 x 3"     | 3/8 x 6"     |
| 1/4 x 2 1/2" | 5/16 x 4"     | 3/8 x 8"     |
|              | 5/16 x 5"     |              |
|              | 5/16 x 6"     |              |



PHONE

0124816755



WEBSITE

www.universalbolts.com.my



DURABLE



STAINLESS



SECURE FIT



WIDE APPLICATION





**UNIVERSAL BOLTS & NUTS SDN BHD** (1580064-D)

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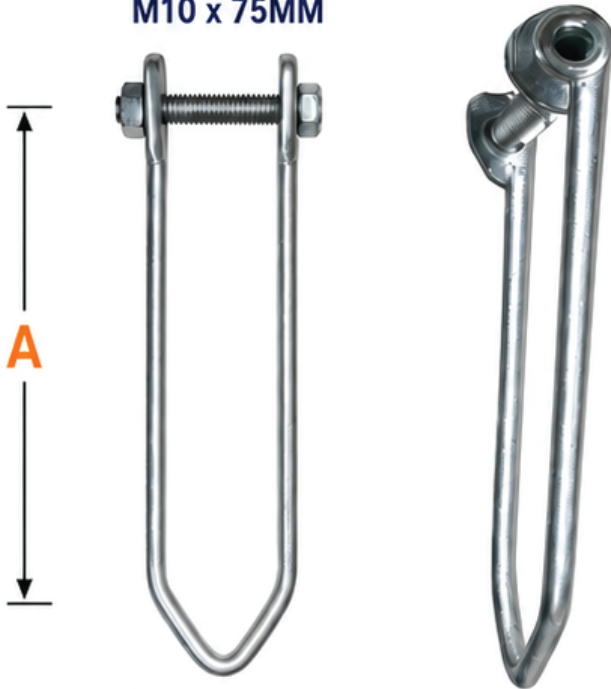


**CODE: SD-FH01**

# FAN HOOK BOLT & NUT

**6MM ROUND BAR**

**M10 x 75MM**



## MARKETING

- Durable hook bolt for reliable overhead fixing.
- Strong 6mm round bar with secure nut fastening.
- Suitable for ceiling fan and hanging fixture installation.
- Designed for dependable support in residential and commercial use.



## APPLICATION



Ceiling Fan  
Installation



Electrical  
Hardware



Home  
Renovation



Building  
Maintenance



Workshop  
Use



General  
Hanging Support

**Strong support for ceiling fan installation.**

## MATERIAL / FEATURES / GENERAL INFO

|              |                                                       |
|--------------|-------------------------------------------------------|
| Material     | Mild Steel                                            |
| Finish       | Zinc Plated                                           |
| Product Type | Fan Hook Bolt & Nut                                   |
| Brand        | SD                                                    |
| Company      | Universal Bolts & Nuts Sdn Bhd                        |
| Round Bar    | 6mm                                                   |
| Thread       | M10 x 75mm                                            |
| Features     | Strong, durable, corrosion-resistant, easy to install |

## AVAILABLE SIZE & CARTON PACKING

| CODE    | SIZE A   | CTN     |
|---------|----------|---------|
| BN 3-6  | 2" x 3"  | 200 PCS |
| BN 4-6  | 2" x 4"  | 200 PCS |
| BN 5-6  | 2" x 5"  | 200 PCS |
| BN 6-6  | 2" x 6"  | 150 PCS |
| BN 7-6  | 2" x 7"  | 150 PCS |
| BN 8-6  | 2" x 8"  | 150 PCS |
| BN 9-6  | 2" x 9"  | 150 PCS |
| BN 10-6 | 2" x 10" | 150 PCS |
| BN 12-6 | 2" x 12" | 100 PCS |
| BN 14-6 | 2" x 14" | 100 PCS |
| BN 15-6 | 2" x 15" | 100 PCS |
| BN 16-6 | 2" x 15" | 100 PCS |
| BN 16-6 | 2" x 16" | 100 PCS |
| BN 17-6 | 2" x 17" | 100 PCS |
| BN 18-7 | 2" x 18" | 100 PCS |



**STRONG**



**DURABLE**



**ZINC PLATED**



**WIDE APPLICATION**



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# UNIVERSAL BOLTS & NUTS SDN BHD

(1580064-D)



# NYLON LOCK NUT DIN 985

Available Material: Carbon Steel / SS 304 / SS 316

**Secure Locking. Reliable Fastening.**



## MARKETING

- Self-locking design for secure fastening.
- Helps resist loosening under vibration.
- Suitable for repeated industrial and maintenance use.
- Available in multiple thread standards and materials.



## APPLICATION



Automotive



Machinery



Construction



Electrical



Industrial



General Engineering



## GENERAL INFO

|                   |                                |
|-------------------|--------------------------------|
| Product:          | Nylon Lock Nut DIN 985         |
| Brand Series:     | SD                             |
| Company:          | Universal Bolts & Nuts Sdn Bhd |
| Materials:        | Carbon Steel / SS 304 / SS 316 |
| Thread Standards: | UNC / UNF / BSW / MM / MF      |



## SIZE AVAILABLE

**UNC / UNF / BSW / MM / MF**



## FEATURES



Secure  
Locking



Anti-  
Loosening



Vibration  
Resistant



Corrosion  
Resistant



Durable  
Performance



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012-481 6755



# CLASS 8 HEX NUT (DIN934)

High Strength • Reliable • Durable

## BLACK OXIDE



Corrosion resistance with a smooth black finish.

## HDG GALVANIZED



Excellent corrosion resistance for outdoor and harsh environments.

## ZINC PLATED (BLUE ZINC)



Bright, clean finish with good corrosion resistance.

## RAINBOW PLATED



Enhanced corrosion resistance with a colorful, protective coating.



### HIGH STRENGTH

Made from quality steel, Class 8 strength for reliable performance.



### PRECISION THREAD

Manufactured to DIN934 standard for precise fit and secure fastening.



### CORROSION RESISTANT

Available in multiple finishes to suit different applications and environments.



### WIDE APPLICATION

Ideal for construction, machinery, automotive, furniture and general engineering.

### APPLICATION



Construction



Machinery



Automotive



Furniture



General Engineering

## SIZE AVAILABLE

| SIZE              | THREAD (P) | ACROSS FLATS (AF) |
|-------------------|------------|-------------------|
| M3 x 0.5 x 5AF    | 0.5        | 5 mm              |
| M4 x 0.7 x 7AF    | 0.7        | 7 mm              |
| M5 x 0.8 x 8AF    | 0.8        | 8 mm              |
| M6 x 1.0 x 10AF   | 1.0        | 10 mm             |
| M8 x 1.25 x 13AF  | 1.25       | 13 mm             |
| M10 x 1.5 x 17AF  | 1.5        | 17 mm             |
| M12 x 1.75 x 19AF | 1.75       | 19 mm             |
| M14 x 2.0 x 22AF  | 2.0        | 22 mm             |
| M18 x 2.0 x 24AF  | 2.0        | 24 mm             |
| M18 x 2.5 x 27AF  | 2.5        | 27 mm             |
| M20 x 2.5 x 30AF  | 2.5        | 30 mm             |
| M22 x 2.5 x 32AF  | 2.5        | 32 mm             |
| M24 x 3.0 x 36AF  | 3.0        | 36 mm             |
| M27 x 3.0 x 41AF  | 3.0        | 41 mm             |
| M30 x 3.5 x 46AF  | 3.5        | 46 mm             |
| M33 x 3.5 x 50AF  | 3.5        | 50 mm             |
| M36 x 4.0 x 55AF  | 4.0        | 55 mm             |
| M39 x 4.0 x 60AF  | 4.0        | 60 mm             |
| M42 x 4.5 x 65AF  | 4.5        | 65 mm             |
| M48 x 5.0 x 75AF  | 5.0        | 75 mm             |



# STRONG NUT. STRONG CONNECTION.

Built for Performance. Trusted for Every Project.



012-481 6755


[www.universalbolt.com.my](http://www.universalbolt.com.my)



# MS HEX LONG NUT

## ZINC PLATED & HDG GALVANIZED

**STRONG • DURABLE • RELIABLE**  
**PERFECT FOR EXTENDED BOLT CONNECTIONS**



**ZINC PLATED**



**ZINC PLATED**



**HDG GALVANIZED**

### FINISHING AVAILABLE

#### ZINC PLATED



- Bright and smooth surface
- Electroplated with zinc coating
- Good corrosion resistance
- Suitable for indoor / dry environment use

#### HDG GALVANIZED



- Matte, slightly rough surface
- Hot-dip galvanized with thick zinc coating
- Excellent corrosion resistance
- Suitable for outdoor / harsh environment use

### APPLICATION



### FEATURES

- ✓ Extra long design for stronger grip and secure fastening
- ✓ High tensile strength for heavy duty applications
- ✓ Precision threaded for perfect fit
- ✓ Zinc Plated and HDG Galvanized finishing available
- ✓ Corrosion resistant for long lasting performance
- ✓ Ideal for construction, industrial and general hardware use

### SIZE AVAILABLE

| SIZE (DIAMETER X LENGTH X ACROSS FLAT) | FINISHING AVAILABLE |
|----------------------------------------|---------------------|
| M6 X 30 X 10                           | ZINC PLATED / HDG   |
| M8 X 30 X 13                           | ZINC PLATED / HDG   |
| M8 X 40 X 13                           | ZINC PLATED / HDG   |
| M8 X 50 X 13                           | ZINC PLATED / HDG   |
| M10 X 40 X 14                          | ZINC PLATED / HDG   |
| M10 X 40 X 17                          | ZINC PLATED / HDG   |
| M10 X 50 X 17                          | ZINC PLATED / HDG   |
| M12 X 50 X 19                          | ZINC PLATED / HDG   |
| M16 X 65 X 24                          | ZINC PLATED / HDG   |
| M20 X 65 X 30                          | ZINC PLATED / HDG   |
| 1/4 X 30 X 10                          | ZINC PLATED / HDG   |
| 5/16 X 30 X 13                         | ZINC PLATED / HDG   |
| 3/8 X 40 X 15                          | ZINC PLATED / HDG   |
| 1/2 X 50 X 21                          | ZINC PLATED / HDG   |
| 5/8 X 65 X 24                          | ZINC PLATED / HDG   |
| 3/4 X 65 X 30                          | ZINC PLATED / HDG   |

### PACKING DETAILS



Packed in strong cartons for safe handling and storage.

- Secure Packing ✓
- Easy Handling ✓
- Consistent Quality ✓
- Bulk Supply Available ✓

### WHY CHOOSE OUR MS HEX LONG NUT?



**STRONG & RELIABLE**  
Designed for secure and strong bolt connections.



**CORROSION RESISTANT**  
Zinc Plated and HDG Galvanized finish for maximum durability.



**VERSATILE USE**  
Suitable for construction, industrial, electrical and general hardware applications.



**PREMIUM QUALITY**  
Manufactured to ensure consistent and high quality standards.



# HEX NUT

AVAILABLE IN ZINC PLATED & SELF COLOUR

**SECURE THREAD, RELIABLE FASTENING.**

 **CODE: SD-HN01**

## MARKETING

- Strong and reliable fastening for general hardware and industrial use.
- Precision threaded for secure nut and bolt assembly.
- Available in zinc plated finish for corrosion resistance.
- Self colour / plain finish available for fabrication and general applications.
- Wide size range for maintenance, construction and machinery needs.

## APPLICATION



## SIZE AVAILABILITY

### 1) SMALL INCH SIZE - ZINC ONLY:

1/8    5/32    3/16

 Sold by PCS only

 MOQ: 1,000 PCS

### 2) STANDARD INCH SIZE - ZINC PLATED & SELF COLOUR AVAILABLE:

1/4    5/16    3/8    1/2    5/8  
3/4    7/8    1"    1 1/8"    1 1/4"  
1 1/2"

 Available by KG and PCS     Packing: 50 KG per bag

### ZINC PLATED



### SELF COLOUR / PLAIN



## GENERAL INFO / FEATURES

- ✓ Material: Mild Steel
- ✓ Type: Hex Nut
- ✓ Finishes: Zinc Plated / Self Colour (Plain)
- ✓ Strong thread engagement
- ✓ Easy installation
- ✓ Durable and practical for daily industrial use

### PCS PER KG

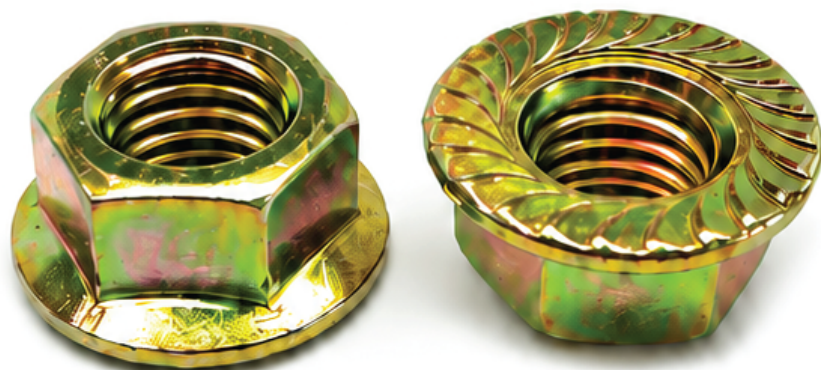
| SIZE | PCS      | SIZE   | PCS     |
|------|----------|--------|---------|
| 1/4  | 352 PCS  | 7/8    | 11 PCS  |
| 5/16 | 200 PCS  | 1"     | 8 PCS   |
| 3/8  | 122 PCS  | 1 1/8" | 5.5 PCS |
| 1/2  | 46.5 PCS | 1 1/4" | 4.5 PCS |
| 5/8  | 24.5 PCS | 1 1/2" | 2.5 PCS |
| 3/4  | 13.5 PCS |        |         |





# FLANGE NUT

## (YELLOW ZINC / ZINC PLATED)



### MARKETING

- Built-in flange provides larger bearing surface, reducing loosening.
- Serrated flange (on one side) for better locking strength.
- Strong and durable for heavy duty applications.

### APPLICATION



Automotive



Machinery



Construction



MRO / General  
Maintenance

### SD

High strength nut with integrated flange for secure and stable fastening.

### MATERIAL

Carbon Steel

### FINISH

EX STOCK:  
Yellow Zinc

BLUE ZINC /  
ZINC PLATED:  
Need 2 – 3 days  
for processing

### FEATURES

- ✓ Integral flange distributes load and prevents surface damage.
- ✓ Serrated flange (on one side) increases locking performance.
- ✓ Yellow Zinc for corrosion resistance and long life.
- ✓ Ideal for vibration prone assemblies.

### AVAILABLE SIZE

| SIZE (PITCH)     | ACROSS FLATS (AF) mm | FLANGE DIAMETER mm | THICKNESS mm |
|------------------|----------------------|--------------------|--------------|
| M3 X 0.5         | 6                    | 7.5                | 3.6          |
| M4 X 0.7         | 7                    | 9                  | 4.5          |
| M5 X 0.8         | 8                    | 11                 | 5.4          |
| M6 X 1.0         | 10                   | 13                 | 6            |
| M8 X 1.25 X 12AF | 12                   | 16                 | 8            |
| M8 X 1.25 X 13AF | 13                   | 16.8               | 8            |
| M10 X 1.5        | 15                   | 19                 | 10           |
| M10 X 1.25       | 14                   | 18                 | 8            |
| M12 X 1.75       | 18                   | 23                 | 12           |
| M12 X 1.25       | 18                   | 24                 | 12           |
| M14 X 2.0        | 21                   | 28                 | 13           |
| M14 X 1.5        | 21                   | 28                 | 13           |
| M16 X 2.0        | 24                   | 31                 | 15           |
| M18 X 2.5        | 27                   | 35                 | 19           |
| M20 X 2.5        | 30                   | 39                 | 19           |
| M22 X 2.5        | 31                   | 42                 | 21           |
| M24 X 3.0        | 36                   | 46                 | 20           |

### FLANGE NUT HIGHLIGHTS



#### SECURE & RELIABLE

Flange increases bearing surface and helps prevent loosening.



#### SERRATED FLANGE

One-side serration enhances grip for stronger vibration resistance.



#### STRONG & DURABLE

Made from quality carbon steel for demanding applications.



#### CORROSION RESISTANT

Yellow Zinc finish provides excellent corrosion protection and long service life.



# PJ SLEEVE ANCHOR

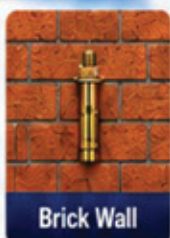
We Provide High Quality  
Sleeve Expansion Anchor



## SUITABLE FOR



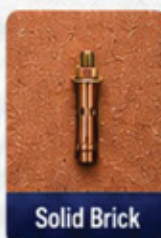
Concrete



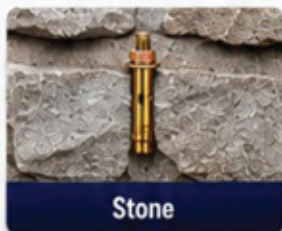
Brick Wall



Hollow Block



Solid Brick



Stone



Wood + Concrete



### STRONG & SECURE

High expansion force for maximum holding power.



### DURABLE & RELIABLE

Made from premium steel with yellow zinc plated corrosion protection.



### EASY & EFFICIENT

Quick installation, saves time and labor.



### WIDE APPLICATION

Ideal for concrete, brick, hollow block and more.

## PJ SLEEVE ANCHOR

**Flange Nut**  
Better bearing and locking strength

**Washer**  
Distributes pressure evenly

**Expansion Cone**  
Expands when tightened for maximum hold



## AVAILABLE SIZES & PACKING

| SIZE                 | ANCHOR SIZE (inch) | HOLE DIAMETER (OD - mm) | PACKING PCS / BOX | CARTON PCS / CARTON |
|----------------------|--------------------|-------------------------|-------------------|---------------------|
| 1/4 x 2" x 80D       | 1/4" x 2"          | 8 mm                    | 200               | 1600                |
| 5/16 x 2 3/8 x 10 OD | 5/16" x 2 3/8"     | 10 mm                   | 100               | 800                 |
| 5/16 x 2 3/4 x 10 OD | 5/16" x 2 3/4"     | 10 mm                   | 100               | 800                 |
| 3/8 x 3" x 12 OD     | 3/8" x 3"          | 12 mm                   | 100               | 600                 |
| 3/8 x 4 1/2 x 12 OD  | 3/8" x 4 1/2"      | 12 mm                   | 100               | 400                 |

## EASY INSTALLATION



Drill a hole to the required diameter and depth.



Clean the hole thoroughly.



Insert the sleeve anchor into the hole.



Tighten the nut to expand the sleeve.



Strong & secure installation complete!

## TRUSTED QUALITY

Manufactured to high standards for lasting performance.



**BUILT STRONG. BUILT TO LAST.**



HIGH HOLDING POWER



ANTI-RUST RESISTANT



EASY TO USE DESIGN







**UNIVERSAL BOLTS & NUTS SDN BHD** (1580064-D)



www.universalbolts.com.my



0124816755



SD INDUSTRIAL HARDWARE SERIES

# DROP IN ANCHOR

## HDG GALVANIZED / ZINC PLATED

**CODE: SD-DIA01**

**STRONG GRIP, SECURE FIXING.**

### 1. MARKETING

- Internal thread expansion anchor for secure fastening in concrete.
- Flush installation design for clean and professional fixing work.
- Suitable for hanging systems, threaded rods, bolts, and support brackets.
- Reliable holding performance for mechanical, electrical, and construction applications.
- Available in metric and inch sizes with clear packaging options.

### 2. APPLICATION



Concrete Installation



Ceiling Suspension



Threaded Rod Support



Pipe Support



Cable Tray Support



HVAC System



Sprinkler System



General Construction



ZINC PLATED



HDG GALVANIZED



### 3. MATERIAL / FEATURES / GENERAL INFO

|              |                                                                  |
|--------------|------------------------------------------------------------------|
| Material     | Mild Steel                                                       |
| Finishes     | Zinc Plated / HDG Galvanized                                     |
| Type         | Drop In Anchor                                                   |
| Thread       | Internal Thread                                                  |
| Installation | For solid concrete                                               |
| Features     | Strong expansion grip, easy installation, durable, secure fixing |

### 4A. AVAILABLE MM SIZE

| Size | Length | Drill Hole | Packing / Box | Packing / Carton |
|------|--------|------------|---------------|------------------|
| M6   | 30     | 8          | 100 PCS       | 4,000 PCS        |
| M8   | 30     | 10         | 100 PCS       | 2,000 PCS        |
| M10  | 40     | 12         | 50 PCS        | 1,000 PCS        |
| M12  | 50     | 16         | 50 PCS        | 500 PCS          |
| M16  | 65     | 20         | 25 PCS        | 250 PCS          |
| M20  | 65     | 25         | 25 PCS        | 100 PCS          |

### 4B. AVAILABLE INCH SIZE

| Size | Length | Drill Hole | Packing / Box | Packing / Carton |
|------|--------|------------|---------------|------------------|
| 1/4  | 30     | 8          | 100 PCS       | 4,000 PCS        |
| 5/16 | 30     | 10         | 100 PCS       | 2,000 PCS        |
| 3/8  | 40     | 12         | 50 PCS        | 1,000 PCS        |
| 1/2  | 50     | 16         | 50 PCS        | 500 PCS          |
| 5/8  | 65     | 20         | 25 PCS        | 250 PCS          |
| 3/4  | 65     | 25         | 25 PCS        | 100 PCS          |



#### DURABLE

Built for long-lasting performance.



#### EASY INSTALLATION

Quick and simple installation.



#### SECURE GRIP

Strong expansion for maximum holding power.



#### WIDE APPLICATION

Ideal for various industrial and construction needs.





# UNIVERSAL BOLTS & NUTS SDN BHD

(1580064-D)

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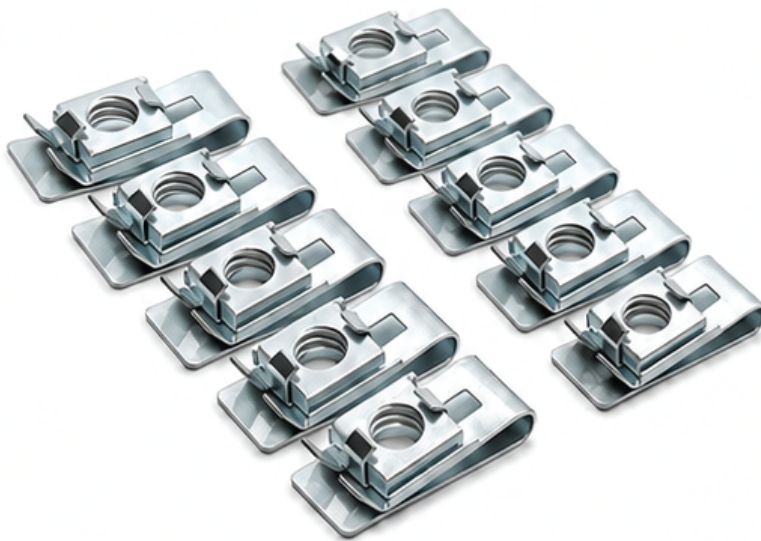


CODE: SD-UNC01

# SPRING STEEL U TYPE INSERT NUT CLIP

## ZINC PLATED

SECURE FIT. FAST ASSEMBLY. RELIABLE HOLD.



### 1. MARKETING

- Spring steel clip nut designed for quick and secure fastening.
- Zinc plated finish provides good corrosion resistance for general indoor use.
- Threaded insert design helps simplify installation and maintenance.
- Ideal for panel fixing, slider assemblies and sheet metal fastening applications.

### 2. APPLICATION



Elevator Slider System



Lift Panel Assembly



Sheet Metal Fixing



Electrical Cabinet

### 3. MATERIAL / FEATURES / GENERAL INFO

|                 |                                                                      |
|-----------------|----------------------------------------------------------------------|
| Material        | Spring Steel                                                         |
| Finish          | Zinc Plated                                                          |
| Type            | U Type Insert Nut Clip With Thread                                   |
| Available Sizes | M3 / M4 / M5 / M6                                                    |
| Brand           | SD                                                                   |
| Company         | Universal Bolts & Nuts Sdn Bhd                                       |
| Features        | Elastic grip, threaded fastening, quick installation, compact design |



Control Panel



Industrial Equipment



Metal Frame Assembly



Maintenance & Repair

### 4. AVAILABLE SIZE

M3

M4

M5

M6

Thread Sizes Available: M3 / M4 / M5 / M6



DURABLE



ZINC PLATED



FAST INSTALLATION



SECURE HOLD



WIDE APPLICATION

0124816755

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# MILD STEEL G-CLIP

3MM THICKNESS • 24MM WIDTH

CODE: SD-GCL01

**STRONG HOLD, SIMPLE INSTALLATION.**

## 1. MARKETING

- Strong mild steel clip for secure holding and support.
- Compact design for quick and easy installation.
- Suitable for cable, pipe and general fixing work.
- Durable structure for industrial and commercial use.

## 2. APPLICATION



## 3. FEATURES

- ✓ Strong & durable
- ✓ Easy to install
- ✓ Stable support
- ✓ Practical design
- ✓ Suitable for daily installation work

## 4. MATERIAL



**Mild Steel**

## 5. SIZE AVAILABLE

| SIZE | THICKNESS | WIDTH |
|------|-----------|-------|
| 3/8" | 3 mm      | 24 mm |
| 1/2" | 3 mm      | 24 mm |



DURABLE



EASY TO INSTALL



SECURE SUPPORT



WIDE APPLICATION



# CONDUIT CLIP

## WITH WING SCREW

SECURE HOLD • EASY ADJUSTMENT • RELIABLE SUPPORT



### MARKETING

- Designed for secure and reliable installation of electrical conduits.
- Wing screw allows quick adjustment and firm locking.
- Strong and durable mild steel construction for long-lasting performance.
- Corrosion resistant zinc plated finish for excellent durability.
- Ideal for electrical, industrial and commercial applications.

### FEATURES

- ✓ Secure hold for conduits and pipes
- ✓ Easy installation with wing screw
- ✓ Adjustable and reusable
- ✓ Strong and durable construction
- ✓ Corrosion resistant zinc plated finish

### MATERIAL

Mild Steel

### SLOGAN

**TIGHTEN EASILY,  
HOLD SECURELY.**

### APPLICATION



Conduit  
Installation



Electrical  
Wiring



Industrial  
Use



Ceiling  
Installation



Cable Tray  
Support



HVAC  
Systems



Plumbing  
Systems



Lighting  
Support



General  
Fixing

### SPECIFICATION

Thickness : 3mm  
Width : 24mm  
Material : Mild Steel  
Finish : Zinc Plated

### SIZE AVAILABLE

| PIPE SIZE   | THICKNESS | WIDTH | MATERIAL   | FINISH      |
|-------------|-----------|-------|------------|-------------|
| 3/4" (20MM) | 3MM       | 24MM  | MILD STEEL | ZINC PLATED |
| 1" (25MM)   | 3MM       | 24MM  | MILD STEEL | ZINC PLATED |

#### SECURE HOLD



Holds conduits firmly in place to prevent movement and ensure safety.

#### EASY ADJUSTMENT



Wing screw design allows quick and easy adjustment without special tools.

#### DURABLE & RELIABLE



Made from high quality mild steel with zinc plated finish for long lasting use.

#### WIDE APPLICATION



Suitable for electrical, industrial, commercial and plumbing installation.





# ALUMINIUM RIVET SERIES

## 01 ALUMINIUM BLIND RIVET (SILVER)

Lightweight • Corrosion Resistant • Easy Installation



### AVAILABLE SIZES

|            |             |             |           |
|------------|-------------|-------------|-----------|
| 1/8 X 1/4  | 5/32 X 1/4  | 3/16 X 1/4  |           |
| 1/8 X 5/16 | 5/32 X 5/16 | 3/16 X 5/16 | 1/4 X 1/2 |
| 1/8 X 3/8  | 5/32 X 3/8  | 3/16 X 3/8  | 1/4 X 5/8 |
| 1/8 X 7/16 | 5/32 X 1/2  | 3/16 X 1/2  | 1/4 X 3/4 |
| 1/8 X 1/2  | 5/32 X 5/8  | 3/16 X 5/8  | 1/4 X 1"  |
| 1/8 X 5/8  | 5/32 X 3/4  | 3/16 X 3/4  |           |
| 1/8 X 3/4  | 5/32 X 1"   | 3/16 X 1"   |           |
| 1/8 X 1"   |             |             |           |



### APPLICATIONS

Suitable for sheet metal fabrication, aluminium frames, signboards, ducting, light construction, cabinets and general assembly.

## 02 ALUMINIUM BLIND RIVET (BLACK)

Clean Finish • Secure Hold • Decorative Matching



### AVAILABLE SIZES

|           |
|-----------|
| 1/8 X 1/4 |
| 1/8 X 3/8 |
| 1/8 X 1/2 |



### APPLICATIONS

Suitable for aluminium panels, decorative finishing, metal fabrication, renovation works and matching dark-colored assemblies.

## 03 ALUMINIUM TRIFOLD RIVET (SILVER)

Wide Backside Grip • Ideal for Soft Materials • Strong Clamping



### AVAILABLE SIZE

|                      |
|----------------------|
| 3/16 X 3/4 = M5 X 20 |
|----------------------|



### APPLICATIONS

Suitable for plastic panels, thin sheet, fiberglass, aluminium composite panels, automotive trim and materials requiring wider load distribution.



### ALUMINIUM RIVET SERIES FEATURES

- ✓ Fast and easy installation
- ✓ Corrosion resistant aluminium body
- ✓ Strong and reliable fastening
- ✓ Wide range of industrial and renovation applications







[www.universalbolts.com.my](http://www.universalbolts.com.my)

LOCK AGAINST VIBRATION, BUILT FOR RELIABILITY



# HEICO WEDGE LOCK WASHER

## DACROMET COATING

### ANTI-VIBRATION LOCKING WASHER



#### ANTI-VIBRATION LOCKING

Radial serrations bite into mating surfaces to resist loosening from vibration and shock.



#### DACROMET CORROSION PROTECTION

Dacromet coating provides excellent corrosion resistance and long-lasting durability.



#### WEDGE LOCKING PRINCIPLE

Wedge angle creates tension instead of friction for superior locking performance.



#### EASY INSTALLATION

Simple drop-in replacement. No special tools required.



#### HIGH CLAMPING SECURITY

Maintains consistent preload and prevents bolt/nut from backing off under dynamic loads.



#### REUSABLE & RELIABLE

Designed for multiple uses while maintaining reliable locking performance.

### APPLICATIONS



WIND TURBINES



HEAVY MACHINERY



STRUCTURAL STEEL



RAILWAY /  
TRANSPORT



MINING  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE

### AVAILABLE SIZE (ID × OD × THICKNESS)

|                     |                     |
|---------------------|---------------------|
| M10 × 16.6 × 2.3 mm | M20 × 30.5 × 3.4 mm |
| M12 × 19.9 × 2.6 mm | M22 × 34.4 × 3.6 mm |
| M14 × 23.3 × 3.4 mm | M24 × 39 × 3.6 mm   |
| M16 × 25.6 × 3.3 mm | M27 × 42 × 6.2 mm   |
| M18 × 29.3 × 3.4 mm | M30 × 47.3 × 5.8 mm |

### GENERAL INFORMATION

Product Name : Heico Wedge Lock Washer  
Coating : Dacromet  
Function : Anti-Vibration Locking

Brand : SD  
Company : Universal Bolts & Nuts Sdn Bhd  
Website : [www.universalbolts.com.my](http://www.universalbolts.com.my)



SECURE LOCKING



ANTI-LOOSENING



CORROSION RESISTANT



INDUSTRIAL GRADE



# ALUMINIUM FLAT WASHER

**LIGHTWEIGHT • CORROSION RESISTANT • DURABLE**

Aluminium Flat Washer is designed to distribute load evenly, reduce friction, and protect surfaces from damage.

Ideal for various industrial and general applications.

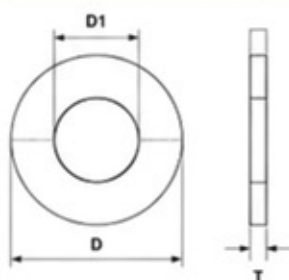


## PRODUCT FEATURES

- ✓ Made from high quality aluminium
- ✓ Lightweight yet strong and durable
- ✓ Excellent corrosion and rust resistance
- ✓ Provides smooth bearing surface
- ✓ Distributes load evenly and reduces wear
- ✓ Suitable for indoor and outdoor applications
- ✓ Non-magnetic and non-sparking
- ✓ Ideal for electrical, mechanical and general use

## SIZE AVAILABLE

| SIZE (D X D1 X T) | MATERIAL  | FINISH             |
|-------------------|-----------|--------------------|
| M6 X 11 X 2       | ALUMINIUM | NATURAL<br>(PLAIN) |
| M7 X 13 X 2       |           |                    |
| M8 X 14 X 2       |           |                    |
| M10 X 16 X 2      |           |                    |
| M11 X 18 X 2      |           |                    |
| M12 X 18 X 2      |           |                    |
| M14 X 18 X 2      |           |                    |
| M14 X 20 X 2      |           |                    |
| M16 X 22 X 2      |           |                    |
| M18 X 24 X 2      |           |                    |
| M20 X 25 X 2      |           |                    |



Dimension Guide :

D = Outer Diameter | D1 = Inner Diameter | T = Thickness

## APPLICATION



Mechanical  
Assembly



Electrical  
Equipment



Automotive  
Industry



Marine  
Applications



Construction



HVAC  
Systems



General  
Maintenance



DIY &  
Projects

## PACKING DETAILS



Packed in strong plastic bag  
then carton box.

- ✓ Secure Packing
- ✓ Easy Handling
- ✓ Consistent Quality

## WHY CHOOSE ALUMINIUM FLAT WASHER?



### LIGHTWEIGHT

Easy to handle and  
suitable for weight  
sensitive applications.



### CORROSION RESISTANT

Withstands moisture  
and harsh  
environments.



### PERFECT FIT

Ensures proper load  
distribution and  
protects surfaces.



### HIGH QUALITY

Manufactured to  
ensure reliability  
and long service life.



CODE: SD-CW01

# THICK COPPER WASHER

SOLID COPPER SEALING WASHER



| SIZE OPTIONS         |      |
|----------------------|------|
| SIZE (ID × OD × THK) | UNIT |
| M8 × 14 × 1.0        | MM   |
| M10 × 16 × 1.0       | MM   |
| M10 × 16 × 1.5       | MM   |
| M12 × 18 × 1.0       | MM   |
| M12 × 18 × 1.5       | MM   |
| M12 × 18 × 2.0       | MM   |
| M14 × 20 × 1.0       | MM   |
| M14 × 20 × 1.5       | MM   |
| M16 × 22 × 1.0       | MM   |
| M16 × 22 × 1.5       | MM   |
| M18 × 24 × 1.0       | MM   |
| M18 × 24 × 1.5       | MM   |
| M20 × 26 × 1.0       | MM   |
| M20 × 26 × 1.5       | MM   |

- HIGH QUALITY COPPER** | Made from durable copper material.
- EXCELLENT SEALING** | Helps prevent oil, fuel, and fluid leakage.
- CORROSION RESISTANT** | Suitable for long-term use.
- MULTIPLE SIZE OPTIONS** | Available in various inner diameter and thickness combinations.
- EASY TO INSTALL** | Simple replacement and convenient use.
- WIDE APPLICATION** | Suitable for automotive, hydraulic, plumbing, machinery, and maintenance work.

| GENERAL SPECIFICATIONS |                                                                          |
|------------------------|--------------------------------------------------------------------------|
| Product Name           | Thick Copper Washer                                                      |
| Material               | Copper                                                                   |
| Type                   | Flat Sealing Washer                                                      |
| Brand                  | SD                                                                       |
| Company                | Universal Bolts & Nuts Sdn Bhd                                           |
| Packing                | 10 PCS PER BAG                                                           |
| Website                | <a href="http://www.universalbolts.com.my">www.universalbolts.com.my</a> |

## APPLICATION



DURABLE



RELIABLE SEALING



CORROSION RESISTANT



WIDE APPLICATION



# MS SQUARE WASHER

ZINC PLATED

HDG GALVANIZED



## STRONG & RELIABLE

Made from high quality mild steel to ensure high strength and durable performance.



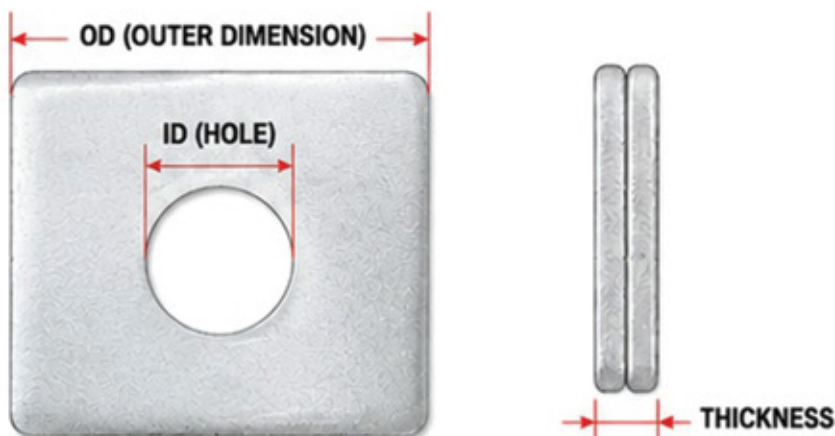
## CORROSION RESISTANT

Zinc Plated and HDG Galvanized finish for enhanced resistance against rust and corrosion.



## SECURE FITTING

Square shape provides larger bearing surface for better load distribution and secure fastening.



**DIMENSION FORMULA:** ID (HOLE) = OD (OUTER DIMENSION) × THICKNESS

### PRODUCT SPECIFICATIONS

|             |                                                               |
|-------------|---------------------------------------------------------------|
| TYPE        | MS SQUARE WASHER                                              |
| MATERIAL    | MILD STEEL (MS)                                               |
| FINISH      | ZINC PLATED<br>HDG GALVANIZED                                 |
| SHAPE       | SQUARE                                                        |
| STANDARD    | NON-STANDARD                                                  |
| APPLICATION | GLASS & FACADE INSTALLATION /<br>ELECTRICAL & CONDUIT SUPPORT |

### SIZE AVAILABLE

|                      |               |
|----------------------|---------------|
| ID (HOLE)            | M12           |
| OD (OUTER DIMENSION) | 40 mm x 40 mm |
| THICKNESS            | 5 mm          |

### FEATURES & BENEFITS



**High Strength**  
Reliable performance for heavy duty applications.



**Corrosion Protection**  
Zinc Plated and HDG Galvanized for longer life.



**Better Load Distribution**  
Square shape increases bearing surface area.



**Versatile Use**  
Suitable for various construction and electrical applications.

### APPLICATIONS



Used as a component in large glass installation systems in buildings.



Commonly used in electrical installations for conduit and support applications.

### PACKAGING



- ✓ Packed in strong cartons for safe handling and storage.
- ✓ Bulk packing available.



012-481 6755



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QUALITY PRODUCTS • COMPETITIVE PRICES • RELIABLE SERVICE



# C-TYPE STEEL END CAP

## 41x21mm & 41x41mm

**COLOR: WHITE**

C-Type Steel End Cap is designed to fit perfectly on the end of C-Channel (Strut Channel) to provide a neat finish, enhance safety, and protect against sharp edges, dust, and debris.

- ✓ Durable & Impact Resistant
- ✓ Easy & Secure Installation
- ✓ Neat & Professional Finish
- ✓ Protects Against Dust & Debris
- ✓ Enhances Safety

### APPLICATION



Electrical Installation



HVAC System



Mechanical Support



Solar Panel Mounting



Pipe Support



Cable Tray Support



Structural Framing



General Construction

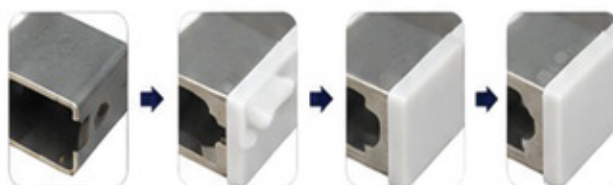
### SPECIFICATIONS

| ITEM             | 41x21mm              | 41x41mm              |
|------------------|----------------------|----------------------|
| Type             | C-Type Steel End Cap | C-Type Steel End Cap |
| Size (L x W)     | 41 x 21mm            | 41 x 41mm            |
| Color            | White                | White                |
| Material         | Plastic (PP)         | Plastic (PP)         |
| Overall Length   | 41mm                 | 41mm                 |
| Overall Width    | 21mm                 | 41mm                 |
| Inner Depth      | 12mm                 | 12mm                 |
| Flange Thickness | 2mm                  | 2mm                  |
| Tolerance        | ±0.2mm               | ±0.2mm               |

### FEATURES

- ✓ Made from high quality PP material
- ✓ High impact strength and long-lasting durability
- ✓ Snug fit design for C-Type steel channel
- ✓ Prevents dust, dirt and foreign objects from entering
- ✓ Protects users from sharp edges
- ✓ Simple push-in installation, no tools required
- ✓ Suitable for indoor and outdoor use

### INSTALLATION GUIDE



1. Clean the C-Channel end
2. Align the end cap with the channel
3. Push in firmly until secure
4. Installation complete

### PACKAGING DETAILS



Packed in strong cartons for safe handling and storage

- Secure Packing ✓
- Easy Handling ✓
- Consistent Quality ✓



# SD MAGNET PHILIPS SCREWDRIVER BIT

**HIGH HARDNESS • STRONG MAGNET • PRECISION FIT**

Designed for professionals and heavy-duty applications.

Strong magnetic tip ensures secure hold and reduces slippage for faster and more efficient work.



#### STRONG MAGNETIC TIP

Secure hold on screws, reduces cam-out and increases efficiency.



#### HIGH QUALITY S2 STEEL

Made from premium S2 steel for superior hardness and durability.



#### PRECISION PHILIPS HEAD

Exact fit for Philips screws, reduces wear and stripping.



#### WIDE APPLICATION

Ideal for construction, woodworking, metalwork and general industry.

#### BLACK NORMAL TYPE



#### BRONZE EXTRA STRONG



**BLACK**  
NORMAL TYPE

**BRONZE**  
EXTRA STRONG

**MOST STRONG**  
ONLY 1 SIZE

**ALL SIZE**  
10PCS / BOX



#### SIZE AVAILABLE

| TYPE                                                                                                               | SIZE     |           |                         |
|--------------------------------------------------------------------------------------------------------------------|----------|-----------|-------------------------|
|  <b>BLACK</b><br>(NORMAL TYPE)   | #2 x 65L | #2 x 100L | #2 x 150L               |
|  <b>BRONZE</b><br>(EXTRA STRONG) | —        | —         | <b>ONLY 1 SIZE</b><br>✓ |

\* All size packing : 10PCS / BOX

#### SPECIFICATIONS

- ✓ Material : S2 Steel
- ✓ Hardness : HRC 58-62
- ✓ Tip Type : Phillips #2
- ✓ Shank : 1/4" Hex
- ✓ Finish :
  -  Black Oxide (Normal Type)
  -  Bronze Coating (Extra Strong)

#### APPLICATION



#### PACKING DETAILS



**STRONGER HOLD  
FASTER WORK  
BETTER RESULTS**



# PAPAYA BRACKET

## TYPE-A

STRONG SUPPORT • SECURE FIXING • LASTING PERFORMANCE



### MARKETING

- Designed for reliable holding and support of round pipes and conduits.
- Easy to install with single mounting hole.
- Strong and durable steel construction for long-lasting performance.
- Suitable for indoor and outdoor applications.

### SLOGAN

**STRONG BRACKET,  
SECURE EVERY SUPPORT.**

### APPLICATION



Plumbing  
System



Irrigation  
System



HVAC  
System



Building  
Construction



Cable  
Support



Signage  
& Display



General  
Industrial



Solar Panel  
Installation

### FEATURES

- ✓ Strong and rigid structure
- ✓ Corrosion resistant
- ✓ Easy installation
- ✓ Secure and stable support
- ✓ Reliable for various applications

### MATERIAL

Galvanized Steel

### SIZE AVAILABLE

| SIZE    | THICKNESS (T) X WIDTH (W) |
|---------|---------------------------|
| 3/4"    | 1.2MM X 18MM              |
| 1"      | 1.2MM X 18MM              |
| 1 1/4 " | 1.2MM X 18MM              |
| 1 1/2"  | 1.2MM X 18MM              |
| 2"      | 1.2MM X 18MM              |
| 2 1/2"  | 1.5MM X 20MM              |
| 3"      | 1.5MM X 20MM              |
| 4"      | 2.0MM X 21MM              |
| 5"      | 2.4MM X 24MM              |
| 6"      | 2.4MM X 24MM              |
| 8"      | 3.0MM X 25MM              |



#### DURABLE

Made from high quality galvanized steel for superior strength and corrosion resistance.



#### EASY TO INSTALL

Single hole mounting design for quick and convenient installation.



#### SECURE SUPPORT

Provides a firm and stable support for pipes, cables and other installations.





**UNIVERSAL BOLTS & NUTS SDN BHD**  
(1580064-D)

www.universalbolts.com.my | 0124816755



# FAN HOOK SERIES

## ZINC PLATED

*Strong Support. Secure Installation.*

### FAN HOOK 122#



- Rod Diameter: **7mm**
- Base Plate: **100mm x 30mm**
- Plate Thickness: **3mm**

*Heavy-duty fan hook for secure ceiling fan mounting.*

### FAN HOOK 123#



- Rod Diameter: **7mm**
- Bracket Length: **130mm**
- Bracket Width: **38mm**
- Plate Thickness: **3mm**
- Screw Size: **M10 x 70**

*Angled bracket fan hook for stable mounting and reliable support.*

### FEATURES

- Durable mild steel construction
- Corrosion-resistant zinc plated finish
- Easy to install for residential and commercial use

### APPLICATIONS



Ceiling Fan Installation



Electrical Installation



Residential Renovation



General Hardware Works

### GENERAL INFORMATION

|          |                                |
|----------|--------------------------------|
| Material | Mild Steel                     |
| Finish   | Zinc Plated                    |
| Brand    | SD                             |
| Company  | Universal Bolts & Nuts Sdn Bhd |



CODE: SD-CG04



UNIVERSAL  
BOLT & NUT

# SIDE ADJUSTABLE CABLE GRIPPER

FOR 1–2 mm WIRE ROPE



## SUITABLE FOR WIRE ROPE

1–2 mm Stainless Steel Cable



## ADJUSTABLE LENGTH

Push to adjust and  
secure the cable



## SECURE & RELIABLE

Side cable locking for  
strong holding power



## EASY CABLE EXIT

Smooth side outlet  
for easy installation



## DURABLE & RUST RESISTANT

Made of high-quality  
stainless steel

SUITABLE FOR  
1–2 mm  
WIRE ROPE



PUSH TO ADJUST  
Adjust the cable  
length easily



10 mm



EXIT HOLE DIAMETER  
4 mm



### COMPATIBLE CABLE SIZE

1–2 mm  
Stainless Steel  
Wire Rope



### ADJUSTABLE

Push to adjust  
cable length  
easily



### SIDE LOCKING DESIGN

Side cable entry for  
strong and secure  
locking



### MATERIAL

Stainless Steel 304  
Corrosion resistant  
and durable



### APPLICATION

Ideal for hanging lights,  
signs, frames, displays,  
and more





CODE: SD-CG06



UNIVERSAL  
BOLT & NUT

# LARGE STEEL WIRE ROPE LOCK

FOR 1.5–3 mm WIRE ROPE



## SUITABLE FOR WIRE ROPE

1.5–3 mm Stainless Steel Cable



## SECURE LOCKING

Tighten with screws



## STRONG & DURABLE

High-quality stainless steel material



## EASY TO INSTALL

Simple structure for convenient use

SUITABLE  
WIRE ROPE SIZE  
1.5–3 mm



TIGHTEN WITH  
SCREWS  
Secure the wire  
rope firmly



8 mm  
LOCK BODY  
DIAMETER



## COMPATIBLE CABLE SIZE

1.5–3 mm  
Stainless Steel  
Wire Rope



## LOCKING METHOD

Insert cable and  
tighten with screws



## MATERIAL

Stainless Steel 304  
Corrosion resistant  
and durable



## APPLICATION

Suitable for hanging systems,  
suspension cables, lighting  
fixtures, and more



UNIVERSAL BOLTS & NUTS SDN BHD

SD CABLEGRIP SYSTEM™



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CODE: SD-CG08



UNIVERSAL  
BOLT & NUT

# SQUARE CABLE GRIPPER BRACKET

ADJUSTABLE WIRE ROPE GRIPPER



**SUITABLE FOR WIRE ROPE**  
1–2 mm Stainless Steel Cable



**MOUNTING HOLE DIAMETER**  
6 mm



**CENTER-TO-CENTER HOLE DISTANCE**  
54 mm



**BRACKET HEIGHT**  
35 mm



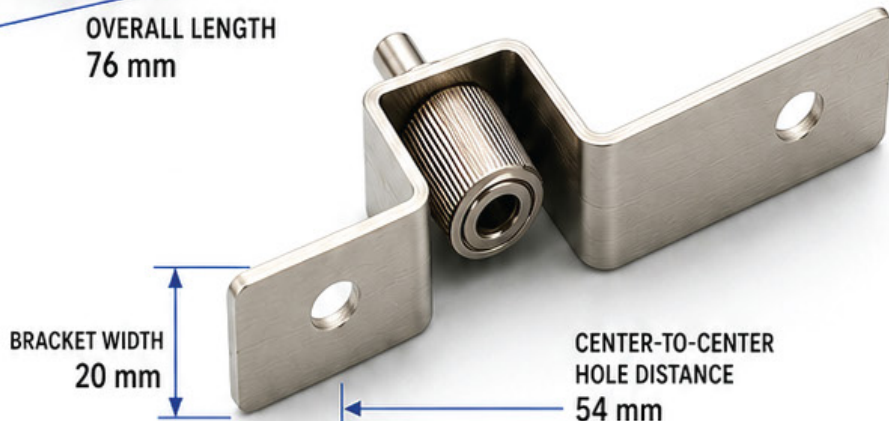
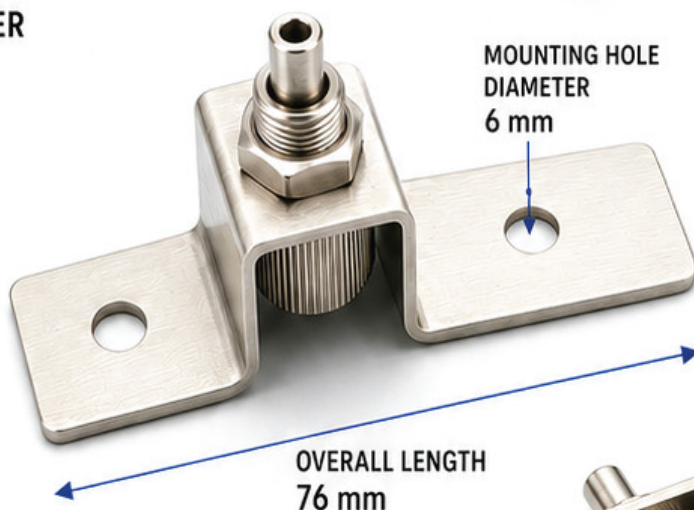
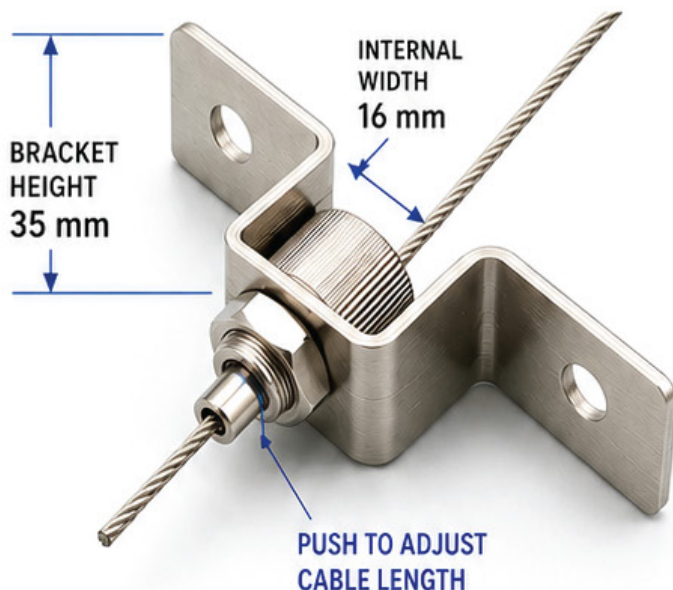
**BRACKET WIDTH**  
20 mm



**OVERALL LENGTH**  
76 mm



**INTERNAL WIDTH**  
16 mm



**PUSH TO ADJUST  
CABLE LENGTH**

EASY & SECURE ADJUSTMENT



**SECURE LOCKING**  
Strong gripping power holds wire rope firmly in place.



**ADJUSTABLE**  
Push to adjust the cable length easily and securely.



**CORROSION RESISTANT**  
Made of high quality stainless steel for durability.



**EASY INSTALLATION**  
Simple structure for quick and convenient installation.





CODE: SD-CG01



UNIVERSAL  
BOLT & NUT

# ROUND DISC CABLE MOUNTING BASE

## FOR 1–2 mm WIRE ROPE



### SUITABLE FOR WIRE ROPE

Fits 1–2 mm  
stainless steel cable



### ADJUSTABLE CABLE GRIPPER

Press and hold to  
adjust the cable length



### SECURE MOUNTING

3 mounting holes for  
stable installation



### STAINLESS STEEL 304

Corrosion resistant  
and durable



### EASY TO INSTALL

Quick and simple  
installation

FITS 1–2 mm  
WIRE ROPE

HEIGHT  
34 mm

DIAMETER  
40 mm

MOUNTING HOLE  
DIAMETER  
4 mm

### SPECIFICATIONS



COMPATIBLE  
CABLE SIZE

1–2 mm  
Stainless Steel  
Wire Rope



ADJUSTABLE

Press and hold to  
adjust the cable  
length



MOUNTING

3 mounting holes  
Secure installation  
with 3 screw holes



CORROSION  
RESISTANT

High-quality  
stainless steel 304



WIDE APPLICATION

Ideal for hanging  
lights, signs, frames,  
displays, and more



**SUS 304**  
STAINLESS STEEL



UNIVERSAL BOLTS & NUTS SDN BHD

SD CABLEGRIP SYSTEM



[www.universalbolts.com.my](http://www.universalbolts.com.my)



# ARCHED CABLE GRIPPER BRACKET

## ADJUSTABLE WIRE ROPE GRIPPER

The Arched Cable Gripper Bracket provides a secure and adjustable solution for suspending and tensioning stainless steel wire rope. Designed for strength, durability, and quick installation.



**SUITABLE FOR WIRE ROPE**  
1-2 mm Stainless Steel Cable



**MOUNTING HOLE DIAMETER**  
6 mm



**CENTER-TO-CENTER  
HOLE DISTANCE**  
50 mm



**BRACKET HEIGHT**  
36 mm



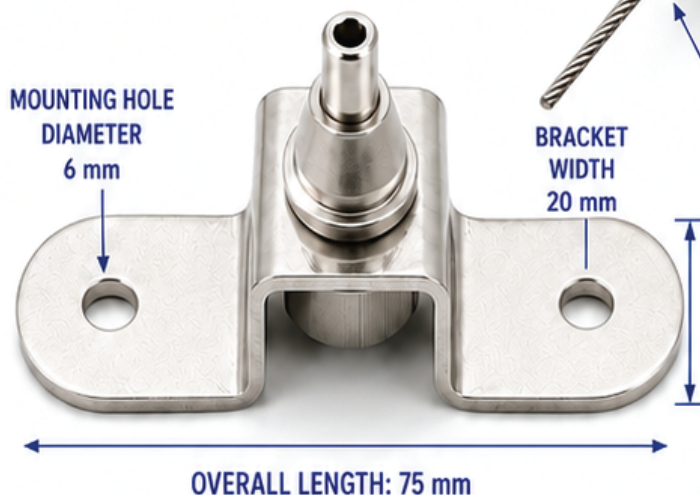
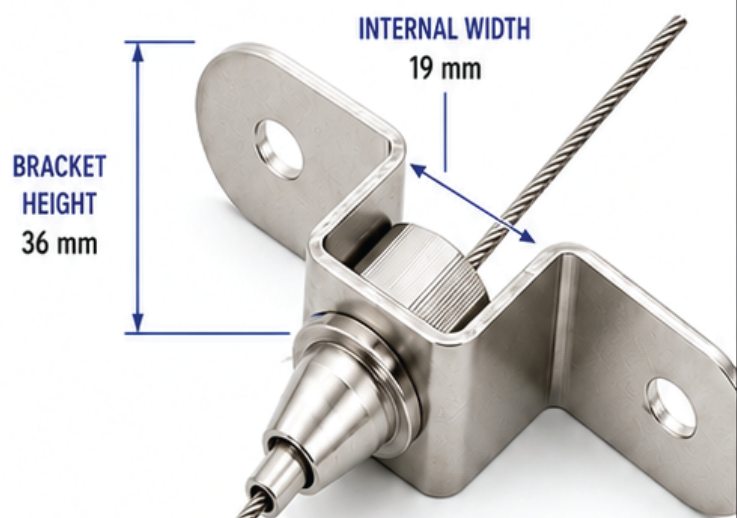
**BRACKET WIDTH**  
20 mm



**OVERALL LENGTH**  
75 mm



**INTERNAL WIDTH**  
19 mm



**PUSH TO ADJUST  
CABLE LENGTH**

EASY & SECURE ADJUSTMENT



**SECURE LOCKING**  
Strong gripping power  
holds wire rope firmly  
in place.



**ADJUSTABLE**  
Push to adjust the cable  
length easily and  
securely.



**CORROSION RESISTANT**  
Made of high quality  
stainless steel for  
durability.



**EASY INSTALLATION**  
Simple structure for  
quick and convenient  
installation.



CODE: SD-CG02



UNIVERSAL  
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# ADJUSTABLE CABLE MOUNTING BRACKET

FOR 1–1.5 mm WIRE ROPE



## SUITABLE FOR WIRE ROPE

Designed for 1–1.5 mm stainless steel wire rope



## ADJUSTABLE DESIGN

Press and hold to adjust the wire rope length



## SECURE & STABLE

Firm locking mechanism ensures safety and stability



## EASY TO INSTALL

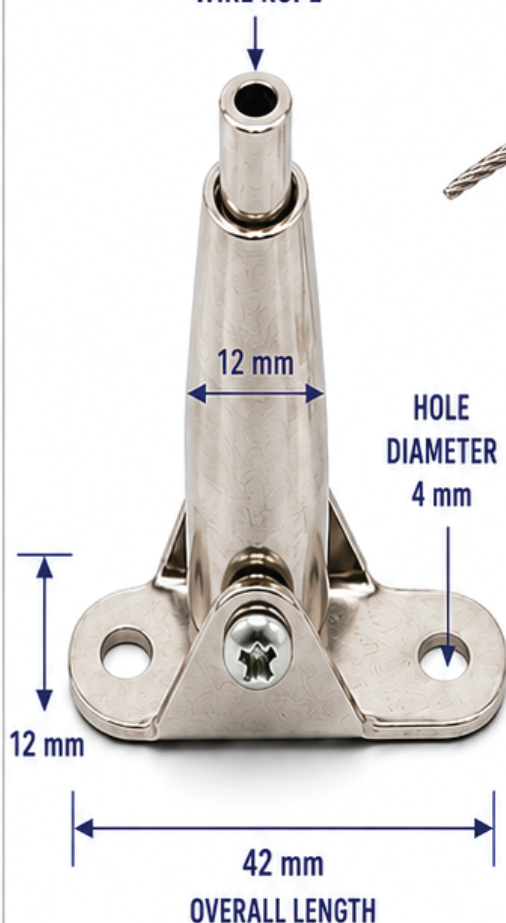
Pre-drilled mounting holes for quick installation



## DURABLE & RUST RESISTANT

Made of high-quality stainless steel, corrosion resistant

FOR 1–1.5 mm  
WIRE ROPE

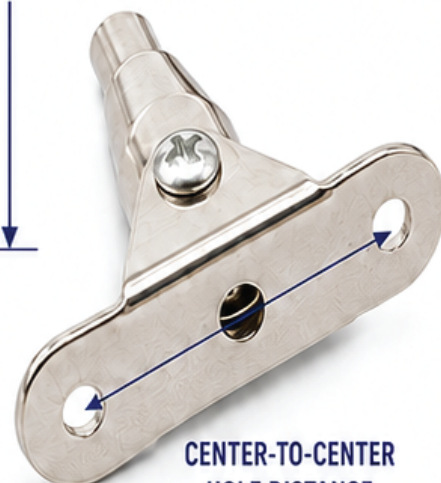


## ADJUSTABLE CABLE LOCK

Press and hold to  
adjust the wire rope  
length easily



39 mm  
HEIGHT



CENTER-TO-CENTER  
HOLE DISTANCE  
30 mm



### COMPATIBLE CABLE SIZE

1–1.5 mm  
Stainless Steel  
Wire Rope



### ADJUSTABLE LENGTH

Press and hold  
to adjust the  
wire rope length



### SECURE LOCKING

Strong locking  
mechanism for  
safe installation



### MATERIAL

Stainless Steel 304  
Corrosion resistant  
and durable



### WIDE APPLICATION

Suitable for hanging  
lights, signs, frames,  
displays, and more





CODE: SD-CG03



UNIVERSAL  
BOLT & NUT

# ACRYLIC CABLE GRIPPER

## STRAIGHT TYPE

FOR 1–2 mm WIRE ROPE

SUITABLE FOR 1–2 mm WIRE ROPE

Insert the wire rope and  
automatically lock

Push to adjust the cable length



**SUITABLE FOR**  
1–2 mm Stainless  
Steel Cable



**ADJUSTABLE & LOCKABLE**  
Push to adjust and lock  
the wire rope



**STRONG & SECURE**  
M5 Hex Socket Screw  
for firm locking



**DURABLE MATERIAL**  
High-quality zinc alloy  
with chrome plated



**EASY INSTALLATION**  
Simple structure, easy  
and quick to use



**M5 HEX SOCKET  
SET SCREW**  
For secure  
and reliable locking



### COMPATIBLE CABLE SIZE

1–2 mm  
Stainless Steel  
Wire Rope



### ADJUSTABLE LENGTH

Push to adjust  
the cable length  
easily



### SECURE LOCKING

M5 hex socket screw  
for strong and  
stable locking



### PREMIUM MATERIAL

Zinc alloy body with  
chrome plated  
surface, rust resistant  
and durable



### WIDE APPLICATION

Ideal for hanging  
lights, signs, frames,  
displays, and more



UNIVERSAL BOLTS & NUTS SDN BHD

SD CABLEGRIP SYSTEM



www.universalbolts.com.my



# SMALL SAFETY SNAP HOOK

## WITH CABLE GRIPPER

— FOR 1–1.5 mm WIRE ROPE —



**SUITABLE FOR WIRE ROPE**  
1–1.5 mm Stainless Steel Cable



**ADJUSTABLE CABLE GRIPPER**  
Push to adjust and secure the wire rope



**SAFETY LATCH DESIGN**  
Spring-loaded latch prevents accidental detachment



**EASY CABLE EXIT**  
Smooth outlet for easy installation



**DURABLE & CORROSION RESISTANT**  
Made of high-quality stainless steel

SUITABLE FOR  
1–1.5 mm  
WIRE ROPE

7.8 mm  
(0.31 inch)

**THICKNESS**  
3.4 mm (0.13 inch)

61 mm  
(2.40 inch)



**ADJUSTABLE CABLE GRIPPER**  
Push to adjust the wire rope



**SAFETY LATCH**  
Spring-loaded design prevents accidental detachment  
**OPENING:** Approx. 6.5 mm (0.26 inch)

### SPECIFICATIONS

|                             |                                       |
|-----------------------------|---------------------------------------|
| COMPATIBLE CABLE SIZE ..... | 1–1.5 mm<br>Stainless Steel Wire Rope |
| MATERIAL .....              | Stainless Steel 304                   |
| OPENING .....               | Approx. 6.5 mm<br>(0.26 inch)         |
| HOOK THICKNESS .....        | 3.4 mm (0.13 inch)                    |
| LATCH GAP .....             | 7.8 mm (0.31 inch)                    |
| OVERALL LENGTH .....        | 61 mm (2.40 inch)                     |
| FINISH .....                | Polished                              |
| CORROSION RESISTANCE .....  | Excellent                             |



**COMPATIBLE CABLE SIZE**  
1–1.5 mm  
Stainless Steel  
Wire Rope



**ADJUSTABLE**  
Push to adjust  
cable length  
easily



**SECURE & SAFE**  
Safety latch design  
for reliable  
connection



**PREMIUM MATERIAL**  
Stainless Steel 304  
Strong, durable  
and corrosion  
resistant



**WIDE APPLICATION**  
Ideal for hanging  
lights, signs, frames,  
displays, and more





CODE: SD-ALB01



UNIVERSAL  
BOLT & NUT

# ADJUSTABLE LEG BOLTS

ZINC PLATED



## ADJUSTABLE HEIGHT

Easy leveling and height adjustment.



## STRONG THREADED STEM

Provides secure and stable support.



## HEX NUT ADJUSTMENT

Simple tightening and precise positioning.



## ROUND METAL BASE

Good floor contact and stability.



## ZINC PLATED FINISH

Corrosion resistant and durable.



## WIDE APPLICATION

Suitable for furniture, racks, cabinets, machines, and industrial support.



## SIZE OPTIONS

| CODE      | SIZE          | THREAD | BASE DIA. | APPROX. LOAD |
|-----------|---------------|--------|-----------|--------------|
| SD-ALB01A | D86 M16 x 100 | M16    | 86 mm     | 250 kg       |
| SD-ALB01B | D86 M16 x 120 | M16    | 86 mm     | 250 kg       |
| SD-ALB01C | D86 M16 x 150 | M16    | 86 mm     | 250 kg       |
| SD-ALB01D | D76 M12 x 80  | M12    | 76 mm     | 150 kg       |
| SD-ALB01E | D76 M12 x 100 | M12    | 76 mm     | 150 kg       |
| SD-ALB01F | D53 M10 x 80  | M10    | 53 mm     | 80 kg        |

## GENERAL SPECIFICATIONS

|              |                                                                            |
|--------------|----------------------------------------------------------------------------|
| Product Name | : Adjustable Leg Bolts                                                     |
| Finish       | : Zinc Plated                                                              |
| Material     | : Steel                                                                    |
| Type         | : Adjustable Leveling Foot                                                 |
| Brand        | : SD                                                                       |
| Company      | : Universal Bolts & Nuts Sdn Bhd                                           |
| Website      | : <a href="http://www.universalbolts.com.my">www.universalbolts.com.my</a> |
| Application  | : Furniture, racks, cabinets, machines, and industrial support             |



ADJUSTABLE



DURABLE



STABLE SUPPORT



CORROSION  
RESISTANT



WIDE  
APPLICATION



[www.universalbolts.com.my](http://www.universalbolts.com.my)