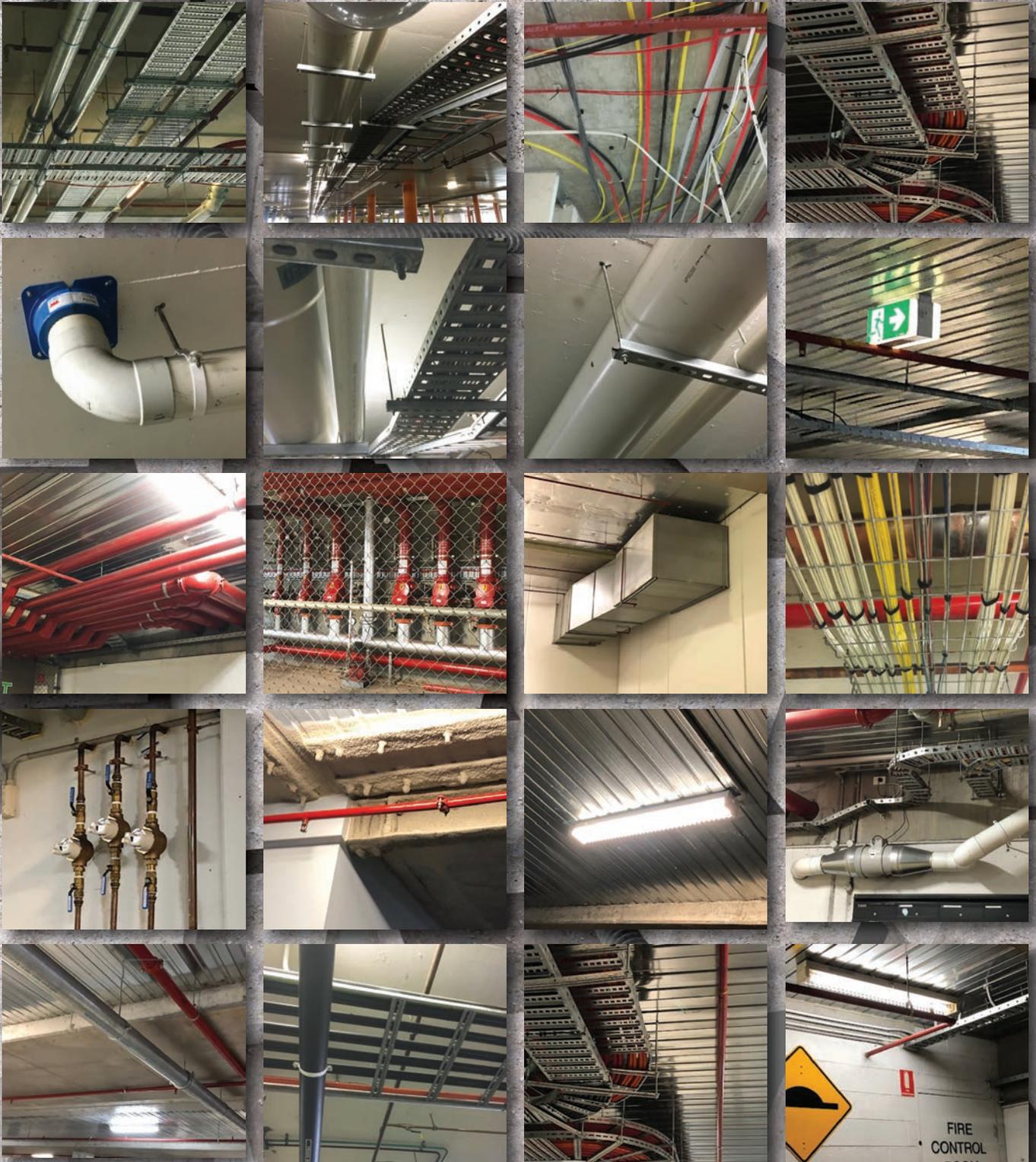




BUILDING SERVICES FASTENING SYSTEMS





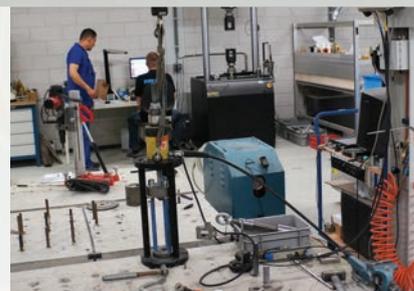
ON-SITE SUPPORT

ICCONS® rapidly expanding national site support team is constantly working to improve training and education for contractors, project managers and design engineers etc. This program is an exciting new initiative driven from ICCONS® head office and offers;

- Product demonstrations
- Fixing application advise
- Product installation training and certification
- On-site product testing
- Trade show events

PRODUCT SPECIFICATION

Engineering service is a key focus for ICCONS®. Supporting engineers and designers with tenders, problem solving and providing design consultation is the ICCONS® philosophy. ICCONS® has a national team of engineers available for design advice and site support. Our engineering team is also available for presentation seminars (conducted at your office/facility) which deliver a comprehensive insight into the unique ICCONS® product range, latest standards and industry developments.



TESTING LABORATORY

ICCONS® in-house test laboratory located in Melbourne, Australia provides testing capabilities in accordance with current Australian standards as well as bespoke testing for project specific applications. Testing equipment is independently maintained and calibrated by Australian NATA accredited laboratories.

Extensive testing is also undertaken in partnership with ICCONS® sister company, SYMPAFIX® based in Europe and in accordance with European Technical Guidelines.





USING PGM CERTIFIED DRILL BITS

European Technical Approvals / Assessments (ETA's) for anchors and their installation demands the use of suitable drill bits. Suitable drill bits can be identified under site conditions by simply looking for the PGM mark on the drill bit. The PGM mark is a symbol of quality and provides the installer with a correctly drilled hole for safe anchor installation.



INNOVATIVE SOFTWARE - ANCHOR DESIGN MADE EASY

- Innovative 3d visual user interface, ETAG-001 compliant
- SEISMIC DESIGN under earthquake loads according to ETAG-001, Annex E, TR045
- Finite element analysis steel baseplate design

ICCONS® DesignFix Software is simple, intuitive and FREE to DOWNLOAD anchor design program for Design Engineers, Project Managers, Site Engineers and End Users. Complex mechanical or chemical heavy duty anchor arrangements can be calculated in minutes. All designs are ETA based and qualify under the newly released **AS 5218:2018** and **SA TS 101:2015** which is now directly referenced in the **2016 National Construction Code**.

With input Freedom & 3D user Interface ICCONS® DesignFix offers complete freedom to select an anchor pattern and base plate configuration, as well as the position and direction of load combinations. Changes are made directly into the 3D user interface.

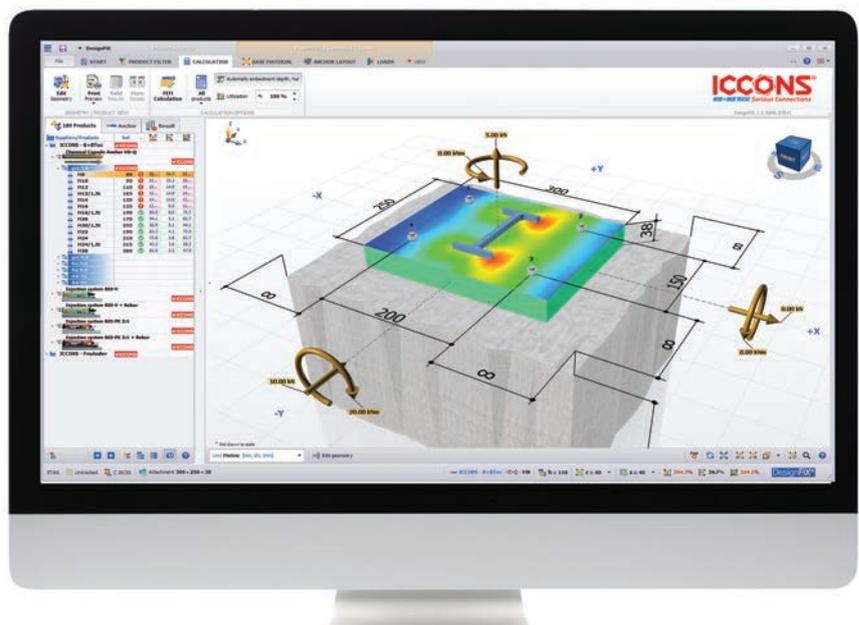
Anchor Type Comparison

ICCONS® DesignFix displays the usability of the various anchor types (according to ETAG-001, Annex C, TR029), including the values for each load type. This allows you to compare the calculation result of the different anchor types in a single easy to read panel.

Optimum BIS Injection System Anchorage Depth when selecting a BIS Injection Mortar.

ICCONS® DesignFix allows for the automatic calculation of the most effective anchorage depth, taking in consideration the minimal and maximum values of the ETA.

The integrated FEM-Calculation Method (Finite Element Method) in ICCONS® DesignFix allows you to calculate the base plate thickness based upon the stresses in the base plate combination with the base plate configuration.



BUILDING SERVICES FASTENER SELECTION CHART



**BLUE BANGER
HANGER**



**SA PLUS LIP
DROP-IN ANCHOR**

MECHANICAL / HVAC (HEATING, VENTILATING & AIR-CONDITIONING)

1. Air conditioning & heating units
2. Rigid supply ducting
3. Duct straps
4. Exhaust Fans
5. Supply pipes
6. Pumps & compressors



PLUMBING

1. Sewer lines
2. Water lines
3. Drainage lines
4. Gas lines
5. Hot water systems
6. Water & Gas meters



ELECTRICAL

1. Cable trays
2. Catenary wire systems
3. Lighting
4. Control / switch equipment
5. Communication / data systems



FIRE

1. Sprinkler systems
2. Fire collars
3. Fire extinguishers
4. Fire Pumps
5. Alarms
6. Emergency lights
7. Monitoring systems



APPROVALS



European Technical Assessment



ICC-ES Evaluation Report



PAGE No.

6

8



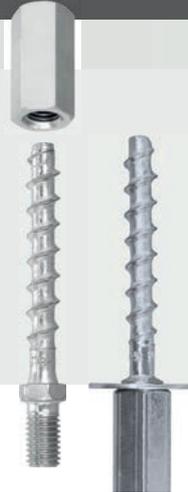
**SYMPAFIX
DROP-IN**



**THUNDERBOLT®
PRO-XTM**



**TOGE TSM
HIGH PERFORMANCE
ANCHORS**



**TOGE TSM
HIGH PERFORMANCE
HANGERS**



**SYMPAFIX
CA-PLUS**



**TOGE TSO
SUSPENSION SPRING
ANCHOR**

SYMPAFIX DROP-IN	THUNDERBOLT® PRO-XTM	TOGE TSM HIGH PERFORMANCE ANCHORS	TOGE TSM HIGH PERFORMANCE HANGERS	SYMPAFIX CA-PLUS	TOGE TSO SUSPENSION SPRING ANCHOR
✓					
✓	✓		✓		
✓	✓		✓	✓	
✓	✓		✓		
		✓			
✓	✓		✓		
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9	10	11	11	12	13



SEISMICALLY QUALIFIED FOR USE IN CRACKED CONCRETE



DUSTLESS ANCHORING

FOR WOOD FORMED CONCRETE DECKS

The Original
BLUE BANGER HANGER

ON WOOD FORM, BEFORE HAMMER BLOW

Large plastic base - ensures that the insert is installed flush to deck to prevent concrete from contaminating the inner threads during the pour and prevents accidental knock-overs



WOOD REMOVED, AFTER HAMMER BLOW

Angled ridges protect the head of the insert from rebar during deck work. Nails easily break off with hammer

Slurry seal label safeguards the internal threads from concrete during pour

MULTIPLE INTERNAL THREADS

Insert can accommodate M8, M10 & M12 threaded rod sizes. Rod can easily be changed to another sizes after install.



Pour-in-Place Insert - For Wood Form



ZINC INTERNAL

ICCONS® Pour-in-Place (PIP) inserts are used on wood form poured decks and installed prior to pouring concrete, reducing installation and material costs.

Machined Steel Insert with Large Flanged Head

- Angled ridges protect the head of the insert from rebar during deck work.
- Larger plastic base ensures that the insert is installed flush to the deck to prevent concrete from contaminating the inner threads during the pour.
- UL plenum rated for use in air handling spaces
- Slurry seal safeguards the internal threads during the concrete pour

Multiple Internal Threads

- Reduces inventory, each insert can accommodate M8, M10 & M12 threaded rod sizes.
- Allows for threaded rod size changes after inserts are installed.
- Internal threads eliminate the need and cost of couplings.

Machined Steel Insert with Large Flanged Head & Nails

- Provides excellent shear values for overhead attachments.
- Insert installed height of two inches complies with typical design specifications.
- Nails easily break off.

NEW

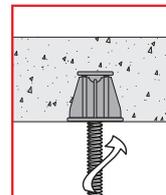
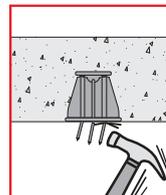
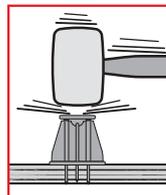
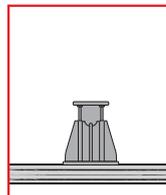


Part No.	Description	metric	qty
BBPIP081012	Multi Thread Pour-In Place Deck Inserts (for wood form concrete deck)	M8, M10 & M12	100
BBPIP1620	Multi Thread Pour-In Place Deck Inserts (for wood form concrete deck)	M16 & M20	100

Bazooka PIP Magnetic Installation tool



Part No.	Description	qty
BBCEA-PIPINSTALL1	1050mm Bazooka PIP Ergonomic stand up installation tool	1





DUSTLESS ANCHORING

FOR PRE-POURED CONCRETE STEEL DECKS

The Original
BLUE BANGER HANGER

FOR USE IN BONDEK®, STRAMIT CONDECK HP® & OTHER METAL DECK COMPOSITE PROFILES



Supports multiple threaded rod sizes, M8, M10 and M12. Easily change rod sizes after install.



Steel Deck Insert - For Metal Form

ICCONS® Steel Deck Inserts (SDI) are installed prior to pouring, reducing installation and material costs and increasing strength values. Ideal for gravity & seismic anchorage!

Machined Steel Insert with Large Flanged Head

- Provides excellent shear values for overhead attachments.
- Patented grooved insert body prevents component separation even if the flute is broken off prior to pour.
- Fully cracked concrete tested for vertical and dynamic seismic loading.
- Backed by: ICC Report ESR-3599 granted under AC446.

Multiple Internal Threads

- Reduces inventory, each insert can accommodate M8, M10 & M12 threaded rod sizes.
- Allows for threaded rod size changes after inserts are installed.
- Internal threads eliminate the cost of couplings.

Machined Steel Insert with Large Flanged Head & Nails

- Keeps internal threads clean.
- Extended length makes insert easy to locate even with fireproofing on deck underside.
- Plastic sleeve provides guidance to align threaded rod with matching internal female threads.
- UL plenum rated for use in air handling spaces.

ZINC INTERNAL

NEW



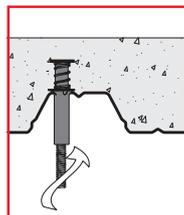
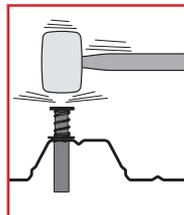
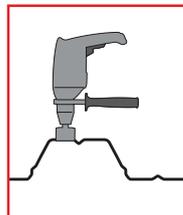
Part No.	Description	metric	qty
BBSDI081012	Multi Thread Steel Deck Inserts (for metal form concrete deck)	M8, M10 & M12	100



Steel Deck Insert Installation tool



Part No.	Description	qty
BBCEA-SDDHS1	600mm deck driller with 21mm (13/16") hole saw	1
BBCEA-SDDSB4	600mm deck driller with step drill bit 3/16 to 7/8"	1



SA PLUS LIP DROP-IN ANCHOR



ICCONS
Serious Connections®

APPROVED FOR USE IN CRACKED AND UNCRACKED CONCRETE - MULTIPLE USE NON-STRUCTURAL APPLICATIONS

**APPROVED FOR USE IN
CRACKED & UNCRACKED
CONCRETE**

apolo



National Code
Compliant



ETA
13/0371



Cracked
Concrete
Approved



Fire
Rated
Fasteners



ZINC INTERNAL

For multiple use non-structural applications

SA PLUS LIP DROP-IN ANCHOR is a single piece internally threaded expansion anchor suitable for solid base material and hollow core concrete available in a carbon steel clear zinc plated finish. The anchor is set by displacement of the pre-assembled expander cone to enable full expansion of the anchor body. The anchor must be set with the correct ICCONS® setting tools (see page 2). The lip feature ensures the anchor will mount flush with the concrete surface for consistency. The internal thread is suitable for machined bolts or threaded rod.

NEW



Part No.	Description	mm	mm	mm	qty	qty
DLPM1025-A	M10 x 25mm Lip Drop-in Anchor Approved	12	27	M10	50	500



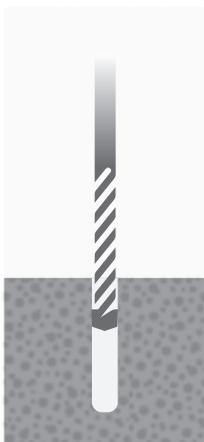
Lip Drop-in Setting Tool

For use with Lip Drop-In Anchors & standard non-lip Drop-In Anchors. Use of setting tool is necessary for the correct installation of Drop-in Anchors

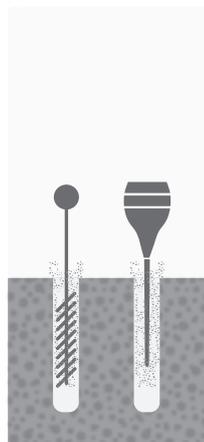


Part No.	Description	qty
DLST1030	M10 x 25mm & M10 x 30mm setting tool - Soft grip	1

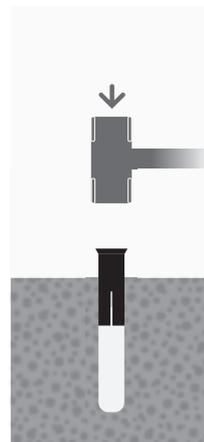
INSTALLATION



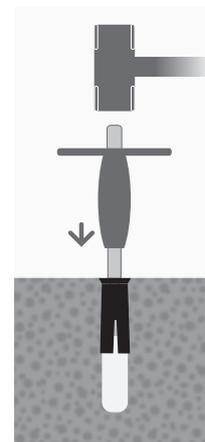
With the correct diameter drill bit, drill a hole to the correct depth.



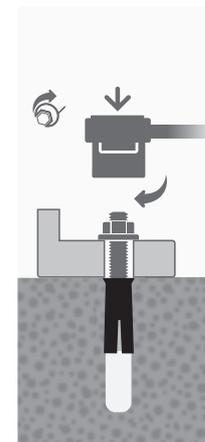
Clean dust and other material from the hole. Blow dust from the hole.



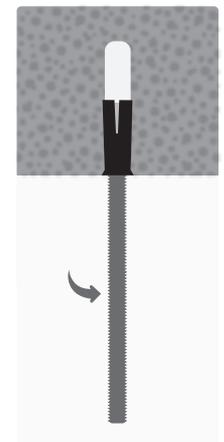
Push in Lip Drop-in by hand or by hammer blows, anchor should be flush to concrete surface.



Set the Lip Drop-in with setting tool. The Lip Drop-in is installed correctly if the setting tool pin is completely inside the anchor.



Place fixture in position and insert machined bolt and tighten until firm (do not exceed recommended torque).

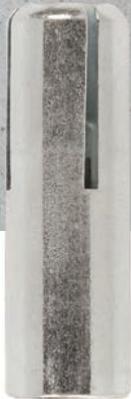


For threaded rod installations wind in rod until firm, do not over tighten.



APPROVED FOR USE IN CRACKED AND UNCRACKED CONCRETE - MULTIPLE USE NON-STRUCTURAL APPLICATIONS

**APPROVED
FOR USE IN
CRACKED &
UNCRACKED
CONCRETE**



National Code
Compliant



ETA
14/0481



Cracked
Concrete
Approved



Fire
Rated
Fasteners

Drop-in anchor DI-PLUS (zinc plated)

ZINC INTERNAL



Part No.	Description.	mm	mm	M	qty	qty
DM08-A* (70780)	M8 x 30mm Drop-in anchor - Approved	10	32	M8	100	800
DM10-A (70782)	M10 x 40mm Drop-in anchor - Approved	12	42	M10	100	800
DM12-A (70784)	M12 x 50mm Drop-in anchor - Approved	16	52	M12	100	400

* Lead times may apply

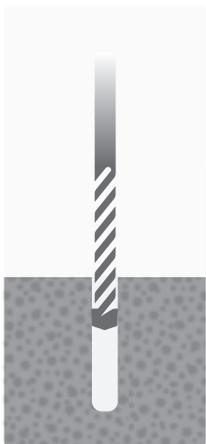
Drop-in Setting Tool

For use with standard non-lip Drop-In Anchors

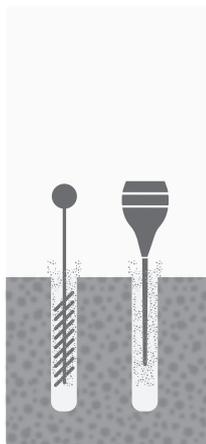


Part No.	Description.	qty
DST08	Suits M8 Standard Drop-In anchors	1
DST10	Suits M10 Standard Drop-In anchors	1
DST12	Suits M12 Standard Drop-In anchors	1

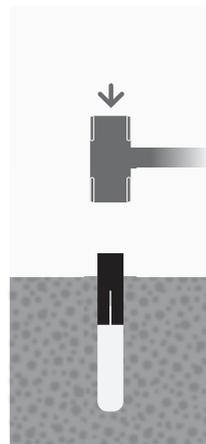
INSTALLATION



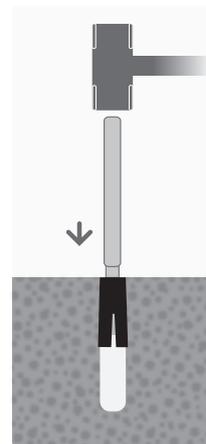
With the correct diameter drill bit, drill a hole to the correct depth.



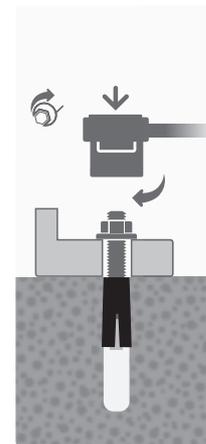
Clean dust and other material from the hole. Blow dust from the hole.



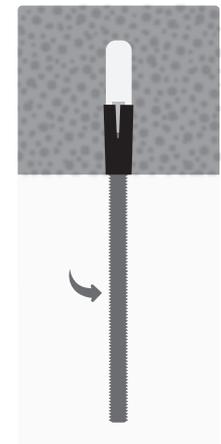
Push in Drop-in by hand or by hammer blows, anchor should be flush to concrete surface.



Set the Drop-in with setting tool. The Drop-in is installed correctly if the setting tool pin is completely inside the anchor.



Place fixture in position and insert machined bolt and tighten until firm (do not exceed recommended torque).



For threaded rod installations wind in rod until firm, do not over tighten.



ROD HANGER approved for use in cracked and uncracked concrete - multiple use non-structural applications

ETA ROD HANGER

STEP 1 CASE HARDENED

Case hardening to provide the shank of the screw with adequate strength, good ductility, and hydrogen embrittlement resistant characteristics.

STEP 2 HEAT TREATED

Selective through hardening to provide the drill point and lead threads with good drilling and tapping performance.



Vertical Hanging Applications

- HVAC ducting
- Plumbing pipes and services
- Electrical cable trays
- Fire sprinkler systems



National Code Compliant



ETA 18/0644



Cracked Concrete Approved



Fire Rated Fasteners



The ThunderBolt®Pro-XTM M10 rod hanger consists of a proprietary two step heat treatment process offering the ultimate in concrete screw anchoring for services applications.

ZINC INTERNAL

NEW



Part No.	Description	mm	mm	metric	mm	mm
SXTM-IM06057	6 x 57 ETA Rod Hanger (M10)	6	65	M10	13	57

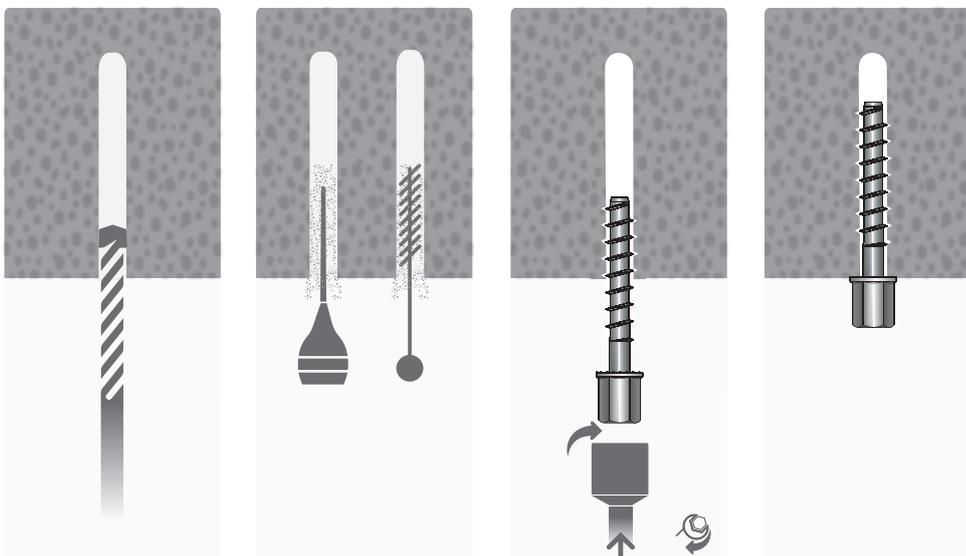


Socket Driver for use with ThunderBolt®Pro-XTM M10 rod hanger



Part No.	Description	
HZCM10-D	Socket Driver for use with ThunderBolt®Pro-XTM M10 rod hanger	1

INSTALLATION



1. With the correct diameter drill bit, drill a hole to the correct depth (add at least one anchor diameter to the depth to prevent the fastener from bottoming out).
2. Clean dust and other material from the hole. Blow dust from the hole.
3. Screw in the anchor by using a torque wrench or an impact screw driver
4. Once flange head is fully seated on the base material surface, installation is complete (do not over torque)



THREADED ROD HANGER FOR BUILDING SERVICES

AS 5216:2018

SA TS 101:2015 Compliant

Fire Rated performance in cracked and non-cracked concrete



National Code Compliant



ETA 15/0514



Cracked Concrete Approved



Fire Rated Fasteners



Seismic Approved Fasteners



TSM IM

ZINC CLEAR INTERNAL



TSM B

ZINC CLEAR INTERNAL



GAL EXTERNAL USE

TOGE TSM CONCRETE ROD HANGERS

The Toge TSM rod hanger and anchor features quick and safe installation, high load capacities in both cracked and non-cracked concrete with undercut load transmission. The TSM can be easily removed and does not leave residue or metal components in the drilled hole. Loads can be achieved immediately upon installation.

Part No.	Part No.	Part No.	Description	mm	mm	mm	mm	mm	qty
TSMIM0605ZG (210 060 600)			6 x 55mm Hanger (M8 / M10 Internal)	6	60	M8 / M10	-	13	50
	T SMB0605ZG (210 060 600)		6 x 55mm Hanger (M8 External Thread)	6	60	-	M8	10	100
		CPLRM8-M12	M8 to M12 Coupler Nut for M12 Rod Hanging	-	-	M8 to M12	-	16	100



ZINC CLEAR INTERNAL

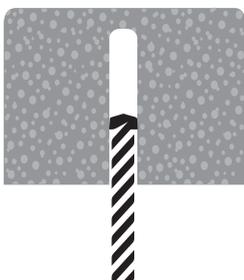
GAL

TOGE TSM CONCRETE ANCHORS

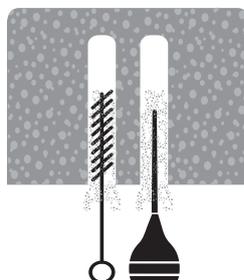
Part No.	Description	mm	mm	mm	mm	qty
TSM06050*	6x50mm	6	35	15	13	100
TSM06080*	6x80mm			45		100
TSM08080	8x80mm	8	45	35	13	50

*C1 Seismic approval does not apply to size 6mm.

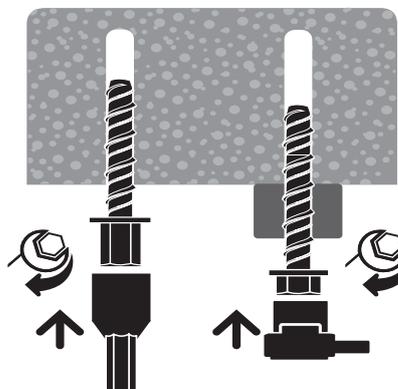
INSTALLATION



With the correct diameter drill bit, drill a hole to the correct depth (add at least one anchor diameter to the depth to prevent the fastener from bottoming out).

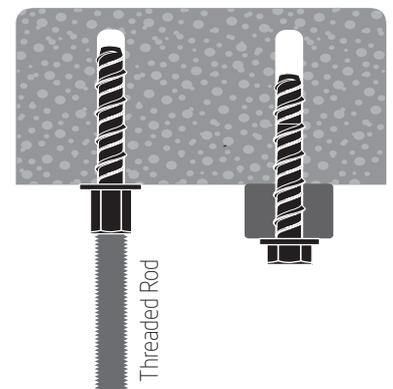


Clean dust and other material from the hole.



The head of the anchor should be set flush with the base material. Install the threaded rod. The thread should be fully engaged in the anchor.

Install with either a socket or cordless impact driver. Apply pressure against the fixing and rotate to engage the first thread.



Attach the Anchor to the correct size socket driver and install anchor perpendicular to the base material substrate. Be sure not to over torque the anchor.

Continue to tighten the anchor until flanged head is firmly seated against fixture. Installation complete!



SPLICE ANCHOR FOR MULTIPLE USE NON-STRUCTURAL APPLICATIONS

CA-PLUS

- Approved for cracked concrete
- European Technical Assessment (ETA)
- Fire rated performance
- All metal construction
- Tamper resistant head
- Clean, low profile aesthetic appearance



Expansion pin



ALL-METAL

Hammer impact point

ICCONS® Sympafix CA-Plus is an all metal wedge style anchor that sets by hammer impact, thus sliding the pin down the stem creating an expansive force against the wall of the hole. Ideal for mechanical trades using suspending strap, various hanger systems, through fixings, fire collar mountings etc.

CODE COMPLIANT



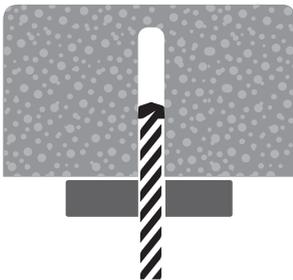
ZINC INTERNAL USE

Carbon Steel Zinc Clear

NEW

Part No.	Description	mm	min. mm	qty	qty
SPZ0635A (CA-Plus)	6 x 35mm all metal wedge style anchor	6.0	32	100	1000
SPZ0665A (CA-Plus)	6 x 65mm all metal wedge style anchor			100	1000

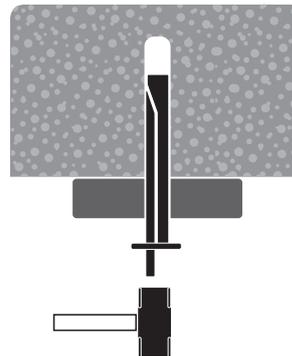
INSTALLATION



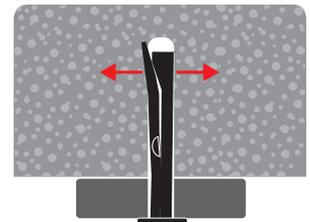
With the correct diameter drill bit, drill a hole to the correct depth



Clean dust and other material from the hole.



Insert anchor into position, and strike with hammer until pin is flush with anchor head



Installation complete!



SUSPENSION SPRING ANCHOR FOR MULTIPLE USE NON-STRUCTURAL APPLICATIONS



CRACKED CONCRETE



ICCONS® TOGE TSO Suspension Spring Anchor Approved for use in cracked and uncracked concrete (For multiple use in non-structural applications)

Suspension spring loaded

Easily installs by hand

CODE COMPLIANT



Carbon Steel Zinc Clear

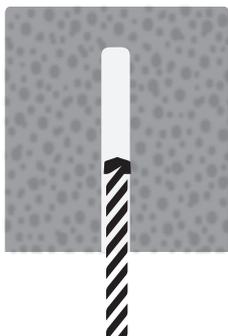
ZINC INTERNAL USE

NEW



Part No.	Description	mm	mm	qty	qty
TS006040	6 x 40 Suspension Spring Anchor	6	10	100	n/a

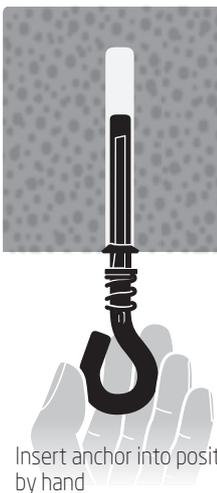
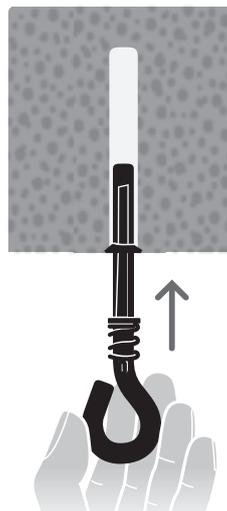
INSTALLATION



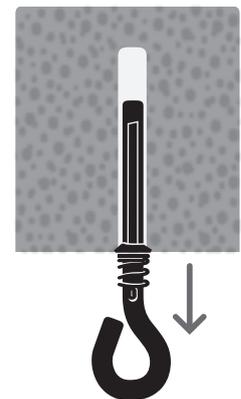
With the correct diameter drill bit, drill a hole to the correct depth



Clean dust and other material from the hole.



Insert anchor into position by hand



Installation complete!



COMPLIANT PRODUCTS IN ACCORDANCE WITH AS 5216:2018 & SA TS 101:2015

ICCONS[®] offers world leading chemical and mechanical anchoring solutions for the Australian Market, complying with requirements referenced in the National Construction Code 2016 and European Technical guidelines. In May 2018 SA TS 101:2015 was superseded by Australian Standard AS 5216:2018 (Design of post-installed and cast-in fastenings in concrete). AS 5216:2018 follows the same design, testing and qualification requirements previously outlined in SA TS 101:2015 with

the addition of some editorial modifications and corrections. SA TS 101:2015 although superseded is still a primary reference in the current 2016 NCC and the official document to follow when complying with the deemed-to-satisfy requirements. AS 5216:2017 will become a primary reference in the next NCC update in May 2019.

Mechanical NCC anchors provide:

- Heavy duty high performance
- Zinc, Galvanised and SS options
- Hex and countersunk head styles
- Multiple lengths providing flexibility

ChemSelect offers:

- Fast Cure, Maximum Strength, Highly Approved Adhesives.
- Anchorage Design Software.
- Zinc, GAL, SS & HCR Anchors.
- Threaded Studs, Internal Threaded Inserts, Asphalt Threaded Inserts.
- Manual, Lithium Battery Cordless and Pneumatic Applicators.
- Specialist Hole Cleaning & Deep Embedment Kits.
- Brick and Block work Anchoring Solutions.

Icon legend

National Code Compliant	C1 Earthquake Seismic Approval	Overhead Applications	Rebar	VOC (Green Building)
European Technical Assessment	C2 Earthquake Seismic Approval	Water Filled Holes	Threaded Stud / Insert	Clear Zinc Coating
Cracked Concrete Approval	CE Certification	Core Drilled Holes	Working Time	Stainless Steel Material
Fire Rated	Load Performance	Masonry/Brickwork	Curing Time	3DG (Nautilus Coating)
				DesignFIX Software

ICCONS[®] SEISMIC SOLUTIONS

ICCONS[®] is the first company to provide Australia and New Zealand with a complete range of C1 and C2 Heavy Duty fixings for Structural Applications in Seismic Risk applications and projects. ICCONS[®] has pioneered the introduction of C1 and C2 certified Mechanical and Chemical anchors into Australia and NZ. Through a "World's Best Practice" assessment, ICCONS[®] has collaborated with its global supply partners Friulsider, BBTEC and Sympafix in making C1 and C2 certified fixing systems a reality for the engineering fraternity.



NCC CHEMSELECT RANGE NCC CHEMSELECT RANGE NCC CHEMSELECT RANGE NCC CHEMSELECT RANGE

Chemical Anchors	National Code Compliant	European Technical Assessment	Cracked Concrete Approval	C1 Earthquake Seismic Approval	C2 Earthquake Seismic Approval	Fire Rated	CE Certification	Load Performance	Overhead Applications	Water Filled Holes	Core Drilled Holes	Masonry/Brickwork	Rebar	Threaded Stud / Insert	Working Time	Curing Time	VOC (Green Building)	Product Guide - Page No.
BIS-P POLYESTER 300mL / 420mL¹ CODE BLUE																		73
BIS-V VINYLESTER 300mL / 420mL¹ CODE GREEN																		71
BIS-HY HYBRID 280mL / 420mL¹ CODE PLATINUM																		69
BIS-PE PURE EPOXY 385mL / 585mL¹ CODE RED																		67
VDP-Q CAPSULE VINYLESTER M8 - M24¹ CODE GOLD																		75



NCC MECHANICAL RANGE

Mechanical Anchors

	National Code Compliant	European Technical Assessment	Cracked Concrete Approval	C1 Earthquake Seismic Approval	C2 Earthquake Seismic Approval	Fire Rated	CE Certification	Load Performance	Overhead Applications	Size range approved	Coating / Material	Product Guide Page No.
ATS-EVO S Hex Head ¹										M6 – M24	CLEAR ZINC	21
ATS-EVO SK Countersunk Head ¹										M6 – M12	CLEAR ZINC	23
FM-753® Crack 3DG ¹ & A4 316 SS ¹										M8 – M16	3DG COATING 316 SS	27
FM-753® Crack 3DG ¹										M20	3DG COATING	28
TSM High Performance ¹										6mm – 14mm	CLEAR ZINC 316 SS	31
TB1-Plus Thru Bolt ¹										M8 – M16	CLEAR ZINC	28
TB1-A4-Plus Thru Bolt (A4 316 SS) ^{1 & 2}										M8 – M12	316 SS	29
Thunderbolt®Pro XTM Screw-bolt ¹										6mm – 12mm	CLEAR ZINC	46
SB2-Plus Screw-bolt ¹										8mm – 14mm	GALVANISED	30
SA Plus Lip & Di-Plus Drop-in Anchor ²										SA Plus (M10) Di Plus (M8 – M12)	CLEAR ZINC	34
FM-X5 Nylon Frame Fixing ³										Ø10mm (85mm – 160mm)	3DG COATING 316 SS	57
TPP Hammer Screw ⁴										Ø5.6, 8mm	CLEAR ZINC 304 SS	52
CA-Plus Ceiling Anchor ²										Ø6 x 35mm	CLEAR ZINC	49
Thunderbolt®Pro XTM ETA Rod Anchor ²										M10 Internal Thread (Ø6 x 57mm)	CLEAR ZINC	46
TSM IM Internal Thread Anchor ¹										M8/M10 Internal Thread (Ø6 x 55mm)	CLEAR ZINC	46
TSO Spring Anchor ²										TSO (Ø6 x 40mm)	CLEAR ZINC	39

¹ Product complies with SA TS 101:2015 / AS 5216:2018 and ETAG 001 Part 1-5 as relevant. ETAG 001 Part 1-5 has been superseded by EAD 330232-00-0601 (Part 1-4) and EAD 330499-00-0601 (Part 5).
² Product complies with ETAG 001 Part 6 (Anchors for multiple use for non-structural applications) which has been superseded by EAD 330747-00-0601 (Fasteners for use in concrete for redundant non-structural systems).
³ Product complies with ETAG 020 Annex C (Plastic anchors for use in concrete and masonry for non-structural applications).
⁴ Product complies with ETAG 014 (ETICS) which has been superseded by EAD 330196-01-0604.



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