

PRODUCT CATALOGUE



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WELCOME

The Ramset™ Product Guide contains basic details on our product ranges to enable you to make the right choice for your application.



We have developed this set of easily recognisable icons to assist with product selection.

PERFORMANCE RELATED SYMBOLS

Indicates the suitability of product to specific types of performance related situations.



Has good resistance to cyclic and dynamic loading. Resists loosening under vibration.



Anchor has an effective pull-down feature, or is a stud anchor. It has the ability to clamp the fixture to the base material and provide high resistance to cyclic loading.



Suitable for use in seismic design according to ANZ Standards (eg AS/NZ 1170.4) or independent seismic performance data available from either an ICC Evaluation report or European Technical Assessment.



Cracked concrete.



Fire rated in accordance with the applicable standard or independent assessment (i.e. Australian Standards or European Technical Assessment)



May be used close to edges (or another anchor) without risk of splitting the concrete.



Temporary or removable anchor.

MATERIAL SPECIFICATION SYMBOLS

Indicates the base material and surface finish to assist in selection with regard to corrosion or environmental issues.



Steel Zinc Plated
Minimum thickness 5 micron.
Recommended for internal applications only.



Steel Hot Dipped Galvanised to AS/NZS 4680:2006 and AS/NZS 1214:2016.
Minimum thickness 42 micron.
For external applications.



Steel Mechanically Galvanised
Minimum thickness 42 micron.
For external applications.



Climaseal
Minimum thickness 75 microns.
For internal applications.



AISI Grade 316 stainless steel, resistant to corrosive agents including chlorides and industrial pollutants. Recommended for internal or external applications in marine or corrosive environments.



Stainless steel high corrosion resistance .
HCR Grade 1.4529/1.4565.



Corrosion resistant.
Not recommended for direct exposure to sunlight.

INSTALLATION RELATED SYMBOLS

Indicates the suitable positioning and other installation related requirements.



Suitable for floor applications.



Suitable for wall applications.



Suitable for overhead applications.



Suitable for hollow brick/block and hollow core concrete applications.



Anchor can be through fixed into substrate using fixture as template.



Suitable for AAC and lightweight concrete applications.



Anchors suitable for use in dry holes.



Anchors suitable for use in damp holes.



Anchors suitable for use in holes filled with water.



Suitable for use in drilled holes.



Suitable for use in cored holes.



Suitable for contact with drinking water for human consumption.



Direct Fixing Tools and Accessories

pg 6-21

Ramset™ has provided the direct fixing market with innovative Gas Technology & Powder Actuated Tools saving valuable time on site. We have a range of tools to suit various direct fixing applications across:

- Ceiling & Partitioning
- Insulation
- Electrical
- Plumbing
- Formwork
- Pest Control



Power Tools and Accessories

pg 22-46

Ramset™ Power Tools have been used by construction trades for over 40 years in Australia and New Zealand. We understand the need for power, toughness and reliability in heavy construction and provide premium tools with the latest vibration technology. Our high performance range includes:

- DynaDrill™ Rotary Hammers
- Cordless Tools
- Carbide Tipped Drill Bits
- Diamond Drilling & Cutting



Mechanical Anchoring

pg 47-71

Ramset™ Mechanical Anchors are manufactured to high quality standards to ensure the product is fit for purpose and will meet designers load requirements. The Ramset™ Mechanical Anchoring range consists of:

- Xtrem™ Seismic Anchors
- SpāTec™ Safety Anchors
- Boa™ Coil Expansion Anchor
- TruBolt™ Stud Anchors
- AnkaScrew™ Screw In Anchors
- DynaBolt™ Sleeve Anchors
- TruFast™ Push Pull Suspension Anchor
- DynaSet™ Drop-In Anchor



Chemical Anchoring

pg 72-82

Ramset™ Chemical Anchors are approved for installation in challenging site conditions such as water immersion, to provide long term reliable service. The Ramset™ Chemical Anchoring range consists of:

- Epcon™ C8 XTREM™
- ChemSet™ 801 Xtrem™ XC²
- Epcon™ C6 PLUS
- ChemSet™ 101 PLUS
- ChemSet™ Anchor Studs
- Internal Threaded Anchor Inserts
- ChemSet™ Installation Accessories



Construction Chemicals

pg 83-102

Ramset™ Construction Chemicals covers all the essential onsite products to finish off your project. The Construction Chemicals range includes:

- Acrylic and polyurethane sealants
- Construction adhesives
- Expanding polyurethane foams
- Fire Rated foam and sealant
- Epoxy repair mortar and grout
- Concrete additives



Erection and Installation

pg 103-106

Ramset™ offer unique engineered bracing and connection systems, for structural concrete connection, which are purposefully designed to reduce both labour and material costs. The range includes:

- OrbiPlate™
- ReidBrace™

DIRECT FIXING TOOLS AND ACCESSORIES

Ramset™ offers the direct fixing market with innovative Gas Technology & Powder Actuated tools which saves valuable time on site.

Ramset™ have a range of tools to suit various direct fixing applications across:

- Ceiling & Partitioning
- Insulation
- Electrical
- Plumbing
- Formwork
- Pest Control



DIRECT FIXING TOOLS AND ACCESSORIES



GAS TECHNOLOGY TOOLS

CableMaster™

CableMaster™ C-Plus®

Description

Boost productivity with the Ramset™ CableMaster™ C-Plus®. The fast, durable and reliable direct fixing system for plumbing, data and electrical installations enables a fixing rate 8x faster than traditional drill and fix, and up to 10,000 shots per battery charge. Paired with the PulaLift™ 800 Plus pole system, the CableMaster™ C-Plus® can be safely used in overhead applications, delivering fast, consistent and reliable performance while reducing exposure to concrete dust.



Application
Example



✓ Features & Benefits

- Massive 95J power – Consistent fixings even in extreme applications.
- Compact design with a 20 pin magazine that allows the tool to fit into tight spaces.
- Battery Gauge – Helps to avoid running out of battery power.
- Fuel Cell Gauge – Always know when to change fuel cells.
- Li-Ion Battery – Fast charge, long life.
- Tool-less Depth of Drive Adjustment.
- Power Saving Technology – Isolates battery when tool is not in use.
- 30 pin magazine accessory available for volume applications.
- Easily removable fastener guide and magazine.
- Greater tool clearance – Allows the tool to fit in close to edge applications.

✓ Trades & Applications

Applications	Electrical Contractor	Plumbing Contractor	Fire & Security
Permanent cable suspension to concrete and steel	✓		
Pipe suspension systems to concrete and steel		✓	
Fire and security cabling to concrete and steel			✓
Temporary cable suspension to concrete and steel	✓		

Product Codes & Specifications

Item Code	Impact Energy	Magazine Capacity	Weight	Pin Capacity
CMCPLUS	95J	20 Pin	3.4kg	15-27mm

CableMaster™ C-Plus® Accessories

Item Code	Description	Pack Qty
CRADLECMPLUS	Cradle only to suit CableMaster™ 800 Plus /C-Plus (no pole or tool)	1
CRADLECM800PLUS	CableMaster™ 800 Cradle	1
V4-3	3ft PulsaLift™ 800 Pole with Trigger	1
V4-EXT	3ft PulsaLift™ 800 Pole extension	1
019336	Pulsa 800/800 Plus Li-Ion Battery	1
018546	Battery Charger (includes power supply)	1
014641	Magnetic Washer Adapter	1
P8HC627	Premium Drive Pin Hard Concrete/Steel	1
019337	Pulsa 800/800 Plus 20 Pin Magazine	1
019683	Pulsa 800/800 Plus 50 Pin Magazine	1



CableMaster™ C-Plus® Gas Pins And Fuel Cells

Standard Duty

Item Code	Shank Length (mm)	Pack Qty
P8C620	Standard Pin 20mm	500
P8C625	Standard Pin 25mm	500
P8C630	Standard Pin 30mm	500
P8C635	Standard Pin 35mm	500



Heavy Duty For Steel And Hard Concrete

Item Code	Desc, Shank Length (mm)	Pack Qty
P8HC615	Premium Drive Pin Hard Concrete/Steel 15mm	500
P8HC617	Premium Drive Pin Hard Concrete/Steel 17mm	500
P8HC627	Premium Drive Pin Hard Concrete/Steel 27mm	500



Electrical & Plumbing Fixing Packs

Item Code	Description	Pack Qty
P8CPGDLHC617	Contractor Pack - DataLec™ Clip + Hard Conc. Pins 17mm	500
P8CPGDLHC622	Contractor Pack - DataLec™ Clip + Hard Conc. Pins 22mm	500
P8CPGCT	Contractor Pack - CTClip + Hard Conc. Pins 22mm	500
P8CPGDAS20	C/Pack - Direct Align H/saddle 20mm	400
P8CPGTRH	Contractor Pack - Threaded Rod Brkt.	400
P8CPGCWB	Contractor Pack - Catenary Wire Brkt.	400
SPMW	Strap & Plate Mounting Washer	500

* Contractor Packs contain electrical clips, pins, fuel cells and cable ties where applicable.



GAS TECHNOLOGY TOOLS

CableMaster™

CableMaster™ 800 Plus

Description

Boost productivity with the Ramset™ CableMaster™ 800 Plus. The fast, durable and reliable direct fixing system for plumbing, data and electrical installations enables a fixing rate 8x faster than traditional drill and fix, and up to 3500 shots per battery charge. Paired with the PulaLift™ 800 Plus pole system, the CableMaster™ 800 Plus can be safely used in overhead applications, delivering fast, consistent and reliable performance while reducing exposure to concrete dust.



Application
Example



✓ Features & Benefits

- Massive 82J power – Consistent fixings even in extreme applications.
- Compact design with a 20 pin magazine that allows the tool to fit into tight spaces.
- Battery Gauge – Helps to avoid running out of battery power.
- Fuel Cell Gauge – Always know when to change fuel cells.
- Lithium Battery – Fast charge, long life.
- Tool-less Depth of Drive Adjustment.
- Power Saving Technology – Isolates battery when tool is not in use.
- 50 pin magazine accessory available for volume applications.
- Easily removable fastener guide and magazine.
- Greater tool clearance – Allows the tool to fit in close to edge applications.

✓ Trades & Applications

Applications	Electrical Contractor	Plumbing Contractor	Fire & Security
Permanent cable suspension to concrete and steel	✓		
Pipe suspension systems to concrete and steel		✓	
Fire and security cabling to concrete and steel			✓
Temporary cable suspension to concrete and steel	✓		

Product Codes & Specifications

Item Code	Impact Energy	Magazine Capacity	Weight	Pin Capacity
CM800PLUS	82J	20 Pin	3.8kg	15-40mm

CableMaster™ 800 Plus Accessories

Item Code	Description	Pack Qty
CRADLECM800PLUS	Cradle only to suit CableMaster™ 800 Plus (no pole or tool)	1
CRADLECM800PLUS	CableMaster™ 800 Cradle	1
V4-3	3ft PulsaLift™ 800 Pole with Trigger	1
V4-EXT	3ft PulsaLift™ 800 Pole extension	1
019336	Pulsa 800/800 Plus Battery	1
018546	Battery Charger (includes power supply)	1
014641	Magnetic Washer Adapter	1
P8HC627	Premium Drive Pin Hard Concrete/Steel	1
019337	Pulsa 800/800 Plus 20 Pin Magazine	1
019683	Pulsa 800/800 Plus 50 Pin Magazine	1



CableMaster™ 800 Plus Gas Pins And Fuel Cells

Standard Duty

Item Code	Shank Length (mm)	Pack Qty
P8C620	Standard Pin 20mm	500
P8C625	Standard Pin 25mm	500
P8C630	Standard Pin 30mm	500
P8C635	Standard Pin 35mm	500



Heavy Duty For Steel And Hard Concrete

Item Code	Desc, Shank Length (mm)	Pack Qty
P8HC615	Premium Drive Pin Hard Concrete/Steel 15mm	500
P8HC617	Premium Drive Pin Hard Concrete/Steel 17mm	500
P8HC627	Premium Drive Pin Hard Concrete/Steel 27mm	500



Electrical & Plumbing Fixing Packs

Item Code	Description	Pack Qty
P8CPGDLHC617	Contractor Pack - DataLec™ Clip + Hard Conc. Pins 17mm	500
P8CPGDLHC622	Contractor Pack - DataLec™ Clip + Hard Conc. Pins 22mm	500
P8CPGCT	Contractor Pack - CTClip + Hard Conc. Pins 22mm	500
P8CPGDAS20	C/Pack - Direct Align H/saddle 20mm	400
P8CPGTRH	Contractor Pack - Threaded Rod Brkt.	400
P8CPGCWB	Contractor Pack - Catenary Wire Brkt.	400
SPMW	Strap & Plate Mounting Washer	500

* Contractor Packs contain electrical clips, pins, fuel cells and cable ties where applicable.



GAS TECHNOLOGY TOOLS

TrakFast™

TrakFast™ 800 Plus

Description

Work smarter and maximise your productivity with the Ramset™ TrakFast™ 800 Plus. Remaining a light 3.8kg, the streamlined design and excellent line of sight allow for easy access in awkward spaces. Featuring a 50 pin magazine, you can work more and charge less, with 3500 shots per battery charge. Designed for the quick and safe installation of steel partitioning track, pest control mesh and formwork systems, the Ramset™ TrakFast™ 800 Plus delivers fast, consistent and reliable performance while minimising exposure to concrete dust.



Application
Example

✓ Features & Benefits

- Massive 100J power – Consistent fixings even in extreme applications.
- 50 pin magazine – Reduces downtime in loading the magazine.
- Battery Gauge – Helps avoid running out of battery power.
- Fuel Cell Gauge – Always know when to change fuel cells.
- Lithium Battery – Fast charge, long life.
- Tool-less Depth of Drive Adjustment.
- Power Saving Technology – Isolates battery when tool is not in use.
- Optional 20 pin magazine for tight spaces.
- Easily removable fastener guide and magazine.
- Greater tool clearance – Allows the tool to fit in close to edge applications.

✓ Trades & Applications

Applications	Ceiling & Partitioning Contractor	Formworker	Pest Control Contractor
Track to concrete	✓		
Track to steel	✓		
Plywood to steel		✓	
Sacrificial steel formwork to steel		✓	
Pest control mesh to concrete			✓

Product Codes & Specifications

Item Code	Impact Energy	Magazine Capacity	Weight	Pin Capacity
TF800PLUS	100J	50 Pin	3.9kg	15-40mm

GAS TECHNOLOGY TOOLS

TrakFast™

TrakFast™ 800 Plus Accessories

Item Code	Description	Pack Qty
019336	Pulsa 800/800 Plus Battery	1
018546	Battery Charger (includes power supply)	1
014641	Magnetic Washer Adapter	1
019337	Pulsa 800/800 Plus 20 Pin Magazine	1
019683	Pulsa 800/800 Plus 50 Pin Magazine	1



Accessories To Suit Magnetic Washer Adaptor

Item Code	Shank Length (mm)	Pack Qty
011204	25mm Washers	1000



Standard Duty

Item Code	Shank Length (mm)	Pack Qty
P8C620	Standard Pin 20mm	500
P8C625	Standard Pin 25mm	500
P8C630	Standard Pin 30mm	500
P8C635	Standard Pin 35mm	500



Heavy Duty For Steel And Hard Concrete

Item Code	Desc, Shank Length (mm)	Pack Qty
P8HC615	Premium Drive Pin Hard Concrete/Steel 15mm	500
P8HC617	Premium Drive Pin Hard Concrete/Steel 17mm	500
P8HC622	Premium Drive Pin Hard Concrete/Steel 22mm	500



GAS TECHNOLOGY TOOLS

InsulFast™

InsulFast™ T4

Description

The Ramset™ InsulFast™ T4 gas system is designed to efficiently install insulation anchors directly to concrete, block, steel stud and timber construction saving valuable time. The innovative fastener is engineered with an integrated cap for maximum thermal efficiency.



Application
Example



Steel & Timber Pins (BLACK)

- 2.54mm diameter pin with a spiral knurl shank for holding power and 38mm penetration

Concrete Pins (WHITE)

- 3.175mm diameter pin maximum embedment of 19mm

✓ Features & Benefits

- Fast fixing method, much more efficient than PA tool insulation anchor fixing.
- More ergonomic, less recoil than a PA tool.
- A single gas cell will fix a whole box (500) of anchors.
- Eliminates need to tape over fixings due to integrated cap.
- Pre-loaded pins in anchors, one simple loading action.
- Smart tool with gas and battery gauges for uninterrupted productivity.
- Auto shut off feature to conserve energy.
- Visibly branded Ramset™ anchor and pin for easier specification and compliance checks.

✓ Trades & Applications

Applications	Insulation Installers	Ceiling & Partitioning Contractor
Insulation fixing	✓	✓
Fastening Insulation to Concrete	✓	✓
Fastening Insulation to Steel	✓	✓

Product Codes & Specifications

Item Code	Impact Energy	Magazine Capacity	Weight	Pin Capacity
T4IF	80J	N/A	3.6kg	25-100mm Insulation Pins

GAS TECHNOLOGY TOOLS

InsulFast™

InsulFast™ T4 Accessories

Item Code	Description	Pack Qty
019336	Pulsa 800/800 Plus Battery	1
018546	Battery Charger (includes power supply)	1



Item Code	Description	Rigid Insulation Thickness	Soft Insulation Thickness	Fastener Colour
T4IG625	White anchor 25mm pin (qty 500) and 1x fuel cell	25mm	25mm -30mm	White
T4IG638	White anchor 38mm pin (qty 500) and 1x fuel cell	38mm	38mm -45mm	White
T4IG650	White anchor 50mm pin (qty 500) and 1x fuel cell	50mm	50mm -55mm	White
T4IG650B	Black anchor 50mm pin (qty 500) and 1x fuel cell	50mm	50mm -55mm	Black
T4IG675	White anchor 75mm pin (qty 500) and 1x fuel cell	75mm	75mm -80mm	White
T4IG675B	Black anchor 75mm pin (qty 500) and 1x fuel cell	75mm	75mm -80mm	Black
T4IG6100	White anchor 100mm pin (qty 500) and 1x fuel cell	100mm	100mm -110mm	White



Note: Additional sizes available on request. MOQ, additional lead time and freight charges may apply.

InsulFast™ T4 Fuel Cells

Item Code	Description	Pack Qty
P800GAS	P800 Fuel Cell	1



GAS TECHNOLOGY TOOLS

Legacy Accessories

Legacy Accessories, Chargers & Batteries

Item Code	Description	Pack Qty
TrakMaster™		
TMBC	Battery Charger (requires power supply)	1

CableMaster™		
TMBC	Battery Charger (requires power supply)	1

Legacy Fuel Packs

Item Code	Description	Pack Qty
650417	T3 Gas for T3 InsulFast	6



POWDER ACTUATED FIXING TOOLS

Concrete Framing Tool

FrameBoss™ XPM

Description

The Ramset™ FrameBoss™ XPM is a semi-automatic powder actuated tool capable of fixing 10 pins without the need to reload or cycle the tool. The automatic piston return system and 10 pin magazine enable faster fixing rates with less effort. The magazine can be adjusted to lock into a number of positions for use in confined spaces. The FrameBoss™ XPM is supplied with a single shot fastener guide so that the tool can be used with longer fasteners and assemblies such as brackets and clips.



✓ Features & Benefits

- Automatic piston return.
- No manual cycling required.
- Easy to maintain on site.
- 10 Pin magazine and single shot fastener guide.
- 100mm single shot capacity.
- 75mm magazine capacity.
- 400J maximum impact energy.
- Power and depth of drive adjustment.
- Hand guard.
- Cushioned rubber grip.

✓ Trades & Applications

Applications	Residential Home Builder	Formworker	Ceiling & Partitioning Contractor	Brick Layer
Timber to concrete	✓	✓		
Timber to steel	✓	✓		
Sacrificial steel formwork to steel		✓		
Steel Track to concrete and steel			✓	
Brick ties to concrete and steel	✓			✓

Product Codes & Specifications

Item Code	Impact Energy	Pin Capacity	Weight	Power Load
FRAMEBOSSXPM	400J	25mm-75mm collated pins	4kg	.27 Strip

POWDER ACTUATED FIXING TOOLS

Legacy Tools

Spitfire™ C75

Description

Spitfire™ C75 Indirect Acting Tool is a magazine tool or a single shot tool used for framing and general builder applications. It is supplied in a sturdy carry case with service kit and safety equipment.



SpitFire Tool Components

Item Code	Description
S011825	Piston
S010983	Piston Buffer
S010982	Piston Return Spring
S011822	100mm Fastener Guide
S011823	Barrel Assembly

POWDER ACTUATED FIXING TOOLS

Pins and Consumables

Powder Actuated Tool **Drive Pins**

Drive Pins And Power Loads

FOR USE WITH FrameBoss™, Spitfire™ C75.

Item Code	Shank Length (mm)	Head Diameter (mm)	Pack Qty
LDU25	25	8	100
LDU50	50	8	100
LDU65	65	8	100
LDU75	75	8	100
LDU90	90	8	100
LDU99	100	8	100



Collated Drive Pins

FOR USE WITH FrameBoss™ & Spitfire™ C75.

Item Code	Shank Length (mm)	Head Diameter (mm)	Pack Qty
C975C*	75	9	300



For use with Spitfire™ C75 & FrameBoss™ XPM only.

Pins For Fixing To Structural Steel

Item Code	Description	Pack Qty
SC950	Pin for fixing 35mm timber to steel	100
SC960	Pin for fixing 45mm timber to steel	100



POWDER ACTUATED FIXING TOOLS

Pins and Consumables

Powder Actuated Tool **Drive Pins**

Collated Pins For Fixing To Structural Steel & Hard Concrete

FOR USE WITH FrameBoss™ XPM, Spitfire™ C75.

Item Code	Shank Length (mm)	Head Diameter (mm)	Pack Qty
SC925C	25	9	500
SC930C	30	9	500
SC940C	40	9	300
SC950C	50	9	300
SC960C	60	9	300
SC975C	75	9	300



Sacrificial Formwork Pins

FOR USE WITH FrameBoss™ XPM, Spitfire™ C75, & FrameBoss™.

Item Code	Description	Pack Qty
SBR9	20mm Pin for Steel with 14mm Washer	100



Washed Pin Assemblies

Item Code	Shank Length (mm)	Head Diameter (mm)	Pack Qty
LWU32	32	22	100



POWDER ACTUATED FIXING TOOLS

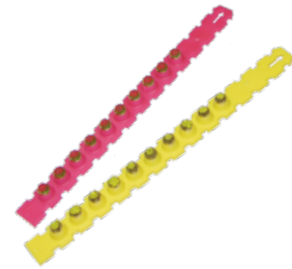
Chargers and Accessories

Powder Actuated Tool **Power Loads**

POWER LOADS .27 calibre

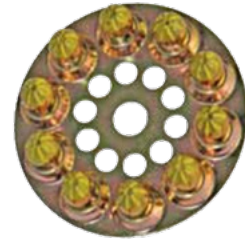
FOR USE WITH FrameBoss™, FrameMaster™, FormMaster™, TyMaster, Rocket, Striker, S75A, & TS750 (TS60P).

Item Code	Strength	Colour	Pack Qty
PLSYW22	Medium	Yellow	100
PLSRD22	Strong	Red	100



POWER LOAD Discs for use with Spitfire tools

Part No.	Description	Order Qty	Calibre	Colour	Strength
PLDGR25	Power Load Disc	100	6.3mm x 10mm	Green	Weak
PLDYW25	Power Load Disc	100	6.3mm x 10mm	Yellow	Medium
PLDRD25S	Power Load Disc	100	6.3mm x 10mm	Red	Strong



Powder Actuated Tool **Accessories**

Item Code	Description	Pack Qty
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FrameBoss™ XPM, FrameBoss™ & FrameBoss™ 75

Accessories

PA9316	Lubricating & Releasing Oil	1
S011483	Piston Return Spring (x1)	1
S010983	Piston Insulation Ring (x2)	1

Power Tools and Accessories

Ramset™ Power Tools have been used by construction trades for over 40 years in Australia and New Zealand. Ramset™ understands the need for power, toughness and reliability in heavy construction and provide premium tools with the latest vibration technology. The high performance range includes:

- DynaDrill™ Rotary Hammers
- Cordless Tools
- Carbide Tipped Drill Bits
- Diamond Drilling & Cutting





DYNADRILL™ HAMMERS & BREAKERS

Rotary & Demolition Hammers

DD529 DynaDrill™ 2kg Combi Hammer



Description

The Ramset™ DynaDrill™ 529 Combi Hammer is truly the class leading 2kg tool on the market. The tool of choice with its powerful motor, enhanced anti vibration and the versatility of the quick change chuck system.

Specification

Voltage	240V
Power Input	850w
Rated Speed	0-1300rpm
Impact Rate	0-5100bpm
Impact Force (Max)	3.2J
Maximum Drill Diameters	
Concrete	28mm
Masonry (using Core Bit)	68mm
Steel	13mm
Wood	30mm
Optimum Drilling Size in Concrete	8-16mm
Weight	3.1Kg
Tool Holder	SDS Plus



✓ Features & Benefits

- Powerful 850W motor.
- Class leading drilling rates and chisel performance.
- Substantially improved vibration reduction.
- Rotating brush plate for same power in.
- Forward or reverse mode.
- Rotation stop for chiselling.
- Quick change chuck system.

Trades & Applications

	Builder	Plumber	Electrician
Drilling into concrete	✓	✓	✓
Removing Tiles (light chiseling)	✓	✓	
Core Cutting	✓	✓	✓

Product Codes & Specifications

Item Code	Power	Impact Force	Max Drill Dia	Vibration	Carbide
DD529	850W	3.2J	28mm	11 m/s ²	R3 Plus U3 Plus

DYNADRILL™ HAMMERS & BREAKERS

Rotary & Demolition Hammers

DD544 DynaDrill™ 4kg Combi Hammer



Description

The Ramset™ DynaDrill™ 544 is a class leading 4kg combi hammer drill in terms of performance and vibration reduction mechanisms. A robust and ergonomic design makes it the ideal tool for volume drilling into concrete, light picking and chiselling.

Specification

Voltage	240V
Power Input	900w
Rated Speed	0-760rpm
Impact Rate	0-3600bpm
Impact Force (Max)	4.2J
Maximum Drill Diameters	
Concrete	32mm
Masonry (using Core Bit)	90mm
Steel	13mm
Wood	30mm
Optimum Drilling Size in Concrete	14-25mm



✓ Features & Benefits

- Vibration damping mechanism for super smooth operation.
- Quick lock keyless bit exchange.
- Reverse switch.
- Electro pneumatic impact mechanism.
- In-built safety clutch providing operator protection should a drill bit jam.
- Soft grip, back and side handle for safe and fatigue free operations.
- Finger tip control for point start accuracy with variable speed adjustment.
- Sealed lubrication system for extended service intervals.

Product Codes & Specifications

Item Code	Power	Impact Force	Max Drill Dia	Vibration	Carbide
DD544	900W	4.2J	32mm	10 m/s ²	R3 Plus U3 Plus

DYNADRILL™ HAMMERS & BREAKERS

Rotary & Demolition Hammers

DD566 DynaDrill™ 6kg Combi Hammer



Description

The Ramset™ DynaDrill™ 566 is a powerful and versatile Combi-Hammer designed to get through the toughest jobs with ease. The DD566 incorporates innovative technologies such as vibration and rotation control which make the tool more comfortable and safer for the operator. This is the ideal tool for those that require high productivity and lifetime from a large Combi-Hammer.

Specification

Voltage	240V
Power Input	1100w
Rated Speed	0-520rpm
Impact Rate	0-3,000bpm
Impact Force (Max)	6.5J
Maximum Drill Diameters:	
Concrete	45 mm
Masonry (using Core Bit)	125 mm
Optimum Drilling Size in Concrete	18-38mm
Chiselling Positions	16
Weight	6.8Kg
Tool Holder	U3™ & R3™ Max
Cable Length	4m

Features & Benefits

- Powerful and robust 1100W Combi Hammer provides extended tool lifetime under the toughest working conditions.
- Vibration damping systems built into the tool holder, rear and auxiliary handles deliver exceptionally low vibration values for a tool in this class.
- Rotation control system stops the tool immediately upon the drill bit jamming providing the highest level of safety for the operator.
- One hand chuck system.
- High removal rates, exceptional power to weight ratio.
- An ergonomically designed and well balanced tool.
- Horizontal and vertical drilling level gauge for accurate drilling.
- Power LED indicator and service LED indicator.

Trades & Applications

	Builder	Plumber	Electrician
Drilling into concrete	✓	✓	✓
Removing Tiles (light chiseling)	✓	✓	
Core Cutting	✓	✓	✓

Product Codes & Specifications

Item Code	Power	Impact Force	Max Drill Dia	Vibration	Carbide
DD566	1100W	6.5J	45mm	8.2 m/s ²	U3 & R3 Max

DYNADRILL™ HAMMERS & BREAKERS

Rotary & Demolition Hammers

DD585 DynaDrill™ 8kg Combi Hammer

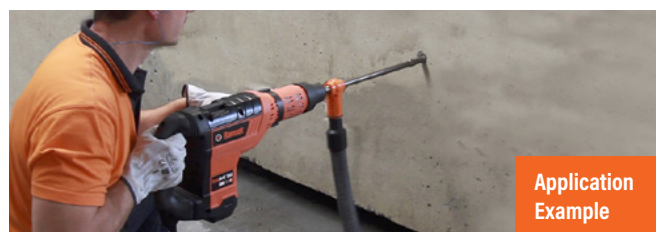


Description

The Ramset™ DynaDrill™ 585 is our largest ever Combi-Hammer at 8kg. Robustly designed for large diameter drilling and chiselling in concrete. It's high performance drilling rate and three way anti-vibration systems ensure it is one of the most productive and safest tools on the worksite.

Specification

Voltage	240V
Power Input	1500W
Rated Speed	0 - 305rpm
Impact Rate	1,380 - 2,760bpm
Impact Force (Max)	12.5J
Maximum Drill Diameters:	
Concrete	45 mm
Masonry (using Core Bit)	125 mm
Optimum Drilling Size in Concrete	20-40mm
Machine Weight	8.9kg
Chiselling Positions	12
Tool Holder	U3™ & R3™ Max
Cable Length	4m



Trades & Applications

	Builder	Plumber	Electrician
Drilling into concrete	✓	✓	✓
Chiseling/Breaking	✓	✓	
Core Cutting	✓	✓	✓

✓ Features & Benefits

- 1500W Motor with 12.5J of impact energy delivers the best possible drilling and chiselling performance.
- Turbo function utilises the power which is normally used in drilling mode for chiselling.
- RVC Anti-Vibration Systems include a de-coupled main handle, a mass damper and anti-vibration impact mechanism.
- Auto Lock-On function increases operator comfort while chiselling.

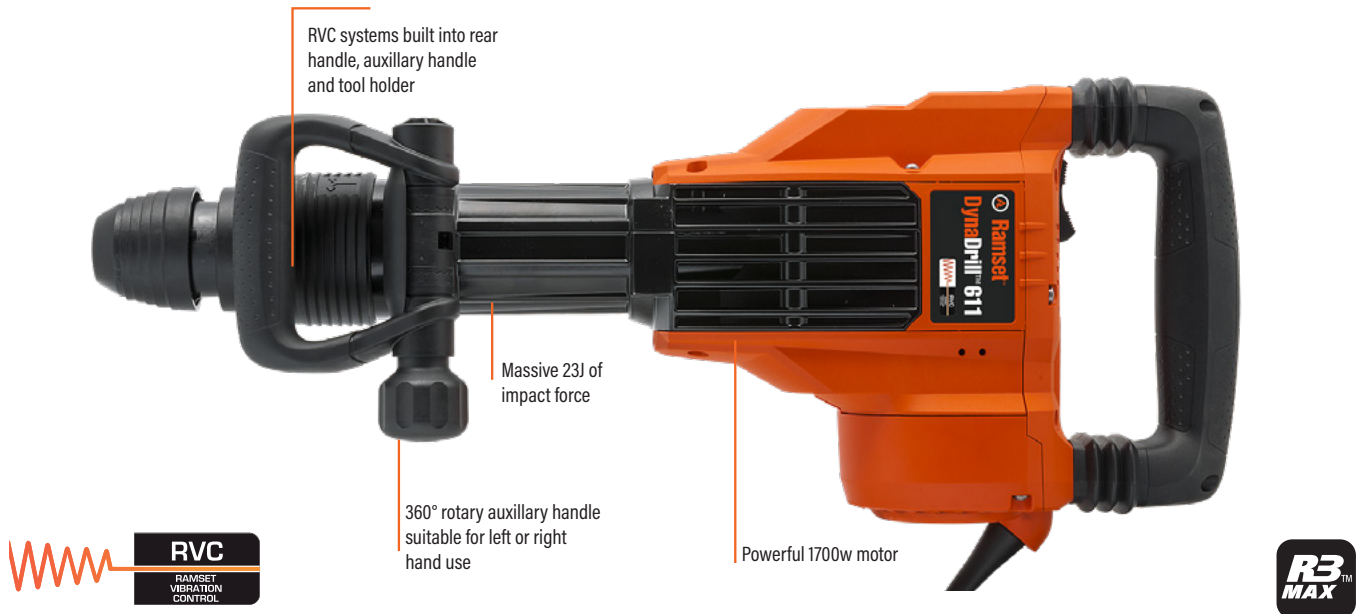
Product Codes & Specifications

Item Code	Power	Impact Force	Max Drill Dia	Vibration	Carbide
DD585	1500W	12.5J	45mm	8.0 m/s ²	U3 & R3 Max

DYNADRILL™ HAMMERS & BREAKERS

Rotary & Demolition Hammers

DD611 DynaDrill™ 11kg Demolition Hammer



Description

The Ramset™ DynaDrill™ 611 is an in-line 11kg demolition hammer. With its powerful motor and high impact energy. It has one of the best performance to weight ratios in its class. Its in-line design makes it ideal for heavy duty demolition jobs.

Specification

Voltage	240V
Power Input	1700w
Impact Rate	900-1,700bpm
Impact Force (Max)	23J
Chiselling Positions	12
Weight	11.4Kg
Tool Holder	R3™ Max
Cable Length	4m

Trades & Applications

	Builder	Plumber	Electrician
Concrete Breaking	✓	✓	✓



✓ Features & Benefits

- High performance to weight ratio with 1700W motor and 23J of impact energy.
- In-line design optimises the tools centre of gravity making it ideal for downward demolition applications.
- Ramset™ Vibration Control (RVC) controls vibration levels to only 8m/s².
- Adjustable impact force to match base material.
- Vario-Lock mechanism for adjusting the chisel angle into one of 12 different positions.

Product Codes & Specifications

Item Code	Power	Impact Force	Max Drill Dia	Vibration	Carbide
DD611	1700W	23J	12	8.0 m/s ²	R3 Max

DYNADRILL™ HAMMERS & BREAKERS

Carbide Drill Bits And Chisels

U3™ Plus Tri-Cutter Carbide Tipped Drill Bits

Item Code	Diameter (mm)	Work Length (mm) x Total length (mm)	Pack Qty
DDU305050	5	50 x 110	1
DDU305100	5	100 x 160	1
DDU306100	6	100 x 160	1
DDU306150	6	150 x 210	1
DDU306100X3	1/4"	100 x 160	1
DDU308100	8	100 x 160	1
DDU308150	8	150 x 210	1
DDU310100	10	100 x 160	1
DDU310200	10	200 x 260	1
DDU312150	12	150 x 210	1
DDU312250	12	250 x 310	1
DDU313200	13	200 x 250	1
DDU314200	14	200 x 250	1
DDU316200	16	200 x 250	1



Item Code	Diameter (mm)	Work Length (mm) x Total length (mm)	Pack Qty
DDR305050	5	50 x 110	1
DDR305100	5	100 x 160	1
DDR305125X5	5.5	150 x 210	1
DDR306050	6	50 x 110	1
DDR306100	6	100 x 160	1
DDR306150	6	150 x 210	1
DDR306050X3	1/4"	50 x 110	1
DDR306100X3	1/4"	100 x 160	1
DDR306150X3	1/4"	150 x 210	1
DDR308065	8	100 x 160	1
DDR308150	8	150 x 210	1
DDR310100	10	100 x 160	1
DDR310180	10	200 x 260	1
DDR312125	12	150 x 210	1
DDR312250	12	250 x 310	1
DDR312400	12	400 x 460	1
DDR312125X7	1/2	150 x 210	1
DDR314200	14	200 x 250	1
DDR315150	15	150 x 200	1
DDR316125	16	150 x 200	1
DDR316200	16	200 x 250	1
DDR316400	16	400 x 450	1



DYNADRILL™ HAMMERS & BREAKERS

Carbide Drill Bits And Chisels

R3™ Plus Y-Cutter Carbide Tipped Drill Bits

Item Code	Diameter (mm)	Work Length (mm) x Total length (mm)	Pack Qty
DQR318200	18	200 x 250	1
DQR318400	18	400 x 460	1
DQR319250	19	250 x 310	1
DQR320200	20	200 x 250	1
DQR320400	20	400 x 450	1
DQR322200	22	200 x 250	1
DQR322400	22	400 x 450	1
DQR324200	24	200 x 250	1
DQR324400	24	400 x 450	1
DQR325400	25	400 x 450	1
DQR326200	26	250 x 300	1
DQR326400	26	400 x 450	1



D3™ Plus Dust-Extracting Carbide Tipped Drill

Item Code	Diameter (mm)	Work Length (mm) x Total length (mm)	Pack Qty
DDER12200	12	200 x 320	1
DDER14250	14	250 x 370	1
DDER16250	16	250 x 370	1
DDER18250	18	250 x 370	1
DDER20250	20	250 x 370	1
DDER24250	24	250 x 370	1

For use with RV1632M Wet/Dry Vacuum



DYNADRILL™ HAMMERS & BREAKERS

Carbide Drill Bits And Chisels

R3™ Max Carbide Tipped Drill Bits

Item Code	Diameter (mm)	Work Length ^(mm) x Total length ^(mm)	Pack Qty
DDYM18200	18	200 x 340	1
DDYM18400	18	400 x 540	1
DDYM18600	18	600 x 740	1
DDYM20200	20	200 x 320	1
DDYM20400	20	400 x 520	1
DDYM20800	20	800 x 920	1
DDYM22200	22	200 x 320	1
DDYM22400	22	400 x 520	1
DDYM22800	22	800 x 920	1
DDYM24200	24	200 x 320	1
DDYM24400	24	400 x 520	1
DDYM25400	25	400 x 520	1
DDYM25800	25	800 x 920	1
DDYM26400	26	400 x 520	1
DDYM28400	28	400 x 520	1
DDYM28800	28	800 x 920	1
DDYM30400	30	400 x 520	1
DDYM32400	32	400 x 520	1
DDYM32800	32	800 x 920	1
DDYM35400	35	400 x 520	1
DDYM38400	38	400 x 520	1
DDYM40400	40	400 x 520	1



U3™ Max Tri-Cutter Carbide Tipped Drill Bits

Item Code	Diameter (mm)	Work Length ^(mm) x Total length ^(mm)	Pack Qty
DUM12200	12	200 x 340	1
DDUM12400	12	400 x 540	1
DDUM14200	14	200 x 340	1
DDUM14400	14	400 x 540	1
DDUM16200	16	200 x 340	1
DDUM16400	16	400 x 540	1



DYNADRILL™ HAMMERS & BREAKERS

Carbide Drill Bits And Chisels

D3™ Max Dust-Extracting Carbide Tipped Drill

Item Code	Diameter (mm)	Work Length ^(mm) x Total length ^(mm)	Pack Qty
DDEM14400	14	400 x 600	1
DDEM16400	16	400 x 600	1
DDEM18400	18	400 x 600	1
DDEM20400	20	400 x 600	1
DDEM22400	22	400 x 600	1
DDEM25400	25	400 x 600	1
DDEM28400	28	400 x 600	1
DDEM32400	32	400 x 600	1

For use with RV1632M Wet/Dry Vacuum



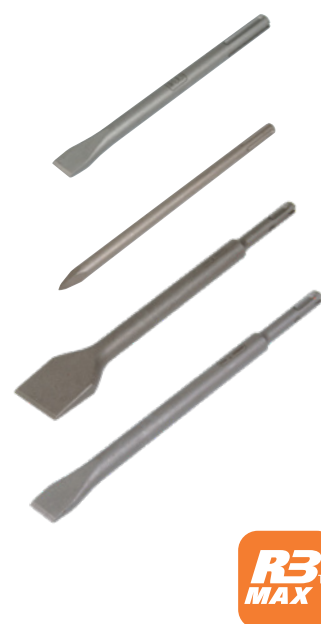
R3™ Chisels

R3™ PLUS CHISEL

Item Code	Total Length (mm)	Type	Pack Qty
DHR3PCS	250	Point	1
DHR3FCS	250	20 mm Flat	1
DHR3SC040	250	40 mm Spade	1

R3™ MAX CHISEL

Item Code	Total Length (mm)	Type	Pack Qty
DHSMPCM	400	R Drive Short Point Chisel	1
DHSMFCM	400	25mm Medium Flat Chisel	1
DHSMSC050	400	50mm Spade Chisel	1
DHSMSC115	300	115mm Spade Chisel	1



DYNADRILL™ HAMMERS & BREAKERS

Accessories

DynaDrill™ Accessories

Item Code	Description	Pack Qty
054288	Quick Fit Keyless Chuck For DD529, DD533 and DD544 Combi	1



DIAMOND DRILLING AND CUTTING RANGE

Diamond Drilling Machines

Diamond Core Drilling Kit 2000w

Description

A fully integrated diamond drilling system, the RM160KIT is supplied complete with a drilling motor, drilling rig and connection accessories, in a robust, double walled and easy to handle rigid tool case.

✓ Features & Benefits

- Powerful 2000W motor that can be hand held or rig mounted.
- Suitable for ½" BSP & 1¼" UNC Core Bit connections.
- Robust drilling rig suitable for drilling up to 200mm diameter.
- Sturdy rotomolded plastic and stainless steel tool case.
- Solid recessed wheels for ease of transportation to and from the jobsite.
- Integrated transport and carrying handles.
- Molded lid enables nesting of multiple cases to prevent sliding during transportation.



Specification

Voltage	240w		
Power Input	2000w		
Connection	½" BSP and 1¼" UNC		
Motor Speeds	Speed 1	Speed 2	Speed 3
Load	0-660rpm	0-1550rpm	0-3300rpm
Diameter	65-131mm	35-60mm	10-30mm
Rig Compatibility	TRIX160		
Cable Length	5m		
Weight	5.9kg		

✓ Trades & Applications

Applications	Plumber	Electrician	HVAC
Core Cutting	✓	✓	✓

Product Codes

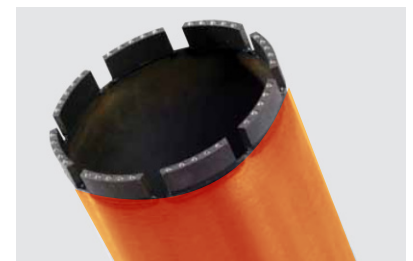
Item Code	Description	Pack Qty
RM160KIT	Diamond Core Drilling Kit	1
RM160	Drilling Motor 2000W (Only)	1
TRIX160	Drilling Motor Rig (only)	1

DIAMOND DRILLING AND CUTTING RANGE

Diamond Drilling Core Bits

Ramset™ Diamond Cores - Wet

Item Code	Length (mm)	Diameter (mm)	Pack Qty
1/2" BSP Thread			
DCWS014400	400	14	1
DCWS016400	400	16	1
DCWS018400	400	18	1
DCWS020400	400	20	1
DCWS024400	400	24	1
DCWS026400	400	26	1
DCWS032400	400	32	1
DCWS035400	400	35	1
DCWS040400	400	40	1
1 1/4" UNC			
DCWL067450	450	67	1
DCWL077450	450	77	1
DCWL082450	450	82	1
DCWL092450	450	92	1
DCWL102450	450	102	1
DCWL117450	450	117	1
DCWL125450	450	125	1
DCWL132450	450	132	1
DCWL142450	450	142	1
DCWL152450	450	152	1



Description

Ramset™ Diamond Cores use industrial grade diamond, which is the hardest material on earth. They are ground down into very small pieces and mixed with a metallic paste called the bond. This is what holds the diamonds in place and forms the segments or the teeth of the core bit.

Diamonds within the segments are very brittle and break several times before wearing away, this breaking constantly exposes new sharp cutting edges and it is these edges that cut the material.

DIAMOND DRILLING AND CUTTING RANGE

Diamond Dry Cutting Machines

Wall Chaser

Description

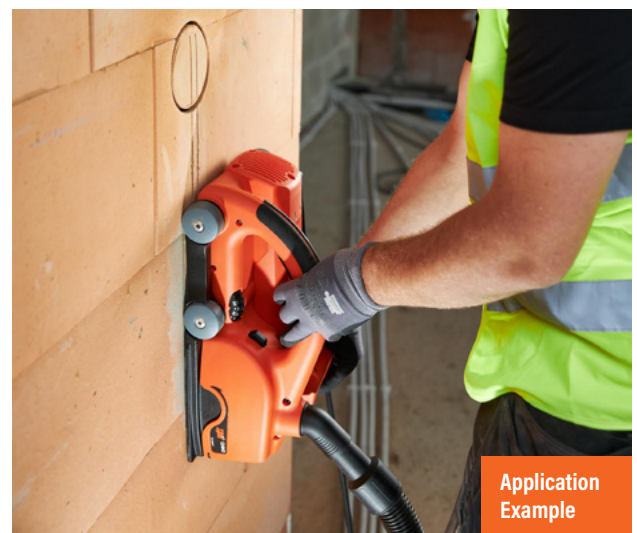
Fast and dust free concrete chaser with 2500 watts of power. Ideal for concealment of conduit or wires, adjustable from 2.6mm to 46.5mm wide and 50mm deep. Two 150mm concrete cutting blades included.

✓ Features & Benefits

- Quick blade fixing and removal.
- Variable width and depth of the cut - 150mm.
- Safe ergonomic design.
- Soft start motor.
- Secure concrete face contact for straight cut.
- Close to edge operation.
- Constructed for optimum dust extraction.
- LED lights indicating pressure load on tool.

Specification

Voltage	240 Volt
Power Input	2500 Watt
Disc Diameter	150mm
Groove Depth	0-50mm
Groove Width	2.6 - 46.5mm
Weight According to EPTA	6.5kg
Concrete blades included	



Application Example

✓ Trades & Applications

Applications	Plumber	Electrician	HVAC	Builder
Concrete wall chasing	✓	✓	✓	✓

Product Codes

Item Code	Description	Pack Qty
RW150ES	Concrete Chaser 2500W	1

DIAMOND DRILLING AND CUTTING RANGE

Vacuum Cleaners

Vacuum Cleaner Class-M 35 Litre

Description

Industrial quality Class-M vacuum cleaner for jobsite dust and water extraction. Automatic electromagnetic pulse system cleans the filters without interrupting the air flow intake, making this unit ideal for dustless concrete drilling and cutting. Traps 99.9% of dust under 2 microns in size.

✓ Features & Benefits

- Class-M rating for drilling & cutting concrete.
- Powerful 1600W motor provides industrial quality cleaning.
- High speed (35,000rpm) turbine.
- 17% higher air flow & 8% higher vacuum (280mbar).
- Removes 99.9% of concrete dust under 2 micron size.
- Electromagnetic pulse filter cleaning system.
- Polyester filters provide longer life.
- All accessories included.



✓ Trades & Applications

Applications	Plumber	Electrician	HVAC	Builder
Core cutting dust extraction	✓	✓	✓	
Wall chasing dust extraction		✓		
Angle Grinder dust extraction	✓		✓	✓

Product Codes & Specifications

Item Code	Description	Power	Max. Airflow	Max. Water Column Depression	Pack Qty
RV1632M	35L Class M Vacuum	1600W	75 L/S	280 mbar	1

Accessories

620911	PE Vacuum Dust Bags				5 Pack
620922	Dust Bags (Pack of 5)				1
644004	5m antistatic hose				1
644030	Accessory Kit				1

DIAMOND DRILLING AND CUTTING RANGE

Diamond Drilling Accessories

Vacuum Sets

Description

A vacuum set including seals and pressure gauge for use with the TRIX series drilling rigs. When used in conjunction with the vacuum pump the rigs can be located and secured on a surface via suction rather than hold down anchors.

Item Code	Description	Pack Qty
624025	Vacuum Set for TRIX160 Rig	1



Core Drill Extensions

Description

Extensions for core drills.

Item Code	Description	Pack Qty
622020	Extension Rod 1/2" x 300mm	1



DIAMOND DRILLING AND CUTTING RANGE

Diamond Drilling Accessories

Quick Release Bolts

Description

M12 for fixing into DynaSet™ drop in anchors to secure drill rigs.

Item Code	Description	Pack Qty
622220	Quick Release Connector Bolts	1



Diamond Cutting Blades

Description

Blades are suited to most general cutting applications and have a large operating range for multi surface use.

Item Code	Diameter (mm)	Description	Pack Qty
GC127LS	125	Diamond Blade 125mm Segmented	1
GC152TS	150	Diamond Blade 150mm Turbo	2
GC127TS	125	Diamond Blade 125mm Turbo	1



Cut Off Wheels

Item Code	Diameter (mm)	Description	Pack Qty
CW125SU	125 x 1.0	Cutoff Wheel-Steel INOX	25



CORDLESS POWER TOOLS

18V Lithium-Ion Cordless Range

18V Cordless Rotary Hammer



Description

A powerful new brushless 18V Cordless DynaDrill™ Rotary Hammer delivers exceptional concrete drilling performance.

Specification

Battery Pack	18 V / 6.0 Ah
Battery Type	Li-Ion
Rated Speed	0 - 890 rpm
Impact Rate (Full-load)	0 - 4350 bpm
Impact Energy	2.6 J
Maximum Drill Diameters Concrete	26 mm
Masonry (Using Core Bit)	68 mm
Steel	13 mm
Wood	30 mm
Optimum Drilling Diameter - Concrete	8-16 mm
Tool Holder	SDS-Plus
Weight incl. Battery	3.6 kg

Features & Benefits

Powerful rotary hammer with the flexibility of a quick-change chuck system.

- New brushless motor with electronic protection delivers corded performance.
- Delivers 2.6J of impact energy for superior drilling and chiselling performance.
- Equipped with kickback control for improved operator safety.
- Electronic precision control for better tool handling.
- Enhanced anti-vibration system provides maximum operator comfort.
- This versatile tool provides rotary hammer, hammer only and rotary only functions.
- Large capacity 18V 6.0Ah battery pack delivers superior run time.

Rotary Hammer

Part No	Description	Order Qty
DD518	Brushless Rotary Hammer*	1
	18V Starter Kit	
CBBASEKIT18	2x Batteries CBBAT18, 1x Charger CBCHR18,	1 KIT

*Can be purchased as bare unit or as part of a kit.

CORDLESS POWER TOOLS

18V Lithium-Ion Cordless Range

18V Cordless Hammer Drill / Driver



Description

Cordless tool for high performance torque drilling, screw driving and percussion drilling.

Specification

Battery Pack	18 V / 6.0 Ah
Battery Type	Li-Ion
No Load Speed (1st gear / 2nd gear)	0 - 480 / 0 - 2100 rpm
Impact Rate	0 - 31500 bpm
Max. Drilling Capacity Steel / Wood / Masonry	13 / 82 / 16 mm
Torque Settings	25+1
Max Torque	75 Nm
Weight incl. Battery	2.8 kg



Features & Benefits

- New brushless motor delivers 75Nm of torque.
- Equipped with kickback control for improved operator safety.
- Robust 13mm full metal chuck.
- Electronic motor protection prevents overload damaging the tool.
- Integrated LED light for working in dark spaces.

Hammer Drill Driver

Part No	Description	Order Qty
CBHDD18	Brushless Hammer Drill Driver*	1
CBBASEKIT18	18V Starter Kit 2x Batteries CBBAT18, 1x Charger CBCHR18,	1 KIT

*Can be purchased as bare unit or as part of a kit.

CORDLESS POWER TOOLS

18V Lithium-Ion Cordless Range

18V Cordless Angle Grinder



Description

Brushless 5" cordless angle grinder ideal for a variety of cutting and finishing jobs on the building site.

Specification

Battery Pack	18 V / 6.0 Ah
Battery Type	Li-Ion
Rated Speed	9000 rpm
Max Disc Diameter	125 mm
Spindle Size	M14
Handle Positions	3
Weight incl. Battery	2.8 kg

Angle Grinder

Part No	Description	Order Qty
CBAGR18	Brushless Angle Grinder*	1
CBBASEKIT18	18V Starter Kit 2x Batteries CBBAT18, 1x Charger CBCHR18,	1 KIT

*Can be purchased as bare unit or as part of a kit.

✓ Features & Benefits

- New brushless motor delivers benchmark angle grinder performance.
- Electronic Motor Protection prevents tool overload and ensures long life.
- Tool is equipped with kickback stop, fast brake and restart protection for operator safety.
- Soft start motor with more power & longer runtime.
- Auxiliary handle can be used on right or left of tool.
- Adjustable anti-rotation protective guard.

Noise / Vibration Information

Sound pressure level:	79dB (A)
Sound power level:	90dB (A)

Surface Grinding

Vibration emission value ah	6.0 m/s ²
Uncertainty K	1.5 m/s ²

Disk Sanding

Vibration emission value ah	3.5 m/s ²
Uncertainty K	1.5 m/s ²

CORDLESS POWER TOOLS

18V Lithium-Ion Cordless Range

18V Brushless Impact Driver/Wrench



Description

The Ramset™ brushless 2 in 1 Impact Driver / Wrench combination tool delivers incredible versatility on the job site.

Specification

Battery Pack	18 V / 6.0 Ah
Battery Type	Li-Ion
No Load Speed	0 - 1300 rpm / 0 - 2000 rpm / 0 - 2800 rpm
Impact Rate	0 - 1100 rpm / 0 - 2600 rpm / 0 - 3200 rpm
Bit Retention	1/4" Hexagon & 1/2" Square
Torque	170/185 Nm
Weight incl. Battery	1.9 kg

Impact Driver/Wrench

Part No	Description	Order Qty
CBIDW18	Brushless Impact Driver/Wrench*	1
	18V Starter Kit	
CBBASEKIT18	2x Batteries CBBAT18, 1x Charger CBCHR18,	1 KIT

*Can be purchased as bare unit or as part of a kit.

✓ Features & Benefits

Impact Driver combined with Impact Wrench in the same tool!

- Unique bit holder combines 1/4" Hexagon & 1/2" Square for the most versatile impact tool on the jobsite.
- New brushless motor delivering high torque from a compact tool design.
- Best power to weight performance in its class.
- 3 LED lights for working in dark spaces.
- 3 different power settings for working with different applications & materials.
- Advanced motor delivers long tool lifetime and higher efficiency per battery charge.

Noise / Vibration Information

Sound pressure level:	95dB (A)
Sound power level:	106dB (A)
Impact Tightening of Fasteners	
Vibration emission value ah	13.5 m/s ²
Uncertainty K	1.5 m/s ²

*wear ear and eye protection.

CORDLESS POWER TOOLS

18V Lithium-Ion Cordless Range

18V Cordless ChemSet™ Applicator



A18
Lithium Ion

Description

The powerful Ramset™ R18 Lithium Ion applicator is ideal for effortless dispensing of all Ramset™ Chemical injection products. To suit the below cartridges 380ml, 600ml & 750ml cartridge capacity. EPCON C6 PLUS, ChemSet™ 801 XC² Xtrem, ChemSet™ 101 PLUS

Specification

Battery Pack	18 V / 5.0 Ah
Battery Type	Li-Ion
Maximum Dispensing Rate	0 - 533ml/min.
Dispensing Force	430kg
Cartridge Capacity	380ml, 600ml & 750ml
Weight incl. Battery	3.64kg

✓ Features & Benefits

- Variable speed trigger for enhanced control.
- Anti-drip mechanism instantly stops material dripping upon trigger release.
- Adjustable speed control.
- Robust, all metal gear system.
- Class leading dispensing performance.

Note: Compatible with Milwaukee 18V battery range

Applicator

Part No	Description	Order Qty
CUAR18	18V Powered Applicator	1

CORDLESS POWER TOOLS

18V Lithium-Ion Cordless Range

18V Brushless Starter Kit



Description

18V battery & charger starter kit to support brushless range of cordless power tools.

✓ Features & Benefits

- 20% increase in runtime over 5.0Ah batteries.
- Battery fuel gauge LED's light up showing how much charge is left.
- Suits all 18V brushless tools.
- Fast battery charger.
- Air cooling for longer lifetime of the batteries.

Charger & Battery

Part No	Description	Order Qty
CBBAT18	18V 6.0Ah Battery	1
CBCHR18	18V Charger	1
CBBASEKIT18	18V Base Kit 2x Batteries CBBAT18, 1x Charger CBCHR18,	1 KIT
CKITBAG	18V Tool Kit Bag	1

CORDLESS POWER TOOLS

18V Lithium-Ion Cordless Range

18V HEPA Dust Extraction Box

Description

The CBDBX18 is the optimum cordless dust management system for use with the DynaDrill™ 518 Brushless Rotary Hammer. It features a HEPA filter for optimised dust collection, removing 99.97% of dust particles larger than 0.3 micrometers.

✓ Features & Benefits

- Features a HEPA filter for optimal dust collection, removes 99.97% of dust particles larger than 0.3 microns.
- Auto power function turns on when drilling and shuts off two seconds after releasing the drill trigger.
- Functions include auto power, bit target and a dust capacity indicator.



✓ Trades & Applications

Applications	Plumber	Electrician
Drilling into concrete	✓	✓
Masonry drilling	✓	✓

Product Codes & Specifications

Part No.	Power Supply	Power Source
CBDBX18	18V	6.0Ah Li-Ion

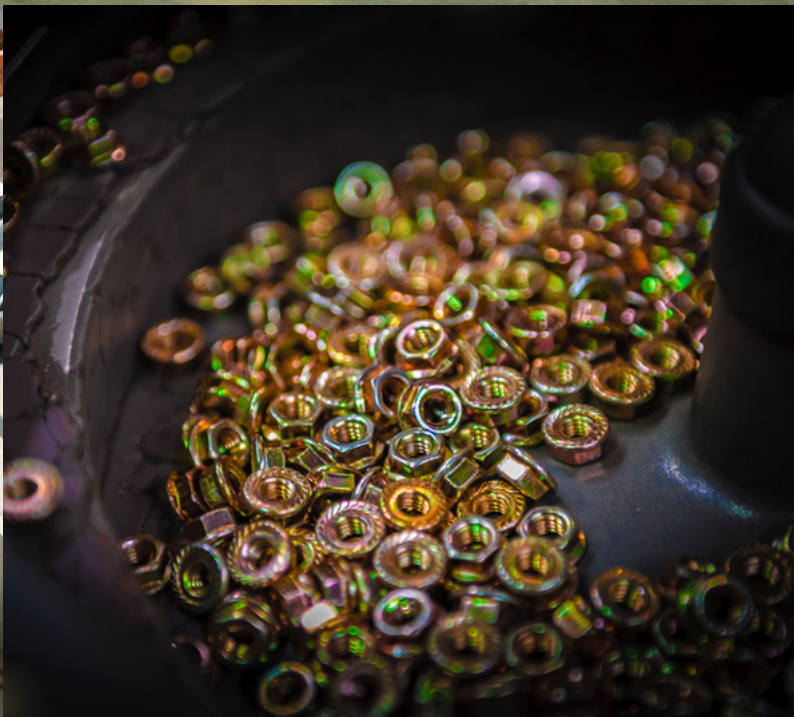
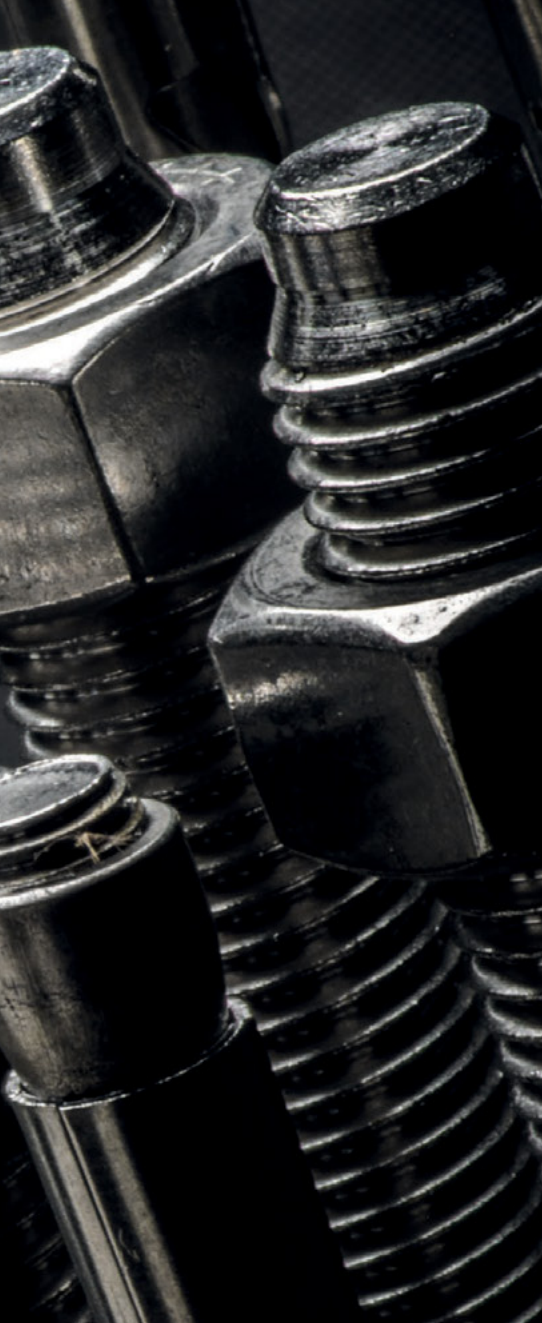


Mechanical Anchoring

Ramset™ Mechanical Anchors are manufactured to our high quality standards to ensure maximum confidence the product is fit for purpose and will meet the designers load requirements.

The Ramset™ Mechanical Anchoring range consists of:

- Xtrem™ Seismic Anchors
- Boa™ Coil Expansion Anchor
- TruBolt™ Stud Anchors
- AnkaScrew™ Screw In Anchors
- DynaBolt™ Sleeve Anchors
- TruFast™ Push Pull Suspension Anchor
- DynaSet™ Drop-In Anchor
- Electrical and Plumbing Fixture Suspension Anchors



HEAVY DUTY ANCHORS

XTREM™ Anchoring For Design Specification

Performance Icons



SpaTec™ Xtrem™ Safety Anchors

Description

The SpaTec™ Xtrem™ Safety Anchor is a heavy duty, torque controlled expansion anchor, with an integrated pull-down section, designed for high performance in both static and dynamic load applications, in both cracked and non-cracked concrete and for C1 & C2 seismic applications. The SpaTec™ Xtrem™ is ideally suited for through fixing into concrete when security and reliability are paramount.

✓ Features & Benefits

- The combination of a high tensile class 8.8 bolt with an extra thick-walled spacer allows a smaller diameter bolt to be used for easier installation while still providing both excellent tensile and shear performance. The spacer also incorporates a visual maximum fixture thickness indicator for ease of use.
- The patented anti-rotation expansion sleeve is designed with sharp angled protrusions that grip the sides of the hole, preventing anchor rotation during installation.



✓ Trades & Applications

Applications	Steel Fabricator	Maintenance Fitter	Plumbing Contractor	Electrical Contractor	Construction Contractor	Elevator Installer
Anchoring structural steel column/beams	✓					
Anchoring HVAC units			✓	✓		
Machinery hold down		✓				
Anchoring crane rails					✓	
Anchoring elevator guide rails						✓

Product Codes & Specifications

Material	Item Code	Thread Size (mm)	Anchor Length (mm)	Depth of drill hole, h _i (mm)	Drilled Hole Dia ø (mm)	Fixture Hole Ø (mm)	Max Torque (Nm)	Pack Qty
●	SP10105	M10	105	90	15	17	50	25
●	SP12105	M12	105	105	18	20	80	25
●	SP12120	M12	120	105	18	20	80	25
◆	SP12120SS**	M12	120	105	18	20	80	25
●	SP16145	M16	145	131	24	26	120	10
●	SP20170	M20	170	157	28	30	200	5

● Carbon Steel Zinc Plated

◆ Stainless Steel 316

◆ Galvanised

**Special Order

HEAVY DUTY ANCHORS

XTREM™ Anchoring For Design Specification

Performance Icons



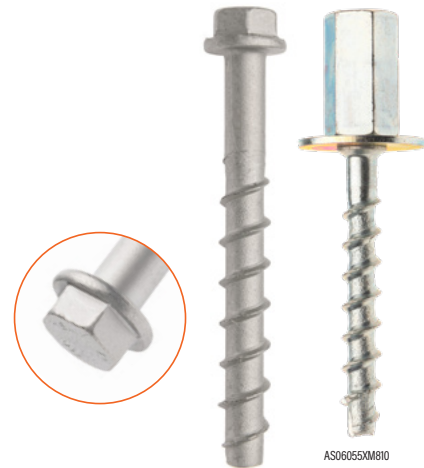
AnkaScrew™ Xtrem™ Safety Anchors

Description

The Ramset™ AnkaScrew™ Xtrem™ is an ETA certified, C1 & C2 seismic and fire rated, heavy duty screw-in anchor. This removable anchor is well suited to close-to-edge or close-to-anchor fixing as it does not expand and burst the surrounding substrate.

Features & Benefits

- The AnkaScrew™ Xtrem™ is ideal for close-to-edge and close-to-anchor installation as its self-tapping, rotation setting method of installation is subject to low expansion pressure, therefore does not burst the substrate.
- For concrete and hollow core, brick & block (solid & hollow).
- The AnkaScrew™ Xtrem™ thread design provides clearance for rapid removal of material and reduces jamming.
- The AnkaScrew™ Xtrem™ is 100% removable.



AS0605XM810

Trades & Applications



Seismic



Fire Rated



ETA

XTREM
PERFORMANT ANCHORS

Applications	Carpenter	Construction Contractor	Racking Installer	Formworker
Steel Framing	✓	✓		
Bottom plates	✓			✓
Hand rails	✓	✓		✓
Pallet racking			✓	
General Anchoring	✓	✓	✓	✓

Product Codes & Specifications

Material	Part No.	Anchor Size (mm)	Max Fixture Thickness (mm)	Anchor Length (mm)	Drilled Hole Ø (mm)	Fixture Hole Ø (mm)	Min Hole Depth (mm)	Socket Size (mm)	Order Qty
●	AS06050X	6	10	50	6	8	45	13	100
●	AS06080X	6	40	80	6	8	45	13	100
●	AS08060X	8	15	60	8	12	55	13	100
●	AS08080X	8	35	80	8	12	55	13	100
●	AS10060X**	10	5	60	10	14	65	15	50
●	AS10100X**	10	45	100	10	14	65	15	50
●	AS12080X	12	15	80	12	16	75	17	50
●	AS12110X**	12	45	110	12	16	75	17	25
●	AS12150X**	12	85	150	12	16	75	17	25
●	AS06055XM810	6	N/A	55	6	N/A	60	13	50

● Carbon Steel Zinc Plated

◆ Stainless Steel 316

◆ Galvanised

**Special Order

HEAVY DUTY ANCHORS

XTREM™ Anchoring For Design Specification

Performance Icons



TruBolt™ Xtrem™ Stud Anchors

Description

The Ramset™ TruBolt™ Xtrem™ is a seismic certified heavy duty, torque controlled expansion anchor for permanent anchoring in a wide range of structural and non-structural applications in concrete. ETA Certified to seismic C1 & C2 applications and meets AS 5216 and NZ S3101 pre-qualification requirements.

Features & Benefits

- The TruBolt™ Xtrem™ diameter equals the required hole diameter providing maximum shear capacity for the hole size and making drill bit selection simple.
- The anchor design ensures maximum expansion of the sleeve and pull-down.



Trades & Applications



Applications	Steel Fabricator	Construction Contractor	HVAC	Seating Contractor	Fire & Security	Electrician
Anchoring structural steel column/beams	✓					
Facade installation		✓				
Curtain wall installation		✓				
Pipe suspension			✓			
Sprinkler pipe services					✓	
Stadium seating				✓		
Pipe & cable tray installation						✓

Product Codes & Specifications

Material	Item Code	Thread Size	Anchor Length (mm)	Max Fixture Thickness (mm)	Drilled Hole Ø (mm)	Min Hole Depth (mm)	Max Torque (Nm)	Fixture Hole Ø (mm)	Pack Qty
●	T08075X	M8	75	15	8	60	20	9	100
●	T10085X	M10	85	5	10	75	45	12	50
●	T10100X	M10	100	20	10	75	45	12	25
●	T10120X	M10	120	40	10	75	45	12	25
●	T10140X	M10	140	60	10	75	45	12	25
●	T12105X	M12	105	10	12	90	60	14	25
●	T12115X	M12	115	20	12	90	60	14	25
●	T12135X	M12	135	40	12	90	60	14	25
●	T12180X	M12	180	85	12	90	60	14	20
●	T16145X	M16	145	25	16	110	110	18	10
●	T16170X	M16	170	50	16	110	110	18	10
●	T20170X	M20	170	30	20	130	160	22	10
●	T20200X	M20	200	60	20	130	160	22	10

● Carbon Steel Zinc Plated

◆ Stainless Steel 316

◆ Galvanised

HEAVY DUTY ANCHORS

High Load Applications

Performance Icons



TruBolt™ Stud Anchors

Description

The TruBolt™ Stud Anchor is a true-to-size, heavy duty, torque controlled expansion anchor, for permanent anchoring into concrete.

✓ Features & Benefits

- The TruBolt™ diameter equals the required hole diameter providing maximum shear capacity for the hole size and making drill bit selection simple. Its cold forged construction ensures superior strength and reliability.



✓ Trades & Applications

Applications	Steel Fabricator	Elevator Installer	Construction Contractor	Seating Contractor	Racking Installer
Handrails, balustrades & safety barriers	✓				
Anchoring elevator guide rails		✓	✓		
Anchoring structural steel column/beams	✓				
Stadium seating				✓	
Pallet racking					✓

Product Codes & Specifications

Material	Item Code	Thread Size	Anchor Length (mm)	Drilled Hole Ø (mm)	Max Fixture Thickness (mm)	Fixture Hole Ø (mm)	Min Hole Depth (mm)	Effective Length (mm)	Pack Qty
◆	T10090GH	M10	90	10	25	12	90	67	20
◆	T12080GH	M12	80	12	6	14	90	58	20
◆	T12100GH	M12	100	12	25	14	105	71	20
◆	T12140GH	M12	140	12	65	14	105	111	20
◆	T12180GH	M12	180	12	100	14	125	151	20
◆	T16110GH	M16	110	16	8	18	125	70	20
◆	T16125GH	M16	125	16	20	18	135	85	20
◆	T16150GH	M16	150	16	45	18	145	110	20
◆	T16175GH	M16	175	16	70	18	145	135	20
◆	T20140GH	M20	140	20	10	24	160	95	10
◆	T20160GH	M20	160	20	35	24	170	115	10
◆	T20215GH	M20	215	20	90	24	200	170	10

● Carbon Steel Zinc Plated

◆ Stainless Steel 316

◆ Galvanised

HEAVY DUTY ANCHORS

High Load Applications

Performance Icons



Boa™ Coil Expansion Anchors

Description

The Boa™ Coil Expansion Anchor is a removable, high strength, heavy duty, rotation setting expansion anchor for concrete.

The Boa™ is ideally suited for through fixing into concrete when cast-in performance or clean removal is required.

✓ Features & Benefits

- High load capacity is achieved due to the expansion coil locking into the sides of the hole, when set, to give cast-in type performance.
- High clamping load and resistance to cyclic loading result from the pulldown effect achieved through the rotation setting action of the anchor.
- Low profile hex head provides a neat finish.
- Removal is easy, clean and fast, as the expansion coil stays.



✓ Trades & Applications

Applications	Steel Fabricator	Formworker	Scaffold Contractor	Maintenance Fitter
Handrails, balustrades & safety barriers	✓			
Formwork support		✓		
Scaffold support			✓	
Anchoring structural steel column/beams	✓			
Machinery hold down				✓

Product Codes & Specifications

Item Code	Anchor Size	Anchor Length (mm)	Pack Qty
● BAC08075	1/2"/13 mm	75	50
● BAC08100	1/2"/13 mm	100	25
● BAC10090	5/8"/16 mm	90	25
● BAC10125	5/8"/16 mm	125	25
● BAC12115	3/4"/19 mm	115	10

Boa™ Coil Anchors - COIL ONLY

Item Code	Anchor Size	Pack Qty
● BAC08	1/2"/13 mm	100
● BAC10	5/8"/16 mm	100
● BAC12	3/4"/19 mm	50

● Carbon Steel Zinc Plated

◆ Stainless Steel 316

◆ Galvanised

MEDIUM DUTY ANCHORS

High Load Applications

Tapcon 410 Stainless Steel

Description

- Made from 410 stainless steel.
- Reverse & remove.



Product Codes & Specifications

Product Code	Anchor Size	Head Type	Pack Qty
SPF4-334	¼" x 3-3/4"	Countersunk	100
SHW4-134	¼" x 1-3/4"	Hex Head	100

MEDIUM DUTY ANCHORS

Medium Load Applications

Performance Icons



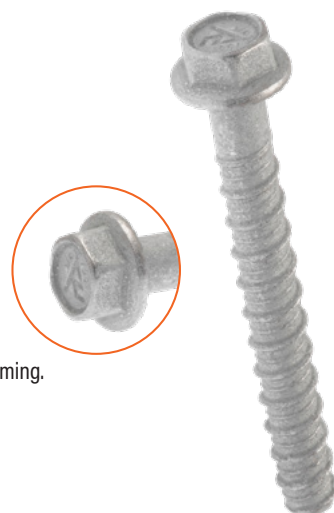
WERCS™ AnkaScrew™ Anchors

Description

The Ramset™ WERCS™ Screw-In Anchor is a totally removable, medium duty, rotation setting, thread forming anchor, ideal for either temporary or permanent anchoring into substrates such as concrete, brick, hollow brick or block. The WERCS™ AnkaScrew™ is particularly well suited to close-to-edge or close-to-anchor fixing as it does not expand and burst the surrounding substrate.

✓ Features & Benefits

- High thread engagement increases clamp force and holding capacity over a wide range of loading.
- The WERCS™ AnkaScrew™ thread design provides clearance for rapid removal of material and reduces jamming.
- The WERCS™ AnkaScrew™ is 100% removable.
- The WERCS™ AnkaScrew™ is both fast and easy to install as it simply screws into a pre-drilled hole.
- For concrete, brick & block (solid & hollow).


 Australian
Made 
WERCS™

Product Codes & Specifications

Material	Item Code	Thread Size	Anchor Length (mm)	Drilled Hole Ø (mm)	Max Fixture Thickness (mm)	Fixture Hole Ø (mm)	Socket Size (mm)	Pack Qty
◆	AS06050WGM	6	50	6	20	8	10	50
◆	AS06075WGM	6	75	6	45	8	10	50
◆	AS06100WGM	6	100	6	70	8	10	50
◆	AS08060WGM	8	60	8	20	10	13	50
◆	AS08075WGM	8	75	8	35	10	13	50
◆	AS08100WGM	8	100	8	60	10	13	50
◆	AS10060WGM	10	60	10	10	13	15	25
◆	AS10075WGM	10	75	10	25	13	15	25
◆	AS10100WGM	10	100	10	50	13	15	25
◆	AS12075WGM	12	75	12	15	15	16	25
◆	AS12100WGM	12	100	12	40	15	16	20
◆	AS12150WGM	12	150	12	90	15	16	20

**Note: WERCS™ AnkaScrew™ are Mechanically Galvanised

● Carbon Steel Zinc Plated

◆ Stainless Steel 316

**◆ Galvanised

MEDIUM DUTY ANCHORS

Medium Load Applications

Performance Icons



AnkaScrew™ Screw-in Anchors

Description

The Ramset™ AnkaScrew™ Screw-In Anchor is a totally removable, medium duty, rotation setting, thread forming anchor, ideal for either temporary or permanent anchoring into substrates such as concrete, brick, hollow brick or block. The AnkaScrew™ is particularly well suited to close-to-edge or close-to-anchor fixing as it does not expand and burst the surrounding substrate.

✓ Features & Benefits

- Fast and easy to install as it simply screws into a pre-drilled hole.
- The AnkaScrew™ is even faster and easier to remove. It simply screws out leaving an empty hole with no protruding metal parts to grind off.
- The AnkaScrew™ is ideal for close-to-edge and close-to-anchor installation as its self-tapping, rotation setting method of installation is not subject to any expansion pressure, therefore does not burst the substrate.

✓ Trades & Applications

Applications	Carpenter	Construction Contractor	Racking Installer	Formworker
Bottom plates	✓			
Temporary hand rails/safety barriers		✓		
Pallet racking			✓	
Formwork support				✓

Product Codes & Specifications

Material	Item Code	Anchor Size (mm) x Anchor Length (mm)	Head Type	Pack Qty
●	AS10150GH	10x150	Flanged Hex Head (Galvanised)	25

● Carbon Steel Zinc Plated

◆ Stainless Steel 316

◆ Galvanised

MEDIUM DUTY ANCHORS

Medium Load Applications

Performance Icons



DynaBolt™ Plus Sleeve Anchors Hex Bolt

Description

The DynaBolt™ Plus Sleeve Anchor is a medium duty, torque setting expansion anchor. The patented sleeve crushes to close gaps up to 5 mm and pulls down to induce clamp load.

✓ Features & Benefits

- The DynaBolt™ Plus patented expansion sleeve closes gaps of up to 5mm, pulling down on the fixture to induce clamp load and provide improved security.
- The DynaBolt™ Plus is a fully assembled through fixture anchor. Therefore, assembly, marking out and re-positioning of fixtures is eliminated making installation fast and easy.



✓ Trades & Applications

Applications	Carpenter	Construction Contractor	Window Installer	Racking Installer
Bottom plates	✓			
Hand rails		✓		
Window frames			✓	
Pallet racking				✓

Product Codes & Specifications

Material	Part No.	Thread Size	Max Fixture Thickness (mm)	Anchor Length (mm)	Drilled Hole Ø (mm)	Fixture Hole Ø (mm)	Min Hole Depth (mm)	Effective Length (mm)	Order Qty
◆	DP08070HSS	M6	32	70	8	10	65	60	50
◆	DP10080HSS	M8	30	80	10	12	80	69	50
◆	DP12075HSS	M10	20	75	12	15	75	62	25
●	DP08045H	M6	15	45	8	10	55	34	100
●	DP08070H	M6	32	70	8	10	65	60	50
●	DP10055H	M8	20	55	10	12	55	42	50
●	DP10080H	M8	30	80	10	12	80	69	50
●	DP12075H	M10	20	75	12	15	75	62	25
●	DP12105H	M10	50	110	12	15	95	90	20

● Carbon Steel Zinc Plated

◆ Stainless Steel 316

◆ Galvanised

MEDIUM DUTY ANCHORS

Medium Load Applications

Performance Icons



DynaBolt™ Plus Sleeve Anchors Hex Nut

Description

The DynaBolt™ Plus Sleeve Anchor is a medium duty, torque setting expansion anchor. The patented sleeve crushes to close gaps up to 5mm and pulls down to induce clamp load.

Features & Benefits

- The DynaBolt™ Plus patented expansion sleeve closes gaps of up to 5mm, pulling down on the fixture to induce clamp load and provide improved security.
- The DynaBolt™ Plus is a fully assembled through fixture anchor. Therefore, assembly, marking out and re-positioning of fixtures is eliminated making installation fast and easy.



Product Codes & Specifications

Material	Item Code	Thread Size	Anchor Length(mm)	Drilled Hole Ø (mm)	Max Fixture Thickness (mm)	Fixture Hole Ø (mm)	Pack Qty
●	D6026	M4.5	26	6	3	8	100
●	DP06040	M4.5	38	6	12	8	100
◆	DP06040SS	M4.5	38	6	12	8	100
●	DP06060	M4.5	57	6	30	8	100
◆	DP06060SS	M4.5	57	6	30	8	100
●	DP08040	M6	40	8	6	10	100
◆	DP08040SS	M6	40	8	6	10	100
●	DP08065	M6	66	8	25	10	50
◆	DP08065SS	M6	66	8	25	10	50
●	DP08090	M6	92	8	50	10	50
●	DP10040	M8	41	10	3	12	50
●	DP10050	M8	49	10	20	12	50
◆	DP10050GH	M8	49	10	20	12	50
◆	DP10050SS	M8	49	10	20	12	50
●	DP10075	M8	76	10	30	12	50
◆	DP10075GH	M8	76	10	30	12	50
◆	DP10075SS	M8	76	10	30	12	50
●	DP10100	M8	103	10	50	12	25
◆	DP10100GH	M8	103	10	50	12	25
◆	DP10100SS	M8	103	10	50	12	25
●	DP12060	M10	55	12	10	15	25
◆	DP12060GH	M10	55	12	10	15	25
◆	DP12060SS	M10	55	12	10	15	25
●	DP12070	M10	70	12	15	15	25
◆	DP12070GH	M10	70	12	15	15	25
◆	DP12070SS	M10	70	12	15	15	25
●	DP12100	M10	98	12	45	15	20
◆	DP12100GH	M10	98	12	45	15	20
●	DP12125	M10	126	12	70	15	20
◆	DP12125GH	M10	126	12	70	15	20
●	DP16065	M12	62	16	6	19	20
◆	DP16065GH	M12	62	16	6	19	20
●	DP16110	M12	106	16	35	19	10
◆	DP16110GH	M12	106	16	35	19	10
●	DP16140	M12	140	16	65	19	10
●	DP20080	M16	81	20	8	24	10
●	DP20115	M16	113	20	25	24	5
●	DP20160	M16	157	20	70	24	5

● Carbon Steel Zinc Plated

◆ Stainless Steel 316

◆ Galvanised

MEDIUM DUTY ANCHORS

Medium Load Applications

Performance Icons



DynaBolt™ Plus Sleeve Anchors Flat Head

Description

The DynaBolt™ Plus Sleeve Anchor is a medium duty, torque setting expansion anchor. The patented sleeve crushes to close gaps up to 5mm and pulls down to induce clamp load.

✓ Features & Benefits

- The DynaBolt™ Plus patented expansion sleeve closes gaps of up to 5mm, pulling down on the fixture to induce clamp load and provide improved security.
- The DynaBolt™ Plus is a fully assembled through fixture anchor. Therefore, assembly, marking out and re-positioning of fixtures is eliminated making installation fast and easy.



✓ Trades & Applications

Applications	Carpenter	Construction Contractor	Window Installer	Racking Installer
Bottom plates	✓			
Hand rails		✓		
Window frames			✓	
Pallet racking				✓

Product Codes & Specifications

Material	Part No.	Thread Size	Max Fixture Thickness (mm)	Anchor Length (mm)	Drilled Hole Ø (mm)	Fixture Hole Ø (mm)	Min Hole Depth (mm)	Effective Length (mm)	Order Qty
●	D6034F	M4.5	10	34	6	8	40	30	100
●	DP06060F	M4.5	30	60	6	8	50	25	100
●	DP06075F	M4.5	45	75	6	8	50	25	100
●	DP06100F	M4.5	70	100	6	8	60	25	100
●	DP08060F	M6	20	60	8	10	70	30	100
●	DP08085F	M6	45	85	8	10	75	30	50
●	DP10075F	M8	30	75	10	12	85	34	50

● Carbon Steel Zinc Plated

◆ Stainless Steel 316

◆ Galvanised

MEDIUM DUTY ANCHORS

Medium Load Applications

Performance Icons



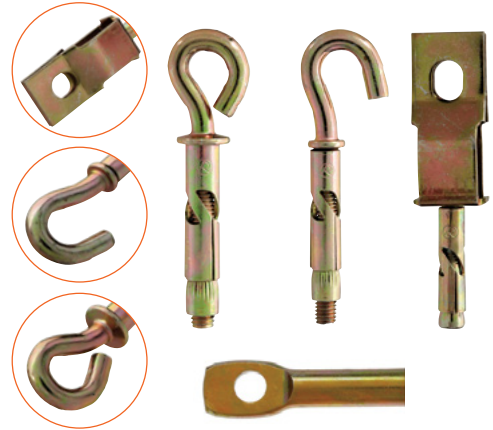
DynaBolt™ PLUS

Description

The DynaBolt™ Plus Sleeve Anchor is a medium duty, torque setting expansion anchor. The patented sleeve crushes to close gaps up to 5 mm and pulls down to induce clamp load.

✓ Features & Benefits

- The DynaBolt™ Plus patented expansion sleeve closes gaps of up to 5mm, pulling down on the fixture to induce clamp load and provide improved security.
- The DynaBolt™ Plus is a fully assembled through fixture anchor. Therefore, assembly, marking out and re-positioning of fixtures is eliminated making installation fast and easy.



✓ Trades & Applications

Applications	Carpenter	Construction Contractor	Window Installer	Racking Installer
Bottom plates	✓			
Hand rails		✓		
Window frames			✓	
Pallet racking				✓

Product Codes & Specifications

Material	Item Code	Bolt Style	Thread Size	Anchor Length (mm)	Drilled Hole Ø (mm)	Pack Qty
●	D06026S	Set Lok	M4.5	26	6	500
●	D08045K	Hook Bolt	M6	47	8	100
●	D08045X	Eye Bolt	M6	47	8	100
●	D08042E	Tie Wire Bolt	M6	42	8	100

● Carbon Steel Zinc Plated

◆ Stainless Steel 316

◆ Galvanised

MEDIUM DUTY ANCHORS

Medium Load Applications

DynaBolt™ Decorative Post Heads

Description

The Ramset™ DynaBolt™ countersunk head can be fitted to the Hex Nut DynaBolt™ to provide an alternate finish. The DynaBolt™ Plus Sleeve Anchor is a medium duty, torque setting expansion anchor.



✓ Features & Benefits

- DynaBolt™ Decorative Post Heads provide added flexibility to DynaBolt™ Plus Sleeve Anchors, providing a stainless steel counter sunk head style application.

✓ Trades & Applications

Applications	Carpenter	Window Installer	Ceiling & Partitioning Contractor
Hand rails	✓		
Window frames		✓	

Product Codes & Specifications

Material	Item Code	Head Style	Thread Size	Overall Length (mm)	Pack Qty
◆	DF045SS	Countersunk	M4.5	23	100
◆	DF06SS	Countersunk	M6	23	100
◆	DF08SS	Countersunk	M8	27	100

MEDIUM DUTY ANCHORS

Medium Load Applications

Performance Icons



DynaSet™ Drop-in Anchors

Description

The Ramset™ DynaSet™ Drop-In Anchor is an all steel, medium duty, displacement setting, expansion anchor designed to provide a permanent anchorage point in concrete. Its internal thread allows it to be used with both machine bolts and threaded rod, placing no restrictions on fixture thickness. Drop-in Anchors require the use of the correct setting tool to ensure full expansion of the anchor body. The setting tool also acts as a visual check for the correct setting of the anchor.



Product Codes & Specifications

Material	Part No.	Thread Size	Thread Length (mm)	Anchor Length (mm)	Drilled Hole Ø (mm)	Min Hole Depth (mm)	Setting Tool	Order Qty
●	DSM06	M6	11	25	8	28	SETDS1	100
●	DSM08	M8	13	30	10	33	SETDS2	100
●	DSM10	M10	16	40	12	43	SETDS3	50
●	DSM12	M12	21	50	16	53	SETDS4	50
●	DSM16	M16	28	65	20	68	SETDS5	25
●	DSM20	M20	35	80	25	83	SETDS6	25
●	DSF10	M10	14	30	12	33	SETDF3	100
◆	DSM06SS	M6	11	25	8	28	SETDS1	100
◆	DSM08SS	M8	13	30	10	33	SETDS2	100
◆	DSM10SS	M10	16	40	12	43	SETDS3	50
◆	DSM12SS	M12	21	50	15	53	SETDS4	50
◆	DSM16SS	M16	28	60	20	68	SETDS5	25

DynaSet™ SETTING TOOLS

Item Code	To Suit Dynaset	Pack Qty
SETDS1	DSM06/DSM06SS	1
SETDS2	DSM08/DSM08SS	1
SETDF3	DSF10	1
SETDS3	DSM10/DSM10SS	1
SETDS4	DSM12/DSM12SS	1
SETDS5	DSM16/DSM16SS	1
SETDS6	DSM20	1



● Carbon Steel Zinc Plated

◆ Stainless Steel 316

◆ Galvanised

LIGHT DUTY ANCHORS

Light Load Applications

Performance Icons



ShureDrive™ Drive Anchors

Description

The Ramset™ ShureDrive™ Drive Anchor is an all metal light duty, impact setting, interference fit anchor, designed for tamper resistant use in a variety of substrates such as concrete, stone, solid brick, solid block, hollow brick, hollow block and hollow slab.

✓ Features & Benefits

- Hammer-in method makes installation quick and easy.
- Full expansion of the anchor is evident when the head of the expansion nail sits flush with the flange.
- Once fully set, the ShureDrive™ becomes tamper resistant.
- The anchor's large flange prevents pullout.
- Optional A4 316 Stainless Steel 6mm version.

Tamper resistant head and large flange to prevent pull out.



Full expansion is evident when the head of the expansion nail sits flush with the flange.

✓ Trades & Applications

Applications	Electrical Contractor	Signwriter	Plumbing Contractor	Bricklayer
Brick Tie installation				✓
Sign installation		✓		
Pipe/Conduit Saddle installation	✓		✓	

Product Codes & Specifications

Material	Item Code	Anchor Size (mm)	Anchor Length (mm)	Pack Qty
●	SDM05022	5	22	100
●	SDM06030	6	30	100
◆	SDM06030SS	6	30	100
●	SDM06050	6	50	100

Note: The ShureDrive™ Drive Anchor should not be used for top fix or overhead applications

Application Example



● Carbon Steel Zinc Plated

◆ Stainless Steel 316

◆ Galvanised

LIGHT DUTY ANCHORS

Light Load Applications

Ankascrew™ Masonry Screw

Description

The Ramset™ Masonry screw is a multi-purpose light duty, screw in anchor for fixing into concrete, concrete block, brick and stone.

✓ Features & Benefits

- The AnkaScrew™ Masonry Screw is both fast and easy to install as it simply screws into a pre-drilled hole.
- The AnkaScrew™ Masonry Screw is even faster and easier to remove. It simply screws out leaving an empty hole with no protruding metal parts to grind off.
- The AnkaScrew™ Masonry Screw is ideal for close-to-edge and close-to-anchor installation as its self-tapping, rotation setting method of installation is not subject to any expansion pressure, therefore does not burst the substrate.



✓ Trades & Applications

Applications	Construction Contractor	Builder	DIY
Strapping	✓	✓	✓
Light duty anchoring	✓	✓	✓
Hanging items into concrete/masonry	✓	✓	✓

Product Codes & Specifications

Part No.	Anchor Length (mm)	Anchor Size (mm)	Drilled Hole Ø (mm)	Fixture Hole Ø (mm)	Max Fixture Thickness (mm)	Min Hole Depth (mm)	Order Qty
R516892	40	7.5	6	8	5	45	100
R516915	60	7.5	6	8	25	65	100
R516922	80	7.5	6	8	30	85	100
R516977	100	7.5	6	8	50	105	50

LIGHT DUTY ANCHORS

Light Load Applications

SplitDrive Anchor

Description

The SplitDrive Anchor is a light duty, impact setting interference fit anchor with counter sunk head.



Principal Applications

- Galvanised brick ties.
- Signs.
- Switch boxes.
- Shelf brackets.

✓ Features & Benefits

Convenient

- Simply insert through fixture and hammer in.
- For fixing to concrete, masonry and stone.
- Quick installation due to no secondary setting procedures being required.
- Large diameter head for greater pullover strength.

Economical

- Zinc plated nail.
- High strength anchor.

Secure

- Tamper resistant head style.
- Vibration resistant.
- Hardened steel construction.

Countersunk Head Zinc Plated

Part No.	Anchor Size (mm)	Length	Minimum Embedment Depth	Drill Diameter
SDCH0550	5	50	30	5.5
SDCH0575	5	75	30	5.5
SDCH0650	6	50	30	6.35 (1/4)
SDCH0675	6	75	30	6.35 (1/4)
SDCH06100	6	100	30	6.35 (1/4)

Countersunk Head Stainless Steel Grade AISI 316 (A4)

SDCH0675SS	6	75	30	6.35 (1/4)
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LIGHT DUTY ANCHORS

Light Load Applications

Performance Icons



RamPlug™ Nylon Frame Anchor

Description

The RamPlug™ Nylon Frame Anchor is a light duty, rotation setting, interference fit anchor, designed for use in a variety of substrates such as concrete, stone, solid brick, hollow brick, solid block, hollow block, hollow slab block and lightweight concrete (AAC) block. Available in Standard, Long and Ultra Long, with (Ultra Long only) or without a countersunk or hex head screw, there is a RamPlug™ for a range of light duty anchoring applications.

✓ Features & Benefits

- Anti-rotation barbs prevent the anchor from rotating in the hole.
- Countersunk sleeve allows for flush finishing.
- Nylon sleeve reduces the effects of cold bridging, e.g. mold growth, when compared to all-metal anchors.



✓ Trades & Applications

Applications	Carpenter	Flooring Contractor	Garage Door Installer	Window/Door Installer
Anchoring wall/base plates & battens	✓	✓		
Fitting door & window frames	✓			✓
Fitting garage doors			✓	

RamPlug™ - STANDARD

Item Code	Anchor Size (mm)	Anchor Length (mm)	Pack Qty
DNP05	5	25	100
DNP06	6	30	100
DNP08	8	40	100
DNP10	10	50	50

● Carbon Steel Zinc Plated

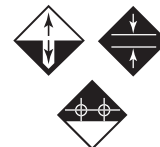
◆ Stainless Steel 316

◆ Galvanised

LIGHT DUTY ANCHORS

Light Load Applications

Performance Icons



Nylon Anchor

Description

The Ramset™ Nylon Anchor is a removable light duty, impact/rotation setting, interference fit anchor, with a variety of head styles, designed for use in a variety of substrates such as concrete, stone, solid brick, solid block, grout filled block and hollow block.

✓ Features & Benefits

- Available in multiple head styles for versatility.
- The drive screw's saw tooth thread makes it easy to drive and unscrew.
- Requires only small diameter holes for discreet fixing.



✓ Trades & Applications

Applications	Electrical Contractor	Signwriter	Plumbing Contractor
Electrical fitting installation	✓		
Sign installation		✓	
Pipe/Conduit Saddle installation	✓		✓

Product Codes & Specifications

Material	Item Code	Anchor Size (mm) x Anchor Length (mm)	Head Type	Pack Qty
●	TNM325	5 x 25	Mushroom	100
●	TNR325	5 x 25	Round	100
●	TNR338	5 x 38	Round	100
●	TNM425	6.5 x 25	Mushroom	100
●	TNR425	6.5 x 25	Round	100
●	TNM438	6.5 x 38	Mushroom	100
●	TNM450	6.5 x 50	Mushroom	100
●	TNM475	6.5 x 75	Mushroom	50

● Carbon Steel Zinc Plated

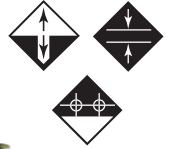
◆ Stainless Steel 316

◆ Galvanised

LIGHT DUTY ANCHORS

Light Load Applications

Performance Icons



EasyDrive™ Anchors

Description

The EasyDrive™ Nylon Drive Anchor is a removable light duty, impact/ rotation setting, interference fit anchor, designed for use in a variety of substrates such as concrete, stone, solid brick, solid block, hollow brick, hollow block and hollow slab.

✓ Features & Benefits

- The innovative design of the EasyDrive™ ensures that it can be hammered all the way into the hole without pre-expansion.
- The drive screw's saw tooth thread makes it easy to drive and unscrew.
- A wide, flat collar with collapsible sleeve design, ensures tight fixing.
- Nylon body provides insulation between drive screw and work surface.



✓ Trades & Applications

Applications	Electrical Contractor	Bricklayer	Plumbing Contractor
Electrical fitting installation	✓		
Brick Tie installation		✓	
Pipe/Conduit Saddle installation	✓		✓

Product Codes & Specifications

Material	Item Code	Anchor Size (mm)	Anchor Length (mm)	Pack Qty
●	ED05033	5	33	100
◆	ED05033SS	5	33	100
●	ED06042	6	42	100
◆	ED06042SS	6	42	100
●	ED06055	6	55	100
◆	ED06055SS	6	55	100
●	ED06075	6	75	100
◆	ED06075SS	6	75	100

● Carbon Steel Zinc Plated

◆ Stainless Steel 316

◆ Galvanised

LIGHT DUTY ANCHORS

Light Load Applications

Concrete Nails

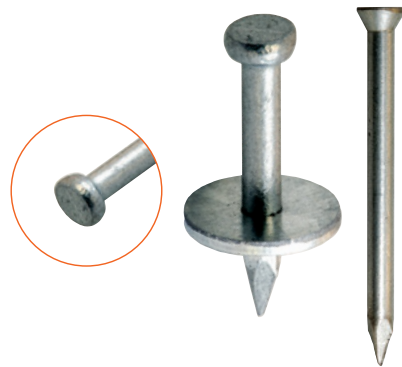
Description

Ramset™ Concrete Nails are manufactured from ductile, high strength carbon steel and are available in a number of different styles to suit a range of applications. They are designed for hand hammer driving into medium strength concrete and solid block.

Caution: Wear eye protection when setting concrete nails. Always strike the nail head squarely with the hammer face.

✓ Features & Benefits

- Manufactured from ductile, high strength material to avoid breakage.
- Available with pre-assembled washers to improve pullover strength.
- Available with either a plain or striated shank and in a range of different sizes and head styles.
- Ideal for use in surveying as a survey marker or locator.



✓ Trades & Applications

Applications	Carpenter	Signwriter	Plumbing Contractor	Electrical Contractor	Formworker
Timber batten installation	✓				
Sign installation		✓			
Pipe/Conduit Saddle installation			✓	✓	
Formwork support					✓

Product Codes & Specifications

Item Code	Description	Shank Ø (mm)	Overall Length (mm)	Order Qty
CW415Q500	Washed	2.4	15	500
CW425Q500	Washed	2.4	25	500

LIGHT DUTY ANCHORS

Light Load Applications

Hollow Wall Anchors

Description

The Ramset™ Hollow Wall Anchor is an all metal, light duty, cavity fixing for plasterboard and other hollow wall materials up to 38mm.

✓ Features & Benefits

- The Hollow Wall Anchor's low profile head allows for flush finishing.
- The anchor's large flange prevents the head from pulling into the substrate.
- Anti-rotation barbs, prevent the anchor from spinning in the hole.
- Collapsing legs with an integral nut provide high strength and allow the screw to be removed without losing the anchor inside the cavity.



✓ Trades & Applications

Applications	Electrical Contractor	Signwriter	Plumbing Contractor
Electrical fitting installation	✓		
Sign installation		✓	
Pipe/Conduit Saddle installation	✓		✓

Product Codes & Specifications

Item Code	Thread Size	Wall Thickness (mm)	Pack Qty	Order Qty
HW13M4	M4	8 - 13	100	500
HW24M4	M4	16 - 24	100	500
HW14M5	M5	7 - 14	100	100
HW16M6	M6	6 - 16	100	100

Hollow Wall Anchor Setting Tool

Item Code	Description	Pack Qty
SETHWG	Hand Setting Tool - Gun	1



● Carbon Steel Zinc Plated

◆ Stainless Steel 316

◆ Galvanised

Chemical Anchoring

Ramset™ Chemical Anchors are approved for installation in challenging site conditions such as water immersion, providing long term reliable service.

The Ramset™ Chemical Anchoring range consists of:

- Epcon™ C8 XTREM™ Seismic Performance Epoxy Anchor
- ChemSet™ 801 XTREM™ XC²
- ChemSet™ EPCON™ C6 PLUS Epoxy Chemical Anchor
- ChemSet™ 101 PLUS Polyester Chemical Anchor
- ChemSet™ Anchor Studs
- Internal Threaded Anchor Inserts
- ChemSet™ Installation Accessories





ANCHORING ADHESIVES

Heavy Duty Anchoring

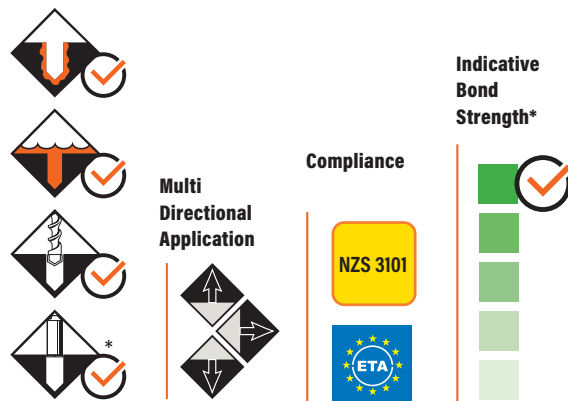
Performance Icons



EPCON™ C8 XTREM™

EXTREME Epoxy Anchoring

- Seismic C1 & C2, cracked and uncracked concrete.
- Fire rated.
- Long working times.
- Dustless drilling.
- 100 Year Working Life for post-installed re-bar applications.



*Performance of cored & oversized holes was not included in the ETAG test program and therefore is based on testing conducted at Ramset™ Concrete Structures Laboratory.

Indicative
Bond
Strength*

Description

Independently tested and assessed for 100 Year Working Life under sustained loading means peace of mind for design engineers and building contractors alike. The versatile Ramset™ EPCON™ C8 XTREM™ is suitable for extreme anchoring environments including seismic, cracked concrete, core drilled holes, oversized diameters, flooded conditions and underwater.

EPCON™ C8 XTREM™ is ideal for applications requiring the highest bond strength and security. EPCON™ C8 XTREM™ accommodates a wide range of climate conditions. It is easy to dispense in cold weather and its long working time is ideal for deep embedment or hot climates.

Item Code	Description	Pack Qty
C8-450	EPCON™ C8 XTREM™	12

ANCHORING ADHESIVES

Heavy Duty Anchoring

Performance Icons



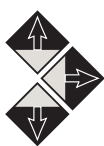
EPCON™ C6 PLUS

Heavy Duty Epoxy Anchoring

- Fast, low fatigue dispensing.
- High performance pure epoxy.
- Versatile epoxy for dry, damp, wet and underwater applications.
- Dustless drilling.
- 100 Year Working Life.



Multi
Directional
Application



Compliance

NZS 3101

Indicative
Bond Strength*

*Performance of cored & oversized holes was not included in the ETAG test program and therefore is based on testing conducted at Ramset™ Concrete Structures Laboratory.

Description

The Ramset™ EPCON™ C6 PLUS is a heavy-duty pure epoxy for anchoring threaded studs and reinforcing bar into cracked & uncracked concrete.

Complying to EN1992-4 (formerly known as ETAG 001 Annex E); for use in cracked concrete, fire and C1 & C2 seismic applications as ref NZS 3101:2006. Epcon™ C6 PLUS is designed for fast all weather dispensing, user friendly working times to maximise productivity. Epcon™ C6 PLUS is for structural reinforcing bar connections in slabs, columns, beams and walls, structural anchoring applications.

Item Code	Description	Pack Qty
ECP600	EPCON™ C6 PLUS 600ml	9

ANCHORING ADHESIVES

Heavy Duty Anchoring

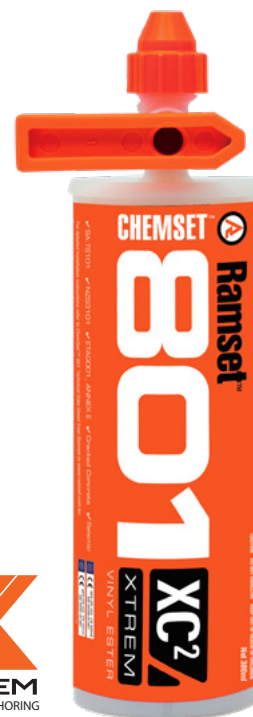
Performance Icons



ChemSet™ 801 Xtrem™ XC²

Heavy Duty Vinyl Ester Adhesive

- Highest standard of anchoring certification.
- Complies with cracked concrete and seismic design.
- 33% higher bond strength, peace of mind for extreme applications.
- Fast cure.
- ChemSet™ 801 Xtrem™ XC² formula performs in extreme conditions, fire, flood and earthquake.
- 100 Year Working Life for post-installed re-bar applications.



Fire Rated



Seismic



Dustless Drilling

Indicative
Bond
Strength*Multi
Directional
Application

Compliance



Description

The Ramset™ ChemSet™ 801 Xtrem™ XC² formulation is 33% stronger and is certified for seismic, flooded conditions and fire. ChemSet™ 801 Xtrem™ XC² meets the highest seismic standard (Category 2), when used to install the unique ChemSet™ Multicone Threaded Studs that compensate for cracks that open in the concrete under seismic action fast setting ChemSet™ 801 Xtrem™ XC² is ideal for applications requiring fast assembly times such as structural steel, hand rails, balustrades, services etc.

Item Code	Description	Pack Qty
C801X750	ChemSet™ 801 Xtrem™ XC ² (750ml)	9

ANCHORING ADHESIVES

Polyester Adhesive

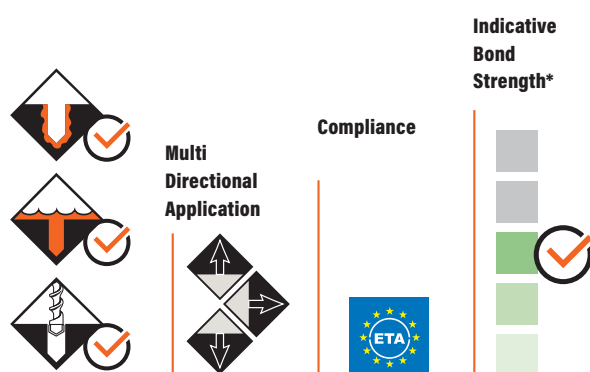
Performance Icons



CHEMSET™ 101 PLUS

Multi-Purpose Polyester Adhesive

Formulated using high performance, marine grade resin, which allows full load capacity in flooded holes to be attained as assessed to ETAG 001-5 Option 7.



Description

Not just any polyester; The Ramset™ ChemSet™ 101 PLUS is formulated using high performance, marine grade polyester resin. The European Technical Approval certification provides peace of mind that ChemSet™ 101 PLUS will deliver what it promises: high quality, consistent load capacity, even in flooded holes.

Item Code	Description	Pack Qty
C101C	ChemSet™ 101 PLUS Cartridge (380ml)	20
C101J	ChemSet™ 101 PLUS Jumbo (750ml)	9
ISKP	ChemSet™ 101 PLUS Cartridge (380ml x 2)	2

ANCHORING ADHESIVES

Polyester Adhesive

Performance Icons



UltraFix™ PLUS

Multi-Purpose Polyester Adhesive

Fits standard silicone caulking gun. Great for small jobs or around the home.

- Steel fencing, gates, brackets, hinges, guard rails, hand rails and more.



Multi Directional Application

Compliance

Indicative Bond Strength*

Description

The Ramset™ UltraFix™ Plus is a general purpose, fast setting marine grade polyester in a convenient caulking cartridge suitable for standard caulking guns. UltraFix™ Plus is certified for anchoring threaded rod and bar into solid concrete and hollow masonry. Ideal for general anchoring of steel and timber fixtures to concrete and hollow masonry.

Item Code	Description	Pack Qty
UFP300P	UltraFix™ PLUS (300ml)	12

ANCHORING ADHESIVES

ChemSet™ CAPSULES

Performance Icons



ChemSet™ Maxima™ Anchoring Capsules

The Ramset™ ChemSet™ Maxima™ Spin Capsule is a heavy duty, acrylic capsule anchor of a measured dose to suit the Ramset™ ChemSet™ Anchor Studs. ETA Certified for fast loading time in dry, wet and flooded holes.

Item Code	Anchor Size (mm)	Pack Qty
CHEM12	M12	10
CHEM16	M16	10
CHEM2024	M20 & M24	6



ChemSet™ Metal Mesh Sleeves for Hollow Masonry Anchoring with ChemSet™ 101 PLUS

ChemSet™ Nylon and Metal Mesh sleeves form a solid plug of adhesive in the brick or block cavity to provide secure anchoring point. Fine Metal Mesh Sleeves ideal for 10 hole brick.

Item Code	Sleeve Length (mm) x Drill Size (mm)	To Suit Stud	Pack Qty
ISM12	1000 x 16	M10/M12	1
ISM16	1000 x 22	M16	1



ANCHORING ADHESIVES

Accessories

Chemical Anchoring

Accessories

ChemSet™ MIXER NOZZLES

Item Code	Description	Pack Qty
ISNE	Mixer Nozzle for ChemSet™ Injection Range	1

ChemSet™ SYSTEMS APPLICATORS

Item Code	Description	Pack Qty
CUAP	ChemSet™ Universal Applicator	1
CUAR18	ChemSet™ Cordless Applicator	1
E108	ChemSet™ Applicator	1

ChemSet™ HOLE CLEANING ACCESSORIES

Item Code	Anchor Size (mm)	Description	Pack Qty
HCBT13	8 - 12	Brush	1
HCBT20	16 - 20	Brush	1
HCBT26	20 - 24	Brush	1
HCPHV	-	High Volume Dust Blower	1



ANCHORING ADHESIVES

ChemSet™ Studs

Performance Icons



Anchor Studs



Reliable external hex
drive for installing capsules



Depth set mark to ensure
correct embedment.



Multi
Directional
Application



- High Performance Grade 5.8 Carbon Steel.
- Hot dip galvanised to AS 1650 and AS 1214.
- AISI316 stainless steel for coastal applications.
- Pre-cut to standard chemical anchoring lengths.

A4
316

Stainless Steel 316 - ANCHOR STUDS

Item Code	Anchor Size ^(mm)	Anchor Length ^(mm) x Thread Size	Pack Qty
CS10130SS	10	130 x M10	10
CS12160SS	12	160 x M12	10
CS16190SS	16	190 x M16	10
CS20260SS	20	260 x M20	6
CS24300SS	24	300 x M24	6

HDG

Hot Dipped Galvanised - ANCHOR STUDS

Item Code	Anchor Size ^(mm)	Anchor Length ^(mm) x Thread Size	Pack Qty
CS10130GH	10	130 x M10	10
CS12160GH	12	160 x M12	10
CS16190GH	16	190 x M16	10
CS20260GH	20	260 x M20	6
CS24300GH	24	300 x M24	6

Trades & Applications

Applications	Steel Fabricator	Maintenance Fitter	Carpenter	Seating Contractor	Plumbing Contractor	Fencing Contractor	Electrical Contractor
Anchoring structural steel column/beams	✓						
Machinery hold down		✓					
Installing handrails, balustrades & safety barriers	✓					✓	
Public seating				✓			
Timber frame hold down			✓				
Pipe & cable tray installation					✓		✓

ANCHORING ADHESIVES

Threaded Inserts

Performance Icons



Threaded Inserts - Internally Threaded Anchors

Description

Ramset™ Threaded Inserts are steel threaded sockets that sit flush with the concrete surface and allow use of various head style bolts. Available in zinc plated carbon steel or high corrosion resistant ASIS 316 (A4). Bolts can be removed and reinstalled later - ideal for event seating, hand rails and safety barriers.

✓ Key Features

- Internal thread.
- Flush fitting.
- Temporary and permanent fixings.

✓ Advantages

- Flush with concrete surface.
- Variable bolt head finish options.
- Bolt is removable.
- No trip hazard.
- Shallow embedment.
- Available in high corrosion resistant ASIS 316 (A4)



Typical Properties

Steel Grades 500 MPa Carbon Steel, AISI 316 (A4) Stainless Steel

Product Codes & Specifications

Item Code	Anchor Size (mm)	Anchor Length (mm) x Thread Size	Pack Qty
◆ 062860	8	60 x M8	10
◆ 062960	10	65 x M10	10
◆ 063100	12	75 x M12	10
◆ 051175	16	125 x M16	10

● Carbon Steel Zinc Plated

◆ Stainless Steel 316

◆ Galvanised

Construction Chemicals

Ramset™ Construction Chemicals covers all the essential onsite products to finish off your project.

The construction chemical range includes:

- Acrylic and polyurethane sealants.
- Construction adhesives.
- Expanding polyurethane foams.
- Fire rated foam and sealant.
- Epoxy repair mortar and grout.
- Concrete additives.

SEALANTS

Acrylic and Polyurethane

Roof Seal

Description

Ramset™ Roof Seal silicone sealant is UV and weather resistant for exterior plumbing and roofing applications. Its neutral cure formula is non-corrosive so it is safe to use with all metals including galvanised steel and anodised aluminium. Also suitable for cement, brick and concrete.

✓ Features & Benefits

- UV and weather resistant.
- Excellent resistance to accelerated aging and weathering to ASTM C792.
- Excellent flexibility – joint movement $\pm 25\%$.
- Thixotropic - no sagging or running.
- Suitable for contact with drinking water – AS 4020:1994.



✓ Trades & Applications

Applications	Maintenance Fitter	Plumbing Contractor	Mechanical Services	Formworker	Electrician	Brick Layer
Joints in brick & blockwork	✓					✓
Rain water plumbing	✓	✓				
Concrete penetrations	✓	✓	✓		✓	
Gaps in formwork				✓		
Brick & blockwork penetrations	✓	✓	✓		✓	

Product Codes & Specifications

Item Code	Pack Size	Colour	Chemical Type	UV Resistant	Neutral Cure	VOC Compliant	Box Quantity
RFSLTRG300	300 ml	Translucent	Silicone	Yes	Yes	Yes	20

SEALANTS

Acrylic and Polyurethane

BlazeBrake™ Sealant

Description

Ramset™ BlazeBrake™ is a flexible fire and acoustic rated acrylic sealant, suitable for sealing gaps, joints and penetrations in dry wall partitions, concrete wall and block walls. Prevents the spread of flames, smoke and gases through walls and floors or between building compartments. BlazeBrake™ is approved for use with cable, metal pipe and service penetrations (see fire test reports for specific dimensions and configurations BlazeBrake™ is approved for).

✓ Features & Benefits

- Fire rated to AS 1530.4:2014 for wall & floor penetrations and as a control joint. (FC11946-001).
- Acoustic rated.
- Flexible and crack resistant.
- Joint movement $\pm 15\%$.
- Easy to dispense in cold weather.
- Non toxic. Low odour. Easy tooling.



✓ Trades & Applications

Applications	Plumbing Contractor	Electrical Contractor	Ceiling & Partitioners	Brick Layer
Joints in brick & blockwork				✓
Concrete penetrations	✓	✓		
Brick & blockwork penetrations	✓	✓		
Fire rated penetrations	✓	✓		
Fire rated dry wall gaps	✓	✓	✓	
Dry wall gaps			✓	

Product Codes & Specifications

Item Code	Pack Size	Colour	Box Quantity
BLBRGYC	300 ml	Grey	20
BLBRGYS	600 ml	Grey	15

SEALANTS

Silyl Modified Polymer

Hi-Seal DuraMax™

Description

Ramset™ Hi-Seal DuraMax™ is a solvent free versatile 1-part low modulus silyl modified polymer (SMP) sealant for multipurpose applications in the construction and general building industry. DuraMax™ is free of solvents, PVC, PCB and isocyanates and is fully paintable according to DIN 52452, PT4. DuraMax™ passes ISO 11600-F-25LM and is New Zealand E2/AS1 compliant. This also confirms a $\pm 25\%$ joint movement capability.

✓ Features & Benefits

BRANZ Appraised

- Compliant - ISO 11600-F-25LM.
- Compliant NZ E2/AS1.
- Low VOC 10gm/L.
- UV resistant - No discolouration.
- $\pm 25\%$ Movement - Low modulus elastomeric sealant.
- Zero solvents and isocyanates.
- Paintable to DIN 52452, PT4.
- Adheres to a wide range of substrates.



✓ Trades & Applications

Applications	Sealing / Waterproofing	Window Installer	Brick Layer
Aluminium cladding systems	✓		
Composite cladding systems	✓		
GRC cladding systems	✓		
Joints in brick & blockwork	✓		✓
Window frames		✓	

Product Codes & Specifications

Item Code	Pack Size	Colour	Box Quantity
HSDMG600	600ml	Grey	20
HSDBM600	600ml	Black	20

SEALANTS

Silicone Sealant

Form Seal

Description

Ramset™ Form is a silicone sealant and is UV resistant, neutral cure quick curing sealant for form work in Pre-Cast and Tilt Up panel fabrication. Form Seal adheres to glass, aluminium, masonry, concrete, stone as well as most metals and plastics.

✓ Features & Benefits

- UV and weather resistant.
- Excellent resistance to accelerated aging and weathering to ASTM C792.
- Excellent flexibility – joint movement $\pm 25\%$.
- Thixotropic - No sagging or running.
- Suitable for contact with drinking water – AS 4020:1994.
- Non-corrosive neutral cure silicone.
- Low VOC.



✓ Trades & Applications

Applications

Formworker

Timber to concrete



Product Codes & Specifications

Part No.	Pack Size	Colour	Chemical Type	UV Resistant	Neutral Cure	VOC Compliant	Box Quantity
FMSLG300	300ml	Translucent	Silicone	Yes	Yes	Yes	20

ADHESIVES

Construction Adhesive

Gyp-Fast Wallboard Adhesive

Description

A special purpose, easy gunning, non-slump, synthetic rubber based mastic adhesive.

✓ Features & Benefits

- Gyp-Fast Wallboard Adhesive is designed for bonding most common building panels directly to timber & metal frames and can be used on any type of timber treatment currently available in New Zealand. It exhibits excellent gunability even at low temperatures combined with no run-on problems. Unlike other similar products, it is easy to apply in all seasons. Gyp-Fast Wallboard Adhesive is also useful as a general purpose adhesive for most common construction materials.
- Suitable for most common types of timber and metal framing.
- Will adhere to most types of timber treatment currently used in New Zealand.
- Easy gunning.
- No run-on.
- Non-slumping.



✓ Trades & Applications

Applications	Builder	Carpenter	Ceiling & Partitioners	Ceiling & Partitioning Contractor
Wall panels to studs	✓	✓	✓	✓
Wall lining installation	✓	✓	✓	✓

Product Codes & Specifications

Part No.	Pack Size	Colour	Chemical Type	Box Quantity
GFSAU600	600ml sausage	Orange	Synthetic Rubber	20

SELF-EXPANDING FOAM

Expanding Polyurethane Foam

FomoFill™

Description

The Ramset™ FomoFill™ is a versatile polyurethane polymer that reacts with moisture in the air causing it to expand to fill any shaped hole or cavity. The cured foam can then be cut or shaped and painted as desired. FomoFill™ is great for thermal insulation, to block out drafts or to fill or repair big holes prior to painting.

✓ Features & Benefits

- Expands to fill BIG holes.
- Once cured, can be cut and shaped as required.
- Non-shrink.
- Can be sanded, filled and painted to produce a neat finish.
- Excellent insulator.
- Predominantly closed cell structure.
- Ozone friendly – CFC, FC and HFC free.



✓ Trades & Applications

Applications	Plumbing Contractor	Electrical Contractor	Mechanical Services	Window Installer	Formworker
Window frames				✓	
Dry wall penetrations	✓	✓	✓		
Gaps in formwork					✓
Brick & blockwork penetrations	✓	✓	✓		
Concrete penetrations	✓	✓	✓		

Product Codes & Specifications

Part No.	Pack Size	Chemical Type	Box Quantity
FMFLG750	750 ml	Polyurethane	12

SELF-EXPANDING FOAM

Expanding Polyurethane Foam

FomoPlus™

Description

Ramset™ FomoPlus™ is a versatile polyurethane polymer that reacts with moisture in the air causing it to expand to fill any shaped hole or cavity. The cured foam can then be cut or shaped and painted as desired. The FomoPlus™ applicator ensures foam is dispensed accurately to provide a neat finish and reduce waste. FomoPlus™ is ideal for thermal insulation, to block out drafts or to fill or repair big holes prior to painting.

✓ Features & Benefits

- Expands to completely fill voids.
- Predominantly closed cell foam structure - efficient temperature insulation.
- Applicator provides neat, accurate dispensing.
- Reusable.
- Ozone friendly - CFC, FC and HFC free.
- Resistant to blockages - ideal for stop / start work.



✓ Trades & Applications

Applications	Plumbing Contractor	Electrical Contractor	Formworker	Window & Facade	Mechanical Services
Dry wall penetrations	✓	✓			
Gaps in formwork			✓		
Brick & blockwork penetrations	✓	✓			
Concrete penetrations	✓	✓			✓
Window frames				✓	
Window frames				✓	

Product Codes & Specifications

Part No.	Pack Size	Chemical Type	Type	Box Quantity
MPLG750	750 ml	Polyurethane	Gap Filling Foam	12
FMSVM500	500 ml	Acetone	Fomo Solvent	1
F61030			Steel Applicator Gun	1
F61050			Plastic Applicator Gun	1

SELF-EXPANDING FOAM

Polyurethane Sealant

Handi-Seal

Description

Ramset™ Handi-Seal Door and Window Seal is specially formulated for window and door applications by providing superior thermal insulation properties when compared to traditional materials. Handi-Seal is a closed cell, low pressure, fast cure polyurethane foam.

✓ Features & Benefits

- Thermal insulation - closed cell.
- Low pressure - will not bow frames.
- Easy to apply - reduced time and labour.
- Dimension stability - will not shrink/expand once cured.
- Fast cure - Tack free in 5 minutes.
- Sound dampening.
- Unique colour - easily distinguishable grey colour.



✓ Trades & Applications

Applications	Builder	Window Installer
Window frames	✓	✓
Timber batten/Window frame installation	✓	✓

Product Codes & Specifications

Part No.	Pack Size	Chemical Type	Type	Box Quantity
P10176	600ml	Polyurethane	Door & Window	

SELF-EXPANDING FOAM

Expanding Polyurethane Foam

BlazeBrake™ Foam

Description

Ramset™ BlazeBrake™ Fire Rated Foam is a one component expanding PU foam suitable for sealing construction joints and service penetrations. It prevents the penetration and transfer of flames, smoke and gases between building compartments. BlazeBrake™ FR Foam reacts with moisture in the air causing it to expand to fill any shaped hole or cavity. The cured foam can then be cut or shaped and painted as desired.



✓ Features & Benefits

- Fire rated to AS 1530.4:2014 for control joint systems (FCO-2662 Rev.A).
- 50% post expansion rate.
- Suitable for sealing gaps around window and door frames.
- Sound dampening and sealing against draughts and moisture.
- High bond strength.
- Excellent dimensional stability.
- Can be painted and covered with plaster.

✓ Trades & Applications

Applications	Plumbing Contractor	Electrical Contractor	Mechanical Services	Window & Facade	Ceiling & Partitioners	Sealing / Waterproofing
Fire rated penetrations	✓	✓	✓		✓	
Fire rated dry wall gaps					✓	
Dry wall gaps					✓	
Concrete penetrations	✓	✓	✓			
Brick & blockwork penetrations	✓	✓	✓			
Window frames				✓		
Joints in In-situ concrete						✓
Dry wall penetrations	✓	✓	✓			

Product Codes & Specifications

Part No.	Pack Size	Colour	Chemical Type	Box Quantity
FRF700	750 ml	Pale Yellow	Polyurethane	12

CONCRETE PATCH & REPAIR

Engineered Epoxy Solutions

ChemMortar eA

Description

Ramset™ ChemMortar eA is a convenient to use two part epoxy resin and silica sand filled repair mortar that is high strength and solvent free. It is a non slump, pliable putty that is ideally suited for construction and concrete repair work.

✓ Features & Benefits

- Easy to use 1:1 ratio by weight.
- Excellent adhesion to concrete, metal and most porous surfaces.
- 100% solids epoxy – solvent free, no VOC.
- No shrinkage once cured.
- Sag resistant – high build consistency, vertical and overhead work.
- Tolerant to moisture before, during, and after cure.
- Good chemical resistance for long-term protection.
- High abrasion and vibration resistance.
- Patching and forming damaged precast and insitu concrete.
- Patching damaged concrete floors, tanks and pipes.
- Patching of concrete floors under heavy load or impact.
- Bonding concrete blocks, bricks, paving.
- Fabrication of concrete pipe intersections, risers etc.
- Underwater repair applications.



✓ Trades & Applications

Applications	Concreter	Concrete Remediation	Maintenance Services	Civil Contractor	Construction Contractor
Underwater repairs	✓	✓		✓	✓
Patching concrete tanks and pipes	✓	✓	✓		
Repair broken and spalled concrete	✓	✓	✓	✓	✓

Product Codes & Specifications

Part No.	Chemical Type	Colour	Pack Size	Type	VOC Compliant
EPCMEA-20L	Epoxy	Grey	20L	Putty	Yes
EPCMEA-8L	Epoxy	Grey	8L	Putty	Yes

CONCRETE PATCH & REPAIR

Engineered Epoxy Solutions

Epoxy Liquid eS

Description

Ramset™ Liquid eS is a two part pourable epoxy resin based grout formulated for grouting & levelling applications. It offers high strength adhesion to concrete and most other building materials with strong resistance to physical wear and chemical attack.

✓ Features & Benefits

- Superb adhesive & cohesive strength.
- High early strength.
- Non shrink.
- Vibration resistant.
- Moisture tolerant - will work on damp substrates.
- Good chemical resistance for long-term protection.
- Excellent adhesion to concrete, metal and most porous surfaces.
- Base plate grouting & machine grouting.
- Crane rail grouting.
- Vertical starter bars.
- Repairing concrete floor control joints.
- Repairing chipped & spalled concrete floors.
- General purpose high performance pourable grout.



✓ Trades & Applications

Applications	Concrete Remediation	Concreter	Construction Contractor	Civil Contractor
Installing handrails, balustrades & safety barriers			✓	✓
Anchoring crane rails				✓
Grouting bridge beam supports			✓	✓
Applications subject to vibration and dynamic loads	✓	✓	✓	✓
Post-Installed reinforcing bar	✓	✓	✓	✓

Product Codes & Specifications

Part No.	Chemical Type	Colour	Pack Size	Type	VOC Compliant
EPLES-30KG	Epoxy	Grey	30Kg/18L	Pourable	Yes

CONCRETE PATCH & REPAIR

Engineered Epoxy Solutions

Epoxy Trowel Grade e131

Description

Ramset™ Trowel Grade e131 is a two part structural repair mortar and adhesive based on a blend of epoxy resins and high quality fillers, it is moisture tolerant and offers excellent adhesion to concrete, metal and a wide range of substrates.

✓ Features & Benefits

- 100% solids epoxy – solvent free, No VOC.
- High compressive strength.
- Low viscosity – easy application.
- Moisture tolerant.
- Good chemical resistance – long term protection.
- Non shrink.
- High strength adhesive - excellent adhesion to most construction materials.
- Non sag in vertical applications.
- Concrete components - repairs and bonding.
- Steel, iron, marble, granite, ceramic.
- Paving slabs, cobblestones.
- Masonry, bricks and mortar.



✓ Trades & Applications

Applications	Construction Contractor	Concreter	Concrete Remediation	Maintenance Services	Tilers
Repairing stairs, panels and columns	✓	✓	✓	✓	
Bonding paving and tiles				✓	✓
Bonding vertical tiling					✓
Repair broken and spalled concrete	✓	✓	✓	✓	

Product Codes & Specifications

Part No.	Chemical Type	Colour	Pack Size	Type	VOC Compliant
PTGE131-30KG	Epoxy	Grey	30Kg/18L	Paste	Yes

CONCRETE PATCH & REPAIR

Engineered Epoxy Solutions

PoziCote™ FR

Description

Ramset™ PoziCote™ FR Fine Render is a polymer modified fairing mortar for applications in thin layers. It produces a natural concrete Grey appearance to concrete or masonry surfaces. It can be applied from feather edge up to a maximum thickness of 5mm. PoziCote™ FR Fine Render is shrinkage compensated and based on hydraulic binders, high-grade fillers and synthetic polymers.

✓ Features & Benefits

- Shrinkage compensated allows for long term dimensional stability.
- Single component system of pre blended powder.
- Excellent bond strength and adhesion to concrete or masonry surface.
- Feather edging capability.
- Easy to use and apply.
- For internal or external use.
- Durable, low water permeation.
- Can be used in vertical, horizontal and overhead application.
- One component, simply add to water and mix.



✓ Trades & Applications

Applications	Concreter	Concrete Remediation
Concrete finishing / polishing	✓	✓

Product Codes & Specifications

Part No.	Chemical Type	Bag Qty	Colour
RPCFR	Cement	20Kg	Grey

CONCRETE PATCH & REPAIR

Engineered Epoxy Solutions

Poziflo™ Grout HS

Description

Ramset™ POZIFLO™ Grout HS is a Dual Expansion, High Strength, Precision (Type C) cementitious grout which complies with ASTM C1107 M-11. POZIFLO™ Grout HS also offers the added features of High Early Strength and High Flow properties.

✓ Features & Benefits

- Dual expansion system compensates for shrinkage in both the plastic and hardened states.
- Very high final strength, 83 MPa flowable consistency.
- High early strength, 40 MPa @ 24 hours flowable consistency.
- High flow properties, fine grade aggregate.
- Excellent flow retention - 35-45 seconds at 25 minutes (ASTM C 939 10).
- Pour depths 10mm - 140mm.
- High yield, approx 10.7L/20kg flowable consistency.
- Non metallic iron content eliminates staining.



✓ Trades & Applications

Applications	Concreter	Construction Contractor	Civil Contractor	Concrete Remediation	Maintenance Fitter
Grouting bridge beam supports	✓		✓		
Installing handrails, balustrades & safety barriers	✓		✓	✓	
Filling voids under concrete panels	✓	✓	✓		
Baseplate underpinning	✓			✓	✓
Applications subject to vibration and dynamic loads	✓			✓	
Precision grouting	✓			✓	

Product Codes & Specifications

Part No.	Chemical Type	Bag Qty
RPGHS	Cement	20Kg

CONCRETE PATCH & REPAIR

Engineered Epoxy Solutions

PoziLite™ HB

Description

Ramset™ PoziLite™ HB is a heavy-duty polymer modified, high build structural repair reinstatement mortar with high ultimate compressive strength and abrasion resistance.

✓ Features & Benefits

- High build repairs with exceptional performance characteristics.
- Shrinkage compensated allows for long term dimensional stability.
- Low permeability provides protection from chloride attack and carbonation.
- High build repairs can be completed in single application.
- High ultimate strength.
- High abrasion and impact resistance.
- One component just add to water and mix.
- Excellent workability.
- Extremely durable.



✓ Trades & Applications

Applications	Concreter	Concrete Remediation	Civil Contractor	Construction Contractor
Repairs to structural concrete beams	✓	✓	✓	✓
Repairs to structural concrete columns	✓	✓	✓	✓
Repairs to structural concrete elements	✓	✓	✓	✓
Patching concrete tanks and pipes	✓	✓	✓	✓
Repairing stairs, panels and columns	✓	✓	✓	✓

Product Codes & Specifications

Part No.	Chemical Type	Pack Size	Colour
RPLHB	Cement	20Kg	Grey

GROUTS

Engineered Epoxy Solutions

Premier Grout MP™

Description

Ramset™ Premier Grout MP™ is a Class A, non shrink cement grout that complies with AS MP20, Part 3 (1977). The product consists of a speciality blend of cement, graded aggregate and other chemically reactive agents that compensate for drying shrinkage commonly found in cement products.

✓ Features & Benefits

- High strength.
- Non-shrink - Good dimensional stability - Complete void filling.
- Versatile - Can be dry packed, rammed, trowelled, poured and pumped over short distances.
- Economical, low in-place cost.
- Ready to use, pre mixed, requires only the addition of water.
- Non-staining – chloride and iron free.
- Lower water/cement ratio - Reduced drying shrinkage.



✓ Trades & Applications

Applications	Construction Contractor	Concreter	Civil Contractor	Building Contractor	Steel Fabricator	Maintenance Fitter
Baseplate underpinning			✓		✓	✓
Filling voids under concrete panels	✓	✓	✓			
Filling grout tubes	✓	✓	✓			
Grouting bridge beam supports	✓		✓			
Installing handrails, balustrades & safety barriers	✓		✓	✓	✓	

Product Codes & Specifications

Part No.	Chemical Type	Pack Size
RPGMP20	Cement	20 Kg

ADDITIVES

Bonding Agent

CemCrete™

Description

Ramset™ CemCrete™ is a high molecular weight polymer concentrate, which when diluted and added to cement mixtures reduces cracking and improves adhesion. CemCrete™ also aids bonding of concrete, renders, mortars and toppings to existing concrete, block and brick. CemCrete™ is ideal for priming porous surfaces for ceramic tiling and to add flexibility to cement tile grouts and adhesives.

✓ Features & Benefits

- Improves strength and toughness of cement mixtures.
- Improves adhesion of cement mixtures to existing concrete, brick and block.
- Strong bond.
- User friendly – clean up with water.
- Low odour.
- High mechanical strength.



✓ Trades & Applications

Applications	Concreter	Concrete Remediation	Brick Layer	Formworker
Improve adhesion of cement to concrete	✓	✓	✓	✓
Bonding cement render to brick, block & concrete		✓		
Bonding new concrete to old	✓	✓		✓

Product Codes & Specifications

Part No.	Pack Size	Chemical Type	Box Quantity
CMCRL5	5 Litre	Resin	1
CMCRL20	20 Litre	Resin	1

ACCESSORIES

Mixing Paddles

Description

Ramset™ Paddles for use with powered mixers to mix mortars, renders, concrete mixes, epoxies, tile adhesives, grouts etc. For mixtures greater than 4 litres.



Product Codes & Specifications

Part No.	Description	Mixing Volume	Box Quantity
LSMP	Large Spiral	Greater than 4 Litres	1

Water Seal

Product Codes & Specifications

Item Code	Pack Size	Colour	Chemical Type	UV Resistant	Neutral Cure	VOC Compliant	Box Quantity
WRSLWHG300	300 ml	White	Silicone	Yes	Yes	Yes	20

Backing Rod

Description

Ramset™ Closed Cell Polyethylene Foam Backing Rod to control depth of sealants. Non-adherent to prevent three sided adhesion.

✓ Features & Benefits

- Non-adherent polyethylene to prevent 3-sided adhesion.
- Closed cell to prevent water absorption.
- Closed cell to prevent sealant blistering.



Product Codes & Specifications

Part No.	Description	Diameter	Length	Box Quantity
PFR0D06	Polyethylene Foam	6mm	50m Roll	1
PFR0D08	Polyethylene Foam	8mm	50m Roll	1
PFR0D08B	Polyethylene Foam	8mm	250m Roll	1
PFR0D10	Polyethylene Foam	10mm	50m Roll	1
PFR0D10B	Polyethylene Foam	10mm	250m Roll	1
PFR0D13	Polyethylene Foam	13mm	50m Roll	1
PFR0D15	Polyethylene Foam	15mm	50m Roll	1
PFR0D20	Polyethylene Foam	20mm	50m Roll	1
PFR0D25	Polyethylene Foam	25mm	2m Length	1
PFR0D30	Polyethylene Foam	30mm	2m Length	1
PFR0D40	Polyethylene Foam	40mm	2m Length	1
PFR0D50	Polyethylene Foam	50mm	2m Length	1

ACCESSORIES

Applicator Guns

Description

A range of caulking guns to dispense sealant and adhesive sausages and cartridges.



Product Codes & Specifications

Part No.	Type	Pack Size	Box Quantity
CA1	Caulking gun standard	300ml Cartridge	1
SABGU37	Sausage barrel gun	600ml Sausage	1

Erection and Installation

Our unique engineered bracing and connection systems, provides simple solutions for structural concrete connection, reducing both labour and material costs.

Offers in this category include:

- OrbiPlate™
- ReidBrace™



Erection and Installation

Connection Systems

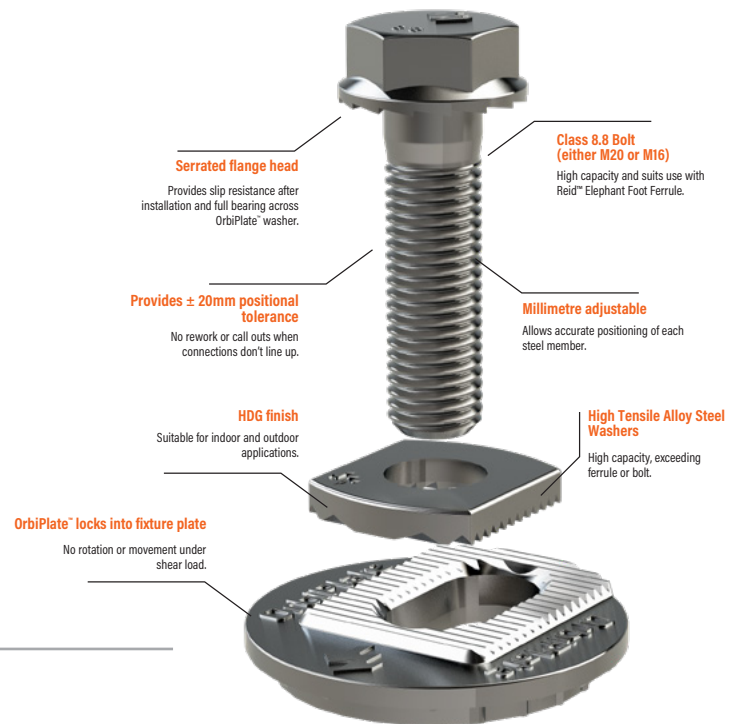
OrbiPlate™

Description

Ramset™ OrbiPlate™ overcomes the major headache that comes with bolted cast-in connections, getting the holes to line up! The methods traditionally used to overcome this were time consuming, costly and often structurally inadequate.

The patented OrbiPlate™ system is used when connecting steel to steel or steel to concrete elements and delivers connection tolerances of up to 20mm around the centre of the connection. It also provides the ability to achieve fine locational accuracy when positioning each steel member.

OrbiPlate™ is quick and easy to install. The steel member is supplied to site with a pre-formed hole (70mm), which can be punched or cut at the centre of the connection location. The main washer is then placed over the hole, rotated to locate the slot over the ferrule, then secured using the class 8.8 bolt through the small washer. The bolt can be positioned anywhere along the elongated slot, providing up to 20mm tolerance in all directions.



Features & Benefits

- Utilises readily available Reid™ Elephant Foot™ ferrules for steel to concrete connections.
- OrbiPlate™ is made from high tensile steel.
- Hot Dip galvanised finishes.
- Comprises of two washers (one large and one small) and is supplied with a M16 or M20 class 8.8 bolt.
- Capacity is limited to either the ferrule cast into the concrete or the class 8.8 bolt*.
- For use with a greater fixture thickness, please consult your local Project Engineer.

Advantages

- No lost time.
- No hot work, either blowing out holes or welding.
- No call outs when connections don't line up.
- OrbiPlate™ locks in place.
- Fine positional adjustment allows accurate positioning of each steel member.
- OrbiPlate™ provides a high capacity structural connection.



Product Codes & Specifications

OrbiPlate™ fits into a pre-formed hole in steel component (diameter 70mm ± 1mm)

Part Number	Description	Finish	Matching Ferrule	Fixture Thickness	Pack Quantity
ORB2016BGH	OrbiPlate™ M16	Hot Dip Gal	FE16095GH	6 – 12 mm	20
ORB2020BGH	OrbiPlate™ M20	Hot Dip Gal	TIM20x75G with Nailplate	6 – 16 mm	20



Erection and Installation

Engineered Brace System

ReidBrace™

Description

Ramset™ ReidBrace™ is an off-the-shelf system that provides design engineers and constructors with an economic solution for tension bracing of structures, tie-back applications and temporary works bracing.

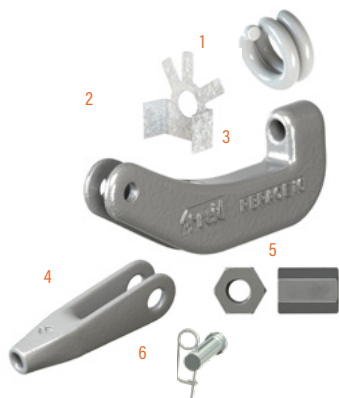
ReidBrace™ utilises ReidBar™, a user friendly continuously threaded reinforcing bar system, as tension members. This makes ReidBrace™ a unique system that is easy to install with minimum extra processes onsite.



ReidBrace™

Boxed Set contents:

1. Reid™ Tension Spring
2. Reid™ Tab Washer
3. RBRACE
4. BRACE-END
5. ReidBar™ Nut x 2
6. Pin and Clip



Application Example



ReidBrace™ Boxed Set kit Codes

Bar Size	Finish	Kit Code
12mm	Galvanised	RBRACE12-SET
16mm	Galvanised	RBRACE16-SET
25mm	Galvanised	RBRACE25-SET
32mm	Galvanised	RBRACE32-SET



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