



FASTENER MANUFACTURING SUPPLIER

## ZDI SUPPLIES(HAIYAN)CO.,LTD

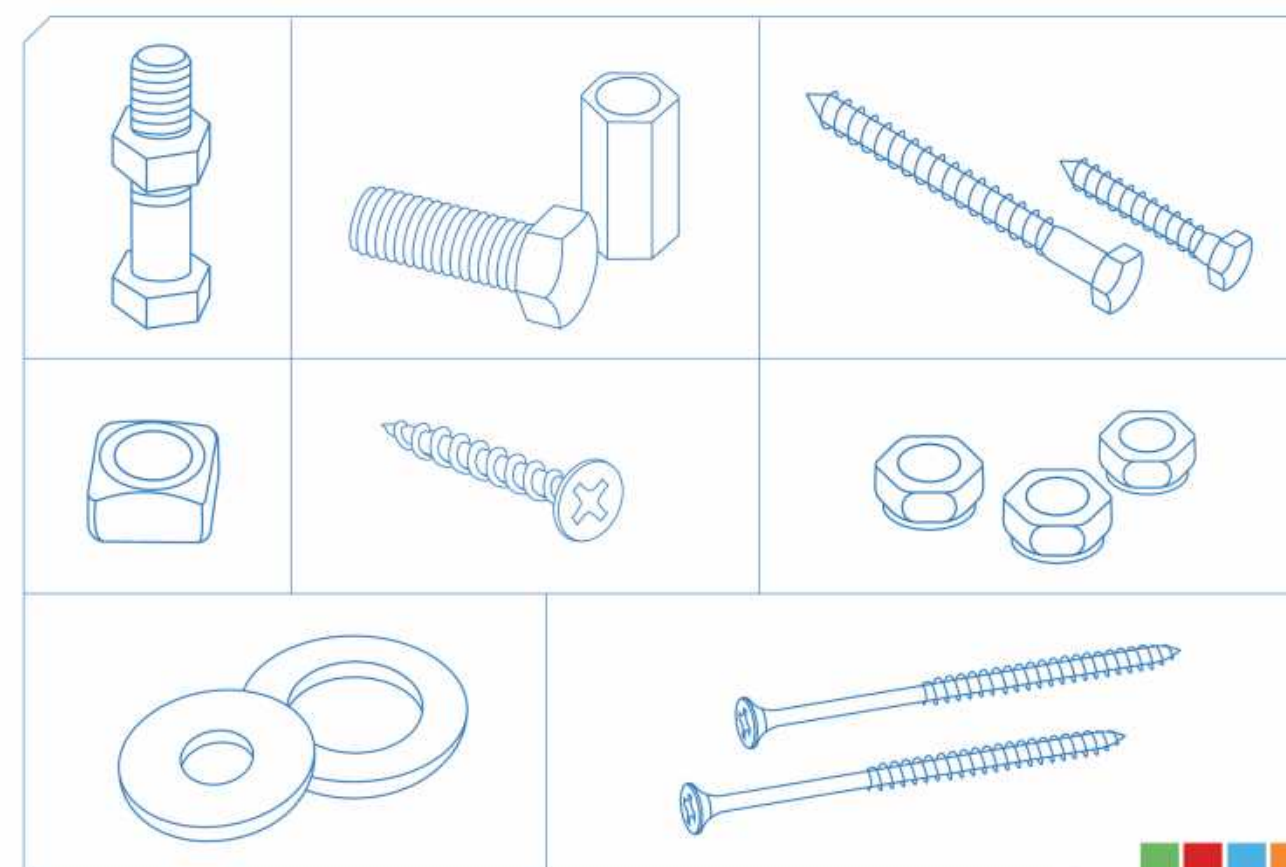
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# FASTENER



# Group Profile

Zhongda United Holding Group Co.,Ltd. was first established in 1964.After years of efforts, it is now an ISO9001, ISO14001 and OHSAS18001 qualified enterprise with more than 3000 employees and total area of 478,000 square meters. In 2021, the company's total sales amount was \$1000 million.

ZDI is one of Zhongda United Holding Group's subsidiaries, which was officially established in 2006, locating in Jiaxing city, Zhejiang, China. In 2021, the export volume reached \$138 million.

We can supply Chipboard Screws & Construction Screws (capacity: 1000tons per month),Drywall Screws(capacity:1000tons per month), as well as other screws, bolts, nuts, thread rod and stamping

parts. We consider ourselves as a solution provider of fasteners, especially when it comes to project supply.

We can also provide full range of DIY assortment and professional packaging design solution for retailer display purpose. We have good experiences cooperating with European and America retailers (TCHIBO, LIDI, ALDI, HORNBACK, LOWE'S, HOMEDPOT ,etc.)

We have our ownlab, which is CNAS approved, as we treat products quality as priority.With our passion in fasteners, you will find our team a trustworthy partner and we are eager to hearing from you.



# Catalog

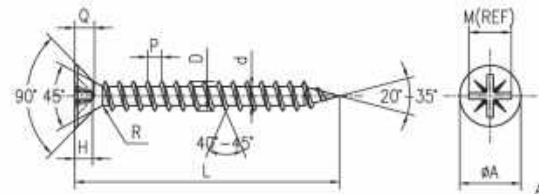
|    |                     |    |
|----|---------------------|----|
| 01 | Chipboard Screw     | 02 |
| 02 | Construction Screw  | 03 |
| 03 | Drywall Screw       | 03 |
| 04 | Self Tapping Screw  | 04 |
| 05 | Self Drilling Screw | 06 |
| 06 | Other Screws        | 08 |
| 07 | Threaded Rod        | 12 |
| 08 | Bolt                | 13 |
| 09 | Nut                 | 16 |
| 10 | Washer              | 19 |
| 11 | Anchor              | 21 |
| 12 | Quality Control     | 23 |
| 13 | Package             | 24 |



## 1. Chipboard Screw

### Chipboard Screw

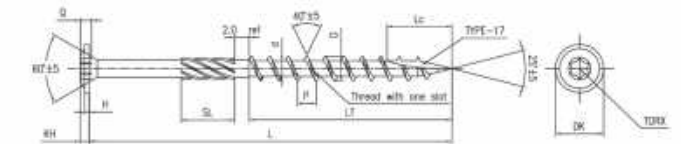
|                   |                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------|
| STANDARD          | DIN7505                                                                                                |
| DIAMETER          | 2.5-6.0mm                                                                                              |
| SCREW POINTS      | self-tapping screw                                                                                     |
| LENGTH            | 8-200mm                                                                                                |
| THREAD FORM       | Coarse Thread/Fine Thread                                                                              |
| HEAD TYPE         | Countersunk Head/Pan Head/<br>Double Countersunk Head/Half Countersunk Head/<br>Round Head With Washer |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plated/Black/<br>Phosphating/Dacromet/Respert/Nickel Plated                    |
| MATERIAL          | Carbon Steel/ Stainless Steel                                                                          |



## 2. Construction Screw

### Construction Screw

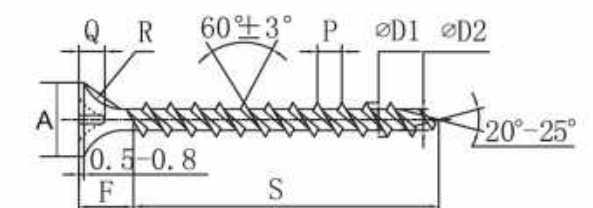
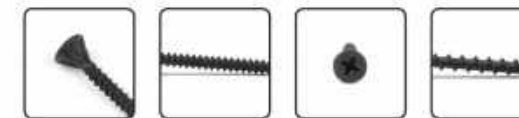
|                   |                                                          |
|-------------------|----------------------------------------------------------|
| DIAMETER          | 3.0-10.0mm                                               |
| SCREW POINTS      | Type-17 cutting point                                    |
| LENGTH            | 16-400mm                                                 |
| THREAD FORM       | Knurling/Unknurling                                      |
| HEAD TYPE         | Countersunk Head/Truss Modified Head                     |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plated/<br>Ruspert/Nickel Plated |
| MATERIAL          | Carbon Steel/ Stainless Steel                            |



## 3. Drywall Screw

### Drywall Screw

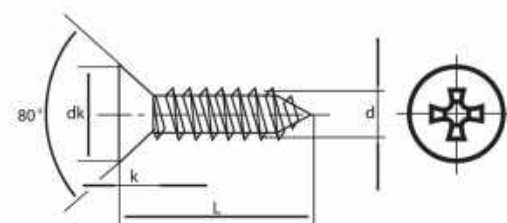
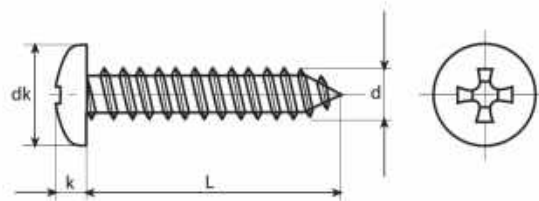
|                   |                                                                       |
|-------------------|-----------------------------------------------------------------------|
| DIAMETER          | Ø3.5 (6#) / Ø3.8 (7#) / Ø4.2 (8#) / Ø4.8 (10#)                        |
| LENGTH            | 13-152mm                                                              |
| THREAD FORM       | Coarse / Fine / High-Low                                              |
| POINT             | Sharp / Drill                                                         |
| HEAD TYPE         | Bugle/Flat                                                            |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plated/Black/<br>Phosphating/Grey Phosphating |
| MATERIAL          | Carbon Steel/ Stainless Steel                                         |



## 4. Self Tapping Screw

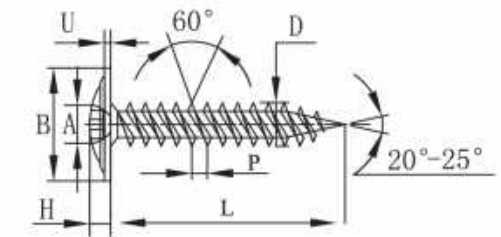
### Self Tapping Screw

| STANDARD          | DIN7981                                                                                 | DIN7982                                            | DIN7983                                            | ASME B18.6.4                                                                                     |
|-------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------|
| DIAMETER          | ST2.2,ST2.9<br>ST3.5,ST4.2<br>ST4.8,ST6.3<br>ST5.5                                      | ST2.2,ST2.9<br>ST3.5,ST4.2<br>ST4.8,ST5.5<br>ST6.3 | ST2.2,ST2.9<br>ST3.5,ST4.2<br>ST4.8,ST5.5<br>ST6.3 | 0#, 1#, 2#,<br>4#, 5#, 6#,<br>7#, 8#, 10#,<br>12#, 14#,<br>1/4", 5/16",<br>3/8", 7/16",<br>1/2", |
| LENGTH            | 4.5-50mm                                                                                | 4.5-50mm                                           | 4.5-50mm                                           | 3/16"-2"                                                                                         |
| HEAD TYPE         | Flat/Pan/Oval/Hex/ Hex head with washer/Cheese                                          |                                                    |                                                    |                                                                                                  |
| THREAD            | AB/B/BP/BF/BT/D/F/G/T/AB/C/U                                                            |                                                    |                                                    |                                                                                                  |
| SURFACE TREATMENT | Zinc Plated/ Yellow Zinc/Plain/Ruspert/Nickel/<br>Black Phosphating/Dacromet/Black Zinc |                                                    |                                                    |                                                                                                  |



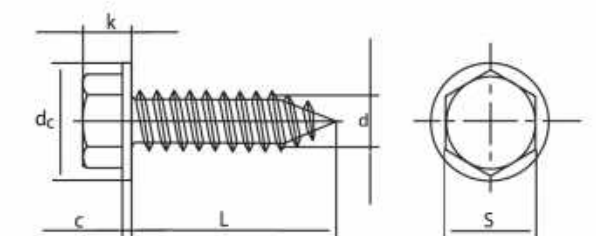
### Wafer Head Self Tapping Screw

| DIAMETER          | Ø3.5 (6#)<br>Ø4.2 (8#)<br>Ø4.8 (10#)                                              |
|-------------------|-----------------------------------------------------------------------------------|
| LENGTH            | 13-75mm                                                                           |
| THREAD FORM       | Twin Fast                                                                         |
| POINT             | Short / Drilling                                                                  |
| HEAD TYPE         | Wafer                                                                             |
| SURFACE TREATMENT | Zinc Plated/ Yellow Zinc/Ruspert/Nickel/<br>Black Phosphating/Dacromet/Black Zinc |
| MATERIAL          | Carbon Steel/ Stainless Steel                                                     |



### Hexagon Washer Head Tapping Screw

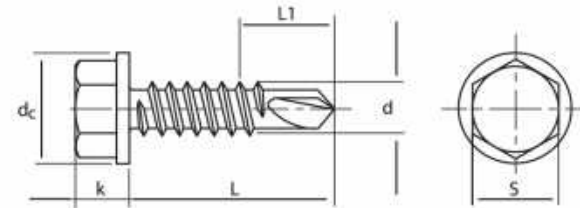
| STANDARD          | DIN6928                               |                                        |
|-------------------|---------------------------------------|----------------------------------------|
| DIAMETER          | 3.5,4.2,4.8,5.5,6.3                   | 4#,6#,8#,10#,12#,14#<br>1/2, 1/4, 5/16 |
| LENGTH            | 6-150                                 | 1/2-2"                                 |
| HEAD TYPE         | Hex Washer Head                       |                                        |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plated/ Black |                                        |
| MATERIAL          | Carbon Steel/ Stainless Steel         |                                        |



## 5. Self Drilling Screw

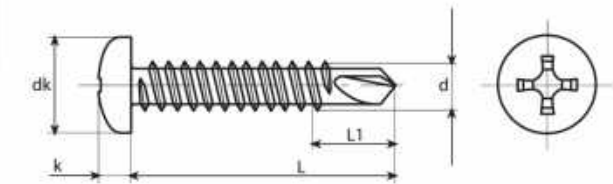
### Hexagon Washer Head Self-drilling Screw

|                   |                                       |                                     |
|-------------------|---------------------------------------|-------------------------------------|
| STANDARD          | DIN7504K                              |                                     |
| DIAMETER          | 3.5, 3.9, 4.2, 4.8, 5.5, 6.3          | 4#, 6#, 7#, 8#, 10#, 12#, 14#, 1/4" |
| LENGTH            | 6-150                                 | 1/4-6"                              |
| HEAD TYPE         | Hex Washer Head                       |                                     |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plated/ Black |                                     |
| MATERIAL          | Carbon Steel/Stainless Steel          |                                     |



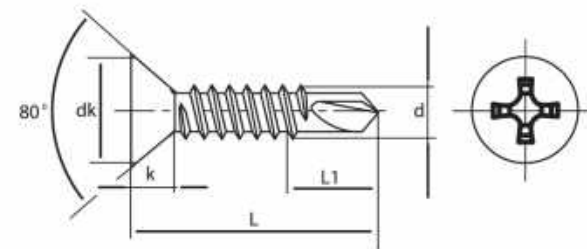
### Phillip Pan Head Self-drilling Screw

|                   |                                       |                                     |
|-------------------|---------------------------------------|-------------------------------------|
| STANDARD          | DIN7504N                              |                                     |
| DIAMETER          | 2.9, 3.5, 3.9, 4.2, 4.8, 5.5, 6.3     | 4#, 6#, 7#, 8#, 10#, 12#, 14#, 1/4" |
| LENGTH            | 4.5-150                               | 1/4-6"                              |
| HEAD TYPE         | Pan Head                              |                                     |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plated/ Black |                                     |
| MATERIAL          | Carbon Steel/ Stainless Steel         |                                     |



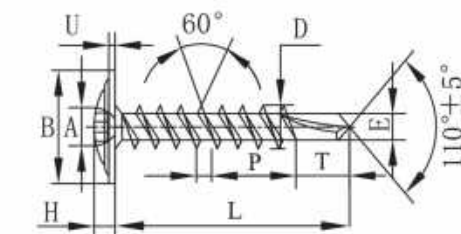
### Phillip Flat Head Self-drilling Screw

|                   |                                       |                                 |
|-------------------|---------------------------------------|---------------------------------|
| STANDARD          | DIN7504P                              |                                 |
| DIAMETER          | 3.5, 3.9, 4.2, 4.8, 5.5, 6.3          | 4#, 6#, 8#, 10#, 12#, 14#, 1/4" |
| LENGTH            | 6-150                                 | 1/4-6"                          |
| HEAD TYPE         | Flat Head                             |                                 |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plated/ Black |                                 |
| MATERIAL          | Carbon Steel/ Stainless Steel         |                                 |



### Phillip Wafer Head Drilling Screw

|                   |                                       |        |
|-------------------|---------------------------------------|--------|
| STANDARD          |                                       |        |
| DIAMETER          | 4.2                                   | 8#     |
| LENGTH            | 13-75                                 | 1/2-3" |
| HEAD TYPE         | Wafer Head                            |        |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plated/ Black |        |
| MATERIAL          | Carbon Steel/ Stainless Steel         |        |



## 6. Other Screws

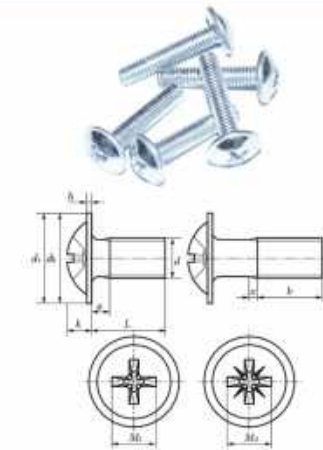
### Framing Screw

|                   |                                                                                  |
|-------------------|----------------------------------------------------------------------------------|
| DIAMETER          | Ø3.5 (6#) / 3.9                                                                  |
| LENGTH            | 9.5-11                                                                           |
| HEAD TYPE         | Pan Framing Head                                                                 |
| THREAD            | Twin Fast                                                                        |
| POINT             | Sharp / Drilling                                                                 |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc/Ruspert/Nickel/<br>Black Phosphating/Dacromet/Black Zinc |
| MATERIAL          | Carbon Steel/ Stainless Steel                                                    |



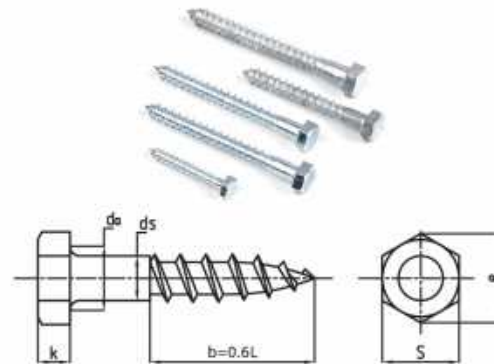
### Phillip Wafer Head Machine Screw

|                   |                                       |                   |
|-------------------|---------------------------------------|-------------------|
| STANDARD          | DIN967                                | ASME/ANSI B18.6.3 |
| DIAMETER          | M1.6-10                               | 6#-5/16           |
| LENGTH            | 1.5-200                               | 1/4-8"            |
| HEAD TYPE         | Pan Wafer Head                        |                   |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plated/ Black |                   |
| MATERIAL          | Carbon Steel/ Stainless Steel         |                   |



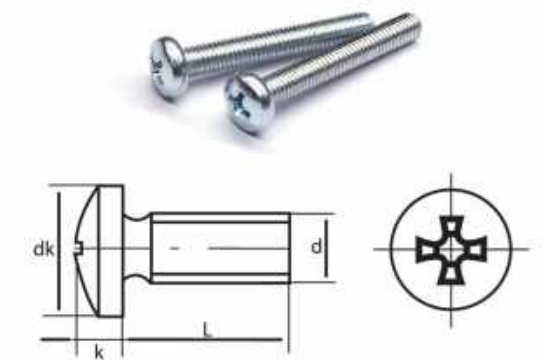
### Hexagon Head Wood Screw

|                   |                                                                                       |              |
|-------------------|---------------------------------------------------------------------------------------|--------------|
| STANDARD          | DIN571                                                                                | ASME B18.2.1 |
| DIAMETER          | 4.0-20mm                                                                              | 3/16"-3/4"   |
| LENGTH            | 16-200mm                                                                              |              |
| HEAD TYPE         | Hex Head                                                                              |              |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plated Ruspert/<br>Hot Dip Galvanized/Mechanical Zinc Plating |              |
| MATERIAL          | Carbon Steel/Stainless Steel                                                          |              |



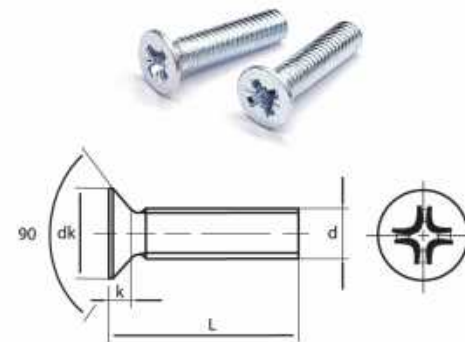
### Phillip Pan Head Machine Screw

|                   |                                       |                   |
|-------------------|---------------------------------------|-------------------|
| STANDARD          | DIN7985                               | ASME/ANSI B18.6.3 |
| DIAMETER          | M1.6-10                               | 6#-5/16           |
| LENGTH            | 1.5-200                               | 1/4-8"            |
| HEAD TYPE         | Pan Head                              |                   |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plated/ Black |                   |
| MATERIAL          | Carbon Steel/ Stainless Steel         |                   |



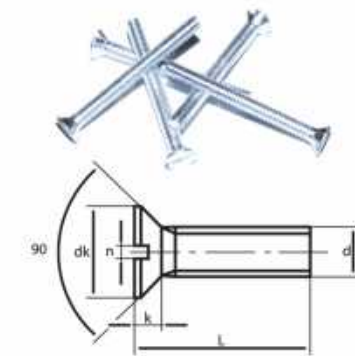
### Phillip Flat Machine Screw

|                   |                                       |                   |
|-------------------|---------------------------------------|-------------------|
| STANDARD          | DIN965                                | ASME/ANSI B18.6.3 |
| DIAMETER          | M1.6-10                               | 6#-5/16           |
| LENGTH            | 1.5-200                               | 1/4-8"            |
| HEAD TYPE         | Flat Head                             |                   |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plated/ Black |                   |
| MATERIAL          | Carbon Steel/ Stainless Steel         |                   |



### Slot Flat Head Machine Screw

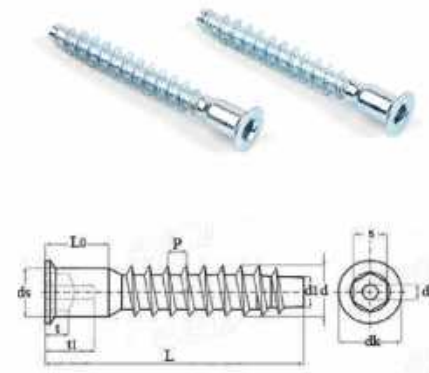
|                   |                                       |                   |
|-------------------|---------------------------------------|-------------------|
| STANDARD          | DIN963                                | ASME/ANSI B18.6.3 |
| DIAMETER          | M1-20                                 | 6#-5/16           |
| LENGTH            | 1.5-200                               | 1/4-8"            |
| HEAD TYPE         | Flat Head                             |                   |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plated/ Black |                   |
| MATERIAL          | Carbon Steel/ Stainless Steel         |                   |



## 6. Other Screws

### Furniture Screw

|                   |                                |
|-------------------|--------------------------------|
| DIAMETER          | 6.3-7.5mm                      |
| LENGTH            | 20-70mm                        |
| HEAD TYPE         | Socket Countersunk Head        |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plated |
| MATERIAL          | Carbon Steel/Stainless Steel   |



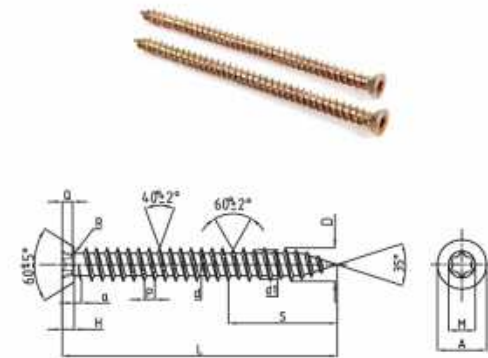
### Hanger Bolt

|                   |                                                               |
|-------------------|---------------------------------------------------------------|
| DIAMETER          | 6.0-12mm                                                      |
| LENGTH            | 40-200mm                                                      |
| THREAD FORM       | One side with machine thread<br>another side with wood thread |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plated                                |
| MATERIAL          | Carbon Steel/Stainless Steel                                  |



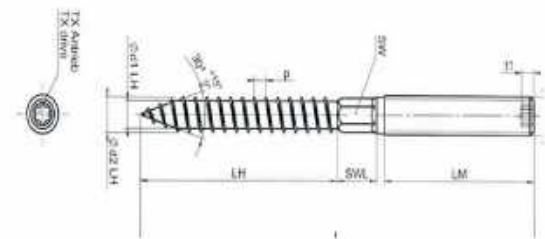
### Concrete Screw

|                   |                                        |
|-------------------|----------------------------------------|
| DIAMETER          | 7.5mm                                  |
| LENGTH            | 42-212mm                               |
| THREAD FORM       | Hi-Lo thread with Cutting Line         |
| HEAD TYPE         | Flat Head/Round Head                   |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plated/Ruspert |
| MATERIAL          | Carbon Steel                           |



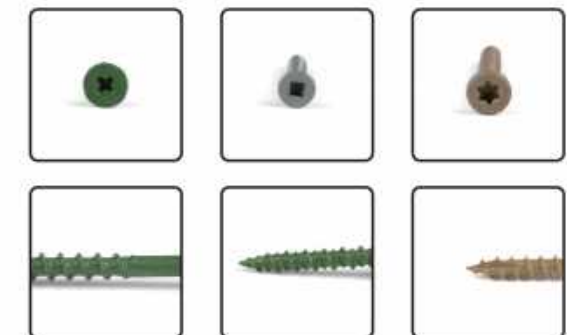
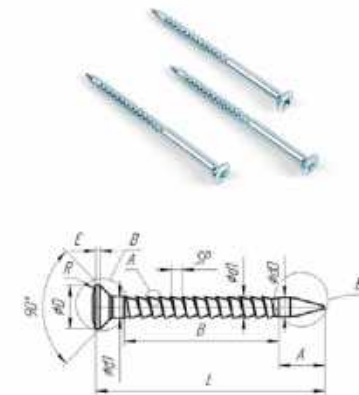
### Deck Screw

|                   |                                                                                     |
|-------------------|-------------------------------------------------------------------------------------|
| DIAMETER          | 6# / 7# / 8# / 9# / 10#                                                             |
| LENGTH            | 5/8" - 6"                                                                           |
| HEAD TYPE         | Countersunk Head                                                                    |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plated/Black/<br>Phosphating/Dacromet/Respert/Nickel Plated |
| MATERIAL          | Carbon Steel/Stainless Steel                                                        |



### Nail Screw

|                   |                                          |
|-------------------|------------------------------------------|
| DIAMETER          | 3.5-6.9mm                                |
| LENGTH            | 30-230mm                                 |
| THREAD FORM       | Umbrella Thread                          |
| HEAD TYPE         | Countersunk Head/Countersunk Socket Head |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plated           |
| MATERIAL          | Carbon Steel                             |

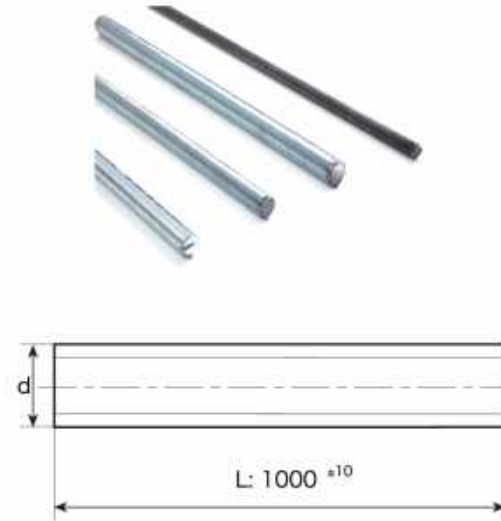




## 7. Threaded Rod

### Threaded Rod

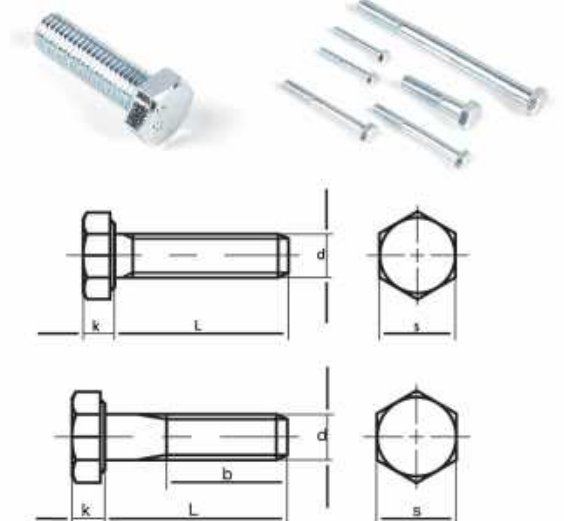
|                   |                                                                                                          |               |
|-------------------|----------------------------------------------------------------------------------------------------------|---------------|
| STANDARD          | DIN975                                                                                                   | ASME B18.31.2 |
| DIAMETER          | M2-M52                                                                                                   | 1/4"-4"       |
| LENGTH            | 1000mm-5000mm                                                                                            | 36"-200"      |
| THREAD FORM       | Coarse Thread/Fine Thread                                                                                |               |
| SURFACE TREATMENT | Phosphated/Black/Zinc Plated/Yellow Zinc Plated/<br>Plain/Hot Dip Galvaizing/Hot Dip Galvaizing/Dacromet |               |
| MATERIAL          | Carbon Steel/Stainless Steel/Copper Alloy/<br>Aluminium Alloy/Titanium Alloy/<br>Special Alloy/Non-metal |               |
| GRADE             | 3.6/4.6/4.8/5.6<br>5.8/6.8/8.8/9.8<br>10.9/12.9                                                          | 2/5/8/B7/B8   |



## 8. Bolt

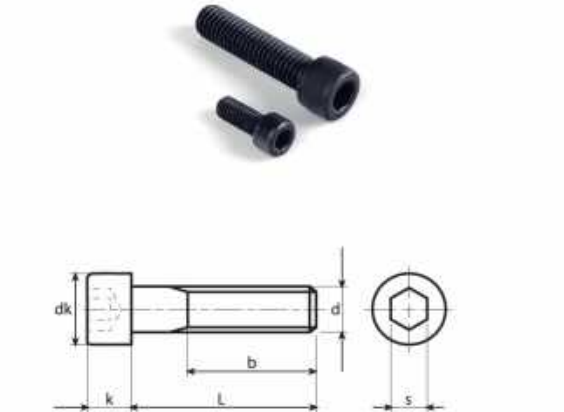
### Hex Bolt

|                   |                                                                                                     |        |
|-------------------|-----------------------------------------------------------------------------------------------------|--------|
| STANDARD          | DIN933                                                                                              | DIN931 |
| DIAMETER          | M1.5-M100                                                                                           |        |
| LENGTH            | 5-1000mm                                                                                            |        |
| THREAD FORM       | Standard Thread/ Fine Thread                                                                        |        |
| HEAD TYPE         | Hex Head                                                                                            |        |
| SURFACE TREATMENT | Plain/Black/Zinc Plate/Yellow Zinc Plate/<br>Mechanical Galvaizing/ Hot Dip Galvanizing/ Dacromet   |        |
| MATERIAL          | Steel/Stainless Steel/ Copper Alloy/<br>Aluminium Alloy/ Titanium Alloy/<br>Special Alloy/ Nonmetal |        |
| GRADE             | 3.6/4.6/4.8/5.6<br>5.8/6.8/8.8/9.8<br>10.9/12.9                                                     |        |



### Hexagon Socket Head Cap Screw

|                   |                                                                                                     |
|-------------------|-----------------------------------------------------------------------------------------------------|
| STANDARD          | DIN912                                                                                              |
| DIAMETER          | M3-M100                                                                                             |
| LENGTH            | 2-300mm                                                                                             |
| THREAD FORM       | Standard Thread/ Fine Thread                                                                        |
| HEAD TYPE         | Hexagon socket head                                                                                 |
| SURFACE TREATMENT | Plain/Black/ Zinc Plate/ Yellow Zinc Plate/<br>Mechanical Galvaizing/ Hot Dip Galvanizing/ Dacromet |
| MATERIAL          | Steel/Stainless Steel/ Copper Alloy/<br>Aluminium Alloy/Titanium Alloy/<br>Special Alloy/Nonmetal   |
| GRADE             | 3.6/4.6/4.8/5.6<br>5.8/6.8/8.8/9.8<br>10.9/12.9                                                     |

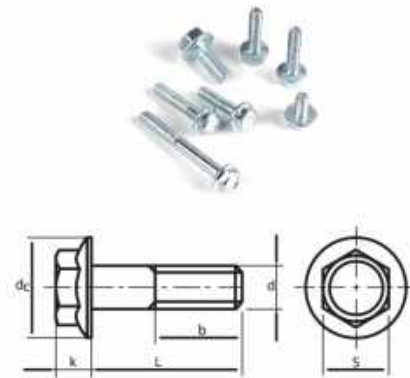




## 8. Bolt

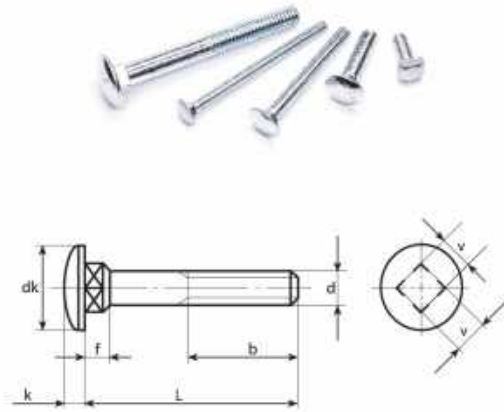
### Hex Flange Bolt

|                   |                                                                                                     |             |
|-------------------|-----------------------------------------------------------------------------------------------------|-------------|
| STANDARD          | DIN6921                                                                                             | IFI C-28    |
| DIAMETER          | M5-M20                                                                                              | 1/4"-1-1/4" |
| LENGTH            | 10-200mm                                                                                            | 1/2"-12"    |
| THREAD FORM       | Standard Thread/ Fine Thread                                                                        |             |
| HEAD TYPE         | Hexagon socket head                                                                                 |             |
| SURFACE TREATMENT | Plain/Black/ Zinc Plate/ Yellow Zinc Plate/<br>Mechanical Galvaizing/ Hot Dip Galvanizing/ Dacromet |             |
| MATERIAL          | Steel/Stainless Steel/ Copper Alloy/<br>Aluminium Alloy/Titanium Alloy/<br>Special Alloy/Nonmetal   |             |
| GRADE             | 3.6/4.6/4.8/5.6<br>5.8/6.8/8.8/9.8<br>10.9/12.9                                                     |             |



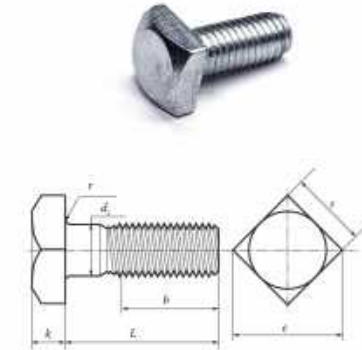
### Carriage Bolt

|                   |                                                                                                         |            |             |
|-------------------|---------------------------------------------------------------------------------------------------------|------------|-------------|
| STANDARD          | DIN603                                                                                                  | ASME B18.5 | IFI C-40    |
| DIAMETER          | M5-M20                                                                                                  | 1/4"-1"    | 1/4"-1-1/4" |
| LENGTH            | 16-200mm                                                                                                | 1/4"-20"   | 1/4"-20"    |
| THREAD FORM       | Coarse Thread/Fine Thread                                                                               |            |             |
| HEAD TYPE         | Mushroom Head                                                                                           |            |             |
| SURFACE TREATMENT | Plain /Black /Zinc Plate /Yellow Zinc Plate/<br>Mechanical Galvaizing /Hot Dip Galvanizing/<br>Dacromet |            |             |
| MATERIAL          | Steel /Stainless Steel/Copper Alloy/<br>Aluminium Alloy /Titanium Alloy/<br>Special Alloy /Nonmetal     |            |             |
| GRADE             | 3.6/4.6/4.8/5.6<br>5.8/6.8/8.8/9.8<br>10.9/12.9                                                         | 2 / 5 / 8  |             |



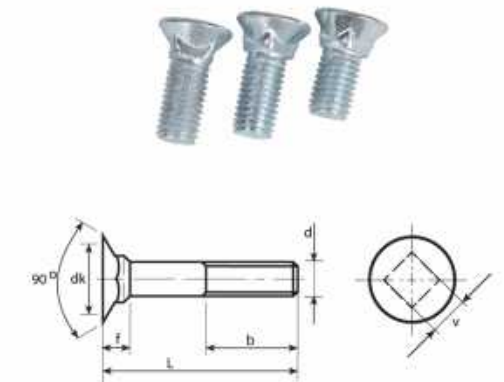
### Square Bolt

|                   |                                                                                                     |
|-------------------|-----------------------------------------------------------------------------------------------------|
| STANDARD          | ASME B18.2.1                                                                                        |
| DIAMETER          | 1/4"-1-1/2"                                                                                         |
| LENGTH            | 1 1/4"-10"                                                                                          |
| THREAD FORM       | Standard Thread/ Fine Thread                                                                        |
| HEAD TYPE         | Square Head                                                                                         |
| SURFACE TREATMENT | Plain/Black/ Zinc Plate/ Yellow Zinc Plate/<br>Mechanical Galvaizing/ Hot Dip Galvanizing/ Dacromet |
| MATERIAL          | Steel/Stainless Steel/ Copper Alloy/<br>Aluminium Alloy/Titanium Alloy/<br>Special Alloy/Nonmetal   |
| GRADE             | 2 / 5 / 8                                                                                           |



### Flat Countersunk Head Square Neck Bolts

|                   |                                                                                                     |               |
|-------------------|-----------------------------------------------------------------------------------------------------|---------------|
| STANDARD          | DIN605                                                                                              | ASME B18.9    |
| DIAMETER          | M10-M22                                                                                             | 5/16"-1"      |
| LENGTH            | 25-120mm                                                                                            | 1 1/4"-4 1/2" |
| THREAD FORM       | Coarse Thread/Fine Thread                                                                           |               |
| HEAD TYPE         | Flat Countersunk Head                                                                               |               |
| SURFACE TREATMENT | Plain/Black/ Zinc Plate/ Yellow Zinc Plate/<br>Mechanical Galvaizing/ Hot Dip Galvanizing/ Dacromet |               |
| MATERIAL          | Steel/Stainless Steel/ Copper Alloy/<br>Aluminium Alloy/Titanium Alloy/<br>Special Alloy/Nonmetal   |               |
| GRADE             | 3.6/4.6/4.8/5.6<br>5.8/6.8/8.8/9.8<br>10.9/12.9                                                     | 2/5/8         |



### U Bolt

|                   |                                                    |                  |
|-------------------|----------------------------------------------------|------------------|
| DIAMETER          | 6.0-36mm                                           | 1/4"-1-1/2"      |
| LENGTH            | 40-400mm                                           | 1 1/4"-21 11/16" |
| THREAD FORM       | Coarse Thread/Fine Thread                          |                  |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plated/Hot Dip Galvanizing |                  |
| MATERIAL          | Carbon Steel/ Stainless Steel                      |                  |





## 9. Nut

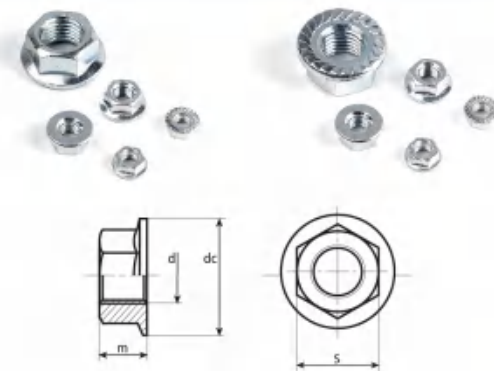
### Hex Nut

|                   |                                                                                                             |              |
|-------------------|-------------------------------------------------------------------------------------------------------------|--------------|
| STANDARD          | DIN934                                                                                                      | ASME B18.2.2 |
| DIAMETER          | M3-M160                                                                                                     | 1/4"-4"      |
| GRADE             | 4 / 5 / 6 / 8 / 9 / 10 / 12                                                                                 | 2 / 5 / 8    |
| THREAD FORM       | Coarse Thread/Fine Thread                                                                                   |              |
| SURFACE TREATMENT | Phosphated/Black/Zinc Plated/Yellow Zinc Plated/Plain/<br>Hot Dip Galvaizing/Mechanical Galvaizing/Dacromet |              |
| MATERIAL          | Carbon Steel/Stainless Steel/Copper Alloy/<br>Aluminium Alloy/Titanium Alloy/<br>Special Alloy/Non-metal    |              |



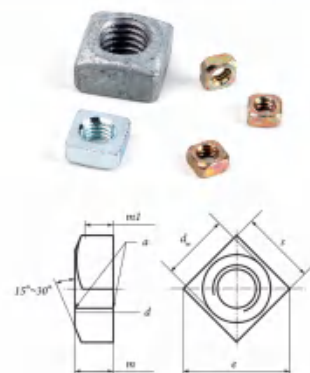
### Hex Flange Nut

|                   |                                                                                                             |               |
|-------------------|-------------------------------------------------------------------------------------------------------------|---------------|
| STANDARD          | DIN6923                                                                                                     | ASME B18.16.4 |
| DIAMETER          | M5-M20                                                                                                      | NO.6-3/4"     |
| GRADE             | 4 / 5 / 6 / 8 / 9 / 10 / 12                                                                                 | 2 / 5 / 8     |
| THREAD FORM       | Coarse Thread/Fine Thread                                                                                   |               |
| SURFACE TREATMENT | Phosphated/Black/Zinc Plated/Yellow Zinc Plated/Plain/<br>Hot Dip Galvaizing/Mechanical Galvaizing/Dacromet |               |
| MATERIAL          | Carbon Steel/Stainless Steel/Copper Alloy/<br>Aluminium Alloy/Titanium Alloy/<br>Special Alloy/Non-metal    |               |



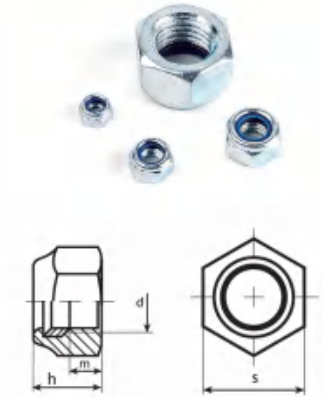
### Square Nut

|                   |                                                                                                             |              |
|-------------------|-------------------------------------------------------------------------------------------------------------|--------------|
| STANDARD          | DIN557                                                                                                      | ASME B18.2.2 |
| DIAMETER          | M5-M20                                                                                                      | 1/4"-1 1/2"  |
| GRADE             | 4 / 5 / 6 / 8 / 9 / 10 / 12                                                                                 | 2 / 5 / 8    |
| THREAD FORM       | Coarse Thread/Fine Thread                                                                                   |              |
| SURFACE TREATMENT | Phosphated/Black/Zinc Plated/Yellow Zinc Plated/Plain/<br>Hot Dip Galvaizing/Mechanical Galvaizing/Dacromet |              |
| MATERIAL          | Carbon Steel/Stainless Steel/Copper Alloy/<br>Aluminium Alloy/Titanium Alloy/<br>Special Alloy/Non-metal    |              |



### Hex Nylon Insert Lock Nut

|                   |                                                                                                          |                              |               |
|-------------------|----------------------------------------------------------------------------------------------------------|------------------------------|---------------|
| STANDARD          | DIN985                                                                                                   | DIN982                       | ASME B18.16.6 |
| DIAMETER          | M3-M48                                                                                                   | M3-M48                       | 1/4"-1 1/2"   |
| GRADE             | 4 / 5 / 6 / 8<br>9 / 10 / 12                                                                             | 4 / 5 / 6 / 8<br>9 / 10 / 12 | 2 / 5 / 8     |
| THREAD FORM       | Coarse Thread/Fine Thread                                                                                |                              |               |
| SURFACE TREATMENT | Zinc Plate/Yellow Zinc Plate/Plain                                                                       |                              |               |
| MATERIAL          | Carbon Steel/Stainless Steel/Copper Alloy/<br>Aluminium Alloy/Titanium Alloy/<br>Special Alloy/Non-metal |                              |               |
| Nylon Color       | Blue/White/Red                                                                                           |                              |               |



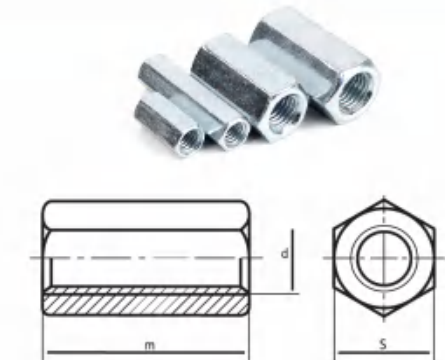
### Wing Nut

|                   |                                                                                                          |
|-------------------|----------------------------------------------------------------------------------------------------------|
| STANDARD          | DIN315                                                                                                   |
| DIAMETER          | M4-M24                                                                                                   |
| GRADE             | 4.8                                                                                                      |
| THREAD FORM       | Coarse Thread/Fine Thread                                                                                |
| SURFACE TREATMENT | Phosphated/Black/Zinc Plated/<br>Yellow Zinc Plated/Plain                                                |
| MATERIAL          | Carbon Steel/Stainless Steel/Copper Alloy/<br>Aluminium Alloy/Titanium Alloy/<br>Special Alloy/Non-metal |



### Hex Coupling Nut

|                   |                                                                                                          |                 |
|-------------------|----------------------------------------------------------------------------------------------------------|-----------------|
| STANDARD          | DIN6334                                                                                                  | ASME B18.2.2-13 |
| DIAMETER          | M6-M36                                                                                                   | 1/4"-1 1/2"     |
| GRADE             | 4 / 6 / 8                                                                                                | 2 / 5           |
| THREAD FORM       | Coarse Thread/Fine Thread                                                                                |                 |
| SURFACE TREATMENT | Phosphated/Black/Zinc Plated/<br>Yellow Zinc Plated/Plain                                                |                 |
| MATERIAL          | Carbon Steel/Stainless Steel/Copper Alloy/<br>Aluminium Alloy/Titanium Alloy/<br>Special Alloy/Non-metal |                 |



## 9. Nut

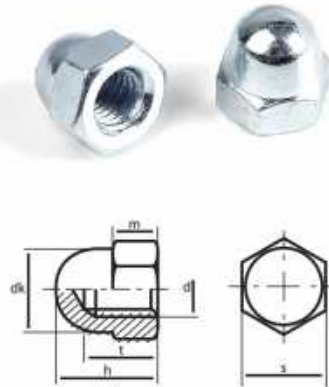
### 2H Heavy Hex Nut

|                   |                                                                                                          |
|-------------------|----------------------------------------------------------------------------------------------------------|
| STANDARD          | ASME B18.2.2                                                                                             |
| DIAMETER          | 1/4"-4"                                                                                                  |
| THREAD FORM       | Coarse Thread/Fine Thread                                                                                |
| SURFACE TREATMENT | Phosphated/Black/Zinc Plated/<br>Yellow Zinc Plated/Plain                                                |
| MATERIAL          | Carbon Steel/Stainless Steel/Copper Alloy/<br>Aluminium Alloy/Titanium Alloy/Special Alloy/<br>Non-metal |



### Hex Dome Cap Nut

|                   |                                                                                                          |
|-------------------|----------------------------------------------------------------------------------------------------------|
| STANDARD          | DIN1587                                                                                                  |
| DIAMETER          | M4-M10                                                                                                   |
| GRADE             | 4 / 8                                                                                                    |
| THREAD FORM       | Coarse Thread/Fine Thread                                                                                |
| SURFACE TREATMENT | Phosphated/Black/Zinc Plated/<br>Yellow Zinc Plated/Plain                                                |
| MATERIAL          | Carbon Steel/Stainless Steel/Copper Alloy/<br>Aluminium Alloy/Titanium Alloy/Special Alloy/<br>Non-metal |



### Tee Nut

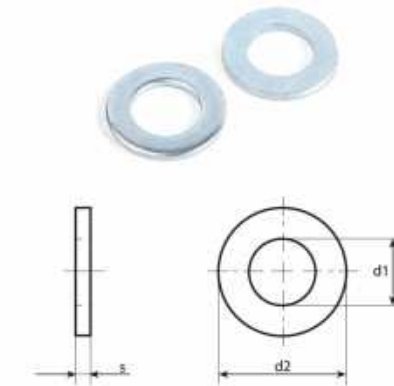
|                   |                                                                                                          |
|-------------------|----------------------------------------------------------------------------------------------------------|
| STANDARD          | DIN1624                                                                                                  |
| DIAMETER          | M4/M5/M6/M8/M10                                                                                          |
| THREAD FORM       | Coarse Thread/Fine Thread                                                                                |
| SURFACE TREATMENT | Phosphated/Black/Zinc Plated/<br>Yellow Zinc Plated/Plain                                                |
| MATERIAL          | Carbon Steel/Stainless Steel/Copper Alloy/<br>Aluminium Alloy/Titanium Alloy/Special Alloy/<br>Non-metal |



## 10. Washer

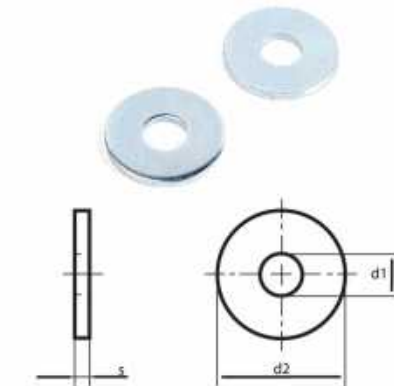
### Flat Washer

|                   |                                                                                |              |
|-------------------|--------------------------------------------------------------------------------|--------------|
| STANDARD          | GB/T 97.1, ISO 7089,<br>DIN 125(A), UNI 6592                                   | SAE YJT 6001 |
| DIAMETER          | Φ2.5-Φ36                                                                       | 6#-1-1/2"    |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plate/<br>Hot Dip Galvanized and Mechanical Galvanized |              |
| MATERIAL          | Carbon Steel/Stainless Steel                                                   |              |
| GRADE             | 250HV                                                                          |              |



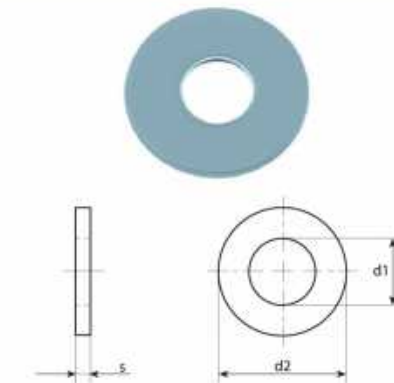
### Large Plain Washer

|                   |                                                                              |         |
|-------------------|------------------------------------------------------------------------------|---------|
| STANDARD          | ISO 7093<br>DIN 9021<br>NEN 2276<br>NF E25-513                               | USS     |
| DIAMETER          | Φ2.5-Φ36                                                                     | 3/16-3" |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plate/<br>Hot Dip Galvanized / Mechanical Galvanized |         |
| MATERIAL          | Carbon Steel/Stainless Steel                                                 |         |



### Washers For Clamping Device

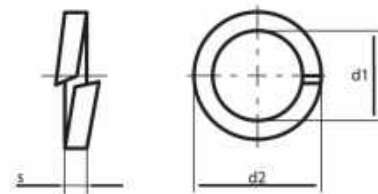
|                   |                                                  |
|-------------------|--------------------------------------------------|
| STANDARD          | DIN 6340                                         |
| DIAMETER          | M6-M30                                           |
| SURFACE TREATMENT | A2K / Phosphate/ZFISH/Dacromet / Mechanical Zinc |
| MATERIAL          | 45#                                              |



## 10. Washer

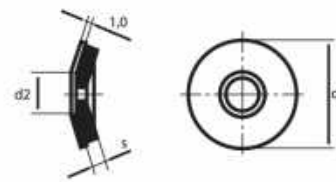
### Spring Lock Washer

|                   |                                                                                |          |                        |
|-------------------|--------------------------------------------------------------------------------|----------|------------------------|
| STANDARD          | DIN 127 B<br>NEN 1197 B<br>NF E25-515                                          | DIN 7980 | ANSI/ASME B<br>18.21.1 |
| DIAMETER          | Φ2.5-Φ36                                                                       | Φ2.5-Φ36 | 2#-3"                  |
| SURFACE TREATMENT | Zinc Plated/Yellow Zinc Plate/<br>Hot Dip Galvanized and Mechanical Galvanized |          |                        |
| MATERIAL          | Carbon Steel/ Stainless Steel                                                  |          |                        |



### Bonded Sealing Washer

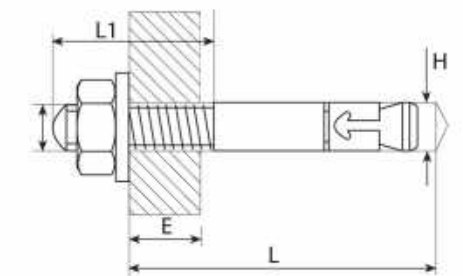
|                   |                   |
|-------------------|-------------------|
| DIAMETER          | 6#-1/2"           |
| SURFACE TREATMENT | Zinc Plated       |
| MATERIAL          | Carbon Steel+EPDM |



## 11. Anchor

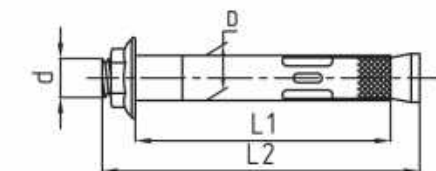
### Wedge Anchor

|                   |                                                  |
|-------------------|--------------------------------------------------|
| DIAMETER          | M6-M24                                           |
| LENGTH            | 40-300mm                                         |
| SURFACE TREATMENT | Zinc Plated/Dichromate Plated/Yellow Zinc Plated |
| MATERIAL          | Carbon Steel/Stainless Steel                     |
| GRADE             | 4.8 / 6.8 / 8.8                                  |



### Sleeve Anchor

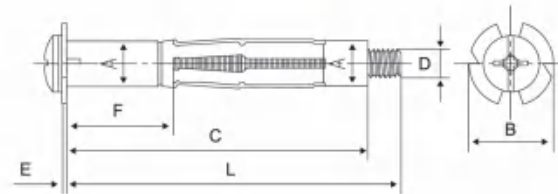
|                   |                                                  |
|-------------------|--------------------------------------------------|
| DIAMETER          | M5-M16                                           |
| LENGTH            | 40-300mm                                         |
| SURFACE TREATMENT | Zinc Plated/Dichromate Plated/Yellow Zinc Plated |
| MATERIAL          | Carbon Steel/Stainless Steel                     |
| GRADE             | 4.8 / 6.8 / 8.8                                  |



## 11. Anchor

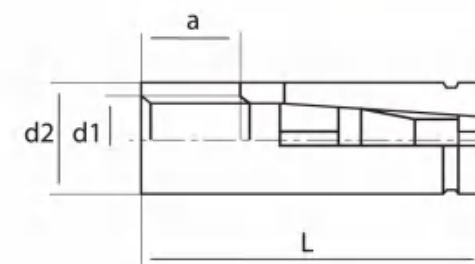
### Hollow Wall Anchor

|                   |                                                  |
|-------------------|--------------------------------------------------|
| DIAMETER          | M4-M6                                            |
| LENGTH            | 32-52mm                                          |
| SURFACE TREATMENT | Zinc Plated/Dichromate Plated/Yellow Zinc Plated |
| MATERIAL          | Carbon Steel/Stainless Steel                     |
| GRADE             | 4.8 / 6.8 / 8.8                                  |



### Drop In Anchor

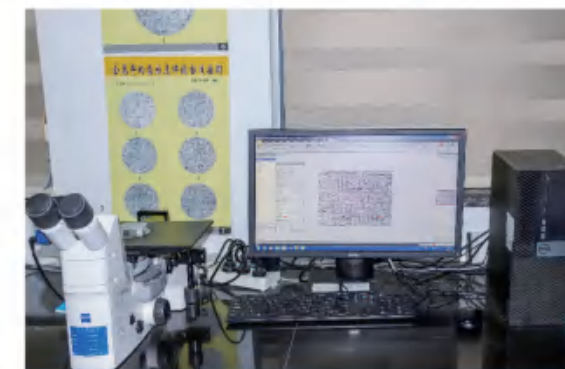
|                   |                                                  |
|-------------------|--------------------------------------------------|
| DIAMETER          | M6-M20                                           |
| LENGTH            | 25-80mm                                          |
| SURFACE TREATMENT | Zinc Plated/Dichromate Plated/Yellow Zinc Plated |
| MATERIAL          | Carbon Steel/Stainless Steel                     |
| GRADE             | 4.8 / 6.8 / 8.8                                  |



## 12. Quality Control

Quality control is treated as an important portion of ZDI daily work. Here in ZDI, we have an independent division, which operates based on specific standards and devotes to meeting clients' requirements. In addition, we also have a good relationship with China National Center for Quality Test of Standard Parts(Zhejiang).

Please find below the tests that we provide:



Metallographic Tester

Automatic digital display  
Rockwell hard Tester

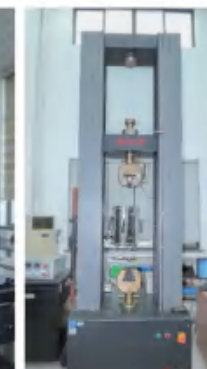
Vickers hardness Tester



Drilling Tester



Vision measuring Tester



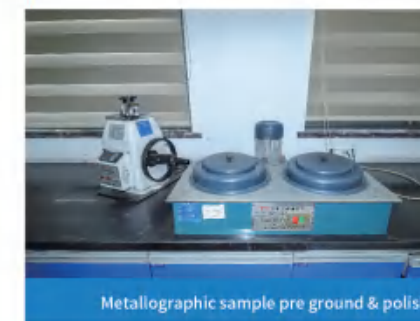
Tensile Tester



Charpy Pendulum Impact Tester



Neutral Salt Spray Tester



Metallographic sample pre ground &amp; polish



Cutting Mashine



Direct Reading Spectrometer

## 13. Package

