



**TRUTEK<sup>TM</sup>**  
CONSTRUCTION FASTENING SYSTEMS



PRODUCT GUIDE 2026





# CERTIFICATE

PCC-CERT

confirms, that:

**Trutek Fasteners Polska Sp. z o. o.**  
**ul. Wojska Polskiego 3, 39-300 Mielec**

applies to the Integrated Management System and fulfills requirements of:

**PN-EN ISO 9001:2015**  
**PN-EN ISO 14001:2015**

in scope of:

sales of assembly and anchoring systems for construction and industry.

Date of the certification decision: 22.02.2024  
Certificate validity: 22.02.2024-21.02.2027  
Certificate registration No.: PW-06002-24

PCC Manager

Mirosław Błaut



AC 082

Kobierzyce, 03.06.2024

*The certificate remains valid upon fulfilling requirements of contract agreement No. 743/2023*  
PCC-CERT Group Sp. z o.o. ul. Sportowa 29, 55-040 Kobierzyce

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## WHO ARE WE?

Trutek Fasteners is a part of an international holding group that includes production and trading companies operating in all parts of the world. Its distribution activity in Europe began in the United Kingdom in January 2002. Our company specialises in the production of top quality fastening systems for construction and industry. In our wide range, you will find both traditional products, used for many years in construction industry, and innovative, technologically advanced solutions that guarantee the highest level of safety, as well as easy and prompt application.

## TOP QUALITY OF PRODUCTS - TECHNICAL APPROVALS, CERTIFICATES AND TESTS

Our products are subject to strict and demanding quality control that ensures the highest quality of the products and complete safety of their use. This is confirmed by numerous certificates and technical approvals.

## FAST AND COMPLETE DELIVERIES

- Stock on hand. Advanced SAP computer system enables us to manage warehouse stock accurately and prevent product shortage.
- Prompt order execution. Orders from our Customers, regardless of the way of their submission, are immediately passed on for execution, so we guarantee delivery within 24 hours from ordering.
- Complete delivery information. The integration of our computer system with the shipment system of the forwarding company makes it possible to track the process of shipment online and predict the time of delivery.
- Delivery completeness. The process of the execution of orders involves checking mechanisms that provide multi-level inspection of delivery completeness, thus limiting possible mistakes.

## TRAINING

Comprehensive program of trainings for our Commercial Partners is aimed to the best preparation of their personnel to serve Customers from the construction industry. The training program includes the following issues:

- Product training - it gives the opportunity to get fully familiar with our products, their technical characteristics and application in construction side conditions.
- Technical training - it includes expertise in the range of materials science, physical and chemical processes that occur during anchoring and product documentation required on construction sites, such as technical approvals, certificates and declarations of conformity.

## TECHNICAL ASSISTANCE, ADVISING ON CONSTRUCTION SITES.

Technical assistance is provided by a group of experts whose mission is to support design engineers and constructors in cases of innovative and difficult construction projects, as well as the optimum and complex choice of fastenings for typical applications that are common for constructions sites:

- telephone info-line technical support,
- choice of fastenings for a given project,
- anchors choice reports,
- materials for design engineers,
- anchors choice program,
- construction site test and presentations

## ORDER PORTAL - ONLINE ORDERING

This is easy and fast way for purchasing at any time of the day and night. All the orders placed on the Internet retain all commercial conditions, and the interactive interface of information exchange gives the opportunity to agree non-standard conditions of product delivery.

- information on the availability of product of interest,
- information on the order value,
- information on the order processing progress;
- invoice prior to product delivery,
- special offers for web portal users,
- historical data review,
- waybill number, enabling the Customer to track the process of goods delivery







DESCRIPTION

BASE MATERIAL

FASTENING TYPE

■ Full Application

● Limited Use

◆ Technical approval

Pg

Product

## GAS & PAT TECHNOLOGY

|         |                                |   |   |   |   |   |   |  |   |   |  |   |   |   |
|---------|--------------------------------|---|---|---|---|---|---|--|---|---|--|---|---|---|
| 8       | TSGT / + / X                   | ■ | ■ | ■ |   |   |   |  | ■ | ■ |  | ✓ | ◆ |   |
| 13 - 14 | TD / TC / TDM / TCM / TMWP ETC | ■ | ■ | ■ |   |   |   |  | ■ | ■ |  | ✓ | ◆ |   |
| 11      | TIF                            | ■ | ■ | ■ | ● | ● | ● |  |   |   |  | ✓ | ◆ | ◆ |

## MECHANICAL ANCHORS

|         |                            |   |   |   |  |   |  |  |  |  |  |   |   |   |
|---------|----------------------------|---|---|---|--|---|--|--|--|--|--|---|---|---|
| 17      | HD - Heavy Duty Anchors    | ■ | ■ |   |  |   |  |  |  |  |  | ✓ |   | ◆ |
| 18 - 20 | TX and TT - Throughbolts   | ■ | ■ |   |  |   |  |  |  |  |  | ✓ | ◆ | ◆ |
| 21 - 23 | TAB & TUC - Concrete Bolts | ■ | ■ |   |  |   |  |  |  |  |  |   | ✓ | ◆ |
| 24      | TS - Sleeve Anchors        | ■ | ■ | ■ |  |   |  |  |  |  |  | ✓ | ◆ |   |
| 25      | TSA - Shield Anchors       | ■ | ■ | ■ |  | ■ |  |  |  |  |  | ✓ | ◆ |   |
| 26      | TDA - Drop-In Anchors      | ■ | ■ |   |  |   |  |  |  |  |  | ✓ | ◆ | ◆ |

## CHEMICAL ANCHORS

|         |                                  |   |   |   |   |   |   |  |  |  |  |  |   |   |   |
|---------|----------------------------------|---|---|---|---|---|---|--|--|--|--|--|---|---|---|
| 28 - 30 | TCM - Chemical Cartridge Anchors | ■ | ■ | ■ | ■ | ■ | ● |  |  |  |  |  | ✓ | ◆ | ◆ |
| 32      | TCS - Chemical Capsule Anchors   | ■ | ■ | ● |   |   |   |  |  |  |  |  | ✓ |   | ◆ |

## LIGHTWEIGHT ANCHORS

|    |                                      |   |   |   |   |   |   |   |  |  |  |   |   |   |
|----|--------------------------------------|---|---|---|---|---|---|---|--|--|--|---|---|---|
| 36 | TNP - Nylon Plugs                    | ■ | ■ | ■ | ● | ● | ● |   |  |  |  | ✓ |   |   |
| 36 | THS - Nylon Hammerscrews             | ■ | ■ | ■ | ● | ● | ● |   |  |  |  | ✓ |   |   |
| 37 | TSRB Scaffold Bolts                  | ■ | ■ | ■ | ■ | ● | ● |   |  |  |  |   | ✓ |   |
| 38 | TSF - Sanitary Fixings               | ■ | ■ | ■ | ● | ● | ● |   |  |  |  | ✓ |   |   |
| 38 | TNFA - Nylon Frame Long expansion    | ■ | ■ | ■ | ● | ● | ● |   |  |  |  | ✓ |   |   |
| 39 | TNFAM - Multi Expansion Frame Anchor | ■ | ■ | ■ | ■ | ■ | ● |   |  |  |  | ✓ |   | ◆ |
| 40 | TFCS - Door/Window Frame Screw       | ■ | ■ | ■ |   |   |   |   |  |  |  |   | ✓ |   |
| 40 | TKS - Tapscrew                       | ■ | ■ | ■ |   |   |   |   |  |  |  |   | ✓ |   |
| 41 | TZH Zamac Hammer-In Anchor           | ■ | ■ | ■ | ● | ● |   |   |  |  |  | ✓ |   |   |
| 41 | TMH - All Steel Hammer-In Anchor     | ■ | ■ |   |   |   |   |   |  |  |  | ✓ |   | ◆ |
| 41 | TME - Aerated Concrete express       |   |   |   |   |   | ■ |   |  |  |  |   | ✓ |   |
| 41 | TWH - Wirehangers                    | ■ | ■ |   |   | ● |   |   |  |  |  |   | ✓ |   |
| 42 | TDPA - Metal Plasterboard Anchor     |   |   |   |   |   | ■ | ■ |  |  |  |   | ✓ |   |
| 42 | TNPA - Nylon Plasterboard Anchor     |   |   |   |   |   | ■ | ■ |  |  |  |   | ✓ |   |
| 42 | TMS - All Purpose Screw Multifix     | ■ | ■ | ■ |   | ● | ● | ■ |  |  |  |   | ✓ |   |
| 43 | THW - Hollow Wall Anchors            |   |   |   | ■ |   |   | ■ |  |  |  |   | ✓ |   |

**BATTERY NAILER  
TBT27 TRAK TOOL**

FOR USE WITH TSGT / TSGT+ / TSGTX

**NEW**

| Product Code | Energy Level (J) | Magazine Capacity (pcs) | Nail Length (mm) | Tool Weight (kg) | Battery life |
|--------------|------------------|-------------------------|------------------|------------------|--------------|
| TBT 27       | 120              | 30                      | 13 - 27          | 3.4              | 750 shots    |

**BATTERY CONCRETE NAILER  
TBT40**

FOR USE WITH TSGT / TSGT+ / TSGTX

**NEW**

| Product Code | Energy Level (J) | Magazine Capacity (pcs) | Nail Length (mm) | Tool Weight (kg) | Battery life |
|--------------|------------------|-------------------------|------------------|------------------|--------------|
| TBT 40       | 120              | 30                      | 13 - 40          | 3.45             | 750 shots    |

**BATTERY WOOD NAILER  
TBTW34**

FOR USE WITH COLLATED WOOD NAILS 34°

**NEW**

| Product Code | Energy Level (J) | Magazine Capacity (pcs) | Nail Length (mm) | Tool Weight (kg) | Battery life |
|--------------|------------------|-------------------------|------------------|------------------|--------------|
| TBT W34      | 120              | 30                      | 45 - 90          | 3.55             | 750 shots    |





**GAS POWERED NAILER  
TGTC65**

FOR USE WITH TSGT / TSGT+ / TSGTX

**NEW**



| Product Code | Energy Level (J) | Magazine Capacity (pcs) | Nail Length (mm) | Tool Weight (kg) | Gas Capacity | Battery life |
|--------------|------------------|-------------------------|------------------|------------------|--------------|--------------|
| TGTC65       | 120              | 30                      | 13 - 65          | 4.8              | 1000 shots   | 4000 shots   |



**GAS POWERED NAILER  
TGT40**

FOR USE WITH TSGT / TSGT+ / TSGTX

**NEW**



| Product Code | Energy Level (J) | Magazine Capacity (pcs) | Nail Length (mm) | Tool Weight (kg) | Gas Capacity | Battery life |
|--------------|------------------|-------------------------|------------------|------------------|--------------|--------------|
| TGT40        | 90               | 30                      | 13 - 40          | 3.5              | 1000 shots   | 4000 shots   |



**GAS POWERED NAILER  
TGTC38**

FOR USE WITH TSGT / TSGT+ / TSGTX



| Product Code | Energy Level (J) | Magazine Capacity (pcs) | Nail Length (mm) | Tool Weight (kg) | Gas Capacity | Battery life |
|--------------|------------------|-------------------------|------------------|------------------|--------------|--------------|
| TGTC38LI     | 90               | 30                      | 13 - 38          | 3.5              | 1000 shots   | 4000 shots   |



**GAS POWERED NAILER  
TGTC32**

FOR USE WITH TSGT / TSGT+ / TSGTX

**NEW**



| Product Code | Energy Level (J) | Magazine Capacity (pcs) | Nail Length (mm) | Tool Weight (kg) | Gas Capacity | Battery life |
|--------------|------------------|-------------------------|------------------|------------------|--------------|--------------|
| TGT32        | 90               | 30                      | 13 - 32          | 3.3              | 1000 shots   | 4000 shots   |



### Premium Magazine Nails for Battery & Gas Nailer

| Product Code | Base Material | Nail Diameter (mm) | Nail Length (mm) | For use with             | Box Packing | Outer Packing |
|--------------|---------------|--------------------|------------------|--------------------------|-------------|---------------|
| TSGT19       | Concrete      | 2.7                | 19               | TGTC65/40/38/32 TBT27/40 | 1000        | 5000          |
| TSGT22       | Concrete      | 2.7                | 22               | TGTC65/40/38/32 TBT27/40 | 1000        | 5000          |
| TSGT25       | Concrete      | 2.7                | 25               | TGTC65/40/38/32 TBT27/40 | 1000        | 5000          |
| TSGT32       | Concrete      | 2.7                | 32               | TGTC65/40/38/32 TBT40    | 1000        | 5000          |
| TSGT38       | Concrete      | 2.7                | 38               | TGTC65/40/38 TBT40       | 1000        | 5000          |
| TSGT45       | Concrete      | 3.05               | 45               | TGTC65                   | 700         | 3500          |
| TSGT50       | Concrete      | 3.05               | 50               | TGTC65                   | 700         | 3500          |
| TSGT55       | Concrete      | 3.05               | 55               | TGTC65                   | 700         | 3500          |
| TSGT60       | Concrete      | 3.05               | 60               | TGTC65                   | 700         | 3500          |
| TSGT65       | Concrete      | 3.05               | 65               | TGTC65                   | 700         | 3500          |



### Super Premium Magazine Nails for Battery & Gas Nailer

| Product Code | Base Material | Nail Diameter (mm) | Nail Length (mm) | For use with             | Box Packing | Outer Packing |
|--------------|---------------|--------------------|------------------|--------------------------|-------------|---------------|
| TSGT17+      | Steel         | 2.9/2.65           | 17               | TGTC65/40/38/32 TBT27/40 | 1000        | 5000          |
| TSGT19+      | Steel         | 2.9/2.65           | 19               | TGTC65/40/38/32 TBT27/40 | 1000        | 5000          |
| TSGT22+      | Steel         | 2.9/2.65           | 22               | TGTC65/40/38/32 TBT27/40 | 1000        | 5000          |



### Xtreme Premium Magazine Nails For Battery & Gas Nailer

| Product Code | Base Material       | Nail Diameter (mm) | Nail Length (mm) | For use with             | Box Packing | Outer Packing |
|--------------|---------------------|--------------------|------------------|--------------------------|-------------|---------------|
| TSGT13X      | Hard Concrete/Steel | 3.0/2.70           | 13               | TGTC65/40/38/32 TBT27/40 | 1000        | 5000          |
| TSGT17X      | Hard Concrete/Steel | 3.0/2.70           | 17               | TGTC65/40/38/32 TBT27/40 | 1000        | 5000          |
| TSGT19X      | Hard Concrete/Steel | 3.0/2.70           | 19               | TGTC65/40/38/32 TBT27/40 | 1000        | 5000          |



### Premium Magazine Nails for For Gas Nailer C5

| Product Code | Base Material | Nail Diameter (mm) | Nail Length (mm) | For use with           | Box Packing | Outer Packing |
|--------------|---------------|--------------------|------------------|------------------------|-------------|---------------|
| TGT17C       | Steel         | 3.0/2.6            | 17               | Dewalt C5 & Equivalent | 800         | 4000          |
| TGT19C       | Steel         | 3.0/2.6            | 19               | Dewalt C5 & Equivalent | 800         | 4000          |
| TGT22C       | Concrete      | 3.0/2.6            | 22               | Dewalt C5 & Equivalent | 800         | 4000          |
| TGT27C       | Concrete      | 3.0/2.6            | 27               | Dewalt C5 & Equivalent | 800         | 4000          |
| TGT32C       | Concrete      | 3.0/2.6            | 32               | Dewalt C5 & Equivalent | 800         | 4000          |
| TGT38C       | Concrete      | 3.0/2.6            | 38               | Dewalt C5 & Equivalent | 800         | 4000          |



BATTERY INSULATION NAILER  
**TBTIS150**

FOR USE WITH TIF60 & TIF90

**NEW**



| Product Code | Energy Level (J) | Magazine Capacity (pcs) | Nail Length (mm) | Tool Weight (kg) | Battery life |
|--------------|------------------|-------------------------|------------------|------------------|--------------|
| TBTIS150     | 120              | -                       | 50 - 150         | 3,4              | 750 shots    |



BATTERY INSULATION NAILER  
**TBTIS200**

FOR USE WITH TIF60 & TIF90

**NEW**



| Product Code | Energy Level (J) | Magazine Capacity (pcs) | Nail Length (mm) | Tool Weight (kg) | Battery life |
|--------------|------------------|-------------------------|------------------|------------------|--------------|
| TBTIS200     | 120              | -                       | 50 - 200         | 3,4              | 750 shots    |





GAS INSULATION NAILER  
**TGTIS200**

FOR USE WITH TIF60 & TIF90



| Product Code | Energy Level (J) | Magazine Capacity (pcs) | Insulation Thickness (mm) | Tool Weight (kg) | Fuel Cell Capacity | Battery Life |
|--------------|------------------|-------------------------|---------------------------|------------------|--------------------|--------------|
| TGTIS200     | 105              | -                       | 50 - 200                  | 3.45             | 1000 shots         | 4000 shots   |



GAS INSULATION NAILER  
**TGT INSUL**

FOR USE WITH TIF60 & TIF90

**NEW**



| Product Code | Energy Level (J) | Magazine Capacity (pcs) | Insulation Thickness (mm) | Tool Weight (kg) | Fuel Cell Capacity | Battery Life |
|--------------|------------------|-------------------------|---------------------------|------------------|--------------------|--------------|
| TGT INSUL    | 105              | -                       | 50 - 200                  | 3.2              | 1000 shots         | 4000 shots   |



GAS INSULATION NAILER  
**TGTIS160**

FOR USE WITH TIF60 & TIF90

**NEW**



| Product Code | Energy Level (J) | Magazine Capacity (pcs) | Insulation Thickness (mm) | Tool Weight (kg) | Fuel Cell Capacity | Battery Life |
|--------------|------------------|-------------------------|---------------------------|------------------|--------------------|--------------|
| TGTIS160     | 105              | -                       | 50 - 160                  | 3.35             | 1000 shots         | 4000 shots   |



Gas for Nail Guns

| Product Code | Description                | Fuel Cell Capacity (ml) | Weight of Fuel Cell (g) | For use with                 | Box Packing | Outer Packing |
|--------------|----------------------------|-------------------------|-------------------------|------------------------------|-------------|---------------|
| TGC165S      | Gas for Gas Tools/Standard | 80                      | 40                      | TGT C65/40/38/32/IS200/INSUL | 20          | 100           |



### Insulation Anchor for Styrofoam & hard Rockwool (60mm Head)

| Product Code | Type of Substrate Material | Insulation Thickness (mm) | Nail Length | Box Packing | Outer Packing |
|--------------|----------------------------|---------------------------|-------------|-------------|---------------|
| TIF60050     | Concrete                   | 50                        | 52          | 500         | 16000         |
| TIF60060     | Concrete                   | 60                        | 52          | 500         | 16000         |
| TIF60070     | Concrete                   | 70                        | 52          | 500         | 16000         |
| TIF60080     | Concrete                   | 80                        | 52          | 500         | 16 000        |
| TIF60100     | Concrete                   | 100                       | 52          | 450         | 14 400        |
| TIF60120     | Concrete                   | 120                       | 52          | 400         | 12 800        |
| TIF60140     | Concrete                   | 140                       | 52          | 300         | 9 600         |
| TIF60150     | Concrete                   | 150                       | 52          | 300         | 9 600         |
| TIF60160     | Concrete                   | 160                       | 52          | 250         | 8 000         |
| TIF60180     | Concrete                   | 180                       | 52          | 250         | 8 000         |
| TIF60200     | Concrete                   | 200                       | 52          | 200         | 6 400         |



### Insulation Anchor for soft Rockwool Fixing (90mm Head)

| Product Code | Type of Substrate Material | Insulation Thickness (mm) | Nail Length | Box Packing | Outer Packing |
|--------------|----------------------------|---------------------------|-------------|-------------|---------------|
| TIF90080     | Concrete                   | 80                        | 52          | 250         | 8 000         |
| TIF90100     | Concrete                   | 100                       | 52          | 250         | 8 000         |
| TIF90120     | Concrete                   | 120                       | 52          | 200         | 6 400         |
| TIF90140     | Concrete                   | 140                       | 52          | 200         | 6 400         |
| TIF90150     | Concrete                   | 150                       | 52          | 150         | 4 800         |
| TIF90160     | Concrete                   | 160                       | 52          | 150         | 4 800         |
| TIF90180     | Concrete                   | 180                       | 52          | 100         | 3 200         |
| TIF90200     | Concrete                   | 200                       | 52          | 100         | 3 200         |

Suitable to be used with following tools: TGTIS200Li, TGTIS160, TGT INSUL, TBTIS, LV500IS.





| Product Code | Cartridge Calibre | Head Diameter (mm) | Tool Weight (kg) | Magazine Nail Length/<br>Single (mm) | Tool Length |
|--------------|-------------------|--------------------|------------------|--------------------------------------|-------------|
| LV350        | 6.8/11 (Strip)    | 8                  | 2,35             | - / 16-6                             | 340         |



| Product Code | Cartridge Calibre | Head Diameter (mm) | Tool Weight (kg) | Magazine Nail Length/<br>Single (mm) | Tool Length |
|--------------|-------------------|--------------------|------------------|--------------------------------------|-------------|
| LV500M       | 6.8/11 (Strip)    | 8                  | 3.2              | 16-72 / 16-62                        | 450         |



| Product Code | Cartridge Calibre | Head Diameter (mm) | Tool Weight (kg) | Magazine Nail Length/<br>Single (mm) | Tool Length |
|--------------|-------------------|--------------------|------------------|--------------------------------------|-------------|
| LV500 IS120  | 6.8/11 (Strip)    | 8                  | 3.2              | Adaptor for up to 120mm Insulation   | 450         |



### Magazine cartridges - 6.8/11 - 0.27 Calibre

| Product Code | Cartridge Calibre | Colour | Power of<br>Cartridge | Box Packing | Outer Packing |
|--------------|-------------------|--------|-----------------------|-------------|---------------|
| TCGM         | 6.8/11 - 0.27     | Green  | Weak                  | 100         | 10000         |
| TCYM         | 6.8/11 - 0.27     | Yellow | Average               | 100         | 10000         |
| TCRM         | 6.8/11 - 0.27     | Red    | Strong                | 100         | 10000         |
| TCBM         | 6.8/11 - 0.27     | Black  | Very Strong           | 100         | 10000         |

Suitable for: LV350, LV500, DX5 and DX460





## TDM Magazine Drive Pins (8mm Head)



| Product Code | Head /Nail Diameter (mm) | Nail Length (mm) | Type of Substrate | Box Packing | Outer Packing |
|--------------|--------------------------|------------------|-------------------|-------------|---------------|
| TDM16K       | 8/3.8                    | 16               | Steel             | 100         | 2000          |
| TDM19K       | 8/3.8                    | 19               | Steel             | 100         | 2000          |
| TDM22K       | 8/3.8                    | 22               | Steel             | 100         | 2000          |
| TDM27        | 8/3.8                    | 27               | Concrete          | 100         | 2000          |
| TDM32        | 8/3.8                    | 32               | Concrete          | 100         | 2000          |
| TDM37        | 8/3.8                    | 37               | Concrete          | 100         | 2000          |
| TDM42        | 8/3.8                    | 42               | Concrete          | 100         | 2000          |
| TDM47        | 8/3.8                    | 47               | Concrete          | 100         | 2000          |
| TDM52        | 8/3.8                    | 52               | Concrete          | 100         | 1000          |
| TDM57        | 8/3.8                    | 57               | Concrete          | 100         | 1000          |
| TDM62        | 8/3.8                    | 62               | Concrete          | 100         | 1000          |
| TDM72        | 8/3.8                    | 72               | Concrete          | 100         | 1000          |



## TDM Magazine Drive Pins (8mm Head) - Premium Pin For Steel &amp; Hard Concrete

| Product Code | Head /Nail Diameter (mm) | Nail Length (mm) | Type of Substrate | Box Packing | Outer Packing |
|--------------|--------------------------|------------------|-------------------|-------------|---------------|
| TDM27+       | 8/3.8                    | 27               | Steel             | 100         | 2000          |
| TDM32+       | 8/3.8                    | 32               | Steel             | 100         | 2000          |



## TD Drive Pins (8mm Head) Plastic Washer



| Product Code | Head /Nail Diameter (mm) | Nail Length (mm) | Type of Substrate | Box Packing | Outer Packing |
|--------------|--------------------------|------------------|-------------------|-------------|---------------|
| TD16K        | 8/3.8                    | 16               | Steel             | 100         | 2000          |
| TD19K        | 8/3.8                    | 19               | Steel             | 100         | 2000          |
| TD22K        | 8/3.8                    | 22               | Steel             | 100         | 2000          |
| TD27         | 8/3.8                    | 27               | Concrete          | 100         | 2000          |
| TD32         | 8/3.8                    | 32               | Concrete          | 100         | 2000          |
| TD37         | 8/3.8                    | 37               | Concrete          | 100         | 2000          |
| TD42         | 8/3.8                    | 42               | Concrete          | 100         | 2000          |
| TD47         | 8/3.8                    | 47               | Concrete          | 100         | 2000          |
| TD52         | 8/3.8                    | 52               | Concrete          | 100         | 1000          |
| TD57         | 8/3.8                    | 57               | Concrete          | 100         | 1000          |
| TD62         | 8/3.8                    | 62               | Concrete          | 100         | 1000          |
| TD72         | 8/3.8                    | 72               | Concrete          | 100         | 1000          |
| TD82         | 8/3.8                    | 82               | Concrete          | 100         | 1000          |
| TD97         | 8/3.8                    | 97               | Concrete          | 100         | 1000          |



## TH Top Hat Drive Pins (8mm Head)



| Product Code | Head /Nail Diameter (mm) | Nail Length (mm) | Type of Substrate | Box Packing | Outer Packing |
|--------------|--------------------------|------------------|-------------------|-------------|---------------|
| TH19         | 8/3.8                    | 19               | Steel             | 100         | 2000          |





## TD Drive Pins (8mm Head) 23 mm Metal Washer

| Product Code | Head /Nail Diameter (mm) | Nail Length (mm) | Type of Substrate | Washer Diameter (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|------------------|-------------------|----------------------|-------------|---------------|
| TMWP27       | 8/3.8                    | 27               | Concrete          | 23                   | 100         | 1500          |
| TMWP32       | 8/3.8                    | 32               | Concrete          | 23                   | 100         | 1500          |
| TMWP47       | 8/3.8                    | 47               | Concrete          | 23                   | 100         | 1500          |



## TD Framing Nail (8mm Head) with Plastic Washer

| Product Code | Head/Nail Diameter (mm) | Nail Length (mm) | Type of Substrate | Box Packing | Outer Packing |
|--------------|-------------------------|------------------|-------------------|-------------|---------------|
| TDF47        | 8/3.8                   | 47               | Concrete          | 100         | 2000          |
| TDF54        | 8/3.8                   | 54               | Concrete          | 100         | 2000          |
| TDF62        | 8/3.8                   | 62               | Concrete          | 100         | 2000          |



## TXCC (8mm Head) Ceiling Anchor

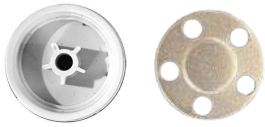
(Suspension Clip suitable for 8mm Cartridge Tools)

| Product Code | Shank Diameter (mm) | Nail Length (mm) | Box Packing | Outer Packing |
|--------------|---------------------|------------------|-------------|---------------|
| TXCC32       | 3.8                 | 32               | 100         | 2000          |



## TC Nails with Plastic Washer - (9mm Hd)

| Product Code |          | Head/Nail Diameter (mm) | Nail Length (mm) | Type of Substrate | Box Packing |          | Outer Packing |          |
|--------------|----------|-------------------------|------------------|-------------------|-------------|----------|---------------|----------|
| Single       | Magazine |                         |                  |                   | Single      | Magazine | Single        | Magazine |
| TC15         | TC15M    | 9/3.7                   | 15               | Steel             | 100         | 500      | 2000          | 2500     |
| TC20         | TC20M    | 9/3.7                   | 20               | Concrete          | 100         | 500      | 2000          | 2500     |
| TC25         | TC25M    | 9/3.7                   | 25               | Concrete          | 100         | 500      | 2000          | 2500     |
| TC30         | TC30M    | 9/3.7                   | 30               | Concrete          | 100         | 500      | 2000          | 2500     |
| TC35         | TC35M    | 9/3.7                   | 35               | Concrete          | 100         | 500      | 2000          | 2500     |
| TC40         | TC40M    | 9/3.7                   | 40               | Concrete          | 100         | 300      | 2000          | 1500     |
| TC50         | TC50M    | 9/3.7                   | 50               | Concrete          | 100         | 300      | 2000          | 1500     |
| TC60         | TC60M    | 9/3.7                   | 60               | Concrete          | 100         | 300      | 1000          | 1500     |
| TC70         |          | 9/3.7                   | 70               | Concrete          | 100         |          | 1000          |          |
| TC80         |          | 9/3.7                   | 80               | Concrete          | 100         |          | 1000          |          |
| TC90         |          | 9/3.7                   | 90               | Concrete          | 100         |          | 1000          |          |



## Washers for Gas Nailer



| Product Code | Description               | Washer Diameter (mm) | Box Packing | Outer Packing |
|--------------|---------------------------|----------------------|-------------|---------------|
| TGA825MW     | Steel washer for Gas Tool | 25                   | 200         | 3600          |
| TGA825PW     | Steel washer for Gas Tool | 25                   | 100         | 5000          |



## TCC Conduit Clips



| Product Code | Pipe/Cable Diameter (mm) | Hole Diameter (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|--------------------|-------------|---------------|
| TCC16        | 16                       | 6                  | 50          | 1000          |
| TCC20        | 20                       | 6                  | 50          | 1000          |

\*other sizes also available



## Ceiling Clip



| Product Code | Hole Diameter (mm) | Box Packing | Outer Packing |
|--------------|--------------------|-------------|---------------|
| TCCGT        | 6                  | 50          | 1000          |



## Cable Tie Holder for Gas Nailer



| Product Code | Description                         | Box Packing | Outer Packing |
|--------------|-------------------------------------|-------------|---------------|
| TGA8BBP      | For use with Gas Nailer tools Black | 100         | 2400          |
| TGA8BWP      | For use with Gas Nailer tools White | 100         | 2400          |



## Pipe and Cable Holder for Gas Nailer



| Product Code | Pipe/Cable Diameter (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|-------------|---------------|
| TGAPC1       | 15-18                    | 100         | 400           |
| TGAPC2       | 20-25                    | 50          | 200           |
| TGAPC3       | 25-32                    | 50          | 200           |



### Pressure Clip Cable Holder for Gas Nailer

| Product Code | Description                         | Box Packing | Outer Packing |
|--------------|-------------------------------------|-------------|---------------|
| TGAPCS       | Single Suitable for up to 8 cables  | 100         | 400           |
| TGAPCD       | Double Suitable for up to 16 cables | 50          | 200           |



### Perforated Steel Straps

| Product Code | Description         | Tape Width (mm) | Tape Thickness (mm) | Tape Length (M) | Box Packing |
|--------------|---------------------|-----------------|---------------------|-----------------|-------------|
| TFP12        | Steel mounting tape | 12              | 0.7                 | 10              | 10          |
| TFP17        | Steel mounting tape | 17              | 0.7                 | 10              | 10          |
| TFP25        | Steel mounting tape | 25              | 0.7                 | 10              | 5           |



### Setting Pin & Tool

| Product Code | Description         | Pin Length (mm) | Pin Diameter (mm) | Collar Diameter (mm) | Box Packing |
|--------------|---------------------|-----------------|-------------------|----------------------|-------------|
| TSP18        | Steel mounting tape | 18              | 0.7               | 8                    | 200         |
| TSP22        | Steel mounting tape | 22              | 0.7               | 8                    | 200         |
| TSPT         | Pin Setting Tool    | -               | -                 | -                    | 1           |



HDLM Anchor for Extreme Loads - Bolt (Steel White Zinc Plated)

| Product Code | Drill Hole Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Min. Hole Depth (mm) | Box Packing |
|--------------|--------------------------|--------------------|-----------------------------|----------------------|-------------|
| HDLM 10/10   | 10                       | 75                 | 10                          | 65                   | 50          |
| HDLM 10/30   | 10                       | 95                 | 30                          | 65                   | 50          |
| HDLM 10/50   | 10                       | 115                | 50                          | 65                   | 50          |
| HDLM 12/10   | 12                       | 87                 | 10                          | 80                   | 50          |
| HDLM 12/30   | 12                       | 107                | 30                          | 80                   | 50          |
| HDLM 12/50   | 12                       | 127                | 50                          | 80                   | 25          |
| HDLM 15/15   | 15                       | 108                | 15                          | 95                   | 25          |
| HDLM 15/25   | 15                       | 118                | 25                          | 95                   | 25          |
| HDLM 15/45   | 15                       | 138                | 45                          | 95                   | 25          |
| HDLM 18/10   | 18                       | 117                | 10                          | 105                  | 20          |
| HDLM 18/20   | 18                       | 127                | 20                          | 105                  | 20          |
| HDLM 18/40   | 18                       | 147                | 40                          | 105                  | 20          |
| HDLM 24/20   | 24                       | 152                | 20                          | 130                  | 10          |
| HDLM 24/50   | 24                       | 182                | 50                          | 130                  | 10          |
| HDLM 28/10** | 28                       | 172                | 10                          | 160                  | 10          |
| HDLM 28/30** | 28                       | 192                | 30                          | 160                  | 10          |
| HDLM 28/60** | 28                       | 222                | 60                          | 160                  | 5           |



HDPM Anchor for Extreme Loads - Nut (Steel White Zinc Plated)

| Product Code | Drill Hole Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Min. Hole Depth (mm) | Box Packing |
|--------------|--------------------------|--------------------|-----------------------------|----------------------|-------------|
| HDPM 10/10   | 10                       | 77                 | 10                          | 65                   | 50          |
| HDPM 10/30   | 10                       | 97                 | 30                          | 65                   | 50          |
| HDPM 10/50   | 10                       | 117                | 50                          | 65                   | 50          |
| HDPM 12/10   | 12                       | 90                 | 10                          | 80                   | 50          |
| HDPM 12/30   | 12                       | 110                | 30                          | 80                   | 50          |
| HDPM 12/50   | 12                       | 130                | 50                          | 80                   | 25          |
| HDPM 15/15   | 15                       | 111                | 15                          | 95                   | 25          |
| HDPM 15/25   | 15                       | 121                | 25                          | 95                   | 25          |
| HDPM 15/45   | 15                       | 141                | 45                          | 95                   | 25          |
| HDPM 18/10   | 18                       | 122                | 10                          | 105                  | 20          |
| HDPM 18/20   | 18                       | 132                | 20                          | 105                  | 20          |
| HDPM 18/40   | 18                       | 152                | 40                          | 105                  | 20          |
| HDPM 24/20   | 24                       | 157                | 20                          | 130                  | 10          |
| HDPM 24/50   | 24                       | 187                | 50                          | 130                  | 10          |
| HDPM 28/10   | 28                       | 181                | 10                          | 160                  | 10          |
| HDPM 28/30   | 28                       | 201                | 30                          | 160                  | 10          |
| HDPM 28/60   | 28                       | 231                | 60                          | 160                  | 5           |



HDF Anchor for Extreme Loads - Countersunk (Steel White Zinc Plated)

| Product Code | Drill Hole Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Min. Hole Depth (mm) | Box Packing |
|--------------|--------------------------|--------------------|-----------------------------|----------------------|-------------|
| HDF12/10**   | 12                       | 80                 | 10                          | 80                   | 50          |
| HDF12/25**   | 12                       | 95                 | 25                          | 80                   | 50          |
| HDF15/10**   | 15                       | 95                 | 10                          | 95                   | 25          |
| HDF15/25**   | 15                       | 110                | 25                          | 95                   | 25          |
| HDF18/20**   | 18                       | 115                | 20                          | 105                  | 20          |
| HDF18/40**   | 18                       | 135                | 40                          | 105                  | 20          |



Throughbolt Anchor ETA Option 1 – Crack Approved  
(Steel White Zinc Plated, St/St Clip)



| Product Code | Drill Hole Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|--------------------|-----------------------------|----------------------|-------------|---------------|
| TX08060      | 8                        | 60                 | 5                           | 45                   | 100         | 400           |
| TX08075      | 8                        | 75                 | 10                          | 55                   | 100         | 400           |
| TX08095      | 8                        | 95                 | 30                          | 55                   | 100         | 400           |
| TX08115      | 8                        | 115                | 50                          | 55                   | 50          | 200           |
| TX10085      | 10                       | 85                 | 15                          | 60                   | 50          | 200           |
| TX10105      | 10                       | 105                | 35                          | 60                   | 50          | 200           |
| TX10120      | 10                       | 120                | 50                          | 60                   | 50          | 200           |
| TX10140      | 10                       | 140                | 70                          | 60                   | 50          | 200           |
| TX12090      | 12                       | 90                 | 15                          | 60                   | 50          | 200           |
| TX12100      | 12                       | 100                | 5                           | 80                   | 50          | 200           |
| TX12125      | 12                       | 125                | 30                          | 80                   | 50          | 200           |
| TX12140      | 12                       | 140                | 45                          | 80                   | 25          | 100           |
| TX12175      | 12                       | 175                | 80                          | 80                   | 25          | 100           |
| TX16115      | 16                       | 115                | 15                          | 80                   | 25          | 100           |
| TX16150      | 16                       | 150                | 30                          | 100                  | 25          | 100           |



Throughbolt Anchor ETA Option 1 – Crack Approved  
(Stainless Steel A4-316)



| Product Code | Drill Hole Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Min. Hole Depth (mm) | Box Packing |
|--------------|--------------------------|--------------------|-----------------------------|----------------------|-------------|
| TTMZ08075SS  | 8                        | 75                 | 10                          | 45                   | 100         |
| TTMZ08085SS  | 8                        | 85                 | 20                          | 55                   | 100         |
| TTMZ08095SS  | 8                        | 95                 | 30                          | 55                   | 100         |
| TTMZ08115SS  | 8                        | 115                | 50                          | 55                   | 50          |
| TTMZ10090SS  | 10                       | 90                 | 20                          | 60                   | 50          |
| TTMZ10105SS  | 10                       | 105                | 35                          | 60                   | 50          |
| TTMZ10120SS  | 10                       | 120                | 50                          | 60                   | 50          |
| TTMZ12090SS  | 12                       | 90                 | 15                          | 60                   | 50          |
| TTMZ12100SS  | 12                       | 100                | 5                           | 80                   | 50          |
| TTMZ12110SS  | 12                       | 110                | 15                          | 80                   | 50          |
| TTMZ12125SS  | 12                       | 125                | 30                          | 80                   | 50          |
| TTMZ12140SS  | 12                       | 140                | 45                          | 80                   | 25          |
| TTMZ16090SS  | 16                       | 90                 | -                           | 80                   | 25          |
| TTMZ16115SS  | 16                       | 115                | 15                          | 80                   | 25          |
| TTMZ16145SS  | 16                       | 145                | 25                          | 100                  | 25          |
| TTMZ16175SS  | 16                       | 175                | 55                          | 100                  | 25          |





Throughbolt Anchor ETA Option 7 - Non Crack Approved  
(Steel White Zinc Plated)

| Product Code | Drill Hole Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|--------------------|-----------------------------|----------------------|-------------|---------------|
| TT06045**    | 6                        | 45                 | -                           | 35                   | 250         | 1000          |
| TT06055**    | 6                        | 55                 | -                           | 35                   | 250         | 1000          |
| TT06085**    | 6                        | 85                 | 32                          | 35                   | 200         | 800           |
| TT08050**    | 8                        | 50                 | 1                           | 43                   | 200         | 800           |
| TT08065      | 8                        | 65                 | 10                          | 43                   | 100         | 400           |
| TT08080      | 8                        | 80                 | 25                          | 43                   | 100         | 400           |
| TT08090      | 8                        | 90                 | 35                          | 43                   | 100         | 400           |
| TT08100      | 8                        | 100                | 45                          | 43                   | 100         | 400           |
| TT08115      | 8                        | 115                | 60                          | 43                   | 100         | 400           |
| TT08130      | 8                        | 130                | 75                          | 43                   | 50          | 200           |
| TT10065      | 10                       | 65                 | 1                           | 48                   | 100         | 400           |
| TT10075      | 10                       | 75                 | 10                          | 48                   | 100         | 400           |
| TT10090      | 10                       | 90                 | 25                          | 48                   | 50          | 200           |
| TT10105      | 10                       | 105                | 40                          | 48                   | 50          | 200           |
| TT10120      | 10                       | 120                | 55                          | 48                   | 50          | 200           |
| TT10140      | 10                       | 140                | 75                          | 48                   | 50          | 200           |
| TT12080      | 12                       | 80                 | 1                           | 60                   | 50          | 200           |
| TT12100      | 12                       | 100                | 20                          | 60                   | 50          | 200           |
| TT12110      | 12                       | 110                | 30                          | 60                   | 25          | 100           |
| TT12120      | 12                       | 120                | 40                          | 60                   | 25          | 100           |
| TT12140      | 12                       | 140                | 60                          | 60                   | 25          | 100           |
| TT12180      | 12                       | 180                | 100                         | 60                   | 25          | 100           |
| TT12200      | 12                       | 200                | 120                         | 60                   | 25          | 100           |
| TT12220      | 12                       | 220                | 140                         | 60                   | 15          | 60            |
| TT12240      | 12                       | 240                | 160                         | 60                   | 10          | 40            |
| TT16105      | 16                       | 105                | 1                           | 70                   | 25          | 100           |
| TT16125      | 16                       | 125                | 20                          | 70                   | 20          | 80            |
| TT16150      | 16                       | 150                | 45                          | 70                   | 20          | 80            |
| TT16175      | 16                       | 175                | 70                          | 70                   | 20          | 80            |
| TT16200      | 16                       | 200                | 95                          | 70                   | 20          | 80            |
| TT16220      | 16                       | 220                | 115                         | 70                   | 15          | 60            |
| TT16240      | 16                       | 240                | 135                         | 70                   | 10          | 40            |
| TT20130      | 20                       | 130                | 5                           | 90                   | 15          | 60            |
| TT20160      | 20                       | 160                | 35                          | 90                   | 10          | 40            |
| TT20220      | 20                       | 220                | 95                          | 90                   | 10          | 40            |
| TT20240      | 20                       | 240                | 115                         | 90                   | 5           | 20            |
| TT24180**    | 24                       | 180                | 30                          | 110                  | 10          | 40            |
| TT24260**    | 24                       | 260                | 110                         | 110                  | 5           | 20            |

\*\* Non ETA products, ITB certification only



Throughbolt Anchor ETA Option 7 - Non Crack Approved  
(Stainless Steel A4-316)



| Product Code | Drill Hole Diameter<br>(mm) | Anchor Length<br>(mm) | Max. Fixture<br>Thickness (mm) | Min. Hole Depth<br>(mm) | Box Packing |
|--------------|-----------------------------|-----------------------|--------------------------------|-------------------------|-------------|
| TT06045SS    | 6                           | 45                    | -                              | 55                      | 100         |
| TT06050SS    | 6                           | 50                    | -                              | 55                      | 100         |
| TT06075SS    | 8                           | 75                    | 20                             | 55                      | 100         |
| TT08050SS    | 8                           | 50                    | -                              | 65                      | 100         |
| TT08065SS    | 8                           | 65                    | -                              | 65                      | 50          |
| TT08080SS    | 8                           | 80                    | 15                             | 65                      | 50          |
| TT08090SS    | 8                           | 90                    | 25                             | 65                      | 50          |
| TT08100SS    | 8                           | 100                   | 35                             | 65                      | 50          |
| TT08115SS    | 8                           | 115                   | 50                             | 65                      | 50          |
| TT08130SS    | 8                           | 130                   | 65                             | 65                      | 50          |
| TT10065SS    | 10                          | 65                    | -                              | 70                      | 25          |
| TT10075SS    | 10                          | 75                    | -                              | 70                      | 25          |
| TT10090SS    | 10                          | 90                    | 18                             | 70                      | 25          |
| TT10105SS    | 10                          | 105                   | 33                             | 70                      | 25          |
| TT10120SS    | 10                          | 120                   | 48                             | 70                      | 25          |
| TT12080SS    | 12                          | 80                    | -                              | 90                      | 25          |
| TT12100SS    | 12                          | 100                   | 5                              | 90                      | 25          |
| TT12120SS    | 12                          | 120                   | 25                             | 90                      | 20          |
| TT12140SS    | 12                          | 140                   | 45                             | 90                      | 20          |
| TT12180SS    | 12                          | 180                   | 85                             | 90                      | 20          |
| TT16105SS    | 16                          | 105                   | -                              | 120                     | 20          |
| TT16125SS    | 16                          | 125                   | 5                              | 120                     | 20          |
| TT16150SS    | 16                          | 150                   | 30                             | 120                     | 20          |
| TT16175SS    | 16                          | 175                   | 55                             | 120                     | 20          |
| TT16200SS    | 16                          | 200                   | 80                             | 120                     | 10          |

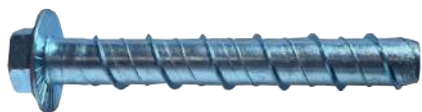
Also Available in A2-304



Throughbolt Anchor ETA Option 7 - Non Crack Approved  
(Steel Hot Dipped Galvanized)



| Product Code | Drill Hole<br>Diameter (mm) | Anchor Length<br>(mm) | Max. Fixture<br>Thickness (mm) | Min. Hole Depth<br>(mm) | Box Packing | Outer Packing |
|--------------|-----------------------------|-----------------------|--------------------------------|-------------------------|-------------|---------------|
| TT08050G**   | 8                           | 50                    | -                              | 50                      | 200         | 800           |
| TT08060G     | 8                           | 60                    | 5                              | 50                      | 100         | 400           |
| TT08080G     | 8                           | 80                    | 25                             | 50                      | 100         | 400           |
| TT08090G     | 8                           | 90                    | 35                             | 50                      | 100         | 400           |
| TT08115G     | 8                           | 115                   | 60                             | 50                      | 100         | 400           |
| TT10065G     | 10                          | 65                    | 5                              | 55                      | 100         | 400           |
| TT10090G     | 10                          | 90                    | 30                             | 55                      | 50          | 200           |
| TT10105G     | 10                          | 105                   | 45                             | 55                      | 50          | 200           |
| TT10120G     | 10                          | 120                   | 60                             | 55                      | 50          | 200           |
| TT10140G     | 10                          | 140                   | 80                             | 55                      | 50          | 200           |
| TT12080G     | 12                          | 80                    | 5                              | 70                      | 50          | 200           |
| TT12100G     | 12                          | 100                   | 25                             | 70                      | 50          | 200           |
| TT12120G     | 12                          | 120                   | 45                             | 70                      | 25          | 100           |
| TT12140G     | 12                          | 140                   | 65                             | 70                      | 25          | 100           |
| TT12180G     | 12                          | 180                   | 105                            | 70                      | 25          | 100           |
| TT16105G     | 16                          | 105                   | 5                              | 90                      | 25          | 100           |
| TT16125G     | 16                          | 125                   | 15                             | 90                      | 20          | 80            |
| TT16150G     | 16                          | 150                   | 50                             | 90                      | 20          | 80            |

**Concrete Bolt Hex Flange Head Option 1 - Crack Approved**

(steel white zinc plated)

| Product Code | Drill Hole Diameter (mm) | Anchor Thread Diameter (mm) | Anchor Length (mm) | Max.Fixture Thickness (mm) | Nominal Embedment Depth (mm) | Min.Hole Depth (mm) | Box Packaging |
|--------------|--------------------------|-----------------------------|--------------------|----------------------------|------------------------------|---------------------|---------------|
| TUC06035     | 6                        | 8                           | 35                 | -                          | 44                           | 50                  | 100           |
| TUC06040     | 6                        | 8                           | 40                 | -                          | 44                           | 50                  | 100           |
| TUC06050     | 6                        | 8                           | 50                 | 6                          | 44                           | 50                  | 100           |
| TUC06060     | 6                        | 8                           | 60                 | 16                         | 44                           | 50                  | 100           |
| TUC06075     | 6                        | 8                           | 75                 | 31                         | 44                           | 50                  | 100           |
| TUC06100     | 6                        | 8                           | 100                | 56                         | 44                           | 50                  | 100           |
| TUC06120     | 6                        | 8                           | 120                | 76                         | 44                           | 50                  | 100           |
| TUC06150     | 6                        | 8                           | 150                | 106                        | 44                           | 50                  | 100           |
| TUC08060     | 8                        | 10                          | 60                 | 10                         | 50                           | 60                  | 100           |
| TUC08075     | 8                        | 10                          | 75                 | 25                         | 50                           | 60                  | 100           |
| TUC08100     | 8                        | 10                          | 100                | 50                         | 50                           | 60                  | 100           |
| TUC08120     | 8                        | 10                          | 120                | 70                         | 50                           | 60                  | 50            |
| TUC08130     | 8                        | 10                          | 130                | 80                         | 50                           | 60                  | 50            |
| TUC08150     | 8                        | 10                          | 150                | 100                        | 50                           | 60                  | 50            |
| TUC10060     | 10                       | 12                          | 60                 | 5                          | 55                           | 65                  | 50            |
| TUC10075     | 10                       | 12                          | 75                 | 10                         | 55                           | 65                  | 50            |
| TUC10100     | 10                       | 12                          | 100                | 35                         | 55                           | 65                  | 50            |
| TUC10120     | 10                       | 12                          | 120                | 55                         | 55                           | 65                  | 25            |
| TUC10150     | 10                       | 12                          | 150                | 85                         | 55                           | 65                  | 25            |
| TUC12075     | 12                       | 14                          | 75                 | -                          | 65                           | 75                  | 50            |
| TUC12100     | 12                       | 14                          | 100                | 35                         | 65                           | 75                  | 50            |
| TUC12130     | 12                       | 14                          | 130                | 45                         | 65                           | 75                  | 25            |
| TUC12150     | 12                       | 14                          | 150                | 65                         | 65                           | 75                  | 15            |
| TUC14100     | 14                       | 16                          | 100                | 15                         | 85                           | 95                  | 25            |
| TUC14130     | 14                       | 16                          | 130                | 30                         | 85                           | 95                  | 20            |
| TUC14150     | 14                       | 16                          | 150                | 50                         | 85                           | 95                  | 15            |
| TUC16105     | 16                       | 18                          | 105                | 5                          | 100                          | 115                 | 15            |
| TUC16150     | 16                       | 18                          | 150                | 50                         | 100                          | 115                 | 10            |
| TUC16200     | 16                       | 18                          | 200                | 100                        | 100                          | 115                 | 10            |

**Concrete Bolt Rod Hanger - ETA Approved**

(Steel white zinc plated)

| Product Code | Drill Hole Diameter (mm) | Anchor Thread Diameter (mm) | Anchor Length (mm) | Inner Thread Diameter (mm) | Min.Hole Depth (mm) | Hex Head Dia A/F (mm) | Box Packaging |
|--------------|--------------------------|-----------------------------|--------------------|----------------------------|---------------------|-----------------------|---------------|
| TUC63508RH   | 6                        | 7.5                         | 35                 | 8                          | 30                  | 13                    | 100           |
| TUC65508RH   | 6                        | 7.5                         | 55                 | 8                          | 50                  | 13                    | 100           |
| TUC63510RH   | 6                        | 7.5                         | 35                 | 10                         | 30                  | 13                    | 100           |
| TUC65510RH   | 6                        | 7.5                         | 55                 | 10                         | 50                  | 13                    | 100           |



## Concrete Bolt Hex Flange Head Option 1 - Crack Approved &amp; Seismic C1 &amp; C2

(Steel white zinc plated)

| Product Code | Drill Hole Diameter (mm) | Anchor Thread Diameter (mm) | Anchor Length (mm) | Max.Fixture Thickness (mm) | Nominal Embedment Depth (mm) | Min.Hole Depth (mm) | Box Packaging |
|--------------|--------------------------|-----------------------------|--------------------|----------------------------|------------------------------|---------------------|---------------|
| TAB06035+    | 6                        | 8                           | 35                 | -                          | 44                           | 50                  | 100           |
| TAB06040+    | 6                        | 8                           | 40                 | -                          | 44                           | 50                  | 100           |
| TAB06050+    | 6                        | 8                           | 50                 | 6                          | 44                           | 50                  | 100           |
| TAB06060+    | 6                        | 8                           | 60                 | 16                         | 44                           | 50                  | 100           |
| TAB06075+    | 6                        | 8                           | 75                 | 31                         | 44                           | 50                  | 100           |
| TAB06100+    | 6                        | 8                           | 100                | 56                         | 44                           | 50                  | 100           |
| TAB06120+    | 6                        | 8                           | 120                | 76                         | 44                           | 50                  | 100           |
| TAB06150+    | 6                        | 8                           | 150                | 106                        | 44                           | 50                  | 100           |
| TAB08060+    | 8                        | 10                          | 60                 | 10                         | 50                           | 60                  | 100           |
| TAB08075+    | 8                        | 10                          | 75                 | 25                         | 50                           | 60                  | 100           |
| TAB08100+    | 8                        | 10                          | 100                | 50                         | 50                           | 60                  | 100           |
| TAB08120+    | 8                        | 10                          | 120                | 70                         | 50                           | 60                  | 50            |
| TAB08130+    | 8                        | 10                          | 130                | 80                         | 50                           | 60                  | 50            |
| TAB08150+    | 8                        | 10                          | 150                | 100                        | 50                           | 60                  | 50            |
| TAB10060+    | 10                       | 12                          | 60                 | 5                          | 55                           | 65                  | 50            |
| TAB10075+    | 10                       | 12                          | 75                 | 10                         | 55                           | 65                  | 50            |
| TAB10100+    | 10                       | 12                          | 100                | 35                         | 55                           | 65                  | 50            |
| TAB10120+    | 10                       | 12                          | 120                | 55                         | 55                           | 65                  | 25            |
| TAB10150+    | 10                       | 12                          | 150                | 85                         | 55                           | 65                  | 25            |
| TAB12075+    | 12                       | 14                          | 75                 | -                          | 65                           | 75                  | 50            |
| TAB12100+    | 12                       | 14                          | 100                | 35                         | 65                           | 75                  | 50            |
| TAB12130+    | 12                       | 14                          | 130                | 45                         | 65                           | 75                  | 25            |
| TAB12150+    | 12                       | 14                          | 150                | 65                         | 65                           | 75                  | 15            |
| TAB14100+    | 14                       | 16                          | 100                | 15                         | 85                           | 95                  | 25            |
| TAB14130+    | 14                       | 16                          | 130                | 30                         | 85                           | 95                  | 20            |
| TAB14150+    | 14                       | 16                          | 150                | 50                         | 85                           | 95                  | 15            |
| TAB16105+    | 16                       | 18                          | 105                | 5                          | 100                          | 115                 | 15            |
| TAB16150+    | 16                       | 18                          | 150                | 50                         | 100                          | 115                 | 10            |
| TAB16200+    | 16                       | 18                          | 200                | 100                        | 100                          | 115                 | 10            |



### Concrete Bolt Hex Flange Head Option 7 - Non-Crack Approved

(Mechanical Galvanised)

| Product Code | Drill Hole Diameter (mm) | Anchor Thread Diameter (mm) | Anchor Length (mm) | Max.Fixture Thickness (mm) | Hex Head Dia A/F (mm) | Box Packaging |
|--------------|--------------------------|-----------------------------|--------------------|----------------------------|-----------------------|---------------|
| TAB06050FG   | 6                        | 8                           | 50                 | 20                         | 10                    | 100           |
| TAB06075FG   | 6                        | 8                           | 75                 | 45                         | 10                    | 100           |
| TAB06100FG   | 6                        | 8                           | 100                | 70                         | 10                    | 100           |
| TAB06130FG   | 6                        | 8                           | 130                | 100                        | 10                    | 100           |
| TAB06150FG   | 6                        | 8                           | 150                | 120                        | 10                    | 100           |
| TAB08060FG   | 8                        | 10                          | 60                 | 20                         | 13                    | 100           |
| TAB08075FG   | 8                        | 10                          | 75                 | 35                         | 13                    | 50            |
| TAB08100FG   | 8                        | 10                          | 100                | 60                         | 13                    | 50            |
| TAB10060FG   | 10                       | 12                          | 60                 | 10                         | 17                    | 50            |
| TAB10075FG   | 10                       | 12                          | 75                 | 25                         | 17                    | 50            |
| TAB10100FG   | 10                       | 12                          | 100                | 50                         | 17                    | 50            |
| TAB10125FG   | 10                       | 12                          | 125                | 75                         | 17                    | 50            |
| TAB10140FG   | 10                       | 12                          | 140                | 90                         | 17                    | 25            |
| TAB10150FG   | 10                       | 12                          | 150                | 100                        | 17                    | 25            |
| TAB12075FG   | 12                       | 14                          | 75                 | 20                         | 19                    | 50            |
| TAB12100FG   | 12                       | 14                          | 100                | 45                         | 19                    | 25            |
| TAB12120FG   | 12                       | 14                          | 120                | 65                         | 19                    | 25            |
| TAB12130FG   | 12                       | 14                          | 130                | 75                         | 19                    | 25            |
| TAB12150FG   | 12                       | 14                          | 150                | 95                         | 19                    | 25            |
| TAB14100FG   | 14                       | 16                          | 100                | -                          | 21                    | 20            |
| TAB14130FG   | 14                       | 16                          | 130                | 30                         | 21                    | 20            |
| TAB14150FG   | 14                       | 16                          | 150                | 50                         | 21                    | 20            |
| TAB16100FG   | 16                       | 18                          | 100                | -                          | 24                    | 10            |
| TAB16150FG   | 16                       | 18                          | 150                | 30                         | 24                    | 10            |
| TAB16200FG   | 16                       | 18                          | 200                | 50                         | 24                    | 10            |

Also Available in Zinc Plating.



### Concrete Bolt Rod Hanger - ETA Approved

| Product Code | Drill Hole Diameter (mm) | Anchor Thread Diameter (mm) | Anchor Length (mm) | Inner Thread Diameter (mm) | Min.Hole Depth (mm) | Hex Head Dia A/F (mm) | Box Packaging |
|--------------|--------------------------|-----------------------------|--------------------|----------------------------|---------------------|-----------------------|---------------|
| TAB635810    | 6                        | 7.5                         | 35                 | 8/10                       | 30                  | 13                    | 100           |
| TAB655810    | 6                        | 7.5                         | 55                 | 8/10                       | 50                  | 13                    | 100           |
| TAB635M8     | 6                        | 7.5                         | 35                 | 8                          | 30                  | 13                    | 100           |
| TAB655M8     | 6                        | 7.5                         | 55                 | 8                          | 50                  | 13                    | 100           |
| TAB635M10    | 6                        | 7.5                         | 35                 | 10                         | 30                  | 13                    | 100           |
| TAB655M10    | 6                        | 7.5                         | 55                 | 10                         | 50                  | 13                    | 100           |

**Sleeve Anchor - Hex Nut**  
(Steel White Zinc Plated)

| Product Code | Drill Hole Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|--------------------|-----------------------------|----------------------|-------------|---------------|
| TS06026      | 6                        | 26                 | 5                           | 25                   | 100         | 1200          |
| TS06040      | 6                        | 40                 | 8                           | 30                   | 100         | 1200          |
| TS06060      | 6                        | 60                 | 28                          | 30                   | 100         | 1200          |
| TS08040      | 8                        | 40                 | 8                           | 40                   | 100         | 1200          |
| TS08065      | 8                        | 65                 | 30                          | 40                   | 50          | 600           |
| TS08090      | 8                        | 90                 | 55                          | 40                   | 50          | 600           |
| TS10040      | 10                       | 40                 | 6                           | 40                   | 50          | 600           |
| TS10050      | 10                       | 50                 | 10                          | 45                   | 50          | 600           |
| TS10075      | 10                       | 75                 | 35                          | 45                   | 50          | 400           |
| TS10100      | 10                       | 100                | 60                          | 45                   | 50          | 400           |
| TS10125      | 10                       | 125                | 85                          | 45                   | 50          | 400           |
| TS12060      | 12                       | 60                 | 15                          | 55                   | 50          | 300           |
| TS12075      | 12                       | 75                 | 20                          | 55                   | 50          | 300           |
| TS12100      | 12                       | 100                | 50                          | 55                   | 25          | 200           |
| TS12125      | 12                       | 125                | 75                          | 55                   | 25          | 200           |
| TS16065      | 16                       | 65                 | 15                          | 60                   | 25          | 125           |
| TS16110      | 16                       | 110                | 55                          | 60                   | 10          | 50            |
| TS16145      | 16                       | 145                | 85                          | 60                   | 10          | 50            |
| TS20080      | 20                       | 80                 | 20                          | 65                   | 10          | 50            |
| TS20115      | 20                       | 115                | 55                          | 65                   | 10          | 50            |
| TS20160      | 20                       | 160                | 100                         | 65                   | 10          | 50            |

**Sleeve Anchor - Hex Bolt - 5.8 grade**  
(Steel White Zinc Plated)

| Product Code | Drill Hole Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|--------------------|-----------------------------|----------------------|-------------|---------------|
| TS08045H     | 8                        | 45                 | 8                           | 40                   | 100         | 1200          |
| TS08070H     | 8                        | 70                 | 30                          | 40                   | 50          | 600           |
| TS08090H     | 8                        | 90                 | 50                          | 40                   | 50          | 600           |
| TS10055H     | 10                       | 55                 | 10                          | 45                   | 50          | 600           |
| TS10080H     | 10                       | 80                 | 35                          | 45                   | 50          | 400           |
| TS10100H     | 10                       | 100                | 60                          | 45                   | 50          | 400           |
| TS12065H     | 12                       | 65                 | 1                           | 55                   | 50          | 300           |
| TS12080H     | 12                       | 80                 | 25                          | 60                   | 50          | 300           |
| TS12100H     | 12                       | 100                | 45                          | 60                   | 20          | 160           |
| TS16075H     | 16                       | 75                 | 15                          | 60                   | 25          | 125           |
| TS16110H     | 16                       | 110                | 55                          | 65                   | 10          | 50            |

**Sleeve Anchor - Hook and Eye Bolts**  
(Steel White Zinc Plated)

| Product Code | Drill Hole Diameter (mm) | Inner Diameter (mm) | Type of Head | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|---------------------|--------------|----------------------|-------------|---------------|
| TS08045X     | 8                        | 8                   | Eyelet       | 45                   | 100         | 800           |
| TS08045K     | 8                        | 11                  | Hook         | 45                   | 100         | 800           |



**Shield Anchor - Shield Only**

(Steel White Zinc Plated)



| Product Code | Drill Hole Diameter (mm) | Anchor Length (mm) | Thread Diameter (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|--------------------|----------------------|----------------------|-------------|---------------|
| TSA06        | 12                       | 45                 | M6                   | 50                   | 200         | 800           |
| TSA08        | 14                       | 50                 | M8                   | 55                   | 100         | 400           |
| TSA10        | 16                       | 60                 | M10                  | 65                   | 100         | 400           |
| TSA12        | 20                       | 70                 | M12                  | 85                   | 50          | 200           |
| TSA16        | 25                       | 95                 | M16                  | 125                  | 25          | 100           |

**Shield Anchor - Loose Bolt**

(Steel White Zinc Plated)



| Product Code | Drill Hole Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|--------------------|-----------------------------|----------------------|-------------|---------------|
| TSA0610L     | 12                       | 45                 | 10                          | 50                   | 50          | 600           |
| TSA0810L     | 14                       | 50                 | 10                          | 55                   | 50          | 450           |
| TSA0825L     | 14                       | 50                 | 25                          | 55                   | 50          | 300           |
| TSA1010L     | 16                       | 60                 | 10                          | 65                   | 50          | 200           |
| TSA1025L     | 16                       | 60                 | 25                          | 65                   | 50          | 200           |
| TSA1050L     | 16                       | 60                 | 50                          | 65                   | 50          | 200           |
| TSA1210L     | 20                       | 75                 | 10                          | 85                   | 25          | 150           |
| TSA1225L     | 20                       | 75                 | 25                          | 85                   | 25          | 100           |

**Shield Anchor - Eye & Hook**

(Steel White Zinc Plated)



| Product Code | Thread Size (mm) | Drill Hole Diameter (mm) | Min. Hole depth (mm) | Anchor Length (mm) | Box Packing | Outer Packing |
|--------------|------------------|--------------------------|----------------------|--------------------|-------------|---------------|
| TSAH06       | 6                | 12                       | 50                   | 45                 | 50          | 600           |
| TSAH08       | 8                | 14                       | 55                   | 50                 | 50          | 300           |
| TSAH10       | 10               | 16                       | 65                   | 60                 | 50          | 200           |
| TSAH12       | 12               | 20                       | 85                   | 70                 | 25          | 100           |
| TSAE06       | 6                | 12                       | 50                   | 45                 | 50          | 600           |
| TSAE08       | 8                | 14                       | 55                   | 50                 | 50          | 300           |
| TSAE10       | 10               | 16                       | 65                   | 60                 | 50          | 200           |
| TSAE12       | 12               | 20                       | 85                   | 70                 | 50          | 200           |



### Drop-in Anchor - Non Lipped

(Steel White Zinc Plated)



| Product Code | Thread Diameter (mm) | Drill Hole Diameter (mm) | Anchor Length (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|----------------------|--------------------------|--------------------|----------------------|-------------|---------------|
| TDA06        | 6                    | 8                        | 25                 | 25                   | 100         | 2000          |
| TDA08        | 8                    | 10                       | 30                 | 33                   | 100         | 2000          |
| TDA10        | 10                   | 12                       | 40                 | 43                   | 50          | 1000          |
| TDA12        | 12                   | 16                       | 50                 | 54                   | 50          | 500           |
| TDA16        | 16                   | 20                       | 65                 | 70                   | 25          | 200           |
| TDA20        | 20                   | 25                       | 80                 | 85                   | 25          | 100           |



### Drop-in Anchor - Lipped

(Steel White Zinc Plated)



| Product Code | Thread Diameter (mm) | Drill Hole Diameter (mm) | Anchor Length (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|----------------------|--------------------------|--------------------|----------------------|-------------|---------------|
| TDA08L       | 8                    | 10                       | 30                 | 33                   | 100         | 2000          |
| TDA10LS      | 10                   | 12                       | 30                 | 33                   | 50          | 1000          |
| TDA10L       | 10                   | 12                       | 40                 | 43                   | 50          | 1000          |
| TDA12L       | 12                   | 16                       | 50                 | 54                   | 50          | 500           |
| TDA16L       | 16                   | 20                       | 65                 | 70                   | 25          | 200           |

### Drop-in Anchor - Short Lipped

|         |    |    |    |    |    |      |
|---------|----|----|----|----|----|------|
| TDA08SH | 8  | 10 | 25 | 28 | 50 | 2000 |
| TDA10SH | 10 | 12 | 25 | 28 | 50 | 1000 |
| TDA12SH | 12 | 16 | 25 | 28 | 25 | 500  |

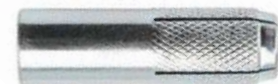


### Drop-In Anchor

(Stainless Steel A4-316)



| Product Code | Thread Diameter (mm) | Drill Hole Diameter (mm) | Anchor Length (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|----------------------|--------------------------|--------------------|----------------------|-------------|---------------|
| TDA08SS      | 8                    | 10                       | 30                 | 30                   | 100         | 2000          |
| TDA10SS      | 10                   | 12                       | 40                 | 40                   | 50          | 1000          |
| TDA12SS      | 12                   | 16                       | 50                 | 50                   | 50          | 500           |



### Drop-in Anchor - Knurled

(Steel White Zinc Plated)



| Product Code | Thread Diameter (mm) | Drill Hole Diameter (mm) | Anchor Length (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|----------------------|--------------------------|--------------------|----------------------|-------------|---------------|
| TDK06        | 6                    | 8                        | 25                 | 28                   | 100         | 2000          |
| TDK08        | 8                    | 10                       | 30                 | 33                   | 100         | 2000          |
| TDK10        | 10                   | 12                       | 40                 | 43                   | 50          | 1000          |
| TDK12        | 12                   | 16                       | 50                 | 54                   | 50          | 500           |
| TDK16        | 16                   | 20                       | 65                 | 70                   | 25          | 200           |



## Undercut Anchors - Expansion Type

(Stainless Steel A4-316)



| Product Code   | Panel Thickness (mm) | Implantation Depth (mm) | Dimensions (mm) | Box Packing | Outer Packing |
|----------------|----------------------|-------------------------|-----------------|-------------|---------------|
| T-PEQ/A4 M6*30 | 25                   | 12                      | 11/13           | 200         | 1200          |
| T-PEQ/A4 M6*35 | 30                   | 15                      | 11/13           | 200         | 1200          |
| T-PEQ/A4 M6*40 | 35                   | 20                      | 11/13           | 150         | 900           |
| T-PEQ/A4 M8*35 | 30                   | 15                      | 13/15           | 150         | 900           |
| T-PEQ/A4 M8*40 | 35                   | 20                      | 13/15           | 100         | 900           |
| T-PEQ/A4 M8*50 | 40                   | 25                      | 13/15           | 100         | 900           |
| T-PEQ/A4 M8*50 | 50                   | 30                      | 13/15           | 100         | 900           |



## Undercut Anchors - Perfect Type

(Stainless Steel A4-316)



| Product Code  | Panel Thickness (mm) | Implantation Depth (mm) | Nut Diameter (mm) | Box Packing | Outer Packing |
|---------------|----------------------|-------------------------|-------------------|-------------|---------------|
| T-PEA/A4 M612 | 20                   | 12                      | 12                | 500         | 3000          |
| T-PEA/A4 M615 | 25                   | 15                      | 15                | 450         | 2700          |
| T-PEA/A4 M620 | 30                   | 20                      | 20                | 400         | 2400          |
| T-PEA/A4 M625 | 40                   | 25                      | 25                | 400         | 2400          |
| T-PEA/A4 M630 | 50                   | 30                      | 30                | 300         | 1800          |
| T-PEA/A4 M810 | 12                   | 10                      | 10                | 400         | 2400          |
| T-PEA/A4 M812 | 15                   | 12                      | 12                | 300         | 1800          |
| T-PEA/A4 M815 | 20                   | 15                      | 15                | 300         | 1800          |
| T-PEA/A4 M820 | 30                   | 20                      | 20                | 250         | 1500          |
| T-PEA/A4 M830 | 50                   | 30                      | 30                | 150         | 900           |



## Undercut Anchors - Super Type

(Stainless Steel A4-316)



| Product Code     | Panel Thickness (mm) | Implantation Depth (mm) | Nut Diameter (mm) | Box Packing | Outer Packing |
|------------------|----------------------|-------------------------|-------------------|-------------|---------------|
| T-PST/A4 M10 *15 | 50                   | 20                      | 20                | 150         | 900           |
| T-PST/A4 M10 *20 | 80                   | 30                      | 20                | 120         | 720           |
| T-PST/A4 M10 *30 | 100<T<200            | 40                      | 20                | 100         | 600           |
| T-PST/A4 M10 *40 | 200^T                | 50                      | 20                | 100         | 600           |



## Curtain wall Drill Bits for TUA



| Product Code | Drill Depth (mm) | Drill Dimensions (mm) | Box Packing |
|--------------|------------------|-----------------------|-------------|
| TUADB6       | 6                | 7/9                   | 1           |
| TUADB8       | 8                | 9/11                  | 1           |
| TUADB15      | 15               | 11/13                 | 1           |
| TUADB20      | 20               | 11/13                 | 1           |
| TUADB15B     | 15               | 13/15                 | 1           |
| TUADB20B     | 20               | 13/15                 | 1           |
| TUADB35      | 35               | 14/16                 | 1           |
| TUADB40      | 40               | 14/16                 | 1           |
| TUADB45      | 45               | 14/16                 | 1           |

\*Hole Detection tools and Setting punches also available, both manual and automatic installation

### TCM 300/420 MS PRO - Polyester With Styrene

- Suitable for medium loads low duty and non-critical applications.
- Fast working times for early loading in time sensitive applications.
- Use in outdoor environments and fixing holes.
- Extremely versatile in masonry, hollow, aerated concrete.
- 10:1 resin available in a variety of cartridge types.



POLYESTER  
UNIVERSAL 10:1

| Product Code | Recommended Type of Substrate | Capacity (ml) | Box Packaging | For Use with: |
|--------------|-------------------------------|---------------|---------------|---------------|
| TCM300MS PRO | Concrete, Stone               | 300           | 12            | TCM300MTP     |
| TCM420MS PRO | Concrete, Stone               | 420           | 12            | TCM420MTP     |



### TCM 300/420 M PRO - Polyester Styrene Free

- Suitable for medium loads for non-critical applications.
- Fast working times for early loading in time sensitive applications.
- No styrene allows for use indoors and in enclosed spaces.
- Use in damp & wet environments and fixing holes.
- Extremely versatile in masonry, hollow, aerated concrete.
- 10:1 resin available in a variety of cartridge types



POLYESTER UNIVERSAL  
STYRENE FREE 10:1

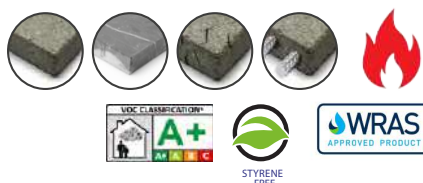
| Product Code | Recommended Type of Substrate | Capacity (ml) | Box Packaging | For Use with: |
|--------------|-------------------------------|---------------|---------------|---------------|
| TCM300M PRO  | Concrete, Stone               | 300           | 12            | TCM300MTP     |
| TCM420M PRO  | Concrete, Stone               | 420           | 12            | TCM420MTP     |



### Number of Fixings per Cartridge

| Anchor Diameter (mm) | Drill Hole Diameter (mm) | Hole Depth (mm) | Resin Capacity/number of holes |        |        |
|----------------------|--------------------------|-----------------|--------------------------------|--------|--------|
|                      |                          |                 | 420 ml                         | 400 ml | 300 ml |
| 8                    | 12                       | 80              | 112                            | 108    | 81     |
| 10                   | 12                       | 90              | 80                             | 78     | 58     |
| 12                   | 14                       | 110             | 56                             | 54     | 40     |
| 16                   | 18                       | 125             | 37                             | 36     | 27     |
| 20                   | 24                       | 170             | 10                             | 10     | 7      |
| 24                   | 28                       | 210             | 7                              | 7      | 5      |
| 30                   | 35                       | 280             | 3,5                            | 3      | 3      |

### TCM 420 PRO + - Vinylster Styrene Free



- Suitable for high loads within standard annulus and embedments.
- Fast working times for early loading in time sensitive applications.
- No styrene allows for use indoors and in enclosed spaces.
- Use in wet or flooded environments and fixing holes.
- High durability, resistance to chemicals.
- Used for studs and rebar.
- 10:1 resin available in a variety of cartridge types.
- Fixings in concrete, wood, or other high strength material

| Product Code | Recommended Type of Substrate | Capacity (ml) | Box Packaging | For Use with: |
|--------------|-------------------------------|---------------|---------------|---------------|
| TCM300 PRO + | Concrete, Stone               | 300           | 12            | TCM300MTP     |
| TCM420 PRO + | Concrete, Stone               | 420           | 12            | TCM420MTP     |



VINYLESTER  
STYRENE FREE 10:1



### TCM 300/420A - Arctic



- Suitable for medium loads for non-critical applications.
- Fast working times for early loading in time sensitive applications.
- Use in extremely cold environments and fixing holes.
- Extremely versatile in masonry, hollow, aerated concrete.
- Crack and gap filling repairs in concrete vertical or horizontal.
- 10:1 resin available in a variety of cartridge types

| Product Code | Recommended Type of Substrate | Capacity (ml) | Box Packaging | For Use with: |
|--------------|-------------------------------|---------------|---------------|---------------|
| TCM300 A     | Concrete, Stone               | 300           | 12            | TCM300MTP     |
| TCM420 A     | Concrete, Stone               | 420           | 12            | TCM420MTP     |



ARCTIC EPOXY ACRYLATE  
STYRENE FREE 10:1



- Arctic working temperature up to -18C

### TCM FX Pure Epoxy



- Suitable for high loads featuring large diameters and deep embedment.
- Longer working times make it suitable for large holes, and high temperatures.
- No shrinkage, good for large diameter fixings.
- High durability, resistance to chemicals.
- Used for diamond drilled holes.
- Solvent free resin.
- Fixings in concrete, wood, or other high strength materials.

| Product Code | Recommended Type of Substrate | Capacity (ml) | Box Packaging | For Use with: |
|--------------|-------------------------------|---------------|---------------|---------------|
| TCMFX        | Concrete, Stone               | 585           | 10            | TCM585MT      |



PURE EPOXY  
STYRENE FREE



## HEAVY LOADS



PURE EPOXY  
STYRENE FREE

### TCM 100 - Pure Epoxy 1:1

- Suitable for high loads featuring large diameters and deep embedments.
- Longer working times make it suitable for larger holes and high temperatures
- No shrinkage, good for large diameter
- Use in wet or flooded environments and fixing holes, or underwater.
- High durability, resistance to chemicals.
- Used for diamond drilled holes
- Solvent free resin.
- Fixings in concrete, wood, or other high strength materials.



| Product Code | Recommended Type of Substrate | Capacity (ml) | Box Packaging | For Use with: |
|--------------|-------------------------------|---------------|---------------|---------------|
| TCM100400    | Concrete, Stone               | 400           | 10            | TCM400MTP     |
| TCM100600    | Concrete, Stone               | 600           | 10            | TCM600MTP     |



## HEAVY LOADS



PURE EPOXY  
STYRENE FREE

### TCM 500 - Pure Epoxy 3:1

- C1/C2 Seismic Approval
- Suitable for high loads featuring large diameters and deep embedment.
- Longer working times make it suitable for large holes, and high temperatures.
- No shrinkage, good for large diameter fixings.
- Use in wet or flooded environments and fixing holes, or underwater.
- High durability, resistance to chemicals.
- Used for diamond drilled holes.
- Solvent free resin.
- Fixings in concrete, wood, or other high strength materials.



| Product Code | Recommended Type of Substrate | Capacity (ml) | Box Packaging | For Use with: |
|--------------|-------------------------------|---------------|---------------|---------------|
| TCM500385    | Concrete, Stone               | 385           | 10            | TCM385MT      |
| TCM500585    | Concrete, Stone               | 585           | 10            | TCM585MT      |



## DesignFix®

Utilizing DesignFIX software in conjunction with Trutek's construction chemical mortar offers a host of advantages in the field of construction. The software, tailored to specific design requirements, ensures precise calculations and optimal material utilization, thereby enhancing the overall efficiency of construction projects.

Trutek's construction chemical mortar, known for its high-quality and durable composition, complements this process by providing a reliable bonding solution that enhances structural integrity. The seamless integration of DesignFIX software and Trutek's mortar not only streamlines the planning phase but also promotes cost-effectiveness and sustainability, as it minimizes waste and maximizes the performance of the construction materials. This synergy results in a construction process that is not only technologically advanced but also robust and environmentally conscious.

for more information on DesignFIX please contact us on below:

[info@trutekfixings.co.uk](mailto:info@trutekfixings.co.uk)



TCM300MTP - Resin Extusion Tool

Product Code

For Use with Cartridge capacity (ml)

Bag Packing

Carton Packing

TCM300MTP

All 300ml single cartridges

1

12



TCM420MTP - Resin Extusion Tool

Product Code

For Use with Cartridge capacity (ml)

Bag Packing

Carton Packing

TCM420MTP

All 420ml single cartridges

1

10



TCM400MTP - Resin Extusion Tool

Product Code

For Use with Cartridge capacity (ml)

Bag Packing

Carton Packing

TCM400MTP

All 400ml 1:1 (side by side) cartridges

1

5



TCM585MT - Resin Extusion Tool

Product Code

For Use with Cartridge capacity (ml)

Bag Packing

Carton Packing

TCM585MT

All 385+585ml 3:1 (side by side) cartridges

1

5



TCM300XTP - Resin Extrusion Tool

Product Code

For Use with Cartridge capacity (ml)

Bag Packing

Carton Packing

TCM300XTP

All 300ml single cartridges

1

12



TCM420XTP - Resin Extrusion Tool

Product Code

For Use with Cartridge capacity (ml)

Bag Packing

Carton Packing

TCM420XTP

All 420ml single cartridges

1

10





### Glass Spin-In Capsules Epoxy Acrylate ETA Option 7 – Non Crack Approved



| Product Code | Drill Hole Diameter (mm) | Thread Diameter (mm) | Capsule Length (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|----------------------|---------------------|----------------------|-------------|---------------|
| TSC08        | 10                       | 8                    | 110                 | 80                   | 10          | 500           |
| TSC10        | 12                       | 10                   | 130                 | 90                   | 10          | 500           |
| TSC12        | 14                       | 12                   | 160                 | 110                  | 10          | 200           |
| TSC16        | 18                       | 16                   | 190                 | 125                  | 10          | 200           |
| TSC20        | 25                       | 20                   | 260                 | 170                  | 6           | 60            |
| TSC24        | 28                       | 24                   | 300                 | 210                  | 6           | 60            |



### Glass Spin-In Capsules Vinylester Styrene Free- ETA Option 1 – Crack Approved



| Product Code | Drill Hole Diameter (mm) | Thread Diameter (mm) | Capsule Length (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|----------------------|---------------------|----------------------|-------------|---------------|
| TSC08V       | 10                       | 9                    | 85                  | 85                   | 10          | 500           |
| TSC10V       | 12                       | 11                   | 85                  | 85                   | 10          | 500           |
| TSC12V       | 14                       | 13                   | 95                  | 110                  | 10          | 500           |
| TSC14V       | 16                       | 15                   | 98                  | 120                  | 10          | 500           |
| TSC16V       | 18                       | 17                   | 98                  | 125                  | 10          | 500           |
| TSC20V       | 24                       | 22                   | 175                 | 180                  | 6           | 120           |
| TSC22V       | 26                       | 22                   | 185                 | 190                  | 6           | 120           |
| TSC24V       | 28                       | 24                   | 210                 | 210                  | 6           | 126           |
| TSC27V       | 32                       | 27                   | 250                 | 265                  | 2           | 28            |
| TSC30V       | 35                       | 30                   | 265                 | 280                  | 2           | 28            |



### Glass Hammer-In Capsules Vinylester

| Product Code | Drill Hole Diameter (mm) | Thread Diameter (mm) | Capsule Length (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|----------------------|---------------------|----------------------|-------------|---------------|
| THC08V       | 10                       | 9                    | 85                  | 85                   | 10          | 500           |
| THC10V       | 13                       | 11                   | 85                  | 85                   | 10          | 500           |
| THC12V       | 15                       | 13                   | 95                  | 110                  | 10          | 500           |
| THC14V       | 18                       | 15                   | 98                  | 120                  | 10          | 500           |
| THC16V       | 20                       | 17                   | 98                  | 125                  | 10          | 500           |
| THC20V       | 24                       | 22                   | 175                 | 180                  | 6           | 120           |
| THC22V       | 26                       | 22                   | 185                 | 190                  | 6           | 120           |
| THC24V       | 28                       | 24                   | 210                 | 210                  | 6           | 126           |
| THC27V       | 32                       | 27                   | 250                 | 265                  | 2           | 28            |
| THC30V       | 35                       | 30                   | 265                 | 280                  | 2           | 28            |



### Chemical Stud Anchor 5.8 Grade Steel

(Steel White Zinc Plated)

| Product Code | Drill Hole Diameter (mm) | Thread Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|----------------------|--------------------|-----------------------------|----------------------|-------------|---------------|
| TCS08110     | 10                       | 8                    | 110                | 18                          | 80                   | 10          | 200           |
| TCS10130     | 12                       | 10                   | 130                | 25                          | 90                   | 10          | 200           |
| TCS12160     | 14                       | 12                   | 160                | 34                          | 110                  | 10          | 80            |
| TCS16190     | 18                       | 16                   | 190                | 45                          | 125                  | 10          | 80            |
| TCS20260     | 25                       | 20                   | 260                | 55                          | 170                  | 10          | 30            |
| TCS24300     | 28                       | 24                   | 300                | 55                          | 210                  | 5           | 30            |



### Chemical Stud Anchor 8.8 Grade Steel

(Steel White Zinc Plated)

| Product Code | Drill Hole Diameter (mm) | Thread Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|----------------------|--------------------|-----------------------------|----------------------|-------------|---------------|
| TCS08110_8.8 | 10                       | 8                    | 110                | 18                          | 80                   | 10          | 200           |
| TCS10130_8.8 | 12                       | 10                   | 130                | 25                          | 90                   | 10          | 200           |
| TCS12160_8.8 | 14                       | 12                   | 160                | 34                          | 110                  | 10          | 80            |
| TCS16190_8.8 | 18                       | 16                   | 190                | 45                          | 125                  | 10          | 80            |
| TCS20260_8.8 | 25                       | 20                   | 260                | 55                          | 170                  | 10          | 30            |
| TCS24300_8.8 | 28                       | 24                   | 300                | 55                          | 210                  | 5           | 30            |



### Chemical Stud Anchor 5.8 Grade Steel

(Steel Hot-dip Galvanized)

| Product Code | Drill Hole Diameter (mm) | Thread Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|----------------------|--------------------|-----------------------------|----------------------|-------------|---------------|
| TCS08110G    | 10                       | 8                    | 110                | 18                          | 80                   | 10          | 200           |
| TCS10130G    | 12                       | 10                   | 130                | 25                          | 90                   | 10          | 200           |
| TCS12160G    | 14                       | 12                   | 160                | 34                          | 110                  | 10          | 90            |
| TCS16190G    | 18                       | 16                   | 190                | 45                          | 125                  | 10          | 90            |
| TCS20260G    | 25                       | 20                   | 260                | 55                          | 170                  | 10          | 40            |
| TCS24300G    | 28                       | 24                   | 300                | 55                          | 210                  | 5           | 20            |



### Chemical Stud Anchor 8.8 Grade Steel

(Steel Hot-dip Galvanized)

| Product Code  | Drill Hole Diameter (mm) | Thread Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|---------------|--------------------------|----------------------|--------------------|-----------------------------|----------------------|-------------|---------------|
| TCS08110G_8.8 | 10                       | 8                    | 110                | 18                          | 80                   | 10          | 200           |
| TCS10130G_8.8 | 12                       | 10                   | 130                | 25                          | 90                   | 10          | 200           |
| TCS12160G_8.8 | 14                       | 12                   | 160                | 34                          | 110                  | 10          | 90            |
| TCS16190G_8.8 | 18                       | 16                   | 190                | 45                          | 125                  | 10          | 90            |
| TCS20260G_8.8 | 25                       | 20                   | 260                | 55                          | 170                  | 10          | 40            |
| TCS24300G_8.8 | 28                       | 24                   | 300                | 55                          | 210                  | 5           | 20            |



### Chemical Stud Anchor A4-316

(Stainless Steel A4-316)

| Product Code  | Drill Hole Diameter (mm) | Thread Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|---------------|--------------------------|----------------------|--------------------|-----------------------------|----------------------|-------------|---------------|
| TCS08110SS-A4 | 10                       | 8                    | 110                | 18                          | 80                   | 10          | -             |
| TCS10130SS-A4 | 12                       | 10                   | 130                | 25                          | 90                   | 10          | -             |
| TCS12160SS-A4 | 14                       | 12                   | 160                | 34                          | 110                  | 10          | -             |
| TCS16190SS-A4 | 18                       | 16                   | 190                | 45                          | 125                  | 10          | -             |
| TCS20260SS-A4 | 25                       | 20                   | 260                | 55                          | 170                  | 10          | -             |
| TCS24300SS-A4 | 28                       | 24                   | 300                | 55                          | 210                  | 5           | -             |
| TCS30380SS-A4 | 35                       | 30                   | 380                | 70                          | 280                  | 5           | -             |



### Chemical Stud Anchor A2-304

(Stainless Steel A4-316)

| Product Code  | Drill Hole Diameter (mm) | Thread Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|---------------|--------------------------|----------------------|--------------------|-----------------------------|----------------------|-------------|---------------|
| TCS08110SS-A2 | 10                       | 8                    | 110                | 18                          | 80                   | 10          | -             |
| TCS10130SS-A2 | 12                       | 10                   | 130                | 25                          | 90                   | 10          | -             |
| TCS12160SS-A2 | 14                       | 12                   | 160                | 34                          | 110                  | 10          | -             |
| TCS16190SS-A2 | 18                       | 16                   | 190                | 45                          | 125                  | 10          | -             |
| TCS20260SS-A2 | 25                       | 20                   | 260                | 55                          | 170                  | 10          | -             |
| TCS24300SS-A2 | 28                       | 24                   | 300                | 55                          | 210                  | 5           | -             |
| TCS30380SS-A2 | 35                       | 30                   | 380                | 70                          | 280                  | 5           | -             |



### Internally threaded sleeve

(Steel)

| Product Code | Thread Diameter (mm) | Outer Diameter of Sleeve (mm) | Drill Hole Diameter (mm) | Sleeve Length (mm) | Box Packing | Outer Packing |
|--------------|----------------------|-------------------------------|--------------------------|--------------------|-------------|---------------|
| TIS06        | 6                    | 8                             | 10                       | 50                 | 100         | 1000          |
| TIS08        | 8                    | 12                            | 12                       | 80                 | 50          | 500           |
| TIS10        | 10                   | 14                            | 16                       | 80                 | 50          | 250           |
| TIS12        | 12                   | 16                            | 18                       | 80                 | 25          | 25            |



### Hole Cleaning Brushes & Blow out Pump

| Product Code | For use with Drill Hole Diameter (mm) | Working length of Brush (mm) | Overall Length (mm) | Description            |
|--------------|---------------------------------------|------------------------------|---------------------|------------------------|
| TCB13        | 08-12                                 | 80                           | 300                 | Steel Brush            |
| TCB18        | 13-18                                 | 80                           | 300                 | Steel Brush            |
| TCB28        | 19-28                                 | 80                           | 300                 | Steel Brush            |
| TBP01        |                                       |                              |                     | Pump for hole cleaning |



### Cartridge Nozzle

| Product Code | Mixer Length (mm) | Description                      |
|--------------|-------------------|----------------------------------|
| TCN01        | 250               | For use with 300/ 380/400/420 ml |
| TCN02        | 250               | For use with 385/ 585 ml         |
| TEN01        | 250               | Mixer Extension                  |



### Perforated Sleeve (Nylon)

| Product Code | Drill Hole Diameter (mm) | Hole Depth (mm) | Diameter/ Length of Tube (mm) | For use with Threaded Rods | Box Packing | Outer Packing |
|--------------|--------------------------|-----------------|-------------------------------|----------------------------|-------------|---------------|
| TPS01        | 12                       | 55              | 12\50                         | M6-M8                      | 50          | 2000          |
| TPS02        | 16                       | 90              | 15\85                         | M10-M12                    | 20          | 1000          |
| TPS03        | 16                       | 140             | 15\135                        | M10-M12                    | 20          | 1000          |
| TPS04        | 22                       | 90              | 20\85                         | M16                        | 20          | 1000          |



### Wire Mesh sleeve (Steel)

| Product Code | Drill Hole Diameter (mm) | Outer Diameter of Sleeve (mm) | For use with Threaded Rods | Sleeve Length (mm) | Box Packing |
|--------------|--------------------------|-------------------------------|----------------------------|--------------------|-------------|
| TMS12        | 12                       | 12                            | M6-M8                      | 1000               | 1           |
| TMS16        | 16                       | 16                            | M10-M12                    | 1000               | 1           |
| TMS22        | 22                       | 20                            | M12-M16                    | 1000               | 1           |
| TMS26        | 26                       | 24                            | M20                        | 1000               | 1           |



### Nylon Plug without collar (no screw)

| Product Code | Drill Hole Diameter (mm) | Plug Length (mm) | Screw Diameter (mm) | Screw Gauge | Min.Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|------------------|---------------------|-------------|---------------------|-------------|---------------|
| TNP05        | 5                        | 25               | 2.5 - 4.0           | 4           | 30                  | 200         | 7200          |
| TNP06        | 6                        | 30               | 3.5 - 5.0           | 6-10        | 35                  | 200         | 7200          |
| TNP07        | 7                        | 35               | 4.0 - 5.5           | 8-12        | 40                  | 200         | 3600          |
| TNP08        | 8                        | 40               | 5.0 - 6.0           | 10-14       | 45                  | 200         | 3600          |
| TNP10        | 10                       | 50               | 6.0 - 8.0           | 14-18       | 55                  | 100         | 1800          |
| TNP12        | 12                       | 60               | 8.0 - 10.0          | 18-24       | 65                  | 50          | 1800          |
| TNP14        | 14                       | 75               | 10.0 - 12.0         | 24-32       | 80                  | 50          | 1800          |

### Nylon Plug with collar

|        |    |    |             |       |    |     |      |
|--------|----|----|-------------|-------|----|-----|------|
| TNP05C | 5  | 30 | 2.5 - 4.0   | 4     | 30 | 200 | 7200 |
| TNP06C | 6  | 35 | 3.5 - 5.0   | 6-10  | 35 | 200 | 7200 |
| TNP07C | 7  | 40 | 4.0 - 5.5   | 8-12  | 40 | 200 | 3600 |
| TNP08C | 8  | 45 | 5.0 - 6.0   | 10-14 | 45 | 200 | 3600 |
| TNP10C | 10 | 55 | 6.0 - 8.0   | 14-18 | 55 | 100 | 1800 |
| TNP12C | 12 | 65 | 8.0 - 10.0  | 18-24 | 65 | 50  | 1800 |
| TNP14C | 14 | 80 | 10.0 - 12.0 | 24-32 | 80 | 50  | 1800 |



### Nylon Hammerscrews

| Product Code | Drill Hole Diameter (mm) | Plug Length (mm) | Max Fixture Thickness (mm) | Min.Hole Depth (mm) | Screw Dia/ Length (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|------------------|----------------------------|---------------------|------------------------|-------------|---------------|
| THS05025     | 5                        | 25               | 1                          | 28                  | 3.50/27                | 200         | 7200          |
| THS05030     | 5                        | 30               | 5                          | 35                  | 3.50/32                | 200         | 7200          |
| THS05040     | 5                        | 40               | 15                         | 45                  | 3.50/43                | 200         | 3600          |
| THS05050     | 5                        | 50               | 25                         | 55                  | 3.50/55                | 200         | 3600          |
| THS06040     | 6                        | 40               | 10                         | 45                  | 3.85/43                | 200         | 3600          |
| THS06050     | 6                        | 50               | 20                         | 55                  | 3.85/53                | 100         | 1800          |
| THS06060     | 6                        | 60               | 30                         | 65                  | 3.85/63                | 100         | 1800          |
| THS06080     | 6                        | 80               | 50                         | 85                  | 3.85/83                | 100         | 1800          |
| THS08045     | 8                        | 45               | 5                          | 50                  | 4.85/50                | 100         | 1800          |
| THS08060     | 8                        | 60               | 20                         | 65                  | 4.85/65                | 100         | 1800          |
| THS08080     | 8                        | 80               | 40                         | 85                  | 4.85/85                | 100         | 1200          |
| THS08100     | 8                        | 100              | 60                         | 105                 | 4.85/105               | 100         | 1200          |
| THS08120     | 8                        | 120              | 80                         | 125                 | 4.85/125               | 100         | 1200          |
| THS08140     | 8                        | 140              | 100                        | 145                 | 4.85/145               | 100         | 1200          |

### MUSHROOM OR FLAT ROUND

|             |   |     |     |     |          |     |      |
|-------------|---|-----|-----|-----|----------|-----|------|
| THS05025M/F | 5 | 25  | 1   | 28  | 3.50/27  | 200 | 7200 |
| THS05030M/F | 5 | 30  | 5   | 35  | 3.50/32  | 200 | 7200 |
| THS05040M/F | 5 | 40  | 15  | 45  | 3.50/43  | 200 | 3600 |
| THS05050M/F | 5 | 50  | 25  | 55  | 3.50/55  | 200 | 3600 |
| THS06040M/F | 6 | 40  | 10  | 45  | 3.85/43  | 200 | 3600 |
| THS06050M/F | 6 | 50  | 20  | 55  | 3.85/53  | 100 | 1800 |
| THS06060M/F | 6 | 60  | 30  | 65  | 3.85/63  | 100 | 1800 |
| THS06080M/F | 6 | 80  | 50  | 85  | 3.85/83  | 100 | 1800 |
| THS08045M/F | 8 | 45  | 5   | 50  | 4.85/50  | 100 | 1800 |
| THS08060M/F | 8 | 60  | 20  | 65  | 4.85/65  | 100 | 1800 |
| THS08080M/F | 8 | 80  | 40  | 85  | 4.85/85  | 100 | 1200 |
| THS08100M/F | 8 | 100 | 60  | 105 | 4.85/105 | 100 | 1200 |
| THS08120M/F | 8 | 120 | 80  | 125 | 4.85/125 | 100 | 1200 |
| THS08140M/F | 8 | 140 | 100 | 145 | 4.85/145 | 100 | 1200 |



### Scaffold Restraint Bolt

(Galvanised Steel)

| Product Code | Anchor Diameter (mm) | Anchor Length (mm) | Thread Length (mm) | Eye Diameter (mm) | Working Length (mm) | Box Packing | Outer Packing |
|--------------|----------------------|--------------------|--------------------|-------------------|---------------------|-------------|---------------|
| TSRB12090    | 12                   | 90                 | 65                 | 23                | 15                  | 25          | -             |
| TSRB12120    | 12                   | 120                | 65                 | 23                | 45                  | 25          | -             |
| TSRB12160    | 12                   | 160                | 65                 | 23                | 85                  | 25          | -             |
| TSRB12190    | 12                   | 190                | 65                 | 23                | 115                 | 25          | -             |
| TSRB12230    | 12                   | 230                | 65                 | 23                | 155                 | 10          | -             |
| TSRB12300    | 12                   | 300                | 65                 | 23                | 225                 | 10          | -             |
| TSRB12350    | 12                   | 350                | 65                 | 23                | 275                 | 10          | -             |
| TSRB12400    | 12                   | 400                | 65                 | 23                | 325                 | 10          | -             |
| TSRB12450    | 12                   | 450                | 65                 | 23                | 375                 | 10          | -             |



### Sleeve for Scaffold Bolt

| Product Code | Anchor Diameter (mm) | Plug Length (mm) | Eye Diameter (mm) | Working Length (mm) | Box Packing | Outer Packing |
|--------------|----------------------|------------------|-------------------|---------------------|-------------|---------------|
| TNP14075 L   | 14                   | 75               | 23                | -                   | 50          | 1800          |
| TNP14100 L   | 14                   | 100              | 23                | -                   | 50          | 600           |
| TNP14135 L   | 14                   | 135              | 23                | -                   | 50          | 600           |
| TNP14185 L   | 14                   | 185              | 23                | -                   | 50          | 600           |



### Scaffold Ring Bolt

(Galvanised Steel)

| Product Code | Anchor Diameter (mm) | Anchor Length (mm) | Thread Diameter (mm) | Eye Diameter (mm) | For Use with | Box Packing | Outer Packing |
|--------------|----------------------|--------------------|----------------------|-------------------|--------------|-------------|---------------|
| TSRB16       | 25                   | 210                | 16                   | 50                | TDA16        | 5           | 40            |



### Nylon Frame Anchors Long Expansion Countersunk Head

| Product Code | Drill Hole Diameter (mm) | Plug Length (mm) | Max Fixture Thickness (mm) | Min.Hole Depth (mm) | Screw Dia/ Length (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|------------------|----------------------------|---------------------|------------------------|-------------|---------------|
| TNFA08100LE  | 8                        | 100              | 30                         | 80                  | 5.50/105               | 100         | 900           |
| TNFA08120LE  | 8                        | 120              | 50                         | 80                  | 5.50/125               | 100         | 900           |
| TNFA10080LE  | 10                       | 80               | 10                         | 80                  | 7.00/85                | 50          | 450           |
| TNFA10100LE  | 10                       | 100              | 30                         | 80                  | 7.00/105               | 50          | 450           |
| TNFA10115LE  | 10                       | 115              | 45                         | 80                  | 7.00/120               | 50          | 450           |
| TNFA10135LE  | 10                       | 135              | 65                         | 80                  | 7.00/140               | 50          | 450           |
| TNFA10160LE  | 10                       | 160              | 90                         | 80                  | 7.00/165               | 50          | 300           |



### Nylon Frame Anchors Long Expansion Hex Head

| Product Code | Drill Hole Diameter (mm) | Plug Length (mm) | Max Fixture Thickness (mm) | Min.Hole Depth (mm) | Screw Dia/ Length (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|------------------|----------------------------|---------------------|------------------------|-------------|---------------|
| TNFA10080LEH | 10                       | 80               | 10                         | 80                  | 7.00/85                | 50          | 450           |
| TNFA10100LEH | 10                       | 100              | 30                         | 80                  | 7.00/105               | 50          | 450           |
| TNFA10115LEH | 10                       | 115              | 45                         | 80                  | 7.00/120               | 50          | 450           |
| TNFA10135LEH | 10                       | 135              | 65                         | 80                  | 7.00/140               | 50          | 450           |
| TNFA10160LEH | 10                       | 160              | 90                         | 80                  | 7.00/165               | 50          | 300           |
| TNFA10180LEH | 10                       | 180              | 110                        | 80                  | 7.00/185               | 50          | 300           |



### Sanitary Fixings

(BZP screw, WC fixing, White and Chrome)

| Product Code | Drill Hole Diameter (mm) | Plug Length (mm) | Screw Length (mm) | Screw Diameter (mm) | Cap Diameter (mm) | Polybag Packing | Outer Packing |
|--------------|--------------------------|------------------|-------------------|---------------------|-------------------|-----------------|---------------|
| TSFT68010W   | 10                       | 50               | 80                | 6                   | 10                | 1               | 100           |
| TSFT68010C   | 10                       | 50               | 80                | 6                   | 10                | 1               | 100           |



### Sanitary Fixings

(BZP screw, Basin & Urinal fixing, White and Chrome)

| Product Code<br>BASIN | Drill Hole Diameter (mm) | Plug Length (mm) | Screw Length (mm) | Screw Diameter (mm) | Screw Cap Diameter (mm) | Polybag Packing | Outer Packing |
|-----------------------|--------------------------|------------------|-------------------|---------------------|-------------------------|-----------------|---------------|
| TSFB08100             | 12                       | 60               | 100               | 8                   | 40                      | 1               | 100           |
| TSFB08120             | 12                       | 60               | 120               | 8                   | 40                      | 1               | 100           |
| TSFB08140             | 12                       | 60               | 140               | 8                   | 40                      | 1               | 100           |
| TSFB10120             | 14                       | 70               | 120               | 10                  | 40                      | 1               | 100           |
| TSFB10140             | 14                       | 70               | 140               | 10                  | 40                      | 1               | 100           |
| URINAL                |                          |                  |                   |                     |                         |                 |               |
| TSFU08100             | 12                       | 60               | 100               | 8                   | 40                      | 1               | 100           |
| TSFU08120             | 12                       | 60               | 120               | 8                   | 40                      | 1               | 100           |
| TSFU08140             | 12                       | 60               | 140               | 8                   | 40                      | 1               | 100           |
| TSFU10120             | 14                       | 70               | 120               | 10                  | 40                      | 1               | 100           |
| TSFU10140             | 14                       | 70               | 140               | 10                  | 40                      | 1               | 100           |





All Purpose Frame Anchors - MULTI EXPANSION - ETA Option 7 – Non Crack Approved  
(nylon, countersunk Flat head, zinc plated)



| Product Code | Drill Hole Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Min. Hole Depth (mm) | Screw Diameter (mm) | Screw Length (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|--------------------|-----------------------------|----------------------|---------------------|-------------------|-------------|---------------|
| TNFAM08080   | 8                        | 80                 | 10                          | 70                   | 5,5                 | 85                | 100         | 600           |
| TNFAM08100   | 8                        | 100                | 30                          | 70                   | 5,5                 | 105               | 100         | 600           |
| TNFAM08120   | 8                        | 120                | 50                          | 70                   | 5,5                 | 125               | 100         | 600           |
| TNFAM08140   | 8                        | 140                | 70                          | 70                   | 5,5                 | 145               | 100         | 600           |
| TNFAM10080   | 10                       | 80                 | 10                          | 70                   | 7,0                 | 85                | 50          | 400           |
| TNFAM10100   | 10                       | 100                | 30                          | 70                   | 7,0                 | 105               | 50          | 400           |
| TNFAM10120   | 10                       | 120                | 50                          | 70                   | 7,0                 | 125               | 50          | 400           |
| TNFAM10140   | 10                       | 140                | 70                          | 70                   | 7,0                 | 145               | 25          | 200           |
| TNFAM10160   | 10                       | 160                | 90                          | 70                   | 7,0                 | 165               | 25          | 200           |
| TNFAM10200   | 10                       | 200                | 130                         | 70                   | 7,0                 | 205               | 25          | 200           |
| TNFAM10230   | 10                       | 230                | 160                         | 70                   | 7,0                 | 237               | 20          | 180           |
| TNFAM10260   | 10                       | 260                | 190                         | 70                   | 7,0                 | 265               | 20          | 180           |



All Purpose Frame Anchors - MULTI EXPANSION ETA Option 7 – Non Crack Approved  
(nylon, hexagon head with washer, zinc plated)



| Product Code | Drill Hole Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Min. Hole Depth (mm) | Screw Diameter (mm) | Screw Length (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|--------------------|-----------------------------|----------------------|---------------------|-------------------|-------------|---------------|
| TNFAM10080F  | 10                       | 80                 | 10                          | 70                   | 7,0                 | 85                | 50          | 400           |
| TNFAM10100F  | 10                       | 100                | 30                          | 70                   | 7,0                 | 105               | 50          | 400           |
| TNFAM10120F  | 10                       | 120                | 50                          | 70                   | 7,0                 | 125               | 25          | 200           |
| TNFAM10140F  | 10                       | 140                | 70                          | 70                   | 7,0                 | 145               | 25          | 200           |
| TNFAM10160F  | 10                       | 160                | 90                          | 70                   | 7,0                 | 165               | 25          | 200           |



All Purpose Frame Anchors - MULTI EXPANSION - ETA Option 7 – Non Crack Approved  
(nylon, hexagon head, zinc plated)



| Product Code | Drill Hole Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Min. Hole Depth (mm) | Screw Diameter (mm) | Screw Length (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|--------------------|-----------------------------|----------------------|---------------------|-------------------|-------------|---------------|
| TNFAM10080H  | 10                       | 80                 | 10                          | 70                   | 7,0                 | 85                | 50          | 400           |
| TNFAM10100H  | 10                       | 100                | 30                          | 70                   | 7,0                 | 105               | 50          | 400           |
| TNFAM10120H  | 10                       | 120                | 50                          | 70                   | 7,0                 | 125               | 50          | 400           |
| TNFAM10140H  | 10                       | 140                | 70                          | 70                   | 7,0                 | 145               | 25          | 200           |
| TNFAM10160H  | 10                       | 160                | 90                          | 70                   | 7,0                 | 165               | 25          | 250           |
| TNFAM10200H  | 10                       | 200                | 130                         | 70                   | 7,0                 | 205               | 25          | 200           |
| TNFAM10240H  | 10                       | 240                | 170                         | 70                   | 7,0                 | 245               | 20          | 180           |
| TNFAM10260H  | 10                       | 260                | 190                         | 70                   | 7,0                 | 265               | 20          | 180           |



### Door / Window Frame Screw

(Steel White Zinc Plated)

| Product Code | Screw Diameter (mm) | Screw Length (mm) | Max. Fixture Thickness (mm) | Drill Hole Diameter (mm) | Box Packing |
|--------------|---------------------|-------------------|-----------------------------|--------------------------|-------------|
| TFCS75050    | 7,5                 | 50                | 15                          | 6                        | 100         |
| TFCS75060    | 7,5                 | 60                | 25                          | 6                        | 100         |
| TFCS75070    | 7,5                 | 70                | 35                          | 6                        | 100         |
| TFCS75080    | 7,5                 | 80                | 45                          | 6                        | 100         |
| TFCS75090    | 7,5                 | 90                | 55                          | 6                        | 100         |
| TFCS75100    | 7,5                 | 100               | 65                          | 6                        | 100         |
| TFCS75110    | 7,5                 | 110               | 75                          | 6                        | 100         |
| TFCS75120    | 7,5                 | 120               | 85                          | 6                        | 100         |
| TFCS75130    | 7,5                 | 130               | 95                          | 6                        | 100         |
| TFCS75150    | 7,5                 | 150               | 115                         | 6                        | 100         |
| TFCS75180    | 7,5                 | 180               | 145                         | 6                        | 100         |
| TFCS75200    | 7,5                 | 200               | 165                         | 6                        | 100         |



### Tapscrew Blue Countersunk Head

| Product Code | Drill Hole Dia (mm) | Screw Dia (mm) | Screw Length (mm) | Max.Fixture Thickness (mm) | Min Hole Depth (mm) | Drive | Box Packing |
|--------------|---------------------|----------------|-------------------|----------------------------|---------------------|-------|-------------|
| TKS05032C    | 4                   | 5              | 32                | 7                          | 35                  | PH2   | 100         |
| TKS05045C    | 4                   | 5              | 45                | 20                         | 35                  | PH2   | 100         |
| TKS05070C    | 4                   | 5              | 70                | 45                         | 35                  | PH2   | 100         |
| TKS05082C    | 4                   | 5              | 82                | 57                         | 35                  | PH3   | 100         |
| TKS06025C    | 5                   | 6              | 25                | 7                          | 35                  | PH3   | 100         |
| TKS06045C    | 5                   | 6              | 45                | 20                         | 35                  | PH3   | 100         |
| TKS06057C    | 5                   | 6              | 57                | 32                         | 35                  | PH3   | 100         |
| TKS06070C    | 5                   | 6              | 70                | 45                         | 35                  | PH3   | 100         |
| TKS06100C    | 5                   | 6              | 100               | 75                         | 35                  | PH3   | 100         |
| TKS06125C    | 5                   | 6              | 125               | 100                        | 35                  | PH3   | 100         |



### Tapscrew Blue Hex Head

| Product Code | Drill Hole Dia (mm) | Screw Dia (mm) | Screw Length (mm) | Max.Fixture Thickness (mm) | Min Hole Depth (mm) | Drive | Box Packing |
|--------------|---------------------|----------------|-------------------|----------------------------|---------------------|-------|-------------|
| TKS05032H    | 4                   | 5              | 32                | 7                          | 35                  | 6.5   | 100         |
| TKS05045H    | 4                   | 5              | 45                | 20                         | 35                  | 6.5   | 100         |
| TKS05057H    | 4                   | 5              | 57                | 32                         | 35                  | 6.5   | 100         |
| TKS06032H    | 5                   | 6              | 32                | 7                          | 35                  | 8     | 100         |
| TKS06045H    | 5                   | 6              | 45                | 20                         | 35                  | 8     | 100         |
| TKS06057H    | 5                   | 6              | 57                | 32                         | 35                  | 8     | 100         |
| TKS06070H    | 5                   | 6              | 70                | 45                         | 35                  | 8     | 100         |
| TKS06082H    | 5                   | 6              | 82                | 57                         | 35                  | 8     | 100         |
| TKS06100H    | 5                   | 6              | 100               | 75                         | 35                  | 8     | 100         |



NEW

### Tapcrew Blue Hex Head - Stainless Steel SS410

| Product Code | Drill Hole Dia (mm) | Screw Dia (mm) | Screw Length (mm) | Max.Fixture Thickness (mm) | Min Hole Depth (mm) | Drive | Box Packing |
|--------------|---------------------|----------------|-------------------|----------------------------|---------------------|-------|-------------|
| TKS05032SS   | 4                   | 5              | 32                | 7                          | 35                  | 6.5   | 100         |
| TKS05045SS   | 4                   | 5              | 45                | 20                         | 35                  | 6.5   | 100         |
| TKS05057SS   | 4                   | 5              | 57                | 32                         | 35                  | 6.5   | 100         |
| TKS06032SS   | 5                   | 6              | 32                | 7                          | 35                  | 8     | 100         |
| TKS06045SS   | 5                   | 6              | 45                | 20                         | 35                  | 8     | 100         |
| TKS06057SS   | 5                   | 6              | 57                | 32                         | 35                  | 8     | 100         |
| TKS06070SS   | 5                   | 6              | 70                | 45                         | 35                  | 8     | 100         |
| TKS06082SS   | 5                   | 6              | 82                | 57                         | 35                  | 8     | 100         |
| TKS06100SS   | 5                   | 6              | 100               | 75                         | 35                  | 8     | 100         |
| TKS06125SS   | 5                   | 6              | 125               | 100                        | 35                  | 8     | 100         |



### Zamac Hammer-in Anchor

(ZnAl)

| Product Code | Hole Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|--------------------|--------------------|-----------------------------|----------------------|-------------|---------------|
| TZH06030     | 6                  | 30                 | 8                           | 22                   | 100         | 1600          |
| TZH06040     | 6                  | 40                 | 18                          | 22                   | 100         | 1600          |
| TZH06050     | 6                  | 50                 | 28                          | 22                   | 100         | 1600          |
| TZH06065     | 6                  | 65                 | 43                          | 22                   | 50          | 800           |



### Metal Nail-In Anchor - ETA Part 6



| Product Code | Hole Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|--------------------|--------------------|-----------------------------|----------------------|-------------|---------------|
| TMH06040     | 6                  | 40                 | 5                           | 35                   | 100         | 2000          |
| TMH06070     | 6                  | 70                 | 30                          | 40                   | 100         | 1000          |



### Anchor for Aerated Concrete

(Steel White Zinc Plated)

| Product Code | Hole Diameter (mm) | Anchor Length (mm) | Screw Diameter (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|--------------------|--------------------|---------------------|----------------------|-------------|---------------|
| TME06032     | 7 - 9              | 32                 | 3,5 - 4,0           | 38                   | 200         | 3600          |
| TME08038     | 10 - 12            | 38                 | 3,5 - 4,0           | 46                   | 100         | 1800          |
| TME08060     | 10 - 12            | 60                 | 4,5 - 5,0           | 68                   | 100         | 900           |
| TME10060     | 12 - 14            | 60                 | 6,0 - 8,0           | 68                   | 50          | 900           |



### Wirehanger

(Steel White Zinc Plated)

| Product Code | Hole Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Min. Hole Depth (mm) | Box Packing | Outer Packing |
|--------------|--------------------|--------------------|-----------------------------|----------------------|-------------|---------------|
| TWH06055     | 6                  | 55                 | -                           | 40                   | 100         | 2000          |



### Drywall Anchors

(supplied with a screw)

| Product Code | Screw Diameter (mm) | Screw Length (mm) | Max. Fixture Thickness (mm) | Anchor Length (mm) | Box Packing | Outer Packing |
|--------------|---------------------|-------------------|-----------------------------|--------------------|-------------|---------------|
| TDPA         | 4                   | 30                | 15                          | 30                 | 100         | 1000          |
| TNPA38       | 4                   | 38                | 15                          | 45                 | 100         | 1000          |



### Super MAX Anchor

(supplied with bolt)

| Product Code | Drill Hole Diameter (mm) | Screw Length (mm) | Max. Board Thickness (mm) | Anchor Length (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|-------------------|---------------------------|--------------------|-------------|---------------|
| TSM10        | 10                       | 65                | 3-30                      | 35                 | 100         | 1000          |



### Drywall Hammer Anchors

(supplied with a screw)

| Product Code | Screw Diameter (mm) | Screw Length (mm) | Max. Board Thickness (mm) | Anchor Length (mm) | Box Packing | Outer Packing |
|--------------|---------------------|-------------------|---------------------------|--------------------|-------------|---------------|
| TPBH1230     | 4                   | 30                | 13                        | 30                 | 100         | 2000          |
| TPBH1240     | 4                   | 40                | 26                        | 40                 | 100         | 2000          |



### Steel Drywall Anchor

(Steel White Zinc Plated)

| Product Code | Drill Hole Diameter (mm) | Anchor Length (mm) | Max. Fixture Thickness (mm) | Wall Thickness (mm) | Box Packing | Outer Packing |
|--------------|--------------------------|--------------------|-----------------------------|---------------------|-------------|---------------|
| THW04025     | 8                        | 25                 | 8                           | 0 - 5               | 200         | 3200          |
| THW04045     | 8                        | 45                 | 16                          | 8 - 16              | 100         | 1600          |
| THW04050     | 8                        | 50                 | 17                          | 16 - 23             | 100         | 1600          |
| THW04065     | 8                        | 65                 | 20                          | 18 - 32             | 100         | 1600          |
| THW05045     | 10                       | 45                 | 17                          | 6 – 13              | 100         | 1600          |
| THW05060     | 10                       | 60                 | 26                          | 8 - 16              | 100         | 1600          |
| THW05070     | 10                       | 70                 | 30                          | 16 - 32             | 100         | 800           |
| THW06060     | 13                       | 60                 | 35                          | 7 - 16              | 100         | 800           |
| THW06070     | 13                       | 70                 | 30                          | 16 - 32             | 100         | 800           |



### THW Anchor Installation Tool

| Product Code | Description          | Box Packing |
|--------------|----------------------|-------------|
| THWT01       | Setting Tool for THW | 1           |



### Cable Ties

| Product Code<br>(Natural Colour) | Product Code<br>(Colour Black) | Length<br>(mm) | Width (mm) | Diameter<br>(mm) | Box Packing | Outer<br>Packing | Tensile<br>Strength<br>(kg) |
|----------------------------------|--------------------------------|----------------|------------|------------------|-------------|------------------|-----------------------------|
| TCTW20075                        | TCTB20075                      | 75             | 2.0        | 0,75-15          | 100         | 60 000           | 6,12                        |
| TCTW25098                        | TCTB25098                      | 98             | 2.5        | 1,0-21           | 100         | 40 000           | 8,16                        |
| TCTW25135                        | TCTB25135                      | 135            | 2.5        | 1,0-32           | 100         | 35000            | 8,16                        |
| TCTW25160                        | TCTB25160                      | 160            | 2.5        | 1,0-40           | 100         | 35000            | 8,16                        |
| TCTW25200                        | TCTB25200                      | 200            | 2.5        | 1,0-52           | 100         | 25000            | 8,16                        |
| TCTW35140                        | TCTB35140                      | 140            | 3.5        | 2,0-35           | 100         | 25000            | 13,26                       |
| TCTW35200                        | TCTB35200                      | 200            | 3.5        | 2,0-50           | 100         | 20000            | 13,26                       |
| TCTW35290                        | TCTB35290                      | 290            | 3.5        | 2,0-80           | 100         | 15000            | 13,26                       |
| TCTW45160                        | TCTB45160                      | 160            | 4.5        | 2,5-40           | 100         | 15000            | 22,44                       |
| TCTW45178                        | TCTB45178                      | 178            | 4.5        | 2,0-45           | 100         | 15000            | 22,44                       |
| TCTW45200                        | TCTB45200                      | 200            | 4.5        | 3,0-50           | 100         | 13000            | 22,44                       |
| TCTW45250                        | TCTB45250                      | 250            | 4.5        | 3,0-68           | 100         | 10000            | 22,44                       |
| TCTW45290                        | TCTB45290                      | 290            | 4.5        | 3,5-78           | 100         | 10000            | 22,44                       |
| TCTW45360                        | TCTB45360                      | 360            | 4.5        | 3,5-100          | 100         | 7500             | 22,44                       |
| TCTW45430                        | TCTB45430                      | 430            | 4.5        | 3,5-115          | 100         | 6000             | 22,44                       |
| TCTW75180                        | TCTB75180                      | 180            | 7.5        | 3,5-45           | 100         | 6000             | 55,08                       |
| TCTW75240                        | TCTB75240                      | 240            | 7.5        | 3,5-63           | 100         | 5000             | 55,08                       |
| TCTW75300                        | TCTB75300                      | 300            | 7.5        | 3,5-80           | 100         | 4000             | 55,08                       |
| TCTW75365                        | TCTB75365                      | 365            | 7.5        | 3,5-100          | 100         | 3500             | 55,08                       |
| TCTW75450                        | TCTB75450                      | 450            | 7.5        | 3,5-130          | 100         | 3000             | 55,08                       |
| TCTW75540                        | TCTB75540                      | 540            | 7.5        | 3,5-158          | 100         | 2000             | 55,08                       |
| TCTW75750                        | TCTB75750                      | 750            | 7.5        | 3,5-220          | 100         | 2000             | 55,08                       |



### Cable Tie Pin Holders



| Product Code | Hole<br>Diameter<br>(mm) | Min. Hole<br>Depth (mm) | A [mm] | B [mm] | C [mm] | D [mm] | Box Packing |
|--------------|--------------------------|-------------------------|--------|--------|--------|--------|-------------|
| TCTP08       | 8                        | 50                      | 10     | 37     | 6,5    | 9,7    | 100         |



### Cable Tie Holder for Gas Nailer

| Product Code | Description                         | Box Packing | Outer Packing |
|--------------|-------------------------------------|-------------|---------------|
| TGA8BBP      | For use with Gas Nailer tools Black | 100         | 2400          |
| TGA8BWP      | For use with Gas Nailer tools White | 100         | 2400          |



### Hardened Nails for Concrete and Brick (without washer)



| Product Code | Nail Diameter (mm) | Nail Length (mm) | Box Packing | Outer Packing | Nail Weight 100pcs/kg |
|--------------|--------------------|------------------|-------------|---------------|-----------------------|
| THMN25025W   | 2.5                | 25               | 100         | 15000         | 0,11                  |
| THMN25030W   | 2.5                | 30               | 100         | 15000         | 0,13                  |
| THMN25040W   | 2.5                | 40               | 100         | 9000          | 0,18                  |
| THMN25050W   | 2.5                | 50               | 100         | 7000          | 0,20                  |
| THMN25060W   | 2.5                | 60               | 100         | 5000          | 0,24                  |
| THMN30025W   | 3.0                | 25               | 100         | 15000         | 0,15                  |
| THMN30030W   | 3.0                | 30               | 100         | 15000         | 0,17                  |
| THMN30040W   | 3.0                | 40               | 100         | 9000          | 0,25                  |
| THMN30050W   | 3.0                | 50               | 100         | 7000          | 0,29                  |
| THMN30060W   | 3.0                | 60               | 100         | 5000          | 0,37                  |
| THMN35050W   | 3.5                | 50               | 100         | 5000          | 0,40                  |
| THMN35060W   | 3.5                | 60               | 100         | 5000          | 0,51                  |
| THMN35075W   | 3.5                | 75               | 100         | 5000          | 0,58                  |
| THMN35090W   | 3.5                | 90               | 100         | 2500          | 0,65                  |
| THMN35100W   | 3.5                | 100              | 100         | 2500          | 0,81                  |



### Hardened Nails for Concrete (knurled)



| Product Code | Nail Diameter (mm) | Nail Length (mm) | Box Packing | Outer Packing | Nail Weight 100pcs/kg |
|--------------|--------------------|------------------|-------------|---------------|-----------------------|
| THMN27020WK  | 2.7                | 20               | 250         | 12500         | 0,076                 |
| THMN27025WK  | 2.7                | 25               | 250         | 12500         | 0,094                 |
| THMN27030WK  | 2.7                | 30               | 250         | 12500         | 0,121                 |
| THMN27035WK  | 2.7                | 35               | 250         | 6250          | 0,132                 |
| THMN27040WK  | 2.7                | 40               | 250         | 6250          | 0,152                 |
| THMN27050WK  | 2.7                | 50               | 250         | 6250          | 0,190                 |
| THMN35035WK  | 3.5                | 35               | 250         | 6250          | 0,255                 |
| THMN35045WK  | 3.5                | 45               | 250         | 6250          | 0,327                 |
| THMN35050WK  | 3.5                | 50               | 250         | 6250          | 0,365                 |
| THMN35055WK  | 3.5                | 55               | 250         | 6250          | 0,401                 |
| THMN35065WK  | 3.5                | 65               | 250         | 6250          | 0,476                 |
| THMN35070WK  | 3.5                | 70               | 250         | 3000          | 0,512                 |
| THMN35075WK  | 3.5                | 75               | 250         | 3000          | 0,549                 |
| THMN35080WK  | 3.5                | 80               | 250         | 3000          | 0,584                 |
| THMN45030WK  | 4.5                | 30               | 250         | 3000          | 0,294                 |
| THMN45040WK  | 4.5                | 40               | 250         | 3000          | 0,392                 |
| THMN45050WK  | 4.5                | 50               | 250         | 3000          | 0,490                 |
| THMN45055WK  | 4.5                | 55               | 250         | 3000          | 0,533                 |
| THMN45060WK  | 4.5                | 60               | 250         | 3000          | 0,588                 |
| THMN45065WK  | 4.5                | 65               | 250         | 3000          | 0,636                 |
| THMN45070WK  | 4.5                | 70               | 250         | 3000          | 0,684                 |
| THMN45080WK  | 4.5                | 80               | 250         | 3000          | 0,781                 |



**Metal Insulation Anchor**  
(Mechanical Galvanised Steel)



| Product Reference | Anchor Diameter (mm) | Anchor Length (mm) | Min. Hole Depth (mm) | Drill Diameter (mm) | Head/Disc Diameter (mm) | Carton Packing |
|-------------------|----------------------|--------------------|----------------------|---------------------|-------------------------|----------------|
| TMIA08040         | 8                    | 40                 | 50                   | 8                   | 35                      | 250            |
| TMIA08050         | 8                    | 50                 | 60                   | 8                   | 35                      | 250            |
| TMIA08060         | 8                    | 60                 | 70                   | 8                   | 35                      | 250            |
| TMIA08080         | 8                    | 80                 | 90                   | 8                   | 35                      | 250            |
| TMIA08090         | 8                    | 90                 | 100                  | 8                   | 35                      | 250            |
| TMIA08110         | 8                    | 110                | 120                  | 8                   | 35                      | 250            |
| TMIA08140         | 8                    | 140                | 150                  | 8                   | 35                      | 250            |
| TMIA08170         | 8                    | 170                | 180                  | 8                   | 35                      | 250            |
| TMIA08200         | 8                    | 200                | 210                  | 8                   | 35                      | 250            |
| TMIA08230         | 8                    | 230                | 240                  | 8                   | 35                      | 125            |
| TMIA08250         | 8                    | 250                | 260                  | 8                   | 35                      | 125            |
| TMIA08300         | 8                    | 300                | 310                  | 8                   | 35                      | 125            |



**Metal Insulation Anchor**  
(Stainless Steel 1.4016)



| Product Reference | Anchor Diameter (mm) | Anchor Length (mm) | Min. Hole Depth (mm) | Drill Diameter (mm) | Head/Disc Diameter (mm) | Carton Packing |
|-------------------|----------------------|--------------------|----------------------|---------------------|-------------------------|----------------|
| TMIA08060SS       | 8                    | 60                 | 70                   | 8                   | 35                      | 250            |
| TMIA08080SS       | 8                    | 80                 | 90                   | 8                   | 35                      | 250            |
| TMIA08090SS       | 8                    | 90                 | 100                  | 8                   | 35                      | 250            |
| TMIA08110SS       | 8                    | 110                | 120                  | 8                   | 35                      | 250            |
| TMIA08140SS       | 8                    | 140                | 150                  | 8                   | 35                      | 250            |
| TMIA08170SS       | 8                    | 170                | 180                  | 8                   | 35                      | 250            |
| TMIA08200SS       | 8                    | 200                | 210                  | 8                   | 35                      | 250            |
| TMIA08230SS       | 8                    | 230                | 240                  | 8                   | 35                      | 125            |
| TMIA08250SS       | 8                    | 250                | 260                  | 8                   | 35                      | 125            |
| TMIA08300SS       | 8                    | 300                | 310                  | 8                   | 35                      | 125            |



**Metal Insulation washer 80mm**



| Product Reference | Material                    | Washer Diameter (mm) | Outer Packing |
|-------------------|-----------------------------|----------------------|---------------|
| TMIA80W           | Mechanical Galvanised Steel | 80                   | 500           |
| TMIA80WSS         | Stainless Steel 1.4016      | 80                   | 500           |





### Insulation Fixing - Short Expanding Zone

Insulation pin with Fibreglass expanding nail, 60mm Disc - White



| Product Reference | Drill Hole Diameter (mm) | Anchor Length (mm) | Anchor Depth (mm) | Box Packing | Outer Packing |
|-------------------|--------------------------|--------------------|-------------------|-------------|---------------|
| TIA10080FNWC      | 10                       | 80                 | 50                | 200         | -             |
| TIA10090FNWC      | 10                       | 90                 | 50                | 200         | -             |
| TIA10100FNWC      | 10                       | 100                | 50                | 200         | -             |
| TIA10110FNWC      | 10                       | 110                | 50                | 200         | -             |
| TIA10120FNWC      | 10                       | 120                | 50                | 200         | -             |
| TIA10140FNWC      | 10                       | 140                | 50                | 200         | -             |
| TIA10160FNWC      | 10                       | 160                | 50                | 200         | -             |
| TIA10180FNWC      | 10                       | 180                | 50                | 200         | -             |
| TIA10200FNWC      | 10                       | 200                | 50                | 200         | -             |
| TIA10220FNWC      | 10                       | 220                | 50                | 100         | -             |



### Insulation Fixing - Long Expanding Zone

Insulation pin with Fibreglass expanding nail, 60mm Disc White



| Product Reference | Drill Hole Diameter (mm) | Anchor Length (mm) | Anchor Depth (mm) | Polybag Quantity | Outer Packing |
|-------------------|--------------------------|--------------------|-------------------|------------------|---------------|
| TIA10140FNWP      | 10                       | 140                | 80                | 200              | -             |
| TIA10160FNWP      | 10                       | 160                | 80                | 200              | -             |
| TIA10180FNWP      | 10                       | 180                | 80                | 200              | -             |
| TIA10200FNWP      | 10                       | 200                | 80                | 200              | -             |
| TIA10220FNWP      | 10                       | 220                | 80                | 100              | -             |



### Insulation Fixing - Telescopic Roofing Anchor

Insulation pin for flat Roofing with various screws



| Product Reference | Drill Hole Diameter (mm) | Anchor Length (mm) | Head Diameter (mm) | Box Packing | Outer Packing |
|-------------------|--------------------------|--------------------|--------------------|-------------|---------------|
| TIA14055FR        | 14                       | 55                 | 50                 | 200         | -             |
| TIA14085FR        | 14                       | 85                 | 50                 | 200         | -             |
| TIA14105FR        | 14                       | 105                | 50                 | 200         | -             |
| TIA14135FR        | 14                       | 135                | 50                 | 200         | -             |
| TIA14155FR        | 14                       | 155                | 50                 | 200         | -             |
| TIA14165FR        | 14                       | 165                | 50                 | 200         | -             |
| TIA14185FR        | 14                       | 185                | 50                 | 200         | -             |
| TIA14235FR        | 14                       | 235                | 50                 | 200         | -             |
| TIA14285FR        | 14                       | 285                | 50                 | 200         | -             |
| TIA14325FR        | 14                       | 325                | 50                 | 100         | -             |



### ETA Approved Insulation Anchors 8mm

Hammer Type, Metal Pin



| Product Code | Drill Hole Diameter | Plate Diameter | Anchor Length | Hole Depth | Insulation Thickness | Carton Packing |
|--------------|---------------------|----------------|---------------|------------|----------------------|----------------|
| TETX08075MH  | 8                   | 60             | 75            | 35         | 40                   | 100            |
| TETX08095MH  | 8                   | 60             | 95            | 35         | 60                   | 100            |
| TETX08115MH  | 8                   | 60             | 115           | 35         | 80                   | 100            |
| TETX08135MH  | 8                   | 60             | 135           | 35         | 100                  | 100            |
| TETX08155MH  | 8                   | 60             | 155           | 35         | 120                  | 100            |
| TETX08175MH  | 8                   | 60             | 175           | 35         | 140                  | 100            |
| TETX08195MH  | 8                   | 60             | 195           | 35         | 160                  | 100            |
| TETX08215MH  | 8                   | 60             | 215           | 35         | 180                  | 100            |
| TETX08235MH  | 8                   | 60             | 235           | 35         | 200                  | 100            |
| TETX08255MH  | 8                   | 60             | 255           | 35         | 220                  | 100            |
| TETX08275MH  | 8                   | 60             | 275           | 35         | 240                  | 100            |
| TETX08295MH  | 8                   | 60             | 295           | 35         | 260                  | 100            |



### ETA Approved Insulation Anchors 8mm

Screw Type, Metal Pin



| Product Code | Drill Hole Diameter | Plate Diameter | Anchor Length | Hole Depth | Insulation Thickness | Carton Packing |
|--------------|---------------------|----------------|---------------|------------|----------------------|----------------|
| TETX08095MS  | 8                   | 60             | 95            | 35         | 60                   | 100            |
| TETX08115MS  | 8                   | 60             | 115           | 35         | 80                   | 100            |
| TETX08135MS  | 8                   | 60             | 135           | 35         | 100                  | 100            |
| TETX08155MS  | 8                   | 60             | 155           | 35         | 120                  | 100            |
| TETX08175MS  | 8                   | 60             | 175           | 35         | 140                  | 100            |
| TETX08195MS  | 8                   | 60             | 195           | 35         | 160                  | 100            |
| TETX08215MS  | 8                   | 60             | 215           | 35         | 180                  | 100            |
| TETX08235MS  | 8                   | 60             | 235           | 35         | 200                  | 100            |
| TETX08255MS  | 8                   | 60             | 255           | 35         | 220                  | 100            |
| TETX08275MS  | 8                   | 60             | 275           | 35         | 240                  | 100            |
| TETX08295MS  | 8                   | 60             | 295           | 35         | 260                  | 100            |



### ETA Approved Insulation Anchors 8mm

Hammer Type, Plastic Pin



| Product Code | Drill Hole Diameter | Plate Diameter | Anchor Length | Hole Depth | Insulation Thickness | Carton Packing |
|--------------|---------------------|----------------|---------------|------------|----------------------|----------------|
| TETX08075PH  | 8                   | 60             | 75            | 35         | 40                   | 100            |
| TETX08095PH  | 8                   | 60             | 95            | 35         | 60                   | 100            |
| TETX08115PH  | 8                   | 60             | 115           | 35         | 80                   | 100            |
| TETX08135PH  | 8                   | 60             | 135           | 35         | 100                  | 100            |
| TETX08155PH  | 8                   | 60             | 155           | 35         | 120                  | 100            |
| TETX08175PH  | 8                   | 60             | 175           | 35         | 140                  | 100            |
| TETX08195PH  | 8                   | 60             | 195           | 35         | 160                  | 100            |
| TETX08215PH  | 8                   | 60             | 215           | 35         | 180                  | 100            |
| TETX08235PH  | 8                   | 60             | 235           | 35         | 200                  | 100            |
| TETX08255PH  | 8                   | 60             | 255           | 35         | 220                  | 100            |
| TETX08275PH  | 8                   | 60             | 275           | 35         | 240                  | 100            |
| TETX08295PH  | 8                   | 60             | 295           | 35         | 260                  | 100            |



### Insulation Fixing ETA Approved 10mm- Short & Long Expanding Zone Plastic nail 60 mm Disc

| Product Code | Drill Hole Diameter | Plate Diameter | Anchor Length | Short expansion Hole Depth | Short expansion Insulation Thickness | Long expansion Hole Depth | Long expansion Insulation Thickness | Carton Packing |
|--------------|---------------------|----------------|---------------|----------------------------|--------------------------------------|---------------------------|-------------------------------------|----------------|
| TETX10100PH  | 10                  | 60             | 100           | 30                         | 60                                   | 70                        | 20                                  | 100            |
| TETX10120PH  | 10                  | 60             | 120           | 30                         | 80                                   | 70                        | 40                                  | 100            |
| TETX10140PH  | 10                  | 60             | 140           | 30                         | 100                                  | 70                        | 60                                  | 100            |
| TETX10160PH  | 10                  | 60             | 160           | 30                         | 120                                  | 70                        | 80                                  | 100            |
| TETX10180PH  | 10                  | 60             | 180           | 30                         | 140                                  | 70                        | 100                                 | 100            |
| TETX10200PH  | 10                  | 60             | 200           | 30                         | 160                                  | 70                        | 120                                 | 100            |
| TETX10220PH  | 10                  | 60             | 220           | 30                         | 180                                  | 70                        | 140                                 | 100            |
| TETX10240PH  | 10                  | 60             | 240           | 30                         | 200                                  | 70                        | 160                                 | 100            |
| TETX10260PH  | 10                  | 60             | 260           | 30                         | 220                                  | 70                        | 180                                 | 100            |
| TETX10280PH  | 10                  | 60             | 280           | 30                         | 240                                  | 70                        | 200                                 | 100            |
| TETX10300PH  | 10                  | 60             | 300           | 30                         | 260                                  | 70                        | 220                                 | 100            |



### Insulation Fixing ETA Approved 10mm- Short & Long Expanding Zone Metal nail 60 mm Disc

| Product Code | Drill Hole Diameter | Plate Diameter | Anchor Length | Short expansion Hole Depth | Short expansion Insulation Thickness | Long expansion Hole Depth | Long expansion Insulation Thickness | Carton Packing |
|--------------|---------------------|----------------|---------------|----------------------------|--------------------------------------|---------------------------|-------------------------------------|----------------|
| TETX10100MH  | 10                  | 60             | 100           | 30                         | 60                                   | 70                        | 20                                  | 100            |
| TETX10120MH  | 10                  | 60             | 120           | 30                         | 80                                   | 70                        | 40                                  | 100            |
| TETX10140MH  | 10                  | 60             | 140           | 30                         | 100                                  | 70                        | 60                                  | 100            |
| TETX10160MH  | 10                  | 60             | 160           | 30                         | 120                                  | 70                        | 80                                  | 100            |
| TETX10180MH  | 10                  | 60             | 180           | 30                         | 140                                  | 70                        | 100                                 | 100            |
| TETX10200MH  | 10                  | 60             | 200           | 30                         | 160                                  | 70                        | 120                                 | 100            |
| TETX10220MH  | 10                  | 60             | 220           | 30                         | 180                                  | 70                        | 140                                 | 100            |
| TETX10240MH  | 10                  | 60             | 240           | 30                         | 200                                  | 70                        | 160                                 | 100            |
| TETX10260MH  | 10                  | 60             | 260           | 30                         | 220                                  | 70                        | 180                                 | 100            |
| TETX10280MH  | 10                  | 60             | 280           | 30                         | 240                                  | 70                        | 200                                 | 100            |
| TETX10300MH  | 10                  | 60             | 300           | 30                         | 260                                  | 70                        | 220                                 | 100            |
| TETX10340MH  | 10                  | 60             | 340           | 30                         | 300                                  | 70                        | 260                                 | 100            |
| TETX10380MH  | 10                  | 60             | 380           | 30                         | 340                                  | 70                        | 300                                 | 100            |
| TETX10420MH  | 10                  | 60             | 420           | 30                         | 380                                  | 70                        | 340                                 | 100            |



### Insulation Fixing - Plate with Screw

Available with Self Drilling or wood screw



| Product Reference | Washer Diameter (mm) | Screw Length (mm) | Screw Diameter (mm) | Box Packing | Outer Packing |
|-------------------|----------------------|-------------------|---------------------|-------------|---------------|
| TIA60PP080        | 60                   | 80                | 4-6                 | 100         | -             |
| TIA60PP100        | 60                   | 100               | 4-6                 | 100         | -             |
| TIA60PP120        | 60                   | 120               | 4-6                 | 100         | -             |
| TIA60PP140        | 60                   | 140               | 4-6                 | 100         | -             |
| TIA60PP160        | 60                   | 160               | 4-6                 | 100         | -             |
| TIA60PP180        | 60                   | 180               | 4-6                 | 50          | -             |
| TIA60PP200        | 60                   | 200               | 4-6                 | 50          | -             |
| TIA60PP220        | 60                   | 220               | 4-6                 | 50          | -             |
| TIA60PP250        | 60                   | 250               | 4-6                 | 50          | -             |
| TIA60PP300        | 60                   | 300               | 4-6                 | 50          | -             |



### Insulation Pressure Plates

| Product Reference | Washer Diameter (mm) | Box Packing |
|-------------------|----------------------|-------------|
| TIAPP090          | 90                   | 100         |
| TIAPP110          | 110                  | 100         |
| TIAPP130          | 130                  | 100         |



### Plastic Insulation Screws

| Product Reference | Anchor Diameter (mm) | Anchor Length | Drive        | Box Packing | Outer Packing |
|-------------------|----------------------|---------------|--------------|-------------|---------------|
| TIFD50            | 25                   | 50            | M6 Allen Key | 20          | 1000          |
| TIFD90            | 25                   | 90            | M6 Allen Key | 15          | 750           |
| TIFD130           | 25                   | 130           | M6 Allen Key | 10          | 500           |



### Insulation Cutter

| Product Reference | Cutter Diameter (mm) | Cutter Depth (mm) |
|-------------------|----------------------|-------------------|
| TIADC             | 67                   | 20                |



### SDS Plus XTC 4 Cutter Drill Bits



| Product Code | Drill Diameter (mm) | Working Length (mm) | Overall Length (mm) |
|--------------|---------------------|---------------------|---------------------|
| TXTC05110    | 5                   | 50                  | 110                 |
| TXTC06110    | 6                   | 50                  | 110                 |
| TXTC07110    | 7                   | 50                  | 110                 |
| TXTC08110    | 8                   | 50                  | 110                 |
| TXTC05160    | 5                   | 100                 | 160                 |
| TXTC06160    | 6                   | 100                 | 160                 |
| TXTC08160    | 8                   | 100                 | 160                 |
| TXTC10160    | 10                  | 100                 | 160                 |
| TXTC12160    | 12                  | 100                 | 160                 |
| TXTC16160    | 16                  | 100                 | 160                 |
| TXTC06210    | 6                   | 150                 | 210                 |
| TXTC08210    | 8                   | 150                 | 210                 |
| TXTC10210    | 10                  | 150                 | 210                 |

| Product Code | Drill Diameter (mm) | Working Length (mm) | Overall Length (mm) |
|--------------|---------------------|---------------------|---------------------|
| TXTC12210    | 12                  | 150                 | 210                 |
| TXTC16210    | 16                  | 150                 | 210                 |
| TXTC06260    | 6                   | 200                 | 260                 |
| TXTC65260    | 6.5                 | 200                 | 260                 |
| TXTC08260    | 8                   | 200                 | 260                 |
| TXTC10260    | 10                  | 200                 | 260                 |
| TXTC12260    | 12                  | 200                 | 260                 |
| TXTC14260    | 14                  | 200                 | 260                 |
| TXTC16260    | 16                  | 200                 | 260                 |
| TXTC08310    | 8                   | 250                 | 310                 |
| TXTC10310    | 10                  | 250                 | 310                 |
| TXTC12310    | 12                  | 250                 | 310                 |
| TXTC14310    | 14                  | 250                 | 310                 |
| TXTC16310    | 16                  | 250                 | 310                 |



### Kit of SDS Plus XTC 4 Cutter Drill Bits



| Product Code | Drill Diameter (mm) | Working Length (mm) | Overall Length (mm) |
|--------------|---------------------|---------------------|---------------------|
| P10TXTC05110 | 5                   | 50                  | 110                 |
| P10TXTC06110 | 6                   | 50                  | 110                 |
| P10TXTC07110 | 7                   | 50                  | 110                 |
| P10TXTC08110 | 8                   | 50                  | 110                 |
| P10TXTC05160 | 5                   | 100                 | 160                 |
| P10TXTC06160 | 6                   | 100                 | 160                 |
| P10TXTC08160 | 8                   | 100                 | 160                 |

| Product Code | Drill Diameter (mm) | Working Length (mm) | Overall Length (mm) |
|--------------|---------------------|---------------------|---------------------|
| P10TXTC10160 | 10                  | 100                 | 160                 |
| P10TXTC12160 | 12                  | 100                 | 160                 |
| P10TXTC06210 | 6                   | 150                 | 210                 |
| P10TXTC08210 | 8                   | 150                 | 210                 |
| P10TXTC10210 | 10                  | 150                 | 210                 |
| P10TXTC12210 | 12                  | 150                 | 210                 |

\*The kit includes 10 drill bits.



## POWER PLUS - SDS-Plus Hammer Drill Bits

| Product Code | Drill Diameter (mm) | Working Length (mm) | Overall Length (mm) |
|--------------|---------------------|---------------------|---------------------|
| TCPP05110    | 5                   | 50                  | 110                 |
| TCPP05160    | 5                   | 100                 | 160                 |
| TCPP06110    | 6                   | 50                  | 110                 |
| TCPP06160    | 6                   | 100                 | 160                 |
| TCPP06210    | 6                   | 150                 | 210                 |
| TCPP06260    | 6.5                 | 200                 | 260                 |
| TCPP06310    | 6.5                 | 250                 | 310                 |
| TCPP07160    | 7                   | 100                 | 160                 |
| TCPP07210    | 7                   | 150                 | 210                 |
| TCPP08110    | 8                   | 50                  | 110                 |
| TCPP08160    | 8                   | 100                 | 160                 |
| TCPP08210    | 8                   | 150                 | 210                 |
| TCPP08260    | 8                   | 200                 | 260                 |
| TCPP08310    | 8                   | 260                 | 310                 |
| TCPP08460    | 8                   | 400                 | 460                 |
| TCPP10110    | 10                  | 50                  | 110                 |
| TCPP10160    | 10                  | 100                 | 160                 |
| TCPP10210    | 10                  | 150                 | 210                 |
| TCPP10260    | 10                  | 200                 | 260                 |
| TCPP10310    | 10                  | 250                 | 310                 |
| TCPP10460    | 10                  | 400                 | 460                 |
| TCPP10610    | 10                  | 550                 | 610                 |

| Product Code | Drill Diameter (mm) | Working Length (mm) | Overall Length (mm) |
|--------------|---------------------|---------------------|---------------------|
| TCPP12160    | 12                  | 100                 | 160                 |
| TCPP12210    | 12                  | 150                 | 210                 |
| TCPP12260    | 12                  | 200                 | 260                 |
| TCPP12310    | 12                  | 250                 | 310                 |
| TCPP12460    | 12                  | 400                 | 460                 |
| TCPP12610    | 12                  | 550                 | 610                 |
| TCPP14160    | 14                  | 100                 | 160                 |
| TCPP14210    | 14                  | 150                 | 210                 |
| TCPP14260    | 14                  | 200                 | 260                 |
| TCPP14310    | 14                  | 250                 | 310                 |
| TCPP14460    | 14                  | 400                 | 460                 |
| TCPP16160    | 16                  | 100                 | 160                 |
| TCPP16210    | 16                  | 150                 | 210                 |
| TCPP16310    | 16                  | 250                 | 310                 |
| TCPP16460    | 16                  | 400                 | 460                 |
| TCPP16610    | 16                  | 550                 | 610                 |
| TCPP18210    | 18                  | 150                 | 210                 |
| TCPP18310    | 18                  | 250                 | 310                 |
| TCPP20310    | 20                  | 250                 | 310                 |
| TCPP20610    | 20                  | 550                 | 610                 |



## SDS + Stop Drop in drill bits

| Product Code | Description                  | Box Packing |
|--------------|------------------------------|-------------|
| TCPD1033     | M10 x 33 SDS+ Drill bit STOP | 1           |
| TCPD1243     | M12 x 43 SDS+ Drill bit STOP | 1           |
| TCPD1552     | M15 x 53 SDS+ Drill bit STOP | 1           |



### B3EXTREME - SDS MAX Drill Bits

| Product Code | Drill Diameter (mm) | Working Length (mm) | Overall Length (mm) |
|--------------|---------------------|---------------------|---------------------|
| TCME12340    | 12                  | 200                 | 340                 |
| TCME12540    | 12                  | 400                 | 540                 |
| TCME13340    | 13                  | 200                 | 340                 |
| TCME13540    | 13                  | 400                 | 540                 |
| TCME14340    | 14                  | 200                 | 340                 |
| TCME14540    | 14                  | 400                 | 540                 |
| TCME15340    | 15                  | 200                 | 340                 |

| Product Code | Drill Diameter (mm) | Working Length (mm) | Overall Length (mm) |
|--------------|---------------------|---------------------|---------------------|
| TCME16340    | 16                  | 200                 | 340                 |
| TCME16540    | 16                  | 400                 | 540                 |
| TCME18340    | 18                  | 200                 | 340                 |
| TCME18540    | 18                  | 400                 | 540                 |
| TCME20340    | 20                  | 200                 | 340                 |
| TCME20540    | 20                  | 400                 | 540                 |



### SDS MAX Drill Bits

| Product Code | Drill Diameter (mm) | Working Length (mm) | Overall Length (mm) |
|--------------|---------------------|---------------------|---------------------|
| TCMU16690    | 16                  | 550                 | 690                 |
| TCMU16920    | 16                  | 780                 | 920                 |
| TCMU18690    | 18                  | 550                 | 690                 |
| TCMU18920    | 18                  | 780                 | 920                 |
| TCMU20690    | 20                  | 550                 | 690                 |
| TCMU20920    | 20                  | 780                 | 920                 |
| TCMU22340    | 22                  | 200                 | 340                 |
| TCMU22540    | 22                  | 400                 | 540                 |
| TCMU24340    | 24                  | 200                 | 340                 |
| TCMU24540    | 24                  | 400                 | 540                 |
| TCMU24690    | 24                  | 550                 | 690                 |
| TCMU25340    | 25                  | 200                 | 340                 |
| TCMU25540    | 25                  | 400                 | 540                 |

| Product Code | Drill Diameter (mm) | Working Length (mm) | Overall Length (mm) |
|--------------|---------------------|---------------------|---------------------|
| TCMU26340    | 26                  | 200                 | 340                 |
| TCMU26540    | 26                  | 400                 | 540                 |
| TCMU28340    | 28                  | 200                 | 340                 |
| TCMU28690    | 28                  | 550                 | 690                 |
| TCMU28920    | 28                  | 780                 | 920                 |
| TCMU30540    | 30                  | 400                 | 540                 |
| TCMU32540    | 32                  | 400                 | 540                 |
| TCMU35540    | 35                  | 400                 | 540                 |
| TCMU36540    | 36                  | 400                 | 540                 |
| TCMU36920    | 36                  | 780                 | 920                 |
| TCMU38540    | 38                  | 400                 | 540                 |
| TCMU40690    | 40                  | 550                 | 690                 |
| TCMU40920    | 40                  | 780                 | 920                 |
| TCMU42690    | 42                  | 550                 | 690                 |
| TCMU42920    | 42                  | 780                 | 920                 |





## SDS-PLUS SPEED-DUSTER



| Product Code | Cutting Edges | Drill Diameter (mm) | Working Length (mm) | Overall Length (mm) |
|--------------|---------------|---------------------|---------------------|---------------------|
| TSD0312410   | 3             | 12                  | 265                 | 410                 |
| TSD0314410   | 3             | 14                  | 265                 | 410                 |
| TSD0316410   | 3             | 16                  | 265                 | 410                 |
| TSD0318410   | 3             | 18                  | 265                 | 410                 |
| TSD0320410   | 3             | 20                  | 265                 | 410                 |



## SDS-MAX SPEED-DUSTER 3 Head



| Product Code | Cutting Edges | Drill Diameter (mm) | Working Length (mm) | Overall Length (mm) |
|--------------|---------------|---------------------|---------------------|---------------------|
| TSD0314610   | 3             | 14                  | 400                 | 610                 |
| TSD0316610   | 3             | 16                  | 400                 | 610                 |
| TSD0318610   | 3             | 18                  | 400                 | 610                 |
| TSD0320610   | 3             | 20                  | 400                 | 610                 |



## SDS-MAX SPEED-DUSTER 10 Head



| Product Code | Cutting Edges | Drill Diameter (mm) | Working Length (mm) | Overall Length (mm) |
|--------------|---------------|---------------------|---------------------|---------------------|
| TSD1022610   | 10            | 22                  | 400                 | 610                 |
| TSD1025610   | 10            | 25                  | 400                 | 610                 |
| TSD1028610   | 10            | 28                  | 400                 | 610                 |
| TSD1030610   | 10            | 30                  | 400                 | 610                 |
| TSD1032610   | 10            | 32                  | 400                 | 610                 |
| TSD1035610   | 10            | 35                  | 400                 | 610                 |



## SPEED-DUSTER ADAPTOR



| Product Code | Description                  | Box Packing |
|--------------|------------------------------|-------------|
| TSDAP        | SDS + Speed-Duster Adaptor   | 1           |
| TSDAM        | SDS MAX Speed-Duster Adaptor | 1           |



### SDS-Plus Chisels

| Product Code | Description/Dimensions (mm) | Overall Length (mm) |
|--------------|-----------------------------|---------------------|
| TPPC12250    | Pointed Ø12x250             | 250                 |
| TPPC14250    | Pointed Ø14x250             | 250                 |
| TPFC20250    | Flat Chisel 20mm            | 250                 |
| TPFC40250    | Flat Chisel 40mm            | 200                 |
| TCPC22250    | Concrete Chasing 22mm       | 250                 |
| TPAB40200    | Angle Chisel 40mm           | 200                 |



### SDS MAX Chisels

| Product Code | Description/Dimensions (mm)  | Overall Length (mm) |
|--------------|------------------------------|---------------------|
| TMPC18280    | Pointed Ø18x280              | 280                 |
| TMPC18400    | Pointed Ø18x400              | 400                 |
| TMFC24280    | Flat Chisel 24mm             | 280                 |
| TMFC24400    | Flat Chisel 24mm             | 400                 |
| TMFC50360    | Flat Chisel 50mm             | 360                 |
| TMFC80300    | Flat Chisel 80mm             | 300                 |
| TMFC115350   | Flat Chisel 115mm            | 350                 |
| TCMC26300    | Concrete Chasing Chisel 26mm | 300                 |
| TMAB50300    | Flat Chisel Crouched 50mm    | 300                 |
| THBH1645     | Bush Hammer Head             | 280                 |



### Flat Ultra-Thin Abrasive Wheels for Cutting of Steel

| Product Code | Disc Dimensions<br>D x H x d [mm] | Maximum<br>Operating Speed<br>(rev/min) | Colour label | Box Packing | Weight (kg/pcs) |
|--------------|-----------------------------------|-----------------------------------------|--------------|-------------|-----------------|
| TAMF125/1.0C | 125x1.0x22.2                      | 12200                                   | Blue         | 25          | 0,03            |
| TAMF125/1.6C | 125x1.6x22.2                      | 12200                                   | Blue         | 25          | 0,04            |
| TAMF230/2.0C | 230x2.0x22.2                      | 6600                                    | Blue         | 25          | 0,183           |



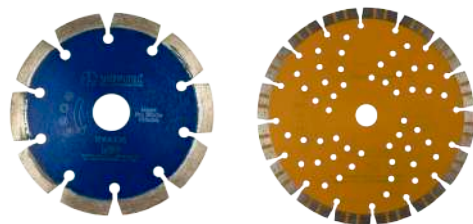
### Flat Abrasive Wheels for Cutting of Stainless and Acid Resistant Steel, INOX

| Product Code   | Disc Dimensions<br>D x H x d [mm] | Maximum<br>Operating Speed<br>(rev/min) | Colour label | Box Packing | Weight (kg/pcs) |
|----------------|-----------------------------------|-----------------------------------------|--------------|-------------|-----------------|
| TSSF125/1.0CMM | 125x1.0x22.2                      | 12200                                   | Silver       | 25          | 0,03            |
| TSSF230/2.0CMM | 230x2.0x22.2                      | 6600                                    | Silver       | 25          | 0,186           |



### Depressed-Centre Abrasive Wheels for Grinding Steel

| Product Code  | Disc Dimensions<br>D x H x d [mm] | Maximum<br>Operating Speed<br>(rev/min) | Colour label | Box Packing | Weight (kg/pcs) |
|---------------|-----------------------------------|-----------------------------------------|--------------|-------------|-----------------|
| TAMDC125/6.0G | 125x6.0x22.2                      | 12200                                   | Red          | 10          | 0,162           |



### Diamond Cutting Discs

| Product Code | Product Type | Dimensions mm | Packaging |
|--------------|--------------|---------------|-----------|
| TDDL125      | Laser 125mm  | 125/22,5      | 1         |
| TDDL230      | Laser 230mm  | 230/22,5      | 1         |
| TDDT125      | Turbo 125mm  | 125/22,5      | 1         |
| TDDT230      | Turbo 230mm  | 230/22,5      | 1         |



Drywall Screw - Coarse Thread (Black Phosphate)

| Product Code | Screw Diameter (mm) | Screw Length (mm) | Head Type | Box Packing | Outer Packing | Pallet Packing |
|--------------|---------------------|-------------------|-----------|-------------|---------------|----------------|
| TDWS35025C   | 3.5                 | 25                | PH2       | 1000        | 5000          | 300000         |
| TDWS35032C   | 3.5                 | 32                | PH2       | 1000        | 5000          | 300000         |
| TDWS35035C   | 3.5                 | 35                | PH2       | 1000        | 5000          | 300000         |
| TDWS35038C   | 3.5                 | 38                | PH2       | 1000        | 5000          | 300000         |
| TDWS35045C   | 3.5                 | 45                | PH2       | 1000        | 5000          | 300000         |
| TDWS35050C   | 3.5                 | 50                | PH2       | 1000        | 5000          | 300000         |
| TDWS35055C   | 3.5                 | 55                | PH2       | 500         | 2500          | 150000         |
| TDWS35060C   | 3.5                 | 60                | PH2       | 500         | 2500          | 150000         |
| TDWS42065C   | 4.2                 | 65                | PH2       | 500         | 2500          | 150000         |
| TDWS42075C   | 4.2                 | 75                | PH2       | 500         | 2500          | 150000         |
| TDWS48100C   | 4.8                 | 100               | PH2       | 250         | 1250          | 75000          |



Drywall Screw - Fine Thread (Black Phosphate)

| Product Code | Screw Diameter (mm) | Screw Length (mm) | Head Type | Box Packing | Outer Packing | Pallet Packing |
|--------------|---------------------|-------------------|-----------|-------------|---------------|----------------|
| TDWS35025F   | 3.5                 | 25                | PH2       | 1000        | 5000          | 300000         |
| TDWS35032F   | 3.5                 | 32                | PH2       | 1000        | 5000          | 300000         |
| TDWS35035F   | 3.5                 | 35                | PH2       | 1000        | 5000          | 300000         |
| TDWS35038F   | 3.5                 | 38                | PH2       | 1000        | 5000          | 300000         |
| TDWS35045F   | 3.5                 | 45                | PH2       | 1000        | 5000          | 300000         |
| TDWS35050F   | 3.5                 | 50                | PH2       | 1000        | 5000          | 300000         |
| TDWS35055F   | 3.5                 | 55                | PH2       | 500         | 2500          | 150000         |
| TDWS35060F   | 3.5                 | 60                | PH2       | 500         | 2500          | 150000         |
| TDWS42065F   | 4.2                 | 65                | PH2       | 500         | 2500          | 150000         |
| TDWS42075F   | 4.2                 | 75                | PH2       | 500         | 2500          | 150000         |
| TDWS48100F   | 4.8                 | 100               | PH2       | 250         | 1250          | 75000          |



Drywall Screw - Collated Coarse Thread (Black Phosphate)

| Product Code | Screw Diameter (mm) | Screw Length (mm) | Head Type | Box Packing | Outer Packing | Pallet Packing |
|--------------|---------------------|-------------------|-----------|-------------|---------------|----------------|
| TDWS35025CF  | 3.5                 | 25                | PH2       | 1000        | 10000         | 180000         |
| TDWS35032CF  | 3.5                 | 32                | PH2       | 1000        | 10000         | 180000         |
| TDWS35035CF  | 3.5                 | 35                | PH2       | 1000        | 10000         | 180000         |
| TDWS35038CF  | 3.5                 | 38                | PH2       | 1000        | 10000         | 180000         |
| TDWS35045CF  | 3.5                 | 45                | PH2       | 1000        | 6000          | 108000         |
| TDWS35050CF  | 3.5                 | 50                | PH2       | 1000        | 6000          | 108000         |
| TDWS35055CF  | 3.5                 | 55                | PH2       | 1000        | 6000          | 108000         |
| TDWS35060CF  | 3.5                 | 60                | PH2       | 1000        | 6000          | 108000         |
| TDWS42065CF  | 4.2                 | 65                | PH2       | 1000        | 4000          | 72000          |



### Drywall Screw - Self Tapping (Steel White Zinc Plated)

| Product Code | Screw Diameter (mm) | Screw Length (mm) | Head Type | Box Packing | Outer Packing | Pallet Packing |
|--------------|---------------------|-------------------|-----------|-------------|---------------|----------------|
| TDWS35025ST  | 3.5                 | 25                | PH2       | 1000        | 5000          | 300000         |
| TDWS35032ST  | 3.5                 | 32                | PH2       | 1000        | 5000          | 300000         |
| TDWS35035ST  | 3.5                 | 35                | PH2       | 1000        | 5000          | 300000         |
| TDWS35038ST  | 3.5                 | 38                | PH2       | 1000        | 5000          | 300000         |
| TDWS35045ST  | 3.5                 | 45                | PH2       | 1000        | 5000          | 300000         |
| TDWS35050ST  | 3.5                 | 50                | PH2       | 1000        | 5000          | 300000         |
| TDWS35055ST  | 3.5                 | 55                | PH2       | 500         | 2500          | 150000         |
| TDWS35060ST  | 3.5                 | 60                | PH2       | 500         | 2500          | 150000         |
| TDWS42065ST  | 4.2                 | 65                | PH2       | 500         | 2500          | 150000         |
| TDWS42075ST  | 4.2                 | 75                | PH2       | 500         | 2500          | 150000         |
| TDWS48100ST  | 4.8                 | 100               | PH2       | 250         | 1250          | 75000          |



### Drywall Screw - Fine Thread (Steel White Zinc Plated)

| Product Code | Screw Diameter (mm) | Screw Length (mm) | Head Type | Box Packing | Outer Packing | Pallet Packing |
|--------------|---------------------|-------------------|-----------|-------------|---------------|----------------|
| TDWS35025FZ  | 3.5                 | 25                | PH2       | 1000        | 5000          | 300000         |
| TDWS35032FZ  | 3.5                 | 32                | PH2       | 1000        | 5000          | 300000         |
| TDWS35035FZ  | 3.5                 | 35                | PH2       | 1000        | 5000          | 300000         |
| TDWS35038FZ  | 3.5                 | 38                | PH2       | 1000        | 5000          | 300000         |
| TDWS35045FZ  | 3.5                 | 45                | PH2       | 1000        | 5000          | 300000         |
| TDWS35050FZ  | 3.5                 | 50                | PH2       | 1000        | 5000          | 300000         |
| TDWS35055FZ  | 3.5                 | 55                | PH2       | 500         | 2500          | 150000         |
| TDWS35060FZ  | 3.5                 | 60                | PH2       | 500         | 2500          | 150000         |
| TDWS42065FZ  | 4.2                 | 65                | PH2       | 500         | 2500          | 150000         |
| TDWS42075FZ  | 4.2                 | 75                | PH2       | 500         | 2500          | 150000         |
| TDWS48100FZ  | 4.8                 | 100               | PH2       | 250         | 1250          | 75000          |



### Drywall Screw - Collated Fine Thread (Steel White Zinc Plated)

| Product Code | Screw Diameter (mm) | Screw Length (mm) | Head Type | Box Packing | Outer Packing | Pallet Packing |
|--------------|---------------------|-------------------|-----------|-------------|---------------|----------------|
| TDWS35025SZ  | 3.5                 | 25                | PH2       | 1000        | 10000         | 180000         |
| TDWS35032SZ  | 3.5                 | 32                | PH2       | 1000        | 10000         | 180000         |
| TDWS35035SZ  | 3.5                 | 35                | PH2       | 1000        | 10000         | 180000         |
| TDWS35038SZ  | 3.5                 | 38                | PH2       | 1000        | 10000         | 180000         |
| TDWS35045SZ  | 3.5                 | 45                | PH2       | 1000        | 6000          | 108000         |
| TDWS35050SZ  | 3.5                 | 50                | PH2       | 1000        | 6000          | 108000         |
| TDWS35055SZ  | 3.5                 | 55                | PH2       | 1000        | 6000          | 108000         |
| TDWS35060SZ  | 3.5                 | 60                | PH2       | 1000        | 6000          | 108000         |
| TDWS42065SZ  | 4.2                 | 65                | PH2       | 1000        | 4000          | 72000          |



#### Metal Framing Screw - Wafer Head (Steel White Zinc Plated)

| Product Code | Screw Diameter (mm) | Screw Length (mm) | Point Type    | Head Type | Box Packing | Outer Packing | Pallet Packing |
|--------------|---------------------|-------------------|---------------|-----------|-------------|---------------|----------------|
| TMFS42013W   | 4.2                 | 13                | Self-Drilling | PH2       | 1000        | 5000          | 300000         |
| TMFS42016W   | 4.2                 | 16                | Self-Drilling | PH2       | 1000        | 5000          | 300000         |
| TMFS42019W   | 4.2                 | 19                | Self-Drilling | PH2       | 1000        | 5000          | 300000         |
| TMFS42025W   | 4.2                 | 25                | Self-Drilling | PH2       | 1000        | 5000          | 300000         |
| TMFS42013WS  | 4.2                 | 13                | Sharp         | PH2       | 1000        | 5000          | 300000         |



#### Metal Framing Screw - Standard Profile (Steel White Zinc Plated)

| Product Code | Screw Diameter (mm) | Screw Length (mm) | Head Type | Box Packing | Outer Packing | Pallet Packing |
|--------------|---------------------|-------------------|-----------|-------------|---------------|----------------|
| TMFS35025    | 3.5                 | 25                | PH2       | 1000        | 5000          | 300000         |
| TMFS42025    | 4.2                 | 25                | PH2       | 1000        | 5000          | 300000         |
| TMFS35016    | 3.5                 | 16                | PH2       | 1000        | 5000          | 300000         |
| TMFS42013    | 4.2                 | 13                | PH2       | 1000        | 5000          | 300000         |
| TMFS42019    | 4.2                 | 19                | PH2       | 1000        | 5000          | 300000         |
| TMFS39011    | 3.9                 | 11                | PH2       | 1000        | 5000          | 300000         |



#### Metal Framing Screw - Flat Head Low Profile (Steel White Zinc Plated)

| Product Code | Screw Diameter (mm) | Screw Length (mm) | Head Type | Box Packing | Outer Packing | Pallet Packing |
|--------------|---------------------|-------------------|-----------|-------------|---------------|----------------|
| TMFS35025F   | 3.5                 | 25                | PH2       | 1000        | 5000          | 300000         |
| TMFS42025F   | 4.2                 | 25                | PH2       | 1000        | 5000          | 300000         |
| TMFS35016F   | 3.5                 | 16                | PH2       | 1000        | 5000          | 300000         |
| TMFS42013F   | 4.2                 | 13                | PH2       | 1000        | 5000          | 300000         |
| TMFS42019F   | 4.2                 | 19                | PH2       | 1000        | 5000          | 300000         |
| TMFS48022F   | 4.8                 | 22                | PH2       | 1000        | 5000          | 300000         |



### Double Threaded Bolt Kit - A2 Stainless

| Product Code | Hole Diameter (mm) | Anchor Length (mm) | Socket Wrench | Nut           | Box Packing | Outer Packing |
|--------------|--------------------|--------------------|---------------|---------------|-------------|---------------|
| TDTB10250    | 10                 | 250                | SW7           | DIN -6923 x 3 | 25          | 200           |



### Self Tapping Screw Kit - A2 Stainless

| Product Code | Hole Diameter (mm) | Anchor Length (mm) | Socket Wrench | Nut             | Box Packing | Outer Packing |
|--------------|--------------------|--------------------|---------------|-----------------|-------------|---------------|
| TSTSK10160   | 10                 | 160                | SW5           | DIN - 985 & 934 | 25          | 200           |
| TSTSK10200   | 10                 | 200                | SW5           | DIN - 985 & 934 | 25          | 200           |



### Adaptor Plates - A2 Stainless

| Product Code | Size | Anchor Length (mm) | Anchor Width (mm) | Hole Size (mm) | Box Packing | Outer Packing |
|--------------|------|--------------------|-------------------|----------------|-------------|---------------|
| TPVAP10      | M10  | 82                 | 30                | 11 x 29.5      | 50          | 1000          |
| TPVAP12      | M12  | 82                 | 30                | 11 x 29.5      | 50          | 1000          |



### Roof Hook (universal) - A2 Stainless

| Product Code | Hook Size (mm) | Plate Size (mm) | Adjustable Height (mm) | Use With Bolt | Box Packing | Outer Packing |
|--------------|----------------|-----------------|------------------------|---------------|-------------|---------------|
| TPVRH30      | 30x5           | 140x56x5        | 40-55                  | M8            | 25          | 500           |



### Round Head Screw DIN-603 - A2 Stainless

| Product Code | Anchor Diameter (mm) | Anchor Length (mm) | Head Diameter (mm) | DIN       | Box Packing | Outer Packing |
|--------------|----------------------|--------------------|--------------------|-----------|-------------|---------------|
| TDIN603816   | 8                    | 16                 | 20                 | DIN - 603 | 50          | 1000          |



### Cross Connector - A2 Stainless

| Product Code | Anchor Diameter (mm) | Anchor Length (mm) | Connector Length (mm) | DIN           | Box Packing | Outer Packing |
|--------------|----------------------|--------------------|-----------------------|---------------|-------------|---------------|
| TPVCCM8      | 8                    | 20                 | 23                    | DIN - 6923 M8 | 50          | 1000          |



### DIN 6921 - A2 Stainless

| Product Code | Anchor Diameter (mm) | Anchor Length (mm) | Washer Diameter (mm) | DIN           | Box Packing | Outer Packing |
|--------------|----------------------|--------------------|----------------------|---------------|-------------|---------------|
| THFD0820     | 8                    | 20                 | 23                   | DIN - 6921 M8 | 50          | 1000          |
| THFD0850     | 8                    | 50                 | 23                   | DIN - 6921 M8 | 50          | 1000          |
| THFD0870     | 8                    | 70                 | 23                   | DIN - 6921 M8 | 50          | 1000          |



### Thin Sheet Screw A2 EPDM Washer

| Product Code | Anchor Diameter (mm) | Anchor Length (mm) | Washer Diameter (mm) | Socket Wrench | Box Packing | Outer Packing |
|--------------|----------------------|--------------------|----------------------|---------------|-------------|---------------|
| TPVTSS5516   | 5.5                  | 25                 | 16                   | Sw8           | 100         | 2000          |



### Bi - Metal Thin Sheet Screw - A2 Stainless EPDM Washer

| Product Code | Anchor Diameter (mm) | Anchor Length (mm) | Washer Diameter (mm) | Socket Wrench | Box Packing | Outer Packing |
|--------------|----------------------|--------------------|----------------------|---------------|-------------|---------------|
| TPVTSS0616SS | 6                    | 25                 | 16                   | Sw8           | 100         | 2000          |



### Self Drilling Screw A2 EPDM Washer

| Product Code | Anchor Diameter (mm) | Anchor Length (mm) | Washer Diameter (mm) | Socket Wrench | Box Packing | Outer Packing |
|--------------|----------------------|--------------------|----------------------|---------------|-------------|---------------|
| TPVTSS5516   | 6                    | 25                 | 16                   | Sw8           | 100         | 2000          |



### Bi - Metal Self Drilling Screw - A2 Stainless A2 EPDM Washer

| Product Code | Anchor Diameter (mm) | Anchor Length (mm) | Washer Diameter (mm) | Socket Wrench | Box Packing | Outer Packing |
|--------------|----------------------|--------------------|----------------------|---------------|-------------|---------------|
| TPVTSS5516   | 6                    | 25                 | 16                   | Sw8           | 100         | 2000          |





TCD090 - Combi Drill Driver

| Battery Capacity | Battery Full Charge Time | No Load Speed                          | No Load Speed Impact                    | Maximum Torque | Torque Settings | Chuck Capacity |
|------------------|--------------------------|----------------------------------------|-----------------------------------------|----------------|-----------------|----------------|
| 5.Ah             | 60min                    | 0-600 RPM (1st / 2nd Gear) 0-2,000 RPM | 0/9,600RPM (1st/ 2nd Gear) 0-32,000 RPM | 90Nm           | 23              | 1.5 - 13mm     |



TIWD230 - 2 In 1 Impact Wrench / Driver

| Battery Capacity | Battery Full Charge Time | No Load Speed | Tool Holder                            | Maximum Torque |
|------------------|--------------------------|---------------|----------------------------------------|----------------|
| 5.Ah             | 60min                    | 0-2,800 RPM   | 6.35mm (1/4") Bit & 13mm (1/2") Socket | 230Nm          |



TIW400 - Impact Wrench 400Nm

| Battery Capacity | Battery Full Charge Time | No Load Speed | Impact Rate | Maximum Torque | Tool Holder |
|------------------|--------------------------|---------------|-------------|----------------|-------------|
| 5.Ah             | 60min                    | 0-2,800RPM    | 0-2,400 IPM | 400Nm          | 13mm (1/2") |



TIW800 - Impact Wrench 800Nm

| Battery Capacity | Battery Full Charge Time | No Load Speed                         | Impact Rate | Maximum Torque | Tool Holder |
|------------------|--------------------------|---------------------------------------|-------------|----------------|-------------|
| 5.Ah             | 60min                    | 0-1,000 RPM, 0-1,500 RPM, 0-1,900 RPM | 0-2,400 IPM | 800Nm          | 13mm (1/2") |



TRH20 - Rotary Hammer 2.4J

Battery  
CapacityBattery Full  
Charge TimeNo Load  
SpeedImpact  
RateImpact  
EnergyDrilling  
CapacityOptimum Drilling  
Capacity

5.Ah

60min

0-1,150 RPM

0-5,100 IPM

2.4J

20mm (Concrete)

10mm (Concrete)



TRH26 - Rotary Hammer 4.0J

Battery  
CapacityBattery Full  
Charge TimeNo Load  
SpeedImpact  
RateImpact  
EnergyDrilling  
CapacityOptimum Drilling  
Capacity

5.Ah

60min

0-980RPM

0-4,350IPM

4.0J

26mm (Concrete)

16mm (Concrete)



TAG125 - Angle Grinder 125mm

Battery  
CapacityBattery Full  
Charge TimeNo Load  
SpeedDisc  
Diameter

Spindle Thread

5.Ah

60min

0-9,000 RPM

100mm / 115mm /  
125mm

M14



TCWS165 - Circular Saw 165mm

Battery  
CapacityBattery Full  
Charge TimeNo Load  
SpeedSaw Blade  
DiameterCutting  
Depth (mm)

5.Ah

60min

0-5,000 RPM

165mm (6-1/2")

67mm at 90°  
/ 45mm at 45°



TMT100 - Multi Tool

Battery  
CapacityBattery Full  
Charge TimeNo Load  
SpeedOscillating  
AngleMaximum  
Cutting Capacity

5.Ah

60min

9,000-21,000  
RPM

4°

4.5 M/S<sup>2</sup>

TDW100 - Drywall Collated Screwdriver

Battery  
CapacityBattery Full  
Charge TimeNo Load  
SpeedScrew  
LengthScrew  
Diameter (mm)

5.Ah

60min

0-5,000SPM

20mm - 57mm

3.5 - 4.2



TRS100 - Reciprocating Saw

Battery  
CapacityBattery Full  
Charge TimeNo Load  
Reciprocating RateMax Cutting  
Capacity

Stroke Length

5.Ah

60min

0-3,000 RPM

Wood: 200, Metal Pipe:  
100mm, Steel: 15mm

26mm



TJS100 - Jigsaw

Battery  
CapacityBattery Full  
Charge TimeNo Load  
Reciprocating RateMax Cutting  
Capacity

Stroke Length

5.Ah

60min

0-3,500 RPM

Wood: 135, Alu: 20mm  
Steel: 10mm

25mm



(1)



(2)



(3)



(4)

(5)



### TLED LED Light Range

Battery  
Capacity

5.Ah

Battery Full  
Charge Time

60min

Maximum  
Output

1): 500 lm / 1,000 lm  
2): 1,000 lm / 2,000 lm  
3): 1,250 lm / 2,500 lm / 5,000 lm  
4): 1,500lm / 3,000 lm  
5): 6,500lm



### TDR100 - Digital Radio

Voltage

AC: 220-240V  
DC: 20V

Frequency

50/ 60HZ

Output  
Power

16W6.5Kn

DAB

174-240 MHZ

FM

87.5 - 108 MHZ

Bluetooth

V 5.0

**Battery and Charger**

| Product Code | Description                | Box Packing |
|--------------|----------------------------|-------------|
| T5AHB        | 5.0Ah Battery 20V          | 1           |
| T6AC-EU      | 6.0 A Fast Charger EU Plug | 1           |
| T6AC-UK      | 6.0 A Fast Charger UK Plug | 1           |

**TPTB - Lock Tool Boxes**

(1)



(2)



(3)



| Box Size mm<br>WxDxH                                                       | Pieces Per<br>Palette                  | Palette<br>Dimension                      | Box<br>Colour | With<br>Foam |
|----------------------------------------------------------------------------|----------------------------------------|-------------------------------------------|---------------|--------------|
| (1) 450 x 380 x 135 mm<br>(2) 450 x 380 x 290 mm<br>(3) 450 x 380 x 380 mm | (1) 68 pcs<br>(2) 32 pcs<br>(3) 16 pcs | (1) 1910 mm<br>(2) 1890 mm<br>(3) 1670 mm | S411          | Yes          |

**TTB - Tool Bags**

| Product Code | Description         | Box Packing |
|--------------|---------------------|-------------|
| TTB16        | 16" Medium Size Bag | 1           |
| TTB20        | 20" Large Size Bag  | 1           |



## KT-6 Tester Kit



To easily verify the strength of post-installed anchor bolts on site, we have designed and developed the AT Series of non-destruction testing machines, which can fit various tests required for installing equipment, earthquake resistance, civil engineering work or other applications.

### FEATURES:

- Light-weight, compact design applicable to various on-site tests
- Easy Operation enables tension testing up to 6kn
- Measure and save tension and displacement value digitally
- Improve work efficiency significantly
- Power cord free



## M2000 Pro Tester Kit

The Hydrajaws M2000 PRO Tester Kit anchor tester contains a universal set of adaptors enabling a comprehensive range of fixings and safety-critical applications, up to a maximum tensile load of 25kN (5620lbf) to be tested. Trusted by market-leading companies worldwide, the M2000 PRO Tester Kit anchor tester is an essential tool for carrying out testing procedures in line with BS 8539, BS 7883, and BS EN 795.

The M2000 PRO Tester Kit is easy to use and easily transported. It comes complete with a comprehensive full-colour user manual and backing and support from our technical team at Hydrajaws.

### FEATURES:

- 0-25kN Dual digital scale gauge compatible with the latest Hydrajaws App (detachable for calibration, reduces carrier return costs).
- 2020 Load spreading bridge featuring height adjustable legs with pin arrangement in four positions with swivel feet giving 15mm of fine adjustment.
- Turning Handle with 22mm (7/8" ) integrated nut (for use in confined spaces).
- Up to 50mm of stroke.
- The anchor tester is preassembled and accessories can be quickly attached with ease.
- Hydrajaws gauge calibration certificate (valid for 12 months).
- Supplied in a robust protective carry case with full operating instructions.



## M2000 Scaffold Tie Tester Kit

The Hydrajaws M2000 Scaffold Tie Tester Kit is a specific kit allowing Scaffolders to test all common scaffold anchors and fixings in general use today in line with NASC Guidance Note TG4:19. Manufactured to exacting high standards, the kit contains adaptors to test the most commonly used anchors used for scaffold ties up to a maximum tensile load of 25kN (5620lbf).

The three-legged load spreading bridge keeps reaction loads away from the fixing allowing results to be more consistent. Trusted by the best scaffolding companies in the world, the M2000 Scaffold Tie Tester Kit is an essential tool for any scaffolder wanting to comply with current health and safety practices.

### FEATURES:

- 0-25kN Dual Scale digital gauge compatible with the latest Hydrajaws App (detachable for calibration, reduces carrier return costs)
- 2020 Load spreading bridge featuring height adjustable legs with pin arrangement in four positions with swivel feet giving 15mm of fine adjustment.
- Turning Handle with 22mm (7/8" ) integrated nut (for use in confined spaces)
- Up to 50mm of stroke
- The tester is preassembled and accessories can be quickly attached with ease
- Hydrajaws gauge calibration certificate (valid for 12 months)
- Supplied in a robust protective carry case with full operating instructions.





## M2050 Medium Heavy Tester Kit



Extending the testing range to cover 0-50kN, the Hydrajaws M2050 PRO Tester Kit enables engineers to validate the correct installation or establish the safe working loads of a comprehensive range of anchors & fixings in line with BS 8539 up to a maximum tensile load of 50kN (11240lbf).

Manufactured to exacting high standards, the Hydrajaws M2050 PRO Tester kit contains a universal set of adaptors allowing a wide range of anchors and fixings used in safety-critical applications to be tested. The three-legged load spreading bridge keeps reaction loads away from the fixing allowing results to be more consistent.

### FEATURES:

- 0-50kN Dual Scale digital gauge compatible with the latest Hydrajaws App (detachable for calibration, reduces carrier return costs)
- 2050 Load spreading bridge featuring height adjustable legs with pin arrangement in six positions with swivel feet giving 30mm of fine adjustment.
- Turning Handle with 24mm integrated nut (for use in confined spaces)
- Up to 50mm of stroke
- The tester is preassembled and accessories can be quickly attached with ease
- Hydrajaws gauge calibration certificate (valid for 12 months)
- Supplied in a robust protective carry case with full operating instructions.

## M2008 Heavy Duty Tester Kit



The portable self-contained M2008 Heavy Duty Tester meets the demand for proof load testing larger fixings up to 145kN (32597lbf). Applications include high load expanding and resin anchors, holding down bolts for stanchion base plates, base plate fixings for column lighting, anchorage for crash barrier and safety fences, anchorage for stadium crush barriers and bridge parapet anchors.

With optional extras, applications include rebar pull-out test, pad eye load test, large ringbolt, and eyebolt testing. Having a lightweight aluminium height adjustable load spreading bridge means the weight combined with the tester is only 14kg, which is lighter and more convenient to apply than a separate hydraulic pump and arrangement.

### FEATURES:

- 0-145kN Dual Scale Digital Gauge compatible with the latest Hydrajaws App (detachable for calibration, reduces carrier return costs).
- 2008 lightweight aluminium off set triangular load-spreading bridge with nine height positions. The swivel feet offer fine height adjustment.
- Load application achieved via a 24mm ratchet handle driving a hydraulic multiplier.
- Spirit level to indicate the overall balance of the test rig.
- 10mm eyehook installed for attaching a lanyard as appropriate.
- The foam filler can accommodate four rebar adaptors.
- Hydrajaws gauge calibration certificate (valid for 12 months).
- Supplied in a wheeled robust carry case with telescopic handle and full operating instructions.

Kits Include below, other accessories available also.





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