



## INCHES RANGE



**EXPERT MANUFACTURERS**  
**WE CREATE, WE BELIEVE**





**EXPERT FIXING MANUFACTURERS**



## THE BEST ANCHOR MANUFACTURER IN ASIA



**+20**  
years of experience  
with pride



**+90**  
service  
countries



**+22,000**  
m<sup>2</sup> factory



**+200**





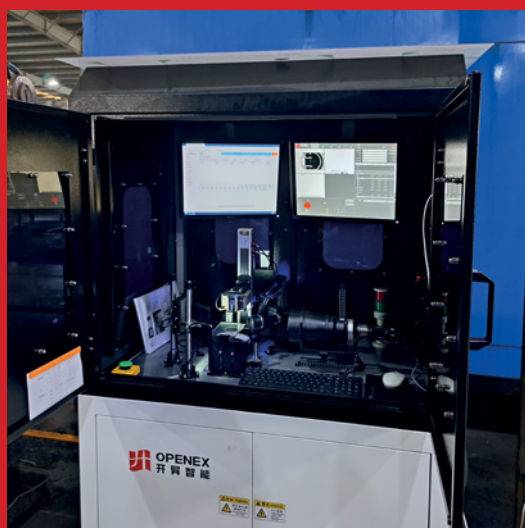
# LONDEX

## EXPERT FIXING MANUFACTURERS

At **Ningbo LondeX Industrial Co., Ltd.**, we stand out as a global leader in the manufacture of anchors & fastener distributors and service center for wire & strip in the world.

We are committed to meticulously taking care of every stage of the production process to ensure not only the highest quality of our products, but also exceptional service. Strategically located in Cixi City, Zhejiang Province, China, we are perfectly positioned to serve customers worldwide with efficiency and speed.

**WE CREATE, WE BELIEVE IT**



## 100% INTEGRATED PRODUCTION

At Londex, we are expert manufacturers offering a wide range of more than 40 types of anchors and fastening systems. Our facilities are equipped with state-of-the-art machinery, including automated stamping, cold forming, nylon and zamak injection and threading equipment, which allows us to fully control every step of the production process. This absolute control guarantees:

- **Maximum quality** of our products.
- **Optimum service** for our customers.
- **100% customised production** of materials, designs and coatings.

We are proud of our **commitment to excellence** and we will continue to innovate and perfect our processes because we firmly believe in what we do.

## CERTIFIED QUALITY, ASSURED CONFIDENCE

At Londex, quality is our identity and commitment to each customer.

### Certified Excellence

Supported by ISO 9001, ISO 14001 and ISO 45001 certifications, we focus on guaranteeing **maximum reliability and performance in each process**, all of which are subjected to rigorous controls that ensure compliance with the highest standards.

### Trusted Quality

This allows us to offer **certified products with globally recognised approvals**, thus sealing an alliance of trust with our customers and reaffirming our commitment to continuous improvement and the satisfaction of their needs.



## ASSESSMENT

In order to offer our customers the best quality we invest each year more and more in certifying our products. **Theses assessment are granted by prestigious institutions that guarantee that the products comply with the requirements of quality and technical suitability.** Endorsed by the **ISO 9001:2015** certification, we maintain our commitment to quality with our customers. Additionally, our certifications and approvals come from the most important official bodies and most prestigious institutions worldwide.

### WE HAVE THE FOLLOWING APPROVALS FOR OUR PRODUCTS:



## OUR SERVICES

### FLEXIBLE PRODUCTION

We adapt to your needs, offering you products with specific materials, customised designs, special coatings or made-to-measure products.

### CUSTOMIZED PACKAGING&LABELLING

We offer a complete customised packaging and labelling service, adapting to the needs of each client to create products that not only make a difference, but also reflect your identity and care for your brand.

### GLOBAL SERVICE

We facilitate your operations by offering you an international service. With optimised logistics management and efficient shipping, we ensure that products arrive at any destination on time and in perfect condition.

### DIGITAL SERVICES

We help you incorporate technology into your processes to free up your time, mitigate risks and make the most of the information available. Turn technology into an ally of your business.

# LONDEX

## EXPERT FIXING

## MANUFACTURERS

### ICON GUIDE

#### COATINGS



Galvanized



Blue galvanized



Atlantis



Zinc plated



Black Zinc  
plated



Yellow Zinc  
plated

#### MATERIALS



Stainless  
steel A2



Stainless  
steel A4



Zamak



Nylon



Brass



Polypropylene



Steel

#### USE MATERIALS



Hollow brick



Solid brick



Hollow  
core slabs



Stone



Hollow  
concrete



Concrete



Reinforced  
concrete



Cracked  
concrete



Aerated  
concrete



Drywall



Plaster



PVC pipe



Cooper pipe



Steel pipe

#### LOADS



Light  
loads



Medium  
loads



Heavy  
loads



Extra-heavy  
loads

## LONDEX COATINGS

**ZINC-PLATED:** is a zinc coating of 5 micron thickness, applied by an electrochemical system. The zinc protects the base material (steel) acting as a barrier against external oxidizing agents (oxygen), in addition to being the material sacrificed. Its metallic colours depend on the passivate applied – matt, shiny or bluish. It is an economical coating, suitable for protecting elements in dry interior atmospheres.

**ZINC PLATED YELLOW PASIVATED:** is zinc coating on which a chromium based passivate has been applied. Its colour ranges from light yellow to iridescent. Its protection against corrosion is more than twice that of zinc coatings with a similar cost. It may be applied with chrome III or chrome VI. Chrome VI passivates are not authorized in Europe. It is recommended for use in interior environments.

**HOT DIP GALVANISED:** is applied by immersion of the products in a molten zinc bath, which remains adhered to the surface of the product. It is metallic matt in colour, with typical thicknesses between 40 and 100 microns. The use of this coating is not advised for smaller sizes (M6 to M10) or for expansion anchors. Good resistance to corrosion. It is recommended for use in exterior environments, with a limited life-span.

**SENDZIMIR GALVANIZED:** is galvanized by continuous immersion of the steel strip in a molten zinc bath. Its characteristics are similar to those of hot dip galvanized products, but it offers a finish with less thickness but more uniform; therefore it is less resistant to corrosion. Typical thicknesses are between 10 and 40 microns. It is applied to strips for the later manufacture of components. It is recommended for use in exterior environments, with a limited life-span.

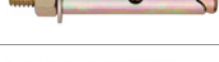
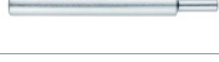
**ATLANTIS:** is a finish which is applied to a previously zinc-plated surface, on which an organic layer of around 15 microns in thickness is applied. It is recommended for use in exterior environments, with a limited life-span.

**A2 STAINLESS STEEL:** is steel with chromium (18%) and nickel (10%) alloy. The surface layer rusts in the presence of oxygen, protecting the nucleus of the base material. This material is suitable for use in exteriors in environments where there is no great aggressiveness (rural or urban environments with low contamination).

**A4 STAINLESS STEEL:** is a stainless steel to which molybdenum (2%) is added, in addition to chromium and nickel, which increases its resistance to corrosion against saline environments. Suitable for use in exteriors in urban or industrial environments with high levels of contamination, or in marine environments (seafronts, ports, etc.). It must be protected from high chlorine content (indoor swimming pools, etc.).



## INCHES. RANGE

|                                                                                     |                                                                                     |                                                                                                                                                                                                                                                       |    |                                                               |                                                                                      |                                                                                       |    |
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| Inches. Blu tape concrete screw, hi-lo thread. Hexagonal head                       |  |                                                                                                                                                                                                                                                       | 17 | A4 Stainless steel. Hexagonal head. TX recess. ETA Assessed   |  |  | 73 |
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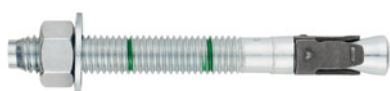
## Through bolt anchor for heavy loads in cracked & uncracked concrete

### Inches. ICC Assessed. 304 stainless steel shaft and clip



| SIZE          | UNIT BOX | UNIT MASTER BOX | HOLE DEPTH MIN. "F" | TORQUE (NM) | MIN. SUBSTRATE THICKNESS "hmin" | MAX. FIXTURE THICKNESS "tfix" | TENSION LOAD NON-CRACKED CONCRETE | TENSION LOAD CRACKED CONCRETE |
|---------------|----------|-----------------|---------------------|-------------|---------------------------------|-------------------------------|-----------------------------------|-------------------------------|
| 1/4" x 2-1/4" | 200      | -               | 2"                  | 5           | 4"                              | 0,19"                         | 548                               | -                             |
| 3/8" x 3"     | 100      | -               | 2-5/8"              | 20          | 4"                              | 0,18"                         | 1,449                             | 1,037                         |
| 3/8" x 3-3/4" | 100      | -               | 2-5/8"              | 20          | 4"                              | 0,93"                         | 1,449                             | 1,037                         |
| 3/8" x 5"     | 50       | -               | 2-5/8"              | 20          | 4"                              | 2,18"                         | 1,449                             | 1,037                         |
| 1/2" x 2-3/4" | 50       | -               | 2"                  | 45          | 4"                              | 0,25"                         | 968                               | -                             |
| 1/2" x 4-1/4" | 50       | -               | 2-5/8"              | 45          | 4"                              | 1,25"                         | 1,491                             | 930                           |
| 1/2" x 4-1/2" | 50       | -               | 4"                  | 45          | 6"                              | 0,24"                         | 2,748                             | 2,187                         |
| 1/2" x 5-1/2" | 50       | -               | 4"                  | 45          | 6"                              | 1,24"                         | 2,748                             | 2,187                         |
| 5/8" x 4-1/2" | 25       | -               | 3-1/2"              | 80          | 5-1/2"                          | 0,49"                         | 2,403                             | 1,702                         |
| 5/8" x 5"     | 25       | -               | 3-1/2"              | 80          | 5-1/2"                          | 0,99"                         | 2,403                             | 1,702                         |
| 5/8" x 6"     | 25       | -               | 4-3/4"              | 80          | 6-1/2"                          | 0,73"                         | 4,216                             | 2,986                         |
| 5/8" x 7"     | 25       | -               | 4-3/4"              | 80          | 6-1/2"                          | 1,73"                         | 4,216                             | 2,986                         |
| 3/4" x 4-3/4" | 20       | -               | 4"                  | 150         | 6"                              | 0,1"                          | 3,088                             | 2,702                         |
| 3/4" x 5-1/2" | 20       | -               | 4"                  | 150         | 6"                              | 0,85"                         | 3,088                             | 2,702                         |
| 3/4" x 7"     | 20       | -               | 5-3/4"              | 150         | 8"                              | 0,83"                         | 5,456                             | 3,865                         |
| 3/4" x 8-1/2" | 20       | -               | 5-3/4"              | 150         | 8"                              | 2,33"                         | 5,456                             | 3,865                         |

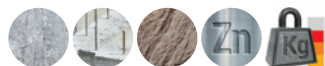
### Inches. ICC Assessed. Zinc-plated shaft. Clip ATLANTIS C3-L



| SIZE          | UNIT BOX | UNIT MASTER BOX | HOLE DEPTH MIN. "F" | TORQUE (NM) | MIN. SUBSTRATE THICKNESS "hmin" | MAX. FIXTURE THICKNESS "tfix" | TENSION LOAD NON-CRACKED CONCRETE | TENSION LOAD CRACKED CONCRETE |
|---------------|----------|-----------------|---------------------|-------------|---------------------------------|-------------------------------|-----------------------------------|-------------------------------|
| 3/8" x 3"     | 100      | 400             | 2-5/8"              | 30          | 4"                              | 0,18"                         | 1,460                             | 950                           |
| 3/8" x 3-3/4" | 100      | 400             | 2-5/8"              | 30          | 4"                              | 0,93"                         | 1,460                             | 950                           |
| 3/8" x 5"     | 50       | 200             | 2-5/8"              | 30          | 4"                              | 2,18"                         | 1,460                             | 950                           |
| 1/2" x 3-3/4" | 50       | 200             | 2-1/4"              | 45          | 4"                              | 0,25"                         | 1,491                             | 1,056                         |
| 1/2" x 4-1/2" | 50       | 200             | 4"                  | 45          | 6"                              | 0,24"                         | 2,513                             | 1,867                         |
| 1/2" x 5-1/2" | 50       | 100             | 4"                  | 45          | 6"                              | 1,24"                         | 2,513                             | 1,867                         |
| 1/2" x 7"     | 50       | 100             | 4"                  | 45          | 6"                              | 2,74"                         | 2,513                             | 1,867                         |
| 5/8" x 4-1/2" | 25       | 100             | 3-1/2"              | 75          | 5-1/2"                          | 0,49"                         | 2,403                             | 2,103                         |
| 5/8" x 6"     | 25       | 50              | 4-3/4"              | 75          | 6-1/2"                          | 0,73"                         | 4,216                             | 2,986                         |
| 5/8" x 8-1/2" | 25       | 50              | 4-3/4"              | 75          | 6-1/2"                          | 3,23"                         | 4,216                             | 2,986                         |
| 3/4" x 6-1/4" | 20       | 40              | 5-3/4"              | 150         | 8"                              | 0,08"                         | 5,456                             | 4,774                         |
| 3/4" x 7"     | 20       | 40              | 5-3/4"              | 150         | 8"                              | 0,83"                         | 5,456                             | 4,774                         |
| 3/4" x 8-1/2" | 20       | 40              | 5-3/4"              | 150         | 8"                              | 2,33"                         | 5,456                             | 4,774                         |

## Through bolt anchor for heavy loads in cracked & uncracked concrete

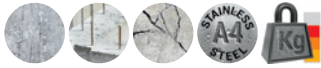
**Inches.**  
**Zinc-plated shaft.**  
**Zinc-plated clip**



| SIZE           | UNIT BOX | UNIT MASTER BOX | HOLE DEPTH MIN. "F" | TORQUE (NM) | MIN. SUBSTRATE THICKNESS "hmin" | MAX. FIXTURE THICKNESS "tfix" | TENSION LOAD NON-CRACKED CONCRETE |
|----------------|----------|-----------------|---------------------|-------------|---------------------------------|-------------------------------|-----------------------------------|
| 1/4" x 1-3/4"  | 200      | 1,200           | 1 1/2"              | 5           | 2"                              | 0,2"                          | 144                               |
| 1/4" x 2-1/4"  | 200      | 1,200           | 2"                  | 5           | 4"                              | 0,2"                          | 263                               |
| 1/4" x 3"      | 200      | 1,200           | 2"                  | 5           | 4"                              | 0,9"                          | 263                               |
| 1/4" x 3-1/4"  | 200      | 800             | 2"                  | 5           | 4"                              | 1,2"                          | 263                               |
| 5/16" x 2"     | 100      | 800             | 1 13/16"            | 14          | 2 1/8"                          | 0,23"                         | 206                               |
| 5/16" x 2-3/4" | 100      | 600             | 2 1/2"              | 14          | 4"                              | 0,3"                          | 443                               |
| 5/16" x 3-1/2" | 100      | 600             | 2 1/2"              | 14          | 4"                              | 1,1"                          | 443                               |
| 5/16" x 5"     | 100      | 400             | 2 1/2"              | 14          | 4"                              | 2,5"                          | 443                               |
| 3/8" x 2-1/4"  | 100      | 600             | 2"                  | 27          | 2 1/2"                          | 0,71"                         | 242                               |
| 3/8" x 2-3/4"  | 100      | 600             | 2"                  | 27          | 2 1/2"                          | 1,21"                         | 242                               |
| 3/8" x 3"      | 100      | 400             | 2 3/4"              | 27          | 4"                              | 0,3"                          | 494                               |
| 3/8" x 3-1/2"  | 100      | 400             | 2 3/4"              | 27          | 4"                              | 0,8"                          | 494                               |
| 3/8" x 3-3/4"  | 100      | 400             | 2 3/4"              | 27          | 4"                              | 0,9"                          | 494                               |
| 3/8" x 5"      | 50       | 200             | 2 3/4"              | 27          | 4"                              | 2,2"                          | 494                               |
| 1/2" x 2-3/4"  | 50       | 200             | 2 1/4"              | 54          | 3"                              | 0,27"                         | 479                               |
| 1/2" x 3"      | 50       | 200             | 2 1/4"              | 54          | 3"                              | 1,02"                         | 479                               |
| 1/2" x 3-1/2"  | 50       | 200             | 2 1/4"              | 54          | 3"                              | 1,52"                         | 479                               |
| 1/2" x 3-3/4"  | 50       | 200             | 3 1/4"              | 54          | 5"                              | 0,3"                          | 1,019                             |
| 1/2" x 4-1/4"  | 50       | 200             | 3 1/4"              | 54          | 5"                              | 0,8"                          | 1,019                             |
| 1/2" x 4-1/2"  | 50       | 200             | 3 1/4"              | 54          | 5"                              | 1,1"                          | 1,019                             |
| 1/2" x 5-1/2"  | 50       | 100             | 3 1/4"              | 54          | 5"                              | 2,1"                          | 1,019                             |
| 1/2" x 7"      | 50       | 100             | 3 1/4"              | 54          | 5"                              | 3,5"                          | 1,019                             |
| 1/2" x 10"     | 25       | 50              | 3 1/4"              | 54          | 5"                              | 6,5"                          | 1,019                             |
| 5/8" x 3-1/2"  | 25       | 150             | 2 7/8"              | 108         | 3 1/2"                          | 0,45"                         | 552                               |
| 5/8" x 4-1/2"  | 25       | 100             | 4 1/8"              | 108         | 6"                              | 0,2"                          | 1,234                             |
| 5/8" x 5"      | 25       | 100             | 4 1/8"              | 108         | 6"                              | 0,7"                          | 1,234                             |
| 5/8" x 8-1/2"  | 25       | 50              | 4 1/8"              | 108         | 6"                              | 4,2"                          | 1,234                             |
| 5/8" x 6"      | 25       | 50              | 4 1/8"              | 108         | 6"                              | 1,7"                          | 1,234                             |
| 5/8" x 7"      | 25       | 75              | 4 1/8"              | 108         | 6"                              | 2,7"                          | 1,234                             |
| 5/8" x 10"     | 25       | 50              | 4 1/8"              | 108         | 6"                              | 5,7"                          | 1,234                             |
| 3/4" x 4-1/4"  | 20       | 80              | 3 1/2"              | 149         | 4 1/2"                          | 0,54"                         | 881                               |
| 3/4" x 4-3/4"  | 20       | 40              | 3 1/2"              | 149         | 4 1/2"                          | 1,04"                         | 881                               |
| 3/4" x 5-1/2"  | 20       | 40              | 4 3/4"              | 149         | 7"                              | 0,5"                          | 1,712                             |
| 3/4" x 6-1/4"  | 20       | 40              | 4 3/4"              | 149         | 7"                              | 1,3"                          | 1,712                             |
| 3/4" x 7"      | 20       | 40              | 4 3/4"              | 149         | 7"                              | 2,1"                          | 1,712                             |
| 3/4" x 8-1/2"  | 20       | 40              | 4 3/4"              | 149         | 7"                              | 3,5"                          | 1,712                             |
| 3/4" x 10"     | 20       | 40              | 4 3/4"              | 149         | 7"                              | 5,1"                          | 1,712                             |
| 1" x 6"        | 10       | 40              | 5 1/4"              | 250         | 6 1/2"                          | 0,51"                         | 1,497                             |
| 1" x 9"        | 10       | 20              | 6 1/2"              | 250         | 9"                              | 2,2"                          | 2,463                             |
| 1" x 12"       | 10       | 20              | 6 1/2"              | 250         | 9"                              | 5,2"                          | 2,463                             |
| 5/16" x 2"     | 100      | 800             | 1 13/16"            | 14          | 2 1/8"                          | 0,23"                         | 206                               |
| 5/16" x 2-3/4" | 100      | 600             | 2 1/2"              | 14          | 4"                              | 0,3"                          | 443                               |
| 5/16" x 3-1/2" | 100      | 600             | 2 1/2"              | 14          | 4"                              | 1,1"                          | 443                               |
| 5/16" x 5"     | 100      | 400             | 2 1/2"              | 14          | 4"                              | 2,5"                          | 443                               |

## Bimetal concrete screw anchor (stainless steel A4 body and hardened carbon steel point)

**Inches.**  
**ICC Assessed.**  
**Hexagon head**



| SIZE            | UNIT BOX | UNIT MASTER BOX | HOLE DEPTH MIN. "F" | TORQUE (NM) | MIN. SUBSTRATE THICKNESS "hmin" | MAX. FIXTURE THICKNESS "tfix" |
|-----------------|----------|-----------------|---------------------|-------------|---------------------------------|-------------------------------|
| • 1/4" x 1-3/4" | 100      | 800             | -                   | -           | -                               | -                             |
| • 1/4" x 2"     | 100      | 800             | 2-3/8"              | 10          | 3-1/4"                          | -                             |
| 1/4" x 3"       | 100      | 600             | 2-3/8"              | 10          | 3-1/4"                          | 1"                            |
| 1/4" x 4"       | 50       | 600             | 2-3/8"              | 10          | 3-1/4"                          | 2"                            |
| • 3/8" x 1-3/4" | 50       | 400             | -                   | -           | -                               | -                             |
| • 3/8" x 2-1/2" | 50       | 400             | -                   | -           | -                               | -                             |
| 3/8" x 3"       | 50       | 300             | 3"                  | 35          | 4"                              | 1/4"                          |
| 3/8" x 4"       | 50       | 200             | 3"                  | 35          | 4"                              | 1-1/4"                        |
| 3/8" x 5"       | 25       | 150             | 3"                  | 35          | 4"                              | 2-1/4"                        |
| 3/8" x 6"       | 25       | 150             | 3"                  | 35          | 4"                              | 3-1/4"                        |
| 1/2" x 3"       | 50       | 200             | 3-3/8"              | 35          | 4-3/4"                          | -                             |
| 1/2" x 4"       | 50       | 100             | 3-3/8"              | 35          | 4-3/4"                          | 1"                            |
| 1/2" x 5"       | 50       | 100             | 3-3/8"              | 35          | 4-3/4"                          | 2"                            |
| 1/2" x 6"       | 25       | 75              | 3-3/8"              | 35          | 4-3/4"                          | 3"                            |
| 1/2" x 8"       | 25       | 75              | 3-3/8"              | 35          | 4-3/4"                          | 5"                            |

• Non-assessed sizes

## Concrete screw anchor

**Inches.**  
**ICC Assessed.**  
**Hexagon head**



| SIZE          | UNIT BOX | UNIT MASTER BOX | TENSION LOAD NON-CRACKED CONCRETE | TENSION LOAD CRACKED CONCRETE |
|---------------|----------|-----------------|-----------------------------------|-------------------------------|
| 1/4" x 2-1/4" | 100      | 800             | 595                               | 272                           |
| 1/4" x 3"     | 100      | 600             | 595                               | 272                           |
| 1/4" x 4"     | 75       | 450             | 595                               | 272                           |
| 3/8" x 1-3/4" | 50       | 400             | -                                 | -                             |
| 3/8" x 2-1/2" | 50       | 400             | -                                 | -                             |
| 3/8" x 3"     | 50       | 400             | 1,492                             | 939                           |
| 3/8" x 4"     | 50       | 200             | 1,492                             | 939                           |
| 3/8" x 5"     | 25       | 150             | 1,492                             | 939                           |
| 3/8" x 6"     | 25       | 150             | 1,492                             | 939                           |
| 1/2" x 2-1/2" | 50       | 200             | -                                 | -                             |
| 1/2" x 3"     | 50       | 200             | -                                 | -                             |
| 1/2" x 4"     | 50       | 100             | 1,948                             | 1,416                         |
| 1/2" x 5"     | 50       | 100             | 1,948                             | 1,416                         |
| 1/2" x 6"     | 25       | 75              | 1,948                             | 1,416                         |
| 1/2" x 6-1/2" | 25       | 75              | 1,948                             | 1,416                         |
| 1/2" x 8"     | 25       | 75              | 1,948                             | 1,416                         |
| 5/8" x 3"     | 25       | 100             | -                                 | -                             |
| 5/8" x 4"     | 25       | 100             | 1,911                             | 1,353                         |
| 5/8" x 5"     | 25       | 50              | 1,911                             | 1,353                         |
| 5/8" x 6"     | 20       | 60              | 1,911                             | 1,353                         |
| 5/8" x 6-1/2" | 20       | 60              | 1,911                             | 1,353                         |
| 5/8" x 8"     | 15       | 45              | 1,911                             | 1,353                         |
| 3/4" x 4"     | 15       | 60              | -                                 | -                             |
| 3/4" x 4-1/2" | 15       | 45              | -                                 | -                             |
| 3/4" x 5"     | 15       | 45              | 2,698                             | 1,911                         |
| 3/4" x 5-1/2" | 15       | 45              | 2,698                             | 1,911                         |
| 3/4" x 6"     | 15       | 45              | 2,698                             | 1,911                         |
| 3/4" x 6-1/4" | 15       | 45              | 2,698                             | 1,911                         |
| 3/4" x 7"     | 10       | 30              | 2,698                             | 1,911                         |
| 3/4" x 8"     | 10       | 20              | 2,698                             | 1,911                         |
| 3/4" x 8-1/2" | 10       | 20              | 2,698                             | 1,911                         |
| 3/4" x 10"    | 10       | 20              | 2,698                             | 1,911                         |

## Concrete screw anchor

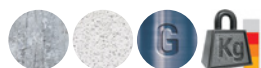
**Inches.**  
**ICC Assessed.**  
**Hexagon head**



| SIZE          | UNIT BOX | UNIT MASTER BOX | TENSION LOAD NON-CRACKED CONCRETE | TENSION LOAD CRACKED CONCRETE |
|---------------|----------|-----------------|-----------------------------------|-------------------------------|
| 1/4" x 2-1/4" | 100      | 800             | 595                               | 272                           |
| 1/4" x 3"     | 100      | 600             | 595                               | 272                           |
| 1/4" x 4"     | 75       | 450             | 595                               | 272                           |
| 3/8" x 2-1/2" | 50       | 400             | 1,245                             | 402                           |
| 3/8" x 3"     | 50       | 300             | 1,492                             | 939                           |
| 3/8" x 4"     | 50       | 200             | 1,492                             | 939                           |
| 1/2" x 4"     | 50       | 100             | 1,948                             | 1,416                         |
| 1/2" x 5"     | 50       | 100             | 1,948                             | 1,416                         |
| 1/2" x 6"     | 25       | 75              | 1,948                             | 1,416                         |
| 5/8" x 5"     | 25       | 50              | 1,911                             | 1,353                         |
| 5/8" x 6"     | 20       | 60              | 1,911                             | 1,353                         |
| 3/4" x 5-1/2" | 15       | 45              | 2,698                             | 1,911                         |
| 3/4" x 7"     | 10       | 30              | 2,698                             | 1,911                         |

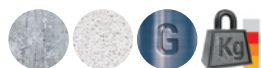
## Blu-con concrete screw, hi-lo thread

### Inches. Blue concrete screw. Flat



| SIZE           | UNIT BOX | UNIT MASTER BOX | HOLE DEPTH MIN. "F" | MIN. SUBSTRATE THICKNESS "hmin" | MAX. FIXTURE THICKNESS "tfix" | TENSION LOAD NON-CRACKED CONCRETE |
|----------------|----------|-----------------|---------------------|---------------------------------|-------------------------------|-----------------------------------|
| 3/16" X 1-1/4" | 100      | 2,400           | 1,4"                | 3 1/2"                          | 0,1"                          | 238                               |
| 3/16" X 1-3/4" | 100      | -               | 1,85"               | 3 1/2"                          | 0,5"                          | 446                               |
| 3/16" X 2-1/4" | 100      | -               | 2-1/4"              | 3 1/2"                          | 0,25"                         | 666                               |
| 3/16" X 2-3/4" | 100      | 1,600           | 2-1/4"              | 3 1/2"                          | 0,75"                         | 666                               |
| 3/16" X 3-1/4" | 100      | 1,600           | 2-1/4"              | 3 1/2"                          | 1,25"                         | 666                               |
| 3/16" X 3-3/4" | 100      | 1,600           | 2-1/4"              | 3 1/2"                          | 1,75"                         | 666                               |
| 3/16" X 4"     | 100      | 1,200           | 2-1/4"              | 3 1/2"                          | 2"                            | 666                               |
| 1/4" X 1-1/4"  | 100      | -               | 1,4"                | 3 1/2"                          | 0,1"                          | 285                               |
| 1/4" X 1-3/4"  | 100      | -               | 1,85"               | 3 1/2"                          | 0,15"                         | 582                               |
| 1/4" X 2-1/4"  | 100      | -               | 2,35"               | 3 1/2"                          | 0,15"                         | 973                               |
| 1/4" X 2-3/4"  | 100      | -               | 2,35"               | 3 1/2"                          | 0,65"                         | 973                               |
| 1/4" X 3-1/4"  | 100      | -               | 2,35"               | 3 1/2"                          | 1,15"                         | 973                               |
| 1/4" X 3-3/4"  | 100      | 1,200           | 2,35"               | 3 1/2"                          | 1,65"                         | 973                               |
| 1/4" X 4"      | 100      | -               | 2,35"               | 3 1/2"                          | 1,9"                          | 973                               |

### Inches. Blue concrete screw. Hexagonal



| SIZE           | UNIT BOX | UNIT MASTER BOX | HOLE DEPTH MIN. "F" | MIN. SUBSTRATE THICKNESS "hmin" | MAX. FIXTURE THICKNESS "tfix" | TENSION LOAD NON-CRACKED CONCRETE |
|----------------|----------|-----------------|---------------------|---------------------------------|-------------------------------|-----------------------------------|
| 3/16" X 1-1/4" | 100      | 2,400           | 1,4"                | 3 1/2"                          | 0,1"                          | 238                               |
| 3/16" X 1-3/4" | 100      | -               | 1,85"               | 3 1/2"                          | 0,5"                          | 446                               |
| 3/16" X 2-1/4" | 100      | -               | 2-1/4"              | 3 1/2"                          | 0,25"                         | 666                               |
| 3/16" X 2-3/4" | 100      | -               | 2-1/4"              | 3 1/2"                          | 0,75"                         | 666                               |
| 3/16" X 3-1/4" | 100      | 1,600           | 2-1/4"              | 3 1/2"                          | 1,25"                         | 666                               |
| 3/16" X 3-3/4" | 100      | 1,600           | 2-1/4"              | 3 1/2"                          | 1,75"                         | 666                               |
| 3/16" X 4"     | 100      | 1,200           | 2-1/4"              | 3 1/2"                          | 2"                            | 666                               |
| 1/4" X 1-1/4"  | 100      | -               | 1,4"                | 3 1/2"                          | 0,1"                          | 285                               |
| 1/4" X 1-3/4"  | 100      | -               | 1,85"               | 3 1/2"                          | 0,15"                         | 582                               |
| 1/4" X 2-1/4"  | 100      | -               | 2,35"               | 3 1/2"                          | 0,15"                         | 973                               |
| 1/4" X 2-3/4"  | 100      | -               | 2,35"               | 3 1/2"                          | 0,65"                         | 973                               |
| 1/4" X 3-1/4"  | 100      | -               | 2,35"               | 3 1/2"                          | 1,15"                         | 973                               |
| 1/4" X 3-3/4"  | 100      | -               | 2,35"               | 3 1/2"                          | 1,65"                         | 973                               |
| 1/4" X 4"      | 100      | -               | 2,35"               | 3 1/2"                          | 1,9"                          | 973                               |

## Blu tape concrete screw, hi-lo thread

### Inches. Flat head



| SIZE           | UNIT BOX | UNIT MASTER BOX |
|----------------|----------|-----------------|
| 1/4" x 1-1/4"  | 100      | 1,200           |
| 1/4" x 1-3/4"  | 100      | 1,200           |
| 1/4" x 2-1/4"  | 100      | 1,200           |
| 1/4" x 2-3/4"  | 100      | 1,200           |
| 3/16" x 1-1/4" | 100      | 2,400           |
| 3/16" x 1-3/4" | 100      | 1,200           |
| 3/16" x 2-1/4" | 100      | 1,200           |

### Inches. Hexagonal head



| SIZE           | UNIT BOX | UNIT MASTER BOX |
|----------------|----------|-----------------|
| 1/4" x 1-1/4"  | 100      | 1,200           |
| 1/4" x 1-3/4"  | 100      | 1,200           |
| 1/4" x 2-1/4"  | 100      | 1,200           |
| 1/4" x 2-3/4"  | 100      | 1,200           |
| 1/4" x 3-1/4"  | 100      | 600             |
| 3/16" x 1-1/4" | 100      | 2,400           |
| 3/16" x 1-3/4" | 100      | 1,200           |
| 3/16" x 2-1/4" | 100      | 1,200           |

## Anti-spin sleeve anchor

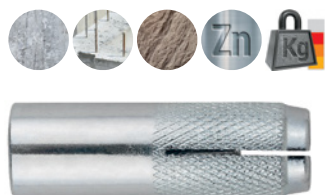
### Inches. Projecting bolt



| SIZE                | UNIT BOX | UNIT MASTER BOX |
|---------------------|----------|-----------------|
| 1/4" x 2-1/2" Ø3/8" | 150      | 900             |
| 5/16" x 3" Ø3/8"    | 100      | 600             |
| 3/8" x 3" Ø1/2"     | 50       | 300             |
| 1/2" x 3-1/2" Ø5/8" | 25       | 150             |

## Drop-in anchor with internal thread

### Inches. Zinc-plated



| SIZE | UNIT BOX | UNIT MASTER BOX |
|------|----------|-----------------|
| 1/4" | 100      | 2,000           |
| 3/8" | 50       | 1,000           |
| 1/2" | 50       | 500             |

## Manual setting tool for Drop-in anchors

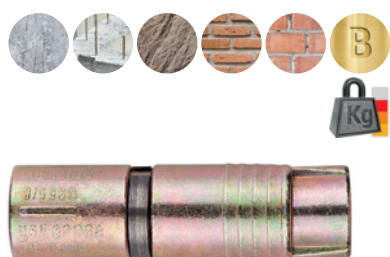
### Inches



| SIZE  | UNIT BOX | UNIT MASTER BOX |
|-------|----------|-----------------|
| 1/4"  | 1        | 70              |
| 5/16" | 1        | 100             |
| 3/8"  | 1        | 40              |
| 1/2"  | 1        | 25              |
| 5/8"  | 1        | 25              |

## Anchor for medium-heavy loads in hollow and solid elements

### Inches. Shield



| SIZE  | UNIT BOX | UNIT MASTER BOX |
|-------|----------|-----------------|
| 3/16" | 150      | 1,800           |
| 1/4"  | 100      | 1,200           |
| 5/16" | 50       | 600             |
| 3/8"  | 50       | 600             |
| 1/2"  | 20       | 240             |

## Anchor for medium-heavy loads in hollow and solid elements

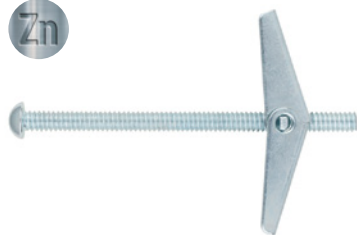
### Inches



| SIZE          | UNIT BOX | UNIT MASTER BOX |
|---------------|----------|-----------------|
| 1/4" x 1"     | 200      | 2,400           |
| 1/4" x 1-1/4" | 150      | 1,800           |
| 1/4" x 1-1/2" | 150      | 1,800           |
| 1/4" x 2"     | 100      | 1,200           |

## Anchor for medium-heavy loads in hollow and solid elements

### Inches. Projecting bolt



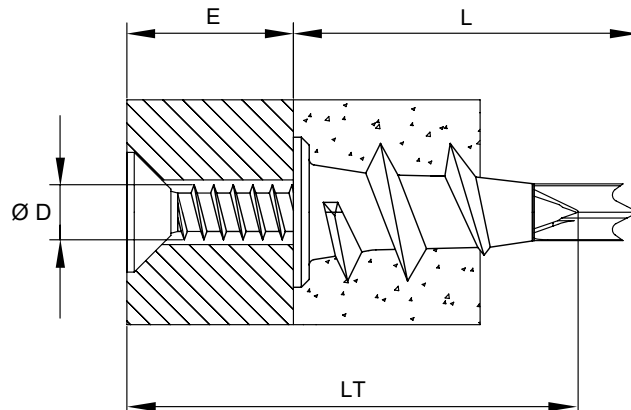
| SIZE       | UNIT BOX | UNIT MASTER BOX |
|------------|----------|-----------------|
| 1/8" X 3"  | 100      | 2,000           |
| 3/16" X 3" | 100      | 1,200           |
| 1/4" X 3"  | 100      | 800             |

## Plugs for plasterboard

### Zamak plug



| SIZE    | UNIT BOX | UNIT MASTER BOX | HOLE DEPTH MIN. "F" |
|---------|----------|-----------------|---------------------|
| 13 x 32 | 100      | 1,600           | 25                  |



### Zamak plug



| SIZE    | UNIT BOX | UNIT MASTER BOX | HOLE DEPTH MIN. "F" |
|---------|----------|-----------------|---------------------|
| 13 x 37 | 100      | 1,600           | 25                  |

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We manufacture a diverse range of over 40 types of anchors and fixings, having state-of-the-art automated production processes.



## Nylon plug

### Plug



| SIZE        | UNIT BOX | UNIT MASTER BOX | HOLE DEPTH MIN. "F" | MIN. SUBSTRATE THICKNESS "hmin" | TENSION LOAD NON-CRACKED CONCRETE |
|-------------|----------|-----------------|---------------------|---------------------------------|-----------------------------------|
| 5 x 25 Ø5   | 100      | 4,200           | 30                  | 35                              | 28                                |
| 6 x 30 Ø6   | 100      | 3,200           | 40                  | 45                              | 61                                |
| 8 x 40 Ø8   | 100      | 1,600           | 50                  | 55                              | 170                               |
| 10 x 50 Ø10 | 50       | 800             | 60                  | 65                              | 256                               |
| 12 x 60 Ø12 | 25       | 400             | 70                  | 75                              | 394                               |
| 14 x 70 Ø14 | 20       | 320             | 80                  | 85                              | 628                               |

### Long plug



| SIZE        | UNIT BOX | UNIT MASTER BOX | HOLE DEPTH MIN. "F" | MIN. SUBSTRATE THICKNESS "hmin" | TENSION LOAD NON-CRACKED CONCRETE |
|-------------|----------|-----------------|---------------------|---------------------------------|-----------------------------------|
| 6 x 45 Ø6   | 100      | 1,600           | 55                  | 60                              | 60                                |
| 8 x 60 Ø8   | 50       | 800             | 70                  | 75                              | 129                               |
| 10 x 80 Ø10 | 25       | 400             | 90                  | 95                              | -                                 |

### Plug with collar



| SIZE | UNIT BOX | UNIT MASTER BOX | HOLE DEPTH MIN. "F" | MIN. SUBSTRATE THICKNESS "hmin" | TENSION LOAD NON-CRACKED CONCRETE |
|------|----------|-----------------|---------------------|---------------------------------|-----------------------------------|
| 6    | 100      | 2,400           | 40                  | 45                              | 61                                |

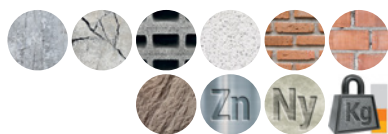
## Nylon Plug

### Universal high performance nylon plug



| SIZE     | UNIT BOX | UNIT MASTER BOX | HOLE DEPTH MIN. "F" | MIN. SUBSTRATE THICKNESS "hmin" | MAX. FIXTURE THICKNESS "tfix" | TENSION LOAD NON-CRACKED CONCRETE |
|----------|----------|-----------------|---------------------|---------------------------------|-------------------------------|-----------------------------------|
| 8 x 60   | 50       | 800             | 70                  | 100                             | -                             | 141                               |
| 8 x 80   | 50       | 600             | 90                  | 100                             | -                             | 141                               |
| 8 x 100  | 50       | 600             | 90                  | 100                             | -                             | 141                               |
| 8 x 120  | 50       | 600             | 90                  | 100                             | -                             | 141                               |
| 10 x 60  | 50       | 600             | 70                  | 100                             | -                             | 202                               |
| 10 x 80  | 50       | 600             | 90                  | 100                             | -                             | 202                               |
| 10 x 100 | 50       | 600             | 90                  | 100                             | -                             | 202                               |
| 10 x 120 | 50       | 600             | 90                  | 100                             | -                             | 202                               |
| 10 x 140 | 50       | 300             | 90                  | 100                             | -                             | 202                               |

### Countersunk head. TX recess. Zinc-plated. ETA Assessed



| SIZE         | UNIT BOX | UNIT MASTER BOX | HOLE DEPTH MIN. "F" | MIN. SUBSTRATE THICKNESS "hmin" | MAX. FIXTURE THICKNESS "tfix" | TENSION LOAD NON-CRACKED CONCRETE |
|--------------|----------|-----------------|---------------------|---------------------------------|-------------------------------|-----------------------------------|
| 8 x 60 Ø8    | 50       | 600             | 70                  | 100                             | 10                            | 141                               |
| 8 x 80 Ø8    | 50       | 600             | 90                  | 100                             | 10                            | 141                               |
| 8 x 100 Ø8   | 50       | 600             | 90                  | 100                             | 30                            | 141                               |
| 8 x 120 Ø8   | 50       | 300             | 90                  | 100                             | 50                            | 141                               |
| 10 x 60 Ø10  | 50       | 300             | 70                  | 100                             | 10                            | 202                               |
| 10 x 80 Ø10  | 50       | 300             | 90                  | 100                             | 10                            | 202                               |
| 10 x 100 Ø10 | 50       | 300             | 90                  | 100                             | 30                            | 202                               |
| 10 x 120 Ø10 | 50       | 300             | 90                  | 100                             | 50                            | 202                               |
| 10 x 140 Ø10 | 50       | 300             | 90                  | 100                             | 70                            | 202                               |
| 10 x 160 Ø10 | 50       | 200             | 90                  | 100                             | 90                            | 202                               |
| 10 x 180 Ø10 | 50       | 150             | 90                  | 100                             | 110                           | 202                               |
| 10 x 200 Ø10 | 50       | 150             | 90                  | 100                             | 130                           | 202                               |
| 10 x 230 Ø10 | 50       | 100             | 90                  | 100                             | 160                           | 202                               |

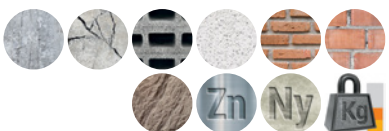
## Nylon Plug

### A4 Stainless steel. Countersunk head. TX recess. ETA Assessed



| SIZE         | UNIT BOX | UNIT MASTER BOX | HOLE DEPTH MIN. "F" | MIN. SUBSTRATE THICKNESS "hmin" | MAX. FIXTURE THICKNESS "tfix" | TENSION LOAD NON-CRACKED CONCRETE |
|--------------|----------|-----------------|---------------------|---------------------------------|-------------------------------|-----------------------------------|
| 8 x 80 Ø8    | 50       | 600             | 90                  | 100                             | 10                            | 141                               |
| 8 x 100 Ø8   | 50       | 600             | 90                  | 100                             | 30                            | 141                               |
| 8 x 120 Ø8   | 50       | 300             | 90                  | 100                             | 50                            | 141                               |
| 10 x 80 Ø10  | 50       | 300             | 90                  | 100                             | 10                            | 202                               |
| 10 x 100 Ø10 | 50       | 300             | 90                  | 100                             | 30                            | 202                               |
| 10 x 120 Ø10 | 50       | 300             | 90                  | 100                             | 50                            | 202                               |
| 10 x 140 Ø10 | 50       | 300             | 90                  | 100                             | 70                            | 202                               |

### Hexagonal head. TX recess. Zinc-plated. ETA Assessed



| SIZE         | UNIT BOX | UNIT MASTER BOX | HOLE DEPTH MIN. "F" | MIN. SUBSTRATE THICKNESS "hmin" | MAX. FIXTURE THICKNESS "tfix" | TENSION LOAD NON-CRACKED CONCRETE |
|--------------|----------|-----------------|---------------------|---------------------------------|-------------------------------|-----------------------------------|
| 8 x 60 Ø8    | 50       | 600             | 70                  | 100                             | 10                            | 141                               |
| 8 x 80 Ø8    | 50       | 600             | 90                  | 100                             | 10                            | 141                               |
| 8 x 100 Ø8   | 50       | 300             | 90                  | 100                             | 30                            | 141                               |
| 8 x 120 Ø8   | 50       | 300             | 90                  | 100                             | 50                            | 141                               |
| 10 x 60 Ø10  | 50       | 300             | 70                  | 100                             | 10                            | 202                               |
| 10 x 80 Ø10  | 50       | 300             | 90                  | 100                             | 10                            | 202                               |
| 10 x 100 Ø10 | 50       | 300             | 90                  | 100                             | 30                            | 202                               |
| 10 x 120 Ø10 | 50       | 300             | 90                  | 100                             | 50                            | 202                               |
| 10 x 140 Ø10 | 50       | 200             | 90                  | 100                             | 70                            | 202                               |
| 10 x 160 Ø10 | 50       | 150             | 90                  | 100                             | 90                            | 202                               |
| 10 x 180 Ø10 | 50       | 150             | 90                  | 100                             | 110                           | 202                               |
| 10 x 200 Ø10 | 50       | 150             | 90                  | 100                             | 130                           | 202                               |
| 10 x 230 Ø10 | 50       | 100             | 90                  | 100                             | 160                           | 202                               |

## Nylon Plug

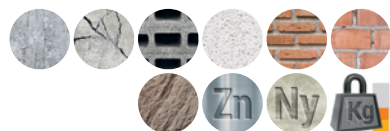
### A4 Stainless steel. Hexagonal head.

TX recess. ETA Assessed



| SIZE         | UNIT BOX | UNIT MASTER BOX | HOLE DEPTH MIN. "F" | MIN. SUBSTRATE THICKNESS "hmin" | MAX. FIXTURE THICKNESS "tfix" | TENSION LOAD NON-CRACKED CONCRETE |
|--------------|----------|-----------------|---------------------|---------------------------------|-------------------------------|-----------------------------------|
| 8 x 80 Ø8    | 50       | 600             | 90                  | 100                             | 10                            | 141                               |
| 8 x 100 Ø8   | 50       | 300             | 90                  | 100                             | 30                            | 141                               |
| 10 x 80 Ø10  | 50       | 300             | 90                  | 100                             | 10                            | 202                               |
| 10 x 100 Ø10 | 50       | 300             | 90                  | 100                             | 30                            | 202                               |
| 10 x 120 Ø10 | 50       | 300             | 90                  | 100                             | 50                            | 202                               |
| 10 x 140 Ø10 | 50       | 200             | 90                  | 100                             | 70                            | 202                               |

### Tamperproof Truss head. TX recess. Zinc-plated. ETA Assessed



| SIZE         | UNIT BOX | UNIT MASTER BOX | HOLE DEPTH MIN. "F" | MIN. SUBSTRATE THICKNESS "hmin" | MAX. FIXTURE THICKNESS "tfix" | TENSION LOAD NON-CRACKED CONCRETE |
|--------------|----------|-----------------|---------------------|---------------------------------|-------------------------------|-----------------------------------|
| 10 x 80 Ø10  | 50       | 300             | 70                  | 100                             | 10                            | 202                               |
| 10 x 100 Ø10 | 50       | 300             | 90                  | 100                             | 30                            | 202                               |
| 10 x 120 Ø10 | 50       | 200             | 90                  | 100                             | 50                            | 202                               |
| 10 x 140 Ø10 | 50       | 200             | 90                  | 100                             | 70                            | 202                               |
| 10 x 160 Ø10 | 50       | 200             | 90                  | 100                             | 90                            | 202                               |



## Notes





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