



Delivering quality and excellence

**HARTLEPOOL TRADE COUNTER**

**01429 276804**

Email your enquiries for a competitive quote to  
[shop@fttgroup.co.uk](mailto:shop@fttgroup.co.uk)

 - EST 1975 -  
**FIXINGS**  
TYNE TEES  
FTT Group 



- EST 1975 -

# FIXINGS

TYNE TEES

FTT Group



## Who We Are

Fixings Tyne Tees is an established family business formed in 1975 and has built up a reputation of quality, stock availability, technical back-up and personal service.

## What We Do

- Woodscrews, nails, ironmongery
- Cavity & lightweight fixings
- Anchors and chemical fasteners
- Builders' metalwork
- Threaded fasteners
- Electrical & mechanical fixings
- Sheet metal & roofing fixings
- Power tools & accessories
- Drilling, cutting & driving tools
- Abrasive products
- Safety workwear & PPE
- Safety signs
- Hand tools
- Paint & decorating
- Plumbing supplies
- Janitorial equipment

## What You Can Expect

- Professional and friendly service
- Next day delivery nationwide
- Competitive trade prices
- Order with confidence from our extensive stocks
- Technical advice and site support
- Sameday deliveries available on request

Please view our comprehensive catalogue at

**[www.fttgroup.co.uk](http://www.fttgroup.co.uk)**





Spare a moment to see how easy to use we have made this new catalogue

**Our own unique Order Code.**  
Please always use this code when placing orders

Page headers giving details of page content

Numbered sections

Coloured sections with section name on each page

Clear, full colour illustrations throughout

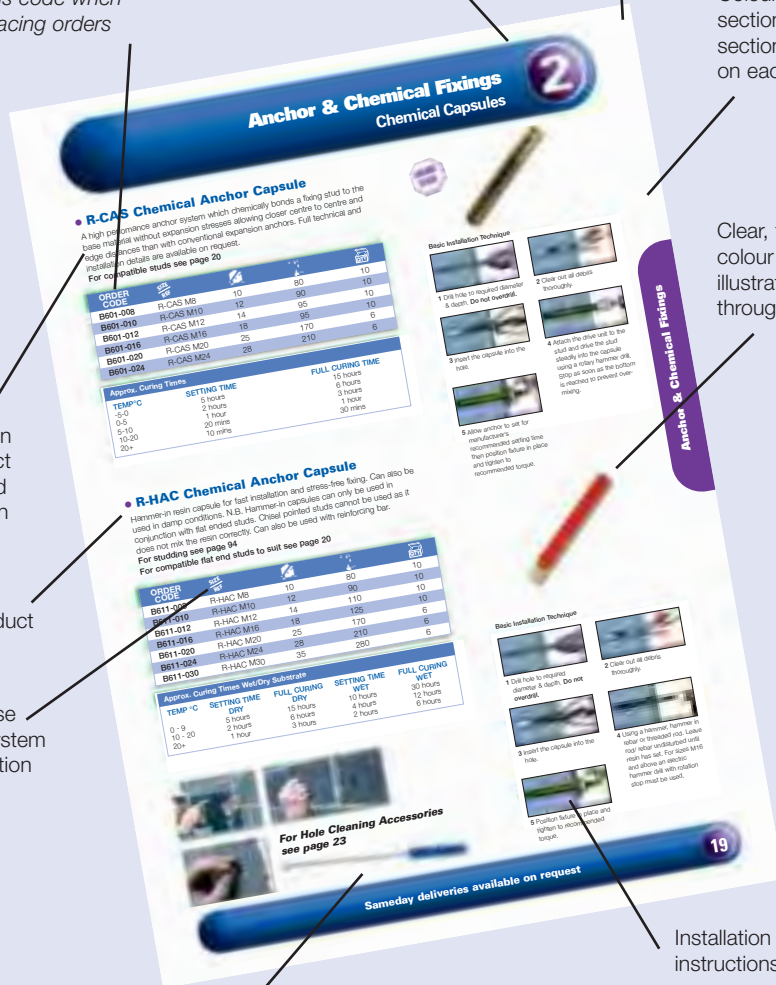
Useful information on product usage and application

Clear product headers

Easy to use symbol system in information boxes

References to other associated products throughout the catalogue

**All this backed by our reliable delivery network and trade counter service**



1

**Lightweight & Cavity Fixings**

2

**Anchors & Chemical Anchors**

3

**Screws**

4

**Nails, Hinges & Ironmongery**

5

**Builders' Metalwork**

6

**Fillers, Sealants & Adhesives**

7

**Threaded Fasteners**

8

**Electrical & Mechanical**

9

**Sheet Metal & Roofing Fixings**

10

**Power Tools & Accessories**

11

**Drilling, Cutting & Driving Tools**

12

**Abrasive Products**

13

**Safety & Hand Tools**

# Key

For your convenience a simple symbol system has been used throughout the catalogue

## Key to Symbols

<b>ORDER CODE</b>	Our Order Code		Cable, Rod or Tube Diameter		Drill Diameter in Wood or Metal
	Size/Description		Drive Type		Screw Diameter
	Pack Quantity		Height		Bolt Diameter
	Weight		Width		Minimum Hole Depth
	Weight per unit (as shown)		Length		Min. Substrate Thickness
	*Max static safe load		Colour		Maximum Fixing Thickness
	Finish		Drill Diameter in Masonry		Grip Thickness

\* Always consult manufacturers technical data or technical departments for relevant design load criteria.  
All dimensions in millimetres except where shown.



## Key to Some abbreviations for materials or finishes used in this catalogue

<b>A2</b> A2 Stainless Steel	<b>CP</b> Chrome Plated	<b>PBL</b> Polished Brass & Lacquered
<b>A4</b> A4 Stainless Steel	<b>EB</b> Electro Brass Plated	<b>SB</b> Solid Brass
<b>ALU</b> Aluminium	<b>FB</b> Florentine Bronze	<b>SS</b> Stainless Steel
<b>ANT</b> Antique	<b>G</b> Galvanised Steel	<b>ST</b> Steel - Self Colour
<b>BJ</b> Black Japanned	<b>PG</b> Pre Galvanised Steel	<b>ZP</b> Bright Zinc Plated
<b>BP</b> Brown Polyester Coated	<b>NM</b> Nickel Matt	<b>ZYP</b> Zinc Plated + Yellow Passivated
<b>BS</b> Solid Brass	<b>NP</b> Nickel Plated	
<b>BZP</b> Bright Zinc Plated		

All reasonable efforts have been taken to ensure accuracy of information contained within this catalogue. The company can not take responsibility for any errors or their consequences.

Great care has been taken to compile this catalogue but we do not guarantee goods as suitable for any particular application unless expressly stated in writing by an authorised representative of the company. See also page 256 and inside back cover for important information.

© Copyright

No part of this catalogue may be stored in a retrieval system, resold, lent, hired out or otherwise reproduced or transmitted in part or whole by photocopying, electronic reproduction, mechanical reproduction or any other means, without the written permission from the company.

E&OE





<b>A</b>	
APB Fixing Band	131
Abrasives	
- Belts/Sheets	227
- Discs	222-226
- Fibre Backed Discs	224
- Rolls	227
- Wheels	222,223
Accubird Riveters	163
Adhesives	82-85
Admixtures	82,90
Aercon Anchors	5
Air Nailers & Nails	52,53
All Purpose Fixing Band	131
Allen Keys	241
Allen Screws	73-75
Aluminium Foil Tape	249
Aluminium Nails	48
Anchors	
- Chemical Anchors	19-25
- Multi-Substrate	17
- Safety Plus Anchors	16
- Shield Anchors	13,14
- Sleeve Anchors	12
- Throughbolts	10,11
- Wedge Anchors	14,15
Angle Brackets	69,75
Angle Drill Adapter	190
Angle Grinders	179-183
Araldite Adhesive	84
Arctic Cable	189
Auger Bits	206
<b>B</b>	
Back Plates	126
Backer Foam	90
Backflap Hinges	66
Backing Pads	224,229
Barrel Bolts	69
Barrel Strainers	133
Barrier Fencing	250
Barrier Tape	249
Base Pads	229
Base Pin Grout	24
Basket Tray	155
Batten Packers	8
Batteries	239
Battery Drills	178-182
Beam Clamps (Girder Clamps)	135-139
Belt Sander	179-180
Belts	
- Abrasive	227
- Cleaning Stick	230
Biscuits	51
Bit Holders	219
Black Aerosol Paint	238
Blacksmiths Drills	199
Bluebird Screwties	78
Bolsters	242
Bolt Caps	37
Bolt Cones	95
Bolts	
- Brass	108
- Cup Square Hex	96
- High Tensile	98
- Hook	176
- Roofing	95
- Stainless	105,106
- U-Bolts	126
Bonded Washers	165
Bonding Agent	82
Bowsaws	245
Brackets - corner/stretcher	69
Brad Nails	53-56
Bradaws	246
Brass, Sets, Nuts & Washers	108
Brickwork Reinforcement	75
Builders Banding	75
Builders Metalwork	72-78
Butt Hinges	66
Butterfly Wall Ties	77
Button Head Socket Screws	101

<b>C</b>	
Cable & Cable Reels	188-189
Cable Clips & Cleats	112
Cable Outlets	69
Cable Ties	116
Cable Tray	156-158
Cantilever Arms	154
Cap Head Socket Screws	99
Capping Nails	50
Caps & Tops	36,37
Capsule Anchors	19
Carcass Screws	38
Carriage Bolts & Nuts	96,106
Carrying Cases	251
Cartridge Nails	58
Cascamite Adhesive (one hit)	84
Catenary Wire	133
Cavity Fixings	6,7
Chain & Fittings	134
Chain-Security	252
Chain-Suspension	134
Chalk Line & Refills	246
Channel Support Systems	149-154
Chemical Anchors	19-25
Chisels	
- SDS	196
- Wood	242
Chrome Dome Mirror Screws	37
Chucks & Keys	190
Circular Saw Blades	216
Circular Saws	179-183
Cleats - Cable	112
Clips	
- Cable	112-113
- Girder	142-148
- Pipe	120-125
Closure Tape	249
Cloth Tape (Duct Tape)	249
Clutch Head Screws (See Sentinel)	63
Coach Bolts	96
Coach Screws	38
Cold Chisels	242
Collated Screws	42,166
Colour Caps - Tek Screws	172
Colour Caps - Woodscrews	36,37
Compressors	52
Concrete Screw Anchors	18
Conduit Taps & Dies	202
Conecut Hole Cutters	205
Construction Drill Screws	167-169
Contact Adhesive	83
Coping Saws	245
Copper Disc Rivets & Nails	48
Copper Tube Terminals	119
Cordless Power Tools	178-182
Core Drills	195,196,215
Corrugated Fasteners	51
Countersink Bits	200
Countersunk Socket Screws	100
Cover Caps	
- Tek Screws	172
- Woodscrews	36,37
Crack Repair Resins	24
Crack Stitching Systems	24
Cramps	248
Crimping Tools	119
Cup Hooks	132
Cutter Screws	35
Cutting Compounds & Fluids	237
Cutting Discs	222,223
<b>D</b>	
DPM Sheeting	250
D Shackles	134
Deb Products	236
Debonding Sleeves	77
Decking Clips	135,136,141,147
Decking Screws	39
Dektite Flashings	129
Delta Sanding Discs	228
Diamond Blades	214,215
Diamond Core Drills	215

Dies	202
Dog Tooth Connectors	51
Dome Nuts	
- Stainless Steel	104
- Steel	92
Dowels (Metal)	127
Drill Accessories	190
Drill Bits	
- HSS Twist Drills	198-200
- Hammer Drills	193-195
- Masonry Drills	192
Drilling Machines	178-185
Driva Plasterboard Fixings	7
Drive Bars	220
Drive Pins	57-60
Drive Screws	176
Drum Sander	230
Drywall Screws	166
Duck Oil	237
Ducting Sealant	88
Ducting Tape	249
Dust Brushes & Pumps	23
Dust Extractors	183
Dust Masks	233
Dust Sheets	239
<b>E</b>	
Ear Protection	232
Edge Clips	142-145
E-Fix Cable Fixings	113
Electrical Box Sinker	197
Emery Cloth	226
Epoxy Resin	22
Erico Caddy Clips	142-148
Expanding Foam	88
Expansion Plugs	2
Express Nail Anchors	4
Eye Bolts	131
Eye Nuts	131
Eye Protection	232
EZI-FIX Fastening Systems	114,115
<b>F</b>	
Face Masks	233
Fencing Eye Bolts	131
Fibre Sanding Discs	224
Fibre Scrim Tape	249
Files - Hand	244
Filler Knives	243
Fillers	80,81
Finish Nails	53
Fire Extinguishers & Equipment	235
Fire Rated Products	89
First Aid Kits	223
Fischer Cable Fixings	113
Fixing Band	131
Fixing Bolts	10-17
Fixing Foam	88
Flange Clamps & Clips	135-142
Flap Discs	225,226
Flashings	129
Flat Bits	207
Flat Dowels (Biscuits)	51
Flexible Shaft	190
Floats	247
Floor - Fast	140
Floor Scrapers	243
Foil Tape	249
Frame Cramps	75
Frame Fixings	3
Frame Screws	3
Framing Anchors	74
Framing Nails	53,55
Fuses	188
<b>G</b>	
Galvafrid Paint	238
Galvanised Threaded Fasteners	92,93,97
Galvanised Through Bolts	11
Gas Fired Nail Guns	54,59
Gas Nailers	54,59
Gesipa Rivets	160-163
Girder Clamps	135
Girder Flange Clamps (Lindapters)	137

Gloves	233
Glue	82-85
Glue Release Agent	82
Goggles	232
Grate-Fast	140
Grinders	179-182
Grinding Discs	222,223
Grips (Visegrip type)	241
Grommets	112
Grout	24
Grub Screws	101
Gutter Bolts (Roofing Bolts)	95

<b>H</b>	
HSS Twist Drills	198-200
Hacksaw Blades	213
Hacksaws	244
Hammer Bits	193-195
Hammer Drills	193-195
Hammer In Capsules	19
Hammerfix	4
Hand Cleaners	236
Hand Tools	238-253
Handiburr Rethreaders	201
Handsaws	245
Hanger Bolts (Screw Bolts)	127
Hanger Rod Swivel	127
Hasp & Staples	68,252
Hazard Warning Tape	249
Helical Fixings	24-26
Helmets	232
Hex Head Self Tappers	165
Hex Screw Fixings	3
Hexagon Wrenches	241
Hexibits	200
High Tensile Bolts & Sets	97,98
Hilti Type Nails (see shot fired nails)	58
Hinges	66,67
Hi-vis Clothing	234
Holding Down Bolts	95
Hole Cleaning Accessories	23
Hole Covers	37
Holesaws	203,204
Hollo-Bolts	140
Hollow-Ceiling Fixings	15
Hollow Core Drills	196,197
Hollow Wall Fixings	7
Hook & Band Hinges	68
Hook Bolts	176
Hook Plates	134
Hose Clips	128

<b>I</b>	
Injection Resin	21-23
Insulated Terminals	118,119
Insulation Anchors	5
Insulation Hangers	173
Insulation Nails	4
Insulation Tape	117

<b>J</b>	
Jack Chain	134
Jigsaw Blades	211
Jigsaws	179-180
Jobber Drills	198-200
Joist Hangers	72,74
Jubilee Clips	128

<b>K</b>	
Keku Fasteners	69
Key Tags	252
Keyless Chucks	190
Klingspor Abrasives	222-230
Knife Sharpeners	243
Knives & Blades	243

<b>L</b>	
Ladder Security Clamp	253
Latches	68
Latex Gloves	233
Leader Wood Bit	205
Lighting (Site)	189
Lightning Band	128
Lindapters	135-141
Locking Nuts	92
Long Expansion Plugs/Fixings	2,3
Lubricants	237

<b>M</b>	
Machine Screws	
- Brass	109
- Nylon	110
- Stainless Steel	105,106
- Steel	102,103

Magnetic Drilling Machines	183,185
Magnetic Sockets	220
Mallets	242
Marker Spray	246
Marking Gauges	246
Masking Tape	249
Masks-Face	233
Masonry Drills	192
Masonry Frame Screws	3
Masonry Nails	50
Measures Tape	246
Metabo Power Tools	178,179,183
Metal Dowels	51
Metal Hollow Wall Anchors	7
Metal Nail In Anchors	4
Metolux Woodfillers	80,81
Mini Cutters (Rotabroach)	187
Mirror Adhesive	85
Mirror Screws	37
Mitre Adhesive	83
Mitre Saws - Electric	180-183
Mitrebonding Kit	83
Modesty Blocks	70
Mop Discs	225,226
Mudguard Washers	93
Multi-Purpose Plug	5
Multi-Substrate Anchors	17

<b>N</b>	
Nail-in Fixings	4
Nail Plates	74
Nails	46-50

Nails	
- Air	53
- Masonry	50
- Paslode	55-56
- Pula	60
- Shot Fired	57-58
Narrow Crown Staples	53
Nelson Cavity Fix	6
Neoprene Washers	165
Non-drill Anchors	14
Non-woven Web Abrasive	230
Numatic Vacuums	184

<b>Nuts</b>	
- BZP	92
- Brass	108
- Nylon	110
- Ring	131
- Stainless	104
Nylon Fixings	2-4
Nylon Threaded Products	110

<b>O</b>	
One Tooth Hole Cutter	205
Orbital Sanders	178-183
Overalls & Overshoes	234

<b>P</b>	
PTFE Tape	121
PVA Adhesive	82
PVC Tape	117
Packers	8
Packing Tape	249
Padlocks	252
Paint Brushes	238
Paint Products	238,239
Paint Stirrer	190
Panel Pins	48,50
Paslode Nailers & Accessories	59-61
Pencils	247
Penetrating Release Fluid	237
Permagrip Spray Adhesive	84
Phosphor Bronze Washers	108
Piano Hinge	66
Pin Hammers	242
Pin Spanners	224
Pincers	241
Pinkgrip Panel Adhesive	85

Pipe Clips	
- Industrial	122-125
- Plastic	120,121
Pipe Cover	120
Pipe Flashings	129
Pipe Hole Covers	121
Pipe Pier Supports	125
Planer Blades	207
Planers	179-183
Planes (hand)	243
Plasterboard Fixings	6,7
Plastic Plugs	2
Plastidomes	36
Plate Washers	94
Pliers	241
Plugs-Electrical	189
Pointing Gun	247
Polythene	250
Polytoggle	6
Polytops- Nails, Pins	37
Polyurethane Adhesive	82
Polyurethane Sealant	87
Polysulphide Sealant	87
Polywashers	121
Porcelain Tile Drills	192
Pourable Grout	24
Powder Actuated Fixings	57,58
Power Tools	178-185
Precision Wood Bits	207
ProTool Lube	237
Protection Sheeting	250
Pulsa Nialers & Accessories	59-61
Pump In Resins	21-24
Punches	242
Purlin Clips	132,135,142-148

<b>Q</b>	
Quick-Fix System	130
Quikdrive System	40-43
Qwik Clamps & Clips	122-123
Qwik Rail	126

<b>R</b>	
Rapid Positioning Pipe Clips (RPC)	124
Rapidrail Support System	130
Ratchet Straps	253
Rebar Cutters	194
Reciprocating Saw Blades	212
Reddridge	7
Reducers	127
Reinforcement Mesh	75
Reisser Screws	33-35
Release Agent	237
Remedial Wall Ties	24
Repair Washers	93
Resin Anchors	19-24
Respiratory Protection	233
Restraint Straps	76
Rigid Insulation Nail	4
Ring Nuts	131
Riveters	163
Rivets & Rivet Washers	160-162
Rize Cable Lock	255
Rolls - Abrasive	227
Roofgrip Screws	170
Roofing Bolts & Nuts	95
Roofing Fixings	168-175
Rope	250
Rope (Wire)	133
Rotabroach	185-187
Rotary Impact Drills	192
Routabout System	210
Router Cutters	208,209
Rules	246

<b>S</b>	
S Hooks	134
<b>SDS</b>	
- Auger Bits	206
- Chisels	196
- Chuck Adapters	190
- Hammer Bits	193-195
S.W.A. Cable Cleats	112
Sabre Saw Blades	212
Sacks	236

Saddle Bolts	63	Spring Nuts	150	Timberfix Screws	169
Saddle Clamps	123	Spring Toggles	6	Timbermate	81
Safe Plates	74	Spur Shelving (Twin Slot)	70	Toggle Clamps - Lindapter	141
Safety Equipment	232-234	Square Anchors	5	Toggles	6
Safety Signs	254	Square Plate Washers	94	Tool Boxes	249
Sanders	179,182	Squares	246	Tool Chests	252
Sanding		Stainless Steel		Tool Pouches	249
- Belts	227	- Coachscrews	107	Torch	239
- Discs	224,229	- Cup Sq Bolts	106	Tower Bolts	68
- Rolls	227	- Machine Screws	105,106	Trailing Leads	188
- Sheets	227,229	- Nails	48	Transformers	188
Saw Benches	183	- Nuts	104	Treflex	237
Saw Blades	216	- Self Tappers	107	Trend Cutters	208-210
Saws (Hand)	245	- Setscrews	105	Tripod Site Lights	189
Screw Anchors	7	- Socket Screws	106	Trowels	247
Screw Bolts	127	- Studding	105	Truss Clips	73,74
Screw Bolts (MSA Anchors)	17	- Through Bolts	11	Tufanega	236
Screw Caps & Cups	36-37	- Washers	104	Turbofast	51
Screw Hooks & Eyes	132	- Wedge Anchors	14	Twin Slot Shelving	70
Screwdriver Bits	217-219	- Woodscrews	32	Twist Drills	198-200
Screwdrivers		Stand Off Brackets	158	Two Hole Security Screws	65
- Cordless	179-182	Staplers/Staples		<b>U</b>	
- Hand	240	- Air	53	U-Bolts	126
- Power	179	- Hand	248	Ultra Light Filler	81
Screws		Staples		Unicaps	36,37
- Machine	102,103	- Galvanised Presser Point	48,50	Unistrut Channel Systems	149-154
- Self Tappers	164	Star Dowels	51	UNO Universal Plugs	2
- Wood	28-35	Step Drills	204	<b>V</b>	
Screwtries	78	Storage Cases	251	V-Nuts (See Wedge Nuts)	135
Scrim Tape	249	Stormproof Hinges	67	Vacuum Cleaners	184
Scutch Chisels & Hammers	242	Straining Eyebolts	131	Vari-Bit Step Drills	204
Sealants	86-90	Straps	76	Velcro Sanding Discs & Sheets	228,229
Sealing Washers	165	Stretcher Plates	69	Vine Eyes	132
Seamfast	176	Stub Drills	199	<b>W</b>	
Security Screws & Fixings	62-65	Studding		Wafer Head Drill Screws	167
Security Tool Chests	252	- Brass	108	Wall Panel Adhesives	85
Self Adhesive Clips	113-115	- Nylon	110	Wall Plugs	2
Self Adhesive Discs	228	- Stainless Steel	105	Wall Starter Kits	77
Self Drilling Screws	167-175	- Steel (BZP)	94	Wall Ties	24,25,76-78
Self Tapping Screws		Studding Connectors	94	Warm Roof fixings	26
- BZP Steel	164	Studs, Nuts & Washers	20	Washers	
- Stainless Steel	107	Suction Lifters	250	- BZP	93
Sentinel Security Screws	63	Suspended Ceiling Fixings	132	- Brass	108
Setscrews		Suspension Wire	132	- Nylon	110
- BZP	97	Superglue	83	- Plate	94
- Brass	108	Support Systems (Channel)	149-154	- Poly	121
- Nylon	110	Survey Marker Sprays	246	- Rivet	162
- Stainless Steel	105	Swarfega	236	- Roofing	165
Shear Nuts	63	Sweeping Brushes	236	- Stainless Steel	104
Sheets		Switch Box Screws	109	- Taper	94
- Abrasive	227,229	Swivel Rod Hangers	127	Wedge Anchors	14,15
- Dust	239	<b>T</b>		Wedge Nuts	135
Shelving	70	Tackers	248	Wedge Packers	8
Shield Anchors	13-14	Tapcon Anchors	18	Window Board Ties	75
Shot Fired Fastenings	57,58	Tape		Window Frame Fixings	3
Shutafil	81	- Masking	249	Wing Nuts	92
Silicone Lubricant	237	- PTFE	121	Wire Brushes	244
Silicone Sealants	86-90	- PVC	117	Wire Hangers	132
Site Electrics	188,189	- Specialist	249	Wire Rope & Accessories	132-134
Site Lighting	189	Tape Measures	246	Wood Adhesive	82-84
Skeleton Guns	90	Taper Drills	205	Wood Bits	205,207
Sleeve Anchors	12	Taper Washers	94	Wood Filler	80,81
Snake Eye Security Screws	65	Taps & Dies	201,202	Woodscrews	28,35
Socket Screws		Tarpaulins	250	Worktop Connectors	70
- Electrical	109	Tee Hinges	67	<b>XYZ</b>	
- Stainless Steel	106	Tee Nuts	92	Zebedee Nuts	150
- Steel	99-101	Tek Screws	167-175	Zip Clip	255
Socket Set	241	Tenon Saws	245	Zipscrews	32
Sockets - Electric	189	Terminal Blocks	117		
Solid Board Cutter	197	Terminals	118,119		
Solvent Cleaner	83	Thread Reducers	127		
Spacer Ferrules	173	Thread Sealing Tape - PTFE	121		
Spanners	241	Threaded Rod & Connectors	94		
Spat Washers	176	Threaded Rod Cutters	248		
Spectacles (Safety)	232	Threadlock	237		
Speed Clamps	248	Through Bolts	10,11		
Speedlink System	148	Tie Wraps	116		
Spider/Splitter Box	188	Tile Drills	192		
Spirit Levels	247	Timbafil	80		
Splice Plates	74	Timber Connectors	51		
Sponge Abrasive Pads	230	Timber Frame Ties	25,77		
Spring Head Roofing Nails	48	Timber - Lok Fasteners	39		



# Guide to Using Expanding Anchors

## Basic Guide to Using Expanding Anchors

### Key Points

It is essential that all Anchors are installed correctly in accordance with manufacturers installation instructions. Basic points to remember are:

- Ensure suitability of anchor for type of substance.
- Assess local factors eg proximity to edge, reinforcement etc.
- Use a drill bit in good condition.
- Drill hole to correct diameter and depth.
- Clean out the hole thoroughly - especially critical for chemical bonded anchors.
- Ensure that the correct setting equipment and procedure is used.
- Tighten to correct torques recommended by manufacturers.



### Direction of Loading

The most suitable Anchor for the application concerned can be selected after considering the direction of the applied load. The tension and shear values must be less than the safe working loads in the direction concerned. Other factors to be considered are centre to centre distances, centre to edge distances and proximity of reinforcement etc.

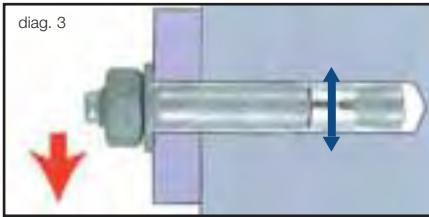
### Tensile Loads

Common examples of Tensile Load situations include suspension of ductwork and pipework, mechanical services and suspended ceiling applications. These are loads which are applied along the axis of the fixing. (see diag. 1).



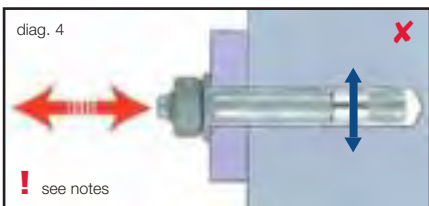
### Shear Loads

Shear Load performance is relative to the shear strength of the bolt material and also the compressive strength of the substrate in close edge situations. (see diag. 2).



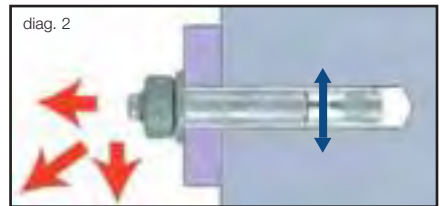
### Cyclical Loads

A cyclical load is where the load on the anchor is not static but fluctuates from a load to a no-load situation. Over a period of time the point of expansion of expanding anchors can cause hole wear and subsequent anchors failure. Chemical anchors offer significant advantages in this application and if repeated cyclical loads are envisaged expansion anchors are not recommended.



### Oblique and Combined Loads

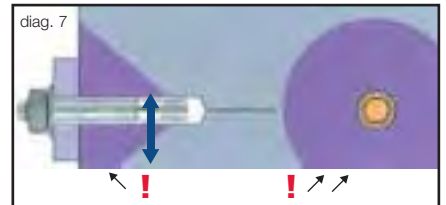
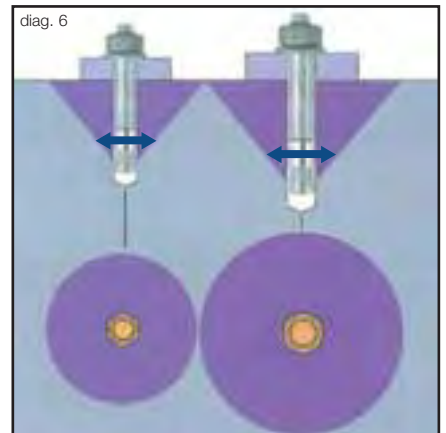
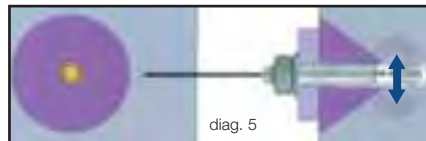
These are a combination of tension and shear loads (see diag. 3). If the Oblique Loading is within 10° of pure tension or shear, then the safe working load of that direction may be assumed. However, if the Oblique Loading is greater than this, then the following equation must be satisfied.



$$\frac{\text{Applied Tension Load}}{\text{Safe Static Tensile Load}} + \frac{\text{Applied Shear Load}}{\text{Safe Static Shear Load}} \leq 1.2$$

### Tightening Anchors

A clamping force is exerted on the substrate when an expansion anchor is tightened. This clamping force is relative to the tightening torque. Tightening an anchor to the recommended torque ensures that the clamping force is greater than the safe working loads published. It is important that these torques are not exceeded as overstressing of the bolt may occur. (see diag. 5).



### Expansion Fixings

When tightening, expansion anchors transmit forces which compress the substrate material locally, these forces are exerted at the point of expansion not over the whole length of the fixing. When a load is applied to the Anchor additional forces are exerted - (see diag 6), showing the projected area or "The Concrete Cone". It is the projected area which relates to the anchor performance - deeper embedment gives a larger "Concrete Cone". Care must be taken when installing anchors close to one another or near to the edge of the substrate as this reduces the projected area and results in reduced fixing performance. (see diag. 7).

**For Design Loads and Technical Information refer to manufacturers design guides which are available on request.**

Although a specific brand of products may be shown in this catalogue it may at times be necessary to supply an alternative manufacturers product. Where a particular brand of product has been selected to meet the loading performance criteria only that brand must be used. The particular brand must be specifically requested at the time of ordering.







### ● Plastic Plugs

Our best selling plastic fixing plug suitable for a wide variety of building materials. Plugs are packed in boxes of 1000 with inners of 100.

ORDER CODE					QTY
A011-008	Yellow	5.5	3.5 - 4.0 (6-8g)		1000
A011-010	Red	5.5	3.5 - 4.0 (6-10g)		1000
A011-040	Brown	7.0	5.0 - 6.3 (10-14g)		1000
A011-120	Blue	10.0	5.0 - 7.0		1000
A011-130	Green	12.0	8.0 - 10.0		1000

### ● Uno Universal Plug - Type UNO

A truly universal plug which fixes into any wall, ceiling or floor. Features a unique design which expands at the top giving instant grip. Anti rotation features prevent spinning in the hole. Suitable for use in concrete, brick, block, plasterboard etc. Stocked in plastic & nylon versions.

ORDER CODE	REF				QTY
A021-008	Yellow	Plastic	5	3.0 - 4.5 (4-8g)	1000
A021-010	Red	Plastic	6	3.5 - 5.0 (6-10g)	1000
A021-040	Brown	Plastic	7	4.0 - 6.0 (8-14g)	1000
A021-105	UNO5	Nylon	5	3.0 - 4.5 (4-8g)	1000
A021-106	UNO6	Nylon	6	3.5 - 5.0 (6-10g)	1000
A021-108	UNO8	Nylon	8	4.0 - 6.0 (8-12g)	1000
A021-110	UNO10	Nylon	10	5.0 - 8.0 (10-14g)	1000

### ● Nylon Wallplugs - Type NWP

Provides secure fixing in all building materials - aircrete, hollow bricks and blocks, solid brick or concrete. Each wallplug accommodates a range of screw sizes and no expansion at neck ensures suitability for fixing through tiles. 100% nylon, tough and resilient for long life.

ORDER CODE	SIZE REF				QTY
A031-005	NWP 5	5	2.5 - 4.0 (4-8g)		100
A031-006	NWP 6	6	3.5 - 5.0 (6-10g)		100
A031-007	NWP 7	7	4.0 - 5.5 (8-12g)		100
A031-008	NWP 8	8	4.5 - 6.0 (10-14g)		100
A031-010	NWP 10	10	6.0 - 8.0		50
A031-012	NWP 12	12	8.0 - 10.0		25
A031-014	NWP 14	14	10.0 - 12.0		20

### ● Hex Screw Fixings - Type HSF

Nylon plug complete with hexagon-headed coach screw and steel washer for extra strength in concrete and masonry. Ideal for fixing sanitary ware, handrail systems etc.

ORDER CODE	SIZE REF				QTY
A111-330	HSF 7 x 60	10	7	15	100
A111-435	HSF 8 x 70	10	8	25	100
A111-535	HSF 10 x 70	12	10	15	25

See page 37 for bolt head cover caps to suit.  
See page 193 for drill bits.









# Lightweight & Cavity Fixings

## Nylon & Frame Fixings

1

### • Nylon Frame Fixings - Type NEF





Ideal for fixing battens and wallplates, door and window frames, wall cupboards, panelling to most building materials and also for fitted furniture, fencing posts etc.

ORDER CODE	SIZE REF				
A131-430	NEF 8 x 60	8	20	PZ3	50
A131-440	NEF 8 x 80	8	40	PZ3	50
A131-450	NEF 8 x 100	8	60	PZ3	50
A131-454	NEF 8 x 120	8	80	PZ3	50
A131-540	NEF 10 x 80	10	30	PZ4	50
A131-550	NEF 10 x 100	10	50	PZ4	50
A131-554	NEF 10 x 120	10	70	PZ4	50
A131-557	NEF 10 x 135	10	85	PZ4	50
A131-562	NEF 10 x 160	10	110	PZ4	50

See Page 37 for appropriate cover caps to suit drive size

### • Nylon Window Anchor - Type NWA





An all nylon "through" fixing plug with a plated & passivated steel woodscrew drilled to take a coloured cover cap. Eliminates the need for wedges or packing pieces. Grips onto UPVC or aluminium profiles securely to allow spacing between the profile and the substrates. Allows thermal movement of the frame without causing distortion.

ORDER CODE	SIZE REF				
A151-450	NWA 8 x 100	8	35	PZ3	50
A151-454	NWA 8 x 120	8	70	PZ3	50
A151-458	NWA 8 x 140	8	75	PZ3	50
A151-537	NWA 10 x 75	10	10	PZ3	50
A151-550	NWA 10 x 100	10	35	PZ3	50
A151-554	NWA 10 x 120	10	55	PZ3	50
A151-558	NWA 10 x 140	10	75	PZ3	50
A151-563	NWA 10 x 165	10	105	PZ3	50

See Page 37 for appropriate cover caps to suit drive size

### • Long Expansion Frame Fixings - Type LEF



For use in hollow brick, perforated brick or solid building materials with low resistance to pressure, such as aircrete. Also suitable for fixing cladding profiles and timber to no fines concrete, using the larger sizes.

ORDER CODE	SIZE REF				
A161-450	LEF 8 x 100	8	20	PZ3	50
A161-454	LEF 8 x 120	8	40	PZ3	50
A161-553	LEF 10 x 115	10	25	PZ4	50
A161-557	LEF 10 x 135	10	45	PZ4	50
A161-562	LEF 10 x 160	10	70	PZ4	50

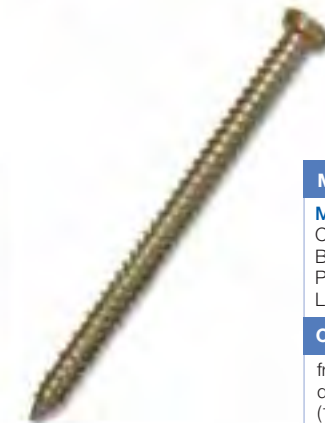
See Page 37 for appropriate cover caps to suit drive size.

### • Masonry Frame Screws - Type MFS

The Masonry Frame Screw is a fast and versatile self threading screw ideal for fixing window and door frames into brick, concrete, stone and wood without using additional plugs.

ORDER CODE	SIZE REF			
A171-320	MFS 7.5 x 40	6.0-6.5	TZD30	100
A171-330	MFS 7.5 x 60	6.0-6.5	TZD30	100
A171-340	MFS 7.5 x 80	6.0-6.5	TZD30	100
A171-350	MFS 7.5 x 100	6.0-6.5	TZD30	100
A171-354	MFS 7.5 x 120	6.0-6.5	TZD30	100
A171-360	MFS 7.5 x 150	6.0-6.5	TZD30	100
A171-366	MFS 7.5 x 180	6.0-6.5	TZD30	100

See page 37 for appropriate cover caps to suit drive size.



Minimum Screw-in Depth	
MATERIAL	DEPTH
Concrete	30mm
Brick	40mm
Pumice Stone	50mm
Light Concrete	90mm
Calculating Screw Length	
frame width + screw-in depth + drill-hole depth (10mm) = Screw length	

Lightweight & Cavity Fixings





Next day delivery Nationwide

3



### ● Hammer Fixings - Type HIF


This 'through' fixing is ideal for quick efficient installation of all interior timberwork - battens, frames, wall linings, thermal board etc., into solid materials. The hammer-in screw eliminates the need to use a screwdriver and facilitates speedy installation. Can be removed with a screwdriver. The 100% nylon plug is tough and resilient for long life.

ORDER CODE	SIZE REF				
A211-215	HIF 5 x 30	5	5	PZ2	100
A211-220	HIF 5 x 40	5	15	PZ2	100
A211-225	HIF 5 x 50	5	25	PZ2	100
A211-320	HIF 6 x 40	6	10	PZ2	100
A211-330	HIF 6 x 60	6	30	PZ2	100
A211-340	HIF 6 x 80	6	50	PZ2	100
A211-430	HIF 8 x 60	8	20	PZ3	100
A211-440	HIF 8 x 80	8	40	PZ3	100
A211-450	HIF 8 x 100	8	60	PZ3	100
A211-454	HIF 8 x 120	8	80	PZ3	100
A211-550	HIF 10 x 100	10	50	PZ3	50
A211-557	HIF 10 x 135	10	85	PZ3	50
A211-562	HIF 10 x 160	10	110	PZ3	50

See Page 37 for appropriate cover caps to suit drive size




### ● Express Nail Anchor - Type EXP-N

The Express Nail Anchor is ideal for economical, quick, repetitive fixing applications. Ideal for use on frames, battens, fencing etc. Simply drill hole and hammer fixing home.

ORDER CODE	SIZE REF		
A221-320	EXP-N 6 x 40	6	200
A221-325	EXP-N 6 x 50	6	200
A221-330	EXP-N 6 x 60	6	200
A221-340	EXP-N 6 x 80	6	200
A221-350	EXP-N 6 x 100	6	200
A221-435	EXP-N 8 x 70	8	200
A221-445	EXP-N 8 x 90	8	200
A221-452	EXP-N 8 x 110	8	200
A221-456	EXP-N 8 x 130	8	200
A221-460	EXP-N 8 x 150	8	200
A221-466	EXP-N 8 x 180	8	200

### ● Metal Nail in Anchor - Type NIA

Pre-assembled, metal hammer in fixing used in partitioning and ceiling work to fix thin materials to concrete or brick. As this is all metal it is suitable for use in fire-rated applications.

ORDER CODE	SIZE REF			
A251-315	NIA 6 x 30	6	5mm	200
A251-325	NIA 6 x 50	6	20mm	100

### ● Insulation Nail for Rigid Material - Type RIN

A one piece hammer in nylon fixing for fastening rigid insulation to masonry work. Simply drill straight through the insulation board into the masonry work and hammer the fixing home.

The 32mm diameter head spreads the load on soft materials.

ORDER CODE	SIZE REF			
A271-035	RIN 70	8	70mm	30 - 40
A271-045	RIN 90	8	90mm	50 - 60
A271-052	RIN 110	8	110mm	70 - 80
A271-056	RIN 130	8	130mm	90 - 100

# Lightweight & Cavity Fixings

## Lightweight Block Fixings

1

### Stainless Steel Insulation Anchor - Type SIA

An all metal fire resistant anchor that is both fast and easy to install. Suitable for fixing all types of insulation to concrete, brick, stone or block base material. Simply drill through the insulation material and hammer fixing home.



ORDER CODE	SIZE REF				QTY
A291-040	SIA 30	8	80	30	250
A291-053	SIA 60	8	110	60	250
A291-070	SIA 90	8	110	90	250

### Aercon Anchor - Nylon

Expansion-free nylon anchor designed for fixing heavier loads into aerated concrete. Suitable for wood screws or coach screws. The anchor is threaded into the drill hole using the setting tool. The thread cuts into the soft material providing a secure, vibration resistant fixing with no stress on the surrounding substrate.

ORDER CODE	SIZE REF				QTY
A401-006	RBT 6	50	10	5-6.0 (10-12g)	25
A401-008	RBT 8	60	12	7-8 (14-18g)	25
A401-010	RBT 10	70	14	8-10 (18-24g)	25

### Aercon Anchor - Metal

Of a similar design to the nylon version, this alloy anchor is for use with metric threaded fasteners.

ORDER CODE	SIZE REF				QTY
A401-104	RBT M8	60	12	M8	25
A401-105	RBT M10	70	14	M10	25

### Aercon Setting Tool

Specialist tool for driving Aercon anchors in by hand.

ORDER CODE	SIZE REF	TO SUIT AERCON ANCHOR	QTY
A401-506	KBST 4-6	RBT 6	1
A401-508	KBST 8	RBT 8/RBT M8	1
A401-510	KBST 10	RBT 10/RBT M10	1

### Square Anchor - Type SDA

A new fast installation anchor for soft blocks - simply hammer in with no pre drilling. The legs move outwards inside the block, locking the anchor in position and giving superb pull-out resistance. Accepts 3.5 - 5.0 mm (6 - 10 gauge) woodscrews.

ORDER CODE	SIZE REF		QTY
A421-305	SDA 6-10	3.5 - 5.0	50

### Multi-purpose Plug - Type MPP

The multi-purpose plug has been specifically designed to provide a secure fixing in lightweight, aerated and hollow block or other unknown substrates.

ORDER CODE	SIZE REF			QTY
A441-320	MPP 6 x 40	4.0 (8g)	6	50
A441-425	MPP 8 x 49	5.0-5.5 (10/12g)	8	50

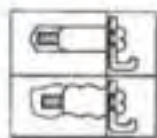
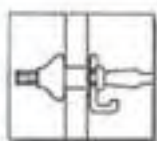
**For Turbofast  
lightweight block  
fixing see page 51**

Lightweight & Cavity Fixings

Competitive Trade Prices

5





### • Spring Toggles (Body Only)

This popular cavity fixing is very useful where thick boards are encountered as a long screw can be used. Please note that the toggle is not held captive in the board. Used in conjunction with machine screws and washers, see pages 102-103.

ORDER CODE	SIZE REF		QTY
A501-200	M5	14	100
A501-300	M6	18	100
A501-400	M8	22	50
A501-500	M10	25	50

### • Rubbernuts (Body Only)

This unique fixing will expand into either solid materials or cavity wallboards. The rubber sleeve gives some allowance for movement where vibration may be present. The larger sizes have also been used effectively into asphalt and other unknown base materials. They are supplied without screws to enable you to select the correct style of screw from our large range. See pages 102-103.

ORDER CODE	SIZE REF				QTY
A531-212	5250	M5	6 - 14	10	50
A531-220	5400	M5	20 - 30	10	50
A531-312	6250	M6	3 - 13	13	50
A531-317	6350	M6	13 - 23	13	50
A531-412	8250	M8	4 - 10	18	50
A531-527	1055	M10	25 - 35	20	25
A531-637	1275	M12	33 - 45	24	10

### • Polytoggle

This medium-duty plasterboard fixing expands behind the plasterboard and will accept both woodscrews and self-tapping screws.

The Polytoggle also stays in place even when the screw is removed, so fixtures can be removed and replaced eg. during re-decoration.

ORDER CODE	SIZE REF				QTY
A551-505	Short	5.0 (10g)	10mm	8	100
A551-506	Medium	5.0 (10g)	10-13mm	8	100
A551-508	Long	5.0 (10g)	13-16mm	8	100

### • PD Fischer Board Fixing

An innovative cavity fixing suitable for interior installation work in all standard board and most hollow materials. Extra short expansion zone means low space requirement behind board or short hole depth in solid material. Pre-formed thread designed for use with standard chipboard screws only (see page 32).

ORDER CODE	SIZE REF				QTY
A561-008	PD 8	4.0	6	8	100
A561-010	PD 10	5.0	7	10	100
A561-012	PD 12	6.0	9	12	50

### • Nelson Cavitifix

This nylon cavity fixing as well as giving a positive locking action when tightened, also has the unique advantage of being suitable for both conventional and twin thread screw designs. This enables it to be used with virtually any 8g woodscrew e.g. Brass, Stainless Steel, Steel etc.

ORDER CODE	SIZE REF				QTY
A571-117	CF 4.0 x 35	4.0 (8g)	10-13	10	100




# Lightweight & Cavity Fixings

## Cavity Fixings

1

### • Driva Plasterboard Fixings

Self drilling fixings for anchoring to plasterboard walls. Applications include radiators, cupboards, handrails, brackets, signs, extinguishers and many more. The (A601-205) can also be used in aerated concrete if pre-drilled to 6mm. The Driva Plus (A601-215) also gives far greater pull out loads than standard Driva.

ORDER CODE	SIZE REF			
A601-205	Driva Zinc Alloy	1 - 12	10 - 13	100
A601-210	Driva Nylon	1 - 12	10 - 13	100
A601-215	Driva Plus	1 - 12	12 - 13	100


A601-205  
Driva Zinc  
Alloy

A601-215  
Driva Plus

### • Screw-In Plasterboard Fixings

The MSP420 is a metal screw-in plasterboard fixing which cuts its own thread into the plasterboard then the screw is screwed into the MSP420 to provide the fixing.

The NPF fixing is a low cost screw-in plasterboard fixing made of nylon which requires a pilot hole. A woodscrew is screwed into the centre and expands the NPF within the plasterboard, to ensure a secure positive fixing.




ORDER CODE	SIZE REF	DESCRIPTION	
A631-420	MSP420	Metal Plasterboard Fixing (c/w screws)	100
A631-610	NPF	Nylon Plasterboard Fixing (6 - 10g screws)	100

MSP 420

NPF


### • Metal Hollow Wall Anchors

These Hollow Wall Anchors provide a very firm fixing in many board materials and can be "set" very quickly either by screwdriver or with the special installation tool shown below. The fixing screw can be removed leaving the body in the wall which allows removal of the fixture for decoration etc.

ORDER CODE	SIZE REF	BODY LENGTH mm			
A661-119	M4 x 38	32	3 - 11	8	100
A661-122	M4 x 45	38	10 - 16	8	100
A661-222	M5 x 45	37	8 - 13	11	50
A661-229	M5 x 58	52	3 - 16	11	50
A661-235	M5 x 71	65	19 - 32	11	50
A661-322	M6 x 45	37	8 - 13	13	50
A661-329	M6 x 58	52	3 - 16	13	50
A661-335	M6 x 71	65	19 - 32	13	50

### • Hollow Wall Anchor Setting Tool

Enables rapid and easy installation of metal hollow wall anchors. A must for every installer.

ORDER CODE	SIZE REF	
A661-900	Heavy Duty Setting Tool	1





### ● PAC-KIT Plastic Batten Packers

In today's competitive market, time is of the essence when it comes to fixing situations. These plastic batten packers are made in increments of 1mm thick which are colour coded for easy identity. Either order in specific sizes or a mixed bag. Size 55mm x 43mm.

ORDER CODE	SIZE REF		QTY
A701-108	55 x 43 x 1mm	Yellow ●	200
A701-230	55 x 43 x 2mm	Green ●	200
A701-320	55 x 43 x 3mm	Blue ●	200
A701-410	55 x 43 x 4mm	Red ●	200
A701-540	55 x 43 x 5mm	Brown ●	200
A701-609	55 x 43 x 6mm	Black ●	200
A701-791	55 x 43 x 1 - 6mm	Mixed	200



### ● PAC-KIT Plastic Batten Packers - Large

These packers are for the same purposes as the item above but are longer and there is also an additional size 101mm x 43mm x 10mm.

ORDER CODE	SIZE REF		QTY
A711-108	101 x 43 x 1mm	Yellow ●	500
A711-230	101 x 43 x 2mm	Green ●	500
A711-320	101 x 43 x 3mm	Blue ●	500
A711-410	101 x 43 x 4mm	Red ●	500
A711-540	101 x 43 x 5mm	Brown ●	500
A711-609	101 x 43 x 6mm	Black ●	500
A711-800	101 x 43 x 10mm	Natural ●	500
A711-891	101 x 43 x 1-10mm	Mixed	500



### ● Wedge Packers

These wedge shaped packers are used in pairs and their special design allows the packing thickness to be adjusted very simply. Ideal for battening work, window fitting etc. Each notch gives 0.2mm adjustment.

ORDER CODE	SIZE REF		QTY
A711-892	45 x 78mm	Green ●	100





## Anchor & Chemical Fixings





1 Drill hole in concrete using fitting as template if required



2 Clean any debris



3 Tap the bolt through the fitting into position



4 Tighten nut to the required torque

Through bolt anchors are designed for use in concrete or dense natural stone with a strength greater than 20N/mm<sup>2</sup> and are probably the most widely used fixing bolt in today's market.




The throughbolt requires a hole in concrete the same diameter as the bolt, thus allowing the hole to be drilled through the fixture avoiding lengthy marking out procedures.

Throughbolts are a versatile, cost-effective anchor combining ease of installation with good load carrying capabilities.

When selecting any fixing bolts the following factors must be considered.

- Thickness of fixture including any packing
- Non-structural screed must be included in the fixture thickness
- Compressive strength of concrete
- Distance from any edge
- Centre to centre distance of anchors
- Type and direction of load applied.

### • TBA/Z Throughbolt Anchor

ORDER CODE	SIZE REF			
B011-320	6 x 40	6	3	100
B011-327	6 x 55	6	16	100
B011-335	6 x 70	6	32	100
B011-342	6 x 85	6	46	100
B011-425	8 x 50	8	5	100
B011-432	8 x 65	8	5	100
B011-440	8 x 80	8	15	100
B011-447	8 x 95	8	30	100
B011-453	8 x 115	8	65	100
B011-532	10 x 65	10	5	50
B011-540	10 x 80	10	16	50
B011-547	10 x 95	10	32	50
B011-553	10 x 115	10	52	50
B011-556	10 x 130	10	67	50
B011-640	12 x 80	12	5	50
B011-650	12 x 100	12	24	50
B011-654	12 x 120	12	44	50
B011-657	12 x 135	12	58	50
B011-660	12 x 150	12	73	50
B011-745	16 x 90	16	20	25
B011-751	16 x 105	16	5	25
B011-758	16 x 140	16	40	25
B011-766	16 x 180	16	80	25
B011-772	16 x 220	16	120	25
B011-855	20 x 125	20	5	25
B011-862	20 x 160	20	40	25
B011-870	20 x 200	20	80	10
B011-880	20 x 300	20	180	10
B011-939	24 x 180	24	35	10
B011-943	24 x 260	24	115	10

**For guidance on choosing expanding anchors see index page viii at the front of the catalogue**



**Manufacturers of anchor fixings and chemical resins on pages 10-22 may vary. Please ask if specification required.**






# Anchor & Chemical Fixings Through Bolt Anchors

2




## • TBA/G Hot Dip Galvanised Throughbolt Anchors

TBA/G for use in moist internal applications and certain external applications.

ORDER CODE	SIZE REF			
B031-440	T/G 8 x 80	8	30	100
B031-540	T/G 10 x 80	10	16	50
B031-553	T/G 10 x 115	10	52	50
B031-650	T/G 12 x 100	12	24	50
B031-657	T/G 12 x 135	12	58	50
B031-758	T/G 16 x 140	16	20	25
B031-766	T/G 16 x 180	16	80	25
B031-870	T/G 20 x 200	20	80	10
B031-943	T/G 24 x 260	24	115	10

## • TBA/SS Stainless Steel Grade 316 A4 Throughbolt Anchors

TBA/SS A4 stainless for use externally or where salt or certain chemical attack may occur.

ORDER CODE	SIZE REF			
B051-327	T/SS 6 x 55	6	16	100
B051-342	T/SS 6 x 85	6	46	100
B051-432	T/SS 8 x 65	8	15	100
B051-440	T/SS 8 x 80	8	30	100
B051-451	T/SS 8 x 105	8	55	100
B051-540	T/SS 10 x 80	10	16	50
B051-553	T/SS 10 x 115	10	52	50
B051-556	T/SS 10 x 130	10	67	50
B051-650	T/SS 12 x 100	12	24	50
B051-657	T/SS 12 x 135	12	58	50
B051-660	T/SS 12 x 150	12	73	50
B051-758	T/SS 16 x 140	16	40	25
B051-766	T/SS 16 x 180	16	80	25
B051-772	T/SS 16 x 220	16	120	25
B051-862	T/SS 20 x 160	20	40	25
B051-870	T/SS 20 x 200	20	80	10
B051-880	T/SS 20 x 300	20	180	10
B051-943	T/SS 24 x 260	24	115	10



**For guidance on choosing expanding anchors see index page viii at the front of the catalogue**

**For further technical information request the latest Specification and Design guide. Competitive trade prices on all products**

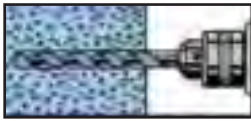




# 2

## Anchor & Chemical Fixings

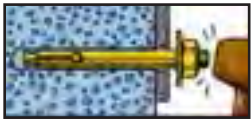
### Sleeve Anchors



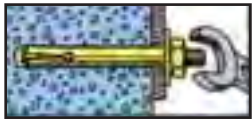
1 Drill hole in concrete using fitting as template if required



2 Clean any debris



3 Tap the bolt through the fitting into position



4 Tighten nut to the required torque

These sleeve anchors are designed for fixing into brickwork, blockwork and concrete of 7 N/mm<sup>2</sup> strength and above. This all metal-anchor is a through fixing which enables the hole to be drilled through a pre-positioned fixture, saving time and money. Ideal in lighter weight situations. Supplied in zinc plated yellow passivated finish.

Similar factors to throughbolts must be taken into account when selecting sleeve anchors with special care taken near brick edges, tops of walls etc.

#### • Loose Nut Sleeve Anchors - Type SAH

ORDER CODE	SIZE REF				
B101-329	SAH 6.5 x 58	M5	6.5	27	100
B101-421	SAH 8 x 42	M6	8	9	100
B101-433	SAH 8 x 66	M6	8	35	50
B101-524	SAH 10 x 48	M8	10	9	50
B101-537	SAH 10 x 75	M8	10	36	50
B101-550	SAH 10 x 100	M8	10	60	25
B101-629	SAH 12 x 58	M10	12	9	25
B101-635	SAH 12 x 70	M10	12	22	25
B101-649	SAH 12 x 98	M10	12	50	10
B101-655	SAH 12 x 126	M10	12	80	10
B101-751	SAH 16 x 108	M12	16	55	10
B101-758	SAH 16 x 142	M12	16	90	10

#### • Loose Bolt Sleeve Anchors - Type SA - LB

ORDER CODE	SIZE REF				
B121-530	SA-LB 10 x 60	M8	10	15	50
B121-537	SA-LB 10 x 75	M8	10	35	50
B121-635	SA-LB 12 x 70	M10	12	25	25
B121-650	SA-LB 12 x 100	M10	12	44	25

#### • Countersunk Sleeve Anchors - Type SAC

ORDER CODE	SIZE REF				
B161-326	SAC 6.5 x 53	M5	6.5	25	100
B161-340	SAC 6.5 x 80	M5	6.5	46	100



**For guidance on choosing expanding anchors see index page viii at the front of the catalogue**



### • Loose Bolt Shield Anchors - Type LB

ORDER CODE	SIZE REF					QTY
B201-305	M610LB	M6	12	10	50	50
B201-312	M625LB	M6	12	25	50	50
B201-320	M640LB	M6	12	40	50	50
B201-405	M810LB	M8	14	10	55	50
B201-412	M825LB	M8	14	25	55	50
B201-420	M840LB	M8	14	40	55	50
B201-505	M1010LB	M10	16	10	65	50
B201-512	M1025LB	M10	16	25	65	50
B201-525	M1050LB	M10	16	50	65	50
B201-537	M1075LB	M10	16	75	65	50
B201-605	M1210LB	M12	20	10	85	25
B201-612	M1225LB	M12	20	25	85	25
B201-620	M1240LB	M12	20	40	85	25
B201-630	M1260LB	M12	20	60	85	25
B201-707	M1615LB	M16	25	15	125	10
B201-715	M1630LB	M16	25	30	125	10
B201-730	M1660LB	M16	25	60	125	10
B201-830	M2060LB	M20	32	60	140	10
B201-850	M20100LB	M20	32	100	140	10

### • Bolt Projecting Shield Anchors - Type BP

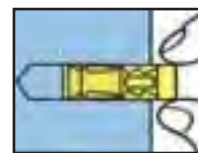
ORDER CODE	SIZE REF					QTY
B221-305	M610BP	M6	12	10	50	50
B221-312	M625BP	M6	12	25	50	50
B221-330	M660BP	M6	12	60	50	50
B221-405	M810BP	M8	14	10	55	50
B221-412	M825BP	M8	14	25	55	50
B221-430	M860BP	M8	14	60	55	50
B221-507	M1015BP	M10	16	15	65	50
B221-515	M1030BP	M10	16	30	65	50
B221-530	M1060BP	M10	16	60	65	50
B221-607	M1215BP	M12	20	15	85	25
B221-615	M1230BP	M12	20	30	85	25
B221-637	M1275BP	M12	20	75	85	25
B221-707	M1615BP	M16	25	15	125	10
B221-717	M1635BP	M16	25	35	125	10
B221-737	M1675BP	M16	25	75	125	10



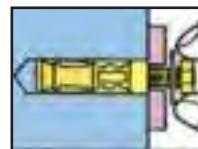
Installation of Loose Bolt Anchor



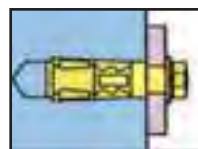
1 Drill hole to required diameter and depth. Remove debris. N.B. When fixing into brickwork, mortar joint should be avoided.



2 Insert shield in hole and place fixture in position.



3 Insert the Loose Bolt.



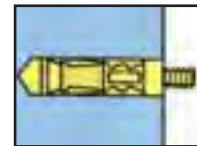
4 Tighten to recommended torque.



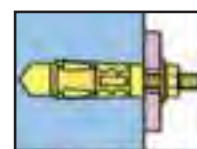
Installation of Bolt Projecting Anchor Size



1 Drill hole to required diameter and depth. Remove debris. N.B. When fixing into brickwork, mortar joint should be avoided.



2 Insert the Bolt.



3 Position fixture over Bolt. Tighten to recommended torque.

For further technical information request the latest Specification and Design guide.

Competitive trade prices on all products






The maximum recommended bolt sizes for typical base materials are:




MATERIAL	BOLT SIZE
Common Brickwork	M10
Engineering Brickwork	M16
Lightweight Concrete	M16
Structural Concrete	M24






### Shield Anchors - Shields Only

ORDER CODE	SIZE REF			
B251-300	M6S	12	50	100
B251-400	M8S	14	55	100
B251-500	M10S	16	65	100
B251-600	M12S	20	85	50

### Hook Shield Anchors

ORDER CODE	SIZE REF			
B261-300	M6H	12	50	100
B261-400	M8H	14	55	50
B261-500	M10H	16	65	50
B261-600	M12H	20	85	25

### Eye Shield Anchors

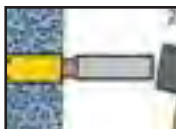
ORDER CODE	SIZE REF			
B271-300	M6E	12	50	100
B271-400	M8E	14	55	50
B271-500	M10E	16	65	50
B271-600	M12E	20	85	25

**For guidance on choosing expanding anchors see index page viii at the front of the catalogue**

#### Installation



1 Drill hole of recommended diameter and depth. Remove spoil. - See dust removal tools page 23



2 Insert anchor into hole. Hammer wedge with setting tool.






3 Place fixture in position, insert bolt and tighten.






### BZP Wedge Anchors

An internally threaded fixing for use in concrete (not suitable for brick or block). Accepts metric threaded bolts or studding. Use in dry conditions. Set anchors with tools shown below for an assured fixing.

ORDER CODE	SIZE REF		INT THREAD LENGTH		
B301-300	WAM6	M6	11mm	8	100
B301-400	WAM8	M8	13mm	10	100
B301-500	WAM10	M10	15mm	12	100
B301-600	WAM12	M12	20mm	15	50
B301-700	WAM16	M16	25mm	20	25
B301-800	WAM20	M20	35mm	25	25

### Stainless Steel Wedge Anchors

An internally threaded fixing for use in concrete. Accepts metric threaded bolts or studding. Use in internal or external conditions including direct urban climatic exposure. Set anchor with tools shown below for an assured fixing.




ORDER CODE	SIZE REF		INT THREAD LENGTH		
B311-300	WAM6/SS	M6	11mm	8	100
B311-400	WAM8/SS	M8	13mm	10	100
B311-500	WAM10/SS	M10	15mm	12	50
B311-600	WAM12/SS	M12	20mm	15	50
B311-700	WAM16/SS	M16	25mm	20	25



### • BZP Lipped Wedge Anchors


The lipped wedge anchor provides an easy to install internally threaded fixing for use in concrete. Ideal for use in the suspension of building services from concrete ceilings. This product can in certain instances be used in hollow slab concrete ceilings, please phone our technical department for more information and advice.

The fixings should be set using the correct setting tool for an assured fixing.

ORDER CODE	SIZE REF			
B313-300	LWA M6	M6	8	100
B313-400	LWA M8	M8	10	100
B313-500	LWA M10	M10	12	100
B313-600	LWA M12	M12	15	50




### • Setting Tools

The WAST setting tool is simply hammered to set the anchor. The WSD tool is used in conjunction with a SDS hammer drill and is ideal where there are large numbers of anchors to install.

ORDER CODE	SIZE REF	DESCRIPTION	
B321-300	WAST 6	Manual Setting Tool	1
B321-400	WAST 8	Manual Setting Tool	1
B321-500	WAST 10	Manual Setting Tool	1
B321-600	WAST 12	Manual Setting Tool	1
B321-700	WAST 16	Manual Setting Tool	1
B321-800	WAST 20	Manual Setting Tool	1
B322-300	WSDS 6	SDS Setting Tool	1
B322-400	WSDS 8	SDS Setting Tool	1
B322-500	WSDS 10	SDS Setting Tool	1
B322-600	WSDS 12	SDS Setting Tool	1
B322-700	WSDS 16	SDS Setting Tool	1
B322-800	WSDS 20	SDS Setting Tool	1

### • FHY Fischer Hollow-Ceiling Fixing

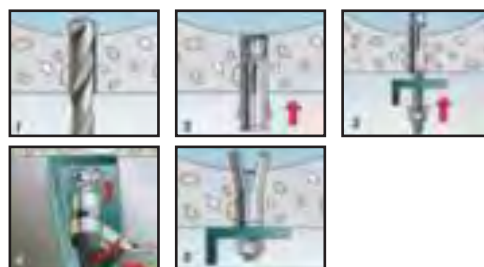
The FHY anchor has been developed specially for fastenings in hollow-ceiling slabs of pre-stressed concrete. The FHY can be used in slabs with a thickness greater than 25mm and of concrete strength B55. Can be used with bolts or threaded rods for suspending a variety of products and gives high load-bearing capacity. Please call technical department for loading details.

ORDER CODE	SIZE REF			
B331-300	FHY M6	M6	10	50
B331-400	FHY M8	M8	12	25
B331-500	FHY M10	M10	16	20

**For Drill Bits see page 193**



■ Permissible attachment points



### Heavy Duty Anchors

Heavy Duty are high performance through fixing anchors for concrete, providing maximum reliability in safety critical applications, even when concrete is cracked.

Features:-

High tensile grade 8.8 bolt.

Bolt size, drill size and minimum embedment depth indicator are marked on the anchor, therefore simplifying installation.

Integral controlled collapse and anti-rotation feature ensures fixture is firmly secured.

Balanced expansion guarantees maximum load-bearing in all situations.

Maximum strength and integrity even in fire conditions.



### • Loose Bolt Heavy Duty Anchors

ORDER CODE	SIZE REF					QTY
B351-445	M8 x 90	15	12	80	120	50
B351-452	M8 x 110	40	12	80	120	50
B351-551	M10 x 105	20	15	90	140	50
B351-554	M10 x 120	40	15	90	140	50
B351-558	M10 x 140	60	15	90	140	50
B351-654	M12 x 120	25	18	105	160	25
B351-660	M12 x 150	50	18	105	160	25
B351-759	M16 x 145	25	24	125	200	10
B351-764	M16 x 170	50	24	125	200	10
B351-865	M20 x 175	30	28	155	240	10

### • Limited Embedment Range (Reduced Load Performance)

ORDER CODE	SIZE REF					QTY
B361-440	M8 x 80	25	12	55	100	50
B361-545	M10 x 90	25	15	70	110	50
B361-650	M12 x 100	25	18	85	130	25
B361-756	M16 x 130	30	24	100	165	10

### • Bolt Projecting Heavy Duty Anchors

ORDER CODE	SIZE REF					QTY
B381-447	M8 x 95	15	12	80	120	50
B381-552	M10 x 110	20	15	90	140	50
B381-657	M12 x 135	25	18	105	160	25
B381-662	M12 x 160	50	18	105	160	25
B381-762	M16 x 160	25	24	125	200	10
B381-868	M20 x 185	30	28	155	240	10

### • Countersunk Loose Bolt SafetyPlus Anchors

ORDER CODE	SIZE REF		HEAD DIA				QTY
B391-445	M8 x 90	20	20	12	80	120	50
B391-551	M10 x 105	25	25	15	90	140	50
B391-655	M12 x 125	30	30	18	105	160	25
B391-759	M16 x 145	30	36	24	125	200	10



# Anchor & Chemical Fixings

## MSA - Multi-Substrate Anchors

2

The MSA Multi-Substrate Anchor is a new concept in fixing technology. It provides the construction profession with the following benefits!

- Self tapping multi-substrate anchor
- Thread provides safe anchorage over full embedment of anchor
- Threaded anchorage is not subject to expansion pressure and maintains its fix without preload
- No expansion gives close to edge fixing ability
- One piece fixing for ease of installation and reduced cost
- Uses standard drill sizes



1 Drill hole in substrate using correct drill diameter.



2 Clean any debris.



3 Screw anchor into the hole using a full hexagon socket spanner ensuring not to apply excessive torque.



**For Countersunk version see page 3**



### • MSA Anchor Hex Flange Head ZYP

ORDER CODE	SIZE REF			QTY
B431-325	6 x 50	20	6	100
B431-337	6 x 75	40	6	100
B431-350	6 x 100	60	6	100
B431-356	6 x 130	90	6	100
B431-360	6 x 150	100	6	100



### • MSA Anchor Hex Head ZYP

ORDER CODE	SIZE REF			QTY
B461-430	8 x 60	20	8	100
B461-437	8 x 75	35	8	100
B461-450	8 x 100	60	8	100
B461-537	10 x 75	25	10	50
B461-550	10 x 100	50	10	50
B461-560	10 x 150	100	10	25
B461-637	12 x 75	15	12	50
B461-650	12 x 100	40	12	50
B461-656	12 x 130	70	12	25
B461-660	12 x 150	90	12	20
B461-670	12 x 200	140	12	20
B461-750	16 x 100	20	16	10
B461-760	16 x 150	70	16	10
B461-770	16 x 200	120	16	10



### • MSA Eye Anchor

ORDER CODE	SIZE REF		QTY
B462-325	6 x 50	6	50



Other sizes available.  
Please enquire.



The CSA Concrete Screw Anchor cuts threads into concrete, brick and hollow block - engineered for performance.



Major Benefits :

- Speed of installation
- Fireproof
- No spalling
- Low installed cost
- Operator safety



A Fixture

B Anchor Embedment (25mm min)

C Additional Hole Depth (6mm min)

A+B = Anchor length

B+C = Length of drilled hole in masonry

Note: In calculating 'A' allowance for any packing must be taken into account when selecting anchor length.

### Code System for easy ordering

CSA-H = HEX HEAD - HEX / PHILLIPS / SLOTTED DRIVE\*

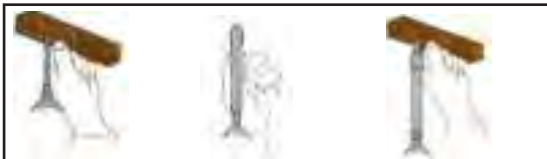
CSA-F = CSK HEAD - PHILLIPS DRIVE\*



**Contact our technical department for loading information**



### Installation Details



1 Drill hole.

2 Click on the drive sleeve.

3 Drive CSA home.



\* Phillips is a registered Trademark of Phillips Screw Company

## CSA - Concrete Screw Anchors

### • 4.8mm Diameter Anchor Range

ORDER CODE	SIZE REF	HEAD STYLE	QTY
B501-316	CSA-F 4.8 x 32	CSK	100
B501-322	CSA-F 4.8 x 45	CSK	100
B501-328	CSA-F 4.8 x 57	CSK	100
B501-335	CSA-F 4.8 x 70	CSK	100
B501-341	CSA-F 4.8 x 82	CSK	100
B501-350	CSA-F 4.8 x 100	CSK	100
B511-316	CSA-H 4.8 x 32	HEX	100
B511-322	CSA-H 4.8 x 45	HEX	100
B511-328	CSA-H 4.8 x 57	HEX	100

### • 6.3mm Diameter Anchor Range

ORDER CODE	SIZE REF	HEAD STYLE	QTY
B521-416	CSA-F 6.3 x 32	CSK	100
B521-422	CSA-F 6.3 x 45	CSK	100
B521-428	CSA-F 6.3 x 57	CSK	100
B521-435	CSA-F 6.3 x 70	CSK	100
B521-441	CSA-F 6.3 x 82	CSK	100
B521-450	CSA-F 6.3 x 100	CSK	100
B521-455	CSA-F 6.3 x 125	CSK	100
B531-416	CSA-H 6.3 x 32	HEX	100
B531-422	CSA-H 6.3 x 45	HEX	100
B531-428	CSA-H 6.3 x 57	HEX	100
B531-435	CSA-H 6.3 x 70	HEX	100
B531-441	CSA-H 6.3 x 82	HEX	100

### • Installation Tools

The Concrete Screw Anchor Kit includes all tools necessary to drive 4.8mm and 6.3mm diameter, hexagon head and flat head anchors up to 100mm long.

ORDER CODE	SIZE REF	QTY
B551-100	CSA Installation kit	1

### • CSA - Standard Drill Bits

There is one free standard drill bit supplied in every box of 100 Concrete Screw Anchors but with certain hard materials extra drill bits may be required as listed below.

ORDER CODE	SIZE REF	TO SUIT CSA ANCHOR LENGTHS mm	QTY
B561-352	4.8 x 110	110	32,45,57,70
B561-358	4.8 x 140	140	82, 100
B561-452	6.3 x 110	110	32,45,57,70
B561-458	6.3 x 140	140	82,100
B561-463	6.3 x 165	165	125




### • CSA - SDS Drill Bits

ORDER CODE	SIZE REF	TO SUIT CSA ANCHOR LENGTHS mm	QTY
B581-366	SD 4.8 x 180	180	Up to 100
B581-466	SD 6.3 x 180	180	Up to 100
B581-470	SD 6.3 x 205	205	Up to 125

### • R-CAS Chemical Anchor Capsule

A high performance anchor system which chemically bonds a fixing stud to the base material without expansion stresses allowing closer centre to centre and edge distances than with conventional expansion anchors. Full technical and installation details are available on request.

For compatible studs see page 20

ORDER CODE	SIZE REF			
B601-008	R-CAS M8	10	80	10
B601-010	R-CAS M10	12	90	10
B601-012	R-CAS M12	14	95	10
B601-016	R-CAS M16	18	95	10
B601-020	R-CAS M20	25	170	6
B601-024	R-CAS M24	28	210	6

#### Approx. Curing Times




TEMP°C	SETTING TIME	FULL CURING TIME
-5-0	5 hours	15 hours
0-5	2 hours	6 hours
5-10	1 hour	3 hours
10-20	20 mins	1 hour
20+	10 mins	30 mins

### • R-HAC Chemical Anchor Capsule

Hammer-in resin capsule for fast installation and stress-free fixing. Can also be used in damp conditions. N.B. Hammer-in capsules can only be used in conjunction with flat ended studs. Chisel pointed studs cannot be used as it does not mix the resin correctly. Can also be used with reinforcing bar.

For studding see page 94

For compatible flat end studs to suit see page 20

ORDER CODE	SIZE REF			
B611-008	R-HAC M8	10	80	10
B611-010	R-HAC M10	12	90	10
B611-012	R-HAC M12	14	110	10
B611-016	R-HAC M16	18	125	10
B611-020	R-HAC M20	25	170	6
B611-024	R-HAC M24	28	210	6
B611-030	R-HAC M30	35	280	6

#### Approx. Curing Times Wet/Dry Substrate

TEMP °C	SETTING TIME DRY	FULL CURING DRY	SETTING TIME WET	FULL CURING WET
0 - 9	5 hours	15 hours	10 hours	30 hours
10 - 20	2 hours	6 hours	4 hours	12 hours
20+	1 hour	3 hours	2 hours	6 hours



**For Hole Cleaning Accessories see page 23**



#### Basic Installation Technique



1 Drill hole to required diameter & depth. **Do not overdrill.**



2 Clear out all debris thoroughly.



3 Insert the capsule into the hole.



4 Attach the drive unit to the stud and drive the stud steadily into the capsule using a rotary hammer drill. Stop as soon as the bottom is reached to prevent over-mixing.



5 Allow anchor to set for manufacturer's recommended setting time then position fixture in place and tighten to recommended torque.



#### Basic Installation Technique



1 Drill hole to required diameter & depth. **Do not overdrill.**



2 Clear out all debris thoroughly.



3 Insert the capsule into the hole.



4 Using a hammer, hammer in rebar or threaded rod. Leave rod/ rebar undisturbed until resin has set. For sizes M16 and above an electric hammer drill with rotation stop must be used.




5 Position fixture in place and tighten to recommended torque.


### Chisel Point Chemical Anchor Studs

These chisel point chemical anchor studs are designed for use with Chemical Capsules and pump-in resins. Sizes up to M16 are supplied with a basic drive unit in each box. **For larger sizes see SDU 20 & 24 on this page.**

#### • BZP Studs, Nuts & Washers

ORDER CODE	SIZE REF		QTY
B631-452	M8 x 110	17	10
B631-556	M10 x 130	28	10
B631-662	M12 x 160	36	10
B631-768	M16 x 190	42	10
B631-876	M20 x 260	72	6
B631-945	M24 x 295	90	6

#### • A2 Stainless Steel Studs, Nuts & Washers

ORDER CODE	SIZE REF		QTY
B651-452	M8 x 110	17	10
B651-556	M10 x 130	28	10
B651-662	M12 x 160	36	10
B651-768	M16 x 190	42	10
B651-874	M20 x 240	72	6
B651-945	M24 x 295	90	6

#### • Flat Ended Chemical Anchor Studs

These flat ended studs are designed for use with pump-in resins or R-HAC hammer-in capsules. Can be cut on site to shorter lengths if necessary. They are supplied complete with nuts and washers in BZP finish. **See also cut studs page 94.**

#### • BZP - Studs, Nuts & Washers

ORDER CODE	SIZE REF	QTY
B671-572	M10 x 225	10
B671-672	M12 x 225	10
B671-772	M16 x 225	10

#### • Chemical Anchor Sockets

For use with chemical anchor capsules or pump in resins to provide an internal threaded socket into a solid substrate.

ORDER CODE	SIZE REF	USE CAPSULE	QTY
B681-337	M6 x 75	R-CAS M10	10
B681-437	M8 x 75	R-CAS M12	10
B681-537	M10 x 75	R-CAS M16	10
B681-650	M12 x 100	R-CAS M20	6
B681-755	M16 x 125	R-CAS M24	6

#### • Chemical Anchor Drive Units

ORDER CODE	SIZE REF		QTY
B691-120	SDU20	M20	1
B691-124	SDU24	M24	1



### Pump-In Resins

Over recent years the use and applications for pump-in resins has grown considerably. A wide range of resins has been introduced for specific applications or conditions.

Engineers and contractors have seen the benefit of resin anchors in offering stress free fixings that can be installed closer together and nearer the edges and at varying embedment depths. The following resins should provide the answers to most fixing applications or requirements. However, should you have any queries regarding this we will be glad to assist you. Please enquire for load performance or further technical information relating to these products.



### Resin Comparison Table (see following page for resin types)

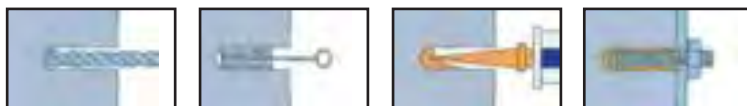
Approximate Number of Fixings per Cartridge (Solid Substrate)										
STUD SIZE	HOLE DIA. (MM)	HOLE DEPTH (MM)	NO. OF HOLES PRS	NO. OF HOLES PRM	NO. OF HOLES EAR	NO. OF HOLES SFR	NO. OF HOLES HPER	NO. OF HOLES FISV 360	NO. OF HOLES HPER	NO. OF HOLES FISV 360
M8	10	80	84	20	84	66	88			
M10	12	90	61	15	61	48	64			
M12	14	110	42	10	42	33	44			
M16	18	125	28	5	28	22	29			
M20	24	145	9.5	2	7	6	8			
M24	28	180	6.46	1	6	5	5			

Curing Times / mins										
TEMP °C	PR		EAR		SFR		HPER		FISV 360	
	GEL TIME	CURE TIME	GEL TIME	CURE TIME	GEL TIME	CURE TIME	GEL TIME	CURE TIME	GEL TIME	CURE TIME
30	4	30	3	20	3	25	30	4 hours	4	30
25	7	60	5	30	7	50	40	5 hours	5	45
15	15	120	10	60	22	150	50	7 hours	-	-
5	30	180	20	120	30	200	75	10 hours	13	90

Full loadings, spacing details and technical information is available from our technical department.

#### Installation Procedure - Solid Substrate (for hollow substrates see page 23)



- 1 Drill hole to correct diameter and depth for stud size being used.
- 2 Thoroughly clean hole - 3 brushes, 3 blows, with air pump. See page 23.
- 3 Remove protective end cap and plug. Insert cartridge into cartridge gun and attach nozzle. Dispense to waste, until even colour then pump into hole.
- 4 Insert stud or socket with a twisting action. Leave the anchor undisturbed until the resin has set and then attach fixture.

### PR Polyester Resin

PRS polyester resin is a 380ml mix in the nozzle system providing a stress-free fixing method in solid and hollow structures.

PRM resin is the same product as PRS but comes in a 150ml Cartridge for use in a standard 10" mastic gun.

ORDER CODE	SIZE REF	QTY
B701-110	PRS 380ml Cartridge c/w 1 nozzle	1
B701-120	PRM 150ml Cartridge c/w 1 nozzle	1

See page 23 for Application Guns, Nozzles and Accessories.

See page 20 for Studs

See page 90 for Skeleton Gun for PRS



Gun NOT supplied  
see page 23



### • EAR - Epoxy Acrylate Resin

Rawl R-KEA epoxy acrylate resin offers higher load performance than polyester resin systems, with shorter gel times and improved chemical resistance.

**EAR is suitable for solid structures only.**

See page 21 for approximate number of fixings per cartridge and cure times.

ORDER CODE	SIZE REF	QTY
B711-210	EAR 380ml Cartridge c/w 1 nozzle	1



### • HPER - High Performance Epoxy Resin

HPER is a high performance two component structural epoxy resin system. The pure epoxy resin is odourless and solvent free and is supplied in a 400ml cartridge. HPER is suitable for anchoring threaded rod and reinforcing bars into concrete and other solid or hollow structures. This product can be used in permanently damp conditions and gives the highest load performance of the cartridge resin systems. Ideal for fixing in swimming pools or marine applications.

See page 21 for approximate number of fixings per cartridge and cure times.

ORDER CODE	SIZE REF	QTY
B721-310	R-KEX 400ml Cartridge c/w 1 nozzle	1



**For spare mixer nozzle see page 23**



### • SFR - Styrene Free Resin

Is a high performance, styrene free system that is suitable for use in concrete, and other solid or hollow masonry structures. This makes it ideal for applications where conventional expansion anchors present problems. SFR fits most standard silicone guns.

See page 21 for approximate number of fixings per cartridge and cure times.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
B721-410	R-KEM	300ml Cartridge c/w 1 nozzle	1



### • FIS-V 360S Fischer Injection Resin

The Fischer FIS-V 360S is a styrene free, quick setting, high quality hybrid resin mortar. It is ideally suited to solid materials and, with sleeves, into hollow structures. FIS-V is unaffected by alkalines in concrete, has high temperature resistance, and does not shrink or deteriorate in bond strength.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
B731-360	FIS-V 360S	Fischer Injection Resin c/w 1 nozzle	1

# Anchor & Chemical Fixings

## Chemical Anchor Sleeves & Accs.

2

### • Injection Anchor Sleeves

Mesh Sleeves are for use where voids are encountered in the base material such as hollow blocks or bricks with voids. The mesh sleeve controls the flow of resin and ensures a satisfactory bond to the substrate.

ORDER CODE	SIZE REF			QTY
B741-442	11 x 85	M6/M8	12	10
B741-547	15 x 95	M10	16	10
B741-570	15 x 200	M10	16	10
B741-647	17 x 95	M12	18	10
B741-670	17 x 200	M12	18	10
B741-770	21 x 200	M16	22	10

#### Installation Procedure



1 Drill hole to correct diameter and depth for stud size being used. Thoroughly clean hole using brush or air.



2 Fit sleeve for hollow blockwork and brickwork.



3 Position cartridge in gun and lightly engage by pulling trigger. Dispense to waste until an even colour. Pump in resin to fill sleeve, withdrawing nozzle whilst pumping.



4 Insert stud or socket with a twisting action. Leave the anchor undisturbed until the resin has cured and then attach fixture.



See page 90 for Skeleton Guns

### • Resin Applicator Guns, Nozzles etc.

ORDER CODE	SIZE REF	TO SUIT	QTY
B751-105	PEG380	Gun for PRS/EAR Cartridges	1
B751-110	KEXG	Gun for HPER Cartridges	1
B751-115	FISAK	Fischer Application Gun for FIS V 360S	1
B751-205	PEN380	Spare mixer nozzle for PRES, SFR, EAR and PRM Cartridges	1
B751-305	EXT-N	Ext. nozzle for brick tie application	1



### • Hole Cleaning Accessories

Efficient hole cleaning is essential to the integrity of all concrete anchors. Our range of hole cleaning accessories covers these requirements.

ORDER CODE	SIZE REF	TO SUIT	QTY
B751-506	DBRS Dust Brush	10-12mm	1
B751-509	DBRM Dust Brush	14-18mm	1
B751-516	DBRL Dust Brush	20-32mm	1
B751-590	BOP-1 Dust Pump	14-32mm	1



Collect from our large, well stocked counter

23





**There is a wide range of epoxy mortars, self-levelling screeds and floor coatings available. Please enquire with our technical sales staff for these products.**



### ● Pourable Grout

A free flow two-part polyester resin grout, specifically designed and developed for anchoring bolts and dowels into rock, concrete, brickwork and masonry in a vertically downward hole.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
B771-102	2.5 litre	Pourable Grout	1

### ● GP Grout

Exchem GP Grout is non-shrink expanding cementitious grout for underplate grouting etc. Suitable for gap widths of 10-70mm.

This free flowing grout comes in a powder form which is mixed with water creating a grout which can be poured or pumped. One 25kg bag will yield approx 13 litres of mixed grout.

FIXFIRM GP can be used in applications such as underplate grouting, cable duct grouting, grouting of anchor and foundation bolts, forming joints between precast units, gap filling etc.

Technical information is available on request.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
B771-205	25kg	GP Grout	1

#### Useful Information

#### CALCULATION OF RESIN REQUIRED FOR RESIN ANCHOR STUDS:

$$\text{Volume cm}^3 = (D+d) \times (D-d) \times h \times \pi/4$$

where D = diameter of hole in cm, d = diameter of fixing in cm

h = depth of fixing in cm,  $\pi = 3.142$

1000 cm<sup>3</sup> = 1 litre

### ● Crack Stitching System

This system is designed for the stabilisation of cracked masonry. By chasing out the mortar either side of the crack at 300-450mm vertical spacing and grouting in the stainless helical bar with specialist resin the loads causing the cracking are redistributed along the masonry. Further advice and technical information is available. Please contact our sales department for details.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
B801-010	6.0 x 1000mm	Stainless Helical bar	10
B801-015	6.0 x 1500mm	Stainless Helical Bar	10
B801-030	3 litre	CSG - Crack Stitching Grout	1
B801-059	9.5 x 125mm	Stainless Mortar Nozzle*	1

\* For use with our Pointing and Grouting gun see page 247

### ● Helical Remedial Wall Tie - Type HRT

This is an excellent system for the replacement of wall ties, it is quick, requires no resin, minimal dust and making good to do. It is installed by simply drilling a 5.0-6.5mm (depending on the substrate) and driving the tie in using the SDS Fitting Power Driver.

Further sizes and technical details are available; please enquire.

ORDER CODE	SIZE REF	QTY
B821-461	HRT 8.0 x 155	100
B821-464	HRT 8.0 x 170	100
B821-469	HRT 8.0 x 195	100
B821-472	HRT 8.0 x 220	100
B821-474	HRT 8.0 x 245	100
B821-490	HRT-PDA SDS Power Driver	1

### • Helical New Build Cavity Tie - Type HNT

These ties are designed for securing the outer leaf of masonry to the inner skin. The ties are ideal for use on thin joint systems as they overcome the misalignment of mortar beds. Installation is simple, in lightweight block they are just driven in or in bricks and concrete a small pilot hole is drilled and then they are driven in. Further technical information is available on request.

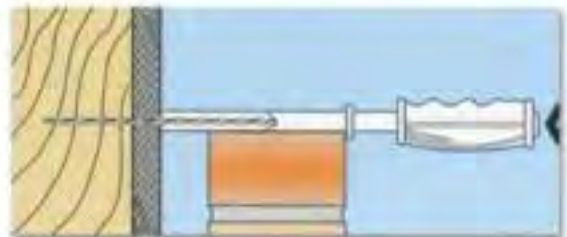
ORDER CODE	SIZE REF	CAVITY WIDTH	QTY
B831-469	HNT 8.0 x 195mm	20-75mm	100
B831-472	HNT 8.0 x 220mm	45-100mm	100
B831-474	HNT 8.0 x 245mm	70-125mm	100
B831-490	Hand Support Tool		1
B831-495	SDS Power Support Tool		1



### • Helical Timber Frame Tie - Type HTT

These ties are designed for quick installation in new timber frame construction. They are simply hammered into the timber stud exactly where required. For further information contact our sales department.

ORDER CODE	SIZE REF	CAVITY WIDTH	QTY
B841-269	HTT 4.5 x 195mm	50mm	100
B841-272	HTT 4.5 x 220mm	75mm	100
B841-274	HTT 4.5 x 245mm	100mm	100
B841-290	Hand Support Tool		1
B841-295	SDS Power Support Tool		1



### • Helical Wall Starter Ties - Type HST

This range of ties is designed for applications where you are adding a new wall or securing a new leaf to an existing one. Installation is simple; you just drill a 6mm pilot hole into the existing wall and drive the tie into it using the hand support tool and a hammer. Further technical information available on request.

ORDER CODE	SIZE REF	QTY
B851-461	HST 8.0 x 155mm	100
B851-464	HST 8.0 x 170mm	100
B851-469	HST 8.0 x 195mm	100
B851-472	HST 8.0 x 220mm	100
B851-490	Hand Support Tool	1
B851-495	SDS Power Support Tool	1





### • Helical Warm Roof Fixing - Type HRF

The HRF warm roof fixing is a stainless steel fixing designed for use in pitched warm roof construction. It is driven in with a hammer or power-driven and twists its way into the material giving very good loadings without compressing insulation.

Using the correct fixing size and length for the job is imperative so please contact our technical department for advice.

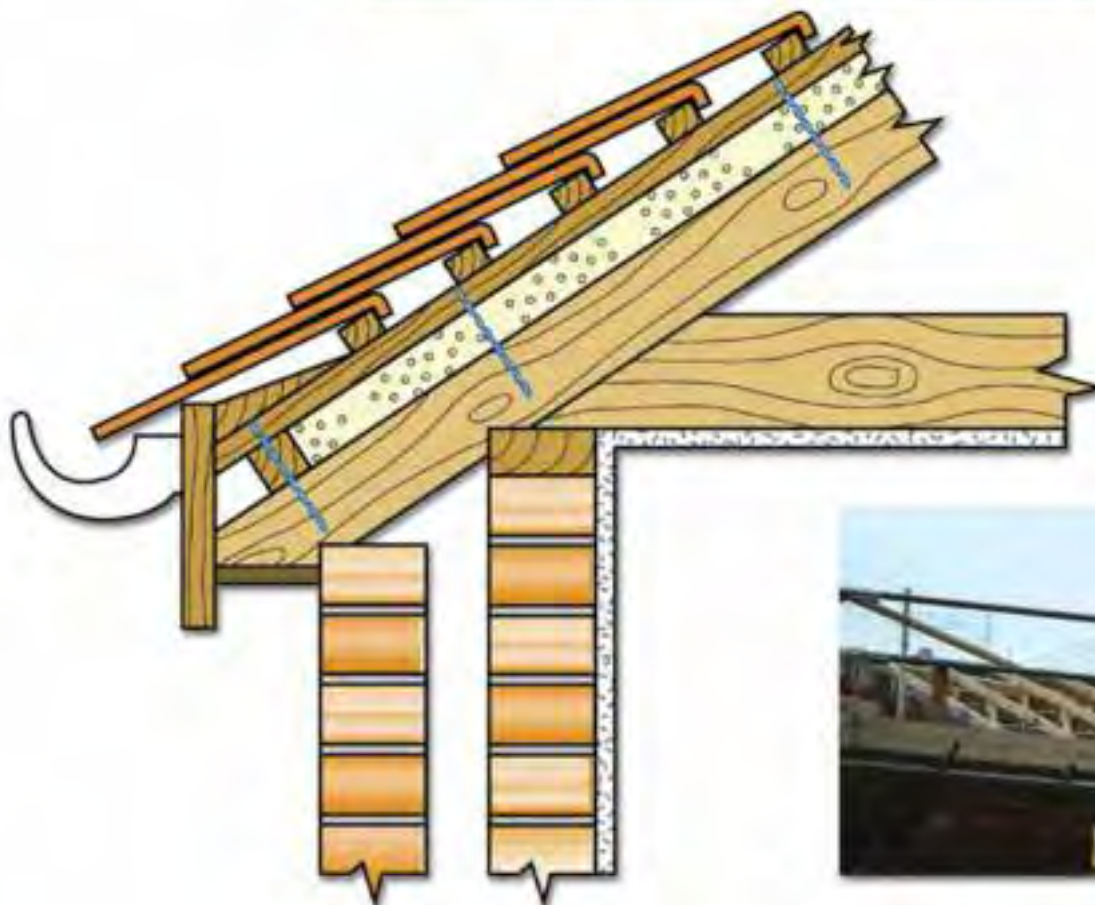
For fixings over 125mm the Hand Support Tool or the Power Driving Tool must be used.

N.B. Popular sizes available from stock others available to order.



ORDER CODE	SIZE REF	QTY
B861-337	HRF 6.0 x 75	500
B861-342	HRF 6.0 x 85	500
B861-345	HRF 6.0 x 90	500
B861-350	HRF 6.0 x 100	500
B861-352	HRF 6.0 x 110	500
B861-353	HRF 6.0 x 115	500
B861-354	HRF 6.0 x 120	500
B861-355	HRF 6.0 x 125	500
B861-356	HRF 6.0 x 130	500
B861-357	HRF 6.0 x 135	500
B861-358	HRF 6.0 x 140	500
B861-360	HRF 6.0 x 150	500
B861-362	HRF 6.0 x 160	500
B861-364	HRF 6.0 x 170	500
B861-366	HRF 6.0 x 180	500
B861-368	HRF 6.0 x 190	500
B861-370	HRF 6.0 x 200	500
B861-371	HRF 6.0 x 210	500

ORDER CODE	SIZE REF	QTY
B861-372	HRF 6.0 x 220	500
B861-455	HRF 8.0 x 125	500
B861-456	HRF 8.0 x 130	500
B861-457	HRF 8.0 x 135	500
B861-458	HRF 8.0 x 140	500
B861-459	HRF 8.0 x 145	500
B861-460	HRF 8.0 x 150	500
B861-462	HRF 8.0 x 160	500
B861-464	HRF 8.0 x 170	500
B861-466	HRF 8.0 x 180	500
B861-468	HRF 8.0 x 190	500
B861-470	HRF 8.0 x 200	500
B861-471	HRF 8.0 x 210	500
B861-472	HRF 8.0 x 220	500
B861-905	HRF Hand Support Tool	1
B861-910	HRF SDS Power Driving Tool	1





# Screws





### ● CX Screws

#### BZP Countersunk Cross-recess Twin-thread Woodscrews

These hardened steel, bright zinc plated woodscrews have a cross-recess drive which is ideal for using with popular power screwdrivers in all trades. The parallel, twin-thread design provides a self centering point with fast positive driving. Due to the volumes produced we are able to provide a cost advantage on this product compared to the slotted version.

ORDER CODE	SIZE REF	QTY
C011-106	4 x 1/2	200
C011-108	4 x 5/8	200
C011-110	4 x 3/4	200
C011-112	4 x 1	200
C011-306	6 x 1/2	200
C011-308	6 x 5/8	200
C011-310	6 x 3/4	200
C011-312	6 x 1	200
C011-316	6 x 1 1/4	200
C011-319	6 x 1 1/2	200
C011-325	6 x 2	200
C011-393	7 x 3/4	200
C011-395	7 x 1	200
C011-396	7 x 1 1/4	200
C011-397	7 x 1 1/2	200
C011-406	8 x 1/2	200
C011-408	8 x 5/8	200
C011-410	8 x 3/4	200
C011-412	8 x 1	200
C011-416	8 x 1 1/4	200
C011-419	8 x 1 1/2	200
C011-422	8 x 1 3/4	200
C011-425	8 x 2	200
C011-427	8 x 2 1/4	200
C011-432	8 x 2 1/2	200
C011-437	8 x 3	200
C011-510	10 x 3/4	200
C011-512	10 x 1	200
C011-516	10 x 1 1/4	200
C011-519	10 x 1 1/2	200
C011-522	10 x 1 3/4	200
C011-525	10 x 2	200
C011-527	10 x 2 1/4	200
C011-532	10 x 2 1/2	200
C011-537	10 x 3	200
C011-545	10 x 3 1/2	100
C011-550	10 x 4	100
C011-616	12 x 1 1/4	200
C011-619	12 x 1 1/2	200
C011-625	12 x 2	200
C011-632	12 x 2 1/2	200
C011-637	12 x 3	200
C011-645	12 x 3 1/2	100
C011-650	12 x 4	100

# Screws

## Woodscrews CXEB, DX, CL

3

### ● CXEB Screws

#### Electro-brassed Cross-recess Twin-thread Countersunk Woodscrews

Finished in a decorative brass plated finish these screws are ideal for use on furniture etc., but will not substitute for brass screws where corrosion protection is required.

ORDER CODE	SIZE REF	QTY
C031-106	4 x 1/2	200
C031-108	4 x 5/8	200

ORDER CODE	SIZE REF	QTY
C031-110	4 x 3/4	200
C031-395	7 x 1	200



### ● DX Screws

#### BZP Dome Head Cross-recess Twin-thread Woodscrews

Having the same fast, positive driving characteristics as the countersunk version these hardened round head cross recessed screws provide a neat finish where the fixture has no provision for a countersink. Ideal for power-screwdriving.

ORDER CODE	SIZE REF	QTY
C041-106	4 x 1/2	200
C041-108	4 x 5/8	200
C041-110	4 x 3/4	200
C041-306	6 x 1/2	200
C041-308	6 x 5/8	200
C041-310	6 x 3/4	200
C041-312	6 x 1	200
C041-316	6 x 1 1/4	200
C041-406	8 x 1/2	200
C041-408	8 x 5/8	200
C041-410	8 x 3/4	200

ORDER CODE	SIZE REF	QTY
C041-412	8 x 1	200
C041-416	8 x 1 1/4	200
C041-419	8 x 1 1/2	200
C041-425	8 x 2	200
C041-512	10 x 1	200
C041-516	10 x 1 1/4	200
C041-519	10 x 1 1/2	200
C041-525	10 x 2	200
C041-532	10 x 2 1/2	200
C041-537	10 x 3	200
C041-619	12 x 1 1/2	200



### ● CL Screws

#### BZP Countersunk Slotted Twin-Thread Woodscrews

With their parallel shank and self centering point these hardened steel, bright zinc plated screws offer an enhanced performance on a traditional slotted screw.

ORDER CODE	SIZE REF	QTY
C051-106	4 x 1/2	200
C051-108	4 x 5/8	200
C051-110	4 x 3/4	200
C051-112	4 x 1	200
C051-306	6 x 1/2	200
C051-308	6 x 5/8	200
C051-310	6 x 3/4	200
C051-312	6 x 1	200
C051-316	6 x 1 1/4	200
C051-319	6 x 1 1/2	200
C051-325	6 x 2	200
C051-395	7 x 1	200
C051-396	7 x 1 1/4	200
C051-397	7 x 1 1/2	200
C051-408	8 x 5/8	200
C051-410	8 x 3/4	200
C051-412	8 x 1	200
C051-416	8 x 1 1/4	200
C051-419	8 x 1 1/2	200
C051-422	8 x 1 3/4	200

ORDER CODE	SIZE REF	QTY
C051-425	8 x 2	200
C051-427	8 x 2 1/4	200
C051-432	8 x 2 1/2	100
C051-437	8 x 3	100
C051-512	10 x 1	200
C051-516	10 x 1 1/4	200
C051-519	10 x 1 1/2	200
C051-522	10 x 1 3/4	200
C051-525	10 x 2	200
C051-532	10 x 2 1/2	200
C051-537	10 x 3	200
C051-545	10 x 3 1/2	100
C051-550	10 x 4	100
C051-616	12 x 1 1/4	200
C051-619	12 x 1 1/2	200
C051-625	12 x 2	200
C051-632	12 x 2 1/2	200
C051-637	12 x 3	200
C051-645	12 x 3 1/2	100
C051-650	12 x 4	100



Screws

Next day delivery Nationwide

29



### DL Screws

#### BZP Dome Head Slotted Twin-Thread Woodscrews

These hardened twinthread screws combine advanced thread technology with a traditional slotted drive style.



ORDER CODE	SIZE REF	QTY
C061-108	4 x 5/8	200
C061-110	4 x 3/4	200
C061-308	6 x 5/8	200
C061-310	6 x 3/4	200
C061-312	6 x 1	200
C061-316	6 x 1 1/4	200
C061-410	8 x 3/4	200
C061-412	8 x 1	200
C061-416	8 x 1 1/4	200

ORDER CODE	SIZE REF	QTY
C061-419	8 x 1 1/2	200
C061-425	8 x 2	200
C061-512	10 x 1	200
C061-516	10 x 1 1/4	200
C061-519	10 x 1 1/2	200
C061-525	10 x 2	200
C061-532	10 x 2 1/2	200
C061-537	10 x 3	200
C061-625	12 x 2	200

### DXBJ Screws

#### Black Japped Dome Head Cross-recess Woodscrews

These Cross-recess round head screws offer a decorative finish against black metal fittings or rustic work.



ORDER CODE	SIZE REF	QTY
C071-310	6 x 3/4	200
C071-312	6 x 1	200
C071-410	8 x 3/4	200
C071-412	8 x 1	200
C071-416	8 x 1 1/4	200
C071-419	8 x 1 1/2	200

ORDER CODE	SIZE REF	QTY
C071-425	8 x 2	200
C071-512	10 x 1	200
C071-516	10 x 1 1/4	200
C071-519	10 x 1 1/2	200
C071-525	10 x 2	200

### DLBJ Screws

#### Black Japped Dome Head Slotted Woodscrews

These slotted round head screws offer a decorative finish against black metal fittings or rustic work.



ORDER CODE	SIZE REF	QTY
C081-310	6 x 3/4	200
C081-312	6 x 1	200
C081-410	8 x 3/4	200
C081-412	8 x 1	200
C081-416	8 x 1 1/4	200
C081-419	8 x 1 1/2	200
C081-425	8 x 2	200

ORDER CODE	SIZE REF	QTY
C081-512	10 x 1	200
C081-516	10 x 1 1/4	200
C081-519	10 x 1 1/2	200
C081-525	10 x 2	200
C081-532	10 x 2 1/2	200
C081-619	12 x 1 1/2	200
C081-625	12 x 2	200

### CXBS Screws

#### Brass Countersunk Cross-recessed Woodscrews



ORDER CODE	SIZE REF	QTY
C111-108	4 x 5/8	200
C111-110	4 x 3/4	200
C111-310	6 x 3/4	200
C111-312	6 x 1	200

ORDER CODE	SIZE REF	QTY
C111-412	8 x 1	200
C111-419	8 x 1 1/2	200
C111-516	10 x 1 1/4	200

## Woodscrews CLBS, RLBS, RLCP, DLBS

### • CLBS Screws

#### Brass Countersunk Slotted Woodscrews

For a high quality decorative finish or in areas around sanitary ware etc., where a level of corrosion protection is needed.

ORDER CODE	SIZE REF	QTY
C151-106	4 x 1/2	200
C151-108	4 x 5/8	200
C151-110	4 x 3/4	200
C151-112	4 x 1	200
C151-210	5 x 3/4	200
C151-306	6 x 1/2	200
C151-308	6 x 5/8	200
C151-310	6 x 3/4	200
C151-312	6 x 1	200
C151-316	6 x 1 1/4	200
C151-319	6 x 1 1/2	200
C151-393	7 x 3/4	200
C151-395	7 x 1	200
C151-396	7 x 1 1/4	200
C151-410	8 x 3/4	200

ORDER CODE	SIZE REF	QTY
C151-412	8 x 1	200
C151-416	8 x 1 1/4	200
C151-419	8 x 1 1/2	200
C151-422	8 x 1 3/4	200
C151-425	8 x 2	200
C151-432	8 x 2 1/2	200
C151-512	10 x 1	200
C151-516	10 x 1 1/4	200
C151-519	10 x 1 1/2	200
C151-525	10 x 2	200
C151-532	10 x 2 1/2	200
C151-537	10 x 3	200
C151-625	12 x 2	200
C151-632	12 x 2 1/2	100
C151-637	12 x 3	100

### • RLBS Screws

#### Brass Raised Countersunk Slotted Woodscrews

High quality brass screws used for door handles etc.

ORDER CODE	SIZE REF	QTY
C161-108	4 x 5/8	200
C161-310	6 x 3/4	200
C161-312	6 x 1	200

ORDER CODE	SIZE REF	QTY
C161-412	8 x 1	200
C161-416	8 x 1 1/4	200

### • RLCP Screws

#### Chrome on Brass Raised Countersunk Slotted Woodscrews

Polished chrome plating on brass woodscrews for kick-plates, door handles etc.

ORDER CODE	SIZE REF	QTY
C171-108	4 x 5/8	200
C171-310	6 x 3/4	200
C171-312	6 x 1	200

ORDER CODE	SIZE REF	QTY
C171-412	8 x 1	200
C171-416	8 x 1 1/4	200

### • DLBS Screws

#### Brass Dome Head Slotted Woodscrews

For a high quality decorative finish or in areas around sanitary ware etc., where a level of corrosion protection is needed.

ORDER CODE	SIZE REF	QTY
C181-106	4 x 1/2	200
C181-108	4 x 5/8	200
C181-306	6 x 1/2	200
C181-310	6 x 3/4	200
C181-312	6 x 1	200
C181-319	6 x 1 1/2	200
C181-410	8 x 3/4	200
C181-412	8 x 1	200
C181-416	8 x 1 1/4	200

ORDER CODE	SIZE REF	QTY
C181-419	8 x 1 1/2	200
C181-425	8 x 2	200
C181-512	10 x 1	200
C181-519	10 x 1 1/2	200
C181-525	10 x 2	200
C181-532	10 x 2 1/2	200
C181-625	12 x 2	100
C181-632	12 x 2 1/2	100



For Screw Cups See Page 36

### • Zipscrews

#### Countersunk Hardened Yellow/Woodscrews

Our most competitive woodscrew range. Zinc & Yellow passivated hardened screws ideal for all joinery and fixing applications.



ORDER CODE	SIZE REF	QTY
C251-206	3.0 x 12	200
C251-208	3.0 x 16	200
C251-210	3.0 x 20	200
C251-212	3.0 x 25	200
C251-215	3.0 x 30	200
C251-306	3.5 x 12	200
C251-308	3.5 x 16	200
C251-310	3.5 x 20	200
C251-312	3.5 x 25	200
C251-315	3.5 x 30	200
C251-317	3.5 x 35	200
C251-320	3.5 x 40	200
C251-325	3.5 x 50	200
C251-408	4.0 x 16	200
C251-410	4.0 x 20	200
C251-412	4.0 x 25	200
C251-415	4.0 x 30	200
C251-417	4.0 x 35	200
C251-420	4.0 x 40	200
C251-422	4.0 x 45	200
C251-425	4.0 x 50	200
C251-430	4.0 x 60	200
C251-435	4.0 x 70	200

ORDER CODE	SIZE REF	QTY
C251-515	4.5 x 30	200
C251-520	4.5 x 40	200
C251-525	4.5 x 50	200
C251-530	4.5 x 60	200
C251-535	4.5 x 70	200
C251-540	4.5 x 80	200
C251-615	5.0 x 30	200
C251-617	5.0 x 35	200
C251-620	5.0 x 40	200
C251-625	5.0 x 50	200
C251-630	5.0 x 60	200
C251-635	5.0 x 70	200
C251-640	5.0 x 80	200
C251-645	5.0 x 90	200
C251-650	5.0 x 100	100
C251-820	6.0 x 40	200
C251-825	6.0 x 50	200
C251-830	6.0 x 60	200
C251-835	6.0 x 70	200
C251-840	6.0 x 80	200
C251-845	6.0 x 90	200
C251-850	6.0 x 100	200

### • Stainless Zipscrews

#### Countersunk Stainless Cross-recess Woodscrews

These A2 Stainless Steel countersunk chipboard screws are ideal for use in exterior applications or in any damp environment. They have sharp points for easy starting and deep cut coarse threads to provide an excellent fix in most timbers.



ORDER CODE	SIZE REF	NEAREST IMPERIAL EQUIVALENT	QTY
C261-310	3.5 x 20	6 x 3/4	200
C261-312	3.5 x 25	6 x 1	200
C261-410	4.0 x 20	8 x 3/4	200
C261-412	4.0 x 25	8 x 1	200
C261-415	4.0 x 30	8 x 1 1/4	200
C261-420	4.0 x 40	8 x 1 1/2	200
C261-425	4.0 x 50	8 x 2	200

ORDER CODE	SIZE REF	NEAREST IMPERIAL EQUIVALENT	QTY
C261-615	5.0 x 30	10 x 1 1/4	200
C261-620	5.0 x 40	10 x 1 1/2	200
C261-625	5.0 x 50	10 x 2	200
C261-630	5.0 x 60	10 x 2 1/2	200
C261-635	5.0 x 70	10 x 2 3/4	200
C261-640	5.0 x 80	10 x 3	200
C261-650	5.0 x 100	10 x 4	200

### • Stainless SDX Screws

#### Dome Head Cross-recess Stainless Woodscrews

These A2 Stainless Steel countersunk chipboard screws are ideal for use in all exterior applications or in any damp environment. They have sharp points for easy starting and deep cut coarse threads to provide an excellent fix in most timbers.



ORDER CODE	SIZE REF	NEAREST IMPERIAL EQUIVALENT	QTY
C271-310	3.5 x 20	6 x 3/4	200
C271-312	3.5 x 25	6 x 1	200
C271-410	4.0 x 20	8 x 3/4	200
C271-412	4.0 x 25	8 x 1	200
C271-415	4.0 x 30	8 x 1 1/4	200
C271-420	4.0 x 40	8 x 1 1/2	200
C271-425	4.0 x 50	8 x 2	200

ORDER CODE	SIZE REF	NEAREST IMPERIAL EQUIVALENT	QTY
C271-615	5.0 x 30	10 x 1 1/4	200
C271-620	5.0 x 40	10 x 1 1/2	200
C271-625	5.0 x 50	10 x 2	200
C271-650	5.0 x 100	10 x 4	200





## Reisser

### • Reisser R2 Countersunk - Recessed (Zinc & Yellow) Industry Packs

HARDENED STEEL, ZINC & YELLOW. TEFLON® LUBRICATED.

Specially hardened steel gives the REISSER R2 screw the recognized tensile and torsional strength. The deep sharply rolled thread and the cylindrical shape prevent splitting and give greater retention. Due to the strength a smaller gauge can be used than with twin thread screws.

The hardened head is manufactured with REISSER - RECESS to grip immediately without spinning, it also means that the screw can be removed easily.

The sharp thread and the sharp point bite instantly. Rough drilling is not necessary.

The REISSER surface finish of REISSER R2 screws provides excellent resistance against corrosion.

The invisible Teflon® coating saves energy and accelerates the screwing-in process.

NO PILOT HOLE REQUIRED



ORDER CODE	SIZE REF	DRY	QTY
<b>H3.0 = Hinge Head (Nearest equivalent to 4g head) suitable for piano hinge</b>			
C301-106	H 3.0 x 12	PZ1	1000
C301-108	H 3.0 x 16	PZ1	1000
C301-110	H 3.0 x 20	PZ1	1000
C301-112	H 3.0 x 25	PZ1	1000
<b>3.0 = Nearest equivalent to 5 gauge</b>			
C301-205	3.0 x 10	PZ1	1000
C301-206	3.0 x 12	PZ1	1000
C301-208	3.0 x 16	PZ1	1000
C301-210	3.0 x 20	PZ1	1000
C301-212	3.0 x 25	PZ1	1000
C301-215	3.0 x 30	PZ1	1000
C301-217	3.0 x 35	PZ1	1000
C301-220	3.0 x 40	PZ1	1000
C301-222	3.0 x 45	PZ1	1000
<b>3.5 = Nearest equivalent to 6 gauge</b>			
C301-306	3.5 x 12	PZ2	1000
C301-308	3.5 x 16	PZ2	1000
C301-310	3.5 x 20	PZ2	1000
C301-312	3.5 x 25	PZ2	1000
C301-315	3.5 x 30	PZ2	1000
C301-317	3.5 x 35	PZ2	1000
C301-320	3.5 x 40	PZ2	1000
C301-322	3.5 x 45	PZ2	1000
C301-325	3.5 x 50	PZ2	500
<b>4.0 = Nearest equivalent to 7 &amp; 8 gauge</b>			
C301-406	4.0 x 12	PZ2	1000
C301-408	4.0 x 16	PZ2	1000
C301-410	4.0 x 20	PZ2	1000
C301-412	4.0 x 25	PZ2	1000
C301-415	4.0 x 30	PZ2	1000
C301-417	4.0 x 35	PZ2	1000
C301-420	4.0 x 40	PZ2	500
C301-422	4.0 x 45	PZ2	500
C301-425	4.0 x 50	PZ2	500
C301-427	4.0 x 55	PZ2	500
C301-430	4.0 x 60	PZ2	500
C301-435	4.0 x 70	PZ2	500
<b>4.5 = Nearest equivalent to 9 gauge</b>			
C301-510	4.5 x 20	PZ2	1000
C301-512	4.5 x 25	PZ2	1000
C301-515	4.5 x 30	PZ2	1000

ORDER CODE	SIZE REF	DRY	QTY
C301-517	4.5 x 35	PZ2	1000
C301-520	4.5 x 40	PZ2	500
C301-522	4.5 x 45	PZ2	500
C301-525	4.5 x 50	PZ2	500
C301-530	4.5 x 60	PZ2	500
C301-535	4.5 x 70	PZ2	500
C301-540	4.5 x 80	PZ2	500
<b>5.0 = Nearest equivalent to 10 gauge</b>			
C301-610	5.0 x 20	PZ2	1000
C301-612	5.0 x 25	PZ2	1000
C301-615	5.0 x 30	PZ2	1000
C301-617	5.0 x 35	PZ2	500
C301-620	5.0 x 40	PZ2	500
C301-622	5.0 x 45	PZ2	500
C301-625	5.0 x 50	PZ2	500
C301-627	5.0 x 55	PZ2	500
C301-630	5.0 x 60	PZ2	500
C301-635	5.0 x 70	PZ2	400
C301-640	5.0 x 80	PZ2	400
C301-645	5.0 x 90	PZ2	400
C301-650	5.0 x 100	PZ2	400
C301-654	5.0 x 120	PZ2	400
<b>6.0 = Nearest equivalent to 12 &amp; 14 gauge</b>			
C301-815	6.0 x 30	PZ3	400
C301-820	6.0 x 40	PZ3	400
C301-825	6.0 x 50	PZ3	500
C301-827	6.0 x 55	PZ3	400
C301-830	6.0 x 60	PZ3	400
C301-835	6.0 x 70	PZ3	400
C301-840	6.0 x 80	PZ3	400
C301-845	6.0 x 90	PZ3	400
C301-850	6.0 x 100	PZ3	400
C301-852	6.0 x 110	PZ3	200
C301-854	6.0 x 120	PZ3	200
C301-856	6.0 x 130	PZ3	200
C301-858	6.0 x 140	PZ3	200
C301-860	6.0 x 150	PZ3	200
C301-866	6.0 x 180	PZ3	200
C301-870	6.0 x 200	PZ3	200



**For Screwdriver Bits and Sets See Pages 219**

● **R2 Countersunk - Recessed (Zinc & Yellow) Craft Packs**

ORDER CODE	SIZE REF	DRV	QTY
H 3.0 = Hinge Head (Nearest equivalent to 4g head)			
C311-106	H 3.0 x 12	PZ1	200
C311-108	H 3.0 x 16	PZ1	200
C311-110	H 3.0 x 20	PZ1	200
C311-112	H 3.0 x 25	PZ1	200
3.0 = Nearest equivalent to 5 gauge			
C311-206	3.0 x 12	PZ1	200
C311-208	3.0 x 16	PZ1	200
C311-210	3.0 x 20	PZ1	200
C311-212	3.0 x 25	PZ1	200
C311-215	3.0 x 30	PZ1	200
3.5 = Nearest equivalent to 6 gauge			
C311-306	3.5 x 12	PZ2	200
C311-308	3.5 x 16	PZ2	200
C311-310	3.5 x 20	PZ2	200
C311-312	3.5 x 25	PZ2	200
C311-315	3.5 x 30	PZ2	200
C311-317	3.5 x 35	PZ2	200
4.0 = Nearest equivalent to 7 & 8 gauge			
C311-406	4.0 x 12	PZ2	200
C311-408	4.0 x 16	PZ2	200
C311-410	4.0 x 20	PZ2	200
C311-412	4.0 x 25	PZ2	200
C311-415	4.0 x 30	PZ2	200
C311-417	4.0 x 35	PZ2	200
C311-420	4.0 x 40	PZ2	200
C311-422	4.0 x 45	PZ2	200
C311-425	4.0 x 50	PZ2	200
C311-427	4.0 x 55	PZ2	200
C311-430	4.0 x 60	PZ2	200
C311-435	4.0 x 70	PZ2	200
4.5 = Nearest equivalent to 9 gauge			
C311-512	4.5 x 25	PZ2	200
C311-515	4.5 x 30	PZ2	200

ORDER CODE	SIZE REF	DRV	QTY
C311-517	4.5 x 35	PZ2	200
C311-520	4.5 x 40	PZ2	200
C311-522	4.5 x 45	PZ2	200
C311-525	4.5 x 50	PZ2	200
C311-530	4.5 x 60	PZ2	200
C311-535	4.5 x 70	PZ2	200
C311-540	4.5 x 80	PZ2	200
5.0 = Nearest equivalent to 10 gauge			
C311-612	5.0 x 25	PZ2	200
C311-615	5.0 x 30	PZ2	200
C311-617	5.0 x 35	PZ2	200
C311-620	5.0 x 40	PZ2	200
C311-622	5.0 x 45	PZ2	200
C311-625	5.0 x 50	PZ2	200
C311-627	5.0 x 55	PZ2	200
C311-630	5.0 x 60	PZ2	200
C311-635	5.0 x 70	PZ2	200
C311-640	5.0 x 80	PZ2	200
C311-645	5.0 x 90	PZ2	200
C311-650	5.0 x 100	PZ2	200
C311-654	5.0 x 120	PZ3	200
6.0 = Nearest equivalent to 12 gauge			
C311-820	6.0 x 40	PZ3	100
C311-825	6.0 x 50	PZ3	100
C311-830	6.0 x 60	PZ3	100
C311-835	6.0 x 70	PZ3	100
C311-840	6.0 x 80	PZ3	100
C311-845	6.0 x 90	PZ3	100
C311-850	6.0 x 100	PZ3	100
C311-852	6.0 x 110	PZ3	100
C311-854	6.0 x 120	PZ3	100
C311-856	6.0 x 130	PZ3	100
C311-858	6.0 x 140	PZ3	100
C311-860	6.0 x 150	PZ3	100

**For larger sizes see Industry Packs on page 33**

**For larger sizes  
see Industry  
Packs on page 33**



## Reisser R2 Pan Head &amp; Cutter Screws

## • R2 Pan Head Screws - (Zinc &amp; Yellow) Craft packs

ORDER CODE	SIZE REF	DRV	QTY
C371-206	3.0 x 12	PZ1	200
C371-208	3.0 x 16	PZ1	200
C371-210	3.0 x 20	PZ1	200
C371-306	3.5 x 12	PZ2	200
C371-308	3.5 x 16	PZ2	200
C371-310	3.5 x 20	PZ2	200
C371-312	3.5 x 25	PZ2	200
C371-315	3.5 x 30	PZ2	200
C371-408	4.0 x 16	PZ2	200
C371-410	4.0 x 20	PZ2	200

ORDER CODE	SIZE REF	DRV	QTY
C371-412	4.0 x 25	PZ2	200
C371-415	4.0 x 30	PZ2	200
C371-420	4.0 x 40	PZ2	200
C371-425	4.0 x 50	PZ2	200
C371-612	5.0 x 25	PZ2	200
C371-615	5.0 x 30	PZ2	200
C371-620	5.0 x 40	PZ2	200
C371-625	5.0 x 50	PZ2	200
C371-630	5.0 x 60	PZ2	200



## • R2 Cutter Screw Self Cutting CSK (Zinc &amp; Yellow) Craft packs

The Reisser R2 Cutter Screw is ideal for working close to the edge of timber and board materials as the cuts on the thread help reduce splitting dramatically.

The ribs and tucks under the head allow the screw to self-countersink flush, this avoids the need for pre-countersinking.



ORDER CODE	SIZE REF	DRV	QTY
C411-308	3.5 x 16	PZ2	200
C411-310	3.5 x 20	PZ2	200
C411-312	3.5 x 25	PZ2	200
C411-315	3.5 x 30	PZ2	200
C411-320	3.5 x 40	PZ2	200
C411-410	4.0 x 20	PZ2	200
C411-412	4.0 x 25	PZ2	200
C411-415	4.0 x 30	PZ2	200
C411-417	4.0 x 35	PZ2	200
C411-420	4.0 x 40	PZ2	200
C411-422	4.0 x 45	PZ2	200
C411-425	4.0 x 50	PZ2	200
C411-430	4.0 x 60	PZ2	200
C411-435	4.0 x 70	PZ2	200

ORDER CODE	SIZE REF	DRV	QTY
C411-515	4.5 x 30	PZ2	200
C411-520	4.5 x 40	PZ2	200
C411-525	4.5 x 50	PZ2	200
C411-530	4.5 x 60	PZ2	200
C411-535	4.5 x 70	PZ2	200
C411-540	4.5 x 80	PZ2	200
C411-620	5.0 x 40	PZ2	200
C411-625	5.0 x 50	PZ2	200
C411-630	5.0 x 60	PZ2	200
C411-635	5.0 x 70	PZ2	200
C411-640	5.0 x 80	PZ2	200
C411-650	5.0 x 100	PZ2	200







### • Surface Screw Cups

#### Electro-Brass Steel Surface Screw Cup

ORDER CODE	SIZE REF	QTY
C501-814	4.0 (8g)	4000

ORDER CODE	SIZE REF	QTY
C501-816	5.0 (10g)	4000



### • Brass Surface Screw Cup

ORDER CODE	SIZE REF	QTY
C501-922	3.0 (4-5g)	500
C501-923	3.5 (6g)	500
C501-924	4.0 (7-8g)	500

ORDER CODE	SIZE REF	QTY
C501-926	5.0 (9-10g)	500
C501-928	6.0 (12g)	500



### • Nickel Plated Surface Screw Cup

ORDER CODE	SIZE REF	QTY
C501-932	3.0 (4-5g)	500
C501-933	3.5 (6g)	500
C501-934	4.0 (7-8g)	500

ORDER CODE	SIZE REF	QTY
C501-936	5.0 (9-10g)	500
C501-938	6.0 (12g)	500



### • Stainless Steel Surface Screw Cups

ORDER CODE	SIZE REF	QTY
C501-943	3.5 (6g)	200
C501-944	4.0 (7-8g)	200

ORDER CODE	SIZE REF	QTY
C501-946	5.0 (9-10g)	200



### • Brass Turned Screw Cups

ORDER CODE	SIZE REF	QTY
C511-923	3.5 (6g)	200
C511-924	4.0 (8g)	200
C511-925	5.0 (10g)	200

ORDER CODE	SIZE REF	QTY
C511-926	6.0 (12g)	200
C511-927	6.0 (14g)	200



### • Plastidome Cover Caps

Low Profile Plastidomes provide a decorative and protective cap for use with 6g and 8g woodscrews and other fasteners. Includes both cap and washer.

ORDER CODE	SIZE REF	QTY
C531-405	White 3.5 - 4.0 (6-8g)	100
C531-409	Black 3.5 - 4.0 (6-8g)	100

ORDER CODE	SIZE REF	QTY
C531-477	Teak Brown 3.5 - 4.0 (6-8g)	100
C531-480	Chromium 3.5 - 4.0 (6-8g)	100



### • No. 64 Unicap for up to 12g screws

ORDER CODE	SIZE REF	QTY
C531-605	White	100

ORDER CODE	SIZE REF	QTY
C531-650	Grey	100



### • Hinged Cover Caps

These cover caps are very useful as unlike the plastidomes the caps are securely attached to the washer.

ORDER CODE	SIZE REF	QTY
C541-405	3.5 - 4.0 (6-8g) White	1000

ORDER CODE	SIZE REF	QTY
C541-605	5.0 - 6.0 (10-12g) White	1000

### Hole Covers

Hole cover 13mm dia. Fits flush into 10mm drilled holes.

ORDER CODE	SIZE REF		QTY
C561-505	10mm hole	White ○	1000

ORDER CODE	SIZE REF		QTY
C561-540	10mm hole	Brown ●	1000

### Cover Caps for Cross-recess Screws

These quality caps give a good choice of colours to complement most finished surfaces and timbers.

ORDER CODE	RAL COLOUR NUMBER	DRY		QTY
C571-205	9010	No.2 PZD	White ○	200
C571-207	-	No.2 PZD	Magnolia ●	200
C571-209	9005	No.2 PZD	Black ●	200
C571-241	8001	No.2 PZD	Light Brown ●	200
C571-242	8007	No.2 PZD	Mid Brown ●	200
C571-243	8011	No.2 PZD	Dark Brown ●	200
C571-244	1011	No.2 PZD	Beige ●	200
C571-251	7035	No.2 PZD	Light Grey ●	200
C571-253	7011	No.2 PZD	Dark Grey ●	200
C571-277	8003	No.2 PZD	Teak ●	200
C571-305	9010	No.3 PZD	White ○	100
C571-405	9010	No.4 PZD	White ○	100

### TZD Cover Caps

For use with MFS-Masonry Frame Screw on page 3

ORDER CODE	SIZE REF		QTY
C581-505	TZD 30	White ○	100

ORDER CODE	SIZE REF		QTY
C581-540	TZD 30	Dark Brown ●	100

### Unicap Bolt Caps

Bolt and nut protection caps. Improving the finished appearance of your product. White polyethylene.

ORDER CODE	SIZE REF	QTY
C591-053	M6	100
C591-054	M8	100
C591-055	M10	100

ORDER CODE	SIZE REF	QTY
C591-056	M12	100
C591-057	M16	100

### Chrome Dome Mirror Screws

Brass Countersunk Head Woodscrews with Chromium Plated Polished Brass Dome Tops.

ORDER CODE	SIZE REF	QTY
C601-412	8 x 1	200
C601-416	8 x 1 1/4	200

ORDER CODE	SIZE REF	QTY
C601-419	8 x 1 1/2	200
C601-425	8 x 2	200

### Top Hat Sleeves for Mirror Screws

For use in conjunction with 8g mirror screws to minimise risk of breaking the glass.

ORDER CODE	SIZE REF	QTY
C601-904	8g Top Hat Sleeve	200

ORDER CODE	SIZE REF	QTY

### Polytop Pins & Nails

Hammered in like nails these stainless steel plastic headed nails and pins provide a very fast fixing for large boards, fascia boards, soffitt etc., in fact any ready finished material. Stocked in white - other colours available to special order.

ORDER CODE	SIZE REF		QTY
C651-044	25 x 1.9mm	Pins	250
C651-054	30 x 1.9mm	Pins	250
C651-064	40 x 1.9mm	Pins	250

ORDER CODE	SIZE REF		QTY
C651-204	40 x 3.3mm	Nails	100
C651-254	50 x 3.3mm	Nails	100

### • BZP Hexagon Head Coachscrews

Primarily used for timber to timber joining but also very useful in conjunction with our nylon wall plugs and long expansion plugs for a versatile, simple and strong fixing.



**For Stainless Coachscrews see page 107**

ORDER CODE	SIZE REF	QTY
C671-312	6 x 25	200
C671-315	6 x 30	200
C671-320	6 x 40	200
C671-325	6 x 50	200
C671-330	6 x 60	200
C671-335	6 x 70	200
C671-340	6 x 80	200
C671-345	6 x 90	100
C671-350	6 x 100	100
C671-415	8 x 30	200
C671-420	8 x 40	200
C671-425	8 x 50	200
C671-430	8 x 60	200
C671-435	8 x 70	200
C671-440	8 x 80	200
C671-445	8 x 90	100
C671-450	8 x 100	100
C671-515	10 x 30	100
C671-520	10 x 40	100
C671-525	10 x 50	100
C671-530	10 x 60	100
C671-535	10 x 70	100
C671-540	10 x 80	100

ORDER CODE	SIZE REF	QTY
C671-545	10 x 90	100
C671-550	10 x 100	100
C671-554	10 x 120	50
C671-556	10 x 130	50
C671-558	10 x 140	50
C671-560	10 x 150	50
C671-562	10 x 160	50
C671-566	10 x 180	50
C671-570	10 x 200	50
C671-620	12 x 40	100
C671-625	12 x 50	100
C671-630	12 x 60	100
C671-635	12 x 70	50
C671-640	12 x 80	50
C671-645	12 x 90	50
C671-650	12 x 100	50
C671-654	12 x 120	50
C671-656	12 x 130	50
C671-658	12 x 140	50
C671-660	12 x 150	50
C671-662	12 x 160	25
C671-666	12 x 180	25
C671-670	12 x 200	25

### • Carcass Screws

Designed for chipboard applications including end grain - having coarse single start thread to avoid bursting pressures and sharp point for fast starting.

ORDER CODE	SIZE REF	DRY	QTY
C681-396	7g x 1 1/4 (32mm)	PZ2	1000

ORDER CODE	SIZE REF	DRY	QTY
C681-398	7g x 1 3/4 (45mm)	PZ2	1000

**Why not get your fixings organised using one of our storage cases, see page 251**







### TIMBER-LOK - Large beam fasteners

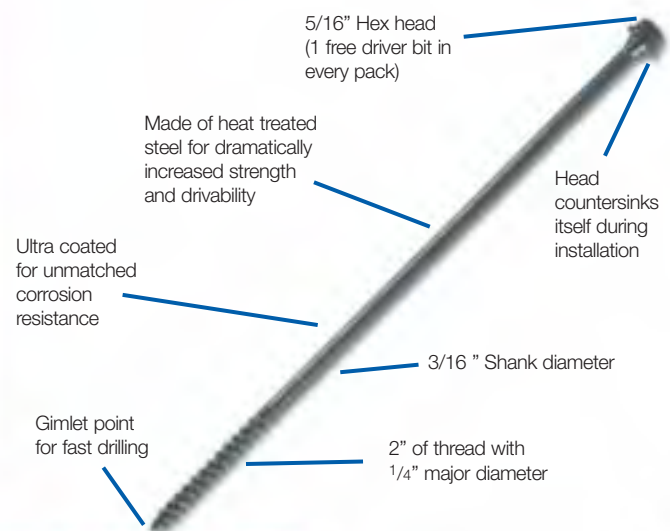
#### Features include:-

- Requires no pre-drilling
- Eliminates jamming
- Countersinks into the timber
- Removeable and reuseable
- Installed with hand power drill
- No more hammer damage

### TIMBER-LOK

#### Applications include:-

- Landscaping
- Post and beam work
- Exterior decking
- Fencing
- Railings
- Stairs
- Newel posts
- Fixing Unistrut type channels
- Frame works
- Truss work
- Retaining walls



### ● Timber-Lok - Large beam fasteners

BOXES of 50 - 1 HEX DRIVER PER BOX

ORDER CODE	SIZE REF	QTY
C701-132	65mm	50
C701-150	100mm	50
C701-160	150mm	50

ORDER CODE	SIZE REF	QTY
C701-170	200mm	50
C701-175	250mm	50

BOXES of 250 - 1 HEX DRIVER PER BOX

ORDER CODE	SIZE REF	QTY
C701-232	65mm	250
C701-250	100mm	250
C701-260	150mm	250
C701-270	200mm	250

ORDER CODE	SIZE REF	QTY
C701-275	250mm	250
C701-280	300mm	250
C701-281	350mm	250
C701-282	400mm	250

### ● Fastenmaster Decking Screws - Green Finish

Fastenmaster Decking Screws are designed for the fixing of timber decking and other exterior projects which require a high level of corrosion resistance. They have a square drive recess and are supplied with one free bit in each box. The heads are self countersinking and hide themselves well into the timber for a superior appearance.

ORDER CODE	SIZE REF	FINISH	DRIVE	QTY
C721-120	4.5 X 40	GREEN	SQ2	200
C721-125	4.5 X 50	GREEN	SQ2	200
C721-131	4.5 X 63	GREEN	SQ2	200
C721-137	4.9 X 75	GREEN	SQ2	150
C721-145	5.2 X 90	GREEN	SQ2	125

For spare one-piece driver sockets see page 220



## QuikDrive - Auto feed screw driving system

This system is available to order only.



QuikDrive is a collated screwdriving system covering applications from flooring to roofing and just about everything in-between, giving tradesmen huge savings in time, cost and labour. Easy to assemble and simple to use, QuikDrive comes with a removeable pole extension for flooring and soffit work.

**QuikDrive - less strain, less pain, more gain.**



### • QuikDrive Professional Auto-Feed Kit with Makita motor units

ORDER CODE	MFRS CODE	DESCRIPTION	VOLTAGE
V098-101	QD SDS G2 KIT	4500rpm MAKITA Multi-purpose Kit c/w 2 nosepieces, extension, kit bag, quiver	110v
V098-102	QD SDS G2 KIT	As above but 240v	240v
V098-121	QD SDS G2 KIT 2500	As above but 2500rpm	110v
V098-122	QD SDS G2 KIT 2500	As above	240v
V098-131	QD SDS G2 KIT 6500	6500rpm with kit as above	110v
V098-132	QD SDS G2 KIT 6500	6500rpm with kit as above	240v

### • QuikDrive Professional Auto-Feed Kit with Hitachi Hi-torque 1800rpm units

Specifically suited to installing the Truck Bed Flooring screws, this machine runs at a lower speed and generates the higher torque required for successful fixings time after time.

ORDER CODE	MFRS CODE	DESCRIPTION	VOLTAGE
V098-151	QD SDS G2 KIT 1800	1800rpm Hitachi Kit c/w 2 nosepieces, extension, kit bag, quiver	110v
V098-152	QD SDS G2 KIT 1800	As above	240v

### • QuikDrive Professional Auto-Feed Kit with DeWalt 18volt Cordless motor units

This cordless QuikDrive kit gives maximum flexibility and independence for the majority of QuikDrive screws. Supplied in a durable kit box and complete with the necessary components to drive a large part of the screw range.

ORDER CODE	MFRS CODE	DESCRIPTION	VOLTAGE
V098-200	QD SDS G2 KIT 18V2	18v DeWalt cordless QuikDrive c/w 2 nose pieces, extension, moulded carry case, quiver	18v





### QuikDrive Adaptors & Accessories

The DW200 is a drywall only driver with the capability of driving drywall screws up to 41mm long. This adaptor is designed for limited usage up to a maximum of 50,000 drywall screws. It comes with adaptors to suit most Makita, DeWalt & Milwaukee screwdrivers.

ORDER CODE	SIZE REF	DESCRIPTION
V098-305	QDA158 (DW200)	Throwaway tool

The QuikDriver is a versatile adaptor that will fit on most mains or cordless drills and is suitable for drywall screws, woodscrews and decking screws up to 63mm long. As a DIY tool it has limitations in its performance and has a maximum recommended useable life of 10,000 screws.

ORDER CODE	SIZE REF	DESCRIPTION
V098-310	QuikDriver	DIY use QuikDrive tool

#### ● QuikDrive Tool Fronts

Tool fronts only, adaptors to suit motor unit supplied separately

ORDER CODE	SIZE REF	DESCRIPTION
V098-350	SDS	General Purpose Tool Front
V098-355	PRO250	Heavy Duty Tool Front
V098-360	PRO200DW	Drywall only Tool Front
V098-365	PRO TF	Truck Bed Tool Front
V098-370	PRO PH	Pan Head Tool Front

#### ● QuikDrive Adaptors

To adapt your existing power screwdrivers to a QuikDrive tool front.

ORDER CODE	DESCRIPTION
V098-405	For Makita 6802-6820-6823-6824-6825
V098-410	For Makita 6831-6833-6834-6835
V098-415	For Metabo SE5025/SE5040
V098-420	For Bosch GSR6-20TE/25TE/40TE & SPIT 215
V098-425	For Milwaukee & Atlas-Copco Models
V098-430	For Dewalt 251-274-275-276 Series Models
V098-435	For Hitachi - W6V6

#### ● QuikDrive Tool Accessories

ORDER CODE	DESCRIPTION
V098-440	Pro G2 Extension
V098-445	QD PRO250 & QSDS2000 Mandrel
V098-450	QD PRO200G2 & PROPH Mandrel
V098-455	QD PRO250G2-PRO300G2 & SDSG2 Mandrel
V098-505	SQ.HD BIT No. 2
V098-510	SQ.HD BIT No. 3
V098-515	SQ.HD BIT No. 2 Undersize
V098-520	SQ.HD BIT No. 3 Undersize
V098-525	SQ.HD BIT Pack (3) c/w Removal tool
V098-530	SQ.HD BIT Pack (50)
V098-535	SQ.HD BIT Pack (50) Undersize
V098-540	PH.HD BIT
V098-545	PH.HD BIT Pack (3) c/w Removal tool
V098-550	PH.HD BIT Pack (50)
V098-570	Tool Bag (Guncase Style)
V098-580	QUIVER Snap On Belt Screw Strip Holder, holds 500 Screws





### QuikDrive Screws

#### QuikDrive Grey CSK Coarse Thread Drywall Screws

Drywall to timber

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C801-312	3.5 x 25	PH2	DWC1PS	2500
C801-316	3.5 x 32	PH2	DWC114PS	2500
C801-320	3.5 x 41	PH2	DWC158PS	2500

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C801-325	3.5 x 50	PH2	DWC2PS	2000
C801-331	3.5 x 63	PH2	DWC212PS	1500

#### QuikDrive Grey CSK Fine Thread Drywall Screws

Drywall to light gauge steel stud

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C802-312	3.5 x 25	PH2	DWF1PS	2500
C802-316	3.5 x 32	PH2	DWF114PS	2500

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C802-320	3.5 x 41	PH2	DWF158PS	2500

#### QuikDrive BZP CSK Self Drill Drywall Screws

Drywall to heavy gauge steel stud

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C806-316	3.5 x 32	PH2	DWFSD114PS	2500

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C806-320	3.5 x 41	PH2	DWFSD158PS	2500

#### QuikDrive Yellow CSK No.3 Sq. Drv. Woodscrews

Twin thread, fast driving

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C811-422	4.0 x 45	SQ3	WSNTL134S	2000
C811-425	4.0 x 50	SQ3	WSNTL2S	2000

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C811-431	4.0 x 63	SQ3	WSNTL212S	1500
C811-437	4.0 x 75	SQ3	WSNTL3S	1000

#### QuikDrive Grey No.2 Sq Drv CSK Underlayment Screws

Hi-lo thread, self sinking head for hardboard onto chipboard

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C813-412	4.0 x 25	SQ2	MTH1PS	2500

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C813-416	4.0 x 32	SQ2	MTH11PS	2500

#### QuikDrive Galv No 2 Sq Drv Decking Screws

Self sinking head, self drill shank for timber decking to timber

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C815-425	4.5 x 50	SQ2	DTHG2S	2000
C815-431	4.5 x 63	SQ2	DTHG212S	1500

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C815-437	4.5 x 75	SQ2	DTHG3S	1000

## QuikDrive Screws

### QuikDrive N2000 Coated CSK No. 3 Sq. Drv. Screws

Self sinking head, twin thread for fast driving

Exceeds ASTM A 641 Class 1 corrosion resistance for roof tile installation

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C817-425	4.5 x 50	SQ3	WSNTLG2LS	2000
C817-431	4.5 x 63	SQ3	WSNTLG212LS	1500

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C817-437	4.5 x 75	SQ3	WSNTLG3LS	1000

### QuikDrive Yellow CSK No. 2 Sq. Drv. Coarse Thread Woodscrews

Coarse thread, prevents splitting

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C819-416	4.0 x 32	SQ2	WSC114S	2500

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C819-419	4.0 x 38	SQ2	WSC112S	2000

### QuikDrive BZP CSK No 3 Sq. Drv. Timber to Steel Screws

Drill point for 1-3mm steel

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C831-424	4.0 x 49	SQ3	PPSD11516S	2000
C831-431	4.0 x 63		TBC	TBC

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C831-437	4.0 x 75		TBC	TBC

### QuikDrive BZP Pan Head No. 2 Sq. Drv. Steel to Steel Screws

Drill point for 1-3mm steel

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C833-409	4.0 x 19	SQ2	PHSD34S	2500

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
------------	----------	-----	-----------	-----

### QuikDrive BZP Truss Head PH2 Steel to Steel Screws

Drill point for 1-3mm steel

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C834-509	5.0 x 19 x 12 TPI	PH2	TRSD 34S1012	2500
C834-510	5.0 x 19 x 16 TPI	PH2	TRSD34S1016	2500

### QuikDrive CSK No.3 Sq. Drv Truck Bed Flooring Screws

Drill point for steel, self clearing wings for timber, ideal for timber vehicle lining

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C841-722	6.3 x 45	SQ3	TB1445S	1000
C841-727	6.3 x 55	SQ3	TB1455S	1000

ORDER CODE	SIZE REF	DRV	MFRS CODE	QTY
C841-737	6.3 x 75	SQ3	TB1475S	750

## Notes:





# Angery





### Bright Round Wire Nails

ORDER CODE	SIZE REF	QTY
D011-034	25 x 1.8	25kg
D011-045	25 x 2.0	25kg
D011-055	30 x 2.0	25kg
D011-065	40 x 2.0	25kg
D011-202	40 x 2.65	25kg
D011-252	50 x 2.65	25kg
D011-253	50 x 3.0	25kg
D011-322	65 x 2.65	25kg
D011-323	65 x 3.0	25kg

ORDER CODE	SIZE REF	QTY
D011-324	65 x 3.35	25kg
D011-374	75 x 3.35	25kg
D011-375	75 x 3.75	25kg
D011-456	90 x 4.0	25kg
D011-506	100 x 4.0	25kg
D011-507	100 x 4.5	25kg
D011-558	125 x 5.0	25kg
D011-559	125 x 5.6	25kg
D011-609	150 x 6.0	25kg

### Galvanised Round Wire Nails

ORDER CODE	SIZE REF	QTY
D021-044	25 x 1.8	25kg
D021-055	30 x 2.0	25kg
D021-065	40 x 2.0	25kg
D021-202	40 x 2.65	25kg
D021-221	45 x 2.36	25kg
D021-252	50 x 2.65	25kg
D021-253	50 x 3.0	25kg
D021-322	65 x 2.65	25kg
D021-323	65 x 3.0	25kg

ORDER CODE	SIZE REF	QTY
D021-324	65 x 3.35	25kg
D021-374	75 x 3.35	25kg
D021-375	75 x 3.75	25kg
D021-456	90 x 4.0	25kg
D021-506	100 x 4.0	25kg
D021-507	100 x 4.5	25kg
D021-558	125 x 5.0	25kg
D021-559	125 x 5.6	25kg
D021-609	150 x 6.0	25kg

Count of Round Wire Nails per kg (approx. only)

mm	150	125	100	90	75	65	60	50	45	40	30	25	20
6.0	31	-	-	-	-	-	-	-	-	-	-	-	-
5.6	35	42	-	-	-	-	-	-	-	-	-	-	-
4.5	-	-	79	88	-	-	-	-	-	-	-	-	-
4.0	-	-	100	106	128	-	-	-	-	-	-	-	-
3.75	-	-	-	-	145	167	-	-	-	-	-	-	-
3.35	-	-	-	-	187	216	236	284	-	-	-	-	-
3.0	-	-	-	-	-	265	282	342	-	-	-	-	-
2.65	-	-	-	-	-	346	381	441	483	542	-	-	-
2.36	-	-	-	-	-	-	-	538	591	661	857	-	-
2.0	-	-	-	-	-	-	-	-	882	891	1241	1446	-
1.8	-	-	-	-	-	-	-	-	-	-	1545	1847	-
1.6	-	-	-	-	-	-	-	-	-	-	-	2295	2685
1.4	-	-	-	-	-	-	-	-	-	-	-	-	3649

### Bright Oval Nails

ORDER CODE	SIZE REF	QTY
D031-120	25	25kg
D031-150	30	25kg
D031-200	40	25kg
D031-250	50	25kg

ORDER CODE	SIZE REF	QTY
D031-320	65	25kg
D031-370	75	25kg
D031-500	100	25kg

### Galvanised Oval Nails

ORDER CODE	SIZE REF	QTY
D041-200	40	25kg
D041-250	50	25kg
D041-320	65	25kg

ORDER CODE	SIZE REF	QTY
D041-370	75	25kg
D041-500	100	25kg

N.B. Boxes may be supplied in 20kg's and priced accordingly

# Nails, Hinges & Ironmongery

## Nails Bulk Pack

4

### Bright Annular Ring Shank Nails

ORDER CODE	SIZE REF	QTY
D051-045	25 x 2.0	25kg
D051-202	40 x 2.65	25kg
D051-252	50 x 2.65	25kg
D051-254	50 x 3.35	25kg

ORDER CODE	SIZE REF	QTY
D051-304	60 x 3.35	25kg
D051-324	65 x 3.35	25kg
D051-375	75 x 3.75	25kg
D051-508	100 x 5.0	25kg

### Sheradised Annular Ring Shank Nails

ORDER CODE	SIZE REF	QTY
D061-202	40 x 2.65	25kg
D061-252	50 x 2.65	25kg

ORDER CODE	SIZE REF	QTY
D061-324	65 x 3.35	25kg
D061-375	75 x 3.75	25kg

### Bright Round Lost Head Nails

ORDER CODE	SIZE REF	QTY
D071-201	40 x 2.36	25kg
D071-253	50 x 3.00	25kg
D071-304	60 x 3.35	25kg

ORDER CODE	SIZE REF	QTY
D071-324	65 x 3.35	25kg
D071-375	75 x 3.75	25kg

### Galvanised Round Lost Head Nails

ORDER CODE	SIZE REF	QTY
D081-252	50 x 2.65	25kg

ORDER CODE	SIZE REF	QTY
D081-324	65 x 3.35	25kg

### Galvanised Clout Nails

ORDER CODE	SIZE REF	QTY
D101-102	20 x 2.65	25kg
D101-122	25 x 2.65	25kg
D101-152	30 x 2.65	25kg
D101-153	30 x 3.00	25kg
D101-201	40 x 2.36	25kg

ORDER CODE	SIZE REF	QTY
D101-202	40 x 2.65	25kg
D101-252	50 x 2.65	25kg
D101-322	65 x 2.65	25kg
D101-375	75 x 3.75	25kg
D101-507	100 x 4.5	25kg

### ELH Galvanised Clout Nails

ORDER CODE	SIZE REF	QTY
D111-018	13 x 3.0	25kg
D111-103	20 x 3.0	25kg
D111-123	25 x 3.0	25kg

ORDER CODE	SIZE REF	QTY
D111-153	30 x 3.0	25kg
D111-203	40 x 3.0	25kg
D111-253	50 x 3.0	25kg

### Square Twisted Sheradised Nails

Used particularly for joist hangers and straps

ORDER CODE	SIZE REF	QTY
D121-155	32/30 x 3.75	25kg

ORDER CODE	SIZE REF	QTY
D121-205	40 x 3.75	25kg

### Cut Clasp Nails

ORDER CODE	SIZE REF	QTY
D131-250	50	25kg
D131-320	65	25kg

ORDER CODE	SIZE REF	QTY
D131-370	75	25kg
D131-500	100	25kg



Nails, Hinges & Ironmongery

Next day delivery Nationwide

47





### • Galvanised Presser Point Staples

ORDER CODE	SIZE REF	QTY
D141-035	20 x 2.0	25kg
D141-122	25 x 2.65	25kg

ORDER CODE	SIZE REF	QTY
D141-155	30 x 3.55	25kg
D141-206	40 x 4.0	25kg

### • Galvanised Spring Head Roofing Nails

ORDER CODE	SIZE REF	QTY
D151-324	65 x 3.35	10kg

ORDER CODE	SIZE REF	QTY
------------	----------	-----

### • Bright Panel Pins

ORDER CODE	SIZE REF	QTY
D161-033	20 x 1.6	25kg
D161-042	25 x 1.4	25kg
D161-043	25 x 1.6	25kg

ORDER CODE	SIZE REF	QTY
D161-053	30 x 1.6	25kg
D161-063	40 x 1.6	25kg
D161-075	50 x 2.0	25kg

### • Sheradised Panel Pins

ORDER CODE	SIZE REF	QTY
D171-033	20 x 1.6	25kg
D171-042	25 x 1.4	25kg

ORDER CODE	SIZE REF	QTY
D171-053	30 x 1.6	25kg
D171-063	40 x 1.6	25kg

### • Aluminium Clout Nails

ORDER CODE	SIZE REF	QTY
D181-152	30 x 2.65	5kg
D181-202	40 x 2.65	5kg

ORDER CODE	SIZE REF	QTY
D181-204	40 x 3.35	5kg
D181-255	50 x 3.75	5kg

### • Copper Clout Nails

ORDER CODE	SIZE REF	QTY
D191-152	30 x 2.65	5kg
D191-202	40 x 2.65	5kg

ORDER CODE	SIZE REF	QTY
D191-204	40 x 3.35	5kg

### • Copper Disc Rivets

ORDER CODE	SIZE REF	QTY
D191-299	25 x 18mm	1000

ORDER CODE	SIZE REF	QTY
------------	----------	-----

### • Stainless Annular Ring Shank Nails

ORDER CODE	SIZE REF	QTY
D201-202	40 x 2.65	5kg
D201-254	50 x 3.35	5kg
D201-324	65 x 3.35	5kg

ORDER CODE	SIZE REF	QTY
D201-375	75 x 3.75	5kg
D201-507	100 x 4.5	5kg

# Nails, Hinges & Ironmongery

## Nails Small Pack

4

### Bright Round Wire Nails

ORDER CODE	SIZE REF	QTY
D211-045	25 x 2.0	5kg
D211-151	30 x 2.36	5kg
D211-202	40 x 2.65	5kg
D211-252	50 x 2.65	5kg
D211-324	65 x 3.35	5kg

ORDER CODE	SIZE REF	QTY
D211-375	75 x 3.75	5kg
D211-507	100 x 4.5	5kg
D211-559	125 x 5.6	5kg
D211-609	150 x 6.0	5kg

### Galvanised Round Wire Nails

ORDER CODE	SIZE REF	QTY
D221-202	40 x 2.65	5kg
D221-252	50 x 2.65	5kg
D221-324	65 x 3.35	5kg

ORDER CODE	SIZE REF	QTY
D221-375	75 x 3.75	5kg
D221-507	100 x 4.5	5kg
D221-559	125 x 5.6	5kg

### Bright Oval Nails

ORDER CODE	SIZE REF	QTY
D231-120	25	5kg
D231-150	30	5kg
D231-200	40	5kg
D231-250	50	5kg

ORDER CODE	SIZE REF	QTY
D231-320	65	5kg
D231-370	75	5kg
D231-500	100	5kg

### Galvanised Oval Nails

ORDER CODE	SIZE REF	QTY
D241-200	40	5kg

ORDER CODE	SIZE REF	QTY
D241-250	50	5kg

### Bright Annular Ring Shank Nails

ORDER CODE	SIZE REF	QTY
D251-045	25 x 2.0	5kg
D251-202	40 x 2.65	5kg
D251-252	50 x 2.65	5kg

ORDER CODE	SIZE REF	QTY
D251-324	65 x 3.35	5kg
D251-375	75 x 3.75	5kg

### Bright Round Lost Head Nails

ORDER CODE	SIZE REF	QTY
D271-201	40 x 2.36	5kg
D271-253	50 x 3.0	5kg

ORDER CODE	SIZE REF	QTY
D271-324	65 x 3.35	5kg
D271-375	75 x 3.75	5kg

### Galvanised Clout Nails

ORDER CODE	SIZE REF	QTY
D301-152	30 x 2.65	5kg
D301-202	40 x 2.65	5kg
D301-254	50 x 3.65	5kg

ORDER CODE	SIZE REF	QTY
D301-325	65 x 3.75	5kg
D301-375	75 x 3.75	5kg

### ELH Galvanised Clout Nails

ORDER CODE	SIZE REF	QTY
D311-018	13 x 3.0	5kg
D311-103	20 x 3.0	5kg

ORDER CODE	SIZE REF	QTY
D311-153	30 x 3.0	5kg
D311-203	40 x 3.0	5kg

Nails, Hinges & Ironmongery

### • Square Twisted Sheradised Nails

Used particularly for joist hangers and straps

ORDER CODE	SIZE REF	QTY
D331-155	32/30 x 3.75	5kg

ORDER CODE	SIZE REF	QTY

### • Galvanised Presser Point Staples

ORDER CODE	SIZE REF	QTY
D351-035	20 x 2.0	5kg
D351-122	25 x 2.65	5kg

ORDER CODE	SIZE REF	QTY
D351-154	30 x 3.35	5kg

### • Bright Panel Pins in 1kg packets

ORDER CODE	SIZE REF	QTY
D371-033	20 x 1.6	1kg
D371-043	25 x 1.6	1kg
D371-053	30 x 1.6	1kg

ORDER CODE	SIZE REF	QTY
D371-063	40 x 1.6	1kg
D371-075	50 x 2.0	1kg

### • Sheradised Panel Pins in 1kg packets

ORDER CODE	SIZE REF	QTY
D381-033	20 x 1.6	1kg
D381-043	25 x 1.6	1kg
D381-053	30 x 1.6	1kg

ORDER CODE	SIZE REF	QTY
D381-063	40 x 1.6	1kg
D381-075	50 x 2.0	1kg

### • Bright Veneer Pins in 1kg packets

ORDER CODE	SIZE REF	QTY
D391-020	15 x 1.0	1kg
D391-030	20 x 1.0	1kg

ORDER CODE	SIZE REF	QTY
D391-040	25 x 1.0	1kg

### • Masonry Nails

These Masonry Nails are through hardened and zinc plated and the three gauges can cover virtually any application. Masonry Nails are boxed in 200's except 80mm and 100mm sizes.

ORDER CODE	SIZE REF	QTY
D421-112	2.5 x 25mm	200
D421-115	2.5 x 30mm	200
D421-117	2.5 x 35mm	200
D421-120	2.5 x 40mm	200
D421-125	2.5 x 50mm	200
D421-212	3.0 x 25mm	200
D421-215	3.0 x 30mm	200
D421-220	3.0 x 40mm	200
D421-225	3.0 x 50mm	200

ORDER CODE	SIZE REF	QTY
D421-230	3.0 x 60mm	200
D421-235	3.0 x 70mm	200
D421-237	3.0 x 75mm	200
D421-240	3.0 x 80mm	100
D421-325	3.5 x 50mm	200
D421-332	3.5 x 65mm	200
D421-337	3.5 x 75mm	200
D421-350	3.5 x 100mm	100

### • Capping Nails

These nails have a pre-mounted washer which moves down the nail as it is driven in. They are ideal for nailing PVC/Steel channelling.

ORDER CODE	SIZE REF	QTY
D422-112	2.5 x 25mm	100

ORDER CODE	SIZE REF	QTY
D422-115	2.5 x 30mm	100



# Nails, Hinges & Ironmongery

## Timber Joining Fasteners

4

### • Turbofast - for light block work

Turbofast is a unique nail-in fixing which is hammered straight through the timber batten and into the block wall behind. Its helical Hi-Fins "skewer" their way in without risk of splitting timber or blocks with no pre-drilling required under normal circumstances. TURBOFAST can be ideally used to fix skirtings, architraves, etc.

ORDER CODE	SIZE REF	QTY
D441-337	6 x 75	100
D441-350	6 x 100	100

ORDER CODE	SIZE REF	QTY
D441-437	8 x 75	100
D441-450	8 x 100	100



### • Galvanised Timber Connectors

Galvanised timber connectors complete with 1/2" centre hole, used in conjunction with bolts or studding when connecting timbers.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
D461-125	50mm / 2"	Single Sided	100
D461-219	38mm / 1 1/2 "	Double Sided	100

ORDER CODE	SIZE REF	DESCRIPTION	QTY
D461-225	50mm / 2"	Double Sided	100



### • Corrugated Fasteners

ORDER CODE	SIZE REF	QTY
D471-055	3/8 x 5	1000
D471-056	3/8 x 6	1000
D471-065	1/2 x 5	1000
D471-066	1/2 x 6	1000

ORDER CODE	SIZE REF	QTY
D471-085	5/8 x 5	1000
D471-086	5/8 x 6	1000
D471-105	3/4 x 5	1000
D471-106	3/4 x 6	1000



### • Metal Star Dowels - Alloy

ORDER CODE	SIZE REF	QTY
D481-009	19mm	500
D481-012	25mm	500
D481-014	29mm	500
D481-016	33mm	500
D481-019	38mm	500

ORDER CODE	SIZE REF	QTY
D481-022	44mm	500
D481-025	50mm	500
D481-030	60mm	500
D481-037	77mm	250



### • Biscuits (Flat Dowels)

ORDER CODE	SIZE REF	BOARD THICKNESS	QTY
D491-100	No 0	6 - 12mm	1000
D491-110	No 10	13 - 18mm	1000

ORDER CODE	SIZE REF	BOARD THICKNESS	QTY
D491-120	No 20	19mm+	1000





### • Air Finish Nailers

ORDER CODE	SIZE REF	NAIL TYPE CODE	CAPACITY	DESCRIPTION
D501-205	FN252	FN	3/4" - 2 1/2"	21/8" Finish nailer kit
D501-210	DA252	DA	1 1/4" - 2 1/2"	21/8" Angle nailer kit

### • Air Framing Nailers

A 34° clipped head framing nailer with proven performance and reliability. Weighing just 3.5kg and operating from a versatile pressure range of 72-120psi (5-8.3 bar)

ORDER CODE	SIZE REF	NAIL TYPE CODE	CAPACITY	DESCRIPTION
D501-305	FC352	FC	2" - 3 1/2"	Clipped head framing nailer

### • 2.5HP Fox Compressor

The CF2600 Fox 16 litre side-stack compressor is a quiet running fast recharge oil lubricated compressor with a service life far in excess of that offered by disposable oil-free alternatives.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
D551-140	CF 2600	2.5hp Compressor	1

### • Framing Nailer Kit

A complete nailing kit containing a D551-140 compressor, D501-305 Framing nailer, hose and connections.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
D551-150	CF2600+FC352	Framing Kit	1

### • DeWalt Cordless Nailer Finish Nails

These nails are specifically for the DC618 Cordless nailer. They are 1.6mm (1kg) and have a 20° collation angle.

ORDER CODE	SIZE REF	Length	QTY
D600-016	DT9900	32mm	2500
D600-019	DT9901	38mm	2500
D600-022	DT9902	44mm	2500
D600-025	DT9903	50mm	2500
D600-031	DT9904	63mm	2500

# Nails, Hinges & Ironmongery

## Air Nails & Staples

4

### • Brad Nails - 18 Gauge

ORDER CODE	SIZE REF	• L • mm	• L • "	QTY
D601-008	BN18063	16	5/8"	5000
D601-010	BN18075	19	3/4"	5000
D601-012	BN18100	25	1"	5000
D601-015	BN18119	30	1 3/16"	5000
D601-016	BN18125	32	1 1/4"	5000

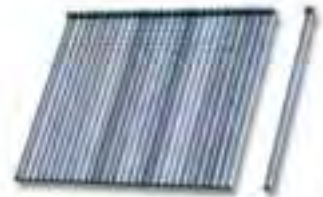
ORDER CODE	SIZE REF	• L • mm	• L • "	QTY
D601-019	BN18150	38	1 1/2"	5000
D601-020	BN18156	40	1 9/16"	5000
D601-022	BN18175	45	1 3/4"	5000
D601-025	BN18200	50	2"	5000



### • Finish Nails - 16 Gauge

ORDER CODE	SIZE REF	• L • mm	• L • "	QTY
D611-010	FN16075	19	3/4"	2500
D611-012	FN16100	25	1"	2500
D611-016	FN16125	32	1 1/2"	2500
D611-019	FN16150	38	1 1/2"	2500

ORDER CODE	SIZE REF	• L • mm	• L • "	QTY
D611-022	FN16175	45	1 3/4"	2500
D611-025	FN16200	50	2"	2500
D611-027	FN16225	60	2 1/4"	2500
D611-032	FN16250	65	2 1/2"	2500



### • Inclined Finish Nails - 15 Gauge

ORDER CODE	SIZE REF	• L • mm	• L • "	QTY
D621-012	DA15100	25	1"	4000
D621-016	DA15125	32	1 1/4"	4000
D621-019	DA15150	38	1 1/2"	4000

ORDER CODE	SIZE REF	• L • mm	• L • "	QTY
D621-022	DA15175	45	1 3/4"	4000
D621-025	DA15200	50	2"	4000
D621-032	DA15250	65	2 1/2"	4000



### • Clipped Head Framing Nails - 34°

Galvanised Smooth Shank Nails

ORDER CODE	SIZE REF	• L • mm	QTY
D641-425	FC13200G	50mm x 2.87mm	3000
D641-432	FC13250G	64mm x 2.87mm	3000
D641-437	FC20300G	75mm x 3.1mm	3000
D641-445	FC31350G	90mm x 3.1mm	3000



Galvanised Ring Shank Nails

ORDER CODE	SIZE REF	• L • mm	QTY
D641-825	FCR13200G	50mm x 2.87mm	3000
D641-830	FCR2500G	64mm x 2.87mm	3000
D641-837	FCR20300G	75mm x 3.1mm	3000
D641-845	FCR31350G	90mm x 3.1mm	3000



### • 1/4" Narrow Crown Staples - 18 Gauge

ORDER CODE	SIZE REF	• L • mm	• L • "	QTY
D661-006	NS18050	13	1/2"	5000
D661-008	NS18063	16	5/8"	5000
D661-010	NS18075	19	3/4"	5000
D661-011	NS18088	22	7/8"	5000

ORDER CODE	SIZE REF	• L • mm	• L • "	QTY
D661-012	NS18100	25	1"	5000
D661-014	NS18113	29	1 1/8"	5000
D661-016	NS18125	32	1 1/4"	5000
D661-019	NS18150	38	1 1/2"	5000



Nails, Hinges & Ironmongery



**SPECIFICATION**

Weight	2.94kg
Height	36.8cm
Cycle rate	up to 2 per sec
Fastener capacity	150
Fuel cell life	approx. 1000
Max. cycle rate	500/hour
230 volt charger maximum charge time	2 hours.
Battery approximately	4000 fixings/charge.

### • Impulse Stapler IM200 / 50 S 16

**APPLICATIONS**

- Overboarding
- Packaging
- Fire protection

**FEATURES & BENEFITS**

- Lightweight - reducing operator fatigue.
- Cordless - portable and convenient with no set-up time.
- Versatile - drives 16 - 50 mm divergent and chisel staples.
- Drives up to 2 staples per second and 500 per hour.
- Has a QUICK CLEAR feature - allowing easy access to nose.

ORDER CODE	PASLODE CODE	DESCRIPTION
D682-200	900078	Cordless Stapler

**SPECIFICATION**

Weight	2.5kg
Height	32cm
Cycle rate	up to 2 per sec.
Fastener capacity	2 strips / 100
Fuel cell life	approx. 1000
Max. cycle rate	500/hour
230 volt charger maximum charge time	2 hours.
Battery approximately	4000 fixings/charge.

### • Impulse Brad Nailer IM65 F16 Mk2

**APPLICATIONS**

- Door stops
- Architraves
- Tongue & groove panelling
- Skirting boards
- Dado rails
- Door sets
- Beading
- MDF fixing

**FEATURES & BENEFITS**

- Lightweight - reducing operator fatigue.
- Cordless - portable and convenient with no set-up time.
- Versatile - drives 19 - 64 mm galvanised finish nails.
- Drives up to 2 nails per second and 500 per hour.
- Brads available in stainless steel.
- Has a QUICK CLEAR feature - allowing easy access to nose.

ORDER CODE	PASLODE CODE	DESCRIPTION
D682-250	012410	Cordless Brad Nailer

**SPECIFICATION**

Weight	2.3kg
Dimensions	275 x 85 x 290
Cycle rate	2/3 per sec.
Fastener capacity	2 strips / 100
Fuel cell life	approx. 1000 nails
Max. cycle rate	1000/hour
230 volt charger maximum charge time	2 hours.
Battery approximately	4000 fixings/charge.

### • Impulse Angled Brad Nailer IM65A

**APPLICATIONS**

- Skirting
- MDF
- Door stops
- Architrave
- Window casing
- Dado rails
- Door casing
- Roof boarding
- Stair rails
- Tongue & groove panelling

**FEATURES & BENEFITS**

- Angled magazine for easy access to corners, tight spots and overhead use.
- Slim-line, user friendly battery pack.
- Cordless - portable and convenient with no set-up time.
- Powerful motor drives 32 - 63 mm fasteners, covering a wide variety of applications.
- Sequential actuation, allowing safe operation on building site.
- Ease of service.
- Has a QUICK CLEAR feature - allowing easy access to nose.

ORDER CODE	PASLODE CODE	DESCRIPTION
D682-251	900600	Cordless Angled Brad Nailer

**SPECIFICATION**

Weight	3.1kg
Height	36.8cm
Cycle rate	up to 2/sec.
Fastener capacity	55
Fuel cell life	850
Max. cycle rate	1000/hour
230 volt charger maximum charge time	2 hours.
Battery approximately	4000 fixings/charge.

### • Impulse Strip Nailer IM350 / 90 CTQ

**APPLICATIONS**

- Timber frame erection
- Floor boarding
- Noggins
- Soffits
- Roof battening
- Refurbishments
- Decking
- Shuttering
- Flat roofing
- Panelling
- Chipboard
- Packaging
- Fencing
- Joists

**FEATURES & BENEFITS**

- Lightweight - reducing operator fatigue.
- Cordless - portable and convenient with no set-up time.
- Versatile - drives 51 - 90 mm stainless steel, hot dip galvanised, Galv-Plus™, bright, ring, or straight nails (subject to nail type)
- Drives up to a maximum of 2 nails per second and 1000 per hour.

ORDER CODE	PASLODE CODE	DESCRIPTION
D682-350	085010	Cordless Strip Nailer

# Nails, Hinges & Ironmongery

## Paslode Impulse Nails & Staples

4

### • Nail Fuel Packs for IM350 / 90 CTO

ORDER CODE	SIZE REF	PASLODE CODE	DESCRIPTION	FUEL CELLS	QTY
D683-255	141202	51 x 2.8mm	RG BR Nail Packs	3	3300
D683-256	141204	51 x 2.8mm	RG GALV-PLUS Nail Packs	3	3300
D683-286	141206	57 x 2.8mm	RG GALV-PLUS Nail Packs	3	3300
D683-315	141208	63 x 2.8mm	RG BR Nail Packs	3	3300
D683-316	141210	63 x 2.8mm	RG GALV-PLUS Nail Packs	3	3300
D683-317	141211	63 x 2.8mm	RG HDGV Nail Packs	3	3300
D683-318	141221	63 x 3.1mm	RG GALV-PLUS Nail Packs	2	2200
D683-375	141226	75 x 3.1mm	RG BR Nail Packs	2	2200
D683-376	141227	75 x 3.1mm	RG GALV-PLUS Nail Packs	2	2200
D683-377	141228	75 x 3.1mm	RG HDGV Nail Packs	2	2200
D683-450	141233	90 x 3.1mm	ST BR Nail Packs	2	2200
D683-451	141234	90 x 3.1mm	ST GALV-PLUS Nail Packs	2	2200
D683-452	141235	90 x 3.1mm	ST HDGV Nail Packs	2	2200
D683-453	141236	90 x 3.1mm	UNI HDGV Nails	2	2200

### Handy Packs

ORDER CODE	PASLODE CODE	SIZE REF	DESCRIPTION	FUEL CELLS	QTY
D684-256	141256	51 x 2.8mm	RG GALV-PLUS Nail Packs	1	1100
D684-258	141257	51 x 2.8mm	RG SS Nail Packs	1	1100
D684-315	141258	63 x 2.8mm	RG BR Nail Packs	1	1100
D684-316	141259	63 x 2.8mm	RG GALV-PLUS Nail Packs	1	1100
D684-317	141260	63 x 2.8mm	RG HDGV Nail Packs	1	1100
D684-318	141261	63 x 2.8mm	RG SS Nail Packs	1	1100
D684-377	141265	75 x 3.1mm	RG HDGV Nail Packs	1	1100
D684-408	141266	80 x 3.1mm	RG SS Nail Packs	1	1100
D684-452	141267	90 x 3.1mm	ST HDGV Nail Packs	1	1100

### • Brad Fuel Packs for IM250 / 65 F16 Mk2

ORDER CODE	PASLODE CODE	SIZE REF	DESCRIPTION	FUEL CELLS	QTY
D686-081	921585	F16 x 16mm	GALV Brad Nail Packs	2	2000
D686-091	921586	F16 x 19mm	GALV Brad Nail Packs	2	2000
D686-121	921587	F16 x 25mm	GALV Brad Nail Packs	2	2000
D686-123	921593	F16 x 25mm	SS Brad Nail Packs	2	2000
D686-161	921588	F16 x 32mm	GALV Brad Nail Packs	2	2000
D686-191	921589	F16 x 38mm	GALV Brad Nail Packs	2	2000
D686-193	921594	F16 x 38mm	SS Brad Nail Packs	2	2000
D686-221	921590	F16 x 45mm	GALV Brad Nail Packs	2	2000
D686-251	921591	F16 x 50mm	GALV Brad Nail Packs	2	2000
D686-253	921595	F16 x 50mm	SS Brad Nail Packs	2	2000
D686-321	921592	F16 x 64mm	GALV Brad Nail Packs	2	2000
D686-323	921596	F16 x 64mm	SS Brad Nail Packs	2	2000

### • Brad Packs for use with F14 Conversion Kit

For easier nail placement on tongue & groove boards.  
(Requires D698-165 F14 Conversion Kit)

ORDER CODE	PASLODE CODE	SIZE REF	DESCRIPTION	FUEL CELLS	QTY
D688-161	921364	F14 x 32mm	GALV Brad Nail Packs	3	2500
D688-191	921365	F14 x 38mm	GALV Brad Nail Packs	3	2500
D688-251	921366	F14 x 50mm	GALV Brad Nail Packs	3	2500



Nails, Hinges & Ironmongery

#### Nail selector guide

Shank Types	Coating Types	
ST Straight	BR	Bright Nail
RG Full Ring Shank	GALV	Galvanised Nail
UNI Uni Lock Shank	GALV-PLUS™	GALV-PLUS™ Nail
	HDGV	Hot Dipped Galv. Nail
	SS	Stainless Steel
	HCS	High Carbon Steel

Sameday deliveries available on request

55





### • 16 Gauge Angled Brad Fuel Packs for IM250A

#### Bulk Packs

ORDER CODE	PASLODE CODE	SIZE REF	DESCRIPTION	FUEL CELLS	QTY
D692-161	300370	F16 x 32mm	GALV Angle Brad Packs	12	12000
D692-191	300371	F16 x 38mm	GALV Angle Brad Packs	12	12000
D692-221	300372	F16 x 45mm	GALV Angle Brad Packs	12	12000
D692-251	300373	F16 x 51mm	GALV Angle Brad Packs	12	12000
D692-311	300374	F16 x 63mm	GALV Angle Brad Packs	12	12000

#### Handy Packs

ORDER CODE	PASLODE CODE	SIZE REF	DESCRIPTION	FUEL CELLS	QTY
D693-161	300270	F16 x 32mm	GALV Angle Brad Packs	2	2000
D693-191	300271	F16 x 38mm	GALV Angle Brad Packs	2	2000
D693-221	300272	F16 x 45mm	GALV Angle Brad Packs	2	2000
D693-251	300273	F16 x 51mm	GALV Angle Brad Packs	2	2000
D693-311	300274	F16 x 63mm	GALV Angle Brad Packs	2	2000

### • Staple Fuel Packs for IM200 / 50 S 16 Stapler

ORDER CODE	PASLODE CODE	SIZE REF	DESCRIPTION	FUEL CELLS	QTY
D695-081	921367	GS16 x 16mm	Staples	3	2100
D695-091	921368	GS16 x 19mm	Staples	3	2100
D695-121	921369	GS16 x 25mm	Staples	3	2100
D695-141	921370	GS16 x 35mm	Staples	3	2100
D695-251	921371	GS16 x 50mm	Staples	3	2100

### • Impulse Accessories

ORDER CODE	PASLODE CODE	DESCRIPTION	QTY
D698-105	404717	Impulse battery cell	1
D698-110	402500	Impulse battery cell (IM200 only)	1
D698-115	900476	Charger base	1
D698-120	900506	AC/DC Adaptor	1
D698-125	900200	Battery charger with AC/DC Adaptor	1
D698-130	900507	In-car charger adaptor	1
D698-135	402510	Safety glasses clear	1
D698-140	191001	Impulse cleaning kit	1
D698-145	404705	No-mar work contact element IM350	1
D698-150	001099	Leather belt	1
D698-155	900352	Contact elements (IM250 only)	1
D698-160	401482	Impulse lubricating oil	1
D698-165	920137	IM250 11 F14 conversion kit	1
D698-170	115251	Paslode cleaner/degreaser	1
D698-201	300341	2x Yellow gas cartridges IM 200/250/250A	1
D698-202	300346	2x Pink gas cartridges IM350	1





## Spitfire P370

ITW Disc Cartridge Nailer

ORDER CODE	SIZE REF	DESCRIPTION	QTY
D700-030	011071	SpitfireP370 Disc Cartridge Tool	1



### Features & Benefits

- Magazine or Single Shot for speed of fixing - up to 1 nail every second
- Automatic Piston Return
- More reliable Disc Cartridge system
- High power, with Power Adjustment
- Easy maintenance - reduced down time
- Large range of nails and accessories, ask for further details
- Nail magazine system can be removed and single shot nails used - ideal for tight spaces.

### Applications

- Brickties
- Sheeting
- Steel Mesh
- Formwork
- Fixing Channel
- Fire Protection
- Steel decking
- Timber to steel
- Drywall Track etc...

### ● Disc Cartridges

ORDER CODE	SIZE REF	STRENGTH	QTY
D700-501	031740	Brown ● Low	100
D700-502	031700	Yellow ● Low/Medium	100

ORDER CODE	SIZE REF	STRENGTH	QTY
D700-503	011658	Red ● Medium/High	100



### ● Collated Concrete Nails

ORDER CODE	SIZE REF	DESCRIPTION	QTY
D700-510	011330	C9-20C 20mm	500
D700-512	011331	C9-25C 25mm	500
D700-515	011332	C9-30C 30mm	500
D700-517	011333	C9-35C 35mm	500

ORDER CODE	SIZE REF	DESCRIPTION	QTY
D700-520	011334	C9-40C 40mm	300
D700-525	011335	C9-50C 50mm	300
D700-527	011337	C9-55C 55mm	300
D700-530	011336	C9-60C 60mm	300



### ● Collated Steel & Hard Concrete Nails

ORDER CODE	SIZE REF	DESCRIPTION	QTY
D700-607	011340	SC9-15C 15mm	500
D700-610	011341	SC9-20C 20mm	500
D700-612	011342	SC9-25C 25mm	500
D700-615	011343	SC9-30C 30mm	500

ORDER CODE	SIZE REF	DESCRIPTION	QTY
D700-617	011344	SC9-35C 35mm	500
D700-620	011345	SC9-40C 40mm	300
D700-625	011346	SC9-50C 50mm	300
D700-630	011346	SC9-60C 60mm	300



### ● Threaded Pins for Spitfire P370

ORDER CODE	SIZE REF	DESCRIPTION	QTY
D700-703	M6	Threaded Pins	100



### • Drive Pins for TS750P/TS60P

These hardened drive pins have a universal 8/9mm guide and have 3.8mm diameter shank.



ORDER CODE	SIZE REF	L	SUITABLE FOR STEEL	CONCRETE	QTY
D701-107	LDU14E	14	•		100
D701-109	LDU18E	18	•		100
D701-111	LDU22	22	•		100
D701-112	LDU25	25	•	•	100
D701-116	LDU32	32	•	•	100
D701-119	LDU38	38	•	•	100
D701-121	LDU42	42	•	•	100

ORDER CODE	SIZE REF	L	SUITABLE FOR STEEL	CONCRETE	QTY
D701-125	LDU50	50	•	•	100
D701-128	LDU57	57	•	•	100
D701-132	LDU65	65	•	•	100
D701-137	LDU75	75	•	•	100
D701-145	LDU90	90	•	•	100
D701-149	LDU99	99	•	•	100

### • RHM - Cartridge Nails

These quality nails and cartridges are fully compatible with the Hilti DX450 machine. The hardened nails have 3.7mm diameter shank and come complete with a pre-mounted 12mm washer. The ballistic point gives safer and more effective penetration.



ORDER CODE	SIZE REF	L	QTY
D701-307	RHM14	14	100
D701-308	RHM16	16	100
D701-309	RHM19	19	100
D701-311	RHM22	22	100
D701-313	RHM27	27	100
D701-316	RHM32	32	100
D701-318	RHM37	37	100

ORDER CODE	SIZE REF	L	QTY
D701-321	RHM42	42	100
D701-323	RHM47	47	100
D701-327	RHM54	54	100
D701-331	RHM62	62	100
D701-336	RHM72	72	100
D701-341	RHM82	82	100
D701-348	RHM97	97	100

### • Cartridge Strips

Suitable for: HILTI DX450 (all strengths), Ramset TS750P/TS60P (green, yellow & red strengths)



ORDER CODE	SIZE REF	POWER RATING	QTY
D701-420	HG20 Green	Low	100
D701-421	HY21 Yellow	Low/Medium	100

ORDER CODE	SIZE REF	POWER RATING	QTY
D701-422	HR22 Red	Medium/High	100
D701-425	HB25 Black	Extra/High	100



## Pulsa Cordless Nailing Technology

Specially developed for the electrical/ mechanical and drywalling industries

### • PULSA 700E Cordless Gas Nailer For Mechanical & Electrical Contractors

ORDER CODE	ITW CODE	DESCRIPTION	QTY
D710-001	010327	Pulsa 700E + 2 x batteries	1

The fastest method of mechanical and electrical installation. Using patented gas energy, and designed with a number of new features allowing quicker, safer installation with greater user comfort.

#### Applications

- Skirting and Dado Trunking
- Mini Trunking Systems
- Metal Trunking Systems
- Steel Channel
- Cable & Basket Tray fixings
- Back Boxes
- Steel Conduct
- Switch Boxes

**For consumables see page 61**



### • PULSA 700P Cordless Gas Nailer For Dry-Wallers and General Contractors

ORDER CODE	ITW CODE	DESCRIPTION	QTY
D710-002	010328	Pulsa 700P + 2 x batteries	1

The fastest method of drywall installation. Cordless and quick to set up; users can move quickly and effectively without restriction. Very low vibration/recoil for safer and quieter use.

#### Applications

- Fixing drywall track system to concrete masonry & steel
- Fixing timber up to 20mm to concrete masonry & steel
- Fixing fire protection systems to steel



## Pulsa 700E/P Tool Specification

Substrates	Tool Specification	Cycle Rates
Concrete	Weight	Intermittent operation
Composite steel decking	Height	Fuel cell life
Solid brick	Length	Battery charge capacity
Precast hollow pot	Nail capacity	
Steel		
Pre-stressed concrete	Impact force	
Hollow block wall	Actuation pressure	
Reinforced concrete	Overdrive	
Wood		
Reinforced prefabricated concrete		





### ● Pulsa Accessories

ORDER CODE	ITW CODE	DESCRIPTION	QTY
D712-010	333700	Magnetic Nail Guide	1
D712-015	320940	Flat Magnetic Nail Guide	1
D712-020	337700	Flared Nail Guide	1
D712-025	336800	Electrical Nail Guide	1
D712-030	010670	40 Nail Magazine	1
D712-035	011120	Pole Tool	1
D712-040	334000	Battery	1
D712-045	900507	In-car Charger	1
D712-050	074020	Safety Glasses (to EN166:2002)	1
D712-055	010414	Dust Cover	1
D712-060	035460	Replacement Charger	1
D712-065	900506	AC/DC Adaptor	1
D712-070	115251	Impluse/Pulsa Cleaner	1

### ● All-purpose Nail range

All-Purpose Nail Range for steel and hard concrete fixing

ORDER CODE	ITW CODE	DESCRIPTION	QTY
D714-107	046300	SC6-15 15mm	500
D714-110	011226	SC6-20 20mm	500

(10 strip collation suitable for use in 20 & 40 pin magazine) + 1 x Fuel Cell

All-Purpose Nail Range for concrete fixing

ORDER CODE	ITW CODE	DESCRIPTION	QTY
D714-210	046310	C6-20 20mm	500
D714-212	046320	C6-25 25mm	500
D714-215	046330	C6-30 30mm	500
D714-217	046340	C6-35 35mm	500
D714-220	046350	C6-40 40mm	500

(10 strip collation suitable for use in 20 & 40 pin magazine) + 1 x Fuel Cell

### ● Flush Head Nail range

(leaves no plastic residue after firing)

Flush Head Nail Range for steel & hard concrete

ORDER CODE	ITW CODE	DESCRIPTION	QTY
D714-307	011885	FSC6-15 15mm	500

(10 strip collation suitable for use in 20 & 40 pin magazine) + 1 x Fuel Cell

Flush Head Nail Range for concrete

ORDER CODE	ITW CODE	DESCRIPTION	QTY
D714-310	011225	FC6-20 20mm	500
D714-312	011853	FC6-25 25mm	500
D714-315	011860	FC6-30 30mm	500

(10 strip collation suitable for use in 20 & 40 pin magazine) + 1 x Fuel Cell

### ● Soft Washered Nail range

(single shot unsuitable for magazine)

Soft Washered Nail Range for steel and hard concrete

ORDER CODE	ITW CODE	DESCRIPTION	QTY
D714-407	011210	SCG6-15 15mm	500

(10 strip collation) + 1 x Fuel Cell

Soft Washered Nail Range for Concrete

ORDER CODE	ITW CODE	DESCRIPTION	QTY
D714-410	046610	CG6-20 20mm	500
D714-412	046620	CG6-25 25mm	500
D714-415	011211	CG6-30 30mm	500
D714-417	011212	CG6-35 35mm	500

(10 strip collation) + 1 x Fuel Cell

### Electrical Consumables for use with the PULSA 700E

ORDER CODE	ITW CODE	DESCRIPTION	QTY
<b>E-Clip Conduit Clip</b>			
D716-008	565031	16mm Grey Conduit Clip	125
D716-010	565032	20mm Grey Conduit Clip	100
D716-012	565033	25mm Grey Conduit Clip	100
D716-016	565034	32mm Grey Conduit Clip	50
D716-020	565035	40mm Grey Conduit Clip	50
D716-025	565036	50mm Grey Conduit Clip	50
D716-110	565532	20mm Black Conduit Clip	100
D716-112	565533	25mm Black Conduit Clip	100
<b>ECAV Assembled E Clip</b>			
D716-208	565502	12-16mm ECAV Assembled E Clip	100
D716-211	565503	16-23mm ECAV Assembled E Clip	100
D716-212	565504	20-25mm ECAV Assembled E Clip	100
<b>P Clips for Conduit &amp; Pipe work</b>			
D716-308	565080	16mm Grey Single P Clip	150
D716-309	565081	18mm Grey Single P Clip	125
D716-310	565082	20mm Grey Single P Clip	100
D716-311	565083	22mm Grey Single P Clip	100
D716-312	565084	25mm Grey Single P Clip	75
D716-408	565085	16mm Grey Double P Clip	75
D716-410	565086	20mm Grey Double P Clip	50
D716-411	565087	22mm Grey Double P Clip	50
<b>Universal Conduit &amp; Pipe Clip</b>			
D716-508	921445	15-16mm Black Universal Clip	100
D716-510	921446	18-20mm Black Universal Clip	100
D716-512	921447	22-25mm Black Universal Clip	100
<b>Futurfix Pipe Clamp with EPDM insert (to be installed using CG6 nail range)</b>			
D716-608	921442	16mm Futurfix Pipe Clamp	50
D716-611	921443	22mm Futurfix Pipe Clamp	50
D716-614	921444	28mm Futurfix Pipe Clamp	50
<b>Clip Elec All-purpose Cable Tie Clips</b>			
D716-700	011203	Black All-purpose Cable Tie Clip	100
<b>CT Clip Assembled Cable Tie</b>			
D716-710	565508	16-32mm Grey Assembled Cable Tie Clip	100
D716-715	565509	16-32mm Black Assembled Cable Tie Clip	100
<b>Steel Washers (for use with magnetic guide D712-010)</b>			
D716-720	498150	Steel Washer 25mm	100
<b>Cable Bow Fixings</b>			
D716-730	010060	Single 8 Cable Bow (3 x 1.5mm <sup>2</sup> )	25
D716-735	010061	Double 16 Cable Bow (3 x 1.5mm <sup>2</sup> )	25
<b>Threaded Rod Hanger</b>			
D716-743	011430	M6/M8 Threaded Rod Hanger	100
D716-744	011431	M8/M10 Threaded Rod Hanger	100
<b>Pirelli FireFixTM</b>			
D718-205	UFPNF02W	FP200 Gold® White 2 Core x 1.5mm <sup>2</sup>	500
D718-210	UFPNF02R	FP200 Gold® Red 2 Core x 1.5mm <sup>2</sup>	500
D718-305	UFPNF02W	FP200 Gold® White 3 Core x 1.0mm <sup>2</sup>	500
D718-310	UFPNF02R	FP200 Gold® Red 3 Core x 1.0mm <sup>2</sup>	500
D718-405	UFPNF04W	FP200 Gold® White 3 Core x 1.5mm <sup>2</sup>	500
D718-410	UFPNF04R	FP200 Gold® Red 3 Core x 1.5mm <sup>2</sup>	500
D718-505	UFPNF04W	FP200 Gold® White 4 Core x 1.0mm <sup>2</sup>	500
D718-510	UFPNF04R	FP200 Gold® Red 4 Core x 1.0mm <sup>2</sup>	500
D718-605	UFPNF06W	FP200 Gold® White 4 Core x 1.5mm <sup>2</sup>	500
D718-610	UFPNF06R	FP200 Gold® Red 4 Core x 1.5mm <sup>2</sup>	500
D718-705	UFPNF06W	FP PlusTM White 2 Core x 1.5mm <sup>2</sup>	500
D718-710	UFPNF06R	FP PlusTM Red 2 Core x 1.5mm <sup>2</sup>	500



D716-012



D716-211



D716-312



D716-510



D716-611



D716-700



D716-715



D716-720



D716-730



D716-743



### Security Fixings

The need for security fixings is ever increasing. Security fixings are used to protect property from theft and unauthorised interference.

Security fixing applications can be found in prisons, hospitals, schools, museums etc. and on alarms, signs, street furniture, fencing, security cameras etc.

All items featured here are available to special order. Please enquire for prices and size availability.

#### • Hex Socket Pin Screws

Virtually impossible to remove without the matching screwdriver.

Self Tappers and Machine Screw including M3.5 raised countersunk for electrical industry.

#### • Oval Pan Head Screw

Look round but in actual fact is oval.

Installation and removal only by using the special oval shaped cup socket tool.

Looks like a weld stud or rivet.

Mild steel bright zinc plated.

#### • 4-Hole Security Nut

Virtually impossible to remove without the registered driver tool.

Narrow circular groove above the small locating holes renders this nut tamperproof.

Stainless Steel.

#### • Armour Ring

Simple Conical Collar to hammer on to standard hex bolt heads or nuts to make them secure.

Not subject to torque ratings.

Will fit any British Standard or DIN standard hex bolts and nuts.

International Pat. No. 9111119559.4.

#### • Nogo Nut

Bolt & Nut enclosures for standard fasteners. Virtually impossible to remove with normal tools.

Home Office Approved.

#### • Security Grille Anchor

We have included this item in our range due to an increasing demand for vandal proof and high security fixings.

Used for many purposes such as grilles and bars, security lighting and cameras, shutter doors, signs, garden and playground furniture, fencing etc.

##### Installation procedures:

- Mark out position of fixing and drill hole
- Clear out any debris
- Install shield in hole
- Pass bolt through fixture and tighten anchor
- Drill out the hexagon recess in the head to give a permanent tamper resistant fixing.

ORDER  
CODE

SIZE  
REF



D731-400

SGA M8

14

30

50

ORDER  
CODE

SIZE  
REF



D731-500

SGA M10

16

30

50



# Nails, Hinges & Ironmongery

## Security Fixings

4

### • Shear Nuts

This effective but simple idea has been used for a number of years in all types of security applications. The nut is tightened to a pre-designed maximum torque load and the top hexagon part breaks off providing a high security finish to all types of bolts.

Can be used with standard bolts or some concrete anchor fixings.

ORDER CODE	SIZE REF		QTY
D741-400	SNO8 BZP	M8	100
D741-500	SNO10 BZP	M10	100
D741-600	SNO12 BZP	M12	100

ORDER CODE	SIZE REF		QTY
D742-400	SNO8 GALV	M8	100
D742-500	SNO10 GALV	M10	100
D742-600	SNO12 GALV	M12	100

### • Galv Saddle bolts

These Saddle Bolts are designed for use in conjunction with our Galv Shear Nuts on pallisade type security fencing.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
D743-420	M8 x 40	Galv Saddle Bolts	100

ORDER CODE	SIZE REF	DESCRIPTION	QTY
------------	----------	-------------	-----

### • Kinmar Permanent Security Nuts

A unique hi torque tamper resistant security nut that is a superior alternative to a Shear Nut.

A matching drive tool allows tightening to desired torque giving a permanent fastening. Ideal for use on concrete anchors, security fencing, playgrounds, street furniture, public transport etc.

Also available in a torque resistant removable version.

ORDER CODE	SIZE REF		QTY
D751-300	M6	BZP	100
D751-400	M8	BZP	100
D751-500	M10	BZP	100
D751-600	M12	BZP	100

ORDER CODE	SIZE REF	DESCRIPTION	QTY
D752-300	M6	Kinmar Drive Tool	1
D752-400	M8	Kinmar Drive Tool	1
D752-500	M10	Kinmar Drive Tool	1
D752-600	M12	Kinmar Drive Tool	1

### • Sentinel Security Screws

Sentinel Security Screws are based on a supadrive recess but not allowing the screw to be undone. This is a very useful screw but is not suitable where periodic removal of the screw is required. The screws are hardened steel with a Bright Zinc Plated finish.

ORDER CODE	SIZE REF		QTY
D771-410	3/4 x 8	No. 2 Pozi	200
D771-412	1 x 8	No. 2 Pozi	200
D771-416	1 1/4 x 8	No. 2 Pozi	200
D771-419	1 1/2 x 8	No. 2 Pozi	200

ORDER CODE	SIZE REF		QTY
D771-516	1 1/4 x 10	No. 2 Pozi	200
D771-519	1 1/2 x 10	No. 2 Pozi	200
D771-625	2 x 12	No. 3 Pozi	200



### • Torx\* with Pin Security Screws

Torx with Pin Security screws require matching driver for installation and removal. Ideal for restricting unauthorised access and for added security in many varied applications. Manufactured from A2 Stainless Steel.



As the Security Screws range is so vast only sizes marked # are stocked. All other sizes are available to order.

### Button Head Self Tapping Screws

ORDER CODE	SIZE REF	DRV	QTY
D791-306	6g x 1/2	TZD 15 PIN	100
D791-310	6g x 3/4	TZD 15 PIN	100
D791-312	6g x 1	TZD 15 PIN	100
D791-410	8g x 3/4	TZD 20 PIN	#100
D791-412	8g x 1	TZD 20 PIN	#100

ORDER CODE	SIZE REF	DRV	QTY
D791-416	8g x 1 1/4	TZD 20 PIN	#100
D791-419	8g x 1 1/2	TZD 20 PIN	#100
D791-510	10g x 3/4	TZD 25 PIN	100
D791-512	10g x 1	TZD 25 PIN	100
D791-516	10g x 1 1/4	TZD 25 PIN	100

### Countersunk Self Tapping Screws

ORDER CODE	SIZE REF	DRV	QTY
D801-306	6g x 1/2	TZD 15 PIN	100
D801-310	6g x 3/4	TZD 15 PIN	100
D801-312	6g x 1	TZD 15 PIN	100
D801-410	8g x 3/4	TZD 20 PIN	#100
D801-412	8g x 1	TZD 20 PIN	#100
D801-416	8g x 1 1/4	TZD 20 PIN	#100

ORDER CODE	SIZE REF	DRV	QTY
D801-419	8g x 1 1/2	TZD 20 PIN	#100
D801-510	10g x 3/4	TZD 25 PIN	100
D801-512	10g x 1	TZD 25 PIN	100
D801-516	10g x 1 1/4	TZD 25 PIN	100
D801-519	10g x 1 1/2	TZD 25 PIN	#100

### Button Head Machine Screws

ORDER CODE	SIZE REF	DRV	QTY
D811-105	M4 x 10	TZD 20 PIN	100
D811-106	M4 x 12	TZD 20 PIN	100
D811-108	M4 x 16	TZD 20 PIN	100
D811-110	M4 x 20	TZD 20 PIN	100
D811-112	M4 x 25	TZD 20 PIN	100
D811-206	M5 x 12	TZD 25 PIN	100
D811-208	M5 x 16	TZD 25 PIN	100
D811-210	M5 x 20	TZD 25 PIN	100

ORDER CODE	SIZE REF	DRV	QTY
D811-212	M5 x 25	TZD 25 PIN	100
D811-215	M5 x 30	TZD 25 PIN	100
D811-306	M6 x 12	TZD 30 PIN	100
D811-310	M6 x 20	TZD 30 PIN	100
D811-312	M6 x 25	TZD 30 PIN	100
D811-315	M6 x 30	TZD 30 PIN	100
D811-320	M6 x 40	TZD 30 PIN	100

### Countersunk Machine Screws

ORDER CODE	SIZE REF	DRV	QTY
D821-105	M4 x 10	TZD 20 PIN	100
D821-106	M4 x 12	TZD 20 PIN	100
D821-108	M4 x 16	TZD 20 PIN	100
D821-110	M4 x 20	TZD 20 PIN	100
D821-112	M4 x 25	TZD 20 PIN	100
D821-206	M5 x 12	TZD 25 PIN	100
D821-208	M5 x 16	TZD 25 PIN	100
D821-210	M5 x 20	TZD 25 PIN	100

ORDER CODE	SIZE REF	DRV	QTY
D821-212	M5 x 25	TZD 25 PIN	100
D821-215	M5 x 30	TZD 25 PIN	100
D821-306	M6 x 12	TZD 30 PIN	100
D821-310	M6 x 20	TZD 30 PIN	100
D821-312	M6 x 25	TZD 30 PIN	100
D821-315	M6 x 30	TZD 30 PIN	100
D821-320	M6 x 40	TZD 30 PIN	100

\*Torx is a registered trademark of Camcar Textron Inc.

Enquire for discount on larger quantity.  
Minimum order quantity is 25 No.  
Orders under 100 subject to + 20%.

**For Security  
Screwdriver Bits  
see page 219**



# Nails, Hinges & Ironmongery

## Security Screws

4

### Two-hole Security Screws

Two-hole security screws use a unique driving system which enables both insertion and extraction only by persons having the correct tool. Ideal for areas where tamper resistance is paramount (e.g. Electronics, Alarm Systems, Office Equipment etc.) but enabling access to authorised persons. They are supplied in A2 stainless steel in both machine screws and self tapping screws.



### Pan Head Self Tapping Screws

ORDER CODE	SIZE REF	DRV	QTY
D831-306	6g x 1 1/2	TH4	100
D831-310	6g x 3/4	TH4	100
D831-312	6g x 1	TH4	100
D831-410	8g x 3/4	TH5	#100
D831-412	8g x 1	TH5	#100
D831-416	8g x 1 1/4	TH5	#100
D831-419	8gx 1 1/2	TH5	#100

ORDER CODE	SIZE REF	DRV	QTY
D831-425	8g x 2	TH5	#100
D831-510	10g x 3/4	TH6	100
D831-512	10g x 1	TH6	100
D831-516	10g x 1 1/4	TH6	100
D831-519	10g x 1 1/2	TH6	100
D831-525	10g x 2	TH6	100

### Countersunk Self Tapping Screws

ORDER CODE	SIZE REF	DRV	QTY
D841-306	6g x 1 1/2	TH4	100
D841-310	6g x 3/4	TH4	100
D841-312	6g x 1	TH4	100
D841-410	8g x 3/4	TH5	#100
D841-412	8g x 1	TH5	#100
D841-416	8g x 1 1/4	TH5	#100
D841-419	8gx 1 1/2	TH5	#100

ORDER CODE	SIZE REF	DRV	QTY
D841-425	8g x 2	TH5	#100
D841-510	10g x 3/4	TH6	100
D841-512	10g x 1	TH6	100
D841-516	10g x 1 1/4	TH6	100
D841-519	10g x 1 1/2	TH6	100
D841-525	10g x 2	TH6	#100

### Pan Head Machine Screws

ORDER CODE	SIZE REF	DRV	QTY
D851-055	M3 x 10	TH3	100
D851-056	M3 x 12	TH3	100
D851-058	M3 x 16	TH3	100
D851-105	M4 x 10	TH5	100
D851-106	M4 x 12	TH5	100
D851-108	M4 x 16	TH5	100
D851-110	M4 x 20	TH5	100
D851-112	M4 x 25	TH5	100
D851-206	M5 x 12	TH6	100

ORDER CODE	SIZE REF	DRV	QTY
D851-208	M5 x 16	TH6	100
D851-210	M5 x 20	TH6	100
D851-212	M5 x 25	TH6	100
D851-215	M5 x 30	TH6	100
D851-306	M6 x 12	TH8	100
D851-310	M6 x 20	TH8	100
D851-312	M6 x 25	TH8	100
D851-315	M6 x 30	TH8	100
D851-320	M6 x 40	TH8	100

### Countersunk Machine Screws

ORDER CODE	SIZE REF	DRV	QTY
D861-055	M3 x 10	TH3	100
D861-056	M3 x 12	TH3	100
D861-058	M3 x 16	TH3	100
D861-105	M4 x 10	TH5	100
D861-106	M4 x 12	TH5	100
D861-108	M4 x 16	TH5	100
D861-110	M4 x 20	TH5	100
D861-112	M4 x 25	TH5	100
D861-206	M5 x 12	TH6	100

ORDER CODE	SIZE REF	DRV	QTY
D861-208	M5 x 16	TH6	100
D861-210	M5 x 20	TH6	100
D861-212	M5 x 25	TH6	100
D861-215	M5 x 30	TH6	100
D861-306	M6 x 12	TH8	100
D861-310	M6 x 20	TH8	100
D861-312	M6 x 25	TH8	100
D861-315	M6 x 30	TH8	100
D861-320	M6 x 40	TH8	100

### Raised Countersunk Machine Screws

For electrical switch boxes. Manufactured from A2 Stainless Steel.

ORDER CODE	SIZE REF	DRV	QTY
D861-912	M3.5 x 25	TH4	#100
D861-915	M3.5 x 30	TH4	#100

ORDER CODE	SIZE REF	DRV	QTY
D861-925	M3.5 x 50	TH4	100

As the Security Screws range is so vast only sizes marked # are stocked. All other sizes are available to order.



Nails, Hinges & Ironmongery

Order with confidence from our extensive stocks

65



### • Backflap Hinges

ORDER CODE	SIZE REF			QTY
E311-012	25mm	ST	6g	500
E311-015	31mm	ST	7g	400

ORDER CODE	SIZE REF			QTY
E311-019	38mm	ST	7g	200
E311-025	50mm	ST	8g	200

### • 1838 Light Pattern Butt Hinges

ORDER CODE	SIZE REF			QTY
E601-012	25mm	ST	4g	50
E601-019	38mm	ST	5g	20
E601-025	50mm	ST	6g	20
E601-031	63mm	ST	6g	20
E601-037	75mm	ST	7g	20
E601-050	100mm	ST	8g	10

ORDER CODE	SIZE REF			QTY
E601-119	38mm	EB	5g	250
E601-125	50mm	EB	6g	500
E601-131	63mm	EB	6g	400
E601-137	75mm	EB	7g	100
E601-150	100mm	EB	8g	100
E601-437	75mm	ZP	7g	20
E601-450	100mm	ZP	8g	10

### • 451 Heavy Duty Pattern Butt Hinges

ORDER CODE	SIZE REF			QTY
E621-050	100mm	ST	10g	40

ORDER CODE	SIZE REF			QTY
------------	----------	--	--	-----

### • 899 Extra Strong Double Flap Butt Hinges

These butt hinges are available undrilled for welding applications or with standard screw holes.

ORDER CODE	SIZE REF			QTY
E631-037	75mm (899)	ST	N/A	10
E631-050	100mm (899)	ST	N/A	10

ORDER CODE	SIZE REF			QTY
E631-091	75mm (899)	ST	10g	10

### • Un-drilled Steel Piano Hinge

This piano hinge is ideal for welding applications. Self Colour Steel.

ORDER CODE	SIZE REF			QTY
E641-025	51mm x 2mm x 1800mm	ST		1

ORDER CODE	SIZE REF			QTY
------------	----------	--	--	-----

### • Ball Bearing Butt Hinges

ORDER CODE	SIZE REF			QTY
E641-137	75mm x 50mm	Brass	8g	10
E641-237	75mm x 50mm	Satin S/S	8g	10

ORDER CODE	SIZE REF			QTY
E641-450	100mm x 75mm	Brass	10g	10
E641-550	100mm x 75mm	Satin S/S	10g	10



### • Solid Drawn Brass Butt Hinges

ORDER CODE	SIZE REF			QTY
E651-019	38 x 22mm open	SB	4g	20
E651-025	50x 28mm open	SB	5g	20
E651-031	63 x 35mm open	SB	6g	20
E651-037	75 x 40mm open	SB	7g	20
E651-050	100 x 60mm open	SB	8g	10



### • Double Steel Washered Brass Butt Hinges

ORDER CODE	SIZE REF			QTY
E661-837	75mm pol	SB	8g	20
E661-850	100mm pol	SB	10g	10
E661-950	100mm pol PBW*	SB	10g	10

\*Phosphor bronze washers for exterior use



### • Stormproof Hinges

ORDER CODE	SIZE REF			QTY
E671-110	63mm 1951 Pattern	*EB	7g	20
E671-140	63mm 1951 Pattern	ZP	7g	20
E671-180	63mm 1951 Pattern	BP	7g	20
E671-240	63mm 3207 Wide Gap	ZP	7g	20
E671-350	63mm 1815 Flush	ZYP	7g	20



### • Tee Hinges (BJ & ZP)

ORDER CODE	SIZE REF			QTY
E701-750	100mm light patt	BJ	6g	20
E701-760	150mm light patt	BJ	6g	20
E701-770	200mm light patt	BJ	6g	20
E701-775	250mm light patt	BJ	6g	20
E701-780	300mm light patt	BJ	6g	20
E701-781	350mm med patt	BJ	8g	20
E701-782	400mm med patt	BJ	8g	20
E701-783	450mm med patt	BJ	10g	20
E711-450	100mm light patt	ZP	6g	20
E711-460	150mm light patt	ZP	6g	20
E711-470	200mm light patt	ZP	6g	20
E711-475	250mm light patt	ZP	6g	20
E711-480	300mm light patt	ZP	6g	20



#### KEY TO FINISHES



ST - Steel Self Colour	BJ -Black Japanned
ZYP - Zinc & Yellow Passivated	BP - Brown Polyester
EB - Electro Brassed	ZP - Zinc Plated
* not suitable for outside use	SB - Solid Brass





### • Cranked Hook and Band Hinge

ORDER CODE	SIZE REF			QTY
E721-181	350mm/No 130	Black	10g	1pr
E721-182	450mm/No 130	Black	10g	1pr
E721-183	600mm/No 130	Black	10g	1pr
E721-281	350mm/No 130	Galv	10g	1pr
E721-282	450mm/No 130	Galv	10g	1pr
E721-283	600mm/No 130	Galv	10g	1pr


### • Tower Bolts - Enclosed

ORDER CODE	SIZE REF			QTY
E721-301	100mm/No 923A	Black	8g	10
E721-302	200mm/No 923A	Black	8g	10
E721-303	300mm/No 923A	Black	8g	10
E721-311	100mm/No 923A	Galv	8g	10
E721-312	200mm/No 923A	Galv	8g	10
E721-313	300mm/No 923A	Galv	8g	10

### • Brenton Pad Bolt

ORDER CODE	SIZE REF			QTY
E721-321	100mm/No 2A	Black	8g	10
E721-322	200mm/No 2A	Black	8g	10
E721-323	300mm/No 2A	Black	8g	10
E721-331	100mm/No 2A	Galv	8g	10
E721-332	200mm/No 2A	Galv	8g	10
E721-333	300mm/No 2A	Galv	8g	10

### • Auto Gate Catch

ORDER CODE	SIZE REF			QTY
E721-341	No 1932	Black	8g	5
E721-342	No 1932	Galv	8g	5



### • Ring Handle Latch Set

ORDER CODE	SIZE REF			QTY
E721-351	150mm/No 1136	Black	8g	5
E721-352	150mm/No 1136	Galv	8g	5

### • Suffolk Latch

ORDER CODE	SIZE REF			QTY
E721-355	No 20/4	Black	8g	5
E721-357	No 20/4	Galv	8g	5

### • Safety Hasp and Staple

ORDER CODE	SIZE REF			QTY
E721-361	150mm/No HS617	Black	8g	5
E721-362	150mm/No HS617	Galv	8g	5



# Nails, Hinges & Ironmongery

## Fasteners, Brackets

4

### Keku Fasteners

#### • Push in Fittings

ORDER CODE	SIZE REF			
FF15-010	Male	Black	8g	100

ORDER CODE	SIZE REF			
FF15-020	Female	Black	8g	100

#### • Suspension Fittings

ORDER CODE	SIZE REF			
FF15-030	Male	Black	8g	100
FF15-040	Female	Black	8g	100

ORDER CODE	SIZE REF			
FF15-050	Female/Guide	Black	8g	100

#### • Barrel Bolts

Manufactured to a popular design, these inexpensive barrel bolts will suit many every day applications. Different sizes available to order.

ORDER CODE	SIZE REF			
FF19-592	100mm Straight	Brass	4g	50
FF19-596	100mm Straight	Alu	4g	50

ORDER CODE	SIZE REF			
FF19-692	100mm Cranked	Brass	4g	50
FF19-696	100mm Cranked	Alu	4g	50

#### • Cable Outlets

Two part cable outlet, sleeve and coverplate. The coverplate has a spring loaded section which can be swivelled away to allow cables through.

ORDER CODE	SIZE REF			
FI24-409	80mm	Black		10
FI24-440	80mm	Sepia Brown		10

ORDER CODE	SIZE REF			
FI24-444	80mm	Beige		10
FI24-451	80mm	Light Grey		10

### Brackets

#### • Corner Braces

ORDER CODE	SIZE REF			
FJ01-025	25 x 25mm	ST	6g	50
FJ01-040	40 x 40mm	ST	6g	50
FJ01-050	50 x 50mm	ST	6g	50

ORDER CODE	SIZE REF			
FJ01-065	65 x 65mm	ST	6g	50
FJ01-075	75 x 75mm	ST	6g	40
FJ01-100	100 x 100mm	ST	8g	25

#### • Stretcher Brackets

ORDER CODE	SIZE REF			
FJ03-315	No.315 28 x 25mm	ST	8g	250

#### • Corner Plates

ORDER CODE	SIZE REF			
FJ05-050	50 x 50mm	ST	5g	50

ORDER CODE	SIZE REF			
FJ05-075	75 x 75mm	ST	8g	50

#### • Mending Plates

ORDER CODE	SIZE REF			
FJ08-075	75mm	ST	6g	50

ORDER CODE	SIZE REF			
FJ08-100	100mm	ST	6g	50

Sameday deliveries available on request

69



### • Worktop Connectors

Manufactured in bright zinc plated steel these worktop connectors provide a strong connection when making butt end or corner joints in worktops. They are designed to utilise a 35mm hole (compatible with concealed hinge recess sizes) together with a connecting slot routed between the hole in each worktop.

ORDER CODE	SIZE REF		QTY
FJ50-332	M6 x 65	BZP	10

ORDER CODE	SIZE REF		QTY
FJ50-360	M6 x 150	BZP	10



### • Modesty Blocks

ORDER CODE	SIZE REF				QTY
FJ52-105	37mm	White	○	6g	1000
FJ52-140	37mm	Brown	●	6g	1000

ORDER CODE	SIZE REF				QTY
FJ52-144	37mm	Beige	●	6g	1000

### • Twin-Slot Shelving System

#### Uprights - Wall Fixed

ORDER CODE	H	QTY
H301-043	430mm	10
H301-071	710mm	10
H301-100	1000mm	10
H301-122	1220mm	10

ORDER CODE	H	QTY
H301-160	1600mm	10
H301-198	1980mm	10
H301-240	2400mm	10

#### Straight Brackets

ORDER CODE	W	QTY
H311-120	120mm	10
H311-170	170mm	10
H311-220	220mm	10
H311-270	270mm	10
H311-320	320mm	10

ORDER CODE	W	QTY
H311-360	365mm	10
H311-361	365mm (Heavy Duty)	10
H311-470	470mm	10
H311-610	610mm	10

#### Book Ends

ORDER CODE	SIZE REF	DESCRIPTION	QTY
H321-150	150mm	Spring book end	2

ORDER CODE	SIZE REF	DESCRIPTION	QTY
------------	----------	-------------	-----

**\* Other twin slot shelving items are available to special order. Please enquire with our sales department.**

**Other colours also available**

**A far larger range of cabinet fittings is featured in our Fittings Catalogue which is available on request. The range includes: catches, cabinet hinges, decorative tubing, angle brackets, knock down fittings, bed brackets etc.**





# Builders Metalwork





## Builders Metalwork

We stock a comprehensive range of builders' metalwork including restraint straps, joist hangers, truss clips, wall ties, frame cramps etc.

In addition to our comprehensive stocks, specially manufactured items can be ordered and turned around quickly.

Most items have a galvanised finish as standard but can also be ordered in stainless steel if required. Full technical details and loadings on all products are available from our sales office.

### • Standard Type-SH Joist Hangers

Type-SH is the standard heavy duty hanger for building onto brick or blockwork.

N.B. Hangers 150mm deep and above are produced 10mm shallower to accommodate regularised timber.

JOIST WIDTH	JOIST WIDTH						
	100mm	125mm	150mm	175mm	200mm	225mm	250mm
38mm	K010-050	K010-055	K010-060	K010-065	K010-070	K010-072	K010-075
50mm	K010-250	K010-255	K010-260	K010-265	K010-270	K010-272	K010-275
63mm	K010-350	K010-355	K010-360	K010-365	K010-370	K010-372	K010-375
75mm	K010-450	K010-455	K010-460	K010-465	K010-470	K010-472	K010-475
100mm	K010-650	K010-655	K010-660	K010-665	K010-670	K010-672	K010-675
125mm	K010-750	K010-755	K010-760	K010-765	K010-770	K010-772	K010-775
150mm	K010-850	K010-855	K010-860	K010-865	K010-870	K010-872	K010-875

### • Return Type – RH Joist Hangers

The Type-RH return top flange hanger hooks over the brick/block which greatly increases lateral support.

They have a 25mm return flange are made to suit 100mm blockwork. Other size variations made to order.

N.B. Hangers 150mm deep and above are produced 10mm shallower to accommodate regularised timber.

JOIST WIDTH	JOIST WIDTH						
	100mm	125mm	150mm	175mm	200mm	225mm	250mm
38mm	K121-050	K121-055	K121-060	K121-065	K121-070	K121-072	K121-075
50mm	K121-250	K121-255	K121-260	K121-265	K121-270	K121-272	K121-275
63mm	K121-350	K121-355	K121-360	K121-365	K121-370	K121-372	K121-375
75mm	K121-450	K121-455	K121-460	K121-465	K121-470	K121-472	K121-475
100mm	K121-650	K121-655	K121-660	K121-665	K121-670	K121-672	K121-675
125mm	K121-750	K121-755	K121-760	K121-765	K121-770	K121-772	K121-775
150mm	K121-850	K121-855	K121-860	K121-865	K121-870	K121-872	K121-875

### • Double Type-DH Joist Hanger

The double type joist hanger is used when timber joists positions are directly opposite each other. Size range is identical to the Type-SH hanger. Available to order only.

Product Code K141-xxx

### • FaceFix Type-FF Joist Hanger

A joist hanger for bolting to the vertical surface of concrete, masonry or steelwork.

ORDER CODE	SIZE REF	QTY	ORDER CODE	SIZE REF	QTY
K161-068	FF-38 / 190mm	20	K161-468	FF75 / 190mm	20
K161-268	FF50 / 190mm	20	K161-668	FF100 / 190mm	20
K161-368	FF63 / 190mm	20	K161-868	FF150 / 190mm	20

Other sizes and specials available to order in galv or stainless steel.

### ● Economy Hangers

The economy hangers are designed for timber to timber applications and are made from 1mm thick galvanised pressed steel. Side and leg lengths are approximate.

ORDER CODE	SIZE REF	DESCRIPTION	JOIST WIDTH	SIDE HEIGHT	LEG LENGTH	MAX JOIST DEPTH	QTY
K201-050	MH/38	Mini Hanger	38mm	70mm			250
K201-250	MH/50	Mini Hanger	50mm	65mm			250
K202-050	MTS/38	Mono Truss Shoe	38mm	90mm			100
K202-250	MTS/50	Mono Truss Shoe	50mm	80mm			100
K211-065	SH-LD/38	Short Economy Hanger	38mm	100mm	190mm	175mm	100
K211-265	SH-LD/50	Short Economy Hanger	50mm	100mm	190mm	175mm	100
K221-075	ST-LD/38	STD Economy Hanger	38mm	140mm	320mm	150-250mm	100
K221-275	ST-LD/50	STD Economy Hanger	50mm	130mm	320mm	150-250mm	100
K221-375	ST-LD/63	STD Economy Hanger	63mm	120mm	320mm	150-250mm	100
K221-475	ST-LD/75	STD Economy Hanger	75mm	110mm	320mm	150-250mm	100
K211-675	ST-LD/100	STD Economy Hanger	100mm	110mm	320mm	150-250mm	100
K231-080	LL-MD/38	Long Medium Hanger	38mm	185mm	460mm		25
K231-280	LL-MD/50	Long Medium Hanger	50mm	185mm	460mm		25
K231-380	LL-MD/63	Long Medium Hanger	63mm	185mm	460mm		25
K231-480	LL-MD/75	Long Medium Hanger	75mm	185mm	460mm		25
K231-680	LL-MD/100	Long Medium Hanger	100mm	185mm	460mm		25
K231-780	LL-MD/125	Long Medium Hanger	125mm	185mm	460mm		25
K231-880	LL-MD/150	Long Medium Hanger	150mm	185mm	460mm		25



### ● Girder Truss Shoe – Type TS

Designed to provide a structural connection between a truss and a girder truss or beam. Made from 1.2mm galv steel. Joist bearing area 100mm.

ORDER CODE	SIZE REF	JOIST WIDTH	QTY	ORDER CODE	SIZE REF	JOIST WIDTH	QTY
K241-050	TS/38	38mm	50	K241-450	TS/75	75mm	50
K241-250	TS/50	50mm	50	K241-650	TS/100	100mm	50
K241-350	TS/63	63mm	50				



### ● Multi-Truss Hanger – Type MTH

For use in heavy duty applications such as multiple truss units, main trimmer joists, purlin to beam connections or similar situations where unusually heavy loads occur. Manufactured from 2mm thick galvanised steel. Bolt hole to suit M12 fixing, nail holes 4mm diameter.

ORDER CODE	SIZE REF	JOIST WIDTH	SIDE HEIGHT	QTY
K251-082	MTH/380/38	38mm	171mm	50
K251-282	MTH/380/50	50mm	165mm	50
K251-482	MTH/380/75	75mm	152mm	50
K251-682	MTH/380/100	100mm	140mm	50
K261-284	MTH/500/50	50mm	225mm	25
K261-484	MTH/500/75	75mm	212mm	25
K261-684	MTH/500/100	100mm	200mm	25
K261-784	MTH/500/125	125mm	188mm	25
K261-884	MTH/500/150	150mm	175mm	25
K271-785	MTH/620/125	125mm	247mm	25
K271-885	MTH/620/150	150mm	235mm	25

Other sizes and configurations available to order - please enquire.



### • Girder to Girder Hangers

A heavy duty shoe specifically designed for supporting a secondary multiple truss or purlin off another beam or multiple girder truss.  
Safe working loads shown only apply when using the M20 set screws (supplied) plus 30 x 3.75 standardised square twisted nails (not supplied).

ORDER CODE	SIZE REF	WIDTH	DEPTH	SWL	QTY
K281-484	GTH/18	80mm	500mm	18kn	50
K281-784	GTH/24	125mm	550mm	24kn	50
K281-885	GTH/36	150mm	650mm	36kn	50

### • Truss Clips

ORDER CODE	SIZE REF	JOIST WIDTH	QTY
K291-010	TC/38	38mm	250
K291-200	TC/50	50mm	250

### • Framing Anchor

Universal version can be used for connecting roof timbers.

ORDER CODE	SIZE REF	DESCRIPTION	H	QTY
K301-055	FA/UNI	Universal Framing Anchor	125mm	250

### • Splice Plate

An economical on-site method of butt jointing timbers of similar section. 1mm galv steel with a 15mm fold.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
K311-681	SP 335 x 110mm	Splice Plate	100

### • Nail Plates

Nail plates are a cost effective method of joining structural timbers and are made from 1mm galv steel.

ORDER CODE	SIZE REF	QTY	ORDER CODE	SIZE REF	QTY
K321-260	NP/50 x 150mm	250	K321-670	NP/100 x 200	100
K321-470	NP/80 x 200mm	200	K321-870	NP/150 x 200	100

### • Safe Plates

Safe plates are secured to timber with the pre-punched spikes and are used to protect pipes and cables from accidental nailing.

ORDER CODE	SIZE REF	QTY	ORDER CODE	SIZE REF	QTY
K341-045	SPL/35 x 93mm	500	K341-245	SPL/50 x 93mm	500



# Builders' Metalwork

## Brackets, Banding & Frame Cramps

5

### Hold Down Angles

ORDER CODE	SIZE REF	SIZE	QTY
K351-080	HAD 300	32 x 32 x 300mm Long	50

### Angle Brackets

A multi-purpose bracket which can be used with nails, screws, bolts etc. Made from 2.5mm galv steel.

ORDER CODE	SIZE REF	SIZE	QTY
K361-030	AB/60 x 40	60mm	100
K361-545	AB/90 x 90	65mm	100
K361-560	AB/150 x 90	65mm	100
K361-860	AB/150 x 150	65mm	50

### Builders' Banding

This perforated banding has a variety of uses for bracing, repairs etc. Made from 1mm thick galv steel.

ORDER CODE	SIZE REF	SIZE	QTY
K371-010	BB/20mm	20 x 1mm x 10m	1

### Herringbone Joist Strut

Provides lateral support to floor joists.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
K381-082	HJS/400	Suits Joists at 400mm Centres	100
K381-083	HJS/450	Suits Joists at 450mm Centres	100
K381-085	HJS/600	Suits Joists at 600mm Centres	100

### Window Board Tie

ORDER CODE	SIZE REF	DESCRIPTION	QTY
K391-670	WBT/200 x 100mm	Bent Window Board Tie	100

### Safety End Frame Cramp

With 50mm upstand and 3 fixing holes. Available in galv steel or stainless steel.

ORDER CODE	SIZE REF	MATERIAL	QTY
K401-160	FC-G 150mm	Galv	200
K401-170	FC-G 200mm	Galv	200
K401-175	FC-G 250mm	Galv	100
K401-360	FC-SS 150mm	Stainless	200
K401-370	FC-SS 200mm	Stainless	200
K401-375	FC-SS 250mm	Stainless	100

### Expanded Metal Brickwork Reinforcement

ORDER CODE	SIZE REF	SIZE	MATERIAL	QTY
K411-031	EMR 63	63mm x 20m	GALV	1 roll
K411-050	EMR 100	100mm x 20m	GALV	1 roll
K411-065	EMR 175	175mm x 20m	GALV	1 roll

Many items also available in stainless steel, please enquire.



Builders' Metalwork

Next day delivery Nationwide

75

### • Galvanised Restraint Straps



OVERALL LENGTH mm	HORIZONTAL / LATERAL GALV RESTRAINT STRAPS 30MM WIDE X 5MM THICK				10 PER PACK	VERTICAL GALV RESTRAINT STRAPS 30MM WIDE X 2.5MM THICK				20 PER PACK
	STRAIGHT STRAP	BENT 90° AT 100MM	BENT 90° AT 150MM	TWIST AT 100MM		STRAIGHT STRAP	BENT 90° AT 100MM	BENT 90° AT 150MM	TWIST AT 100MM	
500	K451-005	K461-105	K471-205	K481-505		K501-005	K511-105	K521-205	K531-505	
600	K451-006	K461-106	K471-206	K481-506		K501-006	K511-106	K521-206	K531-506	
700	K451-007	K461-107	K471-207	K481-507		K501-007	K511-107	K521-207	K531-507	
800	K451-008	K461-108	K471-208	K481-508		K501-008	K511-108	K521-208	K531-508	
900	K451-009	K461-109	K471-209	K481-509		K501-009	K511-109	K521-209	K531-509	
1000	K451-010	K461-110	K471-210	K481-510		K501-010	K511-110	K521-210	K531-510	
1100	K451-011	K461-111	K471-211	K481-511		K501-011	K511-111	K521-211	K531-511	
1200	K451-012	K461-112	K471-212	K481-512		K501-012	K511-112	K521-212	K531-512	
1300	K451-013	K461-113	K471-213	K481-513		K501-013	K511-113	K521-213	K531-513	
1400	K451-014	K461-114	K471-214	K481-514		K501-014	K511-114	K521-214	K531-514	
1500	K451-015	K461-115	K471-215	K481-515		K501-015	K511-115	K521-215	K531-515	
1600	K451-016	K461-116	K471-216	K481-516		K501-016	K511-116	K521-216	K531-516	
1800	K451-018	K461-118	K471-218	K481-518		K501-018	K511-118	K521-218	K531-518	

Other sizes and configurations available - please enquire.

### • Rolled Edge Restraint Straps

These straps are lighter and easier to handle than the standard galv straps but are equal to them in strength. They are pre-galvanised to BS.EN.10142:1991(G275) and are NHBC Accepted.



ORDER CODE	SIZE REF	DESCRIPTION	QTY
K551-112	1200 x 30 x 1.0mm	Vertical Rolled Edge Strap bent at 100mm	20
K561-212	1200 x 30 x 1.5mm	Horizontal Rolled Edge Strap bent at 150mm	20
K561-216	1600 x 30 x 1.5mm	Horizontal Rolled Edge Strap bent at 150mm	20



### • Butterfly Wall Ties

Stainless steel wall ties which include twist to allow moisture to drip off.



ORDER CODE	SIZE REF	DESCRIPTION	CAVITY WIDTH	QTY
K600-070	200mm	Stainless Butterfly Ties	50-75mm	250
K600-072	225mm	Stainless Butterfly Ties	76-100mm	250
K600-075	250mm	Stainless Butterfly Ties	76-120mm	250

### • DD140 Stainless Wall Ties

These ties are available in Type 2 – general purpose and Type 4 – light duty housing.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
K601-270	DD140/2/200	Type 2 – Stainless wall tie	250
K601-272	DD140/2/225	Type 2 – Stainless wall tie	250
K601-470	DD140/2/200	Type 4 – Stainless wall tie	250
K601-472	DD140/4/225	Type 4 – Stainless wall tie	250



### • Safety End Flat Ties & Debonding Sleeves

These ties are made from grade 304 stainless steel and can be used with de-bonding sleeves to allow for movement.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
K611-060	FT-150mm	Flat Stainless Ties	250
K611-070	FT-200mm	Flat Stainless Ties	250
K611-075	FT-250mm	Flat Stainless Ties	250
K611-250	DBS-25 x 100mm	Debonding sleeve	250



**For screw ties see page 78**

### • Timber Frame Ties

Tested to DD140. PFT 2 is suitable for 2 storey dwellings up to 50mm cavity. Supplied in stainless steel c/w stainless nail.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
K621-255	TFT/2/125mm	Timber Frame Tie	100



### • Insulation Retaining Discs

ORDER CODE	SIZE REF	DESCRIPTION	QTY
K631-010	IRD	Insulation Retaining Disc	250



### • Universal Wall Starter Kits

Available either galvanised or stainless and are designed for walls 60-250mm wide. BBA Certificate No 88/2025. Fully adjustable sliding wire wall tie system. Wall ties clip and fix to any position on the wall connector plate. Suitable for three storey work. Each pack contains two 1.2m lengths and all the fixings.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
K651-024	G/UWS/2.4m	Galv Wall Starter Kit	1 set
K651-324	SS/UWS/2.4m	Stainless Wall Starter kit	1 set



**For other types of wall ties see page 24 & 25**





### • Bluebird Screwties

These stainless steel wall ties are ideal for adding internal or external walls to existing single skin walls. They are quick and easy to use and are supplied complete with the required nylon plug. They are approved for use up to three storey or 8m.



ORDER CODE	SIZE REF	DESCRIPTION		QTY
K661-008	Stainless	Bluebird Screwtie	8mm	100



### • Bluebird Cavity Screwties

These cavity screw ties are used for forming internal or external leaf to single skin buildings. They comply with strength requirements of DD140 part 2. They are quick and easy to use on brick, stone block and timber framed buildings. Supplied complete with nylon plug and insulation retaining disc.

ORDER CODE	SIZE REF	DESCRIPTION	CAVITY WIDTH		QTY
K671-025	CST/5075	Stainless Cavity Screw Tie	50-70mm	8mm	100
K671-050	CST/100	Stainless Cavity Screw Tie	100mm	8mm	100



# Fillers, Sealants & Adhesives







### Timbafil Two Part Filler

#### ● Timbafil Handy Pack

Timbafil is a two part high performance woodfiller perfect for knots, splits, dents and other surface imperfections. It can be worked like wood.

The Timbafil Stainable accepts spirit and water based stains.

ORDER CODE		QTY
L011-101	Stainable Light	1
L011-103	Stainable Dark	1
L011-105	White	1
L011-161	Light Oak	1
L011-164	Pine	1
L011-166	Redwood	1
L011-170	Mahogany	1

#### ● Timbafil Workshop Pack

ORDER CODE		QTY
L011-201	Stainable Light	1
L011-203	Stainable Dark	1
L011-205	White	1
L011-261	Light Oak	1
L011-264	Pine	1
L011-266	Redwood	1
L011-267	Beech	1
L011-270	Mahogany	1
L011-274	Hemlock	1
L011-275	Utile	1
L011-277	Teak	1

#### ● Timbafil Production Pack

ORDER CODE		QTY
L011-301	Stainable Light	1
L011-305	White	1
L011-364	Pine	1
L011-366	Redwood	1
L011-370	Mahogany	1
L011-377	Teak	1

#### ● Speedset Hardeners

ORDER CODE	SIZE REF	QTY
L011-400	Large (40g) spare speedset hardener	1



**See Section 12  
for our complete  
range of abrasive  
products.**



### ● Shutafil Production Pack

This economy two part filler is ideal for large repairs where finish is not paramount. Spare speedset hardeners available (order code L011-400).

ORDER CODE	SIZE REF	DESCRIPTION	QTY
L031-350		Grey/White Shutafil 7kg production Pack	1



### ● Timbermate Wood Stopper Handy Pack

High performance air dried stopper and filler for repairing small holes and surface imperfections. It is equally suitable for interior or exterior use.

Timbermate Stainable is formulated to accept spirit and water based stains, which must be blended in before application.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
L051-101		Stainable Light	1
L051-103		Stainable Dark	1
L051-105		White	1
L051-161		Light Oak	1
L051-164		Pine	1
L051-165		Ash	1
L051-166		Redwood	1
L051-170		Mahogany	1
L051-175		Utile	1
L051-177		Teak	1



### ● All Purpose Powder Filler

A general purpose powder filler for interior and exterior use. Contains PVA for extra strength and can be nailed or screwed when set. For repairs to plaster, brick, stone, wood etc. Quick setting and non-shrinking.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
L091-205	APF 1.5kg	All Purpose Filler	1



### ● Ultra Light Plaster Filler

A specially formulated lightweight filler for large holes and gaps in static joints. Sandable and paintable within minutes. Non-shrinking, non slumping, for use on concrete, brick, plasterboard and wood. Available in trowel applied 1 litre tubs or standard 310ml gun applied cartridges.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
L101-100	ULF	310ml Cartridge	25
L101-205	ULF	1 litre Tub	1





### ● Hi-Tak RF/W Water Resistant Wood Adhesive

RF/W is a cross-linking water resistant PVA giving an excellent wood adhesion in the furniture, general joinery and building industries. Specially developed to perform well in Radio frequency presses as well as hot and cold press laminating and has been used successfully on edge veneering machines using PVA. Performs to D3 water resistance.

ORDER CODE	SIZE REF	QTY
L311-010	1kg RF/W	6
L311-055	5kg RF/W	1
L311-200	25kg RF/W	1

### ● HI-TAK GR/A Glue Release Agent

This top quality product is used on PVA glueing machines and can save large amounts of time on cleaning down operations. The cream is simply smeared onto the machine bed and allows the excess PVA adhesive to be removed very easily

ORDER CODE	SIZE REF	QTY
L351-050	5kg GR/A	1

### ● HI-TAK PU Adhesive

HI-TAK PU adhesive is a polyurethane based adhesive which is excellent for use on timber with high moisture content for example in reclaimed timber. Moisture in the timber acts as a catalyst for this adhesive to make it quick setting.

Slow setting version available for very cold and damp conditions.

ORDER CODE	SIZE REF	QTY
L371-010	1.1kg PU Standard	12
L371-015	1.1kg PU Slow set	12
L371-020	310ml PU cartridge 5 min set	12
L371-025	310ml PU cartridge 30 min set	12

### ● HI-TAK B/A PVA Bonding Agent

A general purpose bonding agent, sealer, primer and cement/plaster admixture giving improved mixing and better adhesive. Conforms to BS5270.

ORDER CODE	SIZE REF	QTY
L381-050	5kg HI-TAK B/A	1
L381-250	25kg HI-TAK B/A	1

### HI-TAK Contact Adhesives

These quality adhesives are ideally suited for bonding laminates, wallboards, plywood, hardboard panels and leather etc.

#### ● HI-TAK CA/S Aerosol Contact Adhesive

This aerosol spray contact adhesive is ideal for many industrial applications including temporary bonding of items, fixing floor coverings and trims, packaging applications, decorative laminate bonding etc.



ORDER CODE	SIZE REF	QTY
L401-005	500ml HI-TAK CA/S Aerosol Spray	12

#### ● HI-TAK CA Contact Adhesive

This is a general purpose hand spread contact adhesive. Particularly suitable for bonding of decorative laminates to wood and wood composites. Also suitable for bonding certain plastics, metals, rubbers and urethane foams. The Thixotropic version is used for bonding vertical surfaces as well as other applications.

ORDER CODE	SIZE REF	QTY
L401-100	1 Litre HI-TAK CA	12
L401-150	5 Litre HI-TAK CA	5
L401-240	5 Litre HI-TAK Thixotropic Adhesive	1



#### ● HI-TAK SCA Sprayable Contact Adhesive

This adhesive has similar properties and applications to the HI-TAK CA but has the advantage of being heat resistant and can be spray applied for ease and speed.

ORDER CODE	SIZE REF	QTY
L401-350	5 Litre HI-TAK SCA	1



#### ● HI-TAK CA/SOL Solvent Cleaner

This solvent cleaner is designed for cleaning off excess or spilt contact adhesives. Cleans excess adhesive off application equipment, laminates and work areas.

ORDER CODE	SIZE REF	QTY
L401-425	2.5 Litre HI-TAK CA/SOL	1



#### ● HI-TAK CYA Superglue Adhesive

HI-TAK CYA superglue and activator for rapid adhesion on most materials. Applications include bonding mitres on cabinet cornices, upvc window trims etc. Also known as mitre-bonding adhesive.

ORDER CODE	SIZE REF	QTY
L421-120	HI-TAK CYA 20g Superglue Bottle	6
L421-200	200ml Superglue Activator Aerosol	1
L421-210	60ml Superglue Activator Pen	1
L421-301	Mitre-Kit 50g Superglue + 200ml Activator	1

**For Superglue De-bonder see page 84**





### ● HI-TAK CYA

#### Superglue De-Bonder

HI-TAK De-Bonder will de-bond superglue on most common surfaces. Can also be used on skin when applied as instructed.



ORDER CODE	SIZE REF	QTY
L421-400	10ml Superglue De-Bonder	10

### ● Araldite Epoxy Adhesive

Araldite 2012 - Rapid epoxy adhesive with gap filling properties. Bonds metal, ceramics, wood, rubber, foam, plastics etc. Pack consists of 1 x 100g Epoxy Resin and 1 x 100g Red Hardener.

ORDER CODE	SIZE REF	QTY
L441-300	200g pack Araldite Adhesive	1

### ● One-Hit Powder Adhesive

One-hit powder adhesive is mixed with water to give a fast setting, hard and water resistant adhesive. Gives at least D3 water resistance when cured.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
L451-015	1.5kg	One-Hit	1
L451-060	6kg	One-Hit	1
L451-250	25kg	One-Hit	1

### ● PERMAGRIP Spray Adhesive System



For laminating & surface bonding - no set up time - virtually maintenance free - fast application and drying times - fully portable, ideal for site use - no external power source required. Ideal for: Joinery, Shopfitting, Exhibition & Scenery Construction, Furniture, Coachbuilding, Insulated Panels, Duct Manufacture etc. Grades available: Pressure Sensitive Adhesive, Contact Adhesive - Non Flammable, Polystyrene Adhesive. Please enquire with our Sales Office for the product most suitable for your application.

ORDER CODE	SIZE REF		QTY
L461-011	38lb PG105	Clear	1
L461-012	38lb PG105	Green	1
L461-021	38lb PG107	Clear	1
L461-022	38lb PG107	Green	1
L461-031	38lb PG660	Clear	1
L461-034	38lb PG660	Red	1
L461-117	1703 Aerosol PG107	Clear	12
L461-200	Adjustable Gun with Spray Tip		1
L461-210	12ft Flexible Hose		1
L461-220	Spare Tip		1
L461-230	Splitter Tip		1
L461-250	75mm Laminating Roller		1

### ● Wall Panel Adhesive

This gun applied adhesive is designed for bonding decorative wall panels etc. to battens or prepared surfaces. It has "quick grab" benefits and good gap filling properties. This is available in either solvent or solvent-free based material. The solvent-free type being used on certain plastics/polystyrenes etc. where a solvent based product may react. 310ml tubes. Temperature resistant range of +5°C to +45°C.

ORDER CODE	SIZE REF
L481-310	WPA
L481-410	SFPA Solvent free



WPA

SFPA  
Solvent free

### ● Pinkgrip Panel Adhesive

Pinkgrip panel adhesive will stick just about anything on a building site that needs sticking. Its amazing grabbing strength removes the need to pin under the work piece to prevent slumping. Pinkgrip adheres to just about every building substrate and can be used inside and out. Pinkgrip is available in 350ml and 900ml cartridges and 5 Litre 'Bed & Bond' trowel applied tub.

ORDER CODE	SIZE REF	QTY
L481-610	350ml Pinkgrip Cartridge	12
L481-615	900ml Pinkgrip Jumbo Cartridge	9
L481-650	5 litre Pinkgrip Bed and Bond Tub	12



### ● Gripfill Panel Adhesive

A high performance, general purpose, gap-filling adhesive that will bond a wide variety of materials either to themselves or to each other. Typical uses include stair nosings, carpet grippers, aluminium extrusions, timber battens, skirting boards, coving, slates, fitted furniture and uPVC window frames etc.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
L481-810	350ml GF	Gripfill	12



### ● MIA - Mirror Adhesive

This high strength, quality product has been specially developed for bonding mirrors to various substrates including wood, masonry, metals, tiles etc.

ORDER CODE	SIZE REF	QTY
L491-205	Mirror Adhesive	12



### ● Empty Glue Bottle & Tops

These empty glue bottles and tops are available so that adhesives can be decanted into them from larger containers.

ORDER CODE	SIZE REF	QTY
L611-101	1 litre empty bottle c/w cap & top	10
L611-102	Spare cap and top for above	10



Our extensive range of sealants has developed over recent years, providing solutions for almost all applications. Additions to the range include Lead Sheet Sealant, Acrylic Frame Sealant, MS Polymer Sealant and Contract Grade Silicones.

### ● UNI-Universal High Modulus Silicone Sealant

A Premium Grade, general purpose high modulus construction silicone sealant which gives excellent adhesion to non-porous surfaces. Applications include glazing and jointing in sheet cladding, curtain walls etc. Joint movement capability of + or - 25%. Temperature resistance range of -40°C to +120°C.

ORDER CODE	SIZE REF		QTY
M011-104	UNI	Clear	25
M011-105	UNI	White ○	25
M011-109	UNI	Black ●	25
M011-140	UNI	Brown ●	12
M011-150	UNI	Grey ●	12

### ● HMA-High Modulus Silicone Sealant

A contract grade High Modulus General Purpose Silicone suitable for many construction applications. Mildew resistant for sealing around sanitary ware.



ORDER CODE	SIZE REF		QTY
M014-104	HMA	Clear	25
M014-105	HMA	White ○	25
M014-140	HMA	Brown ●	25

### ● SAN-Sanitaryware High Modulus

This mildew resistant high modulus silicone sealant provides a durable seal around all sanitaryware. Joint movement capability of + or - 25%. Conforms to BS5889 part B. Temperature resistance range of -40°C to +150°C.

ORDER CODE	SIZE REF		QTY
M021-104	SAN	Clear	25
M021-105	SAN	White ○	25
M021-106	SAN	Cream ●	12

### ● FOD-High Modulus Mildew Resistant Approved for Food Contact

This high modulus mildew resistant silicone sealant is specifically designed for use in Refrigeration Units and areas where contact with food is likely. Joint movement capability of + or - 25%. Conforms to BS5889 part B. Temperature resistance range of -50°C to +150°C.

ORDER CODE	SIZE REF		QTY
M031-104	FOD	Clear	12
M031-105	FOD	White ○	12

### ● BLD-Building Silicone Sealant Low Modulus

A Premium Grade, top quality sealant specifically designed for sealing between UPVC windows and door frames and most construction materials including porous surfaces. Joint movement capability of + or - 25%. Conforms to BS5889 part A. Temperature resistance range of -40°C to +120°C.

ORDER CODE	SIZE REF		QTY
M041-104	BLD	Clear	12
M041-105	BLD	White ○	25
M041-109	BLD	Black ●	25
M041-140	BLD	Brown ●	25
M041-150	BLD	Grey ●	12
M041-156	BLD	Portland Stone ●	12





### LMN-Low Modulus Silicone Sealant

A contract grade Low Modulus Silicone suitable for most building and construction joints, for example window and door frames.

ORDER CODE	SIZE REF		QTY
M044-104	LMN	Clear	25
M044-105	LMN	White ○	25
M044-140	LMN	Brown ●	25

### SUL-Polysulphide Sealant

One part polysulphide sealant. Designed to seal joints subject to movement, such as perimeter joints between metal or timber frames and masonry, and brickwork expansion joints. Joint movement capability + or - 17%. Conforms to BS5215. Temperature resistance range from -30°C to +80°C.

ORDER CODE	SIZE REF		QTY
M051-109	SUL	Black ●	25
M051-140	SUL	Brown ●	20
M051-145	SUL	Buff ●	25

### PUR-Polyurethane Sealant

All-purpose paintable polyurethane sealant. A fast curing, high quality, hard wearing sealant with excellent adhesion to almost all surfaces. Used for floor joints in high traffic areas, security glazing, fixing car body panels, auto glass sealing, marine applications and much more. Temperature resistance range of -30°C to +70°C. Joint movement capability of + or -25%.

ORDER CODE	SIZE REF		QTY
M061-105	PUR	White ○	12
M061-109	PUR	Black ●	12
M061-150	PUR	Grey ●	12

### AWS-Co-Polymer All-Weather Sealant

Can be used as an all purpose sealant on various substrates, but particularly useful where water is a problem. Examples of use are gutter leaks, roof leaks, cracked glazing etc. Will adhere in wet conditions. Can be overpainted with most paints and stains. Joint movement capability of + or - 25%. Temperature resistance range of -20°C to +70°C.

ORDER CODE	SIZE REF		QTY
M071-104	AWS	Clear	12
M071-105	AWS	White ○	12
M071-109	AWS	Black ●	12
M071-140	AWS	Brown ●	12
M071-150	AWS	Grey ●	12

### Mighty Strength Polymer Sealant

Based on an MS Polymer this multi-purpose adhesive/sealant has to be the most versatile product for years. It can be used as a silicone or take the place of a wall panel type adhesive.

ORDER CODE	SIZE REF		QTY
M072-104	MSP	Clear	25
M072-105	MSP	White ○	25
M072-109	MSP	Black ●	25
M072-140	MSP	Brown ●	25



For wall panel  
adhesive see  
page 85



For  
Applicator Guns  
see page 90

### ● AFS-Acrylic Frame Sealant

An acrylic sealant that is weather proof, durable and flexible after curing. Quick drying and easy to apply. Excellent adhesion to most building materials. Has a performance expectancy of up to 10 years. Suitable for sealing and filling joints around aluminium, wood and PVCu window and door frames in both internal and external situations.

ORDER CODE	SIZE REF		QTY
M081-105	AFS	White ○	12
M081-140	AFS	Brown ●	12
M081-144	AFS	Beige ●	12

### ● DEC-Acrylic Decorators Caulk

One part acrylic sealant for internal perimeter pointing of door and window frames including uPVC & aluminium. Also for gap filling jobs internally. Can be overpainted after 1-2 hours. Joint movement capability + or - 7.5%. 400 ml tubes. Temperature resistance range of -20°C to +75°C.

ORDER CODE	SIZE REF		QTY
M091-105	DEC	White ○	25

### ● DUC-Ducting Sealant

This solvent free ducting sealant is specially designed for use on high pressure ductwork and other assemblies. Joint movement capability of + or - 10%. Conforms to DW142. Class D and ISO11600 (Class F-12.5P). Temperature resistance range of -15°C to +75°C.

ORDER CODE	SIZE REF		QTY
M101-150	DUC	Grey ●	15

### ● LSS-Lead Sealant

A specially formulated sealant to point lead into brickwork to give a permanent, flexible weatherproof joint. Also suitable for sealing most common roofing materials.

ORDER CODE	SIZE REF		QTY
M111-150	LSS	Grey ●	25

### ● EF-Expanding Foam

High expansion polyurethane foam for filling voids around ducts, door frames etc. Expands up to 30 times its original volume. For maximum expansion use spray mister of water to moisten area to be filled.

ORDER CODE	SIZE REF		QTY
M151-137	750ml EF/A Aerosol Pack		12
M151-235	750ml EF/G Gun Applied Pack		12

### ● Fischer Door Frame Fixing Foam

A 2 part fixing foam for the professional installation of window and door frames. Fully cured after 30 mins (20°C) this foam provides a superquick secure alternative to conventional frame fixings. Yields up to 13 litres of freely expanded foam. Use with a standard sealant gun.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
M161-120	150ml Fischer	Frame Fixing Foam	12

### ● EF/C-Expanding Foam Cleaner

For cleaning uncured expanding foam. Aerosol unit can be used by hand or through gun for cleaning nozzle through.

ORDER CODE	SIZE REF		QTY
M171-050	500ml EF/C Aerosol Pack		12

### ● Foam Eater

Foam Eater is a revolutionary paste designed for the effective removal of cured PU foam from most surfaces. Its consistency makes it suitable for vertical applications, for example unsightly residues on windows or doors.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
M171-110	250ml Tin	Foam Eater	1

### ● High Temperature Gasket Sealant

A high quality silicone for sealing joints in building and industrial applications where a temperature resistance of up to 300°C is essential. Typical applications include joints around chimneys, industrial ovens, sealing and encapsulating heating elements in appliances and as a gasket in machinery.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
M181-015	HTS	Orange ●	25

### ● FR-Fire Rated Sealants

FR/S is a white fire retardant silicone. Tested on various widths of joints giving 1-4 hours fire resistance. Used for perimeter pointing and sealing of fire rated structures etc. Joint movement capability of + or - 25%. Tested in accordance with BS476 part 20 & 22. FR/M Intumescent sealant is a white sealant for indoor joints where a fire retardant seal is required to prevent the passage of fire and smoke. Joint movement capability of + or - 12.5%. Tested in accordance with BS476 part 20.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
M201-205	310ml FR/S Silicone		12
M201-405	310ml FR/M Mastic		12

### ● IAS - Intumescent Acoustic Sealant

An intumescent acoustic plasterboard sealant providing up to 5 hours fire rating performance. Dual purpose for sealing and bonding plasterboards and insulation boards in all wall, ceiling and dry lining applications.

Available in 900ml cartridges.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
M211-615	IAS 900ml Intumescent/Acoustic Sealant		9

### ● FRF-Fire Resistant Expanding Foam

FRF expanding foam is a fire rated PU aerosol foam gap filler. Available in a gun applied or standard aerosol pack. FRF foam expands and cures on application, bonding to most substrates and offering excellent sealing and insulating properties combined with outstanding fire resistance.

Conforms to BI-F30 according to DIN 4102-1 and tested to NEN 6069: 1997

Ideal for sealing between separation walls, ceiling and floors, perimeter joints around window and door frames and sealing wiring and pipework apertures through walls and partitions. Yields up to 30x original volume.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
M251-135	700ml FRF/A Aerosol Pack		12
M251-235	700ml FRF/G Gun Applied Pack		12







### ● Skeleton Guns

ORDER CODE	SIZE REF	QTY
M301-075	10" Heavy Duty Gun for 310ml & 400ml tubes	1
M301-080	Professional Gun for 310 & 400ml tubes	1
M301-090	Heavy Duty Gun for 900ml tubes	1

### ● Applicator Gun for Expanding Foam

ORDER CODE	SIZE REF	QTY
M321-100	Heavy Duty Metal Gun	1

### ● Joint Backer Foam

Foam tube for deep gap filling prior to application of silicone sealant. Available to order in full coils only.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
M341-003	6mm x 1500m	Joint Backer Foam	1
M341-005	10mm x 600m	Joint Backer Foam	1
M341-008	16mm x 250m	Joint Backer Foam	1
M341-010	20mm x 150m	Joint Backer Foam	1
M341-012	24mm x 100m	Joint Backer Foam	1
M341-015	30mm x 80m	Joint Backer Foam	1

### ● Silicone Remover Paste

For cleaning hardened as well as unhardened silicone from substrates such as brickwork, wood, concrete, glass, metals etc.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
M351-150	SRP 100ml	Silicone Remover	1

### ● Mortar Admixtures

Super Strength Admix is a highly concentrated plasticising admixture which is ten times the concentrate of conventional products, improves the workability of mortar and helps to prevent shrinkage, cracking and mild frost damage during the curing process.

Super Strength Waterproofer is a highly concentrated waterproofing and plasticising admixture which provides long term protection from water damage to mortar, concrete renders and screeds by dramatically reducing permeability. Suitable applications include pool and tank linings, roof areas, external rendering and pointing etc.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
M401-100	SSW	500ml Mortar Waterproof Plasticiser	1
M401-200	SSA	500ml Mortar Plasticiser	1

for wall panel  
adhesive  
see page 85



# Threaded Fasteners





### • BZP Metric Coarse Hex Full Nuts Steel DIN 934

ORDER CODE	SIZE REF	SPANNER SIZE mm	QTY
N011-050	M3	5.5	200
N011-100	M4	7	200
N011-200	M5	8	200
N011-300	M6	10	200
N011-400	M8	13	200
N011-500	M10	17	100

ORDER CODE	SIZE REF	SPANNER SIZE mm	QTY
N011-600	M12	19	100
N011-700	M16	24	100
N011-800	M20	30	50
N011-920	M24	36	25
N011-950	M30	46	Loose



### • GALV Hex Full Nuts DIN934

Galv nuts give added corrosion resistance over BZP but should be used in conjunction with galvanised threaded products only.

ORDER CODE	SIZE REF	QTY
N015-400	M8	200
N015-500	M10	100
N015-600	M12	100

ORDER CODE	SIZE REF	QTY
N015-700	M16	100
N015-800	M20	50



### • BZP Half Locking Nuts

ORDER CODE	SIZE REF	QTY
N031-300	M6	200
N031-400	M8	200
N031-500	M10	100

ORDER CODE	SIZE REF	QTY
N031-600	M12	100
N031-700	M16	50
N031-800	M20	50



### • BZP Nylon Insert Nuts Type "T" Thin Type Din 985

ORDER CODE	SIZE REF	QTY
N041-050	M3	200
N041-100	M4	200
N041-200	M5	200
N041-300	M6	200
N041-400	M8	200

ORDER CODE	SIZE REF	QTY
N041-500	M10	100
N041-600	M12	100
N041-700	M16	100
N041-800	M20	50
N041-920	M24	25



### • BZP Dome Nuts

ORDER CODE	SIZE REF	QTY
N081-300	M6	50
N081-400	M8	50
N081-500	M10	25

ORDER CODE	SIZE REF	QTY
N081-600	M12	25
N081-700	M16	25



### • BZP Wing Nuts

ORDER CODE	SIZE REF	QTY
N091-100	M4	100
N091-200	M5	100
N091-300	M6	100

ORDER CODE	SIZE REF	QTY
N091-400	M8	100
N091-500	M10	50
N091-600	M12	25



### • Tee Nuts - 4 Prong Type

Mounted into the back of a panel these Tee Nuts give a very secure thread connection which will not rotate due to the four locking points. Normally supplied in self colour finish only.

ORDER CODE	SIZE REF	QTY
N095-200	M5	100
N095-300	M6	100

ORDER CODE	SIZE REF	QTY
N095-400	M8	100
N095-500	M10	100



### • BZP Flat Washers DIN 125A

ORDER CODE	SIZE REF	OUTSIDE DIAMETER	QTY
N111-050	M3	7.0	200
N111-100	M4	9.0	200
N111-200	M5	10.0	200
N111-300	M6	12.5	200
N111-400	M8	17	200
N111-500	M10	21	100

ORDER CODE	SIZE REF	OUTSIDE DIAMETER	QTY
N111-600	M12	24	100
N111-700	M16	30	100
N111-800	M20	37	50
N111-920	M24	44	25
N111-950	M30	56	Loose



### • GALV Flat Washers DIN 125A

ORDER CODE	SIZE REF	QTY
N115-400	M8	200
N115-500	M10	100
N115-600	M12	100

ORDER CODE	SIZE REF	QTY
N115-700	M16	100
N115-800	M20	50



### • BZP Form 'C' Washers

ORDER CODE	SIZE REF	OUTSIDE DIAMETER	QTY
N141-200	M5	12.5	200
N141-300	M6	14	200
N141-400	M8	21	200
N141-500	M10	24	100

ORDER CODE	SIZE REF	OUTSIDE DIAMETER	QTY
N141-600	M12	28	100
N141-700	M16	34	100
N141-800	M20	39	50



### • BZP Repair Washers

ORDER CODE	SIZE REF	QTY
N161-208	M5 x 16	100
N161-210	M5 x 20	100
N161-212	M5 x 25	100
N161-310	M6 x 20	100
N161-312	M6 x 25	100
N161-315	M6 x 30	100
N161-320	M6 x 40	100
N161-412	M8 x 25	100

ORDER CODE	SIZE REF	QTY
N161-415	M8 x 30	100
N161-420	M8 x 40	100
N161-425	M8 x 50	100
N161-515	M10 x 30	100
N161-520	M10 x 40	100
N161-525	M10 x 50	50
N161-620	M12 x 40	50
N161-625	M12 x 50	50



### • BZP Spring Washers - Square Section

ORDER CODE	SIZE REF	QTY
N181-050	M3	200
N181-100	M4	200
N181-200	M5	200
N181-300	M6	200
N181-400	M8	200

ORDER CODE	SIZE REF	QTY
N181-500	M10	100
N181-600	M12	100
N181-700	M16	100
N181-800	M20	50
N181-920	M24	25



### • BZP Internal Shakeproof Washers

ORDER CODE	SIZE REF	QTY
N231-050	M3	200
N231-100	M4	200
N231-200	M5	200
N231-300	M6	200
N231-400	M8	200

ORDER CODE	SIZE REF	QTY
N231-500	M10	200
N231-600	M12	200
N231-700	M16	50
N231-800	M20	50
N231-920	M24	25



### • Taper Washers

6 1/2° washers may be used on 5° and 8° work. Supplied in self colour only.

ORDER CODE	SIZE REF	QTY
N261-400	M8	100
N261-500	M10	100
N261-600	M12	50

ORDER CODE	SIZE REF	QTY
N261-700	M16	50
N261-800	M20	25
N261-920	M24	25

### • Square Plate Washers

ORDER CODE	SIZE REF			QTY
N281-420	40 x 40 x 3mm	M8	BZP	100
N281-520	40 x 40 x 3mm	M10	BZP	100
N281-525	50 x 50 x 3mm	M10	BZP	100
N281-620	40 x 40 x 3mm	M12	BZP	100
N281-625	50 x 50 x 3mm	M12	BZP	100
N281-725	50 x 50 x 6mm	M16	S/C	50
N281-825	50 x 50 x 6mm	M20	S/C	50
N281-837	75 x 75 x 6mm	M20	S/C	25
N281-850	100 x 100 x 6mm	M20	S/C	25
N285-850	100 x 100 x 10mm	M20SQ	S/C	25
N285-950	100 x 100 x 10mm	M24SQ	S/C	25

### • BZP 4.6 Grade Studding (Threaded Rod)

ORDER CODE	SIZE REF	100M	LENGTHS PER PACK
N321-210	M4 x 2m	8	15
N321-220	M5 x 2m	12	15
N321-230	M6 x 2m	17	50
N321-240	M8 x 2m	31	25
N321-250	M10 x 2m	49	20
N321-260	M12 x 2m	71	10
N321-270	M16 x 2m	131	5
N321-280	M20 x 2m	208	5
N321-292	M24 x 2m	300	5

ORDER CODE	SIZE REF	100M	LENGTHS PER PACK
N321-295	M30 x 2m	474	5
N321-330	M6 x 3m	17	50
N321-340	M8 x 3m	31	25
N321-350	M10 x 3m	49	20
N321-360	M12 x 3m	71	10
N321-370	M16 x 3m	131	5
N321-380	M20 x 3m	208	5
N321-392	M24 x 3m	300	2
N321-395	M30 x 3m	474	2

### • BZP Cut Studs

ORDER CODE	SIZE REF	QTY
N331-420	M8 x 40	100
N331-425	M8 x 50	100
N331-440	M8 x 80	100
N331-450	M8 x 100	100
N331-454	M8 x 120	100
N331-520	M10 x 40	100



ORDER CODE	SIZE REF	QTY
N331-525	M10 x 50	100
N331-540	M10 x 80	100
N331-550	M10 x 100	100
N331-554	M10 x 120	100
N331-560	M10 x 150	100
N331-566	M10 x 180	100



### • BZP 8.8 Grade Studding (Threaded Rod)

ORDER CODE	SIZE REF	100M	QTY
N351-130	M6 x 1m	17	1
N351-140	M8 x 1m	31	1
N351-150	M10 x 1m	49	1
N351-160	M12 x 1m	71	1

ORDER CODE	SIZE REF	100M	QTY
N351-170	M16 x 1m	131	1
N351-180	M20 x 1m	208	1
N351-192	M24 x 1m	300	1
N351-195	M30 x 1m	474	1

### • BZP Studding Connectors

ORDER CODE	SIZE REF		
N371-300	M6	20mm	100
N371-400	M8	25mm	100
N371-500	M10	30mm	100

ORDER CODE	SIZE REF		
N371-600	M12	35mm	50
N371-700	M16	40mm	25
N371-800	M20	50mm	25

# Threaded Fasteners

## BZP Roofing Bolts & Sq Sq Bolts & Nuts

7

### • BZP Roofing Bolts & Nuts

Suitable for a wide range of light weight fastening applications. Roofing bolts and nuts are used extensively for racking, cable tray and cable trunking installations.

ORDER CODE	SIZE REF	QTY
N401-205	M5 x 10	200
N401-206	M5 x 12	200
N401-210	M5 x 20	200
N401-212	M5 x 25	200
N401-215	M5 x 30	200
N401-220	M5 x 40	200
N401-225	M5 x 50	200
N401-305	M6 x 10	200
N401-306	M6 x 12	200
N401-308	M6 x 16	200
N401-310	M6 x 20	200
N401-312	M6 x 25	200
N401-315	M6 x 30	200
N401-320	M6 x 40	100
N401-325	M6 x 50	100
N401-330	M6 x 60	100
N401-335	M6 x 70	100
N401-340	M6 x 80	100
N401-350	M6 x 100	100
N401-354	M6 x 120	100
N401-358	M6 x 140	100

ORDER CODE	SIZE REF	QTY
N401-362	M6 x 160	100
N401-410	M8 x 20	200
N401-412	M8 x 25	100
N401-415	M8 x 30	100
N401-420	M8 x 40	100
N401-425	M8 x 50	100
N401-430	M8 x 60	100
N401-440	M8 x 80	100
N401-450	M8 x 100	50
N401-454	M8 x 120	50
N401-458	M8 x 140	50
N401-462	M8 x 160	50
N401-466	M8 x 180	50
N401-512	M10 x 25	100
N401-520	M10 x 40	100
N401-525	M10 x 50	50
N401-530	M10 x 60	50
N401-535	M10 x 70	50
N401-540	M10 x 80	50
N401-550	M10 x 100	50



Threaded Fasteners

### • Waxed Bolt Cones

These waxed bolt cones are designed for use in conjunction with our Sq Sq hex bolts when casting concrete foundation padstones.

ORDER CODE	SIZE REF	QTY
N431-073	229mm	10
N431-080	305mm	10
N431-081	380mm	10

ORDER CODE	SIZE REF	QTY
N431-083	457mm	10
N431-084	534mm	10



### • Square Square Holding Down Bolts & Nuts

Designed to be used with square plate washers and waxed bolt cones when casting into concrete. Supplied in self colour only.

ORDER CODE	SIZE REF	QTY
N431-880	M20 x 300	10
N431-882	M20 x 375	10
N431-883	M20 x 450	10
N431-885	M20 x 600	5

ORDER CODE	SIZE REF	QTY
N431-982	M24 x 375	10
N431-983	M24 x 450	10
N431-985	M24 x 600	5



Competitive Trade Prices

95



### • BZP Cup Square Hex Bolts & Nuts DIN603 - Grade 4.6

Also known as coachbolts or carriage bolts.



**Stainless Cup Square Hex are also available on page 106**



ORDER CODE	SIZE REF	QTY
N461-312	M6 x 25	200
N461-315	M6 x 30	200
N461-320	M6 x 40	200
N461-325	M6 x 50	200
N461-330	M6 x 60	100
N461-332	M6 x 65	100
N461-335	M6 x 70	100
N461-337	M6 x 75	100
N461-340	M6 x 80	100
N461-350	M6 x 100	100
N461-352	M6 x 110	100
N461-356	M6 x 130	100
N461-360	M6 x 150	100
N461-415	M8 x 30	200
N461-420	M8 x 40	200
N461-422	M8 x 45	100
N461-425	M8 x 50	100
N461-430	M8 x 60	100
N461-432	M8 x 65	100
N461-435	M8 x 70	100
N461-437	M8 x 75	100
N461-440	M8 x 80	50
N461-445	M8 x 90	50
N461-450	M8 x 100	50
N461-452	M8 x 110	50
N461-456	M8 x 130	50
N461-462	M8 x 160	50
N461-466	M8 x 180	50
N461-470	M8 x 200	50
N461-515	M10 x 30	100
N461-520	M10 x 40	100
N461-522	M10 x 45	100
N461-525	M10 x 50	100
N461-530	M10 x 60	50

ORDER CODE	SIZE REF	QTY
N461-532	M10 x 65	50
N461-535	M10 x 70	50
N461-537	M10 x 75	50
N461-540	M10 x 80	50
N461-545	M10 x 90	50
N461-550	M10 x 100	50
N461-552	M10 x 110	50
N461-556	M10 x 130	50
N461-558	M10 x 140	50
N461-560	M10 x 150	50
N461-562	M10 x 160	50
N461-566	M10 x 180	50
N461-570	M10 x 200	50
N461-572	M10 x 220	50
N461-574	M10 x 240	50
N461-576	M10 x 260	40
N461-615	M12 x 30	50
N461-620	M12 x 40	50
N461-625	M12 x 50	50
N461-630	M12 x 60	50
N461-632	M12 x 65	50
N461-635	M12 x 70	50
N461-637	M12 x 75	50
N461-640	M12 x 80	50
N461-645	M12 x 90	25
N461-650	M12 x 100	25
N461-652	M12 x 110	25
N461-656	M12 x 130	25
N461-660	M12 x 150	25
N461-662	M12 x 160	25
N461-666	M12 x 180	25
N461-670	M12 x 200	25
N461-672	M12 x 220	25
N461-674	M12 x 240	25



Approx. Thread Length =

up to 100mm = Full Thread  
110mm+ = 100mm Thread

# Threaded Fasteners

## High Tensile Hex Set Screws

7

### • BZP High Tensile Hex Set Screws Grade 8.8 Metric

This product is not supplied with nuts as standard. Please see page 92 to order nuts.

ORDER CODE	SIZE REF	QTY
N501-105	M4 x 10	200
N501-108	M4 x 16	200
N501-110	M4 x 20	200
N501-112	M4 x 25	200
N501-205	M5 x 10	200
N501-208	M5 x 16	200
N501-210	M5 x 20	200
N501-212	M5 x 25	200
N501-215	M5 x 30	200
N501-220	M5 x 40	200
N501-225	M5 x 50	200
N501-306	M6 x 12	200
N501-308	M6 x 16	200
N501-310	M6 x 20	200
N501-312	M6 x 25	200
N501-315	M6 x 30	200
N501-317	M6 x 35	200
N501-320	M6 x 40	200
N501-325	M6 x 50	200
N501-330	M6 x 60	200
N501-335	M6 x 70	200
N501-340	M6 x 80	100
N501-350	M6 x 100	100
N501-406	M8 x 12	200
N501-408	M8 x 16	200
N501-410	M8 x 20	200
N501-412	M8 x 25	200
N501-415	M8 x 30	200
N501-417	M8 x 35	200
N501-420	M8 x 40	200
N501-422	M8 x 45	200
N501-425	M8 x 50	200
N501-430	M8 x 60	200
N501-435	M8 x 70	100
N501-440	M8 x 80	100
N501-450	M8 x 100	100
N501-508	M10 x 16	200
N501-510	M10 x 20	200

ORDER CODE	SIZE REF	QTY
N501-512	M10 x 25	200
N501-515	M10 x 30	200
N501-517	M10 x 35	100
N501-520	M10 x 40	100
N501-522	M10 x 45	100
N501-525	M10 x 50	100
N501-530	M10 x 60	100
N501-535	M10 x 70	100
N501-540	M10 x 80	50
N501-550	M10 x 100	50
N501-612	M12 x 25	100
N501-615	M12 x 30	100
N501-617	M12 x 35	100
N501-620	M12 x 40	100
N501-622	M12 x 45	100
N501-625	M12 x 50	50
N501-630	M12 x 60	50
N501-635	M12 x 70	50
N501-640	M12 x 80	50
N501-650	M12 x 100	50
N501-712	M16 x 25	50
N501-715	M16 x 30	50
N501-717	M16 x 35	50
N501-720	M16 x 40	50
N501-722	M16 x 45	50
N501-725	M16 x 50	50
N501-730	M16 x 60	50
N501-735	M16 x 70	50
N501-740	M16 x 80	25
N501-750	M16 x 100	25
N501-820	M20 x 40	25
N501-822	M20 x 45	25
N501-825	M20 x 50	25
N501-830	M20 x 60	25
N501-835	M20 x 70	25
N501-840	M20 x 80	25
N501-850	M20 x 100	25



See page 92



See page 241

Threaded Fasteners

### • GALV Hex Set Screws Grade 8.8 Metric

This range of Galvanised Set Screws gives greater corrosion resistance in exposed environments.

ORDER CODE	SIZE REF	QTY
N505-412	M8 x 25	200
N505-420	M8 x 40	200
N505-425	M8 x 50	200
N505-512	M10 x 25	200
N505-515	M10 x 30	200
N505-520	M10 x 40	100
N505-525	M10 x 50	100
N505-535	M10 x 70	100
N505-550	M10 x 100	50
N505-615	M12 x 30	100
N505-620	M12 x 40	100
N505-625	M12 x 50	50

ORDER CODE	SIZE REF	QTY
N505-630	M12 x 60	50
N505-635	M12 x 70	50
N505-650	M12 x 100	50
N505-717	M16 x 35	50
N505-720	M16 x 40	50
N505-725	M16 x 50	50
N505-730	M16 x 60	50
N505-750	M16 x 100	25
N505-820	M20 x 40	25
N505-825	M20 x 50	25
N505-830	M20 x 60	25
N505-835	M20 x 70	25
N505-850	M20 x 100	25



Order with confidence from our extensive stocks

97

### • BZP High Tensile Hex Bolts Grade 8.8 Metric

This product is not supplied with nuts as standard. Please see page 92 to order nuts.



See page 92



See page 241



ORDER CODE	SIZE REF	QTY
N521-325	M6 x 50	200
N521-330	M6 x 60	200
N521-335	M6 x 70	200
N521-345	M6 x 90	100
N521-420	M8 x 40	200
N521-422	M8 x 45	200
N521-425	M8 x 50	200
N521-430	M8 x 60	200
N521-432	M8 x 65	200
N521-435	M8 x 70	200
N521-437	M8 x 75	200
N521-440	M8 x 80	200
N521-445	M8 x 90	100
N521-450	M8 x 100	100
N521-522	M10 x 45	100
N521-525	M10 x 50	100
N521-530	M10 x 60	100
N521-532	M10 x 65	100
N521-535	M10 x 70	100
N521-537	M10 x 75	100
N521-540	M10 x 80	100
N521-550	M10 x 100	100
N521-554	M10 x 120	100
N521-556	M10 x 130	100
N521-560	M10 x 150	50
N521-620	M12 x 40	100
N521-622	M12 x 45	100
N521-625	M12 x 50	100
N521-630	M12 x 60	100
N521-632	M12 x 65	50
N521-635	M12 x 70	50
N521-637	M12 x 75	50
N521-640	M12 x 80	50
N521-650	M12 x 100	50
N521-654	M12 x 120	50
N521-656	M12 x 130	50
N521-658	M12 x 140	50

ORDER CODE	SIZE REF	QTY
N521-660	M12 x 150	50
N521-666	M12 x 180	25
N521-670	M12 x 200	25
N521-722	M16 x 45	50
N521-725	M16 x 50	50
N521-727	M16 x 55	50
N521-730	M16 x 60	50
N521-732	M16 x 65	50
N521-735	M16 x 70	25
N521-737	M16 x 75	25
N521-740	M16 x 80	25
N521-745	M16 x 90	25
N521-750	M16 x 100	25
N521-754	M16 x 120	25
N521-756	M16 x 130	25
N521-758	M16 x 140	25
N521-760	M16 x 150	25
N521-766	M16 x 180	25
N521-770	M16 x 200	25
N521-827	M20 x 55	25
N521-830	M20 x 60	25
N521-832	M20 x 65	25
N521-835	M20 x 70	25
N521-837	M20 x 75	25
N521-840	M20 x 80	25
N521-850	M20 x 100	25
N521-852	M20 x 110	25
N521-856	M20 x 130	20
N521-860	M20 x 150	20
N521-866	M20 x 180	25
N521-870	M20 x 200	25
N521-926	M24 x 65	25
N521-928	M24 x 75	25
N521-931	M24 x 100	10
N521-933	M24 x 120	10
N521-936	M24 x 150	10



#### Approx. Thread Length =

up to 125mm	2 x diameter + 6mm
125mm - 200mm	2 x diameter + 12mm
Over 200mm	2 x diameter + 25mm



# Threaded Fasteners

## BZP Cap Head Socket Screws

7

### • BZP Metric Cap Head Socket Screws

This product is now stocked standard as BZP and de-embrittled to full specification BS3382. It may at times be necessary to supply an alternative specification product due to circumstances beyond our control. Grade 12.9 High Tensile.

ORDER CODE	SIZE REF	WRENCH KEY SIZE mm	QTY
N601-105	M4 x 10	3.0	200
N601-106	M4 x 12	3.0	200
N601-108	M4 x 16	3.0	200
N601-110	M4 x 20	3.0	200
N601-112	M4 x 25	3.0	200
N601-115	M4 x 30	3.0	200
N601-120	M4 x 40	3.0	200
N601-205	M5 x 10	4.0	200
N601-206	M5 x 12	4.0	200
N601-208	M5 x 16	4.0	200
N601-210	M5 x 20	4.0	200
N601-212	M5 x 25	4.0	200
N601-215	M5 x 30	4.0	200
N601-220	M5 x 40	4.0	200
N601-225	M5 x 50	4.0	200
N601-305	M6 x 10	5.0	200
N601-306	M6 x 12	5.0	200
N601-308	M6 x 16	5.0	200
N601-310	M6 x 20	5.0	200
N601-312	M6 x 25	5.0	200
N601-315	M6 x 30	5.0	200
N601-320	M6 x 40	5.0	200
N601-325	M6 x 50	5.0	200
N601-406	M8 x 12	6.0	200
N601-408	M8 x 16	6.0	200
N601-410	M8 x 20	6.0	200

ORDER CODE	SIZE REF	WRENCH KEY SIZE mm	QTY
N601-412	M8 x 25	6.0	200
N601-415	M8 x 30	6.0	200
N601-420	M8 x 40	6.0	200
N601-425	M8 x 50	6.0	100
N601-430	M8 x 60	6.0	100
N601-435	M8 x 70	6.0	100
N601-440	M8 x 80	6.0	100
N601-510	M10 x 20	8.0	200
N601-512	M10 x 25	8.0	200
N601-515	M10 x 30	8.0	200
N601-520	M10 x 40	8.0	100
N601-525	M10 x 50	8.0	100
N601-530	M10 x 60	8.0	100
N601-535	M10 x 70	8.0	100
N601-540	M10 x 80	8.0	100
N601-612	M12 x 25	10.0	100
N601-615	M12 x 30	10.0	100
N601-620	M12 x 40	10.0	50
N601-625	M12 x 50	10.0	50
N601-630	M12 x 60	10.0	50
N601-635	M12 x 70	10.0	50
N601-640	M12 x 80	10.0	50
N601-720	M16 x 40	14.0	25
N601-725	M16 x 50	14.0	25
N601-730	M16 x 60	14.0	25



Threaded Fasteners



For wrench keys  
see page 241



Phone now for technical advice and site support

99

### • BZP Metric Countersunk Socket Screws

This product is stocked as standard BZP and de-embrittled to full specification BS3382. It may at times be necessary to supply an alternative specification product due to circumstances beyond our control. Grade 10.9 High Tenstle.



ORDER CODE	SIZE REF	WRENCH KEY SIZE mm	QTY
N641-105	M4 x 10	2.5	200
N641-106	M4 x 12	2.5	200
N641-108	M4 x 16	2.5	200
N641-110	M4 x 20	2.5	200
N641-112	M4 x 25	2.5	200
N641-206	M5 x 12	3.0	200
N641-208	M5 x 16	3.0	200
N641-210	M5 x 20	3.0	200
N641-212	M5 x 25	3.0	200
N641-215	M5 x 30	3.0	200
N641-220	M5 x 40	3.0	200
N641-305	M6 x 10	3.0	200
N641-306	M6 x 12	3.0	200
N641-308	M6 x 16	4.0	200
N641-310	M6 x 20	4.0	200
N641-312	M6 x 25	4.0	200
N641-315	M6 x 30	4.0	200
N641-320	M6 x 40	4.0	200
N641-325	M6 x 50	4.0	200
N641-406	M8 x 12	5.0	200
N641-408	M8 x 16	5.0	200
N641-410	M8 x 20	5.0	200
N641-412	M8 x 25	5.0	200
N641-415	M8 x 30	5.0	200

ORDER CODE	SIZE REF	WRENCH KEY SIZE mm	QTY
N641-420	M8 x 40	5.0	200
N641-425	M8 x 50	5.0	200
N641-430	M8 x 60	5.0	100
N641-510	M10 x 20	6.0	200
N641-512	M10 x 25	6.0	200
N641-515	M10 x 30	6.0	200
N641-520	M10 x 40	6.0	100
N641-525	M10 x 50	6.0	100
N641-530	M10 x 60	6.0	100
N641-535	M10 x 70	6.0	50
N641-612	M12 x 25	8.0	100
N641-615	M12 x 30	8.0	100
N641-617	M12 x 35	8.0	100
N641-620	M12 x 40	8.0	100
N641-625	M12 x 50	8.0	50
N641-630	M12 x 60	8.0	50
N641-715	M16 x 30	10.0	50
N641-720	M16 x 40	10.0	50
N641-725	M16 x 50	10.0	50
N641-730	M16 x 60	10.0	25
N641-735	M16 x 70	10.0	25
N641-820	M20 x 40	12.0	25
N641-825	M20 x 50	12.0	25
N641-835	M20 x 70	12.0	25

**For wrench keys  
see page 241**

**For Taps  
see page 201**



# Threaded Fasteners

## BZP Button Head Socket & Set Screws

7

### • BZP Metric Button Head Socket Screws

This product is stocked as standard BZP and de-embrittled to full specification BS3382. It may at times be necessary to supply an alternative specification product due to circumstances beyond our control. Grade 10.9 High Tensile.

ORDER CODE	SIZE REF	WRENCH KEY SIZE mm	QTY
N681-205	M5 x 10	3.0	200
N681-206	M5 x 12	3.0	200
N681-208	M5 x 16	3.0	200
N681-210	M5 x 20	3.0	200
N681-212	M5 x 25	3.0	200
N681-306	M6 x 12	4.0	200
N681-308	M6 x 16	4.0	200
N681-310	M6 x 20	4.0	200
N681-312	M6 x 25	4.0	200
N681-408	M8 x 16	5.0	200
N681-410	M8 x 20	5.0	200
N681-412	M8 x 25	5.0	200
N681-415	M8 x 30	5.0	200
N681-420	M8 x 40	5.0	200
N681-510	M10 x 20	6.0	200
N681-512	M10 x 25	6.0	200
N681-515	M10 x 30	6.0	200
N681-520	M10 x 40	6.0	100
N681-612	M12 x 25	8.0	100
N681-620	M12 x 40	8.0	50



### • BZP Metric Socket Set Screws (Grub Screws)

This product is stocked as standard BZP and de-embrittled to full specification BS3382. It may at times be necessary to supply an alternative specification product due to circumstances beyond our control. Grade 14.9 High Tensile.

ORDER CODE	SIZE REF	WRENCH KEY SIZE mm	QTY
N721-103	M4 x 6	2.0	200
N721-104	M4 x 8	2.0	200
N721-106	M4 x 12	2.0	200
N721-203	M5 x 6	2.5	200
N721-205	M5 x 10	2.5	200
N721-206	M5 x 12	2.5	200
N721-303	M6 x 6	3.0	200
N721-304	M6 x 8	3.0	200
N721-306	M6 x 12	3.0	200
N721-308	M6 x 16	3.0	200
N721-310	M6 x 20	3.0	200
N721-405	M8 x 10	4.0	200
N721-408	M8 x 16	4.0	200
N721-410	M8 x 20	4.0	200
N721-508	M10 x 16	5.0	200
N721-510	M10 x 20	5.0	200
N721-512	M10 x 25	5.0	200
N721-612	M12 x 25	6.0	100

Sameday deliveries available on request

101

Threaded Fasteners





Pan Head



Cheese Head

### • BZP Pan Head/Cheese Head Slotted Machine Screws

ORDER CODE	SIZE REF	QTY
N801-053	M3 x 6	200
N801-055	M3 x 10	200
N801-056	M3 x 12	200
N801-058	M3 x 20	200
N801-059	M3 x 25	200
N801-104	M4 x 8	200
N801-105	M4 x 10	200
N801-106	M4 x 12	200
N801-108	M4 x 16	200
N801-110	M4 x 20	200
N801-112	M4 x 25	200
N801-115	M4 x 30	200
N801-120	M4 x 40	200
N801-125	M4 x 50	200
N801-130	M4 x 60	200
N801-205	M5 x 10	200
N801-206	M5 x 12	200
N801-208	M5 x 16	200
N801-210	M5 x 20	200
N801-212	M5 x 25	200
N801-215	M5 x 30	200

ORDER CODE	SIZE REF	QTY
N801-220	M5 x 40	200
N801-225	M5 x 50	200
N801-240	M5 x 80	100
N801-250	M5 x 100	100
N801-306	M6 x 12	200
N801-308	M6 x 16	200
N801-310	M6 x 20	200
N801-312	M6 x 25	200
N801-315	M6 x 30	200
N801-320	M6 x 40	200
N801-325	M6 x 50	200
N801-330	M6 x 60	100
N801-335	M6 x 70	100
N801-340	M6 x 80	100
N801-350	M6 x 100	100
N801-412	M8 x 25	100
N801-420	M8 x 40	100
N801-515	M10 x 30	100
N801-520	M10 x 40	100

NB. Unless it is stressed at time of ordering not to be a certain head style, we reserve the right to supply the type/s available from stocks.

### • BZP Pan Head Cross-recess Machine Screws

ORDER CODE	SIZE REF	QTY
N841-053	M3 x 6	200
N841-055	M3 x 10	200
N841-056	M3 x 12	200
N841-057	M3 x 16	200
N841-058	M3 x 20	200
N841-059	M3 x 25	200
N841-104	M4 x 8	200
N841-105	M4 x 10	200
N841-106	M4 x 12	200
N841-108	M4 x 16	200
N841-110	M4 x 20	200
N841-112	M4 x 25	200
N841-115	M4 x 30	200
N841-120	M4 x 40	200
N841-125	M4 x 50	200

ORDER CODE	SIZE REF	QTY
N841-205	M5 x 10	200
N841-206	M5 x 12	200
N841-208	M5 x 16	200
N841-210	M5 x 20	200
N841-212	M5 x 25	200
N841-215	M5 x 30	200
N841-220	M5 x 40	200
N841-225	M5 x 50	200
N841-306	M6 x 12	200
N841-308	M6 x 16	200
N841-310	M6 x 20	200
N841-312	M6 x 25	200
N841-315	M6 x 30	200
N841-320	M6 x 40	200
N841-325	M6 x 50	200

For Screwdriver bits  
see page 217

# Threaded Fasteners

## BZP Countersunk Machine Screws

7

### • BZP Countersunk Slotted Machine Screws

ORDER CODE	SIZE REF	QTY
N861-056	M3 x 12	200
N861-059	M3 x 25	200
N861-106	M4 x 12	200
N861-108	M4 x 16	200
N861-110	M4 x 20	200
N861-112	M4 x 25	200
N861-206	M5 x 12	200
N861-208	M5 x 16	200
N861-210	M5 x 20	200
N861-212	M5 x 25	200
N861-215	M5 x 30	200
N861-220	M5 x 40	200
N861-225	M5 x 50	200
N861-235	M5 x 70	100
N861-250	M5 x 100	100
N861-308	M6 x 16	200
N861-310	M6 x 20	200

ORDER CODE	SIZE REF	QTY
N861-312	M6 x 25	200
N861-320	M6 x 40	200
N861-325	M6 x 50	200
N861-335	M6 x 70	100
N861-350	M6 x 100	100
N861-412	M8 x 25	100
N861-420	M8 x 40	100
N861-425	M8 x 50	100
N861-512	M10 x 25	100
N861-520	M10 x 40	100
N861-525	M10 x 50	100
N861-535	M10 x 70	50
N861-612	M12 x 25	100
N861-615	M12 x 30	100
N861-620	M12 x 40	100
N861-625	M12 x 50	100
N861-635	M12 x 70	50



### • BZP Countersunk Cross-recess Machine Screws

ORDER CODE	SIZE REF	QTY
N881-055	M3 x 10	200
N881-056	M3 x 12	200
N881-057	M3 x 16	200
N881-058	M3 x 20	200
N881-059	M3 x 25	200
N881-106	M4 x 12	200
N881-108	M4 x 16	200
N881-110	M4 x 20	200
N881-112	M4 x 25	200
N881-120	M4 x 40	200
N881-206	M5 x 12	200

ORDER CODE	SIZE REF	QTY
N881-208	M5 x 16	200
N881-210	M5 x 20	200
N881-212	M5 x 25	200
N881-215	M5 x 30	200
N881-220	M5 x 40	200
N881-225	M5 x 50	200
N881-308	M6 x 16	200
N881-310	M6 x 20	200
N881-312	M6 x 25	200
N881-315	M6 x 30	200
N881-320	M6 x 40	200
N881-325	M6 x 50	200



**For Security Machine Screws see pages 64**

Threaded Fasteners

STAINLESS



### • A2 Stainless Hex Full Nuts

ORDER CODE	SIZE REF	QTY
P011-050	M3	200
P011-100	M4	200
P011-200	M5	200
P011-300	M6	200
P011-400	M8	100

ORDER CODE	SIZE REF	QTY
P011-500	M10	100
P011-600	M12	100
P011-700	M16	50
P011-800	M20	50

STAINLESS



### • A2 Stainless Nylon Insert Nuts

ORDER CODE	SIZE REF	QTY
P041-050	M3	100
P041-100	M4	100
P041-200	M5	100
P041-300	M6	100

ORDER CODE	SIZE REF	QTY
P041-400	M8	100
P041-500	M10	100
P041-600	M12	100
P041-700	M16	50

STAINLESS



### • A2 Stainless Dome Nuts

ORDER CODE	SIZE REF	QTY
P081-300	M6	50
P081-400	M8	50
P081-500	M10	50

ORDER CODE	SIZE REF	QTY
P081-600	M12	50
P081-700	M16	50

STAINLESS



### • A2 Stainless Wing Nuts

ORDER CODE	SIZE REF	QTY
P091-200	M5	50
P091-300	M6	50

ORDER CODE	SIZE REF	QTY
P091-400	M8	50
P091-500	M10	50

### • A2 Stainless Flat Washers

ORDER CODE	SIZE REF	QTY
P111-050	M3	200
P111-100	M4	200
P111-200	M5	200
P111-300	M6	200
P111-400	M8	100

ORDER CODE	SIZE REF	QTY
P111-500	M10	100
P111-600	M12	100
P111-700	M16	50
P111-800	M20	50

STAINLESS



### • A2 Stainless Form C Washers

ORDER CODE	SIZE REF	OUTSIDE DIAMETER	QTY
P141-200	M5	12-5	200
P141-300	M6	14	200
P141-400	M8	21	100

ORDER CODE	SIZE REF	OUTSIDE DIAMETER	QTY
P141-500	M10	24	100
P141-600	M12	28	100

STAINLESS



### • A2 Stainless Repair Washers

ORDER CODE	SIZE REF	QTY
P161-312	M6 x 25	100
P161-415	M8 x 30	100

ORDER CODE	SIZE REF	QTY
P161-515	M10 x 30	100

STAINLESS



### • A2 Stainless Single Coil Spring Washers

ORDER CODE	SIZE REF	QTY
P181-050	M3	200
P181-100	M4	200
P181-200	M5	200
P181-300	M6	200
P181-400	M8	100

ORDER CODE	SIZE REF	QTY
P181-500	M10	100
P181-600	M12	100
P181-700	M16	50
P181-800	M20	50

STAINLESS





# Threaded Fasteners

## A2 Stainless Steel Threaded Products

7

### • A2 Stainless Studding

Stocked in 1 metre lengths.

ORDER CODE	SIZE REF	QTY
P311-110	M4 x 1m	1
P311-120	M5 x 1m	1
P311-130	M6 x 1m	1
P311-140	M8 x 1m	1

ORDER CODE	SIZE REF	QTY
P311-150	M10 x 1m	1
P311-160	M12 x 1m	1
P311-170	M16 x 1m	1
P311-180	M20 x 1m	1

3m lengths available to order.



### • A2 Stainless Hex Set Screws

ORDER CODE	SIZE REF	QTY
P351-205	M5 x 10	200
P351-206	M5 x 12	200
P351-210	M5 x 20	200
P351-212	M5 x 25	200
P351-220	M5 x 40	200
P351-225	M5 x 50	200
P351-305	M6 x 10	100
P351-306	M6 x 12	100
P351-308	M6 x 16	100
P351-310	M6 x 20	100
P351-312	M6 x 25	100
P351-315	M6 x 30	100
P351-320	M6 x 40	100
P351-325	M6 x 50	100
P351-337	M6 x 75	50
P351-350	M6 x 100	50
P351-408	M8 x 16	100
P351-410	M8 x 20	100
P351-412	M8 x 25	100
P351-415	M8 x 30	100
P351-420	M8 x 40	100
P351-425	M8 x 50	100
P351-437	M8 x 75	50
P351-450	M8 x 100	50

ORDER CODE	SIZE REF	QTY
P351-510	M10 x 20	100
P351-512	M10 x 25	100
P351-515	M10 x 30	100
P351-520	M10 x 40	100
P351-525	M10 x 50	100
P351-537	M10 x 75	50
P351-550	M10 x 100	50
P351-610	M12 x 20	100
P351-612	M12 x 25	100
P351-615	M12 x 30	100
P351-620	M12 x 40	100
P351-625	M12 x 50	100
P351-637	M12 x 75	50
P351-650	M12 x 100	50
P351-720	M16 x 40	50
P351-725	M16 x 50	50
P351-737	M16 x 75	25
P351-750	M16 x 100	25
P351-815	M20 x 30	50
P351-825	M20 x 50	25
P351-837	M20 x 75	25
P351-850	M20 x 100	25



### • A2 Stainless Cross-recess Countersunk Machine Screws

ORDER CODE	SIZE REF	QTY
P381-105	M4 x 10	200
P381-110	M4 x 20	200
P381-112	M4 x 25	200
P381-115	M4 x 30	200
P381-205	M5 x 10	200
P381-210	M5 x 20	200
P381-215	M5 x 30	200
P381-220	M5 x 40	200

ORDER CODE	SIZE REF	QTY
P381-225	M5 x 50	200
P381-305	M6 x 10	100
P381-306	M6 x 12	100
P381-310	M6 x 20	100
P381-312	M6 x 25	100
P381-315	M6 x 30	100
P381-320	M6 x 40	100



Threaded Fasteners

### • A2 Stainless Cross-recess Pan Head Machine Screws



ORDER CODE	SIZE REF	QTY
P401-055	M3 x 10	200
P401-056	M3 x 12	200
P401-058	M3 x 16	200
P401-105	M4 x 10	200
P401-106	M4 x 12	200
P401-108	M4 x 16	200
P401-110	M4 x 20	200
P401-112	M4 x 25	200
P401-115	M4 x 30	200
P401-120	M4 x 40	200
P401-205	M5 x 10	200
P401-206	M5 x 12	200
P401-208	M5 x 16	200
P401-210	M5 x 20	200
P401-212	M5 x 25	200

ORDER CODE	SIZE REF	QTY
P401-215	M5 x 30	200
P401-220	M5 x 40	200
P401-225	M5 x 50	200
P401-305	M6 x 10	100
P401-306	M6 x 12	100
P401-308	M6 x 16	100
P401-310	M6 x 20	100
P401-312	M6 x 25	100
P401-315	M6 x 30	100
P401-320	M6 x 40	100
P401-325	M6 x 50	100
P401-412	M8 x 25	100
P401-415	M8 x 30	100
P401-420	M8 x 40	100

### • A2 Stainless Cup Square Hex Bolts



ORDER CODE	SIZE REF	QTY
P421-430	M8 x 60	50
P421-440	M8 x 80	50
P421-452	M8 x 110	50
P421-456	M8 x 130	50

ORDER CODE	SIZE REF	QTY
P421-540	M10 x 80	50
P421-552	M10 x 110	50
P421-556	M10 x 130	50

N.B. Please order nuts separately.

### • A2 Stainless Cap Head Socket Screws



ORDER CODE	SIZE REF	QTY
P431-212	M5 x 25	100
P431-308	M6 x 16	100
P431-310	M6 x 20	100
P431-312	M6 x 25	100
P431-320	M6 x 40	100

ORDER CODE	SIZE REF	QTY
P431-412	M8 x 25	100
P431-420	M8 x 40	100
P431-510	M10 x 20	50
P431-515	M10 x 30	50

### • A2 Stainless Countersunk Socket Screws



ORDER CODE	SIZE REF	QTY
P451-310	M6 x 20	100
P451-312	M6 x 25	100
P451-315	M6 x 30	100
P451-410	M8 x 20	50

ORDER CODE	SIZE REF	QTY
P451-412	M8 x 25	50
P451-415	M8 x 30	50
P451-510	M10 x 20	50
P451-515	M10 x 30	50

### • A2 Stainless Button Head Socket Screws



ORDER CODE	SIZE REF	QTY
P471-308	M6 x 16	100
P471-312	M6 x 25	100
P471-410	M8 x 20	50

ORDER CODE	SIZE REF	QTY
P471-420	M8 x 40	50
P471-425	M8 x 50	50

# Threaded Fasteners

## A2 Stainless Steel Screws

7

### • A2 Stainless Countersunk Cross-recess Self Tapping Screws

ORDER CODE	SIZE REF	QTY
P501-108	4 x 5/8"	200
P501-310	6 x 3/4"	200
P501-312	6 x 1	200
P501-410	8 x 3/4"	100
P501-412	8 x 1	100
P501-416	8 x 1 1/4"	100
P501-419	8 x 1 1/2"	100
P501-425	8 x 2	100
P501-510	10 x 3/4"	100
P501-512	10 x 1	100
P501-519	10 x 1 1/2"	100
P501-525	10 x 2	100



See page 48 for  
Stainless Steel Nails

See page 32 for  
Stainless Steel Wood Screws

See page 36 for  
Stainless Steel Screw Cups



### • A2 Stainless Pan Head Cross-recess Self Tapping Screws

ORDER CODE	SIZE REF	QTY
P521-310	6 x 3/4"	200
P521-312	6 x 1	200
P521-406	8 x 1/2"	100
P521-410	8 x 3/4"	100
P521-412	8 x 1	100
P521-416	8 x 1 1/4"	100
P521-419	8 x 1 1/2"	100
P521-425	8 x 2	100
P521-506	10 x 1/2"	100
P521-510	10 x 3/4"	100
P521-512	10 x 1	100
P521-519	10 x 1 1/2"	100
P521-525	10 x 2	100



### • A2 Stainless Hex Head Coachscrews

ORDER CODE	SIZE REF	QTY
P531-325	M6 x 50	100
P531-340	M6 x 80	100
P531-425	M8 x 50	100
P531-430	M8 x 60	100
P531-435	M8 x 70	100
P531-535	M10 x 70	100
P531-550	M10 x 100	50





### • Brass Hex Full Nuts



ORDER CODE	SIZE REF	QTY
P601-050	M3	200
P601-070	M3.5	200
P601-100	M4	100
P601-200	M5	100
P601-300	M6	100

ORDER CODE	SIZE REF	QTY
P601-400	M8	100
P601-500	M10	50
P601-600	M12	50
P601-992	2 BA (Imperial)	200

### • Brass Flat Washers



ORDER CODE	SIZE REF	QTY
P621-050	M3	200
P621-070	M3.5	200
P621-100	M4	200
P621-200	M5	200

ORDER CODE	SIZE REF	QTY
P621-300	M6	200
P621-400	M8	200
P621-500	M10	100
P621-600	M12	100

### • Phosphor Bronze Spring Washers



ORDER CODE	SIZE REF	QTY
P641-300	M6	100
P641-400	M8	100

ORDER CODE	SIZE REF	QTY
P641-500	M10	50
P641-600	M12	50

### • Brass Studding

Stocked in 1 metre lengths



ORDER CODE	SIZE REF	L
P661-300	M6	1m
P661-400	M8	1m

ORDER CODE	SIZE REF	L
P661-500	M10	1m
P661-600	M12	1m

### • Brass Hex Setscrews



ORDER CODE	SIZE REF	QTY
P701-206	M5 x 12	100
P701-210	M5 x 20	100
P701-212	M5 x 25	100
P701-306	M6 x 12	100
P701-308	M6 x 16	100
P701-310	M6 x 20	100
P701-312	M6 x 25	100
P701-315	M6 x 30	100
P701-320	M6 x 40	100
P701-408	M8 x 16	100
P701-410	M8 x 20	100

ORDER CODE	SIZE REF	QTY
P701-412	M8 x 25	100
P701-415	M8 x 30	100
P701-420	M8 x 40	100
P701-425	M8 x 50	100
P701-510	M10 x 20	100
P701-512	M10 x 25	100
P701-520	M10 x 40	50
P701-525	M10 x 50	50
P701-615	M12 x 30	50
P701-620	M12 x 40	50
P701-625	M12 x 50	50

COMPETITIVE  
TRADE PRICES  
AVAILABLE

# Threaded Fasteners

## Brass Machine Screws

7

### • Brass Countersunk Slotted Machine Screws

ORDER CODE	SIZE REF	QTY
P751-058	M3 x 20	100
P751-059	M3 x 25	100
P751-105	M4 x 10	100
P751-106	M4 x 12	100
P751-112	M4 x 25	100

ORDER CODE	SIZE REF	QTY
P751-115	M4 x 30	100
P751-212	M5 x 25	100
P751-312	M6 x 25	100



### • Brass Pan Head Slotted Machine Screws

ORDER CODE	SIZE REF	QTY
P771-055	M3 x 10	100
P771-056	M3 x 12	100
P771-058	M3 x 20	100
P771-059	M3 x 25	100
P771-103	M4 x 6	100
P771-105	M4 x 10	100
P771-106	M4 x 12	100
P771-108	M4 x 16	100
P771-110	M4 x 20	100
P771-112	M4 x 25	100

ORDER CODE	SIZE REF	QTY
P771-115	M4 x 30	100
P771-117	M4 x 35	100
P771-120	M4 x 40	100
P771-125	M4 x 50	100
P771-206	M5 x 12	100
P771-212	M5 x 25	100
P771-306	M6 x 12	100
P771-312	M6 x 25	100



### • Nickel Plated Brass Raised Countersunk Head Machine Screws

Commonly known as switch box screws as they are used on electrical switches etc.

ORDER CODE	SIZE REF	QTY
P801-076	M3.5 x 12	100
P801-078	M3.5 x 20	100
P801-079	M3.5 x 25	100
P801-080	M3.5 x 30	100

ORDER CODE	SIZE REF	QTY
P801-082	M3.5 x 40	100
P801-084	M3.5 x 50	100
P801-085	M3.5 x 60	100
P801-088	M3.5 x 75	100



### • Imperial BA Brass Roundhead Machine Screws

ORDER CODE	SIZE REF	QTY
P821-906	2BA x 1/2	100
P821-912	2BA x 1	100

ORDER CODE	SIZE REF	QTY
P821-919	2BA x 1 1/2	100



Competitive Trade Prices

109

Threaded Fasteners

### • Nylon Hex Full Nuts

ORDER CODE	SIZE REF	QTY
P871-010	M4	200
P871-015	M5	200
P871-020	M6	200

ORDER CODE	SIZE REF	QTY
P871-025	M8	200
P871-030	M10	100
P871-035	M12	100

### • Nylon Flat Washers

ORDER CODE	SIZE REF	QTY
P871-050	M4	200
P871-055	M5	200
P871-060	M6	200
P871-065	M8	200

ORDER CODE	SIZE REF	QTY
P871-070	M10	100
P871-075	M12	100
P871-080	M16	100
P871-090	M20	100

### • Nylon Wing Nuts

ORDER CODE	SIZE REF	QTY
P871-100	M6	50
P871-105	M8	50

ORDER CODE	SIZE REF	QTY
P871-110	M10	25
P871-115	M12	25

### • Nylon Studding

ORDER CODE	SIZE REF	QTY
P871-150	M6 x 1M	1
P871-155	M8 x 1M	1

ORDER CODE	SIZE REF	QTY
P871-160	M10 x 1M	1
P871-165	M12 x 1M	1

### • Nylon Hex Setscrews

ORDER CODE	SIZE REF	QTY
P871-200	M6 x 12	100
P871-205	M6 x 25	100
P871-210	M6 x 50	100
P871-215	M6 x 70	100
P871-220	M8 x 16	100
P871-225	M8 x 25	100
P871-230	M8 x 50	100
P871-235	M8 x 70	100

ORDER CODE	SIZE REF	QTY
P871-240	M10 x 20	50
P871-245	M10 x 30	50
P871-250	M10 x 50	50
P871-255	M10 x 70	50
P871-260	M12 x 25	50
P871-265	M12 x 50	50
P871-270	M12 x 70	50

### • Nylon Slotted Countersunk Machine Screws

ORDER CODE	SIZE REF	QTY
P871-350	M4 x 12	100
P871-355	M4 x 25	100
P871-360	M5 x 12	100

ORDER CODE	SIZE REF	QTY
P871-365	M5 x 25	100
P871-370	M6 x 16	100
P871-375	M6 x 25	100

### • Nylon Slotted Pan Head Machine Screws

ORDER CODE	SIZE REF	QTY
P871-400	M4 x 12	100
P871-405	M4 x 25	100
P871-410	M5 x 12	100
P871-415	M5 x 25	100

ORDER CODE	SIZE REF	QTY
P871-420	M5 x 40	100
P871-425	M6 x 16	100
P871-430	M6 x 25	100
P871-435	M6 x 40	100



# mechanical





## Cable Clips

### Flat Cable Clips

ORDER CODE	SIZE REF		QTY
R011-105	FF2 x 4	White ○	100
R011-205	FF3 x 5	White ○	100
R011-350	FF5 x 8 (1.0mm + 1.5mm T+E)	Grey ●	100
R011-450	FF6 x 10 (2.5mm T+E)	Grey ●	100
R011-550	FF7 x 14 (4-6mm T+E)	Grey ●	100
R011-650	FF9 x 18 (10mm T+E)	Grey ●	100



### Flat Double Cable Clips

ORDER CODE	SIZE REF		QTY
R021-350	FFD 5 x 8	Grey ●	100
R021-450	FFD 6 x 10	Grey ●	100



### Round Cable Clips

ORDER CODE	SIZE REF		QTY
R031-105	FRC 3-5	White ○	100
R031-205	FRC 5-7	White ○	100
R031-305	FRC 7-10	White ○	100
R031-309	FRC 7-10	Black ●	100
R031-310	FRC 7-10	Red ●	100

ORDER CODE	SIZE REF		QTY
R031-340	FRC 7-10	Brown ●	100
R031-405	FRC 10-14	White ○	100
R031-409	FRC 10-14	Black ●	100
R031-505	FRC 14-20	White ○	50
R031-509	FRC 14-20	Black ●	50

### PVC Cable Grommets

The grommets are available open or closed and are designed to prevent cables chafing when going through trunking or electrical boxes.



ORDER CODE	SIZE REF		QTY
R060-010	20mm Open	Black ●	100
R060-012	25mm Open	Black ●	100

ORDER CODE	SIZE REF		QTY
R060-110	20mm Closed	Black ●	100
R060-112	25mm Closed	Black ●	100

### S.W.A. Cleats

Generally used for steel - wire - armoured cable fixing but has many other applications.



ORDER CODE	SIZE REF		QTY
R061-105	C5	12.7	100
R061-106	C6	15.2	100

ORDER CODE	SIZE REF		QTY
R061-107	C7	17.8	100
R061-108	C8	20.3	100





## E-fix Fischer Cable Fixings

- E-Fix is a range of high quality cable fixings from Fischer
- For time saving installation of individual cables, cable bundles and plastic conduits
- Clipfix principle combines single handed installation with phenomenal grip
- High quality nylon with temperature range of -20° to 80°C and high load bearing capacity



### • LS Cable Strap

ORDER CODE	SIZE REF			
R071-010	LS 3/13	6	3-13	100
R071-015	LS 8/28	6	8-28	100

ORDER CODE	SIZE REF			
R071-020	LS 20/40	6	20-40	100

### • KB Cable Clasp

ORDER CODE	SIZE REF		SIZE mm	
R071-108	KB 8	6	15x133	50

ORDER CODE	SIZE REF		SIZE mm	
R071-116	KB 16	6	15x230	25

### • RC Plastic Conduit Clip

ORDER CODE	SIZE REF			
R071-210	RC 20	6	20	100

ORDER CODE	SIZE REF			
R071-212	RC 25	6	20	100

Other sizes available to order.

### • SHA Cable Harness

ORDER CODE	SIZE REF	INTERNAL DIA mm	
R071-315	SHA/15	30x68	50

ORDER CODE	SIZE REF	INTERNAL DIA mm	
R071-330	SHA/30	43x103	25

Suitable for wall and ceiling mounting. Requiring holes 6mm dia.  
Recommended spacing when fully loaded 50-60cm.

### • Clipfix Base

Used to mount the SHA.

ORDER CODE	SIZE REF	INTERNAL DIA mm	
R071-390	SF PLUS/MS	20 x 42	50

### • Self Adhesive Clips

ORDER CODE	SIZE REF		
R081-001	SAF 1 25 x 25	4.0	100
R081-002	SAF 2 25 x 38	8.0	100
R081-003	SAF 3 38 x 42	12.0	100

ORDER CODE	SIZE REF		
R081-004	SAF 4 38 x 54	16.0	100
R081-010	SAFTC 34 x 42 (Tie mount)		100

### • Self Adhesive Tie Bases

These Self Adhesive Tie Bases are very useful when mounting cables to walls, ceilings, panels etc. They have 4 way cable tie entry and the 28x28 version has a central screw mounting hole.

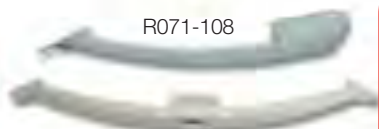
ORDER CODE	SIZE REF		MAX CABLE THE WIDTH	
R082-020	20 x 20mm	Natural	4mm	100
R082-028	28 x 28mm	Natural	5mm	100

For Capping Nails see page 50

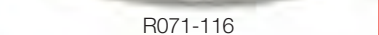
See page 61 for Pulsa electrical fixings and accessories



R071-015



R071-108



R071-116



R071-210



R071-330







Installation procedure



Spray FX-10 primer onto suitable surface.



Allow 20 mins drying time for primer. (Primer stays active for up to 14 days allowing pre-priming of larger areas). Remove backing film and apply fastener to primed area.



Installation tool must be used to expel any air and ensure maximum bond strength. Fastener is immediately ready to be loaded.

## EZI-FIX Loadbearing Adhesive backed fastening system

The proven, safe, sure way to fix cable, conduit, insulation and light pipework to most surfaces. **EZI-FIX®** loadbearing adhesive back fastening systems are revolutionizing the way many contractors are installing cable, light pipework and data products. The unique **3M VHB** acrylic foam which has been used for many years in the transportation industry is now being extensively applied to meet the equally high demands in the services sector of the construction industry.

**EZI-FIX®** have combined the inherent benefits of the 3M VHB Adhesive tape with the **specialty developed FX-10 primer** to give very high bond strength to many construction materials. The products are made using **Du Pont ZYTEL®** material and cover a wide range from the Data Saddles through to the 50mm Saddles and Threaded Bosses. Cost savings of up to 30% are reported by contractors who have made detailed surveys comparing the product with conventional drilling and fixing methods

### Features

Manufactured from 3M® & Du Pont® material.

No drilling required.

No electric power required.

Faster installation times.

Will not rust.

### Benefits

- High quality materials from international companies renowned for technologically advanced products.
- No noise - installations can be carried out in noise sensitive areas eg. offices, hospitals, shops etc, without costly shutdowns.
- No dust - reduces clean up time and enables work to be carried out whilst other activities are proceeding.
- Ideal in new building areas without permanent supply.
- Reduces need for temporary site power.
- Cost savings of up to 30% - independent surveys have shown overall savings of up to 30% over conventional methods.
- Suitable in areas subject to damp atmospheres.

## • EZI-FIX Data Saddles

ORDER CODE	SIZE REF			QTY
R091-121	16mm x 20mm	Natural	●	100
R091-123	16mm x 20mm	Black	●	100

NB. These saddles come complete with Cable Ties.

## • EZI-FIX 30mm Saddles



ORDER CODE	SIZE REF		SWL	QTY
R091-131	30mm Saddle	Natural	●	200
R091-133	30mm Saddle	Black	●	200
R091-135	30mm Saddle	Blue	●	200
R091-136	30mm Saddle	Red	●	200

Order cable ties separately.

## • EZI-FIX 50mm Saddles



ORDER CODE	SIZE REF		SWL	QTY
R091-151	50mm Saddle	Natural	●	100
R091-153	50mm Saddle	Black	●	100
R091-155	50mm Saddle	Blue	●	100

Order cable ties separately.



### EZI-FIX Conduit and Pipe Clips



ORDER CODE	SIZE REF		SWL	QTY
R091-322	20mm Ø Conduit Saddle	White ○	5	100
R091-323	20mm Ø Conduit Saddle	Black ●	5	100
R091-324	20mm Ø Conduit Saddle	Grey ●	5	100
R091-326	20mm Ø Conduit Saddle	Red ●	5	100
R091-342	25mm Ø Conduit Saddle	White ○	5	100
R091-343	25mm Ø Conduit Saddle	Black ●	5	100
R091-344	25mm Ø Conduit Saddle	Grey ●	5	100
R091-346	25mm Ø Conduit Saddle	Red ●	5	100



### EZI-FIX 50mm Threaded Boss



ORDER CODE	SIZE REF		SWL	QTY
R091-534	M6 Threaded Boss	Grey ●	10	100
R091-544	M8 Threaded Boss	Grey ●	10	100
R091-553	M10 Threaded Boss	Black ●	10	100



### EZI-FIX Primer

FX-10 Clear Primer can be used in all applications, but the Orange Primer may be beneficial when pre-priming larger areas as the light orange dye allows the primed area to be seen more easily.

ORDER CODE	SIZE REF	QTY
R091-910	150g FX-10 Clear Primer	1
R091-920	150g FX-10 Orange Primer	1



### EZI-FIX Application Tools

A range of purpose designed tools to ensure fast, safe and easy installation of all fixings. The 1500 - 3000mm Telescopic Tool allows pre priming and installation of fixings up to a height of 4.5 metres without the need of access equipment!

ORDER CODE	SIZE REF	QTY
R091-952	150mm Mini Tool for 30mm Saddles	1
R091-954	150mm Mini Tool for conduit & pipe clips	1
R091-962	400mm Maxi Tool c/w 30mm base head	1
R091-963	400mm Maxi Tool c/w 50mm base head	1
R091-964	400mm Maxi Tool c/w conduit & pipe clip head	1
R091-970	1500-3000mm Telescopic Tool (order Heads separately)	1
R091-972	Primer Aerosol Applicator Head	1
R091-982	Interchangeable head for 30mm bases	1
R091-983	Interchangeable head for 50mm bases	1
R091-984	Interchangeable head for conduit & pipe clips	1



COMPETITIVE  
TRADE PRICES  
AVAILABLE

## Nylon Cable Ties

### • Black Cable Ties

ORDER CODE	SIZE REF	SIZE	QTY
R101-501	TCA100A	100 x 2.5	200
R101-543	TCA120C	120 x 4.8	100
R101-602	TCA150B	150 x 3.5	100
R101-702	TCA200B	200 x 3.5	100
R101-703	TCA200C	200 x 4.8	100
R101-803	TCA300C	300 x 4.8	100
R101-813	TCA385C	385 x 4.6	100

ORDER CODE	SIZE REF	SIZE	QTY
R101-814	TCA390D	390 x 7.6	100
R101-834	TCA465D	465 x 7.6	100
R101-845	TCA540E	540 x 13	50
R101-854	TCA600D	600 x 7.6	100
R101-864	TCA760D	760 x 7.6	50
R101-890	TCA1000E	1000 x 13	100

### • Natural Cable Ties

ORDER CODE	SIZE REF	SIZE	QTY
R111-501	TCA100A	100 x 2.5	200
R111-543	TCA120C	120 x 4.8	100

ORDER CODE	SIZE REF	SIZE	QTY
R111-803	TCA300C	300 x 4.8	100
R111-814	TCA390D	390 x 7.6	100

### • Stainless Steel Cable Ties

These stainless steel cable ties are designed for external applications and corrosive conditions. They are high strength and have a high temperature resistance.

ORDER CODE	SIZE REF	QTY
R112-703	200 x 4.6mm	100

ORDER CODE	SIZE REF	QTY
R112-813	360 x 4.6mm	100

### • Cable Tray Ties

These ties are specially designed for use on Cable Tray and are easy to install, giving an extremely positive fixing. Simply break the joining strip, put into the tray slots and twist through 90°.

ORDER CODE	SIZE REF	Black	QTY
R113-804	320 x 7.8mm	Black	100

ORDER CODE	SIZE REF	Black	QTY
R113-815	350 x 12.6mm	Black	100

### • Nylon Marker Ties

These handy ties have a panel which can be written on or a label applied to. Ideal for identifying cables etc.

ORDER CODE	SIZE REF	SIZE	Natural	QTY
R114-501	MT 100 x 2.5	100 x 2.5mm	Natural	100

### • Screw Mounting Ties

These cable ties have a screw hole preformed in them so are ideal for mounting onto walls or concrete ceilings using screws. They can also be used with machine screws for mounting onto panels etc.

ORDER CODE	SIZE REF	Natural	QTY
R115-703	MTS 200 x 4.8	Natural	100



# Electrical & Mechanical

## Tie Mounts, Insulation Tape

8

### • Cable Tie Mounts

This fixing gives a one piece secure mount for cable ties. Simply drill a 6mm hole in masonry or timber and push in, looping the tie through the head of the fixing.

ORDER CODE	SIZE REF		QTY
R121-001	LOK01	6mm	100



### • C-Strap Cable Tie & Mount

C-Strap is a one piece tie and mount giving simple, quick and cost effective fixings of cables, conduits or pipes to a variety of materials. Simply insert into an 8mm hole and hammer in pin to expand plug. It is made of black polyamide 6 that is both shock resistant and anti UV. Tie length 65mm for cables upto 25mm diameter, releasable.

ORDER CODE	SIZE REF		QTY
R121-005	C-Strap cable tie fixing	8mm	200



### • PVC Insulation Tape

ORDER CODE	SIZE REF		QTY
R151-105	19mm x 20m	White ○	10
R151-108	19mm x 20m	Yellow ●	10
R151-109	19mm x 20m	Black ●	10
R151-110	19mm x 20m	Red ●	10
R151-120	19mm x 20m	Blue ●	10
R151-130	19mm x 20m	Green ●	10
R151-138	19mm x 20m	Green/Yellow Stripe ●	10
R151-140	19mm x 20m	Brown ●	10
R151-150	19mm x 20m	Grey ●	10
R151-505	50mm x 33m	White ○	3
R151-508	50mm x 33m	Yellow ●	3
R151-509	50mm x 33m	Black ●	3



### • Terminal Blocks

ORDER CODE	SIZE REF	QTY
R181-005	5 Amp	10 strips
R181-015	15 Amp	10 strips
R181-030	30 Amp	10 strips



For other tapes see page 249



### KEY TO INSULATED TERMINAL SIZING

1.5 = 1.5mm<sup>2</sup> Red Insulation  
 2.5 = 2.5mm<sup>2</sup> Blue Insulation  
 6.0 = 6.0mm<sup>2</sup> Yellow Insulation



## Insulated Terminals

### • Rings

ORDER CODE	SIZE REF			QTY
R201-008	IR 1.5 - 3.2	Red	●	100
R201-009	IR 1.5 - 3.7	Red	●	100
R201-011	IR 1.5 - 4.3	Red	●	100
R201-012	IR 1.5 - 5.3	Red	●	100
R201-013	IR 1.5 - 6.5	Red	●	100
R201-015	IR 1.5 - 10	Red	●	100
R201-020	IR 2.5 - 3.2	Blue	●	100
R201-022	IR 2.5 - 5.3	Blue	●	100
R201-023	IR 2.5 - 6.5	Blue	●	100
R201-024	IR 2.5 - 8.5	Blue	●	100
R201-025	IR 2.5 - 10	Blue	●	100
R201-061	IR 6.0 - 4.3	Yellow	●	100
R201-062	IR 6.0 - 5.3	Yellow	●	100
R201-063	IR 6.0 - 6.5	Yellow	●	100
R201-064	IR 6.0 - 8.5	Yellow	●	100
R201-066	IR 6.0 - 12	Yellow	●	100

### • Forks

ORDER CODE	SIZE REF			QTY
R201-108	IF 1.5 - 3.2N	Red	●	100
R201-109	IF 1.5 - 3.7	Red	●	100
R201-111	IF 1.5 - 4.3	Red	●	100
R201-112	IF 1.5 - 5.3	Red	●	100
R201-120	IF 2.5 - 3.7	Blue	●	100
R201-121	IF 2.5 - 4.3	Blue	●	100
R201-122	IF 2.5 - 5.3	Blue	●	100
R201-162	IF 6.0 - 5.3	Yellow	●	100
R201-163	IF 6.0 - 6.5	Yellow	●	100

### • Blades

ORDER CODE	SIZE REF			QTY
R201-215	IBL 1.5 - 10	Red	●	100
R201-219	IBL 1.5 - 18	Red	●	100
R201-224	IBL 2.5 - 9	Blue	●	100
R201-229	IBL 2.5 - 18	Blue	●	100

### • Push-on Female

ORDER CODE	SIZE REF			QTY
R201-310	IPO 1.5 - 2.8	Red	●	100
R201-311	IPO 1.5 - 4.8	Red	●	100
R201-313	IPO 1.5 - 6.3	Red	●	100
R201-321	IPO 2.5 - 4.8	Blue	●	100
R201-323	IPO 2.5 - 6.3	Blue	●	100
R201-363	IPO 6.0 - 6.3	Yellow	●	100

### • Push-on Male

ORDER CODE	SIZE REF			QTY
R201-413	IPOM 1.5 - 6.3	Red	●	100
R201-423	IPOM 2.5 - 6.3	Blue	●	100
R201-463	IPOM 6.0 - 6.3	Yellow	●	100

### • Piggy Backs

ORDER CODE	SIZE REF			QTY
R201-513	IPB 1.5 - 6.3	Red	●	100
R201-523	IPB 2.5 - 6.3	Blue	●	100

### Insulated Terminals

#### • Splices

ORDER CODE	SIZE REF		QTY
R201-610	IS 1.5 - 1.5	Red ●	100
R201-620	IS 2.5 - 2.5	Blue ●	100
R201-663	IS 6.0 - 6.0	Yellow ●	100

#### • Pins

ORDER CODE	SIZE REF		QTY
R201-714	IP 1.5 - 9.5	Red ●	100
R201-716	IP 1.5 - 12	Red ●	100
R201-724	IP 2.5 - 9.5	Blue ●	100
R201-726	IP 2.5 - 12	Blue ●	100

#### • Bullets

ORDER CODE	SIZE REF		QTY
R201-811	IB 1.5 - 4.0	Red ●	100
R201-822	IB 2.5 - 5.0	Blue ●	100

#### • Sockets

ORDER CODE	SIZE REF		QTY
R201-911	ISO 1.5 - 4.0	Red ●	100
R201-922	ISO 2.5 - 5.0	Blue ●	100

#### • Copper Tube Terminals

ORDER CODE	SIZE REF	QTY
R221-032	CT 6 - 5	100
R221-033	CT 6 - 6	100
R221-052	CT 10 - 5	100
R221-053	CT 10 - 6	100
R221-054	CT 10 - 8	100
R221-055	CT 10 - 10	100
R221-056	CT 10 - 12	100
R221-085	CT 16 - 10	100
R221-125	CT 25 - 10	100
R221-255	CT 50 - 10	100

#### • Crimping Tools

ORDER CODE	SIZE REF	QTY
R241-002	KT2 Insulated Terminals 1.5 - 6.0mm <sup>2</sup>	1
R241-015	CT15 Ratchet for Insulated Terminals 1.5 - 6.0mm <sup>2</sup>	1
R241-020	CT10-16 Copper tube terminals 10-16mm <sup>2</sup>	1
R241-025	CT120 Copper tube terminals 16 - 120mm <sup>2</sup>	1







### Talon Pipe Clip System

The TALON pipe clip system comprises a unique range of interlocking pipe clips which can be coupled together to provide a neat, strong and versatile pipe fixing system. Further to this the TALON pipe cover can be utilised for either twin 15mm pipe or twin 22mm pipe by simply clipping over the locking lugs. There is a full range of accessories available for the TALON cover.

The TALON spacers fit all sizes of clip and increase wall clearance from 12mm to 25mm to allow for pipework insulation.

### • Pipe Clips & Spacers

ORDER CODE	SIZE REF	QTY
R301-115	15mm Single	100
R301-122	22mm Single	100
R301-128	28mm Single	50
R301-215	15mm Double	50
R301-222	22mm Double	50
R301-500	Spacers	100

### • Pipe Cover

Back Plates are used for increased strength or where no pipes are passing. Suitable for 15mm + 22mm cover.

ORDER CODE	SIZE REF	QTY
R311-103	15mm Cover x 3m	12 x 3m
R311-203	22mm Cover x 3m	12 x 3m
R311-300	Back Plates	10

### • Pipe Cover Accessories

ORDER CODE	SIZE REF	QTY
R331-100	15mm Stop	10
R331-105	15mm Connector	10
R331-110	15mm Inside Corner	10
R331-115	15mm Outside Corner	10
R331-120	15mm Flat Corner	10
R331-125	15mm Top Access	10
R331-130	15mm Side Access	10
R331-200	22mm Stop	10
R331-205	22mm Connector	10
R331-210	22mm Inside Corner	10
R331-215	22mm Outside Corner	10
R331-220	22mm Flat Corner	10
R331-225	22mm Top Access	10
R331-230	22mm Side Access	10

### • Multi-Batt Pipe Clip

This knock-in clip is suitable for pipes, tubes and conduits from 15-22mm. Fixing could not be quicker, simply drill an 8mm hole in plaster, brick, concrete or wood and push the clip in. Available in White or Brown, please specify when ordering.

ORDER CODE	SIZE REF	QTY
R341-152	MBPC 1522 15 - 22 8mm White/Brown	250



### Pipe Clips

#### • Open Clips - Single & Double

ORDER CODE	SIZE REF	QTY
R361-115	NSO15	100
R361-122	NSO22	100
R361-128	NSO28	100

ORDER CODE	SIZE REF	QTY
R361-215	NDO 15 x 15	50
R361-222	NDO 22 x 22	50
R361-228	NDO 28 x 28	50



#### • Locked Clips - Single & Double

ORDER CODE	SIZE REF	QTY
R371-115	NSL15	100
R371-122	NSL22	100
R371-128	NSL28	100

ORDER CODE	SIZE REF	QTY
R371-215	NDL 15 x 15	50
R371-222	NDL 22 x 22	50
R371-228	NDL 28 x 28	50
R371-252	NDL 15 x 22	50



#### • Pipe Clip Spacer Blocks

These spacer blocks are for use with our pipe clip range R361-115 - R371-252. They are designed to allow the pipes to be spaced off the wall, so insulation can be put around the pipes. Can be used individually or you can combine more than one for extra spacing.

ORDER CODE	SIZE REF	H	QTY
R371-915	15mm	18mm	100

ORDER CODE	SIZE REF	H	QTY
R371-922	22mm	18mm	100



#### • Nail in Clips

ORDER CODE	SIZE REF	QTY
R391-010	NIP10	100
R391-015	NIP16	100

ORDER CODE	SIZE REF	QTY
R391-022	NIP22	100



#### • Pipe Hole Covers

ORDER CODE	SIZE REF	QTY
R401-010	PHC10	10
R401-015	PHC15	10

ORDER CODE	SIZE REF	QTY
R401-022	PHC22	10
R401-028	PHC28	10



#### • Poly Washers

ORDER CODE	SIZE REF	OD X ID	QTY
R421-006	1/2" Pillar Taps	1 1/2" x 7/8"	100
R421-010	3/4" Pillar Taps	1 3/4" x 1 1/2"	100
R421-012	1" Tank Connector	2 1/2" x 1 11/34"	100
R421-016	1 1/4" Bath Waste	3" x 1 11/16"	100
R421-019	1 1/2" Sink Waste	3 1/2" x 1 15/16"	100



#### • PTFE Thread Sealing Tape

R441-012 is a non-flammable thread sealant. Resistant to all acids, alkalis and solvents. Suitable for use with oxygen. R441-212 is a high density PTFE which is to Gas Board specifications.

ORDER CODE	SIZE REF	TYPE	QTY
R441-012	12mm x 12m	Standard	10/250
R441-212	12mm x 12m	Gas	10/250



#### • PTFE Liquid Thread Sealant

Liquid thread sealant approved for hot and cold water, gas and also suitable for LPG and compressed air.

ORDER CODE	SIZE REF	QTY
R442-300	50g PTFE Liquid Thread Sealant	1



**QWIK LINE support systems** offer simpler, quicker installations than many alternative methods. A full range of clips is available from 15-220mm (1/2" - 8") OD pipes. Proving ideal for industrial heating, drainage, refrigeration and process pipework the dual tapped (M8/M10) clips are complemented by a range of screwbolts, backplates, fixing rail etc. **See page 126.**

### • Qwik Clip

BZP Clip with EPDM rubber lining, hinged back, M8/M10 dual tapped boss captive M5 x 22 fixing screw. Max. safe working load in traction 80kg.



ORDER CODE	SIZE REF	OUTSIDE DIA	COPPER SIZE mm	NOM BORE in	QTY
R501-015	QH015	14-15	15	1/4	50
R501-018	QH018	16-18		3/8	50
R501-022	QH022	20-22	22	1/2	50
R501-025	QH025	25-27		3/4	50
R501-028	QH028	28-30	28		50
R501-035	QH035	33-35	35	1	50
R501-038	QH038	36-38			25
R501-042	QH042	42-44	42	1 1/4	25
R501-048	QH048	48-50		1 1/2	25
R501-054	QH054	52-54	54		25
R501-060	QH060	57-60		2	25

### • Qwik Clamp - Lined

BZP 2 piece clamp with EPDM rubber lining, M8/10 dual tapped boss, captive M6 x 20 fixing screws. Max. safe working load in traction 200kg.



ORDER CODE	SIZE REF	OUTSIDE DIA	COPPER SIZE mm	NOM BORE in	QTY
R511-018	QL018	15-19	15	3/8	50
R511-022	QL022	20-25	22	1/2	50
R511-028	QL028	26-30	28	3/4	50
R511-035	QL035	32-36	35	1	50
R511-040	QL040	37-43	42	1 1/4	25
R511-048	QL048	47-51	48	1 1/2	25
R511-054	QL054	52-56	54		25
R511-060	QL060	60-64		2	25
R511-070	QL070	67-72	67		25
R511-075	QL075	73-80	76	2 1/2	25
R511-083	QL083	81-86			25
R511-090	QL090	87-92		3	25
R511-100	QL100	99-105		3 1/2	25
R511-110	QL110	107-112	108		25
R511-115	QL115	113-118		4	25
R511-125	QL125	125-130			25
R511-133	QL133	132-137	133		25
R511-140	QL140	138-142		5	25
R511-150	QL150	148-152			25
R511-160	QL160	159-166	159		25
R511-168	QL168	168-172		6	25
R511-180	QL180	179-184			25
R511-200	QL200	199-205			25
R511-220	QL220	215-220		8	25



***Stainless Steel and Heavier Duty versions of Qwik Line Pipe Supports and Phenolic blocks are available to order.***



# Electrical & Mechanical

## Qwik Line Pipe Supports & Saddle Clamps

8

### • Qwik Clamp - Unlined

BZP 2 piece clamp with M8/M10 dual tapped boss, M6 x 20 fixing screws. Max. safe working load in traction 200kg

ORDER CODE	SIZE REF	OUTSIDE DIA	NOM BORE in	QTY
R531-018	QU018	15-19	3/8	50
R531-022	QU022	20-25	1/2	50
R531-028	QU028	26-30	3/4	50
R531-035	QU035	32-36	1	50
R531-040	QU040	38-48	1 1/4	25
R531-048	QU048	47-51	1 1/2	25
R531-054	QU054	53-56		25
R531-060	QU060	60-64	2	25
R531-070	QU070	67-72		25
R531-075	QU075	75-80	2 1/2	25
R531-083	QU083	81-86		25
R531-090	QU090	87-92	3	25
R531-100	QU100	99-105	3 1/2	25
R531-110	QU110	107-112		25
R531-115	QU115	113-118	4	25
R531-125	QU125	125-130		25
R531-133	QU133	132-137		25
R531-140	QU140	138-142	5	25
R531-150	QU150	148-152		25
R531-160	QU160	159-166		25
R531-168	QU168	168-172	6	25
R531-180	QU180	179-184		25
R531-200	QU200	199-207		25
R531-220	QU220	215-220	8	25



Electrical & Mechanical

### • Saddle Clamps

These Saddle Clamps are used in conjunction with the Channel System for pipework support and retention. Normally available in Zinc but sometimes self-colour may be offered to meet delivery requirements. Nominal bore sizes quoted are for steel pipe

ORDER CODE	SIZE REF	NOM BORE	QTY
R561-015	PS015	15mm	50
R561-020	PS020	20mm	50
R561-025	PS025	25mm	50
R561-032	PS032	32mm	50
R561-040	PS040	40mm	50
R561-050	PS050	50mm	25
R561-065	PS065	65mm	25
R561-080	PS080	80mm	25
R561-100	PS100	100mm	25
R561-125	PS125	125mm	10
R561-150	PS150	150mm	10
R561-200	PS200	200mm	5



Phone now for our latest offers on Power Tools

123



### • R.P.C. Channel Pipe Clip

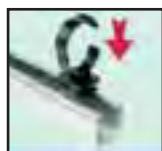
This RPC (Rapid Positioning Clip) is a one piece nylon pipe clip for rapid installation to channel section. Installation is simple - just drop onto the channel, twist to lock, lay the pipe in the clip and snap it shut - very quick and easy to use. Suits most 41 x 41 and 41 x 21 channel sections. **See page 149.**

ORDER CODE	SIZE REF	NOM BORE	COPPER SIZE	QTY
R571-105	RPC 3/8	3/8		10
R571-106	RPC 1/2	1/2		10
R571-108	RPC 5/8	5/8	15mm	10

ORDER CODE	SIZE REF	NOM BORE	COPPER SIZE	QTY
R571-110	RPC 3/4	3/4		10
R571-111	RPC 7/8	7/8	22mm	10
R571-114	RPC 1 1/8	1 1/8		10

### • RPC InsulClip

The RPC InsulClip is a one piece nylon pipe clip for rapid installation to channel section. It is designed to suit ACR and plumbing pipework even when insulated. These clips are simple to install, you just locate them into the channel, twist to lock, push the pipe in and snap it shut. The clips also have the added advantage that it allows an unbroken vapour barrier seal preventing the problem of sweating on metal fittings where VRV Systems are installed.



1 Engage channel



2 Twist to lock



3 Lay pipe in clip



4 Snap shut

ORDER CODE	SIZE REF	PIPE OUTSIDE DIAMETER	QTY
R572-015	IC015	15mm / 5/8"	10
R572-020	IC020	20mm / 3/4"	10
R572-022	IC022	22mm / 7/8"	10
R572-025	IC025	25mm / 1"	10
R572-028	IC028	28mm / 1 1/8"	10
R572-032	IC032	32mm / 1 1/4"	10

ORDER CODE	SIZE REF	PIPE OUTSIDE DIAMETER	QTY
R572-035	IC035	35mm / 1 3/8"	10
R572-040	IC040	40mm / 1 1/2"	10
R572-042	IC042	42mm / 1 5/8"	10
R572-050	IC050	50mm / 2"	10
R572-054	IC054	54mm / 2 1/8"	10

### • RPC Studding Clip

The RPC Studding Clip is extremely quick and simple to use, fitting effortlessly onto conventional M8 or M10 studding. It is easy to adjust up or down and is ideal for all pipework, conduit or cabling. See Sizing Chart to find out the correct clip for your application.



1 Engage studding



2 Twist to lock



3 Lay pipe in clip



4 Snap shut

ORDER CODE	SIZE REF	OUTSIDE DIAMETER	QTY
R573-415	SCM8-15	15mm / 5/8"	10
R573-420	SCM8-20	20mm / 3/4"	10
R573-422	SCM8-22	22mm / 7/8"	10
R573-425	SCM8-25	25mm / 1"	10
R573-428	SCM8-28	28mm / 1 1/8"	10
R573-432	SCM8-32	32mm / 1 1/4"	10
R573-435	SCM8-35	35mm / 1 3/8"	10
R573-440	SCM8-40	40mm / 1 1/2"	10
R573-442	SCM8-42	42mm / 1 5/8"	10
R573-450	SCM8-50	50mm / 2"	10
R573-454	SCM8-54	54mm / 2 1/8"	10

ORDER CODE	SIZE REF	OUTSIDE DIAMETER	QTY
R573-515	SCM10-15	15mm / 5/8"	10
R573-520	SCM10-20	20mm / 3/4"	10
R573-522	SCM10-22	22mm / 7/8"	10
R573-525	SCM10-25	25mm / 1"	10
R573-528	SCM10-28	28mm / 1 1/8"	10
R573-532	SCM10-32	32mm / 1 1/4"	10
R573-535	SCM10-35	35mm / 1 3/8"	10
R573-540	SCM10-40	40mm / 1 1/2"	10
R573-542	SCM10-42	42mm / 1 5/8"	10
R573-550	SCM10-50	50mm / 2"	10
R573-554	SCM10-54	54mm / 2 1/8"	10

*Inside Diameter: Certain clips have two positions to accommodate both metric and imperial sizes.*

InsulClip and Studding Clip Application Table

CLIP SIZE	PLUMBING COPPER (no insulation)	IMPERIAL COPPER (no insulation)	COPPER PIPE (w/9mm insul.)	COPPER PIPE (w/13mm insul.)	CONDENSATE DRAIN	PVC-U PRESSURE PIPE
12mm		1/2" Pipe	-	-	-	-
15mm	15mm	5/8" Pipe	-	-	-	-
20mm	-	3/4" Pipe	-	-	-	1/2" Pipe
22mm	22mm	7/8" Pipe	-	-	yes	1/2" Hep.
25mm	-	1" Pipe	1/4" Pipe	-	-	3/4" Pipe
28mm	28mm	1-1/8" Pipe	3/8" Pipe	-	-	-
32mm	-	1-1/4" Pipe	1/2" Pipe	1/4" Pipe	-	1" Pipe
35mm (1)	-	1-3/8" Pipe	5/8" Pipe	3/8" Pipe	yes	-
35mm (2)	35mm	-	3/4" Pipe	1/2" Pipe	-	1 1/4" Pipe
40mm	-	1-1/2" Pipe	7/8" Pipe	5/8" Pipe	-	-
42mm	42mm	1-5/8" Pipe	1-1/8" Pipe	3/4" Pipe	yes	1-1/2" Pipe
50mm	-	2" Pipe	-	7/8" Pipe	-	-
54mm	54mm	2-1/8" Pipe	1-3/8" Pipe	1-1/8" Pipe	yes	2" Pipe

# Electrical & Mechanical Industrial Pipe Clips & Pipe Supports

8

## • Pipe Clips

Zinc plated for steel pipe - supplied complete with set screw and nut. Dimensions refer to minimum and maximum O.D. of pipe to be fixed. This range is designed for use with our channel system on page 149.

ORDER CODE	SIZE REF	PIPE OD mm	QTY	ORDER CODE	SIZE REF	PIPE OD mm	QTY
R601-012	M1112	14-16mm	50	R601-028	M1128	64-68mm	25
R601-013	M1113	16-18mm	50	R601-029	M1129	68-73mm	25
R601-014	M1114	18-21mm	50	R601-030	M1130	73-79mm	25
R601-015	M1115	19-21mm	50	R601-031	M1131	76-82mm	25
R601-016	M1116	21-25mm	50	R601-032	M1132	82-88mm	25
R601-017	M1117	25-28mm	50	R601-033	M1133	88-95mm	25
R601-018	M1118	27-30mm	50	R601-034	M1134	95-100mm	25
R601-019	M1119	30-34mm	50	R601-035	M1135	100-106mm	10
R601-020	M1120	32-36mm	50	R601-036	M1136	106-111mm	10
R601-021	M1121	35-40mm	50	R601-037	M1137	111-121mm	10
R601-022	M1122	40-43mm	50	R601-038	M1138	121-129mm	10
R601-023	M1123	43-47mm	50	R601-039	M1139	129-138mm	10
R601-024	M1124	47-51mm	50	R601-040	M1140	138-149mm	10
R601-025	M1125	48-52mm	25	R601-041	M1141	149-162mm	10
R601-026	M1126	52-59mm	25	R601-042	M1142	162-175mm	10
R601-027	M1127	59-64mm	25				

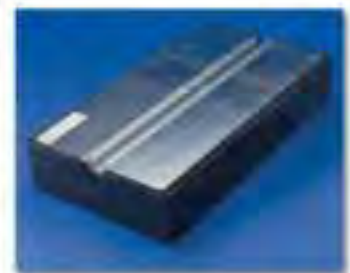


## • Erico Pipe Pier™ Pipe Supports

The Erico Pipe Pier is designed to support pipes, conduits and cabling systems on roof or raised floor applications. The Pipe Pier is a lightweight long lasting product which protects the roof membrane from damage. Because of its low weight it allows the product to be carried up to the roof safely compared with using heavy paving slabs or large timbers. The integral mounted channel in Pipe Pier means the pipe/cables can be fixed using a wide variety of standard brackets.



ORDER CODE	SIZE REF	DIMENSIONS mm	LOAD CAPACITY PER BLOCK	QTY
R605-010	PP50H4	267(W) x 102(D) x 102(H)	50	10
R605-020	PP50H6	267(W) x 102(D) x 152(H)	50	10
R605-030	PP150H4	305(W) x 305(D) x 102(H)	150	3
R605-040	PP300H4	546(W) x 305(D) x 102(H)	300	3
R605-050	PP50H2AH	267(W) x 102(D) x 51(H)	50	10

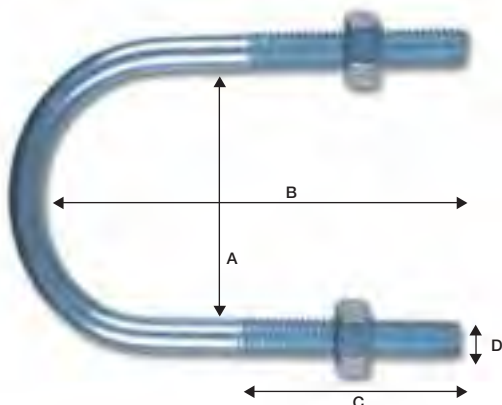


Electrical & Mechanical

Collect from our large, well stocked counter

125

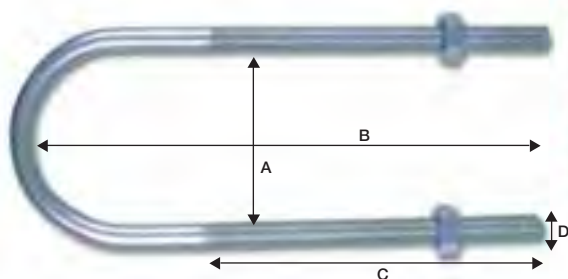




### • BZP U-Bolts Standard Leg

ORDER CODE	NOM BORE mm	in	A mm	B mm	C mm	D mm	QTY
R621-110	20	3/4	27	53	30	M6	100
R621-112	25	1	34	60	30	M6	100
R621-116	32	1 1/4	45	70	40	M10	100
R621-120	40	1 1/2	51	75	40	M10	100
R621-125	50	2	60	85	40	M10	100
R621-132	65	2 1/2	76	100	40	M10	100
R621-140	80	3	90	115	40	M12	50
R621-150	100	4	114	140	40	M12	50
R621-155	125	5	140	165	40	M12	25
R621-160	150	6	170	200	50	M12	25

† N.B. Dimension 'A' is outside pipe diameter. Distance between legs will be greater than this. Supplied complete with two nuts.



### • BZP U-Bolts Extended Leg

ORDER CODE	NOM BORE mm	in	A mm	B mm	C mm	D mm	QTY
R621-212	25	1	34	111	75	M6	100
R621-216	32	1 1/4	45	122	85	M10	100
R621-220	40	1 1/2	48	127	85	M10	100
R621-225	50	2	60	140	85	M10	100
R621-232	65	2 1/2	76	152	85	M10	100
R621-240	80	3	90	168	90	M12	50
R621-250	100	4	114	193	90	M12	50

† N.B. Dimension 'A' is outside pipe diameter. Distance between legs will be greater than this. Supplied complete with two nuts.

All sizes given are approximate.

Please quote Pipe Nominal Bore when ordering.

### • Qwik Rail

27mm x 18mm x 1.25mm thick galvanised support rail which takes M8 back nuts or hammerhead bolts. Back face is punched with 8mm, 10mm and 12mm ø holes alternately. Available in 2m lengths.



ORDER CODE	SIZE REF	DESCRIPTION	QTY
R631-139	27 x 18 x 2m	Qwik Rail	2m
R631-400	M8	Backnuts to suit	100
R631-415	M8 x 30	Hammerhead bolts to suit	100

### • Back Plates

ORDER CODE	SIZE REF	QTY
R641-108	M8/M10 Dual Tapped	50

See also page 130 for Rapidrail Support Systems



## • Thread Reducers

ORDER CODE	SIZE REF	FEMALE THREAD	MALE THREAD	QTY
R641-405	RFM 8 - 10	M8	M10	100
R641-506	RFM 10 - 12	M10	M12	100
R641-605	RFM 12 - 10	M12	M10	100

## • Hanger Rod Swivel

Allowing vertical drops to be effected when hanging from angled purlins etc.

ORDER CODE	SIZE REF		QTY
R641-805	RTU M10L	85	100
R641-806	RTU M12L	95	100

## • MSF - Masonry Screw Fixing

These two fixings are used to fix either pipe clips or suspended threaded rods from ceilings or walls. As there is no expansion involved they can be used on hollow slab type ceilings. Installation is simple: just drill a 6mm hole and screw them in using a socket.

ORDER CODE	SIZE REF			QTY
R642-208	MSF M8M (male)	M8	6.0	100
R642-210	MSF M8/M10F (female)	M8/M10	6.0	100

## • SDH - Self Drill Rod Hanger

The SDH self drilling rod hanger is designed for attaching M8/M10 threaded rod onto steel purlins, cladding etc. The SDH-V version leaves a vertical threaded recess and the SDH-S leaves a sideways on recess. Two drill points are available to suit the varying steel thickness to be fastened to.

ORDER CODE	SIZE REF	TYPE		STEEL THICKNESS	QTY
R645-403	SDH-V-M8C	Vertical	M8	1.0-3.0	100
R645-404	SDH-V-M8M	Vertical	M8	3.0-6.0	100
R645-503	SDH-V-M10C	Vertical	M10	1.0-3.0	100
R645-504	SDH-V-M10M	Vertical	M10	3.0-6.0	100
R646-403	SDH-S-M8C	Side	M8	1.0-3.0	100
R646-404	SDH-S-M8M	Side	M8	3.0-6.0	100
R646-503	SDH-S-M10C	Side	M10	1.0-3.0	100
R646-504	SDH-S-M10M	Side	M10	3.0-6.0	100

ORDER CODE	SIZE REF	QTY
R646-900	SDH-D-M8/10 Socket Drive Unit	1

## • Screw Bolts

To fix pipe clips etc, to timber, or to masonry using a nylon wallplug.  
- See page 1.

ORDER CODE	SIZE REF	QTY
R651-425	M8 x 50	100
R651-440	M8 x 80	100
R651-450	M8 x 100	100



### • BZP Hose Clips

These clips are stocked in BZP but stainless steel versions are also available to order.

ORDER CODE	SIZE REF	TO FIT PIPE OLD	QTY
R661-012	000	9.5 - 12mm	10
R661-016	M00	11 - 16mm	10
R661-020	00	13 - 20mm	10
R661-022	0	16 - 22mm	10
R661-025	0X	18 - 25mm	10
R661-030	1A	22 - 30mm	10
R661-035	1	25 - 35mm	10
R661-040	1X	30 - 40mm	10
R661-050	2A	35 - 50mm	10
R661-055	2	40 - 55mm	10
R661-060	2X	45 - 60mm	10
R661-070	3	55 - 70mm	10
R661-090	4	70 - 90mm	Loose
R661-120	5	90 - 120mm	Loose
R661-140	6	110 - 140mm	Loose
R661-190	7 1/2	158 - 190mm	Loose



### • Lightning Band

Lightning band is a universal fixing band to fabricate hose clips or fixing bands for flexible ducting etc. The band is 11mm wide, zinc plated and can be cut to any length from the standard 30 metre roll. The housings and screws are then used to form the connection and make the adjustments.

ORDER CODE	SIZE REF	QTY
R691-130	11mm x 30 metre banding	1 Roll
R691-200	11mm Housing + Screws complete	100



**For Ducting Tape see page 249**





### • DEKTITE Pipe Flashings

Complete range to suit from 5mm diameter cables or rods to 420mm diameter pipes and flues.

GREY = EPDM Material - Temp Range -30°C +115°C

RED = Silicone Material - Temp Range -60°C +200°C

ORDER CODE	SIZE REF		TO SUIT PIPE OD/S mm	FIXING KIT REQUIRED
R701-101	# DF 101	Grey ●	5 - 55	1 x FX 901
R701-103	# DF 103	Grey ●	5 - 110	1 x FX 901
R701-104	# DF 104	Grey ●	75 - 135	1 x FX 901
R701-105	# DF 105	Grey ●	115 - 170	1 x FX 901
R701-106	DF 106	Grey ●	125 - 195	1 x FX 901
R701-107	# DF 107	Grey ●	150 - 225	1 x FX 901
R701-108	DF 108	Grey ●	175 - 270	1 x FX 901
R701-109	DF 109	Grey ●	250 - 420	2 x FX 901
R701-203	# DF 203	Red ●	5 - 110	1 x FX 901
R701-204	# DF 204	Red ●	75 - 135	1 x FX 901
R701-205	# DF 205	Red ●	115 - 170	1 x FX 901
R701-206	DF 206	Red ●	125 - 195	1 x FX 901
R701-207	# DF 207	Red ●	150 - 225	1 x FX 901
R701-208	# DF 208	Red ●	175 - 270	1 x FX 901
R701-209	DF 209	Red ●	250 - 420	2 x FX 901

### • DEKTITE Retrofit Flashings

Provides an ideal solution to flashing of existing pipes or flues. Excellent for roof renovation projects. Available to order only, enquire for further details

### • DEKTITE Soaker Flashings

Soaker flashing eliminates damming between the ribs of profiled sheets.

ORDER CODE	SIZE REF		TO SUIT PIPE OD/S mm	FIXING KIT REQUIRED
R701-602	DF 602	Grey ●	75 - 155	1 x FX 902
R701-603	DF 603	Grey ●	114 - 254	1 x FX 902
R701-605	DF 605	Grey ●	254 - 410	1 x FX 902
R701-606	DF 606	Grey ●	410 - 610	1 x FX 902
R701-702	DF 702	Red ●	75 - 155	1 x FX 902
R701-703	DF 703	Red ●	114 - 254	1 x FX 902
R701-705	DF 705	Red ●	254 - 410	1 x FX 902
R701-706	DF 706	Red ●	410 - 610	1 x FX 902

### • DEKTITE Stripflash

EPDM Grey strip flashing system for non-standard applications, e.g. chimneys, skylights and expansion joint details. Suitable for temperatures -30°C to +115°C

ORDER CODE	SIZE REF	FIXING KIT REQUIRED
R701-801	DSFEG 225mm x 10m	FX903

### • DEKTITE Fixing Kits

ORDER CODE	SIZE REF	
R701-901	#	FX901 Contains 78 gm silicone sealant - plus 12 each screws - washers - caps, a trimming knife, pilot drill bit and instruction leaflet.
R701-902	#	FX902 Contains 3 tubes 78gm silicone sealant - plus 30 each screws - washers - caps, a trimming knife, pilot drill bit and instruction leaflet.
R701-903		FX903 Fixing kit for Stripflash

### DEKTITE Pipe Flashings

The Dektite system provides a flexible solution for flashing problems.

Designed to completely weatherproof pipes and flues where they penetrate corrugated walls and roofs, they are flexible, simple to fit, corrosion resistant and extremely durable. Included in the range are Soaker Flashings designed to eliminate any damming effect between corrugations. Retrofit Dektite suitable for repairing failed or old flashing systems and Stripflash, a 10 metre long roll of dektite material for use when standard Dektite products are unsuitable.





### • Quick-Fix

A new innovative system for fixing pipework, ducting, cable tray etc. Using just one main component and a special bending tool an engineer can quickly manufacture bespoke brackets and support systems to suit just about every application on-site. Ideal for electricians, heating engineers, ceiling contractors, general maintenance contractors.

Quick fix comes in 2m lengths and is pre-drilled to take M8 or M10 fasteners.

ORDER CODE	SIZE REF		
R703-100	2m x 50mm x 3mm Quick-Fix Strap	BZP	10
R703-120	2m s/s Quick-Fix Strap	Stainless	10

ORDER CODE	SIZE REF	DESCRIPTION	
R703-150	QF-BP	Quick-Fix Back Plates	100
R703-200	QF-TOOL	Quick-Fix Bending Tool	1



### • RAPIDRAIL Support System

This new rail systems has many advantages over the standard 41mm channel systems e.g. time, cost, space etc. The accessories come pre-assembled ready for use and they can be attached either side of the rail very quickly.

ORDER CODE	SIZE REF	DESCRIPTION	
R704-212	WM15/2M	30 x 20 x 1.75mm Rapidrail	10
R704-306	RRN M6	Rapidrail Slide Nut	50
R704-308	RRN M8	Rapidrail Slide Nut	50
R704-310	RRN M10	Rapidrail Slide Nut	50
R704-420	658 4 003	2 hole 90° Rapidrail Angle Bracket	25
R704-425	658 4 001	4 Hole 90° Rapidrail Angle Bracket	25
R704-450	658 4 051	45° Rapidrail Angle Connector	25
R704-470	658 4 152	Rapidrail U-Bracket Rail Clamp	25
R704-500	654 3 001	Rapidrail Splice Rail Connector	25
R704-510	661 3 820	Rapidrail Pressure End Connector	25
R704-530	679 3 008	Rapidrail Suspension Bracket	25
R704-550	662 8 220	200mm Rapidrail Prop	10
R704-560	661 3 200	Rapidrail Wall Fixing Bracket	25
R704-570	658 5 011	Rapidrail Beam Clamps	50
R704-580	656 6 000	Rapidrail End Caps	100



### • All Purpose Fixing Band

This strong pliable fixing band is available either galvanised, PVC coated or stainless steel for numerous applications and is indispensable for electricians, heating engineers, ceiling contractors, joiners, farmers, boatbuilders etc.

ORDER CODE	SIZE REF		+W+	+L+	
R711-091	APB12 B	Black PVC ●	12	10m	5
R711-092	APB17 B	Black PVC ●	17	10m	7
R711-093	APB26 B	Black PVC ●	26	10m	8
R711-101	APB12 R	Red PVC ●	12	10m	5
R711-102	APB17 R	Red PVC ●	17	10m	7
R711-151	APB12 OR	Orange PVC ●	12	10m	5
R711-152	APB17 OR	Orange PVC ●	17	10m	7
R711-861	APB12 G	Galv	12	10m	5
R711-862	APB17 G	Galv	17	10m	7
R711-863	APB26 G	Galv	26	10m	8



### • BZP Metric Eyebolts

Used extensively for suspension of lighting, signs, heaters etc., especially in conjunction with our channel system on pages 149. The longer size eyebolts 150mm+ come complete with a nut and washer are used for tensioning the straining wires of fencing and are supplied with one nut and one washer. Lengths are approximate overall measurements.

ORDER CODE	SIZE REF		QTY
R731-350	M6 x 100	BZP	50
R731-360	M6 x 150	BZP	50
R731-450	M8 x 100	BZP	50
R731-475	M8 x 250	BZP	50
R731-550	M10 x 100	BZP	50
R731-570	M10 x 200	BZP	50
R731-575	M10 x 250	BZP	50
R731-580	M10 x 300	BZP	50
R731-650	M12 x 100	BZP	50



### • Ring Nuts

For use either with anchor bolts or standard bolts. These ring nuts are produced to DIN582, but are not certificated for lifting purposes.

ORDER CODE	SIZE REF		QTY
R751-030	RN06	6mm	25
R751-040	RN08	8mm	25
R751-050	RN10	10mm	25
R751-060	RN12	12mm	10
R751-070	RN16	16mm	10
R751-080	RN20	20mm	5







### • Vine Eyes

Zinc plated, for hanging suspended ceilings from wooden joists etc.

ORDER CODE	SIZE REF		QTY
R761-137	75mm x 5.5mm nom.	BZP	100

### • Screw Eyes

ORDER CODE	SIZE REF		QTY
R761-222	45mm x 10g	BZP	100
R761-232	65mm x 14g	BZP	100

### • Wirehangers

Zinc plated high tensile, for hanging suspended ceilings from concrete ceilings.

ORDER CODE	SIZE REF			QTY
R761-430	6 x 60mm	BZP	6	100

### • Angle Cleat Brackets

Designed for the suspension of suspended ceiling wires from ceiling etc.

ORDER CODE	SIZE REF		QTY
R761-435	25 x 25mm		1000

### • VFC - Vertical Flange Clip

A versatile flange clip designed for the suspension of ceiling wires, speedlinks etc, from z-purlins.

ORDER CODE	SIZE REF	DESCRIPTION		QTY
R761-500	VFC	Verticle Flange Clip	1.6-2.5mm	100

### • Screw Hooks

ORDER CODE	SIZE REF		QTY
R761-527	55mm x 8g	BZP	100
R761-540	80mm x 12g	BZP	100

### • Mild Steel Solid Suspension Wire

Solid core wire for suspended ceilings etc.

ORDER CODE	SIZE REF	KG	QTY
R771-280	2.0mm x 80m	2kg	5 coils

# Electrical & Mechanical Wire Rope & Suspension Fittings

8

## Galvanised Wire Rope

This commercial wire rope is made of a 6/7 construction and is suitable for many commercial applications e.g. light fittings, cable support, catenaries etc., but is not recommended for load critical applications.

ORDER CODE	SIZE REF		SWL	QTY
R781-225	2mm x 50m	Galv	48	1 roll
R781-250	2mm x 100m	Galv	48	1 roll
R781-325	3mm x 50m	Galv	108	1 roll
R781-350	3mm x 100m	Galv	108	1 roll
R781-425	4mm x 50m	Galv	192	1 roll
R781-450	4mm x 100m	Galv	192	1 roll
R781-625	6mm x 50m	Galv	432	1 roll
R781-650	6mm x 100m	Galv	432	1 roll



**Stainless Steel wire rope and accessories available to order**

## Wire Rope Grips

ORDER CODE	SIZE REF		QTY
R801-023	2 - 3mm	Galv	100
R801-045	4 - 5mm	Galv	100
R801-060	6mm	Galv	100

## Heart Shaped Thimbles

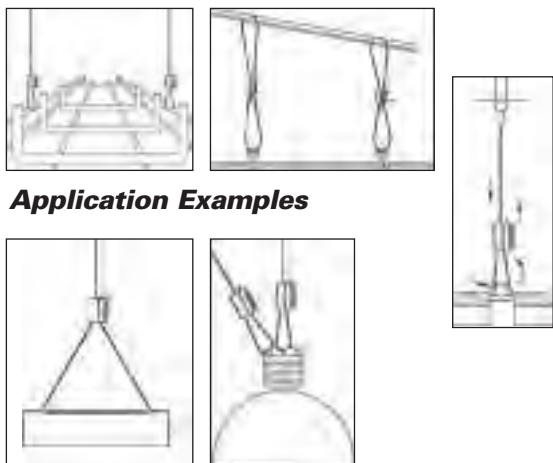
ORDER CODE	SIZE REF		QTY
R801-123	2 - 3mm	Galv	50
R801-134	3 - 4 mm	Galv	50
R801-156	5 - 6mm	Galv	50

## Barrel Strainers

ORDER CODE	SIZE REF		QTY
R801-203	M6	Galv	10
R801-205	M10	Galv	10

## Rize Cable Suspension System

See page 255 for further information



**Application Examples**



**See page 255 for the New Rize Cable Suspension System**





### • Hook Plate

ORDER CODE	SIZE REF		QTY
R801-325	50 x 50	Galv	10

### • Jack Chain

ORDER CODE	SIZE REF		L
R821-584	10g	BZP	10m
R821-587	10g	BJ	10m

See page 252 for Security Chains

### • Welded Loop Chain

ORDER CODE	SIZE REF	INSIDE LINK mm		L
R831-326	3ø	26 x 8	Galv	10m
R831-545	5ø	24 x 21	Galv	10m



### • 'D' Shackles

ORDER CODE	SIZE REF		L
R841-105	5mm (3/16")	Galv	50
R841-206	6mm (1/4")	Galv	50

### • 'S' Hooks

ORDER CODE	SIZE REF		L
R841-440	4 x 40	BZP	100
R841-650	6 x 50	BZP	100





### GC Girder Clamps

These versatile clamps are tightened down onto a beam flange then a bolt or threaded rod can be passed through the hole in the spine.

ORDER CODE	SIZE REF			QTY
R861-103	GC 6	M6	17	50
R861-104	GC 8	M8	17	50
R861-105	GC 10	M10	19	50
R861-106	GC 12	M12	19	50



### PCM - Purlin Clip

This simple, neat fixing clips into place on the bottom flange upstand of a roofing purlin (Z-beam) and can be used to support sprinklers, lighting, pipework etc. Suitable for most purlin applications.

ORDER CODE	SIZE REF			QTY
R871-205	PCM10L	M10	BZP	50



### Wedge Nuts

Whenever hollow ribbed concrete decking is used these wedge nuts can be used to support many items from the ceiling formed below using bolts or threaded rod. **Also see other decking fixings on pages 141 and 147.**

#### SWN - Standard Wedge Nuts (for Hollo-rib)

ORDER CODE	SIZE REF			QTY
R881-103	SWN 6	M6		100
R881-104	SWN 8	M8		100
R881-105	SWN 10	M10		100



#### MWN - Mini Wedge Nuts (for Rib Deck 60)

ORDER CODE	SIZE REF			QTY
R881-203	MWN 6	M6		100
R881-204	MWN 8	M8		100
R881-205	MWN 10	M10		100



**See next page for decking suitability information chart**

#### MMWN - Mini Mini Wedge Nuts (for Rib Deck 80)

ORDER CODE	SIZE REF			QTY
R881-303	MMWN 6	M6		100
R881-304	MMWN 8	M8		100

For decking suitability see page 136

### Lindapter FLS Beam Clamp

A high performance articulated swivel beam clamp meeting the criteria required for FM approval. High load bearing capacity without the need to bend threaded rod. It offers articulation to 90° forwards and 45° sideways and backwards within a compact space.

ORDER CODE	SIZE REF			QTY
S010-105	FLS 10	M10	17	25



### Lindapter Swiftgrip

The Lindapter Swiftgrip is designed to significantly reduce installation time, whilst offering greater performance than standard cast beam clamps. Swiftgrip enables connection of threaded rod to beam in one simple operation.



ORDER CODE	SIZE REF			QTY
S010-205	LSG10	M10	20	100





**For Erico  
Caddy or  
Lindapter  
decking  
fixings see  
pages 141  
and 147**



## Decking Information

DECKING MANUFACTURER	DECKING TYPES	PRODUCT TO SUIT
Richard Lees Richard Lees Quickspan Corus Decking Alpha Decking SMD Decking Ward	Super Holorib Holorib Q51 CF51 Alpharib R51 Multi-Deck 50	SWN M6,M8, M10 ERICO: GTD1217 or GTD1722, M6, M8, M10 SCD1217 or SCD1722*
Richard Lees	Ribdeck 60	MWN M6, M8, M10 ERICO: GTD1217, M6, M8, M10 SCD1217
Richard Lees	Ribdeck 80	MMWN M6, M8, M10 ERICO: GTD1217, M6, M8, M10, SCD1217
Richard Lees	Ribdeck 225 (Ribdeck AL/Holodeck)	No product to suit
Quickspan	Q60	MWN M6, M8, M10 ERICO: GTD1217, M6, M8, M10
PMF Decking	CF70	MMWN, M6, M8 ERICO: GTD1217, M6, M8, M10 SCD1217
Corus Decking	CF60/CF46	No products to suit
PMF Decking ALPHA Decking	CF46 Alpha lock	(To order only) LINDAPTER: Alphawedge, M6, M8, M10 Alphaclip
SMD Decking	TR60	LINDAPTER: TR60 Wedge
Richard Lees	Ribdeck 210	ERICO: OCDC, OCDC-S (To order only)
Ward	Multi-Decking 60+80	ERICO:WDC LINDAPTER: Multiwedge 2, M6, M8, M10
British Steel	Slimdeck SD225	LINDAPTER: SD, M6, M8, M10, M12

\* Will match 25% of installations where decking has been stretched. This information should only be used as a guide. E.&O.E.

## Girder Clamp

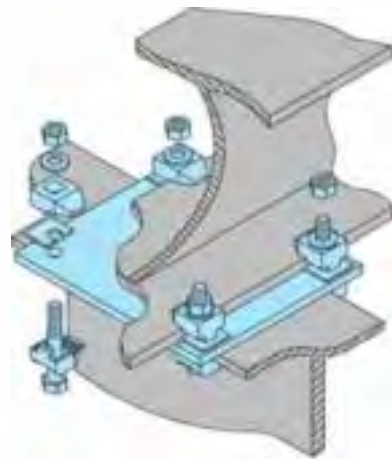
The Lindapter Girder Clamp secures secondary steelwork to structural members without the need to drill or weld. This offers several advantages over traditional methods, including a reduction in installation time and cost. Girder Clamps can be supplied to accommodate any size or type of steelwork and variations in height or angular displacement between members. Many different components are available to suit your needs - for further information on the full range of Lindapter products, sizes, materials and finishes available, loadbearing capabilities, or installation instructions, please contact Fixfirm for a full Lindapter catalogue.

To arrive at Lindapter combinations for your application see chart on page 139.

### • Type A

The type A Lindapter bolt can secure steelwork in a wide variety of applications. It has a recessed top to hold the bolt head captive whilst the nut is tightened. Use in conjunction with type W washer to convert to a flat top Lindapter to make a pair for bolting.

For Safe Working Loads refer to Fixfirm or the current Lindapter catalogue.



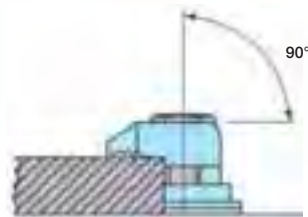
### • Short Tail Length (V)

ORDER CODE	BOLT SIZE (Z)	Y	X	TAIL LENGTH (V)	T	WIDTH	QTY
S011-105	M10	20	11	4.0	5.0	26	# 100
S011-106	M12	26	13	4.5	6.0	29	# 100
S011-107	M16	30	16	5.5	8.0	35	# 50
S011-108	M20	36	19	7.0	10.0	42	# 50



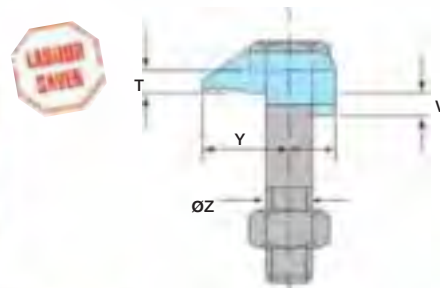
### • Medium Tail Length (V)

ORDER CODE	BOLT SIZE (Z)	Y	X	TAIL LENGTH (V)	T	WIDTH	QTY
S011-204	M8	16	8	4.0	4.0	20	# 100
S011-205	M10	20	11	5.0	5.0	26	# 100
S011-206	M12	26	13	6.0	6.0	29	# 100
S011-207	M16	30	16	8.0	8.0	35	# 50
S011-208	M20	36	19	10.0	10.0	42	# 50



### • Long Tail Length (V)

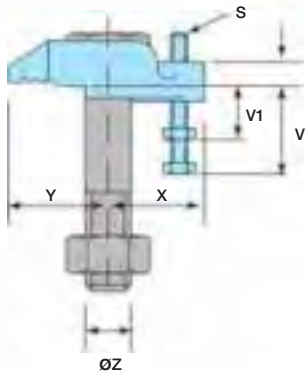
ORDER CODE	BOLT SIZE (Z)	Y	X	TAIL LENGTH (V)	T	WIDTH	QTY
S011-305	M10	20	11	7.0	5.0	26	# 100
S011-306	M12	26	13	9.5	6.0	29	# 50
S011-307	M16	30	16	11.0	8.0	35	# 50
S011-308	M20	36	19	12.5	10.0	42	# 20



All items marked # are stocked. All other items available to order.





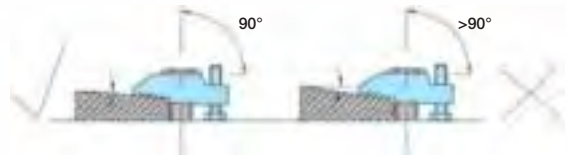


### • Lindapter Type D2

The setscrew tail of type D2 accommodates various flange thicknesses without the use of Packings. Otherwise, it is used in the same way as a type A. It is suitable for both parallel and sloping flanges up to 5 degrees.

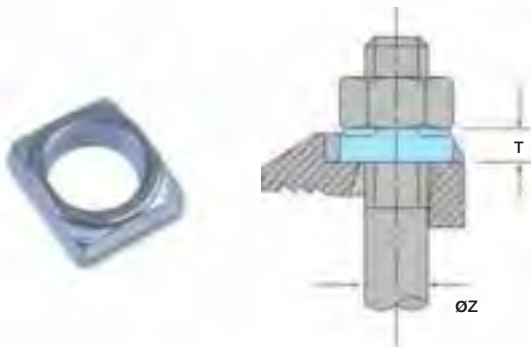
ORDER CODE	BOLT SIZE (Z)	Y	X	V	V1	S	T	WIDTH	MIN. FLANGE THICKNESS	QTY
S061-105	M10	20	20	20	10	M6	5	26	5	# 100
S061-106	M12	26	22	20	10	M6	6	29	5	# 100
S061-107	M16	30	30	20	13	M8	8	35	6.5	# 50
S061-108	M20	36	35	24	17	M10	10	42	8.5	# 25
S061-192	M24	48	49	30	19	M12	12	54	10	# 10

*\*On thin flanges it is necessary to invert the tail adjustment setscrew.*



### • Type W

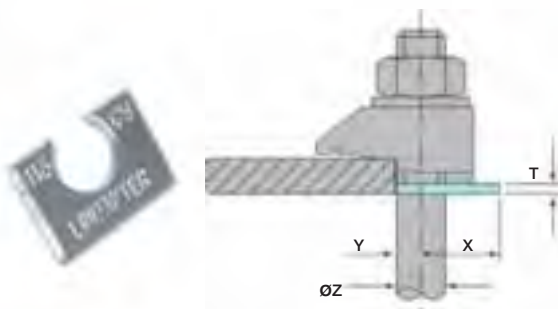
The type W Deep Washer converts the recess of types A/D2 into a flat top to allow the bolt head to be tightened. It is needed where two recessed Lindapters are used on one bolt.



ORDER CODE	SIZE REF	Y	SIZE	QTY
S141-104	M8	4	15 x 13	# 100
S141-105	M10	5.5	18 x 14	# 100
S141-106	M12	6.5	22 x 19	# 100
S141-107	M16	8.0	27 x 24	# 100
S141-108	M20	9.5	32 x 30	# 50

### • Type CW

The type CW Clipped Washer is used with steelwork fixings to adjust the assembly to meet different flange thicknesses. It is the thinnest packing piece and can be used with type A.



ORDER CODE	BOLT SIZE (Z)	Y	X	T	SIZE	QTY
S151-104	M8	4	9.5	2	19	# 100
S151-105	M10	5	14	2	25	# 250
S151-106	M12	6	19.5	2.5	31	# 250
S151-107	M16	8	17.5	3	38	# 250
S151-108	M20	10	22	4	44	# 100



**For correct Lindapter selection  
see chart on the opposite page**

### Types P1 and P2 Short Packings

Types P1 and P2 are deeper packing pieces (P2 offering the greater depth) to offer adjustment to thicker flanges.

#### • P1 Short

ORDER CODE	BOLT SIZE (Z)	Y	XS	T	WIDTH	QTY
S161-104	M8	4	10	4	21	#100
S161-105	M10	5	13	5	24	#250
S161-106	M12	6	16	6	30	#200

ORDER CODE	BOLT SIZE (Z)	Y	XS	T	WIDTH	QTY
S161-107	M16	8	21	8	35	#100
S161-108	M20	10	23	10	43	#100

#### • P1 Long

ORDER CODE	BOLT SIZE (Z)	Y	XS	T	WIDTH	QTY
S161-204	M8	4	20	4	21	#100
S161-205	M10	5	24	5	24	#100
S161-206	M12	6	32	6	30	#100

ORDER CODE	BOLT SIZE (Z)	Y	XS	T	WIDTH	QTY
S161-207	M16	8	40	8	35	#100
S161-208	M20	10	47	10	43	#50

#### • P2 Short

ORDER CODE	BOLT SIZE (Z)	Y	XS	T	WIDTH	QTY
S171-104	M8	4	10	8	21	#250
S171-105	M10	5	13	10	24	#100
S171-106	M12	6	16	12	30	#200

ORDER CODE	BOLT SIZE (Z)	Y	XS	T	WIDTH	QTY
S171-107	M16	8	21	16	35	#100
S171-108	M20	10	23	20	43	#50

#### • P2 Long

ORDER CODE	BOLT SIZE (Z)	Y	XS	T	WIDTH	QTY
S171-204	M8	4	20	8	21	#100
S171-205	M10	5	24	10	24	#100
S171-206	M12	6	32	12	30	#100

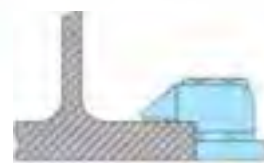
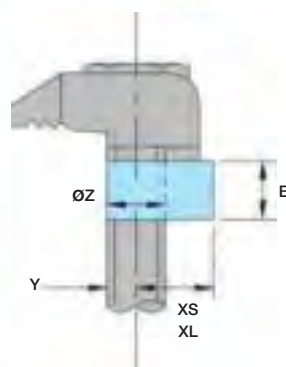
ORDER CODE	BOLT SIZE (Z)	Y	XS	T	WIDTH	QTY
S171-207	M16	8	40	16	35	#50
S171-208	M20	10	47	20	43	#25

### • Tail Length/Packing Combinations

For beams up to and including 5° slope. Use the chart below to arrive at the Lindapter combinations you require.

LINDAPTER SIZE	M10		M12		M16		M20	
FLANGE THICKNESS	A	D2	A	D2	A	D2	A	D2
5mm	M	▲	S	▲	S	X	X	X
6mm	S+CW	▲	M	▲	S	X	S	X
7mm	L	▲	S+CW	▲	S	▲	S	X
8mm	S+2CW	▲	M+CW	▲	M	▲	S	X
9mm	S+P1S	▲	M+CW	▲	S+CW	▲	M	▲
10mm	M+P1S	●	L	●	S+CW	▲	M	▲
11mm	L+2CW	●	L+2CW	●	L	▲	S+CW	▲
12mm	L+P1S	●	L+CW	●	S+2CW	▲	L	▲
13mm	L+3CW	●	S+CW+P1S	●	S+2CW	●	L	▲
14mm	S+P2S	●	L+2CW	●	L+CW	●	M+CW	▲
15mm	M+P2S	●	L+2CW	●	S+3CW	●	S+2CW	▲
16mm	S+CW+P2S	●	L+P1S	●	M+P1S	●	L+CW	▲
17mm	L+P2S	●	M+2CW+P1S	●	L+2CW	●	S+P1S	●
18mm	S+2CW+P2S	●	M+P2S	●	L+2CW	●	M+2CW	●
19mm	S+P1S+P2S	●	S+CW+P2S	●	L+P1S	●	S+3CW	●
20mm	M+P1S+P2S	●	S+CW+P2S	●	L+3CW	●	M+P1S	●
21mm	L+2CW+P2S	+P1L	L+P2S	●	L+3CW	+P1L	S+CW+P1S	●
22mm	L+P1S+P2S	+P1L	L+P2S	●	L+CW+P1S	+P1L	M+3CW	●
23mm	L+P1S+P2S	+P1L	M+P1S+P2S	+P1L	L+CW+P1S	+P1L	L+P1S	●
24mm	S+2P2S	+P1L	M+P1S+P2S	+P1L	M+P2S	+P1L	M+CW+P1S	●
26mm	S+CW+2P2S	+P2L	L+2CW+P2S	+P1L	L+2CW+P1S	+P1L	S+2CW+P1S	+P1L
28mm	L+2P2S+P2S	+P2L	L+P1S	+P1L	S+2CW+P2S	+P1L	M+2CW+P1S	+P1L
30mm	M+P1S+2P2S	+P2L	M+2P2S	+P2L	L+CW+P2S	+P2L	M+P2S	+P1L

All items marked # are stocked. All other items available to order.



PARALLEL FLANGE  
16mm thick at edge. Slight gap under nose, full contact at skirt.

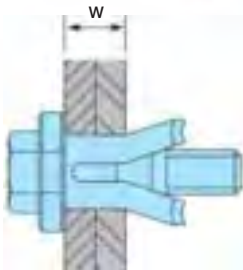


TAPER FLANGE  
16mm thick at edge. Full contact at nose and skirt.

S = Short  
M = Medium  
L = Long  
● = Recommended Type  
X = Type not applicable  
▲ = Can be used with setscrew inverted.

### Type HB Hollo-Bolt

The Hollo-Bolt is ideal for connecting to hollow section steelwork. Its simple installation procedure can offer tremendous savings over other methods whilst offering an aesthetically pleasing finish. The Hollo-Bolt also offers high load bearing capabilities.



#### • HB - Standard

ORDER CODE	SIZE REF	SETScrew LENGTH mm	FIXING THICKNESS (W) min-max	ACROSS FLAT MAIN BODY mm		QTY
S201-104	HB08-1	M8	50	3 - 22	19	15 # 100
S201-105	HB010-1	M10	55	3 - 22	24	19 # 50
S201-106	HB012-1	M12	60	3 - 25	30	21 # 50
S201-107	HB016-1	M16	70	8 - 29	36	28 25
S201-108	HB020-1	M20	90	8 - 34	46	35 10

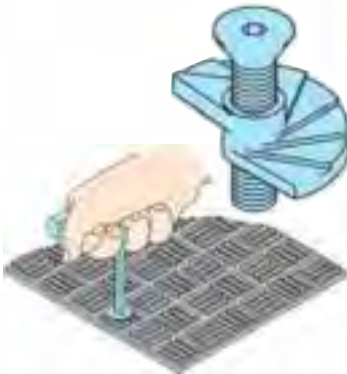
#### • HBSS - Stainless Steel

ORDER CODE	SIZE REF	SETScrew LENGTH mm	FIXING THICKNESS (W) min-max	ACROSS FLAT MAIN BODY mm		QTY
S201-204	HB0855	M8	50	3 - 22	19	15 50
S201-205	HB1055	M10	55	3 - 22	24	19 25
S201-206	HB1255	M12	60	3 - 25	30	21 25
S201-207	HB1655	M16	70	8 - 29	36	28 10
S201-208	HB2055	M20	90	8 - 34	46	35 10



### • Type FF Floor-Fast

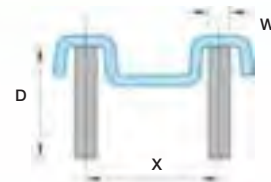
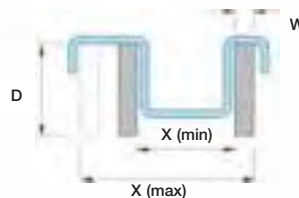
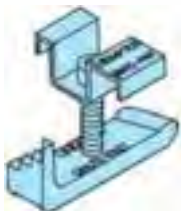
The Floor-Fast secures steel floorplates from above, using only a tee-handled hexagon key. No site drilling or welding is needed.



ORDER CODE	SCREW SIZE	TO SUIT FLOORPLATE	TO SUIT FLANGE THICKNESS mm	HEX KEY SIZE (A/F, mm)	TIGHTENING TORQUE (Nm)	QTY
S221-104	M8	3-12	3-15	5	11	100
S221-105	M10	5-12	3-15	6	22	100
S221-106	M12	6-12	3-15	8	22	100

### • Type GF Grate-Fast

Grate-Fast secures open grate flooring using a tee-handled hexagon key, without the need for site drilling or welding.



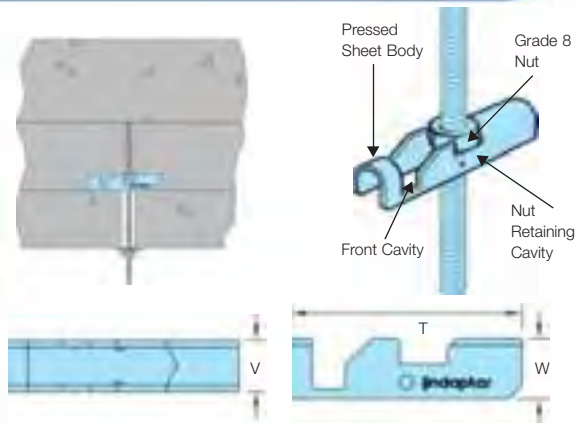


### • Type TC Toggle Clamp

The Lindapter Toggle Clamp suspends building services from hollow concrete flooring, hollow section steel, steel sheeting or purlins.

For further Decking Information see page 136.

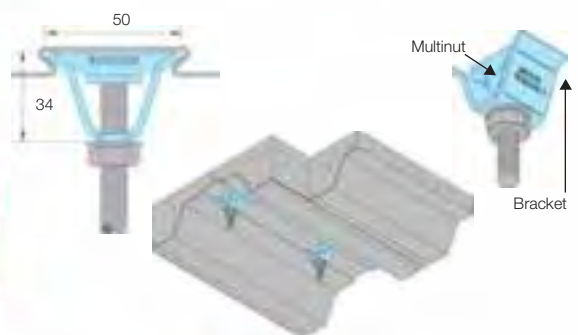
ORDER CODE	DROP ROD	T	V	W		QTY
S251-104	M8	68	13	16.5	22	100
S251-105	M10	68	15	17.5	25	# 100



### • Type MW2 Multiwedge Decking Fixing

The MW2 suspends building services from Ward Building Component's Multideck 60 composite steel/concrete floor decking. It locks into the re-entrant channel without shot-firing, or indeed specialised labour or equipment.

ORDER CODE	SIZE REF		QTY
S301-103	MW6	M6	# 50
S301-104	MW8	M8	# 50
S301-105	MW10	M10	# 50



### • Lindapter TR60 Wedge

The Lindapter TR60 Wedge has been developed for specific use with the SMD TR60 decking profile. The TR60 locks into the re-entrant channel without shot firing or specialist equipment. Available to accommodate M6 or M8 or M10 drop rods.

ORDER CODE	SIZE REF		QTY
S311-103	TRW06	M6	50
S311-104	TRW08	M8	50
S311-105	TRW10	M10	50



### • The Lindapter Slimdek Fixing

The Lindapter Slimdek Fixing suits the British Steel Slimdek system, enabling suspension of services directly from the underside of SD225 composite floor decking. Installation can be carried out without the need for specialist labour or equipment. Designed for use with the Lindapter V nut which is available to order in M6, M8 or M10 or an M12 Hex nut.

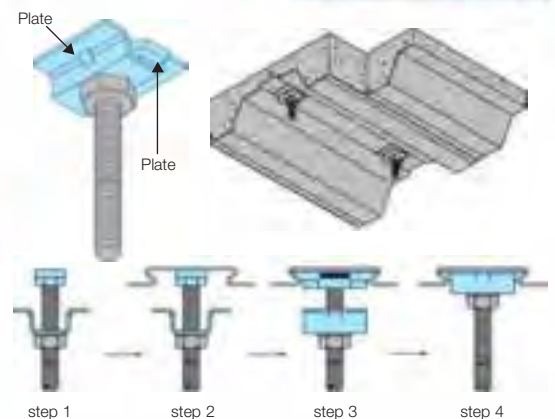
ORDER CODE	SIZE REF	QTY
S321-100	Slimdek Fixing	25



### • Type AW AlphaWedge Decking Fixing

The Alpha Wedge locks into the re-entrant channel of Alphaslok or Ribdeck AL decking to enable the suspension of all types of building services.

ORDER CODE	SIZE REF		QTY
S331-103	AW6	M6	50
S331-104	AW8	M8	50
S331-105	AW10	M10	50





S501-105



S501-305



S501-405



S501-505



S501-705



S501-805



S501-810



### Erico Caddy

#### Introduction

With the ever increasing complexity of services required in today's industrial and commercial buildings, installation can be an expensive and time consuming operation. Where electrical and mechanical services need to be routed through roof and wall spaces the Erico Caddy Range provides a quick, economical and reliable method of fixing without drilling or bracket making. In most cases the only tools required are a hammer, screwdriver or pliers. Erico Caddy simply clip onto the building structure and are then tapped firmly into place. The whole operation takes a few seconds. Installation time is dramatically reduced. A saving of up to 60% can be achieved on a complete installation.

Listed here are the popular items which we hold in stock. A much wider range of fixings are shown in the main Erico Caddy catalogue which is available to order. Please ask for further details or a copy of the Erico Caddy catalogue.


#### Protection Against Corrosion

Erico Caddy spring steel fasteners are mechanically zinc plated. Each clip is subjected to a process of Mechanical Galvanising, which deposits a layer of zinc followed by a passivation process that organically creates a protective layer in the zinc.

#### Load Ratings



The load rating of Erico Caddy fasteners is expressed as maximum static load limit. This is the stationary vertical load limit for a fixing product and incorporates a significant safety factor. Where fasteners are combined, the load rating is determined by the lowest rated fastener. If the load rating of the steelwork is less than that of the fastener, this becomes the maximum static load rating for the system. For further information please contact our sales office.

### Flange Fixings


ORDER CODE	SIZE REF		SWL	QTY
S501-105	2H4	2 - 3	70	100
S501-110	4H24	3 - 8	90	100
S501-115	4H58	8 - 14	90	100
S501-120	4H912	14 - 20	90	100

ORDER CODE	SIZE REF		SWL	QTY
S501-305	J1	1.5 - 4	70	100
S501-310	J2	4 - 6.5	70	100

ORDER CODE	SIZE REF	SWL	QTY
S501-405	PW2	70	100

ORDER CODE	SIZE REF			SWL	QTY
S501-505	EM24	3 - 8	M6	45	100
S501-510	EM58	8 - 14	M6	45	100
S501-515	EM912	14 - 20	M6	45	100

ORDER CODE	SIZE REF			SWL	QTY
S501-705	EBC	0 - 16	M6 or 10.5	45	100

ORDER CODE	SIZE REF		SWL	QTY
S501-805	122 Vertical	0 - 2.8	45	100
S501-810	123 Horizontal	0 - 2.8	45	100




### • Rod Fixings



ORDER CODE	SIZE REF			SWL	QTY
S521-105	HB2	0 - 24	M10	see cat.	50



Universal Purlin Clamp for the suspension of mechanical and electrical services with threaded rods from purlin section.


- Heavy load applications: 300kg (ultimate).
- Compatible with all known purlin sections.
- Threaded rod remains straight, no necessity to bend threaded rod.
- Patented design ensures that the applied load is located adjacent to the purlin vertical axis, creating no visible purlin deflection.


ORDER CODE	SIZE REF		SWL	QTY
S521-205	UPC	M10	see cat.	50

ORDER CODE	SIZE REF		SWL	QTY
S521-230	T10	11	70	100
S521-235	M6Ti	M6	70	100
S521-240	M8Ti	M8	70	100
S521-245	M10Ti	M10	70	100

ORDER CODE	SIZE REF			SWL	QTY
S521-305	T1024	3 - 8	11	90	100
S521-310	T1058	8 - 14	11	90	100
S521-315	M6Ti24	3 - 8	M6	90	100
S521-320	M6Ti58	8 - 14	M6	90	100
S521-325	M10Ti24	3 - 8	M10	90	100
S521-330	M10Ti58	8 - 14	M10	90	100

ORDER CODE	SIZE REF			SWL	QTY
S521-405	M6TiJ1	1.5 - 4	M6	70	100
S521-410	M8TiJ1	1.5 - 4	M8	70	100
S521-415	M10TiJ	1 1.5 - 4	M10	70	100
S521-420	T10J1	1.5 - 4	11	70	100
S521-425	M6TiJ2	4 - 6.5	M6	70	100
S521-430	M8TiJ2	4 - 6.5	M8	70	100
S521-435	M10TiJ2	4 - 6.5	M10	70	100

ORDER CODE	SIZE REF		SWL	QTY
S521-455	PW2M6Ti IN	M6	70	100
S521-460	PW2M8Ti IN	M8	70	100
S521-465	PW2M10Ti IN	M10	70	100

ORDER CODE	SIZE REF		SWL	QTY
S521-505	M6MAM6	6	90	100
S521-510	M10MAM10	10	90	100



**For Purlin Clips and Beam Clamps see page 135**








### • Erico Caddy Rod Fixings

The VKR Clip is designed for suspending threaded rod from profiled roof sheeting. Inserted into 7mm diameter pre-drilled hole.


ORDER CODE	SIZE REF			SWL	QTY
S521-530	M6VKR	0.8 - 3	M6	45	100
S521-535	M8VKR	0.8 - 3	M8	45	100
S521-540	M10VKR	0.8 - 3	M10	45	100

ORDER CODE	SIZE REF			SWL	QTY
S521-605	M6MAJ1	1.5 - 4	M6	60	100
S521-610	M8MAJ1	1.5 - 4	M8	70	100
S521-615	M10MAJ1	1.5 - 4	M10	70	100

ORDER CODE	SIZE REF			SWL	QTY
S521-705	4H24i	3 - 8	M6	15	100
S521-710	4H58i	8 - 14	M6	15	100



ORDER CODE	SIZE REF		'D' DIA	QTY
S521-805	4Z34	M4 - M8	6.5	100
S521-810	6Z34	M8 - M12	6.5	100

### • Conduit Fixings

ORDER CODE	SIZE REF		QTY
S531-105	812M	18 - 30	100




See Erico catalogue for further sizes.

ORDER CODE	SIZE REF			SWL	QTY
S531-305	K12	4 - 6.5	19 - 25	22	100
S531-310	K16	4 - 6.5	25 - 32	22	100



ORDER CODE	SIZE REF			SWL	QTY
S531-505	812M24SM	3 - 8	18 - 30	12	100
S531-510	812M58SM	8 - 14	18 - 30	12	100
S531-515	812M912SM	14 - 20	18 - 30	12	100

ORDER CODE	SIZE REF			SWL	QTY
S531-705	EBC812MSM	1 - 16	18 - 30	11	100

### • Cable Fixings

ORDER CODE	SIZE REF			
S541-105	24SC67	1 - 4	6 - 7	100
S541-110	24SC78	1 - 4	7 - 8	100
S541-115	24SC89	1 - 4	8 - 9	100
S541-120	24SC910	1 - 4	9 - 10	100
S541-125	24SC1011	1 - 4	10 - 11	100
S541-130	24SC1214	1 - 4	12 - 14	100
S541-135	24SC1518	1 - 4	15 - 18	100
S541-140	24SC1924	1 - 4	19 - 24	100
S541-145	24SC2530	1 - 4	25 - 32	100
S541-205	47SC67	4 - 7	6 - 7	100
S541-210	47SC78	4 - 7	7 - 8	100
S541-215	47SC89	4 - 7	8 - 9	100
S541-220	47SC910	4 - 7	9 - 10	100
S541-225	47SC1011	4 - 7	10 - 11	100
S541-230	47SC1214	4 - 7	12 - 14	100
S541-235	47SC1518	4 - 7	15 - 18	100
S541-240	47SC1924	4 - 7	19 - 24	100
S541-245	47SC2530	4 - 7	25 - 32	100
S541-305	812SC67	8 - 12	6 - 7	100
S541-310	812SC78	8 - 12	7 - 8	100
S541-315	812SC89	8 - 12	8 - 9	100
S541-320	812SC910	8 - 12	9 - 10	100
S541-325	812SC1011	8 - 12	10 - 11	100
S541-330	812SC1214	8 - 12	12 - 14	100
S541-335	812SC1518	8 - 12	15 - 18	100
S541-340	812SC1924	8 - 12	19 - 24	100
S541-345	812SC2530	8 - 12	25 - 32	100


Erico Caddy HSC Snap Clips for attaching conduits, tubes and cables to roof decking, metallic sheets etc. Can be inserted into a 7mm pre-drilled hole or clipped directly onto some Erico Caddy suspension clips. Eg GTD WDC etc.

ORDER CODE	SIZE REF		
S541-405	HSC67	6 - 7	100
S541-410	HSC78	7 - 8	100
S541-415	HSC89	8 - 9	100
S541-420	HSC910	9 - 10	100
S541-425	HSC1011	10 - 11	100
S541-430	HSC1214	12 - 14	100
S541-435	HSC1518	15 - 18	100
S541-440	HSC1924	19 - 24	100
S541-445	HSC2530	25 - 32	100



### Adaptor for 24SC Range

ORDER CODE	SIZE REF		
S541-505	SCA	13 - 20	100

### Dual Adaptor for 24SC Range

ORDER CODE	SIZE REF		
S541-550	SCB312	3 - 12	100
S541-555	SCB1220	12 - 20	100

ORDER CODE	SIZE REF			
S541-605	LR1	3 - 6	8 - 15	36
S541-610	LR2	6 - 12	8 - 15	36

ORDER CODE	SIZE REF		
S541-705	LB3B	12 - 20	100



S541-105



S541-405



S54-505



S541-550



S541-605



S541-705





### • Suspended Ceiling Fixing Clips

ORDER CODE	SIZE REF	+W+	+	SWL	QTY
S561-105	4J15M	15	M6 x 16	22	100



ORDER CODE	SIZE REF	+	SWL	QTY
S561-205	6WN	6	45	100



ORDER CODE	SIZE REF	+W+	+	SWL	QTY
S561-305	4G24WN	24 - 26	M6 x 16	22	100



ORDER CODE	SIZE REF	SWL	QTY
S561-405	AB	70	100



ORDER CODE	SIZE REF	QTY
S561-505	ATS41 Vertical	100
S561-510	ATA41 Horizontal	100



### • Adjustable Stud Wall Fixing Bracket

This new product is a real time saving device when mounting electrical back boxes, conduits, pipes etc. within metal stud walls. The bracket is adjusted to the correct length and fixed between two studs giving you a support within the wall to fix your services onto.

ORDER CODE	SIZE REF	SWL	QTY
S561-600	TSGB16	280-458mm	25
S561-610	TSGB24	432-660mm	25



### • Decking Clips

The GTD clip is a spring locking clip which suits a wide range of decking systems. Simply push in, turn 90° and lock in with threaded rod. Can be used in conjunction with HSC and SC clips as on page 145.

ORDER CODE	SIZE REF		+W+	SWL	QTY
S571-105	M8GTD12-17	M8	12 - 17	90	100
S571-110	M10GTD12-17	M10	12 - 17	90	100
S571-115	10GTD12-17	10.5	12 - 17	90	100
S571-120	M8GTD17-22	M8	17 - 22	90	100
S571-125	M10GTD17-22	M10	17 - 22	90	100
S571-130	10GTD17-22	10.5	17 - 22	90	100

The WDC Clip is used for suspending services from shallow metal decking sections with threaded rod. Can be used for threaded rod sizes M6, M8 and M10 and also with HSC and SC Clips as on page 145.

ORDER CODE	SIZE REF		+W+	SWL	QTY
S571-205	WDC	10.5	43 - 45	90	100

The SCD Clip is used for securing conduits, tubes or cables to metal decking sections. Can be used in combination with SC Snap Clips as on page 145.

ORDER CODE	SIZE REF		+W+	SWL	QTY
S571-305	SCD1217	12 - 17			100
S571-310	SCD1722	17 - 22			100

### • Tray & Channel Accessories

The CTS Clip is designed for suspending small cable trays directly from threaded rods. Ideal for adding to existing installations. Dramatically reduces installation time.

ORDER CODE	SIZE REF		+W+	SWL	QTY
S581-105	4Z34CTS	M4 - M8	68	11	50
S581-110	6Z34CTS	M8 - M12	68	11	50

The Caddy Slick Nut takes the place of a spring nut and plate washer on channel systems. The Slick Nut is suitable for channel profiles 41 x 21mm and 41 x 41mm. Slick Nut is fast, adjustable and easy to mount "one handed".

ORDER CODE	SIZE REF		SWL	QTY
S581-205	SLICK M6	M6	125	100
S581-210	SLICK M8	M8	150	100
S581-215	SLICK M10	M10	150	100

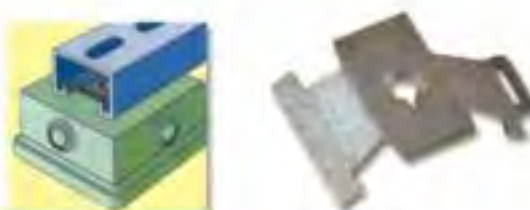
MFA M6 Clip for M6 threaded rod or bolt directly to strut profiles. Compatible with 41 x 21mm and 41 x 41mm channel profiles.

ORDER CODE	SIZE REF		SWL	QTY
S581-305	MFA M6	M6	45	100



**For Wedge Nuts see page 135**

**See page 136 for Decking Suitability Chart**





### • ISN Nut

The nut with no need for a spanner. Wide range of applications on new or completed installations. Significant time savings can be achieved along with precise height adjustment.

ORDER CODE	SIZE REF	SWL	QTY
S581-405	ISN M6	75	50
S581-410	ISN M8	100	50
S581-415	ISN M10	100	50



### • Cable Tie Mounts

These cable tie mounts can be mounted to many Erico Caddy clips to enable rapid clipping of bundles of cables.

ORDER CODE	SIZE REF	QTY
S581-505	CT	100



### • Captive Nut

ORDER CODE	SIZE REF				
S581-605	T4	3.2	M6	40	100

### • Fluorescent Fitting Hanger

ORDER CODE	SIZE REF	QTY
S581-705	DFFI	25



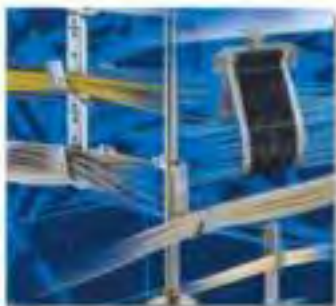
### • Erico Caddy SPEED-LINK™

SPEED-LINK is a unique hanging support system from Erico Caddy which is simple and efficient to use and works with a variety of Caddy fasteners. Position of installation can be easily adjusted using any small screwdriver or the SPEED-LINK quick release tool included.

ORDER CODE	SIZE REF	DESCRIPTION	SWL	QTY
S591-102	1.5mmx2m	Speed Link™ Light Duty System	20kg	100
S591-103	1.5mmx3m	Speed Link™ Light Duty System	20kg	100
S591-105	1.5mmx5m	Speed Link™ Light Duty System	20kg	100
S591-110	1.5mmx10m	Speed Link™ Light Duty System	20kg	100
S591-201	2mmx1m	Speed Link™ Universal Support System	45kg	100
S591-202	2mmx2m	Speed Link™ Universal Support System	45kg	100
S591-203	2mmx3m	Speed Link™ Universal Support System	45kg	100
S591-205	2mmx5m	Speed Link™ Universal Support System	45kg	50
S591-210	2mmx10m	Speed Link™ Universal Support System	45kg	25
S591-301	3mmx1m	Speed Link™ Universal Support System	90kg	100
S591-302	3mmx2m	Speed Link™ Universal Support System	90kg	100
S591-303	3mmx3m	Speed Link™ Universal Support System	90kg	50
S591-305	3mmx5m	Speed Link™ Universal Support System	90kg	50
S591-310	3mmx10m	Speed Link™ Universal Support System	90kg	25

### • Erico Cable Cat

The Erico Cable Cat System has been designed to provide the correct fixings for the suspension of data cabling. The complete range is available to order through Fixfirm, please enquire for a separate brochure.





## Channel Support Systems

This channel support system range has developed over many years to cover a wide variety of support applications in the electrical, mechanical, ventilation and construction industries. Typical applications include cable support, pipework brackets, suspended ceiling sub grids, operating theatre support framework, racking systems and numerous other projects.

This range is ideal for use in conjunction with our range of industrial pipe clips on pages 125 and cable tray on pages 155-158.

Channels are made from pre-galvanised steel to tolerances in accord with BS2994 1976 and brackets are Hot Dip Galvanised to BS729.

All channels in this section are 41mm wide.

### • Plain Channel

ORDER CODE	SIZE REF	DESCRIPTION	Length
T011-213	41 x 21	Light Plain	3m
T011-223	41 x 21	Heavy Plain	3m
T011-226	41 x 21	Heavy Plain	6m
T011-423	41 x 41	Heavy Plain	3m
T011-426	41 x 41	Heavy Plain	6m

### • Slotted Channel

ORDER CODE	SIZE REF	DESCRIPTION	Length
T021-213	41 x 21	Light Slotted	3m
T021-216	41 x 21	Light Slotted	6m
T021-223	41 x 21	Heavy Slotted	3m
T021-226	41 x 21	Heavy Slotted	6m
T021-413	41 x 41	Light Slotted	3m
T021-423	41 x 41	Heavy Slotted	3m
T021-426	41 x 41	Heavy Slotted	6m

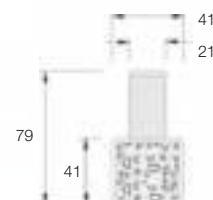
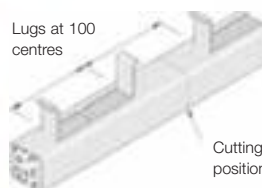
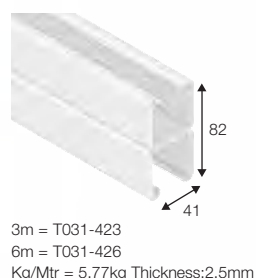
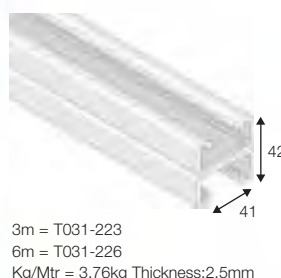
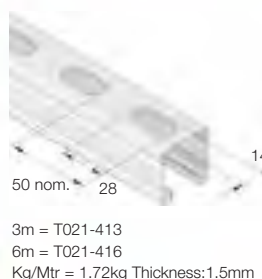
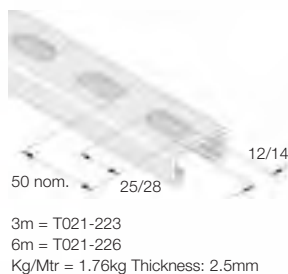
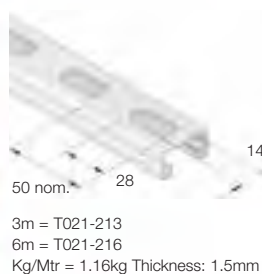
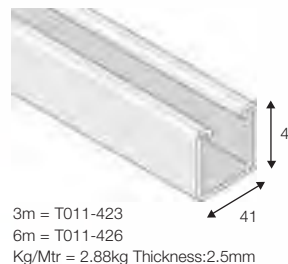
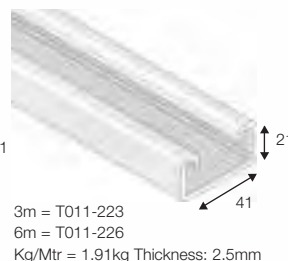
### • Back To Back Channel

ORDER CODE	SIZE REF	DESCRIPTION	Length
T031-223	41 x 41	Heavy Slotted B/B	3m
T031-226	41 x 41	Heavy Slotted B/B	6m
T031-423	41 x 82	Heavy Slotted B/B	3m
T031-426	41 x 82	Heavy Slotted B/B	6m



### • Concrete Insert Channels

ORDER CODE	SIZE REF	DESCRIPTION	Length
T041-423	P3270	41mm Heavy	3m
T041-426	P3270	41mm Heavy	6m







**See also  
Slick Nuts  
page 147**

### • Pre-Cut Slotted Channel

These pre-cut lengths of slotted channel are ideal for creating trapeze brackets to support pipeworks, table tray etc. Having these pre-cut off site can save time and money over against cutting channel to length on site.

ORDER CODE	SIZE REF	CHANNEL TYPE	QTY
T051-460	150mm	41 x 41 x 2.5mm Slotted	10
T051-470	200mm	41 x 41 x 2.5mm Slotted	10
T051-475	250mm	41 x 41 x 2.5mm Slotted	10
T051-480	300mm	41 x 41 x 2.5mm Slotted	10
T051-483	450mm	41 x 41 x 2.5mm Slotted	10
T051-485	600mm	41 x 41 x 2.5mm Slotted	10
T051-486	750mm	41 x 41 x 2.5mm Slotted	10

### • Channel Socket

This socket has been designed specifically to fit through the openings of channel to allow M10 bolts or nuts to be tightened. Ideal for use when fastening back channel to walls or ceilings etc.

ORDER CODE	SIZE REF	QTY
T101-001	CS17 17mm AF 1/2" Sq Drive Socket	1

### Channel Nuts

Channel Nuts are vital to the channel support system. They are inserted through the open side of the channel then rotated through 90° where their toothed grooves fit against the return flange of the channel. The sprung versions will hold themselves in position as opposed to the plain channel nuts are pre-mounted on any bolt prior to insertion. **The suffix of the codes refers to the metric thread size.**

### • Plain Channel Nuts

ORDER CODE	SIZE REF	+	QTY
T101-006	PCN6	M6	100
T101-008	PCN8	M8	100
T101-010	PCN10	M10	100
T101-012	PCN12	M12	100

### • Short Spring Channel Nuts

ORDER CODE	SIZE REF	+	QTY
T101-206	SCN6	M6	100
T101-208	SCN8	M8	100
T101-210	SCN10	M10	100
T101-212	SCN12	M12	100

### • Long Spring Channel Nuts

ORDER CODE	SIZE REF	+	QTY
T101-406	LCN6	M6	100
T101-408	LCN8	M8	100
T101-410	LCN10	M10	100
T101-412	LCN12	M12	100

### • Quick Channel Nuts

These handy Quick Channel Nuts twist directly into the channel with one hand in a simple operation. The QCN takes the place of both the spring nut and the plate washer.

ORDER CODE	SIZE REF	+	QTY
T102-008	QCNM8	M8	50
T102-010	QCNM10	M10	50

## • Flat Plates

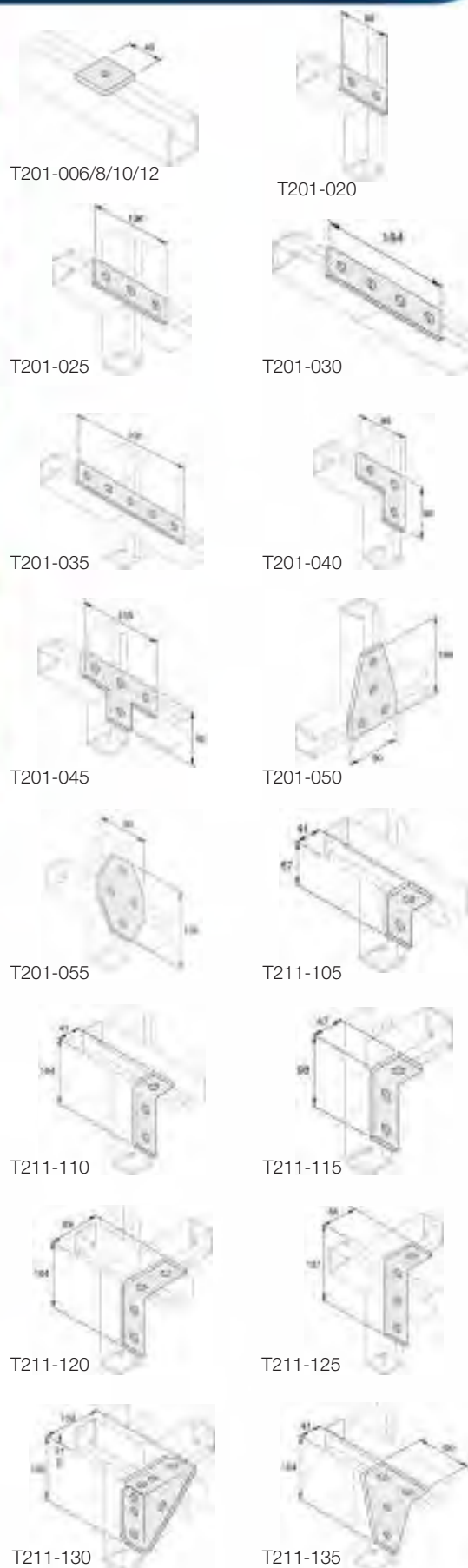
ORDER CODE	DESCRIPTION	QTY
T201-006	M6 Channel Washer	100
T201-008	M8 Channel Washer	100
T201-010	M10 Channel Washer	100
T201-012	M12 Channel Washer	100
T201-020	2 Hole Flat Plate	100
T201-025	3 Hole Flat Plate	100
T201-030	4 Hole Flat Plate	50
T201-035	5 Hole Flat Plate	50
T201-040	3 Hole Flat L Bracket	50
T201-045	4 Hole Flat T Bracket	50
T201-050	4 Hole Flat Vee Plate	25
T201-055	4 Hole Flat Cross Plate	25

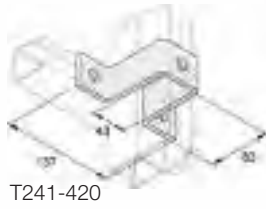
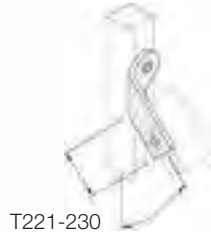
## • 90° Angle Brackets

ORDER CODE	DESCRIPTION	QTY
T211-105	2 Hole 90° Bracket	100
T211-110	3 Hole 90° Bracket	100
T211-115	3 Hole 90° Bracket	100
T211-120	4 Hole 90° Bracket	50
T211-125	4 Hole 90° Bracket	50
T211-130	Braced 90° L Bracket	10
T211-135	90° Vee Bracket	10



See also page 130 for Rapidrail Channel System





## • Angled Brackets

ORDER CODE	DESCRIPTION	QTY
T221-210	45° Obtuse Angle Bracket	100
T221-215	60° Obtuse Angle Bracket	100
T221-220	45° 4 Hole Bracket	100
T221-225	Oblique Angle Bracket	100
T221-230	Oblique Angle Bracket	100
T221-235	45° Acute Angle Bracket	100
T221-240	Hinged Angle Bracket	10 pairs

## • Z Shaped Brackets

ORDER CODE	DESCRIPTION	QTY
T231-305	2 Hole Z Bracket	50
T231-310	3 Hole Z Bracket	50
T231-315	3 Hole Z Bracket	50
T231-320 *	3 Hole 90° Z Bracket	50

\* Special order only.

## • U Shaped Brackets

ORDER CODE	DESCRIPTION	QTY
T241-405	3 Hole 21mm U Bracket	25
T241-410	5 Hole 41mm U Bracket	25
T241-415	6 Hole 41mm U Bracket	25
T241-420	3 Hole 83mm U Bracket	25
T241-425	8 Hole Wing Bracket	25
T241-430	4 Hole C Bracket	25



## • Splices

ORDER CODE	SIZE REF	DESCRIPTION	QTY
T301-002	21mm	Internal Splice	25
T301-004	41mm	Internal Splice	25
T301-014	41mm	External Splice	10



T301-002



T301-004



T301-014



T311-050

## • Floor Plates

ORDER CODE	SIZE REF	DESCRIPTION	QTY
T311-050	100 x 100	Floor Plate	10
T311-055	100 x 100	Floor Plate	10
T311-060	100 x 200	Floor Plate	10
T311-065	305 x 49	H/Duty Braced Floor Plate	1
T311-070	305 x 49	H/Duty Double Braced Floor Plate	1

\*As T311-065 but for 41mm double channel.



T311-055



T311-060



T311-065



T321-102

## • Beam Clamps

ORDER CODE	SIZE REF	DESCRIPTION	QTY
T321-102	21mm	Window Bracket c/w Conepoint	25
T321-104	41mm	Window Bracket c/w Conepoint	25
T321-112	21mm	Beam Clamp c/w U-bolt	25
T321-114	41mm	Beam Clamp c/w U-bolt	25
T321-120		Beam Clamp	1
T321-125		Beam Clamp c/w Conepoints	1
T321-130		Beam Clamp c/w Conepoints	1
T321-135		Beam Clamp c/w Conepoints	pair
T321-140		Beam Clamp c/w Conepoints	1



T321-104



T321-112



T321-114



T321-120



T321-125



T321-130



T321-135



T321-140



T411-type



T421-type

### • Cantilever Arms

Supplied standard as plain channel open face upward/downward and also available slotted or open face side to special order only.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
T411-150	150mm	41mm Cantilever Arm	1
T411-300	300mm	41mm Cantilever Arm	1
T411-450	450mm	41mm Cantilever Arm	1
T411-600	600mm	41mm Cantilever Arm	1
T411-750	750mm	41mm Cantilever Arm	1

### • Double Cantilever Arms

ORDER CODE	SIZE REF	DESCRIPTION	QTY
T421-450	450mm	Double Cantilever Arm	1
T421-600	600mm	Double Cantilever Arm	1
T421-750	750mm	Double Cantilever Arm	1



Cover Strip  
T461-005 - White  
T461-009 - Black  
T461-086 - Pre Galv



Fluorescent Adaptor  
(Brass Shank)  
T461-101

### • Channel Accessories

ORDER CODE	SIZE REF	DESCRIPTION	QTY
T461-005	CS/PVC/W	3m Cover Strip White	10
T461-009	CS/PVC/B	3m Cover Strip Black	10
T461-086	CS/GALV	3m Cover Strip Pre Galv	10
T461-101	M20	Fluorescent Adaptor	25
T461-103	P2750/1	Nylon Roller carriage	1
T461-105	P2749	Steel Roller carriage	1



PVC End Caps  
T461-409  
T461-405



Cone Point  
Screw T461-520

ORDER CODE	SIZE REF	DESCRIPTION	QTY
T461-205	PVC21W	21mm End Cap - White	100
T461-209	PVC21B	21mm End Cap - Black	100
T461-405	PVC41W	41mm End Cap - White	100
T461-409	PVC41B	41mm End Cap - Black	100
T461-520	M10 x 40	Cone Point Set Screw	100



T46-103



T46-105

# Electrical & Mechanical

## Light Duty Basket Tray

8

### Basket Tray

Our range of basket tray is designed for rapid installation and ease of use. The basket can be connected quickly without the use of clips or tools. It is supplied in standard dimensions of 54mm high and 3m long and is stocked in a pre-galv finish.

#### • Basket Tray Light Duty - 3m Length

ORDER CODE	SIZE REF	DESCRIPTION	QTY
T490-050	BT50-3	3m x 50mm Cable Basket	1
T490-100	BT100-3	3m x 100mm Cable Basket	1
T490-150	BT150-3	3m x 150mm Cable Basket	1
T490-200	BT200-3	3m x 200mm Cable Basket	1
T490-300	BT300-3	3m x 300mm Cable Basket	1
T490-400	BT400-3	3m x 400mm Cable Basket	1
T490-450	BT450-3	3m x 450mm Cable Basket	1
T490-500	BT500-3	3m x 500mm Cable Basket	1
T490-600	BT600-3	3m x 600mm Cable Basket	1

#### • Basket Tray Accessories

ORDER CODE	SIZE REF	DESCRIPTION	QTY
T495-005	BT-CC	Coupler Clips	100
T495-010	BT-CS	Coupler Splices	100
T495-015	BT-HB	Hold Down Bracket	50
T495-020	BT-EC	Earthing Clip	100
T495-025	BT-CO	Conduit Outlet Clip	100

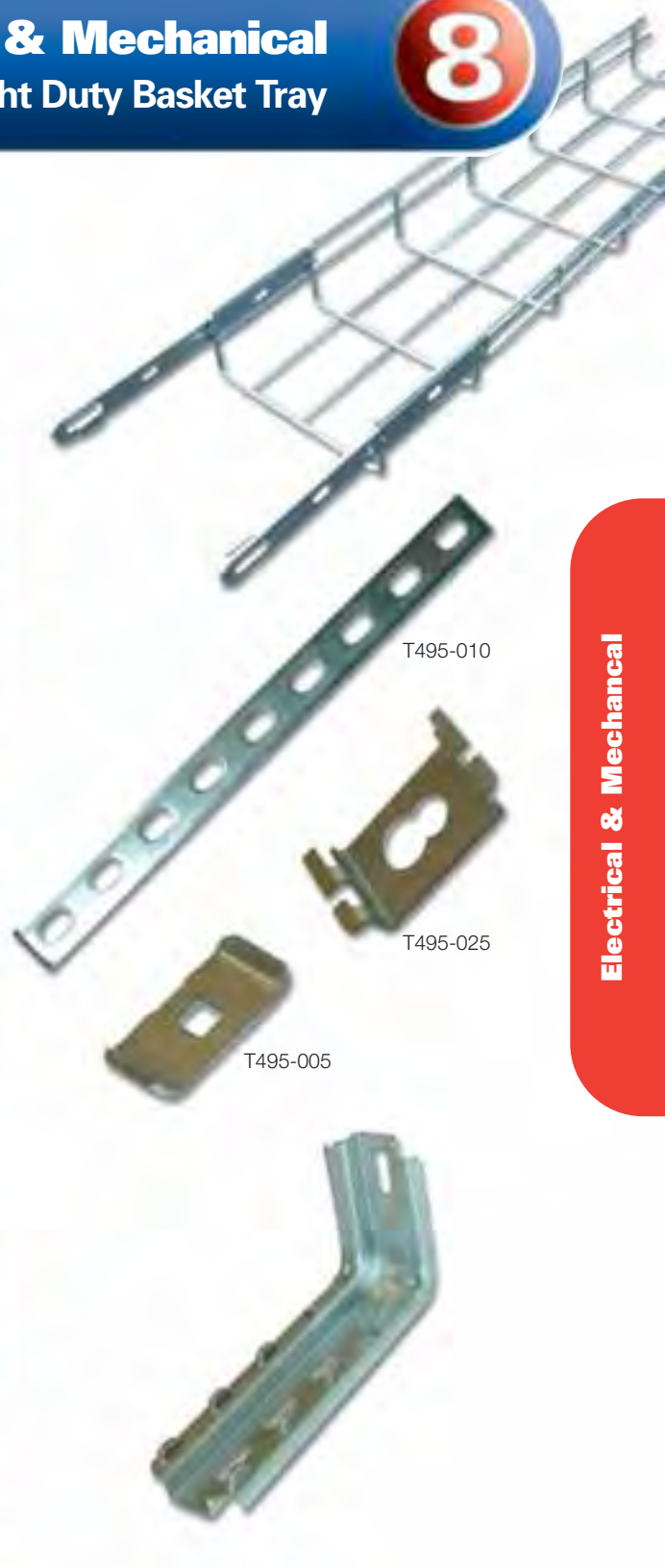
#### • Basket Tray Support Brackets

ORDER CODE	SIZE REF	DESCRIPTION	QTY
T496-100	BTB-100		1
T496-150	BTB-150		1
T496-225	BTB-225		1
T496-300	BTB-300		1

**For Overhead Hanging Arms see page 158**

**Erico Caddy Tray & Channel Accessories see page 147**

**Medium and heavy duty basket tray available to order please speak to our sales team for further details.**



Electrical & Mechanical

Next day delivery Nationwide

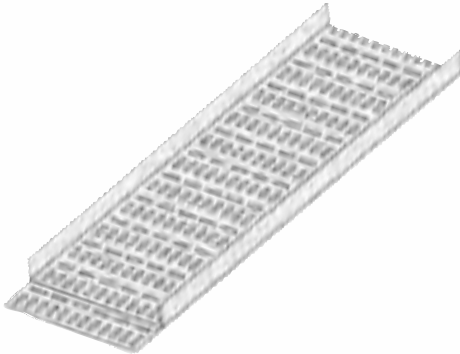
155



### • Light Duty Cable Tray

This light duty cable tray is ideal for many 'everyday' applications, combining low cost with simplicity. The ends of straight runs and fittings are splayed out eliminating the need for expensive couplers and reducing installation time and costs. All our stocked range is supplied in pre-galvanized steel.

*\*Cable Tray accessories may be supplied varying from designs illustrated.*



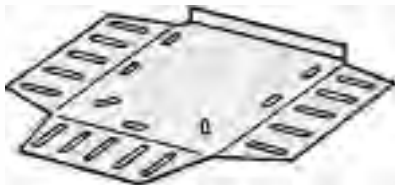
### • Light Duty Cable Tray - 3m lengths

ORDER CODE	SIZE REF	NOM WIDTH + GAUGE	3m
T501-050	CTL 50-3	50 x 1.0mm	3m
T501-075	CTL 75-3	75 x 1.0mm	3m
T501-100	CTL 100-3	100 x 1.0mm	3m
T501-150	CTL 150-3	150 x 1.0mm	3m
T501-225	CTL 225-3	225 x 1.5mm	3m



### • Flat Bend 90°

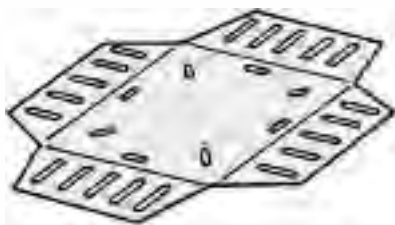
ORDER CODE	SIZE REF	TRAY WIDTH	QTY
T511-050	FBL 50	50mm	1
T511-075	FBL 75	75mm	1
T511-100	FBL 100	100mm	1
T511-150	FBL 150	150mm	1
T511-225	FBL 225	225mm	1



### • Equal Tee

ORDER CODE	SIZE REF	TRAY WIDTH	QTY
T521-050	ETL50	50mm	1
T521-075	ETL75	75mm	1
T521-100	ETL100	100mm	1
T521-150	ETL150	150mm	1
T521-225	ETL225	225mm	1

**For Flexible Risers see T651 on page 157**



### • 4 Way Crossover

ORDER CODE	SIZE REF	TRAY WIDTH	QTY
T531-050	4XL 50	50mm	1
T531-075	4XL 75	75mm	1
T531-100	4XL 100	100mm	1
T531-150	4XL 150	150mm	1
T531-225	4XL 225	225mm	1

**For couplers and stand off brackets see page 158**



### Medium Duty Cable Tray

This medium duty cable tray is designed to give better weight loading and has return flanges to give greater stability over longer spans.

All our stocked range is supplied in pre-galvanised steel.

The couplers for jointing are internal bar type giving high strength at the joints.

All the fittings incorporate couplers to reduce costs.

*\*Cable Tray accessories may be supplied varying from designs illustrated*

#### • Medium Duty Cable Tray - 3m lengths

ORDER CODE	SIZE REF	NOM WIDTH + GAUGE	L
T601-100	CTM 100-3	100 x 1.0mm	3m
T601-150	CTM 150-3	150 x 1.0mm	3m
T601-225	CTM 225-3	225 x 1.0mm	3m
T601-300	CTM 300-3	300 x 1.5mm	3m
T601-450	CTM 450-3	450 x 1.5mm	3m



#### • Flat Bend 90°

ORDER CODE	SIZE REF	TRAY WIDTH	QTY
T611-100	FBM 100	100mm	1
T611-150	FBM 150	150mm	1
T611-225	FBM 225	225mm	1
T611-300	FBM 300	300mm	1
T611-450	FBM 450	450mm	1



#### • Equal Tee

ORDER CODE	SIZE REF	TRAY WIDTH	QTY
T621-100	ETM 100	100mm	1
T621-150	ETM 150	150mm	1
T621-225	ETM 225	225mm	1
T621-300	ETM 300	300mm	1
T621-400	ETM 450	450mm	1



#### • 4 Way Crossover

ORDER CODE	SIZE REF	TRAY WIDTH	QTY
T631-100	4XM 100	100mm	1
T631-150	4XM 150	150mm	1
T631-225	4XM 225	225mm	1
T631-300	4XM 300	300mm	1
T631-450	4XM 450	450mm	1



#### • Flexible Riser

ORDER CODE	SIZE REF	DESCRIPTION	QTY
T651-100	FRM 100	Internal / External 0-90°	1
T651-150	FRM 150	Internal / External 0-90°	1
T651-225	FRM 225	Internal / External 0-90°	1
T651-300	FRM 300	Internal / External 0-90°	1
T651-450	FRM 450	Internal / External 0-90°	1



**A range of Heavy Duty Cable Tray, Cable Basket and Heavy Duty Ladder Rack is now available to order. Please enquire for more information and a competitive quotation.**



**See page 130 for  
Quickfix Bracket  
System**

### • Tray Couplers

ORDER CODE	SIZE REF	QTY
T691-001	CTM - BC Straight	1pr
T691-002	CTM - WR Wrapover	1pr

**See also pages 147 Erico Caddy Tray and Channel accessories.**

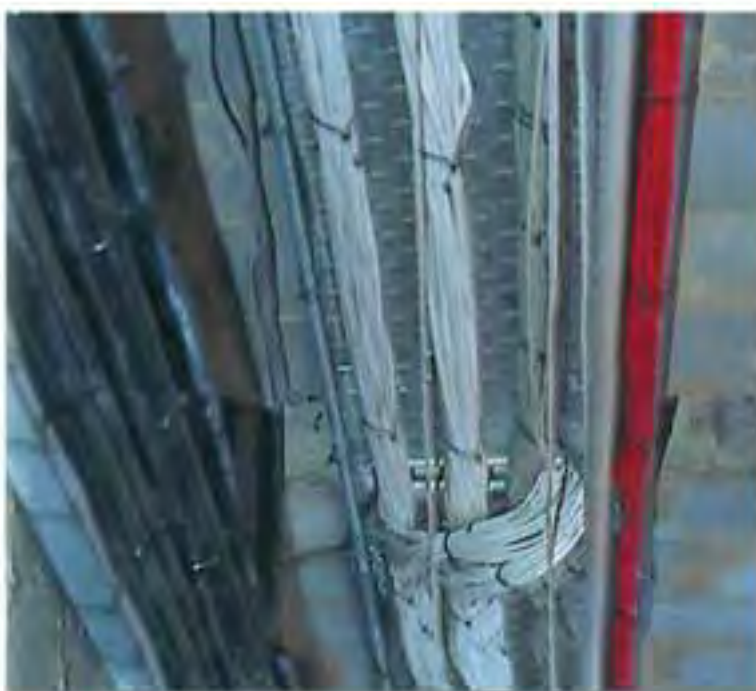


### • Cable Tray Stand-Off Brackets

ORDER CODE	SIZE REF	QTY
T701-075	THB 75	10
T701-127	THB 127	10
T701-225	THB 225	5
T701-300	THB 300	5
T701-450	THB 450	5

### • Overhead Tray Hangers

ORDER CODE	SIZE REF	QTY
T721-050	OTH 50	10
T721-075	OTH 75	10
T721-100	OTH 100	10
T721-150	OTH 150	10
T721-225	OTH 225	10





# Sheet Metal & Roofing Fixings





N.B. Exact lengths and grip range could differ slightly depending on particular manufacturer.



## Blind Riveting Systems

We stock a comprehensive range of riveting products and tools to cover most types of 'blind' fixing applications.

### • Blind Rivets Alu Standard Dome Head

Body : Aluminium

Mandrel : Steel BZP

ORDER CODE	SIZE REF			QTY
U011-303	3.2 x 6	3.3mm	1.5 - 3.5	500
U011-304	3.2 x 8	3.3mm	3.5 - 5.0	500
U011-305	3.2 x 10	3.3mm	5.0 - 7.0	500
U011-306	3.2 x 12	3.3mm	7.0 - 9.0	500
U011-307	3.2 x 14	3.3mm	9.0 - 11.0	500
U011-308	3.2 x 16	3.3mm	11.0 - 13.0	500
U011-309	3.2 x 18	3.3mm	13.0 - 15.0	500
U011-310	3.2 x 20	3.3mm	15.0 - 17.0	500
U011-403	4.0 x 6	4.1mm	1.5 - 3.0	500
U011-404	4.0 x 8	4.1mm	4.0 - 5.0	500
U011-405	4.0 x 10	4.1mm	5.0 - 6.5	500
U011-406	4.0 x 12	4.1mm	6.5 - 8.5	500
U011-407	4.0 x 14	4.1mm	8.5 - 10.5	500
U011-408	4.0 x 16	4.1mm	10.5 - 12.5	500
U011-504	4.8 x 8	4.9mm	2.5 - 4.5	500
U011-505	4.8 x 10	4.9mm	4.5 - 6.0	500
U011-506	4.8 x 12	4.9mm	6.0 - 8.0	500
U011-507	4.8 x 14	4.9mm	8.0 - 10.0	500
U011-508	4.8 x 16	4.9mm	10.0 - 12.0	500
U011-509	4.8 x 18	4.9mm	12.0 - 14.0	500
U011-510	4.8 x 20	4.9mm	14.0 - 15.0	250
U011-512	4.8 x 25	4.9mm	15.0 - 20.0	250
U011-706	6.0 x 12	6.1mm	5.0 - 7.0	250
U011-708	6.0 x 16	6.1mm	7.0 - 11.0	250
U011-710	6.0 x 20	6.1mm	13.0 - 15.0	250

### • Blind Rivets Steel Standard Dome Head

Body : Steel

Mandrel : Steel BZP

ORDER CODE	SIZE REF			QTY
U041-303	3.2 x 6	3.3mm	0.5 - 3.0	500
U041-304	3.2 x 8	3.3mm	3.0 - 5.0	500
U041-305	3.2 x 10	3.3mm	5.0 - 6.5	500
U041-306	3.2 x 12	3.3mm	6.5 - 8.5	500
U041-308	3.2 x 16	3.3mm	8.5 - 12.5	500
U041-309	3.2 x 18	3.3mm	12.5 - 14.5	500
U041-403	4.0 x 6	4.1mm	0.5 - 2.5	500
U041-404	4.0 x 8	4.1mm	2.5 - 4.5	500
U041-405	4.0 x 10	4.1mm	4.5 - 6.5	500
U041-406	4.0 x 12	4.1mm	6.5 - 8.5	500
U041-408	4.0 x 16	4.1mm	8.5 - 12.0	500
U041-504	4.8 x 8	4.9mm	2.0 - 4.0	500
U041-505	4.8 x 10	4.9mm	4.0 - 6.0	500
U041-506	4.8 x 12	4.9mm	6.0 - 8.0	500
U041-508	4.8 x 16	4.9mm	8.0 - 11.0	500
U041-510	4.8 x 20	4.9mm	11.0 - 15.0	250

### Sealed Rivets - Aluminium

Sealed rivets are a closed end rivet which is air and watertight. Used widely for roofing and ductwork applications.

Body: Aluminium Mandrel: Steel Phosphate coated

ORDER CODE	SIZE REF			QTY
U061-304	3.2 x 8	3.3	2.0 - 3.5	500
U061-305	3.2 x 9.5	3.3	3.5 - 5.0	500
U061-306	3.2 x 12.5	3.3	6.5 - 8.0	500
U061-404	4.0 x 8.0	4.1	0.5 - 3.5	500
U061-504	4.8 x 9.5	4.9	3.0 - 5.0	500
U061-505	4.8 x 11.0	4.9	5.0 - 6.5	500
U061-506	4.8 x 12.5	4.9	6.5 - 8.0	500
U061-507	4.8 x 14.0	4.9	8.0 - 9.5	500
U061-509	4.8 x 18.0	4.9	11.0 - 13.0	500



### Countersunk Sealed Rivets

These countersunk sealed rivets are designed for use where a flush finish is required and have a 120° countersink.

Body: Aluminium Mandrel: BZP Steel

ORDER CODE	SIZE REF			QTY
U063-304	3.2 x 9.0	3.3mm	3.0 - 4.5	500
U063-305	3.2 x 10.5	3.3mm	4.5 - 6.0	500
U063-306	3.2 x 12.0	3.3mm	6.0 - 7.5	500
U063-307	3.2 x 13.5	3.3mm	7.5 - 9.0	500
U063-405	4.0 x 9.5	4.1mm	2.5 - 4.5	500
U063-507	4.8 x 14	4.9mm	7.5 - 9.0	500



### Multigrip Rivets

One single Multigrip rivet size can replace up to three conventional sizes of rivet, reducing costs and simplifying stockholding. Multigrip rivets expand radially providing complete hole fill. The result is tighter joints and equalizing hole tolerances. The positively retained mandrel core is locked into the eyelet providing a rattle-free, weather-tight fastener.

### Multigrip Blind Rivet - Alu Standard Head

Body : Aluminium Mandrel : Steel BZP

ORDER CODE	SIZE REF			QTY
U081-304	3.2 x 8	3.3mm	0.5 - 5.0	1000
U081-305	3.2 x 9.5	3.3mm	1.0 - 6.5	1000
U081-306	3.2 x 11	3.3mm	3.0 - 8.0	1000
U081-405	4.0 x 10	4.1mm	0.5 - 6.5	500
U081-406	4.0 x 13	4.1mm	3.5 - 9.5	500
U081-408	4.0 x 17	4.1mm	7.0 - 13.0	500
U081-505	4.8 x 10	4.9mm	0.5 - 6.5	500
U081-507	4.8 x 15	4.9mm	4.5 - 11.0	500
U081-508	4.8 x 17	4.9mm	6.5 - 13.0	500
U081-512	4.8 x 25	4.9mm	11.0 - 19.5	200
U081-515	4.8 x 30	4.9mm	16.0 - 24.0	200



N.B. Exact lengths and grip range could differ slightly depending on particular manufacturer.





### • Multigrip Rivet - White Alu Dome Head



These rivets have a white painted body and are typically used on suspended ceiling trims, food factory hygiene panels etc.

Body : Aluminium

Mandrel : Steel BZP

ORDER CODE	SIZE REF	HEAD DIA	HEAD DIA	HEAD DIA	QTY
U085-305	3.2 x 9.5	White	3.3mm	1.0 - 6.0	500
U085-306	3.2 x 12	White	3.3mm	4.5 - 9.0	500
U085-406	4.0 x 12	White	4.1mm	3.5 - 8.5	500
U085-505	4.8 x 10	White	4.9mm	2.0 - 6.0	500
U085-508	4.8 x 16	White	4.9mm	6.5 - 12.5	500

### • Multigrip Blind Rivet - Alu Large Flange

Body : Aluminium

Mandrel : Steel BZP

ORDER CODE	SIZE REF	HEAD DIA	HEAD DIA	HEAD DIA	QTY
U091-304	3.2 x 8	K9.5	3.3	0.5 - 5.0	1000
U091-305	3.2 x 9.5	K9.5	3.3	1.5 - 6.5	1000
U091-306	3.2 x 11	K9.5	3.3	3.0 - 8.0	1000
U091-405	4.0 x 10	K12	4.1	0.5 - 6.5	500
U091-406	4.0 x 13	K12	4.1	3.5 - 9.5	500
U091-408	4.0 x 17	K12	4.1	7.0 - 13.0	500
U091-505	4.8 x 10	K16	4.9	0.5 - 6.5	250
U091-507	4.8 x 15	K16	4.9	4.5 - 11.0	250
U091-508	4.8 x 17	K16	4.9	6.5 - 13.0	250
U091-512	4.8 x 25	K16	4.9	11.0 - 19.5	100
U091-515	4.8 x 30	K16	4.9	16.0 - 24.0	100

### • Multigrip Blind Rivet - Stainless Std Head

Body : A2 Stainless Steel

Mandrel : A2 Stainless Steel

ORDER CODE	SIZE REF	HEAD DIA	HEAD DIA	QTY
U101-304	3.2 x 8	3.3mm	0.5 - 5.0	500
U101-305	3.2 x 9.5	3.3mm	1.0 - 6.5	500
U101-306	3.2 x 11	3.3mm	3.0 - 8.0	500
U101-506	4.8 x 12 *	4.9mm	6.0 - 8.0	500
U101-508	4.8 x 16 *	4.9mm	10.0 - 12.0	250

\* Not Multigrip design

### • BZP Rivet Washers

ORDER CODE	SIZE REF	QTY
U151-300	3.3 for 3.2 mm Rivets	1000
U151-400	4.0 for 4.0 mm Rivets	1000
U151-500	5.0 for 4.8 & 5.0mm Rivets	1000



N.B. Exact lengths and grip range could differ slightly depending on particular manufacturer.

Installed Multigrip Rivets: showing the ability to work with different material thicknesses.



### Riveting Tools

#### •NTS Hand Type

Slim design of tool for easy setting of rivets with self opening spring for automatic mandrel ejection.

ORDER CODE	SIZE REF	CAP STEEL	CAP ALU
U191-105	NTS Hand Type	4mm	5mm

#### •Flipper

This new design of riveting tool works on a ratchet principle for faster, easier installations. The container on the rear has a large capacity for spent mandrels.

ORDER CODE	SIZE REF	CAP STEEL	CAP ALU
U191-110	Flipper	4mm	5mm

#### •Lazy Tong

The SN2 Lazy Tong is a heavy duty setting tool for fast, high volume repetitive applications.

ORDER CODE	SIZE REF	CAP STEEL	CAP ALU
U191-210	SN2 Heavy Duty Lazy Tong	6.4mm	6.4mm

#### •Long Arm

The long arm design makes this tool a winner in heavy duty applications - the lever action giving very easy setting capabilities.  
The spent mandrel container eliminates spilt mandrels on site.

ORDER CODE	SIZE REF	CAP STEEL	CAP ALU
U191-305	HN2 Long Arm	6.4mm	6mm

#### •AccuBird Cordless Riveter

AccuBird is a battery operated, totally portable riveting tool. AccuBird is quick in operation and offers a large working range. It's economical too, with minimum maintenance requirements.

**Capacity:** Up to 5mm in all materials

**Weight:** 2.2kg

**Power:** 12 Volts quick charge rechargeable power pack

**Fast recharge time:** 1 hour

**Standard Equipment:**

Complete with 12v battery, quick charger and steel case.

Universal nosepiece does not require a spanner to change sizes.

ORDER CODE	SIZE REF	QTY
U191-505	AccuBird c/w Std Nosepiece	1
U191-510	AccuBird c/w Universal Nosepiece	1
U191-590	12v Spare Battery	1

**Various other riveting tools are available, please request a separate catalogue. These range from air powered to mains operated automatic systems.**



### • BZP Countersunk Cross-recess Self Tapping Screws



ORDER CODE	SIZE REF	QTY
U301-106	4 x 1/2	200
U301-110	4 x 3/4	200
U301-306	6 x 1/2	200
U301-308	6 x 5/8	200
U301-310	6 x 3/4	200
U301-312	6 x 1	200
U301-316	6 x 1 1/4	200
U301-319	6 x 1 1/2	200
U301-406	8 x 1/2	200
U301-410	8 x 3/4	200
U301-412	8 x 1	200
U301-416	8 x 1 1/4	200
U301-419	8 x 1 1/2	200
U301-425	8 x 2	200

ORDER CODE	SIZE REF	QTY
U301-512	10 x 1	200
U301-516	10 x 1 1/4	200
U301-519	10 x 1 1/2	200
U301-525	10 x 2	200
U301-532	10 x 2 1/2	200
U301-537	10 x 3	200
U301-612	12 x 1	200
U301-619	12 x 1 1/2	200
U301-625	12 x 2	200
U301-712	14 x 1	200
U301-716	14 x 1 1/4	200
U301-719	14 x 1 1/2	200
U301-725	14 x 2	200

### • BZP Pan Head Cross-recess Self Tapping Screws



ORDER CODE	SIZE REF	QTY
U311-106	4 x 1/2	200
U311-110	4 x 3/4	200
U311-305	6 x 3/8	200
U311-306	6 x 1/2	200
U311-310	6 x 3/4	200
U311-312	6 x 1	200
U311-406	8 x 1/2	200
U311-408	8 x 5/8	200
U311-410	8 x 3/4	200
U311-412	8 x 1	200
U311-416	8 x 1 1/4	200
U311-419	8 x 1 1/2	200

ORDER CODE	SIZE REF	QTY
U311-425	8 x 2	200
U311-506	10 x 1/2	200
U311-508	10 x 5/8	200
U311-510	10 x 3/4	200
U311-512	10 x 1	200
U311-516	10 x 1 1/4	200
U311-519	10 x 1 1/2	200
U311-525	10 x 2	200
U311-610	12 x 3/4	200
U311-612	12 x 1	200
U311-619	12 x 1 1/2	200
U311-625	12 x 2	200



### Self Tapping Pilot Drill Sizes

SCREW GAUGE	DRILL SIZE THIN MATERIAL	DRILL SIZE THICK MATERIAL
4g	2.0mm	2.5mm
6g	2.5mm	3.2mm
8g	3.0mm	3.5mm
10g	3.5mm	4.2mm
12g	4.5mm	5.0mm
14g	4.9mm	5.8mm

### Self Tapping Screw Kits

This invaluable assorted kit is a must for every tradesman.

ORDER CODE	SIZE REF	QTY
U361-001	Cross-recess Pan & Countersunk	1000 assorted



# Sheet Metal & Roofing Fixings

## Self Tappers & Sealing Products

9

### • Carbon Steel Hexagon Head Self Tapping Screws

For attaching metal and plastic sheeting to steel and timber supports. Zinc plated and passivated with 5/16 Hex head.  
Bonded washers are recommended where a weather seal is required.  
e.g. external cladding.

ORDER CODE	SIZE REF	QTY
U381-810	6.3 x 20	100
U381-812	6.3 x 25	100
U381-816	6.3 x 32	100
U381-820	6.3 x 40	100
U381-825	6.3 x 50	100
U381-832	6.3 x 65	100
U381-837	6.3 x 75	100
U381-850	6.3 x 100	100
U381-854	6.3 x 120	100
U381-858	6.3 x 140	100

Please order Bonded Washers separately if required, see below.



### Recommended Pilot Hole Sizes for 6.3mm Hex Head Self Tapping Screws

FIXING MATERIAL/THICKNESS	DRILL SIZE
Fixing to Timber	3.2mm
Fixing to Steel:	
Up to and including 1mm	4.0mm
Greater than 1mm up to and including 3mm	4.9mm
Greater than 3mm up to and including 4.5mm	5.3mm
Greater than 4.5mm up to and including 10mm	5.8mm
Greater than 10mm up to and including 12mm	5.9mm



See page 172 for Colour Caps

### • Bonded & Neoprene Washers

Bonded and Neoprene washers are used in conjunction with roofing screws for sealing. Neoprene washers are also used for isolation for stainless brick tie fixings etc.

ORDER CODE	SIZE REF	OUTSIDE DIA	APPLICATION	QTY
U391-308	A15 x 6.3	15mm	Wall	100
U391-309	A19 x 6.3	19mm	Roof	100
U391-314	A29 x 6.3	29mm	Roof Lights	100
U391-415	M6/M8	30mm	Sealing/Isolation	100



### • Butyl Rubber Strip Sealant

This butyl rubber stamp sealant adheres to metal and plastics therefore is ideal for side and end lap sealing on external cladding projects etc.

ORDER CODE	SIZE REF	QTY
U393-009	3mm x 9mm x 15m	24



### • BZP Drywall Screws

Drywall screws are used for fixing plasterboard and other composite boards in the ceiling, partitioning and fire-proofing industry. They are bugle-headed to prevent bursting the plasterboard skin with a No. 2 Phillips recess and are supplied in a bright zinc plated finish.

Standard type are used for metal thickness up to 0.7mm. Self drill up to 2.5mm.

ORDER CODE	SIZE REF	THREAD LENGTH	DRY	QTY
U401-312	3.5 x 25	Full	PH2	1000
U401-316	3.5 x 32	Full	PH2	1000
U401-319	3.5 x 38	Full	PH2	1000
U401-321	3.5 x 42	Full	PH2	1000
U401-325	3.5 x 50	Full	PH2	500
U401-330	3.5 x 60	50mm	PH2	500
U401-432	4.2 x 65	50mm	PH2	500
U401-437	4.2 x 75	50mm	PH2	500
U401-450	4.8 x 100	50mm	PH2	200

### • BZP Self Drilling Drywall Screws

Self Drilling Drywall Screws for metal thickness up to 2.5mm

ORDER CODE	SIZE REF	THREAD LENGTH	DRY	QTY
U411-312	3.5 x 25	Full	PH2	1000
U411-316	3.5 x 32	Full	PH2	1000
U411-319	3.5 x 38	Full	PH2	1000
U411-321	3.5 x 42	Full	PH2	1000
U411-325	3.5 x 50	Full	PH2	500
U411-332	3.9 x 65	50mm	PH2	500

### • Coarse Thread Collated Drywall Screws

These Coarse Thread drywall screws are supplied mounted on plastic strips of 50 screws. They are designed for fastening plasterboard onto timber studs and come in a black phosphate finish. Suitable for use with most leading brands of collated screw guns.

ORDER CODE	SIZE REF	DRY	QTY
U421-312	3.5 x 25	PH2	1000
U421-317	3.5 x 35	PH2	1000
U421-319	3.5 x 38	PH2	1000
U421-322	3.5 x 45	PH2	1000
U421-325	3.5 x 50	PH2	1000
U421-327	3.5 x 55	PH2	1000

### • Fine Thread Collated Drywall Screws

Fine thread drywall screws are designed for use into metal stud of up to 0.9mm. They are supplied in a BZP finish and are collated in strips of 50.

Compatible with most major brands of collated screwdrivers.

ORDER CODE	SIZE REF	DRY	QTY
U422-312	3.5 x 25	PH2	1000
U422-317	3.5 x 35	PH2	1000
U422-325	3.5 x 50	PH2	1000

### • Self Drill Collated Drywall Screws

These collated self drill drywall screws are designed for use on heavy gauge studs up to 2.5mm thick. They are a fine thread BZP screw and can be used on most makes of collated screwdrivers.

ORDER CODE	SIZE REF	DRY	QTY
U423-317	3.5 x 35	PH2	1000
U423-322	3.5 x 45	PH2	1000
U423-325	3.5 x 50	PH2	1000

# Sheet Metal & Roofing Fixings

## Self-Drilling Screws

9

### • Wafer Head Drill Screws

These wafer headed screws are used for fastening the members of lightweight metal channels on stud partitions.

ORDER CODE	SIZE REF	THREAD LENGTH	DRV	QTY
U431-406	4.2 x 13	Full	PH2	1000

### • Wafer Head Gimlet Point Screws

These low profile head screws are ideal for use on drywalling applications such as connecting the stud members. They have a sharp gimlet point to penetrate through thin steel.

ORDER CODE	SIZE REF	THREAD LENGTH	DRV	QTY
U432-406	4.2 x 13	Full	PH2	1000

### Self-Drilling Screws for General Construction Applications

This range of self-drilling screws can vastly speed up assembly and installation times in sheet metalwork, ducting manufacture, electrical installations etc. See Self Drill Screws on pages 168-174 for heavy duty & roofing & cladding screws.

DF 2 type drill up to 2.0mm in steel

DF 3 type drill up to 3.0mm in steel

### • BZP Hexagon Head

ORDER CODE	SIZE REF	THREAD LENGTH	DRV	QTY
U451-406	DF 2 - HEX 4.2 x 13	7mm AF		1000
U451-410	DF 2 - HEX 4.2 x 20	7mm AF		1000
U451-412	DF 2 - HEX 4.2 x 25	7mm AF		1000

### • BZP Hexagon Head

ORDER CODE	SIZE REF	THREAD LENGTH	DRV	QTY
U461-610	DF 3 - HEX 4.8 x 20	8mm AF		1000
U461-612	DF 3 - HEX 4.8 x 25	8mm AF		1000
U461-710	DF 3 - HEX 5.5 x 20	8mm AF		1000

### • BZP Pan Head Pozi

ORDER CODE	SIZE REF	THREAD LENGTH	DRV	QTY
U471-306	DF 2 - PAN 3.5 x 13	PZ2		1000
U471-310	DF 2 - PAN 3.5 x 20	PZ2		1000
U471-406	DF 2 - PAN 4.2 x 13	PZ2		1000
U471-410	DF 2 - PAN 4.2 x 20	PZ2		1000
U471-412	DF 2 - PAN 4.2 x 25	PZ2		1000
U471-416	DF 2 - PAN 4.2 x 32	PZ2		1000
U471-610	DF 3 - PAN 4.8 x 20	PZ2		1000
U471-612	DF 3 - PAN 4.8 x 25	PZ2		1000
U471-619	DF 3 - PAN 4.8 x 38	PZ2		1000

### • BZP Countersunk Head Pozi

ORDER CODE	SIZE REF	THREAD LENGTH	DRV	QTY
U481-412	DF 2 - CSK 4.2 x 25	PZ2*		1000
U481-419	DF 2 - CSK 4.2 x 38	PZ2*		1000
U481-612	DF 3 - CSK 4.8 x 25	PZ2*		1000
U481-619	DF 3 - CSK 4.8 x 38	PZ2*		1000

\* May be supplied as PZ2 or PH2 drive please check at time of ordering.



See also  
QuikDrive  
Screws  
page 42

For  
Screwdriver  
bits see  
page 218

For  
Screwdrivers  
see page 240



### Self Drill Screws

#### Introduction

We have been distributing this market leading range for many years and have built up a large knowledge of both products and applications to help with your requirements.

Please phone us with your applications as it is vitally important to have the correct screw for the application in question. Two self drill screws may be both 38mm and have hexagon heads but would be for totally different uses!!.

#### IMPORTANT

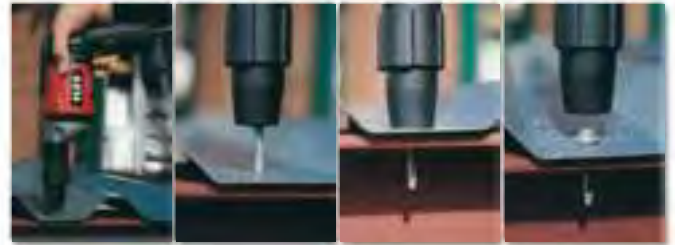
WHEN CONTACTING US PLEASE ENSURE YOU GIVE US THE FULL DETAILS OF HOW THE "SANDWICH" IS MADE UP INCLUDING ANY MEMBRANES, INSULATION, AND EVEN AIR SPACE OR VOIDS

EG. 2mm purlin, 50mm compressable insulation quilt, 25mm timber batten, 0.9mm steel sheet.

Most self drill screws are supplied with the unique 'climaseal' finish giving excellent corrosion protection against the effects of salt, air, salt water, and acid rain. Outlasts galvanised by years.

Self drill screws are all supplied with a high performance protective coating which gives improved results over BZP. All Hex head self drill screws have an 8mm AF Hex head.

#### Installation of Standard Self Drill Screws



### General Construction Range

- For fastening various materials to steel sections 1.2 to 3.5mm thickness

ORDER CODE	SIZE REF	EFFECTIVE THREAD	SIZE	QTY
U501-308	TC16	6	4.8 x 16	# 500
U501-312	TC25	8	5.5 x 25	# 500
U501-319	TC38	22	5.5 x 38	# 100
U501-325	TC50	42	5.5 x 51	# 100
U501-330	TC62	51	5.5 x 60	# 200
U501-337	TC75	65	5.5 x 75	# 100

- For fastening thicker materials to steel sections 1.2 to 3.5mm thickness

ORDER CODE	SIZE REF	STEEL THICKNESS	SIZE	QTY
U511-332	MHT65	1.2-3.5	5.5 x 65	100
U511-342	MHT85	1.2-3.5	5.5 x 85	100
U511-351	MHT105	1.2-3.5	5.5 x 105	100
U511-354	MHT120	1.2-3.5	5.5 x 120	100
U511-358	MHT140	1.2-3.5	5.5 x 140	100

- Long drill point for fastening various materials to steel sections 4.0 to 12.5mm thickness.

ORDER CODE	SIZE REF	EFFECTIVE THREAD	SIZE	QTY
U531-516	TL32	12	5.5 x 32	# 200
U531-519	TL38	18	5.5 x 38	# 200
U531-525	TL50	30	5.5 x 50	# 200
U531-537	TL75	55	5.5 x 75	# 100
U531-550	TL100	80	5.5 x 100	# 200

- For fastening thicker materials to steel sections 4.0 to 12.5mm thickness

ORDER CODE	SIZE REF	SIZE	QTY
U541-542	MHTL 85	5.5 x 85	100
U541-551	MHTL 105	5.5 x 105	100
U541-555	MHTL125	5.5 x 125	100
U541-559	MHTL145	5.5 x 145	100



**For Self  
Drill Screw  
Driving  
Sockets  
see page 220**

# Sheet Metal & Roofing Fixings

## Timber to Metal Self Drill Screws

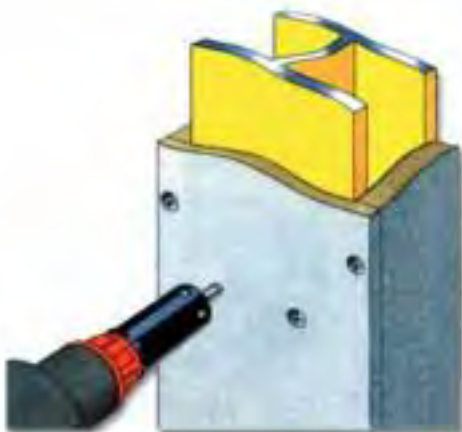
9

### • Timber to Metal

Timber-fix self-drilling screws for fastening timber, plywood, chipboard and similar materials to metal. Carbon steel - with wings - plated finish.

ORDER CODE	SIZE REF	STEEL TH/NESS	MATERIAL TH/NESS	SIZE	HEAD STYLE	QTY
U561-318	TFC36	1.5 - 3.0	6 - 20	4.8 x 36	P2 Wafer	# 100
U561-319	TFC38	1.5 - 3.0	6 - 22	4.2 x 38	P2 C/Sunk ribbed	# 100
U561-322	TFC45	1.5 - 3.0	10 - 27	4.8 x 45	P2 C/Sunk ribbed	# 100
U561-325	TFC50	1.5 - 3.0	13 - 30	5.5 x 50	P3 C/Sunk ribbed	# 100
U561-330	TFC61	1.5 - 3.0	13 - 40	5.5 x 61	P3 C/Sunk ribbed	# 100
U561-340	TFC80	1.5 - 3.0	25 - 60	5.5 x 80	P3 Wafer ribbed	# 100
U561-350	TFC100	1.5 - 3.0	45 - 80	5.5 x 100	P3 Wafer ribbed	# 100
U561-354	TFC120	1.5 - 3.0	40 - 100	5.5 x 120	P3 Wafer ribbed	# 100
U561-521	TFL42*	4.0 - 10.0	10 - 13	5.5 x 42	P3 C/Sunk	# 100
U561-532	TFL65*	4.0 - 10.0	10 - 28	5.5 x 65	P3 C/Sunk	# 100
U561-540	TFL80*	4.0 - 10.0	10 - 42	5.5 x 80	P3 C/Sunk	# 100
U561-545	TFL90*	4.0 - 10.0	35 - 55	5.5 x 90	P3 Wafer	# 100
U561-550	TFL100*	4.0 - 10.0	45 - 65	5.5 x 100	P3 Wafer	# 100
U561-557	TFL135	4.0 - 12.0	65 - 100	5.5 x 135	TX30 Wafer ribbed	# 100

\* These screws are also suitable for fastening firelining boards to medium and heavy steelwork.



Special "wings" ream clearance hole in timber to prevent thread engaging and jacking. The wings are designed to break off on contact with steel.

### • Timber-fix self-drilling screws

For fastening timber battens to metal decking Carbon steel - no wings - plated finish - for use on Tac-Tray 90 or Trustray systems.

ORDER CODE	SIZE REF	STEEL TH/NESS	MATERIAL TH/NESS	HEAD STYLE	QTY
U571-925	DTFT 5.0x50	2 @ 0.75	19 - 27	TX30 C/sunk ribbed	500
U571-935	DTFT 5.0x70	2 @ 0.75	30 - 50	TX30 C/sunk ribbed	500



**For Self Drill screw driving bits & sockets see page 218-220**

U601-141



U601-160



U601-238



U611-237

## Single Ply Membrane Fixings

### • RG - Roofgrip Screws

Roofgrip (RG) system for attaching single ply membrane and insulation to steel or timber decking.

5.5mm dia. carbon steel self-driving screws - Grey Spex finish - low profile oval head - P3 recess - 'X' point - special high performance thread form.

ORDER CODE	SIZE REF	STEEL THICKNESS	BUILD UP RANGE		QTY
MIN	MAX				
U601-120	RG 41	0.7 - 1.2	13	26	# 200
U601-128	RG 57	0.7 - 1.2	13	42	# 200
U601-137	RG 75	0.7 - 1.2	26	60	# 200
U601-141	RG 82	0.7 - 1.2	26	67	200
U601-148	RG 96	0.7 - 1.2	26	81	# 100
U601-152	RG111	0.7 - 1.2	42	96	200
U601-155	RG126	0.7 - 1.2	58	111	# 100
U601-160	RG151	0.7 - 1.2	83	136	# 100
U601-165	RG177	0.7 - 1.2	83	162	100
U601-170	RG202	0.7 - 1.2	108	187	100

To select correct length of RG screw, the thickness and tolerance of all the materials involved in the applications should be considered. The screws must penetrate the decking by at least 15mm.

Timber: Roofgrip fasteners are suitable for use in 19mm minimum thickness plywood or timber decking. Deduct timber thickness from maximum build up range. Minimum penetration through underside of decking is 15mm or 38mm embedment in thicker timber.

### • HRG - Heavy Duty Roofgrip Screws

HRG Heavy Duty Roofgrip Screws are used in the same applications as RG Roofgrip screws and can also be used in concrete. A 5.5mm diameter tapping hole must be drilled into the concrete to a depth at least 15mm deeper than the screw's penetration. The screw must achieve a minimum embedment of 32mm.

ORDER CODE	SIZE REF	STEEL THICKNESS	BUILD UP RANGE		QTY
MIN	MAX				
U601-219	HRG 38	0.7 - 1.2	0	23	200
U601-225	HRG 51	0.7 - 1.2	19	36	200
U601-238	HRG 76	0.7 - 1.2	44	61	200
U601-250	HRG 100	0.7 - 1.2	68	85	200
U601-255	HRG 127	0.7 - 1.2	95	112	100
U601-260	HRG 152	0.7 - 1.2	120	137	100
U601-265	HRG 176	0.7 - 1.2	144	161	100
U601-270	HRG 200	0.7 - 1.2	168	185	100

### • Stress Plates

For use with Single Ply Membrane.

### • 75mm Square Galvanised Metal Stress Plate-FM Approved

ORDER CODE	SIZE REF	APPLICATIONS	QTY
U611-237	RG7575G	Insulation	# 100



# Sheet Metal & Roofing Fixings

## Roofing & Cladding Self Drill Screws

9

### Profiled Steel Sheet - Single Skin Range

- Fastening to steel purlins and rails

ORDER CODE	SIZE REF	STEEL THICKNESS	SIZE	QTY
U631-313	MXC26	1.2 - 3.5	5.5 x 26	# 250
U631-316	MXC32	1.2 - 3.5	5.5 x 32	# 250
U631-414	MXM28	3.0 - 5.0	5.5 x 28	200
U631-519	MXL38	4.0 - 12.5	5.5 x 38	# 200

U631-313

U631-316

U631-519 (particularly suited to brick tie applications)

- Fastening to timber purlins and rails

ORDER CODE	SIZE REF	EMBEDMENT DEPTH	SIZE	QTY
U631-816	MXW32	29	5.8 x 32	# 200
U631-822	MXW45	42	5.8 x 45	# 200

U631-816

U631-822

### Roof Sheet to Purlin Screws

- Fastening to steel purlins and rails particularly on roofs.

ORDER CODE	SIZE REF	STEEL THICKNESS	QTY
U641-312	DF3A19 5.5 x 25	1.2 - 3.0	# 200
U641-519	DF12A19 5.5 x 38	4.0 - 12.5	# 200

U641-312

U641-519

- Fastening to timber purlins and rails particularly on roofs.

ORDER CODE	SIZE REF	EMBEDMENT DEPTH	QTY
U641-822	DFTA19 5.5 x 45	41	# 200

U641-822

### Rooflight Screws

Self-drilling screws with 29mm dia. aluminium composite sealing washers.

- Fastening to steel purlins and rails

ORDER CODE	SIZE REF	STEEL THICKNESS	SIZE	QTY
U651-317	MXCR35	1.2 - 3.5	5.5 x 32	# 200
U651-519	MXLR38	4.0 - 12.5	5.5 x 38	# 200

U651-317

- Fastening to timber purlins and rails

ORDER CODE	SIZE REF	EMBEDMENT DEPTH	SIZE	QTY
U651-822	MXWR45	38	5.5 x 45	# 200

U651-822



U681-108



U681-112



### • Stitching Screws

Sheet to sheet and flashing to sheet - 0.55mm up to 0.9mm steel sheet.  
Corrosion resistant finish.

ORDER CODE	SIZE REF	SIZE	QTY
U681-108	MXS16	4.8 x 16	500
U681-110	MXS20	6.3 x 20	250

### • Hi-Torque Stitching Screws

For maximum performance in thinner sheets - sheet to sheet, flashing to sheet, GRP rooflight to sheet and GRP rooflight to rooflight.  
Corrosion resistant finish.

ORDER CODE	SIZE REF	SIZE	QTY
U681-112	MXS25	8.0 x 25	100



U701-155



Colour is a guide only

### • HC16 Colour Caps

We recommend that all non-Colour Head fasteners used in external applications are finished by means of a colour cap, for both colour matching and added weather protection. Colours shown are stock colours. All other colours available only to order.  
Minimum unit of sale 1000.

For all 15 and 16mm washered screws.

ORDER CODE	SIZE REF	SIZE	QTY
U701-105	White	00 E 55	1000
U701-116	Terracotta	04 C 39	1000
U701-124	Ocean Blue	-	1000
U701-125	Wedgewood Blue	18 C 37	1000
U701-135	Moorland Green	12 B 21	1000
U701-137	Olive Green	12 B 27	1000
U701-146	Mushroom	10 B 19	1000
U701-147	Bamboo	08 C 35	1000
U701-148	Van Dyk Brown	08 B 19	1000
U701-154	Goosewing Grey	10 A 05	1000
U701-155	Merlin Grey	18 B 25	1000



U701-225



Colour is a guide only

### • HC19 Colour Caps

Suitable for use with 19mm washered screws.

ORDER CODE	SIZE REF	SIZE	QTY
U701-205	White	00 E 55	1000
U701-216	Terracotta	04 C 39	1000
U701-224	Ocean Blue	-	1000
U701-225	Wedgewood Blue	18 C 37	1000
U701-235	Moorland Green	12 B 21	1000
U701-237	Olive Green	12 B 27	1000
U701-246	Mushroom	10 B 19	1000
U701-247	Bamboo	08 C 35	1000
U701-248	Van Dyk Brown	08 B 19	1000
U701-254	Goosewing Grey	10 A 05	1000
U701-255	Merlin Grey	18 B 25	1000

# Sheet Metal & Roofing Fixings

## Liner Panels Self Drill Screws

9

### Liner Panel Systems

- Fastening liner sheets to steel purlins and rails.

ORDER CODE	SIZE REF	STEEL THICKNESS	SIZE	QTY
U501-308	TC16	12 - 3.5	4.8 x 16	# 500
U531-516	TL32	4.0 - 12.5	5.5 x 32	# 200

- Fastening mini zed purlins through spacer ferrule and liner sheet to steel purlins and rails

ORDER CODE	SIZE REF	STEEL THICKNESS	SIZE	TO SUIT SPACER	QTY
U501-325	TC50	1.2 - 3.5	5.5 x 50	25/35	# 100
U501-331	TC62	1.2 - 3.5	5.5 x 62	42	# 200
U501-337	TC75	1.2 - 3.5	5.5 x 75	50	100
U531-525	TL50	4.0 - 12.5	5.5 x 50	22/25	200
U531-537	TL75	4.0 - 12.5	5.5 x 75	35/42	# 100
U531-550	TL100	4.0 - 12.5	5.5 x 100	42/50	200

- Clip Fixing To Steel Purlin Screws

These self-drill screws have low profile heads that are designed to suit the secret fix sheeting clips that are widely used in today's cladding projects.

ORDER CODE	SIZE REF	STEEL THICKNESS	SIZE	QTY
U711-308	CFC16	1.5 - 3.5	4.8 x 16	200
U711-312	CFC24	1.5 - 3.5	4.8 x 25	250
U711-516	CFL32	4.0 - 12.5	5.5 x 32	500

- Plastic Spacer Ferrules

ORDER CODE	SIZE REF	SIZE	QTY
U731-011	BXPS22	22mm	100
U731-012	BXPS25	25mm	# 100
U731-017	BXPS35	35mm	# 100
U731-021	BXPS42	42mm	100
U731-025	BXPS50	50mm	100

Note: Steel spacer ferrules are available for fire wall applications.

- Profile Steel Sheet - plus up to 80mm Quilt

For fixing profile sheet to mini zed through up to 80mm compressible quilt. Complete with sealing washers.

ORDER CODE	SIZE REF	STEEL THICKNESS	SIZE	QTY
U631-313	MXC26	1.2 - 3.5	5.5 x 26	250

- Profile Steel Sheet - plus up to 100mm Quilt

For fixing profile sheet to mini zed through up to 100mm compressible quilt. Complete with sealing washers.

ORDER CODE	SIZE REF	STEEL THICKNESS	SIZE	QTY
U631-316	MXC32	1.2 - 3.5	5.5 x 32	250

- Insulation Hangers

ORDER CODE	DESCRIPTION	QTY
U751-031	62mm long, self adhesive base	# 500
U751-045	IH90 90mm long, self adhesive base	# 500

U501-308

U531-516

U501-325

U531-525

U711-308

U711-516

U731-011

U731-012

U631-313

U631-316

U751-045

U751-031



### Composite/Sandwich Panels and Foam Board Systems

For valley or crown fastening of steel roof & wall panels to steel purlins and rails.

#### • Composite Panel Self-drilling Screw

19mm dia. aluminium composite washer for lighter weight purlins.

U761-351



ORDER CODE	SIZE REF	STEEL THICKNESS	SIZE	BUILD UP RANGE	QTY
U761-332	MHT6519	1.2 - 3.5	5.5 x 65	16 - 44	# 100
U761-342	MHT8519	1.2 - 3.5	5.5 x 85	27 - 63	# 100
U761-351	MHT10519	1.2 - 3.5	5.5 x 105	47 - 83	# 100
U761-354	MHT12019	1.2 - 3.5	5.5 x 120	46 - 98	# 100
U761-358	MHT14019	1.2 - 3.5	5.5 x 140	66 - 118	100
U761-366	MHT18019	1.2 - 3.5	5.5 x 180	93 - 158	# 100
U761-370	MHT20019	1.2 - 3.5	5.5 x 200	118 - 178	# 100

Note: The above fasteners can be used successfully for fastening composite/sandwich panels to timber purlins & and rails. Allow 50mm embedment into timber

#### • Composite Panel Self-drilling Screws

19mm dia. aluminium composite washer for heavier purlins.

U761-550



ORDER CODE	SIZE REF	STEEL THICKNESS	SIZE	BUILD UP RANGE	QTY
U761-542	MHTL8519	4.0 - 12.5	5.5 x 85	26 - 50	# 100
U761-550	MHTL10019	4.0 - 12.5	5.5 x 100	36 - 70	# 100
U761-555	MHTL12519	4.0 - 12.5	5.5 x 125	36 - 90	100
U761-559	MHTL14519	4.0 - 12.5	5.5 x 145	56 - 110	100
U761-570	MHTL20519	4.0 - 12.5	5.5 x 205	106 - 170	100

#### • Composite Panel Self-drilling Screws for Rooflights

29mm dia. aluminium composite washers for valley or crown fastening of rooflights to lighter weight steel purlins and rails.

U771-351



ORDER CODE	SIZE REF	STEEL THICKNESS	SIZE	BUILD UP RANGE	QTY
U771-332	MXHTR65	1.2 - 3.5	5.5 x 65	16 - 44	100
U771-342	MXHTR85	1.2 - 3.5	5.5 x 85	27 - 63	100
U771-351	MXHTR105	1.2 - 3.5	5.5 x 105	47 - 83	100
U771-354	MXHTR120	1.2 - 3.5	5.5 x 120	46 - 96	100
U771-358	MXHTR140	1.2 - 3.5	5.5 x 140	66 - 118	100

Note: The above fasteners can be used successfully for fastening composite/sandwich panels to timber purlins and rails. Allow 50mm embedment into timber.

#### • Composite Panel Self-drilling Screws

29mm dia. aluminium composite washers for fixing to heavy section steel.

U771-550



ORDER CODE	SIZE REF	STEEL THICKNESS	SIZE	BUILD UP RANGE	QTY
U771-542	MXHTLR 85	4.0 - 12.5	5.5 x 85	26 - 50	100
U771-550	MXHTLR 100	4.0 - 12.5	5.5 x 100	36 - 70	100
U771-555	MXHTLR125	4.0 - 12.5	5.5 x 125	36 - 90	100
U771-559	MXHTLR145	4.0 - 12.5	5.5 x 145	56 - 110	100

### Nylon Head Self Drill Screws

Nylon head self drill screws are integral moulded glass filled nylon coloured head fasteners. Used for fastening and colour matching profiled metal roofing and panels to structural steel work and timber.

#### FEATURES AND BENEFITS

**High performance moulded integral coloured head** - provides installer friendly setting tolerances, and ensures continuous corrosion protection throughout the life of the fastener. No costly call backs to replace dislodged caps.

**16, 19, & 30mm dia. washer options** - covers a wide range of applications and provides consistent weather sealing options.

**A variety of configurations** - to drill, tap and fasten into various steel Thickness up to 12.5mm and provide the ultimate mechanical performance.

**High performance corrosion resistant finish** - provides up to 6 times the life of standard zinc plating.

Available in a wide range of colours - to match the selected sheet colour.

#### PRODUCT INFORMATION

The integral head is manufactured from high quality glass filled nylon, providing excellent UV resistance, and driving efficiency.

The coloured head incorporates a fully encapsulated large diameter metal washer face.

The integral metal washer face eliminates washer inversion and the potential for leaks that can be experienced with traditional types of sealing washers.

Available with either 16mm, 19mm or 30mm dia. washers to suit various weather sealing applications.

The Tek® point provides superior stability when driving and consistent high speed drilling performance in construction grade steel.

Nylon head Screws are available to match all current popular sheet colours.



### Colour Laquered Self Drill Screws

We can supply a wide and versatile range of colour lacquered self drill screws which blend in unobtrusively with any cladding system. They are available to order in a spectrum of colours to suit almost any application. Please contact us with your exact requirements.

***For further information  
please contact our sales team***



### • Zinc Plated Drive Screws


These drive screws may be supplied in either 5.5 or 6.3mm diameter.


ORDER CODE	SIZE REF		QTY
U851-372	75mm	5.5/6.3	100
U851-502	100mm	5.5/6.3	100

ORDER CODE	SIZE REF		QTY
U851-542	120mm	5.5/6.3	100
U851-604	150mm	7.0/8.0	100

### Sealing Washers and Covers

#### • Washers

ORDER CODE	SIZE REF		QTY
U861-104	M6 x 20 OD	Clear	100
U861-109	M6 x 20 OD	Black	100
U861-209	M6 x 28 OD	Black	100


ORDER CODE	SIZE REF		QTY
U861-309	M8 x 28 OD	Black	100
U861-350	M8 x 28 OD	Grey	100


#### • Covers

ORDER CODE	SIZE REF		QTY
U861-404	20mm	Clear	100
U861-409	20mm	Black	100

ORDER CODE	SIZE REF		QTY
U861-509	28mm	Black	100
U861-550	28mm	Grey	100

#### • Deep Covers

ORDER CODE	SIZE REF		QTY
U861-709	28mm	Black	100

ORDER CODE	SIZE REF		QTY
U861-750	28mm	Grey	100



### • Std Plastic Roofing Washers & Covers



ORDER CODE	SIZE REF			QTY
U861-909	Spat Washers	Black	M8	100

ORDER CODE	SIZE REF			QTY
U861-910	Top hats	Black	M8	100

### • Seamfast Lap Fixing

A very effective lap fixing is obtained using SEAMFAST. This comprises of a bolt and neoprene sleeve together with a Selawasher, and is capable of clamping all types of fibre cement, metal and translucent sheeting. SEAMFAST is fixed from outside of the building, and is ideal for securing side-laps, bargeboards etc.

ORDER CODE	SIZE REF		SLEEVE LENGTH		QTY
U871-112	20S (6 x 20)	10	25mm	8	100
U871-119	20L (6 x 20)	10	38mm	20	100

ORDER CODE	SIZE REF		SLEEVE LENGTH		QTY
U871-212	28S (6 x 28)	10	25mm	8	100
U871-219	28L (6 x 28)	10	38mm	20	100

A shallow sealing cover may be fitted to give added protection. Please state size 20 or 28 and colour

### • Hook Bolts & Nuts

ORDER CODE	SIZE REF	QTY
U881-450	M8 x 100	100
U881-454	M8 x 120	100
U881-458	M8 x 140	100
U881-460	M8 x 150	100
U881-462	M8 x 160	100

ORDER CODE	SIZE REF	QTY
U881-466	M8 x 180	100
U881-470	M8 x 200	100
U881-472	M8 x 220	100
U881-474	M8 x 240	100



## Power Tools, Accessories & Site Electrics





**Ask for your  
copy of the  
Metabo catalogue**



**Ask for our  
Latest Powertool  
Offer Leaflet**

## Professional Power Tools

Our carefully selected and quality range of power tools is chosen with the customer in mind. Our aim is to supply power tools which will provide reliable and efficient performance. On the following pages you will see an overview of the manufacturers and range that Fixfirm supply. Due to the ever increasing features on the products we have not shown specifications as these can quickly become out of date, we recommend you contact us for our current power tool brochures when required.

We have regular special offers and promotions on power tools. Please phone us for details on our latest deals.

### ● Metabo

Metabo is one of the leading manufacturers of industrial power tools in Europe and specialists in high-performance equipment in this field. Metabo is a well established German company whose sole interests are in power tools and related products and now have a dedicated UK base.

Quality is of paramount importance from the design and development stage through to manufacture. With the continually increasing demands of technology and everyday practice only the best materials and components are used. Stringent quality control ensures these products are amongst the finest in the world and particularly suited to industrial applications.

Metabo industrial power tools are so designed that they deliver, not only adequate torque at the spindle but possess an ample reserve of power beyond that point. They are robust, efficient and render trouble free service over many years of use.

Metabo power tools have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship for the period of twelve months from the date of purchase, except where tools are hired out, when the guarantee period is reduced to ninety days from the date of purchase. This warranty can now be extended to 3 years by registering your Metabo machine with Metabo within 4 weeks of purchase.



- **Rotary only and Impact drills**
- Metabo Marathon Motor\* for long service life
- Code security feature\*
- S-automatic safety clutch\*
- Vario-Tacho-Constamatic electronics (VTC)\*
- Impulse feature\*
- XXL 3 year warranty available



- **SDS Hammer Drills**
- Marathon Motor\* for long service life
- Code security feature\*
- Vario-Tacho-Constamatic electronics (VTC)\*
- Roto-stop chiselling feature\*
- Contact Technology for safe drilling near pipes and cables\*
- XXL 3 year warranty available



- **Rotary and Demolition Hammer drills**
- Low vibration
- 1-25 joules single blow energy\*
- SDS Max chuck
- Pneumatic high performance hammer action
- Magnesium die cast gear housing for efficient heat dissipation
- Active vibration damping

\* Feature on certain models only



### Metabo continued

- 2 ranges of Metabo Cordless Drill/Drivers and Combi Impact Drills
- 9.6V-18V
- Up to 3000 charges per battery
- Torque control up to 20 levels
- ICS 10 Super fast diagnostic charger\*
- Selectable impulse feature\*
- Vario speed electronics
- Quick stop brake
- XXL warranty available



- 4 1/2"-9" Metabo Grinders
- S-automatic safety clutch
- Quick keyless accessory change\*
- Spindle stop
- VTC electronics\*
- Anti vibration handle\*
- Die cast aluminium gear housing
- Robust 'Marathon' motor
- XXL warranty available



- Metabo Jigsaws to suit every application
- Adjustable pendulum action
- VC electronics
- Dust extraction port
- Quick toolless saw blade change
- Ergonomic design
- Blower for free view of cutting line
- Guide rail device available as optional accessory
- XXL warranty available



- Metabo Planers & Sanders
- Carbide tipped planer blades
- Adjustable planer depth
- Compact size
- Easy blade change
- Variable speed
- Triangle sanders
- Orbital sanders
- Random orbital sanders
- Belt sanders
- XXL warranty available



- Metabo Circular Saws 160-230mm blade diameter
- Precise bevel cuts up to 45°
- Extended dust extraction outlet
- Guide rail available as optional accessory
- XXL warranty available



### Metabo also do:

- Angle Drills
- Core Drills
- Stirrers
- Screwdrivers
- Polishers
- Sabre Saws
- Wall Chasers
- Shears and Nibblers
- Vacuums

\* Depending on model

**For full information on any Metabo product please ask for full specification catalogue**





### ● Makita Power Tools

- **Makita Cordless Drills 12v - 24v**
- High capacity NiMH Batteries
- Range includes combi, impact driver and drill driver models
- Long life industrial motors



- **Makita Rotary Percussion/Diamond Core Drills**
- Soft start and torque limiter
- Anti vibration system
- Electronic power control
- 2 speed gearbox



- **Makita Tek Screw Drivers**
- Variable speed trigger
- 1/4" Hex drive
- Forward/reverse rotation
- Available in 110v or 240v or cordless versions



- **Makita Reciprocating "Shark" Saws**
- Variable speed
- Electronic power control to maintain speed under load (certain models only)
- Anti vibration system
- Available in 110v or 240v



- **Makita Circular Saws**
- 6 1/2" - 14" blade diameter
- Electric brake
- Soft start feature
- Available in 110v or 240v versions



**For full information on any Makita product please ask for full specification catalogue**

### ● Panasonic Power Tools

Panasonic Power Tool Research and Development is based around three priorities - Cordless Capabilities, Power and Design. Panasonic believes these three priorities are essential to satisfy the requirements of professional users around the world.

- **Cordless Drills 12v, 15.6v & 18v**
- Lightweight and compact
- High capacity Ni-MH Batteries Up to 3.5 Ah
- Range includes drill/drivers and combi impact drills
- Ergonomically balanced tool bodies



- **15.6v or 18v Wood & Metal Cutting Circular Saws**
- 135mm and 165mm blade sizes
- Easy blade replacement
- 3.0ah/3.5ah High capacity NiMH batteries
- 45min charger



- **18v Reciprocating Saw**
- Powerful cutting
- High capacity 3.5 Ah, Ni-MH Batteries
- Keyless blade clamping
- Electric brake



- **24v Cordless SDS**
- Powerful rotary hammer action
- Soft start
- Ergonomics design
- 45 minute charger
- 2 speed drilling action



- **15.6v Multi Drill**
- Impact drive mode
- High torque up to 127 NM
- 1/4" Hex drive or 13mm chuck
- High capacity NiMH batteries



**For full information on any Panasonic product please ask for full specification catalogue**



**Ask for our Latest Power Tool Offer Leaflet**

### ● Ryobi Power Tools

Ryobi offer a comprehensive range of quality engineered power tools for site and workshop to meet the most demanding standards. All Ryobi machines come with a full 2 year warranty.



- Ryobi Cordless Drills, 12 - 24v
- Hammer/drill driver
- Multiple torque settings
- Die cast gear housings
- SDS fitting on 24v



- Drills
- Impact Drills
- Mixers
- SDS Plus Drills
- SDS Max Drills
- Concrete Hammers
- Screwdrivers
- Available in 110v or 240v



- Planer
- Belt Sander
- Palm Sanders
- Orbital Sanders
- Random Orbital Sanders
- 1/4" & 1/2" Routers



- 115mm & 230mm Angle Grinders
- Abrasive Chopsaws



**For full information on any Ryobi product please ask for full specification catalogue**



- Circular Saws
- Jigsaws
- Mitre Saws
- Recip Saws
- Band Saws
- Table Saws



### **Also Available:**

**Drill Presses & Pressure washers**



# Power Tools & Accessories

## Metabo Woodworking Machines Misc. Power Tools

10

### Metabo Woodworking Machines

Durable quality, sturdy design and innovative technology are distinctive marks that characterise all wood working machines from Metabo. Quality stamps awarded by independent test institutions confirm the high quality and safety standards of Metabo products year after year. With Metabo products you acquire a safe, reliable, efficient and environmentally friendly piece for the future. A small selection of what is on offer is listed below.

- Mitre saws
- Flip-over saws
- Crosscut saws
- Radial Pulsaws
- Table saws
- Panel saws
- Site saws

- Band saws
- Scroll saws
- Planing machines
- Thicknessers
- Spindle moulding machines



**For full information on any Metabo woodworking product please ask for full specification catalogue**

### Evolution Metal Cutting Saws & Magnetic Drills

- Metal Cutting circular saws
- For cutting Aluminium steel, stainless steel
- No sparks, heat or burr
- Full range of Magnetic Drills and accessories



### Metal Cutting Abrasive Chopsaws

- 350mm Abrasive disc or TCT blade
- Powerful industrial motors
- For fast cutting of metal sections



**Ask for our Latest Power Tool Offer Leaflet**

### • Numatic Vacuums and Dust Extractors



- Renowned quality
- Range of Industrial Vacuums
- Wet and dry cleaning models
- Quiet, powerful motors
- Powertool Dust extractors
- Hazardous Dust Extraction
- Full range of nozzles, dust bags and accessories

### Numatic Spares and accessories

ORDER CODE	SIZE REF	DESCRIPTION	QTY
V641-105	NVM - 1C	Dust Bag (Model 200 Type & Henry, or James)	10
V641-110	NVM - 2B	Dust Bag (Model 370 Type & Charles or George)	10
V641-115	NVM - 4B	Dust Bag (Model 900 Type)	10
V641-120	601023	3 Piece 32mm Stainless Tube Set	1
V641-125	601101	2.4m Nuflex Threaded Hose	1
V641-130	601139	300mm Combi Floor Nozzle	1
V641-135	607304	5 Piece Upholstery Kit	1

### • Surveying and Laser Measuring Equipment



- Range of laser levels for interior and outside site work
- Laser receivers
- Heavy duty tripods
- Measuring staffs
- Laser site squares and plumb lines
- Ask for our separate catalogue



- Leica Disto measurers for extremely accurate measurements 1.5mm/ 200m-upto  $\pm 1.5\text{mm}/200\text{m}$
- Telescopic sights
- Optical Site levels
- Theodolites
- Measuring staffs
- Tripods etc....



**Ask for our Latest  
Powertool Offer Leaflet**

### Broach

#### ● Broach Cobra Magnetic Drill

- Lightweight 17.8kg
- Cuts holes up to 65mm Ø x 50mm deep
- Variable speed, clutch and overload protection
- 1400w heavy duty motor
- 1200kg magnetic adhesion

ORDER CODE	SIZE REF	DESCRIPTION
V801-010	CM/200/1AX	110v Magnetic Drill

ORDER CODE	SIZE REF	DESCRIPTION
V801-030	CM/200/3AX	230v Magnetic Drill

#### ● Broach Puma Magnetic Drill

- Lightweight 11.3kg low profile machine designed for site work
- Cuts holes up to 30mm Ø x 25mm deep
- Movement detector & electronic overload protection
- 800w heavy duty motor
- 750kg magnetic adhesion

ORDER CODE	SIZE REF	DESCRIPTION
V801-131	CM/300/1A	110v Magnetic Drill

ORDER CODE	SIZE REF	DESCRIPTION
V801-133	CM/300/3A	230v Magnetic Drill

#### ● Broach Spare Parts - Arbors, etc

ORDER CODE	SIZE REF	DESCRIPTION	QTY
V821-199	SRA3057	Pilot Pin for SRC120 only	1
V821-200	SRA25	Short Rotabroach Pilot	1
V821-205	SRA50	Long Rotabroach Pilot	1
V821-210	RA3057	Pilot for RC120 only	1
V821-215	RA3013	Pilot for RCL120 only	1
V821-220	RA356	Pilot Long Series 18-52mm diameter	1
V821-225	RA359	Pilot Standard Series 13-18mm diameter	1
V821-230	RA3030	Pilot Long Series 13-17mm diameter	1
V821-235	RA3047	Pilot Standard Series 19-52mm diameter	1
V821-240	RD4066	Socket Set Screw	1
V821-245	RD4088	Tee Handle Hex Driver	1
V821-255	RD4329	Safety Strap	1

#### ● Broach Countersink Set

ORDER CODE	SIZE REF	DESCRIPTION	QTY
V821-300	RPCC100	Carbide Countersink body with pilot hole 90° angle, 3/4" shank fitting	1

#### ● Broach Cutting Fluid

ORDER CODE	SIZE REF	DESCRIPTION	QTY
V821-400	RD208	1 litre can	1







### ● Broach Standard Cutters

Standard Cutters will cut material up to 25mm thick.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
V831-120	SRC120	12mm	1
V831-130	SRC130	13mm	1
V831-140	SRC140	14mm	1
V831-150	SRC150	15mm	1
V831-160	SRC160	16mm	1
V831-170	SRC170	17mm	1
V831-180	SRC180	18mm	1
V831-190	SRC190	19mm	1
V831-200	SRC200	20mm	1
V831-210	SRC210	21mm	1
V831-220	SRC220	22mm	1
V831-230	SRC230	23mm	1
V831-240	SRC240	24mm	1
V831-250	SRC250	25mm	1
V831-260	SRC260	26mm	1
V831-270	SRC270	27mm	1
V831-280	SRC280	28mm	1
V831-290	SRC290	29mm	1
V831-300	SRC300	30mm	1
V831-310	SRC310	31mm	1
V831-320	SRC320	32mm	1

ORDER CODE	SIZE REF	DESCRIPTION	QTY
V831-330	SRC330	33mm	1
V831-340	SRC340	34mm	1
V831-350	SRC350	35mm	1
V831-360	SRC360	36mm	1
V831-370	SRC370	37mm	1
V831-380	SRC380	38mm	1
V831-390	SRC390	39mm	1
V831-400	SRC400	40mm	1
V831-410	SRC410	41mm	1
V831-420	SRC420	42mm	1
V831-430	SRC430	43mm	1
V831-440	SRC440	44mm	1
V831-450	SRC450	45mm	1
V831-460	SRC460	46mm	1
V831-470	SRC470	47mm	1
V831-480	SRC480	48mm	1
V831-490	SRC490	49mm	1
V831-500	SRC500	50mm	1
V831-510	SRC510	51mm	1
V831-520	SRC520	52mm	1

### ● Broach Long Cutters

Long Cutters will cut material up to 50mm thick.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
V841-120	SRCL120	12mm	1
V841-130	SRCL130	13mm	1
V841-140	SRCL140	14mm	1
V841-150	SRCL150	15mm	1
V841-160	SRCL160	16mm	1
V841-170	SRCL170	17mm	1
V841-180	SRCL180	18mm	1
V841-190	SRCL190	19mm	1
V841-200	SRCL200	20mm	1
V841-210	SRCL210	21mm	1
V841-220	SRCL220	22mm	1
V841-230	SRCL230	23mm	1
V841-240	SRCL240	24mm	1
V841-250	SRCL250	25mm	1
V841-260	SRCL260	26mm	1
V841-270	SRCL270	27mm	1
V841-280	SRCL280	28mm	1
V841-290	SRCL290	29mm	1
V841-300	SRCL300	30mm	1
V841-310	SRCL310	31mm	1
V841-320	SRCL320	32mm	1

ORDER CODE	SIZE REF	DESCRIPTION	QTY
V841-330	SRCL330	33mm	1
V841-340	SRCL340	34mm	1
V841-350	SRCL350	35mm	1
V841-360	SRCL360	36mm	1
V841-370	SRCL370	37mm	1
V841-380	SRCL380	38mm	1
V841-390	SRCL390	39mm	1
V841-400	SRCL400	40mm	1
V841-410	SRCL410	41mm	1
V841-420	SRCL420	42mm	1
V841-430	SRCL430	43mm	1
V841-440	SRCL440	44mm	1
V841-450	SRCL450	45mm	1
V841-460	SRCL460	46mm	1
V841-470	SRCL470	47mm	1
V841-480	SRCL480	48mm	1
V841-490	SRCL490	49mm	1
V841-500	SRCL500	50mm	1
V841-510	SRCL510	51mm	1
V841-520	SRCL520	52mm	1

### Broach Metric Mini-Cutters

Working on the same basic design and performance advantages as the standard Rotabroach cutters the mini cutters have the advantage that they can be used with a standard hand held electric drill. For holes in materials up to 8mm thick. Arbors fit 3/8" and 1/2" drill chucks.

ORDER CODE	SIZE REF	DIAMETER	QTY
V861-060	RCM060	6mm	1
V861-080	RCM080	8mm	1
V861-090	RCM090	9mm	1
V861-100	RCM100	10mm	1
V861-110	RCM110	11mm	1
V861-120	RCM120	12mm	1
V861-130	RCM130	13mm	1

ORDER CODE	SIZE REF	DIAMETER	QTY
V861-140	RCM140	14mm	1
V861-150	RCM150	15mm	1
V861-160	RCM160	16mm	1
V861-170	RCM170	17mm	1
V861-180	RCM180	18mm	1
V861-190	RCM190	19mm	1
V861-200	RCM200	20mm	1

For holes in materials up to 12mm thick. Arbors fit 1/2" drill chucks.

ORDER CODE	SIZE REF	DIAMETER	QTY
V861-060	RCM060	6mm	1
V861-080	RCM080	8mm	1
V861-090	RCM090	9mm	1
V861-100	RCM100	10mm	1
V861-110	RCM110	11mm	1
V861-120	RCM120	12mm	1
V861-130	RCM130	13mm	1

ORDER CODE	SIZE REF	DIAMETER	QTY
V861-140	RCM140	14mm	1
V861-150	RCM150	15mm	1
V861-160	RCM160	16mm	1
V861-170	RCM170	17mm	1
V861-180	RCM180	18mm	1
V861-190	RCM190	19mm	1
V861-200	RCM200	20mm	1

### Broach Imperial Mini-Cutters

For holes in materials up to 1/2" thick. Arbors fit 1/2" drill chucks.

ORDER CODE	SIZE REF	DIAMETER	QTY
V861-270	RCEM1062	1 1/16"	1
V861-286	RCEM1125	1 1/8"	1
V861-302	RCEM1187	1 3/16"	1

ORDER CODE	SIZE REF	DIAMETER	QTY
V861-317	RCEM1250	1 1/4"	1
V861-347	RCEM1375	1 3/8"	1
V861-381	RCEM1500	1 1/2"	1

### Broach Mini Kits in Plastic Case

Fits hand held drill. Spring loaded pilot guide for fast, accurate location. Arbor houses pilot guide and adjustable tension spring.

ORDER CODE	SIZE REF	DESCRIPTION
V861-603	RK603	RA116 Arbor, spare pilot, Hexagon 7 cutters: 8-10-12-14-16-18-20mm dia.

### Broach Mini-Cutter Accessories

ORDER CODE	SIZE REF	DESCRIPTION	QTY
V881-105	RA116	Arbor for 1/2" chuck	1
V881-110	RA117	Arbor for 3/8" chuck	1
V881-115	RA327	Pilot for RA116	1

ORDER CODE	SIZE REF	DESCRIPTION	QTY
V881-155	RA1180	Arbor 1/2" chuck 21mm+ Dia	1
V881-160	RA3063	Pilot for RA118	1





### Transformers

Manufactured to BS4343 with thermal overload cut out. Tough GRP Case supplied with 13 amp 240v plug. Please note, power ratings are for power tool's intermittent load.

ORDER CODE	SIZE REF	OUTLETS	RATINGS	KG	QTY
V901-071	T7501	1	750W	9kg	1
V901-101	T10001	1	1000W	11kg	1
V901-151	T15001	1	1500W	15kg	1
V901-152	T15002	2	1500W	15kg	1

ORDER CODE	SIZE REF	OUTLETS	RATINGS	KG	QTY
V901-222	T22502	2	2250W	17kg	1
V901-332	T33002	2	3300W	19kg	1
V901-503	T5003	3	5000W	36kg	1



### Cable Reels

ORDER CODE	SIZE REF	AMP	RATING	QTY
V911-101	10m (Plastic Case - Domestic)	6	240V	1
V911-152	15m (Plastic Case)	10	240V	1
V911-251	25m (80ft) Cable Reel	16	110V	1
V911-252	25m (80ft) Cable Reel	13	240V	1
V911-502	50m (160ft) Cable Reel	13	240V	1



### Trailing Leads

ORDER CODE	SIZE REF	RATING	QTY
V921-141	14m x 1.5mm 2 Lead with trailing socket	110V	1
V921-142	14m x 2.5mm 2 Lead with trailing socket	110V	1



### Spider Box

ORDER CODE	SIZE REF	RATING	QTY
V921-204	Spider Box (4 way coupler)	110V	1



### Fuses

ORDER CODE	SIZE REF	QTY
V921-303	3 Amp	10
V921-305	5 Amp	10

ORDER CODE	SIZE REF	QTY
V921-313	13 Amp	10





# Power Tools & Accessories

## Site Lighting, Plugs & Cable

10

### Site Lighting

ORDER CODE	SIZE REF	DESCRIPTION	RATING	QTY
V921-324	4ft	Uplighter Light Stand	110v	1
V921-332	2ft	Fluorescent Light	110v	1
V921-334	4ft	Fluorescent Light	110v	1
V921-405		500W Tripod Site Light	110V	1

ORDER CODE	SIZE REF	DESCRIPTION	RATING	QTY
V921-410		500W Floor Site Light	110V	1
V921-425		2x500W Double Tripod Light	110v	1
V921-435		500W Folding Tripod Light	110v	1



### Festoon Lighting

ORDER CODE	SIZE REF	DESCRIPTION	QTY
V921-450	22M	110v BC Festoon Lighting Kit c/w Bulbs & Guards	1
V921-455	100M	110v BC Festoon Lighting String (3M spacing)	1
V921-460		Festoon Lighting Guards	1
V921-490	5M	110v 'Gripper' Inspection Lamp	1



### Bulbs

ORDER CODE	SIZE REF	DESCRIPTION	RATING	QTY
V922-415	500W	Halogen Bulb	110v	1
V922-420	500W	Halogen Bulb	240v	1
V922-440	60W	Bayonet GLS Bulb	110v	1

ORDER CODE	SIZE REF	DESCRIPTION	RATING	QTY
V922-445	60W	Eddison Screw GLS Bulb	110v	1



### Plugs & Sockets

ORDER CODE	SIZE REF	DESCRIPTION	RATING	QTY
V922-500	13A	RCD Plug	240v	1
V922-505	16A	Plug BS4343	110v	1
V922-510	16A	Coupler BS4343	110v	1
V922-511	32A	Plug	110v	1
V922-512	32A	Coupler	110v	1

ORDER CODE	SIZE REF	DESCRIPTION	RATING	QTY
V922-515	13A	Rubber Plug	240v	1
V922-520	13A	Rubber Socket	240v	1
V922-525	16A	Blue Plug	240v	1
V922-530	16A	Blue Coupler	240v	1



### Arctic Cable

Our Arctic cable is an industrially rated cable suitable for extremely low temperatures such as on construction sites. Standard reels are 100m long although shorter lengths can be supplied.

ORDER CODE	SIZE REF	CORE	RATING	QTY
V922-605	1.5mm <sup>2</sup>	Yellow	3 - 40°C	100m
V922-610	1.5mm <sup>2</sup>	Blue	3 - 40°C	100m

ORDER CODE	SIZE REF	CORE	RATING	QTY
V922-615	2.5mm <sup>2</sup>	Yellow	3 - 40°C	100m
V922-620	2.5mm <sup>2</sup>	Blue	3 - 40°C	100m



### Geared Chucks & Chuck Keys

ORDER CODE	SIZE REF	QTY
V941-105	10mm Geared Chuck & Key	1
V941-110	13mm Geared Chuck & Key	1
V941-115	16mm Geared Chuck & Key	1
V941-202	S2 Key for 10mm & 13mm Chucks	1

ORDER CODE	SIZE REF	QTY
V941-203	S3 Key for 16mm Chucks	1
V941-214	S14 Chuck Key (for certain cordless machines)	1

### Keyless Chucks

ORDER CODE	SIZE REF	QTY
V941-305	13mm Keyless for Rotary Cordless only	1
V941-310	13mm Keyless Impact Chuck	1
V941-315	13mm Keyless Heavy Duty Impact & Rotary Drills	1

ORDER CODE	SIZE REF	QTY
V941-356	Metabo Quick Change Chuck for BHE 22-28	1
V941-360	Metabo Quick Change Chuck for KHE 32	1

### SDS Chuck Adaptors

ORDER CODE	SIZE REF	QTY
V941-505	Metabo 31285 SDS to 1/2" x 20 thread c/w 1/4 hex bit recess	1

ORDER CODE	SIZE REF	QTY
V941-510	Universal SDS to 1/2" x 20 thread	1

### Angle Drill Adaptor

A very useful tool for drilling in awkward places especially between joists etc.  
Fits most standard rotary drills with a 43mm collar.

ORDER CODE	SIZE REF	QTY
V951-105	Metabo 27078 1/2" x 20 Chuck Mount	1

### Flexible Shaft

ORDER CODE	SIZE REF	QTY
V951-205	Metabo 27608 1.2 - 6mm cap chuck	1

### Stirrer Paddles

ORDER CODE	SIZE REF	QTY
V951-305	600mm long Hex shank	1
V951-310	600mm long M14 thread	1



# Drilling, Cutting & Driving Tools





### • Rotary Impact Drills

These masonry drills are designed for use in a 3-jaw chuck in traditional percussion drills, and are manufactured to the highest quality to achieve both accuracy and prolonged working life.

ORDER CODE	SIZE REF	OLD N° SIZE	QTY
W011-137	4.0 x 75		1
W011-242	5.0 x 85	(No. 8)	1
W011-260	5.0 x 150		1
W011-291	5.5 x 85	(No. 10)	1
W011-292	5.5 x 150		1
W011-350	6.0 x 100	(No. 11)	1
W011-360	6.0 x 150		1
W011-382	6.0 x 400		1
W011-385	6.0 x 600		1
W011-391	6.5 x 100	(No. 12)	1
W011-392	6.5 x 150		1
W011-395	7.0 x 100	(No. 14)	1
W011-396	7.0 x 150		1
W011-454	8.0 x 120	(No. 16)	1
W011-460	8.0 x 150		1
W011-470	8.0 x 200		1
W011-482	8.0 x 400		1
W011-485	8.0 x 600		1
W011-489	8.0 x 1000		1
W011-560	10.0 x 150		1

ORDER CODE	SIZE REF	OLD N° SIZE	QTY
W011-570	10.0 x 200		1
W011-582	10.0 x 400		1
W011-585	10.0 x 600		1
W011-589	10.0 x 1000		1
W011-660	12.0 x 150		1
W011-682	12.0 x 400		1
W011-685	12.0 x 600		1
W011-689	12.0 x 1000		1
W011-691	14.0 x 150		1
W011-693	14.0 x 400		1
W011-762	16.0 x 160		1
W011-782	16.0 x 400		1
W011-785	16.0 x 600		1
W011-789	16.0 x 1000		1
W011-794	18.0 x 400		1
W011-862	20.0 x 160		1
W011-882	20.0 x 400		1
W011-905	22.0 x 400		1
W011-925	25.0 x 400		1

### • Multi-Purpose Cordless Drill Bits

A specialist rotary drill bit for a wide variety of materials such as: masonry, tiles (even porcelain with water), wood, chipboard, metal and plastics. Ideal for use with non-hammer action cordless drills when drilling masonry.

\* Note - do not use on percussion/hammer action.

ORDER CODE	SIZE REF	QTY
W021-140	4.0 x 80	1
W021-245	5.0 x 90	1
W021-247	5.5 x 95	1
W021-292	5.5 x 160	1
W021-391	6.5 x 105	1

ORDER CODE	SIZE REF	QTY
W021-394	7.0 x 110	1
W021-396	7.0 x 160	1
W021-454	8.0 x 120	1
W021-554	10.0 x 140	1
W021-660	12.0 x 160	1

### • Porcelain Tile Cutter Drills

Specifically designed for porcelain, glass and ceramics these drills have a diamond ground precision tip file to eliminate wander and slip at the start of drilling.

\* Note - do not use on percussion or hammer action.

ORDER CODE	SIZE REF	QTY
W022-050	PTC 5.0	1
W022-060	PTC 6.0	1
W022-065	PTC 6.5	1

ORDER CODE	SIZE REF	QTY
W022-070	PTC 7.0	1
W022-080	PTC 8.0	1

### • Porcelain Tile Diamond Crowns

These specialist cores are designed for drilling holes in problem materials such as porcelain, marble or granite. They must be used in conjunction with a water feed coolant system as shown and provide exceptional durability and tool life. System must be used with PTC 8.0 (W022-080) pilot drill.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
W023-019	19mm	PTC Diamond Crown	1
W023-026	26mm	PTC Diamond Crown	1
W023-036	36mm	PTC Diamond Crown	1
W023-044	44mm	PTC Diamond Crown	1
W023-058	58mm	PTC Diamond Crown	1

ORDER CODE	SIZE REF	DESCRIPTION	QTY
W023-080	80mm	PTC Diamond Crown	1
W023-117	117mm	PTC Diamond Crown	1
W023-200	PTC	Water Feed Adaptor	1
W023-250	PTC	Water Feed Sprayer Unit	1

### ● SDS Plus Hammer Drill Bits

Our top quality SDS plus drill bits give you the best in both performance and life. They are engineered to exacting standards to produce a drill bit that gives the professional user what they need, even in arduous conditions. SDS Plus\* suits most small ROTARY HAMMERS from the following makes up to 26mm drilling capacity, but please ensure compatibility for your model at time of ordering.

AEG, ATLAS-COPCO, BOSCH, BLACK & DECKER, DEWALT, HILTI, HITACHI, KANGO, METABO, RYOBI MAKITA, SKIL.

ORDER CODE	SIZE REF	QTY	ORDER CODE	SIZE REF	QTY
W031-152	4 x 110	1	W031-683	12 x 460	1
W031-162	4 x 160	1	W031-685	12 x 600	1
W031-252	5 x 110	1	W031-689	12 x 1000	1
W031-262	5 x 160	1	W031-691	13 x 160	1
W031-291	5.5 x 110	1	W031-693	13 x 260	1
W031-292	5.5 x 160	1	W031-695	14 x 160	1
W031-293	5.5 x 210	1	W031-696	14 x 210	1
W031-294	5.5 x 260	1	W031-697	14 x 310	1
W031-352	6 x 110	1	W031-698	14 x 460	1
W031-362	6 x 160	1	W031-701	15 x 160	1
W031-376	6 x 260	1	W031-703	15 x 260	1
W031-383	6 x 460	1	W031-762	16 x 160	1
W031-392	6.5 x 160	1	W031-771	16 x 210	1
W031-394	7 x 110	1	W031-780	16 x 300	1
W031-395	7 x 160	1	W031-783	16 x 450	1
W031-396	7 x 210	1	W031-785	16 x 600	1
W031-452	8 x 110	1	W031-789	16 x 1000	1
W031-462	8 x 160	1	W031-791	18 x 200	1
W031-471	8 x 210	1	W031-792	18 x 300	1
W031-476	8 x 260	1	W031-793	18 x 450	1
W031-483	8 x 460	1	W031-870	20 x 200	1
W031-485	8 x 610	1	W031-880	20 x 300	1
W031-562	10 x 160	1	W031-883	20 x 450	1
W031-571	10 x 210	1	W031-885	20 x 600	1
W031-576	10 x 260	1	W031-889	20 x 1000	1
W031-580	10 x 310	1	W031-903	22 x 250	1
W031-583	10 x 460	1	W031-904	22 x 300	1
W031-585	10 x 610	1	W031-905	22 x 450	1
W031-589	10 x 1000	1	W031-913	24 x 250	1
W031-591	11 x 160	1	W031-923	25 x 250	1
W031-593	11 x 260	1	W031-924	25 x 300	1
W031-662	12 x 160	1	W031-925	25 x 450	1
W031-671	12 x 210	1	W031-928	25 x 1000	1
W031-676	12 x 260	1	W031-933	26 x 250	1
W031-680	12 x 310	1	W031-935	26 x 450	1

Deduct 50mm from total length for working length. Pre Drill with a short drill bit of the same diameter to a depth of at least 150mm for all the bits of 400mm or above.



**For a full range of power Tools please enquire with our sales staff**

### • 4-Cut SDS Plus Hammer Bits

The 4-cut head design with two extra tips gives higher performance, longer life and smoother running, leading to less operator fatigue and longer machine life.

ORDER CODE	SIZE REF	QTY	ORDER CODE	SIZE REF	QTY
W041-775	16.0 x 250	1	W041-913	24.0 x 250	1
W041-783	16.0 x 450	1	W041-915	24.0 x 450	1
W041-791	18.0 x 250	1	W041-923	25.0 x 250	1
W041-792	18.0 x 450	1	W041-925	25.0 x 450	1
W041-875	20.0 x 250	1	W041-943	28.0 x 250	1
W041-883	20.0 x 450	1	W041-945	28.0 x 450	1
W041-903	22.0 x 250	1	W041-953	30.0 x 250	1
W041-905	22.0 x 450	1	W041-955	30.0 x 450	1

Deduct 50mm from total length for working length. Pre Drill with a short drill bit of the same diameter to a depth of at least 150mm for all the bits of 400mm or above.

### • Diager "Booster Plus" SDS Hammer Bits

The Diager 'Booster Plus' Hammer Bit is designed with a unique pointed tip, giving 3 cutting edges and a 3 flute design for a truly exceptional performance of up to 30% faster than standard 'single tipped' bits. The carbide cutting profile is self-sharpening giving an increased lifetime of up to 5 times.

ORDER CODE	SIZE REF	QTY	ORDER CODE	SIZE REF	QTY
W043-352	6.0 x 110	5	W043-480	8.0 x 310	10
W043-362	6.0 x 160	5	W043-562	10.0 x 160	5
W043-371	6.0 x 210	5	W043-571	10.0 x 210	5
W043-391	6.5 x 110	5	W043-580	10.0 x 310	10
W043-392	6.5 x 160	5	W043-662	12.0 x 160	5
W043-394	7.0 x 110	5	W043-671	12.0 x 210	5
W043-395	7.0 x 160	5	W043-680	12.0 x 310	10
W043-396	7.0 x 210	5	W043-695	14.0 x 160	5
W043-452	8.0 x 110	5	W043-695	14.0 x 160	5
W043-462	8.0 x 160	5	W043-696	14.0 x 210	5
W043-471	8.0 x 210	5	W043-697	14.0 x 310	10

### • SDS Snaplock Adaptors

SDS Snaplock adaptors are available to convert many machines to take SDS hammer bits.

ORDER CODE	SIZE REF	ADAPTOR	QTY
W051-001 MX/SDS		SDS Max to SDS Plus	1

### • R1 - Rebar Cutters

These specialist rebar cutters are designed for overcoming the problems encountered when drilling in reinforced concrete. Once you have drilled to the rebar with your SDS drill, simply remove bit and drill through the rebar with the rebar drill. Once you are through the rebar continue drilling with your standard drill bit. This system requires water cooling and must be used with water feed adaptor shown.

**\* Note - Always check with site engineer/architect before cutting through any rebar.**

ORDER CODE	SIZE REF	QTY	ORDER CODE	SIZE REF	DESCRIPTION	QTY
W052-006	CR12	1	W052-090	SDS Plus	Water Feed/ Drive Adaptor	1
W052-007	CR14	1	W052-092	200mm	Extension Rod	1
W052-008	CR16	1	W052-095		Thread Converter (Required for 12 & 14mm cutters)	1
W052-009	CR18	1				
W052-010	CR20	1				
W052-012	CR25	1				



# Drilling, Cutting & Driving Tools

## SDS Hammer Drill Bits & Accessories

11

### • SDS Max Hammer Bits

SDS Max - This driving system for larger hammer machines is becoming popular and we now include the range below. These drills are supplied as quadro four-cutter head design for enhanced efficiency.

\* Note - Most popular sizes in stock, others quickly available to order.

ORDER CODE	SIZE REF	QTY	ORDER CODE	SIZE REF	QTY
W061-680	12 x 340	1	W061-929	25 x 1320	1
W061-691	14 x 340	1	W061-936	26 x 520	1
W061-780	16 x 340	1	W061-954	30 x 370	1
W061-784	16 x 540	1	W061-966	32 x 570	1
W061-791	18 x 340	1	W061-969	32 x 1320	1
W061-880	20 x 320	1	W061-976	35 x 570	1
W061-884	20 x 520	1	W061-986	38 x 570	1
W061-899	20 x 1320	1	W061-987	40 x 570	1
W061-904	22 x 320	1	W061-988	40 x 920	1
W061-914	24 x 320	1	W061-995	45 x 570	1
W061-924	25 x 320	1	W061-996	52 x 570	1
W061-925	25 x 520	1			



### • Heavy Duty Core Drills

Most suited for use in larger SDS max machines these highly durable core drills have proved very popular over the years.

ORDER CODE	SIZE REF	DESCRIPTION	QTY	ORDER CODE	SIZE REF	DESCRIPTION	QTY
W071-035	35mm	Core Drill Body Only	1	W071-250	100mm	Hexagon Rods (for Chuck)	1
W071-040	40mm	Core Drill Body Only	1	W071-275	250mm	Hexagon Rods (for Chuck)	1
W071-045	45mm	Core Drill Body Only	1	W071-301		Pilot Drill ("A" Taper)	1
W071-050	50mm	Core Drill Body Only	1	W071-302		Drift	1
W071-065	65mm	Core Drill Body Only	1	W071-450	100mm	K-Taper Drive Adaptor	1
W071-080	80mm	Core Drill Body Only	1	W071-475	250mm	K-Taper Extension Rod	1
W071-100	100mm	Core Drill Body Only	1	W071-482	400mm	K-Taper Extension Rod	1
W071-175	250mm	SDS Max Integral Shank Adaptors	1	W071-505		SDS Plus K-Taper Drill Holder	1
W071-183	470mm	SDS Max Integral Shank Adaptors	1	W071-510		SDS Max K-Taper Drill Holder	1



**For Diamond Core Drills see page 215**

Competitive Trade Prices

195

### • SDS Light Duty Core Drills

Suitable for use in SDS drilling machines or percussion drills, for drilling brick, breeze block and stone. Adaptors and Core Bodies are threaded for rapid interchangeability. Adaptor fits directly into SDS machine or into drill chuck. Ball bearing locking pilot drill.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
W081-030	30mm	Light duty body only	1
W081-040	40mm	Light duty body only	1
W081-045	45mm	Light duty body only	1
W081-050	50mm	Light duty body only	1
W081-066	66mm	Light duty body only	1

ORDER CODE	SIZE REF	DESCRIPTION	QTY
W081-160	100mm	Adaptor (SDS Fitting)	1
W081-180	300mm	Adaptor (SDS Fitting)	1
W081-275	300mm	Adaptor (Hex Fitting)	1
W081-301	7mm	Pilot Drill	1

### • Specialist Application SDS Plus Chisels

Our range of specialist application chisels are designed to perform awkward and slow chiselling applications in the easiest way possible. All SDS plus fitting.

- Carbide tipped raking chisels swiftly chase any hard masonry material
- Tile/ Plaster chisel for rapid removal of tiles or plaster
- Brick Remover for removing single brick tidily
- Mortar Rake Chisel for rapid removal of mortar from joints
- EBS Chisels for chasing out channels in brick and block to run pipes/ cables. Extended chisel is ideal for chasing behind skirting.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
W082-115	30mm	Carbide Tipped Chasing Chisel	1
W082-127	55mm	Carbide Tipped Chasing Chisel	1
W082-240	80mm	Tile/ Plaster Remover Chisel	1
W082-250	230mm	Brick Remover Chisel	1
W082-290	175mm	Motor Rake Chisel	1
W082-310	20 x 310mm	EBS Extended Channelling Chisel	1
W082-315	30 x 225mm	EBS Channelling Chisel	1
W082-327	55 x 225mm	EBS Channelling Chisel	1



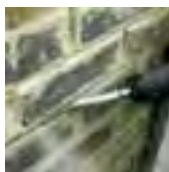
W082-127



W082-240



W082-250



W082-290



W082-310



W082-327

### • SDS Hammer Chisels & Points

ORDER CODE	SIZE REF	DESCRIPTION	QTY
W091-105	250 x 20mm	Flat Point Chisel	1
W091-110	250mm	Point Chisel	1

ORDER CODE	SIZE REF	DESCRIPTION	QTY
W091-115	200 x 40mm	Scaling Chisel	1

### • SDS Max Chisels & Points

ORDER CODE	SIZE REF	DESCRIPTION	QTY
W091-205	360mm	Point	1
W091-210	360 x 25mm	Chisel	1
W091-215	400 x 50mm	Scaling Chisel	1

ORDER CODE	SIZE REF	DESCRIPTION	QTY
W091-220	300 x 80mm	Scaling Chisel	1
W091-225	300 x 25mm	Chasing Gouge	1

### • Electrical Box Sinker - EBS

This new EBS electrical box sinker will save you time and money when sinking electrical boxes into both block and brick. A single box can be placed in under 3 minutes in breeze block. EBS is designed for use with an SDS-plus hammer drill with rotation stop and can be used for single and double switch boxes. The EBS also pre-drills the fixing hole in the same operation.

ORDER CODE	DESCRIPTION	QTY
W101-100	EBS HM SET Complete Round & Square Cutter & Chisel	1
W101-110	EBS SUPER SET c/w Round Cutter, Sq Cutter, Dbl Sq Cutter, 80mm H/M Chisel, 30mm Channelling Chisel	1
W101-120	EBS DOUBLE BOX Double Sq Cutter c/w Adaptor & Template	1
W101-130	EBS DFXT ASSY Dust Extraction Assembly	1
W101-205	Replacement round hole borer c/w Adaptor	1
W101-210	Replacement Square Cutter c/w Adaptor	1
W101-215	Adaptor/ Pilot for Sq EBS	1
W101-220	Adaptor/ Pilot for Rnd EBS	1



### • Solid Board Cutter - SBC

This is a specially designed hole cutter for producing 110mm access holes in solid timber or chipboard floors. Using the SBC Cutter a hole is drilled in the floor and then a solid removable plug, which lies flush with the floor, is inserted. The Solid Board cutter is supplied individually and can be used with standard holesaw arbors.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
W102-005	SBC Plug Set	SBC Cutter & 3 Plugs	1
W102-110	110mm	SBC Replacement Plugs	10







### • HSS Roll Forged Jobber Drills - Metric

These quality performance twist drills are for general purpose applications in steel, iron, non-ferrous metals and hardened plastics.

ORDER CODE	SIZE REF	QTY
W111-010	1.0 mm	10
W111-015	1.5 mm	10
W111-016	1.6 mm	10
W111-020	2.0 mm	10
W111-025	2.5 mm	10
W111-028	2.8 mm	10
W111-029	2.9 mm	10
W111-030	3.0 mm	10
W111-032	3.2 mm	10
W111-033	3.3 mm	10
W111-034	3.4 mm	10
W111-035	3.5 mm	10
W111-038	3.8 mm	10
W111-040	4.0 mm	10
W111-041	4.1 mm	10
W111-042	4.2 mm	10
W111-044	4.4 mm	10
W111-045	4.5 mm	10
W111-048	4.8 mm	10
W111-049	4.9 mm	10
W111-050	5.0 mm	10

ORDER CODE	SIZE REF	QTY
W111-051	5.1 mm	10
W111-055	5.5 mm	10
W111-058	5.8 mm	10
W111-059	5.9 mm	10
W111-060	6.0 mm	10
W111-063	6.3 mm	10
W111-065	6.5 mm	10
W111-068	6.8 mm	10
W111-070	7.0 mm	10
W111-075	7.5 mm	10
W111-080	8.0 mm	5
W111-085	8.5 mm	5
W111-090	9.0 mm	5
W111-095	9.5 mm	5
W111-100	10.0 mm	5
W111-105	10.5 mm	5
W111-110	11.0 mm	5
W111-115	11.5 mm	5
W111-120	12.0 mm	5
W111-125	12.5 mm	5
W111-130	13.0 mm	5

For sizes not shown see HSS-G Drill bits

### • HSS-G Ground Point Jobber Drills - Metric

These are our premium ground point long life drills. They are made for engineering use or any other heavy duty applications. They offer fast drilling with reduced pressure and will spot drill without pre-centring. Suitable for use in steel iron, non-ferrous metals and hardened plasters.



**For HSS twist drill sets see page 200**

ORDER CODE	SIZE REF	QTY
W121-010	1.0 mm	10
W121-015	1.5 mm	10
W121-016	1.6 mm	10
W121-020	2.0 mm	10
W121-025	2.5 mm	10
W121-028	2.8 mm	10
W121-029	2.9 mm	10
W121-030	3.0 mm	10
W121-032	3.2 mm	10
W121-033	3.3 mm	10
W121-034	3.4 mm	10
W121-035	3.5 mm	10
W121-038	3.8 mm	10
W121-039	3.9 mm	10
W121-040	4.0 mm	10
W121-041	4.1 mm	10
W121-042	4.2 mm	10
W121-044	4.4 mm	10
W121-045	4.5 mm	10
W121-048	4.8 mm	10
W121-049	4.9 mm	10
W121-050	5.0 mm	10
W121-051	5.1 mm	10
W121-053	5.3 mm	10

ORDER CODE	SIZE REF	QTY
W121-055	5.5 mm	10
W121-058	5.8 mm	10
W121-059	5.9 mm	10
W121-060	6.0 mm	10
W121-061	6.1 mm	10
W121-063	6.3 mm	10
W121-065	6.5 mm	10
W121-068	6.8 mm	10
W121-070	7.0 mm	10
W121-072	7.2 mm	10
W121-075	7.5 mm	10
W121-080	8.0 mm	5
W121-085	8.5 mm	5
W121-090	9.0 mm	5
W121-095	9.5 mm	5
W121-100	10.0 mm	5
W121-102	10.2 mm	5
W121-103	10.3 mm	5
W121-105	10.5 mm	5
W121-110	11.0 mm	5
W121-115	11.5 mm	5
W121-120	12.0 mm	5
W121-125	12.5 mm	5
W121-130	13.0 mm	5

### • HSS Jobber Drills - Imperial

ORDER CODE	SIZE REF	QTY
W131-016	1/16	10
W131-020	5/64	10
W131-024	3/32	10
W131-028	7/64	10
W131-032	1/8	10
W131-036	9/64	10
W131-040	5/32	10
W131-048	3/16	10

ORDER CODE	SIZE REF	QTY
W131-052	13/64	10
W131-056	7/32	10
W131-063	1/4	10
W131-067	17/64	10
W131-080	5/16	10
W131-095	3/8	5
W131-111	7/16	5
W131-127	1/2	5

### • HSS Stubb Drills - Metric

Stubb drills are short drills designed for sheet metal work etc.

ORDER CODE	SIZE REF	QTY
W141-033	3.3 mm	10
W141-041	4.1 mm	10
W141-049	4.9 mm	10

ORDER CODE	SIZE REF	QTY
W141-050	5.0 mm	10
W141-051	5.1 mm	10
W141-060	6.0 mm	10

### • HSS Blacksmiths Drills (1/2" shank)

ORDER CODE	SIZE REF	TOTAL LENGTH	QTY
W151-135	13.5mm	160	1
W151-140	14.0mm	160	1
W151-150	15.0mm	169	1
W151-160	16.0mm	178	1
W151-165	16.5mm	184	1
W151-170	17.0mm	184	1

ORDER CODE	SIZE REF	TOTAL LENGTH	QTY
W151-180	18.0mm	191	1
W151-190	19.0mm	198	1
W151-200	20.0mm	205	1
W151-220	22.0mm	230	1
W151-250	25.0mm	250	1

### • HSS Long Series Drills

ORDER CODE	SIZE REF	TOTAL LENGTH	QTY
W161-030	3.0mm	100	10
W161-035	3.5mm	112	10
W161-040	4.0mm	119	10
W161-045	4.5mm	126	10
W161-048	4.8mm	132	10

ORDER CODE	SIZE REF	TOTAL LENGTH	QTY
W161-050	5.0mm	132	10
W161-058	5.8mm	139	10
W161-060	6.0mm	139	10
W161-070	7.0mm	156	5
W161-080	8.0mm	165	5
W161-090	9.0mm	175	5

### • HSS Extra Long Series Drill

ORDER CODE	SIZE REF	TOTAL LENGTH	QTY
W161-940	4.0mm	220	1
W161-950	5.0mm	245	1
W161-958	5.8mm	200	1
W161-960	6.0mm	260	1

ORDER CODE	SIZE REF	TOTAL LENGTH	QTY
W161-980	8.0mm	305	1
W161-991	10.0mm	340	1
W161-992	12.0mm	480	1



**For Cutting Fluids see page 237**



W200-020



W200-025

### • Cobalt HD HSS Drill Bits

- Drills quickly with reduced drilling pressure
- Pre-centring not required
- Ideally suited for portable drilling machine

- Gives improved results in Stainless Steel over ordinary HSS drills

ORDER CODE	SIZE REF	QTY
W171-025	2.5 mm	10
W171-030	3.0 mm	10
W171-032	3.2 mm	10
W171-033	3.3 mm	10
W171-035	3.5 mm	10
W171-040	4.0 mm	10
W171-042	4.2 mm	10
W171-045	4.5 mm	10

ORDER CODE	SIZE REF	QTY
W171-050	5.0 mm	10
W171-055	5.5 mm	10
W171-060	6.0 mm	10
W171-065	6.5 mm	10
W171-070	7.0 mm	10
W171-080	8.0 mm	5
W171-100	10.0 mm	5


### • Metal Cased HSS Drill Sets

ORDER CODE	SIZE REF	SIZE/RANGE	QTY
W181-215	IMP - 15	1/16 - 1/2	15
W181-319	M19	1.0 - 10mm	19

ORDER CODE	SIZE REF	SIZE/RANGE	QTY
W181-325	M25	1.0 - 13mm	25

### • Snappy Countersinks & Plug Cutters

These Trend Snappy HSS countersinks are designed for piloting and countersinking woodscrews in one quick operation. If the screw needs covering with a plug or pellet you can just drill deeper and cut suitable plugs using the relevant size plug cutter.

ORDER CODE	SIZE REF	SUITABLE FOR SCREW GAUGE SOFTWOOD	HARDWOOD	PILOT DRILL SIZE	SUITABLE PLUG CUTTER	 QTY
W200-008	SNAP/CS/8	8g	6g	2.75mm	SNAP/PC/38	1
W200-010	SNAP/CS/10	10g	8g	3.25mm	SNAP/PC/38	1
W200-012	SNAP/CS/12	12g	10g	3.5mm	SNAP/PC/12	1
W200-020	SNAP/PC/38	Snappy plug Cutter				1
W200-025	SNAP/PC/12	Snappy plug Cutter				1

### Hexibits

A unique range of power tool accessories with 1/4 hex shanks which are identical to those used on screwdriver insert bits. This enables them to be used with cordless screwdrivers etc. for rapid changing from size to size or in a standard 3 jaw chuck. Made from High Speed Steel.

#### • Hexibit Metal Countersink 3-Flute 90°

ORDER CODE	SIZE REF	DIAMETER	QTY
W201-106	XCM06	6.3mm	1
W201-108	XCM08	8.3mm	1
W201-110	XCM10	10.4mm	1

ORDER CODE	SIZE REF	DIAMETER	QTY
W201-112	XCM12	12.4mm	1
W201-116	XCM16	16.5mm	1
W201-120	XCM20	20.5mm	1

#### • Hexibit Wood Countersink 5-Flute 90°

ORDER CODE	SIZE REF	DIAMETER	QTY
W201-210	XCW10	Up to 5.0 (10g)	1

ORDER CODE	SIZE REF	DIAMETER	QTY
W201-215	XCW15	Up to 8.0 (16g)	1

#### • Hexibit Taps

ORDER CODE	SIZE REF	DIAMETER	QTY
W201-303	XTAP	M3.5	1
W201-304	XTAP	M4	1
W201-305	XTAP	M5	1

ORDER CODE	SIZE REF	DIAMETER	QTY
W201-306	XTAP	M6	1
W201-308	XTAP	M8	1



# Drilling, Cutting & Driving Tools

## Metric Taps & Tapwrenches

11

### Metric High Speed Ground Thread Taps

Metric tap sets include 1 x Taper, 1 x second and 1 x bottom tap.

#### • Metric Coarse - Straight Flute

ORDER CODE	SIZE REF	DESCRIPTION	QTY	ORDER CODE	SIZE REF	DESCRIPTION	QTY
W261-051	M3 x 0.50	Taper Tap	1	W261-403	M8 x 1.25	Bottom Tap	1
W261-052	M3 x 0.50	Second Tap	1	W261-404	M8 x 1.25	Tap Set	1
W261-053	M3 x 0.50	Bottom Tap	1	W261-501	M10 x 1.50	Taper Tap	1
W261-054	M3 x 0.50	Tap Set	1	W261-502	M10 x 1.50	Second Tap	1
W261-071	M3.5 x 0.60	Taper Tap	1	W261-503	M10 x 1.50	Bottom Tap	1
W261-072	M3.5 x 0.60	Second Tap	1	W261-504	M10 x 1.50	Tap Set	1
W261-073	M3.5 x 0.60	Bottom Tap	1	W261-601	M12 x 1.75	Taper Tap	1
W261-074	M3.5 x 0.60	Tap Set	1	W261-602	M12 x 1.75	Second Tap	1
W261-101	M4 x 0.70	Taper Tap	1	W261-603	M12 x 1.75	Bottom Tap	1
W261-102	M4 x 0.70	Second Tap	1	W261-604	M12 x 1.75	Tap Set	1
W261-103	M4 x 0.70	Bottom Tap	1	W261-701	M16 x 2.00	Taper Tap	1
W261-104	M4 x 0.70	Tap Set	1	W261-702	M16 x 2.00	Second Tap	1
W261-201	M5 x 0.80	Taper Tap	1	W261-703	M16 x 2.00	Bottom Tap	1
W261-202	M5 x 0.80	Second Tap	1	W261-704	M16 x 2.00	Tap Set	1
W261-203	M5 x 0.80	Bottom Tap	1	W261-801	M20 x 2.50	Taper Tap	1
W261-204	M5 x 0.80	Tap Set	1	W261-802	M20 x 2.50	Second Tap	1
W261-301	M6 x 1.00	Taper Tap	1	W261-803	M20 x 2.50	Bottom Tap	1
W261-302	M6 x 1.00	Second Tap	1	W261-804	M20 x 2.50	Tap Set	1
W261-303	M6 x 1.00	Bottom Tap	1	W261-921	M24 x 3.00	Taper Tap	1
W261-304	M6 x 1.00	Tap Set	1	W261-922	M24 x 3.00	Second Tap	1
W261-401	M8 x 1.25	Taper Tap	1	W261-923	M24 x 3.00	Bottom Tap	1
W261-402	M8 x 1.25	Second Tap	1	W261-924	M24 x 3.00	Tap Set	1

#### • All Steel Adjustable Tapwrenches

High Quality - Precision made in the UK.

ORDER CODE	SIZE REF	TO SUIT TAPS	QTY	ORDER CODE	SIZE REF	TO SUIT TAPS	QTY
W271-001	TWA1	M3 - M6	1	W271-003	TWA3	M6 - M24	1
W271-002	TWA2	M5 - M14	1				

#### • Ratchet - Tapwrench T-type

ORDER CODE	SIZE REF	TO SUIT TAPS	QTY	ORDER CODE	SIZE REF	TO SUIT TAPS	QTY
W271-201	TWR1	M5-M6	1	W271-202	TWR2	M8-M20	1

#### • Handiburr Rethreaders

Handiburr Rethreaders are based on a High Speed Steel Tap permanently fitted with a handle. They are designed principally for cleaning out the fixing holes in socket-switch or conduit-boxes, as these often have malformed threads or are blocked by plaster or cement.

ORDER CODE	SIZE REF	DIAMETER	QTY	ORDER CODE	SIZE REF	DIAMETER	QTY
W291-010	HB 10	M3 x 0.5	1	W291-013	HB 13	M5 x 0.8	1
W291-011	HB 11	M3.5 x 0.6	1	W291-014	HB 14	M6 x 1.0	1
W291-012	HB 12	M4 x 0.7	1				



Drilling, Cutting & Driving Tools

### • HSS Split Circular Dies - Metric Coarse



ORDER CODE	SIZE REF	OUTSIDE DIAMETER	QTY
W301-101	M4 x 0.70	1 <sup>3</sup> / <sub>16</sub>	1
W301-201	M5 x 0.80	1 <sup>3</sup> / <sub>16</sub>	1
W301-301	M6 x 1.00	1 <sup>3</sup> / <sub>16</sub>	1
W301-402	M8 x 1.25	1 <sup>15</sup> / <sub>16</sub>	1
W301-502	M10 x 1.50	1 <sup>15</sup> / <sub>16</sub>	1

ORDER CODE	SIZE REF	OUTSIDE DIAMETER	QTY
W301-602	M12 x 1.75	1 <sup>15</sup> / <sub>16</sub>	1
W301-703	M16 x 2.00	2	1
W301-803	M20 x 2.50	2	1
W301-903	M24 x 3.00	2	1

### • Diestocks for Split Circular Dies

ORDER CODE	OUTSIDE DIAMETER	QTY
W311-001	1 <sup>3</sup> / <sub>16</sub>	1
W311-002	1 <sup>15</sup> / <sub>16</sub>	1

ORDER CODE	OUTSIDE DIAMETER	QTY
W311-003	2	1

### • Conduit Stocks and Dies

Lightweight, robust solid circular pattern stocks and dies used by electrical contractors for the threading of conduit tubing. Double Handed diestocks present a guided die to the conduit for easy starting, free cutting and completion of thread in one cut.

ORDER CODE	SIZE REF	SERIES	QTY
W321-100	DHB Double Handed Diestock	B	1
W321-280	M20 x 1.5 Conduit Die	B	1

ORDER CODE	SERIES	QTY
W321-290	M25 x 1.5 Conduit Die	B 1
W321-380	M20 Conduit Guide	B 1
W321-390	M25 Conduit Guide	B 1

### • Conduit Taps

ORDER CODE	SIZE REF	QTY
W321-480	M20 x 1.5	1

ORDER CODE	SIZE REF	QTY
W321-490	M25 x 1.5	1

**Take advantage of our reliable delivery service and our trade counter collection facilities**



### • Bi-Metal Holesaw Blades

- Shock resistant teeth
- 38mm cutting depth
- Resists tooth strippage
- Faster cutting
- Smoother cuts

ORDER CODE	DIA MM	DIA INCH	LENOX CODE	QTY
W341-014	14	9/16	9L	1
W341-016	16	5/8	10L	1
W341-017	17	11/16	11L	1
W341-019	19	3/4	12L	1
W341-020	20	-	20mmHS	1
W341-021	21	13/16	13L	1
W341-022	22	7/8	14L	1
W341-024	24	15/16	15L	1
W341-025	25	1	16L	1
W341-027	27	11/16	17L	1
W341-029	29	11/8	18L	1
W341-030	30	13/16	19L	1
W341-032	32	1 1/4	20L	1
W341-033	33	15/16	21L	1
W341-035	35	13/8	22L	1
W341-037	37	17/16	23L	1
W341-038	38	1 1/2	24L	1
W341-040	40	1 9/16	25L	1
W341-041	41	1 5/8	26L	1
W341-043	43	1 11/16	27L	1
W341-044	44	1 3/4	28L	1
W341-046	46	1 13/16	29L	1
W341-048	48	1 7/8	30L	1
W341-051	51	2	32L	1
W341-052	52	2 1/16	33L	1

ORDER CODE	DIA MM	DIA INCH	LENOX CODE	QTY
W341-054	54	2 1/8	34L	1
W341-057	57	2 1/4	36L	1
W341-060	60	2 3/8	38L	1
W341-064	64	2 1/2	40L	1
W341-065	65	2 9/16	41L	1
W341-067	67	2 5/8	42L	1
W341-068	68	-	43L	1
W341-070	70	2 3/4	44L	1
W341-073	73	2 7/8	46L	1
W341-076	76	3	48L	1
W341-079	79	3 1/8	50L	1
W341-083	83	3 1/4	52L	1
W341-086	86	3 3/8	54L	1
W341-089	89	3 1/2	56L	1
W341-092	92	3 5/8	58L	1
W341-095	95	3 3/4	60L	1
W341-102	102	4	64L	1
W341-105	105	4 1/8	66L	1
W341-108	108	4 1/4	68L	1
W341-114	114	4 1/2	72L	1
W341-121	121	4 3/4	76L	1
W341-127	127	5	80L	1
W341-140	140	5 1/2	88L	1
W341-152	152	6	96L	1



### • Holesaw Arbors

ORDER CODE	CODE	SHANK TYPE	FITS HOLES AW SIZE	QTY
W361-101	1L	1/2 Hex	14min-30mm	1
W361-102	2L	1/2 Hex	32mm-152mm	1
W361-103	3L	1/2 Solid/Hex	32mm-152mm	1
W361-104	4L	1/4 Round	14mm-30mm	1

ORDER CODE	CODE	SHANK TYPE	FITS HOLES AW SIZE	QTY
W361-105	5L	3/8 Hex	14mm-30mm	1
W361-201	1SL	SDS+	14mm-30mm	1
W361-202	2SL	SDS+	32mm-152mm	1
W361-307	7L*	3/8 Hex	32mm-152mm	1

\* The 7L Arbor is a unique design which will eject the core left in the holesaw blade, giving it a significant time saving on repetitive hole cutting.

### • Pilot Drills

ORDER CODE	SIZE REF	TO FIT ARBOR	QTY
W361-501	4321	1L, 2L, 4L	1

ORDER CODE	SIZE REF	TO FIT ARBOR	QTY
W361-505	56PD	1SL, 2SL, 3L, 5L, 6L, 7L	1



**Phone Now for our Latest Offers**





### • Holesaw Extensions & Accessories

ORDER CODE	CODE	SIZE/ DESCRIPTION	FITS ARBORS	QTY
W361-758	55X	5 1/2 / 140mm Extension	1L, 2L	1
W361-775	10X	10 / 250mm Extension	5L, 6L	1
W361-780	12X	12 / 300mm Extension	1L, 2L	1
W361-783	18X	18 / 450mm Extension	1L, 2L	1
W361-801	AA1*Arbor Adaptor		1L, 1SL, 4L, 5L	1

### • Holesaw Kits

These professional holesaw kits give an ideal range of cutters for the tradesman and come in a plastic case, along with cutters and arbors.



ORDER CODE	DESCRIPTION	CODE	CONTENTS	QTY
W361-910	General Kit UK	700G	One of each 22,25,32,35,38,44 and 54mm holesaws, 5L, 6L Arbors and 56PD Pilot Drill	1
W361-920	Electricians Kit UK	INT600L	One of each 16,20,25,32,38 and 51mm holesaws, 1L, 2L Arbors and 4321 Pilot Drill	1
W361-930	Plumbers Kit UK	INT600P	One of each 19,22,29,38 and 68mm holesaws, 2L, 5L Arbors and 4521 Pilot Drill	1

### • Vari-Bit Step Drills

- Drills various types of materials including stainless steel, mild steel, cast iron, plastic and wood
- High wear resistance
- Requires no centre punching
- No pilot hole necessary
- Clean, burr free holes
- Cuts 2 times faster
- Eliminates the need for specific sized standard drill bits
- Lasts 2 times longer

ORDER CODE	CODE	HOLES SIZES MM	QTY
W381-105	M V B412	4, 5, 6, 7, 8, 9, 10, 11, 12	1
W381-110	M V B618	6, 8, 10, 12, 14, 16, 18	1

ORDER CODE	CODE	HOLES SIZES MM	QTY
W381-115	M V B1424	14, 16, 18, 20, 22, 24, 25	1



**No tool box should be without one**

### • Leader Wood Bit

The Leader is a fast cutting wood boring bit ideal for use in timber joists including engineered joists which are tough on ordinary auger bits etc. The Leader bits have a replaceable lead screw in the centre and will cut through up to 100mm thick timber. They can be used in conjunction with our holesaw extensions. Can be re-sharpened.

ORDER CODE	SIZE REF	QTY
W382-025	25mm	1
W382-029	29mm	1
W382-032	32mm	1
W382-035	35mm	1
W382-038	38mm	1
W382-044	44mm	1

ORDER CODE	SIZE REF	QTY
W382-051	51mm	1
W382-054	54mm	1
W382-057	57mm	1
W382-065	65mm	1
W382-076	76mm	1
W382-100	Spare Lead Screws	1



### • LENOX One Tooth Rough Wood Hole Cutter

Lenox One Tooth hole cutter is a very fast cutting, timber hole borer and can be used over 300 times before re-sharpening. Will cut wet, frozen, pressure treated and hardwood timbers without binding. The plug of wood can easily be ejected from the cutter.

\* Use in conjunction with our W361 range of Lenox Holesaw Arbors: All popular sizes are held in stock and the others are available to order.

ORDER CODE	SIZE REF	QTY
W383-054	54mm	1
W383-057	57mm	1
W383-065	65mm	1
W383-068	68mm	1
W383-070	70mm	1
W383-080	80mm	1
W383-086	86mm	1
W383-092	92mm	1

ORDER CODE	SIZE REF	QTY
W383-102	102mm	1
W383-109	109mm	1
W383-117	117mm	1
W383-127	127mm	1
W383-140	140mm	1
W383-159	159mm	1
W383-210	10mm Pilot Spade Bit	1
W383-220	Diamond Sharpening File	1



### • Conecut Hole Cutters

ORDER CODE	SIZE REF	HOLE SIZE MM	QTY
W391-100	CC0	3 - 14mm	1
W391-110	CC1	6 - 20mm	1
W391-119	CC1A	9.5 - 22.5mm	1
W391-120	CC2	16 - 30.5mm	1

ORDER CODE	SIZE REF	HOLE SIZE MM	QTY
W391-130	CC3	25 - 40mm	1
W391-140	CC4	37 - 52mm	1
W391-150	CC25	16 - 25mm	1



### Machine Auger Bits

Dual purpose - for use in both electric power drills and hand braces. They have a threaded tip for moderate self-feed when using a power drill, but still sufficient self-feed when using a hand brace. Use for quick precision cutting with all types of wood.

#### Short 95mm

ORDER CODE	SIZE REF	QTY
W411-110	10 x 95	1
W411-112	12 x 95	1
W411-116	16 x 95	1

ORDER CODE	SIZE REF	QTY
W411-120	20 x 95	1
W411-125	25 x 95	1
W411-132	32 x 95	1

#### Medium 205mm

ORDER CODE	SIZE REF	QTY
W411-206	6 x 205	1
W411-208	8 x 205	1
W411-210	10 x 205	1
W411-212	12 x 205	1
W411-216	16 x 205	1

ORDER CODE	SIZE REF	QTY
W411-220	20 x 205	1
W411-222	22 x 205	1
W411-225	25 x 205	1
W411-232	32 x 205	1
W411-238	38 x 205	1

#### Long 280mm

ORDER CODE	SIZE REF	QTY
W411-306	6 x 280	1
W411-308	8 x 280	1
W411-310	10 x 280	1
W411-312	12 x 280	1
W411-316	16 x 280	1

ORDER CODE	SIZE REF	QTY
W411-320	20 x 280	1
W411-322	22 x 280	1
W411-325	25 x 280	1
W411-332	32 x 280	1
W411-338	38 x 280	1

#### Extra Long 480mm

ORDER CODE	SIZE REF	QTY
W411-408	8 x 480	1
W411-410	10 x 480	1
W411-412	12 x 480	1
W411-416	16 x 480	1
W411-420	20 x 480	1

ORDER CODE	SIZE REF	QTY
W411-422	22 x 480	1
W411-425	25 x 480	1
W411-432	32 x 480	1
W411-438	38 x 480	1

#### SDS Fitting 205mm Auger Bits

For direct fitting into SDS type hammer drills. Ensure hammer action is switched off before use.

ORDER CODE	SIZE REF	QTY
W421-206	6 x 205	1
W421-208	8 x 205	1
W421-210	10 x 205	1
W421-212	12 x 205	1

ORDER CODE	SIZE REF	QTY
W421-216	16 x 205	1
W421-220	20 x 205	1
W421-222	22 x 205	1
W421-225	25 x 205	1



# Drilling, Cutting & Driving Tools

## Wood Bits & Planer Blades

11

### Precision Wood Bits

These precision drills allow fast, but controlled, drilling at lower torque than traditional Machine Auger Bits. Ideal for cordless drills.

ORDER CODE	SIZE REF	FLUTE LENGTH	QTY
W431-103	3mm	61	33
W431-104	4mm	75	43
W431-105	5mm	86	52
W431-106	6mm	93	57
W431-108	8mm	117	75

ORDER CODE	SIZE REF	FLUTE LENGTH	QTY
W431-110	10mm	133	87
W431-112	12mm	151	96
W431-114	14mm	151	96
W431-116	16mm	160	100
W431-120	20mm	200	130

### Flat Wood Bits

Top quality range of flat bits for machine drilling of wood. High-alloy tool steel, machined and hardened with precision-ground tips for faster, easier drilling.

ORDER CODE	SIZE REF	APPROX. IMPERIAL SIZE	QTY
W441-006	6mm	1/4	1
W441-008	8mm	5/16	1
W441-010	10mm	3/8	1
W441-013	13mm	1/2	1
W441-016	16mm	5/8	1
W441-018	18mm	3/4	1
W441-020	20mm	25/32	1

ORDER CODE	SIZE REF	APPROX. IMPERIAL SIZE	QTY
W441-022	22mm	7/8	1
W441-025	25mm	1	1
W441-028	28mm	1 1/8	1
W441-032	32mm	1 1/4	1
W441-035	35mm	1 3/8	1
W441-038	38mm	1 1/2	1
W441-300	300mm flat bit extension rod		1

### Replacement Planer Blades

Carbide replacement planer blades. No re-grinding necessary - simply turn over or replace. Excellent planing quality on solid wood and all types of board material.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
W481-755	75.5mm	Planer Blade	1 set
W481-805	80.5mm	Planer Blade	1 set

ORDER CODE	SIZE REF	DESCRIPTION	QTY
W481-820	82.0mm	Planer Blade	1 set



Drilling, Cutting & Driving Tools



## Trend® routing technology

Fixfirm has been supplying router cutters for many years. As the use and scope of routers increases so does the range of cutters and accessories to suit them. Fixfirm keeps a wide range of popular cutters in stock but as the range is so huge we cannot hold it all in stock or list them individually in this catalogue. The Manufacturer's Catalogue shows the full range and is available free of charge on request.

### Choosing Cutter Grades

The following details will give some guidelines on choice.

#### ● TCT - Tungsten Carbide Tipped Cutters

This grade of cutters has Tungsten Carbide Tips brazed onto a steel body and is designed to cut the most abrasive materials. With careful handling, they will outlast HSS grade cutters by many times under normal conditions. Small sized cutters have a solid carbide insert. Applications: cutting, routing and profiling natural timbers, plywood, MDF, chipboard and abrasive plastics such as Tufnol, GRP and Corian.

#### ● STC - Solid Tungsten Carbide Cutters

These are turned, milled and ground from a solid piece of Tungsten Carbide and provide the greatest durability when used under stress load conditions. They also offer better plunge cutting characteristics than TCT and many more re-sharpenings can be obtained from STC tools. Furthermore, a harder grade of carbide is used as the tool is not being brazed. They have similar applications to TCT grade cutters.

#### ● HSS - High Speed Steel Cutters

These are made from a single piece of High Speed Steel, ground with a very fine edge. They are only suitable for non-abrasive materials, but will give a superior finish in soft timbers. Generally HSS cutters are less expensive than TCT grades, but can be more suitable for certain applications. Applications: routing non-abrasive natural timbers and plastics.

#### ● Selecting Shank Diameters

Cutters are manufactured with different shank sizes which are often an indication as to what size of router they will suit. Most routers are fitted with a 1/4, 3/8 and 1/2 collets. In general it is advisable to select a cutter with the largest shank available to suit your router.

\* Note - The most common shank sizes are 1/4, 3/8, and 1/2 with some special application cutters using either 6mm or 8mm shanks.

#### ● Selection of Cutter Styles

Cutters can be best selected from the Trend catalogue but in general the following criteria should be established:

- Which shank diameter is required
- Type of material to be cut to establish cutter grade
- Depth of cut required
- Size of any angle on bevel or chamfer cutters
- Radius of any rounding over or ovolo cutters
- If the cutter is to follow a template, whether a pin guided or bearing guided cutter is required
- It should be noted that some large diameter cutters are only suitable for stationary machines, although these will be marked in the manufacturer's catalogue

We appreciate this listing is very brief but we will be pleased to discuss your requirements or arrange for an up-to-date catalogue to be forwarded to you.

Popular cutters are held in stock and we can arrange for cutters to be sent direct from Trend at very reasonable postage rates.



**Ask for a catalogue today!**



### Some Popular Cutter Styles

#### ● Two Flute Cutters

Straight two flute cutters are suitable for rebating, mortising and plunge cutting with some specifically designed for drilling e.g. letter box holes etc. Many combinations of dimensions are available.

#### ● Bearing Guided Chamfer

Chamfer cutters are also available with or without guide pins. Variations of length C and angle A° are available.

#### ● Bearing Guided Ovolo

Using different bearing sizes allows the Ovolo cutter to be used also for rounding over applications. Rounding Over and Ovolo cutters are also available with or without guide pins.

#### ● 90° Trimmers

Used for removing the overhang when laminating of lipping doors, work tops etc. Some trimmers have the guide bearing above the cutter.

#### ● Dovetail Cutters

A wide range of dovetail cutters are available to suit most dovetail jigs or for freehand use.

#### ● Hinge Sinkers

Hinge sinkers are used by kitchen and furniture manufacturers for recessing circular hinges. A variety of diameters and cutter designs are available to suit virtually every application.

#### ● Bearings & Collets

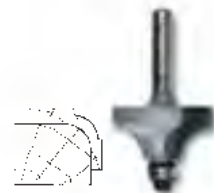
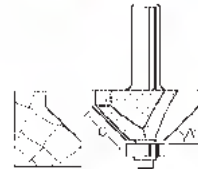
Replacement collets and router cutter bearings are available to suit most machines and all Trend cutters.

#### ● Routers & Routing Accessories

Routing Machines with 1/4 or 1/2 collets. Available in 240v, 110v with electronic speed control. Micro adjustment fence and many other features.

Many types of jigs for use with routers are available to make specific jobs quicker and more accurate. Jigs are available for work top joints, staircase housings, hinges etc.

Dovetail Jigs are only available in 12" widths for creating accurate neat dovetails quickly.







### • Straight Flute Router Cutters

These are our most popular router cutters and are used predominantly for intumescent strips on the 3/6 and cutting work tops on the 3/83D

ORDER CODE	SIZE REF	DIAMETER	BLADE LENGTH	QTY
W501-015	3/6 1/4"TC	10mm	19mm	1
W501-025	3/6 1/2"TC	10mm	19mm	1

ORDER CODE	SIZE REF	DIAMETER	BLADE LENGTH	QTY
W501-016	3/83D 1/2"TC	12.7mm	50mm	1
W501-026	3/85 1/2"TC	12.7mm	63mm	1



### • Unibase & Guide Bushes

The Trend Unibase enables routers with non-standard guide bush fittings to accept the Trend guide bushes. This then means most makes of routers can be used for the wide range of Trend Jigs and templates, making your router a very versatile tool.

The popular sizes of guide bushes are shown below and are precision made from steel. Other sizes are available to order.

ORDER CODE	SIZE REF	OUTSIDE DIAMETER MM	QTY
W511-001	UNIBASE	170	1
W511-010	GB10	10	1

ORDER CODE	SIZE REF	OUTSIDE DIAMETER MM	QTY
W511-012	GB12	12	1
W511-030	GB30	30	1



### • Routabout Hole Cutter

This is an excellent time-saving product when access is required under chipboard floors. They are ideal for builders, electricians and plumbers. A 750w router is required in addition to the Routabout Template.

Simply router around the template, put in the Routabout ring and put the 'waste' chipboard disc back in and you have a neat flush access hole of 250mm diameter suitable for 18mm and 22mm chipboard only. Certain Routers may need a UNIBASE sub base to use this product, Please enquire if uncertain.

ORDER CODE	SIZE REF	FOR FLOOR THICKNESS	CUTTER SHANK	DESCRIPTION	QTY
W514-010	RBT/1/KIT	18mm	1/4"	Routabout Kits	1
W514-015	RBT/2/KIT	18mm	1/2"	Routabout Kits	1
W514-020	RBT/3/KIT	22mm	1/4"	Routabout Kits	1
W514-025	RBT/4/KIT	22mm	1/2"	Routabout Kits	1
W514-040	RBT/PLATE	18/22mm		Replacement Template	1
W514-045	RBT/CUT/1	18mm	1/4"	Routabout Cutters	1
W514-050	RBT/CUT/2	18mm	1/2"	Routabout Cutters	1
W514-055	RBT/CUT/3	22mm	1/4"	Routabout Cutters	1
W514-060	RBT/CUT/4	22mm	1/2"	Routabout Cutters	1
W514-080	RBTRNG 18/10	18mm		Routabout Rings	10
W514-090	RBTRNG 22/10	22mm		Routabout Rings	10

**Contact us today for all  
your Routing needs**



### Jigsaw Blades - Universal Fitting

† Blades packed in cards of 5.

ORDER CODE	BOSCH REF	FM REF	APPLICATION	BLADE LENGTH MM
W601-101	T101A0	502	Blade for curve cutting and right angle cuts. Hard and softwood, ply and chipboard, plastic 25mm cut.	50
W601-103	T119B0	531	Small radius cutting. Wood 20mm, plastics.	75
W601-104	T101B	515	Wood 30mm plastics. Clean cut.	75
W601-105	T101BR	545	Wood 30mm plastics. Clean cut (down cutting teeth). Splinter free cut.	75
W601-106	T111C	517	Wood 60mm, plastics, chipboard. Coarse cut.	75
W601-108	T101D	516	Wood 60mm, plastics. Quick cutting.	75
W601-110	T144D	520	Wood 60mm. Quick cutting.	75
W601-111	T244D	521	Curve cutting. Wood 60mm.	75

### • Blades for metal cutting

ORDER CODE	BOSCH REF	FM REF	APPLICATION	BLADE LENGTH MM
W601-202	T118A	523	Mild Steel, non-ferrous metal, alu 4mm, acrylic 3mm.	55
W601-203	T318A	527	Ex long sandwich materials, all metals,	105
W601-204	T118B	525	Mild steel 6mm, non-ferrous & alu 10mm.	55
W601-207	T127D	528	Mild steel 6mm, non-ferrous & alu 3-15mm, plastic 30mm.	75

### • Makita Fitting Jigsaw Blades

ORDER CODE	MAKITA REF	APPLICATION	BLADE LENGTH MM
W601-605	A-85852	Steel 6mm non-ferrous metals 6mm Wood/ Plastic 3-50mm	60
W601-610	A-85911	Fast Cutting of Wood and Plastics 4-60mm	60
W601-615	A-85868	Clean cuts in hardwood, softwood, plywood, bonded woods, plastics 50mm	60

### Jigsaw Blades - Universal Fitting

Bi-Metal jigsaw blades are ultimate in quality, performance and service life.

#### OUTLASTS UPTO 5 ORDINARY BLADES

- Precision ground/milled teeth
- Shock resistant teeth
- Cuts through nail embedded wood
- Shatter resistant
- Faster cutting wood
- High wear resistance giving long life

Blades packed in cards of 2

ORDER CODE	LENOX CODE	APPLICATION	BLADE LENGTH MM
W611-105	BT450S	Fast smooth cuts in wood, plastic & composite material: 5-38mm	100
W611-110	BT410S	Woods: 6-50mm thick All steels: 3.2-13mm	100
W611-115	BT406S	Fast, rough cutting in wood, & composite material 10-50mm thick	100
W611-120	BT456S	Fast, clean cutting in wood, & composite material 10-50mm thick	100
W611-125	BT450SR	Chip-free down cutting in laminate, worktops & plastics 5-38mm thick	100
W611-130	BT320SC	Fine, contour cutting in wood veneer, laminate & plastics 1.5-13mm	90
W611-135	BT686S	Fast, rough cutting in wood & composite material 10-89mm thick	150
W611-205	BT314S	Steels 2.5-6mm non-ferrous metals 2.5-10mm	90
W611-210	BT318S	Structural steel, stainless steel: 1.5-5mm, non-ferrous metals 1.5-8mm	90
W611-211	BT518S	Steel/Stainless 1.5-5mm Composite panels etc.	135
W611-215	BT324S	Sheet metal, stainless steel: 3.2mm thick non-ferrous metals 6mm thick	90
W611-310	BT300SG	Cast iron, fibreglass, ceramic, tile, hard plaster	75

### • 7 Piece Jigsaw Blade Kit

ORDER CODE	LENOX REF	APPLICATION
W611-910	743SA	Contains one of each: F406S, F410S, F314S, F456S, F450S, F318S, F324S in a plastic case





### Reciprocating Sabre Saw Blades

Reciprocating Saw Blades have almost limitless sawing applications. These blades are ideal for window frame removal, demolition contractors, pallet cutting etc.

- Bi-Metal construction
- Shatter resistant
- High wear resistance
- Cuts through tough materials including nail embedded wood
- Precision milled teeth
- Shock resistant teeth
- Longer life
- Faster cutting

ORDER CODE	REF	DIMENSION	APPLICATION	QTY
W631-105	656R	150 x 20 x 1.3	Roughing in wood and nail embedded wood. Fast cutting pipe, structural steel, stainless steel, non-ferrous metal: 5mm and thicker	5
W631-110	956R	225 x 20 x 1.3	As 656R	5
W631-115	156R	300 x 20 x 1.3	As 656R	5
W631-120	610R	150 x 20 x 0.9	Nail embedded wood, composite materials and plastics, pipe, carbon steel, stainless steel: 3.2 - 6mm. Non-ferrous metals 3.2 - 13mm	5
W631-125	810R	200 x 20 x 1.3	As 610R	5
W631-130	110R	300 x 20 x 1.3	As 610R	5
W631-205	614R	150 x 20 x 0.9	Pipe, structural steel, conduit, stainless steel: 2.5 - 6mm. Non-ferrous metal: 2.5 - 10.0mm. Hard rubber	5
W631-210	418R	100 x 20 x 0.9	Pipe, structural steel, conduit, stainless steel: 1.5 - 5mm. Non-ferrous metal: 1.5 - 8mm.	5
W631-215	618R	150 x 20 x 0.9	As 418R	5
W631-220	624R	150 x 20 x 0.9	All metals less than 3.2mm thick	5

### Demolition & Rescue Blades

ORDER CODE	REF	DIMENSION	APPLICATION	QTY
W631-305	966R	225 x 22 x 1.6	Demolition work in nail embedded wood	5
W631-310	960R	225 x 22 x 1.6	Demolition work in wood and metal. Fire and Rescue	2
W631-505	650R	150 x 20 x 1.3	Heavy duty. Extended life when cutting pipe, steel, stainless steel 5 - 20mm. Fire and Rescue	2

### Lazer Blades

The Lenox Lazer blades are 25mm wide blades giving straighter cuts on pipe sections, composite panels etc.

ORDER CODE	SIZE REF	DIMENSION	QTY	ORDER CODE	SIZE REF	DIMENSION	QTY
W631-550	6110R	150 x 25 x 1.1	5	W631-610	6118R	150 x 25 x 1.1	5
W631-560	9110R	225 x 25 x 1.1	5	W631-620	9118R	225 x 25 x 1.1	5
W631-570	12110R	300 x 25 x 1.1	5	W631-630	12118R	300 x 25 x 1.1	5

### Master Grit & Carbide Tipped Recip Blades

Lenox Master Grit blades do not snag or chip. Will cut cast iron, fibreglass, ceramic tile, clay, stone, brick, plaster and marble.

Lenox Carbide tipped blades will cut tough materials such as fibreglass, tresper board, fibre cement, rubber and other difficult to cut materials.

ORDER CODE	SIZE REF	DIMENSION	DESCRIPTION	QTY
W632-105	800RG	200 x 20 x 1	Mastergrit Blade	5
W632-210	6565RCT	150 x 20 x 1.3	Carbide Tip Blade	5



### ● Hacksaw Blades

Tuff Tooth Hacksaw blades are 'The Leaders of the Pack', their performance and blade life is superb. Features include:

- Bi-Metal construction
- Smoother cut
- Last longer
- Faster cutting
- Resists tooth strippage
- Virtually unbreakable
- Shatter resistant
- Shock resistant
- Out performs carbon steel up to 10 to 1

ORDER CODE	SIZE REF	T.P.I	QTY
W651-218	300 x 13	18	10
W651-224	300 x 13	24	10

ORDER CODE	SIZE REF	T.P.I	QTY
W651-232	300 x 13	32	10



### ● Junior Hacksaw Blades

ORDER CODE	SIZE REF	QTY
W651-501	150mm (Packs of 10)	100

ORDER CODE	SIZE REF	QTY
------------	----------	-----



**For Hacksaws  
see page 244**



### ● GP - General Purpose Diamond Blades

Developed specifically for the UK building industry to provide the contractor with a very versatile tool for general concrete products. These general purpose concrete cutting blades are manufactured using advanced synthetic multi-grain diamond technology. This provides a very consistent quality of cut in a wide range of concrete products rightly earning the title 'General Purpose' blades. Suitable for: Concrete, brick, block paving, flags, smooth hard concrete, roofing tiles etc. If using for chasing in abrasive materials e.g. Lightweight block, contact Fixfirm for an alternative blade with improved life.

ORDER CODE	SIZE REF	QTY
W681-150	GP100mm	1
W681-153	GP115mm	1

ORDER CODE	SIZE REF	QTY
W681-155	GP125mm	1



### ● Quad All Terrain Diamond Blade

This blade is a 'Go Anywhere' cuts almost everything on a building site. It has superior cutting speed and will cut just about anything on site including concrete, reinforced concrete, clay, granite, kerbs, block paving, slabs and even STEEL!

This is a very rugged blade for extremely demanding applications.

ORDER CODE	SIZE REF	BORE SIZE	QTY
W681-680	Quad300mm	20mm	1

ORDER CODE	SIZE REF	BORE SIZE	QTY



### ● SGMR - Mortar Rake Diamond Blade

This blade is ideal for the fast and efficient removal of mortar from joints prior to repointing or for cutting seams for lead flashings. It has a 6mm wide raking width which suits most applications.

ORDER CODE	SIZE REF	DIA mm	RAKE WIDTH
W681-855	SGMR125	125	6mm

ORDER CODE	SIZE REF	DIA mm	RAKE WIDTH

### ● Evo - Evolution 1500 Diamond Blades

These 15mm segment diamond blades are ideal for the building site, they will cut just about anything that needs cutting. Fast cutting and will give up to four times the life of conventional blades.

**Evolution 1500 -** is an ideal all round blade for general construction materials, e.g. concrete, bricks, clay kerb, block paving etc.

**Evolution 1500 Duo -** is best for soft block, stone, abrasive roof tiles, asphalt and concrete. It is an excellent Civil Engineers or Utilities blade.

ORDER CODE	SIZE REF	BORE SIZE	QTY
W681-373	EVO230mm	22mm	1
W681-380	EVO300mm	20mm	1

ORDER CODE	SIZE REF	BORE SIZE	QTY
W681-580	EVO DUO 300mm	20mm	1

#### DIAMOND BLADE GUARANTEE

If the performance of any blade proves unsatisfactory for its intended purpose and is returned to us we will refund 50% of the purchased price. Damaged blades will be fairly inspected but our discretion will prevail.

### ● CB - Contract Diamond Blade

These blades are specially selected to give a good performance and life combined with a very competitive price. They are ideal for the tradesman who is using blades regularly on a variety of different materials. For use with bricks, concrete, slabs, clay pipes etc...

ORDER CODE	SIZE REF	BORE SIZE	QTY
W685-153	CB115mm	22mm	1
W685-155	CB125mm	22mm	1

ORDER CODE	SIZE REF	BORE SIZE	QTY
W685-173	CB230mm	22mm	1
W685-180	CB300mm	20mm	1



### ● Dry Diamond Cores

These quality Dry Diamond cores are ideal for general purpose core drilling in most popular building materials. They offer good value in both performance speed and working life.

For advice on specialist applications or alternative sizes please contact Fixfirm's sales office.

The thread used through this range is the industry standard 1/2" BSP.

ORDER CODE	SIZE REF	OVERALL LENGTH	QTY
W691-111	22mm	400mm	1
W691-114	28mm	400mm	1
W691-119	38mm	165mm	1
W691-126	52mm	165mm	1
W691-132	65mm	165mm	1

ORDER CODE	SIZE REF	OVERALL LENGTH	QTY
W691-139	78mm	165mm	1
W691-151	107mm	165mm	1
W691-153	117mm	165mm	1
W691-155	127mm	165mm	1
W691-160	152mm	165mm	1



### ● Dry Diamond Accessories

This range of accessories are supplied with the standard 1/2" BSP Thread connections which are compatible with most other makes of cores.

The Dust Extraction connection unit gives increased cutting speed and core life.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
W691-905	3 Jaw Chuck (Hex) to 1/2" BSP	Adaptor	1
W691-910	SDS plus to 1/2" BSP	Adaptor	1
W691-915	5/8" 16 UNF to 1/2" BSP	Adaptor	1
W691-920	M18 x 2.5F to 1/2" BSP	Adaptor	1
W691-930	250mm 1/2" BSP (M/F)	Extension Rod	1
W691-940	200mm	A-Taper Pilot Drill	1
W691-950	Drift	Drift Key	1
W691-960	D.E.U	Dust Extraction Unit	1



**Please ask for catalogue on our full range of diamond products**





### • Circular Saw Blades

Our comprehensive range of TCT Saw blades are aimed to suit most professional makes of circular saws, mitresaws and bench saws. If the bore size shown below is not the size for your particular saw, normally the use of reducing bushes to the correct size will enable the blade to be used.

(Please order reducing washers separately)

#### Tooth Form Application:

ATB- = Alternative Bevel Negative for crosscutting in wood.

ATB+ = Alternative Bevel Positive for general purpose cutting in wood.

TC- = Triple Chip Negative, General and Fine cutting blades for plastic and aluminium.

CCC = Special Thin Kerf ATB+ blades for use on cordless circular saws.

ORDER CODE	BLADE DIAMETER	NUMBER OF TEETH	BORE SIZE MM	TOOTH FORM	QTY
W701-572	136mm	24T	10	CCC	1
W701-601	150mm	18T	20	ATB+	1
W701-621	160mm	18T	20	ATB+	1
W701-631	165mm	18T	30	ATB+	1
W701-632	165mm	24T	10	CCC	1
W701-672	184mm	24T	16	ATB+	1
W701-674	184mm	40T	16	ATB+	1
W701-682	190mm	20T	30	ATB+	1
W701-684	190mm	40T	30	ATB+	1
W701-712	210mm	20T	30	ATB+	1
W701-714	210mm	40T	30	ATB+	1
W701-724	215mm	48T	30	ATB-	1
W701-726	215mm	60T	30	TC-	1
W701-733	235mm	30T	30	ATB+	1
W701-734	235mm	40T	30	ATB+	1
W701-753	250mm	30T	30	ATB-	1
W701-756	250mm	60T	30	ATB+	1
W701-758	250mm	80T	30	TC-	1
W701-803	300mm	36T	30	ATB+	1
W701-804	300mm	48T	30	ATB+	1
W701-807	300mm	72T	30	TC-	1
W701-812	315mm	28T	30	ATB+	1
W701-814	315mm	48T	30	ATB+	1

### • Saw Blade Reducing Bushes

These reducing bushes are designed to be pressed or glued in to the saw blade bore to reduce the centre hole size. Ensure the blade flange nut covers the initial bore size adequately on your particular saw before using.

ORDER CODE	DIAMETER OUTER/INNER	QTY	ORDER CODE	DIAMETER OUTER/INNER	QTY
W701-905	20mm/16mm	1	W701-920	30mm/25mm	1
W701-910	30mm/16mm	1	W701-925	30mm/25.4mm	1
W701-915	30mm/20mm	1			

**Please enquire for full  
range of blades available**

### ● Screwdriver Bit Range

In today's industrial environment the variations called for in screwdriver bit designs are almost endless. This carefully selected range has been designed to provide a screwdriver bit to suit most requirements.

Our screwdriver bits are manufactured to the highest specification in order to give the user the best value for money. Should you have any queries regarding the choice of bit do not hesitate to contact our sales office for further advice.

### Selecting screwdriver bits:

The screwdriver bits in this range are based on two shank types ie: Insert Bits and Power Bits

The Insert Bits normally rely on a circlip to retain them in the screwdriver whereas the power bits (commonly used in air tools) use a ball bearing mechanism for retention.

### 1/4 Hex Professional Insert Bits

The Professional Screwdriver bit range are our most popular bits. They are produced to perform as a good quality general purpose bit in all applications - please note that although these are standard quality screwdriver bits, they are in no way poor quality bits as they far surpass many screwdriver bits which are currently on the market.

### ● Pozi Professional Bits\*

ORDER CODE	SIZE REF	• L •	QTY
W801-011	PZ1 x 25T	25	1
W801-014	PZ1 x 50	50	1
W801-021	PZ2 x 25T	25	1

ORDER CODE	SIZE REF	• L •	QTY
W801-024	PZ2 x 50	50	1
W801-031	PZ3 x 25T	25	1
W801-042	PZ4 x 32T	32	1

### ● Phillips Professional Bits\*

ORDER CODE	SIZE REF	• L •	QTY
W801-111	PH1 x 25T	25	1
W801-114	PH1 x 50	50	1
W801-121	PH2 x 25T	25	1

ORDER CODE	SIZE REF	• L •	QTY
W801-124	PH2 x 50	50	1
W801-131	PH3 x 25T	25	1

### ● TORX/TZD Professional Bits\*

ORDER CODE	SIZE REF	• L •	QTY
W801-211	TZD 10 x 25	25	1
W801-221	TZD 15 x 25	25	1
W801-231	TZD 20 x 25	25	1

ORDER CODE	SIZE REF	• L •	QTY
W801-241	TZD 25 x 25	25	1
W801-261	TZD 30 x 25	25	1
W801-271	TZD 40 x 25	25	1

### ● Square Drive Professional Bit

ORDER CODE	SIZE REF	• L •	QTY
W801-324	SQ2 x 25	25	1

ORDER CODE	SIZE REF	• L •	QTY
------------	----------	-------	-----

### ● Slotted Professional Bits

ORDER CODE	SIZE REF	• L •	QTY
W801-421	0.6 x 4.5 x 25T	25	1
W801-431	0.8 x 5.5 x 25T	25	1
W801-441	1.0 x 5.5 x 25T	25	1

ORDER CODE	SIZE REF	• L •	QTY
W801-451	1.2 x 6.5 x 25T	25	1
W801-461	1.6 x 8.0 x 25T	25	1

\* Phillips is a registered trade mark of Phillips Screw Company

\* Pozidriv is a registered trademark of European Industrial Services Ltd.

\* Torx is a registered trademark of Camcar Textron Inc.



### Professional Power Bits

#### Pozi Professional Bits\*

ORDER CODE	SIZE REF	L	QTY
W811-014	PZ1 x 50T	50	10
W811-017	PZ1 x 90	90	10
W811-024	PZ2 x 50T	50	10
W811-026	PZ2 x 70	70	10

ORDER CODE	SIZE REF	L	QTY
W811-027	PZ2 x 90	90	10
W811-034	PZ3 x 50T	50	10
W811-036	PZ3 x 70	70	10

#### Phillips Professional Bits\*

ORDER CODE	SIZE REF	L	QTY
W811-114	PH1 x 50T	50	10
W811-126	PH2 x 70	70	10

ORDER CODE	SIZE REF	L	QTY
W811-127	PH2 x 90	90	1
W811-136	PH3 x 70	70	1

#### Slotted Professional Bits

ORDER CODE	SIZE REF	L	QTY
W811-424	0.6 x 4.5 x 50	50	10
W811-434	0.8 x 5.5 x 50	50	10
W811-444	1.0 x 5.5 x 50	50	10

ORDER CODE	SIZE REF	L	QTY
W811-454	1.2 x 6.5 x 50	50	10
W811-464	1.6 x 8 x 50	50	10

### Bi Torsion Screwdriver Bits

The Bi-Torsion Screwdriver Bit range is the latest in screwdriver bit technology. The unique and clever design of the screwdriver bit and the Bi-Torsion bit holder combine to give up to 50% more service life than the standard screwdriver bit and adaptor. See following page for Bi-Torsion Bit Holders. By using the Bi-Torsion system you will be protected against premature wear. The productivity and efficiency of your powered screwdriving systems will be significantly enhanced.

#### Pozi Bi-Torsion Insert Bits\*

ORDER CODE	SIZE REF	L	QTY
W821-011	PZ1 x 25 BTH	25	10
W821-021	PZ2 x 25 BTH	25	10

ORDER CODE	SIZE REF	L	QTY
W821-031	PZ3 x 25 BTH	25	10

#### Pozi Bi-Torsion Power Bits\*

ORDER CODE	SIZE REF	L	QTY
W831-014	PZ1 x 50 BTH	50	1
W831-024	PZ2 x 50 BTH	50	1

ORDER CODE	SIZE REF	L	QTY
W831-034	PZ3 x 50 BTH	50	1

### Bi-Torsion Diamond Coated Screwdriver Bits

The Bi-Torsion Diamond Coated Screwdriver Bits are the ultimate in performance and quality. In addition to all the Bi-Torsion features shown above the screwdriver bit has a coating of thousands of tiny diamond particles which bite tightly into the drive of the screw. These special features combine to give reduction in all the following areas: wear of both the bit and the screw head, the pressure required by the operator (over 65%), short fastening cycle times and overall installation costs per fastener.

#### Pozi Bi-Torsion Diamond Coated Insert Bits\*

ORDER CODE	SIZE REF	L	QTY
W841-011	PZ1 x 25 BDC	25	10
W841-021	PZ2 x 25 BDC	25	10

ORDER CODE	SIZE REF	L	QTY
W841-031	PZ3 x 25 BDC	25	10

#### Phillips Bi-Torsion Diamond Coated Inserts Bits\*

ORDER CODE	SIZE REF	L	QTY
W841-121	PH2 x 25 BDC	25	10

ORDER CODE	SIZE REF	L	QTY
W841-131	PH3 x 25 BDC	25	10

\* Phillips is a registered trade mark of Phillips Screw Company

\* Pozidriv is a registered trademark of European Industrial Services Ltd.

\* Torx is a registered trademark of Camcar Textron Inc.

**Phone Now for our Latest Offers**



# Drilling, Cutting & Driving Tools

## Screwdriver Bits

11

### Pozi Bi-Torsion Diamond Coated Power Bits\*

ORDER CODE	SIZE REF	• L •	QTY
W851-014	PZ1 x 50 BDC	50	1
W851-024	PZ2 x 50 BDC	50	1

ORDER CODE	SIZE REF	• L •	QTY
W851-034	PZ3 x 50 BDC	50	1

### Titanium Coated Insert Bits

Titanium Coated Screwdriver Bits give good results on many applications. Titanium coating gives a significant reduction in wear over conventional screwdriver bits.

#### Pozi Insert Bits\*

ORDER CODE	SIZE REF	• L •	QTY
W861-011	PZ1	25	10
W861-021	PZ2	25	10

ORDER CODE	SIZE REF	• L •	QTY
W861-031	PZ3	25	10

### Security Screwdriver Insert Bits

#### TORX/TZD With Pin Security Bits\*

ORDER CODE	SIZE REF	• L •	QTY
W871-821	TZD15 PIN x 25	25	10
W871-831	TZD 20 PIN x 25	25	10

ORDER CODE	SIZE REF	• L •	QTY
W871-841	TZD 25 PIN x 25	25	10
W871-861	TZD 30 PIN x 25	25	10

#### 2-Hole Security Inserts Bits

ORDER CODE	SIZE REF	• L •	QTY
W871-903	TH3	25	1
W871-904	TH4	25	1
W871-905	TH5	25	1

ORDER CODE	SIZE REF	• L •	QTY
W871-906	TH6	25	1
W871-908	TH8	25	1

### Bit Holders

ORDER CODE	SIZE REF
W881-010	Universal Magnetic Bit Holder
W881-030	Bi-Torsion Quick Release Magnetic Bit Holder

ORDER CODE	SIZE REF
W881-040	Bi-Torsion Rapidaptor Quick Release Mag Bit Holder
W881-090	SDS Fitting Magnetic Bit Holder

### Screwdriver Bit Sets

ORDER CODE	SIZE REF
W881-127	7 Pce Professional Pozi* Bit Set with standard bit holder.
W881-231	10 Pce Bi-Torsion Pozi*/Slotted/Phillips Bit Set with Bi-Torsion quick release bit holder
W881-331	10 Pce Bi-Torsion Pozi* Bit Set with Rapidaptor quick release bit holder

ORDER CODE	SIZE REF
W881-431	10 Pce Bi-Torsion diamond coated Pozi Bit Set with Bi-Torsion Rapidaptor quick release bit holder.
W881-437	7 Pce Bi-Torsion diamond Coated Pozi* Bit Set with Bi-Torsion Rapidaptor quick release bit holder.

\* See page 217 for registered trade names



W881-127



W881-437



W881-231

Drilling, Cutting & Driving Tools

Competitive Trade Prices

219

### Electrical Screwdriver Accessories

These accessories are primarily designed for use in electric screwguns.

**See Self Drill Screws pages 167-175**

#### • Magnetic Sockets

ORDER CODE	SIZE REF	QTY
W901-063	MS 1/4 Magnetic hex sockets	1

ORDER CODE	SIZE REF	QTY
W901-080	MS 5/16 Magnetic hex sockets	1

#### • Extension Bars

ORDER CODE	SIZE REF	QTY
W901-125	EX 250 - 2 50mm Extension bar for sockets	1
W901-150	EX 250 - 4 100mm Extension bar for sockets	1

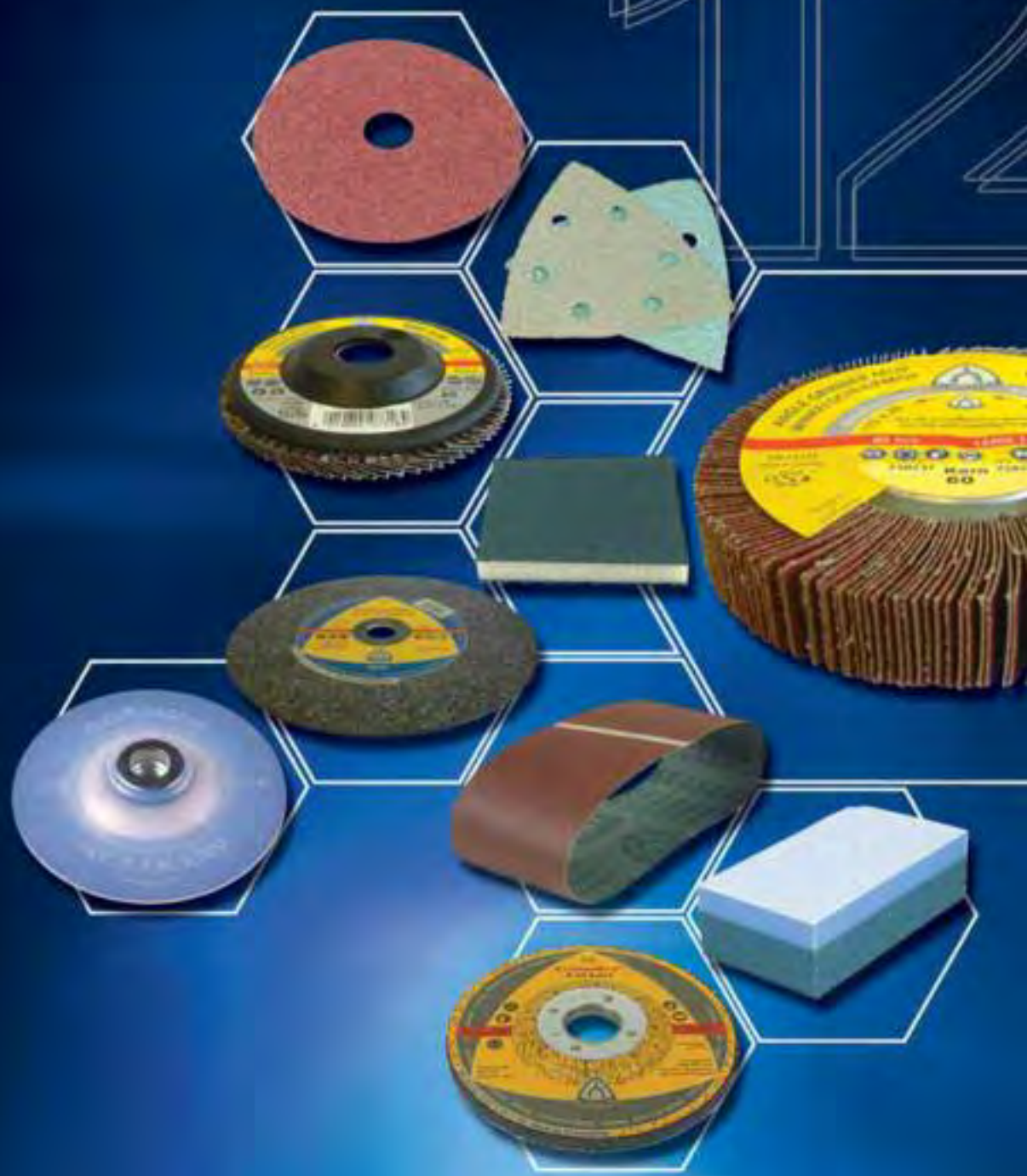
#### • One Piece Drive Bar and Sockets

ORDER CODE	SIZE REF	QTY
W901-260	MES 1/4 One piece drive bar and socket	1
W901-270	MES 7mm One piece drive bar and sockets	1
W901-280	MES 5/16 8 mm One piece drive bar and socket	1
W901-311	11mm/11 One piece drive bar and sockets (for 16mm and 19mm colour head drill screws)	1
W901-463	M490 - 2 H/Duty Magnetic bit holder	1





# Abrasive Products





### Abrasives

Our range of quality abrasive discs has been selected to give optimum performance for your specific needs.  
For weld dressing and cutting our range of A24 extra discs gives excellent grinding performance with high stock removal and constant cutting action through the life of each disc.

With the additional TZ range there are the following benefits - increased cutting ability particularly for steel sections, tube, plate, stainless steel and other non-ferrous metals.

The range of C24 Stone cutting and grinding discs will give superb all round performance on all natural and artificial stones and concrete.

D/C denotes "Depressed Centre" discs.

#### • Portable Metal Grinding Discs D/C - A24EX

A proven universal disc, suitable for all metal working.

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X011-361	100 x 6	16	10
X011-463	115 x 6	22	10
X011-563	125 x 6	22	10

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X011-763	180 x 6	22	10
X011-863	230 x 6	22	10

#### • High Performance Metal Grinding Disc A24N Supra

A high performance grinding disc specially for use on Stainless Steel.

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X031-763	180 x 6	22	10

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X031-863	230 x 6	22	10

#### • Portable Metal Cutting Discs D/C - A24EX

A well proven general cutting disc for all areas of metal working.

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X111-311	100 x 2.5	16	25
X111-413	115 x 2.5	22	25
X111-513	125 x 2.5	22	25

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X111-723	180 x 3.0	22	25
X111-823	230 x 3.0	22	25

#### • Extra Thin Flat Cutting Disc - A60 R Supra

An extra thin standard disc for use on thin profiles and pipes made from stainless steel.

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X120-301	100 x 1.0mm	22	25
X120-401	115 x 1.0mm	22	25

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X120-501	125 x 1.0mm	22	25

#### • Extra Thin Flat Cutting Disc - A60TZ Special

This High Performance extra thin cutting disc is ideal for cutting thin walled sections and pipes. It is quick and clean cutting with reduced burr. Suitable for use on stainless steel, non-ferrous metals and steel.

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X121-401	115 x 1.0mm	22	25

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X121-501	125 x 1.0mm	22	25

#### • Thin Flat Cutting Disc - A46TZ Special

This is a High-Performance cutting disc that is ideal for cutting small cross-sections of material. Suitable for stainless steel and steel.

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X122-301	100 x 1.6mm	16	25
X122-401	115 x 1.6mm	22	25
X122-501	125 x 1.6mm	22	25

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X122-701	180 x 1.6mm	22	25
X122-801	230 x 1.9mm	22	25

**For Pin Spanners see page 224**



# Abrasive Products

## Metal/Stone Cutting & Grinding Discs

12

### • Portable Metal Cutting Discs Flat - A24EX

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X131-723	180 x 3.0	22	25
X131-823	230 x 3.0	22	25

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X131-932	300 x 3.5	20	10
X131-933	300 x 3.5	22	10



### • A24 TZ High Performance Metal Cutting Disc

High performance cutting off disc giving improved performance in stainless steel.

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X161-413	115 x 2.5	22 D/C	25
X161-513	125 x 2.5	22 D/C	25

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X161-723	180 x 3.0	22 Flat	25
X161-823	230 x 3.0	22 Flat	25



### • Stationary Metal Cutting Discs Flat

For use in "Chop saws" e.g. Makita, Ryobi, Hamilton, etc. Thin disc for enhanced cutting performance.

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X181-914	300 x 2.5	25.4	10

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X181-924	350 x 3.0	25.4	10



### • Portable Stone Grinding Discs D/C - C24R

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X201-361	100 x 6	16	10
X201-463	115 x 6	22	10

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X201-563	125 x 6	22	10
X201-763	180 x 6	22	10



### • Portable Stone Cutting Discs D/C - C24R

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X251-311	100 x 2.5	16	25
X251-413	115 x 2.5	22	25
X251-513	125 x 2.5	22	25

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X251-723	180 x 3.0	22	25
X251-823	230 x 3.0	22	25



### • Portable Stone Cutting Discs Flat - C24R Extra

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X271-723	180 x 3.0	22	25
X271-823	230 x 3.0	22	25

ORDER CODE	SIZE REF	BORE DIAM mm	QTY
X271-932	300 x 3.5	20	10
X271-933	300 x 3.5	22	10



N.B. Abrasive Discs only to be fitted by a person qualified according to the current abrasive regulations. Gloves, Goggles, Dust Masks and other necessary safety equipment should be used when using any Cutting or Grinding Tools. See page 214



**For Diamond Cutting  
Blades see page 214**



**For Safety Equipment  
see page 233-234**



### ● Aluminium Oxide FibreDiscs

For use with backing pads these heavy duty discs are designed for use in metal processing, de-rusting, de-scaling and de-burring.

ORDER CODE	SIZE REF	BORE DIAM mm	TO SUIT DISCS	QTY
X311-318	100	16	36g	25
X311-330	100	16	60g	25
X311-340	100	16	80g	25
X311-412	115	22	24g	25
X311-418	115	22	36g	25
X311-430	115	22	60g	25
X311-440	115	22	80g	25
X311-512	125	22	24g	25
X311-518	125	22	36g	25
X311-530	125	22	60g	25
X311-540	125	22	80g	25
X311-718	180	22	36g	25
X311-730	180	22	60g	25

### ● Multibond Fibre Discs

These aluminium zirconia fibre discs give outstanding results on stainless steel. Also due to a special impregnated coolant the 'blueing' effect on stainless is greatly reduced.

ORDER CODE	SIZE REF	BORE DIAM mm	GRIT SIZE	QTY
X331-412	115	22	24g	25
X331-418	115	22	36g	25
X331-430	115	22	60g	25
X331-440	115	22	80g	25
X331-454	115	22	120g	25
X331-512	125	22	24g	25
X331-518	125	22	36g	25
X331-530	125	22	60g	25
X331-540	125	22	80g	25
X331-554	125	22	120g	25

### ● Nylon Backing Pads

These will fit most common makes of grinder - please enquire if in any doubt.

ORDER CODE	SIZE REF	TO SUIT DISCS	PIN SPINNER	QTY
X341-003	9010m	100mm	PS20-4	1
X341-004	10414m	115mm	PS35-5	1
X341-005	11614m	125mm	PS35-5	1
X341-007	17114m	180mm	PS35-5	1

### ● Pin Spanners

The range of pin spanners shown below are for nylon backing pads or angle grinder flanges.

ORDER CODE	SIZE REF	TO SUIT DISCS	
X351-204	PSP 20-4	4" - most makes	Green
X351-235	PSP 23-5	4 1/4 1/2" - B&D, Elu	Brown
X351-304	PSP 30-4	4 1/2" - Bosch	White
X351-355	PSP 35-5	7 7/8" - Most Makes & all Metabo	Red



### ● SMT 618 Flat Abrasive Mop Disc



The SMT 618 is a flat general purpose metal working mop disc especially for surface grinding. It is made from Aluminium Zirconia/Aluminium oxide abrasive with a plastic, glass-fibre reinforced backing disc.

ORDER CODE	SIZE REF	TYPE	GRIT SIZE	QTY
X351-420	115 x 22/618	Flat	40g	10
X351-430	115 x 22/618	Flat	60g	10
X351-440	115 x 22/618	Flat	80g	10
X351-520	125 x 22/618	Flat	40g	10
X351-530	125 x 22/618	Flat	60g	10
X351-540	125 x 22/618	Flat	80g	10



### ● SMT 625 Flat Abrasive Mop Discs



The premium 625 is made of Aluminium Zirconia abrasive which is ideal for steel and stainless steel materials. It is a flat shaped design with a heavy duty plastic, glass-fibre reinforced backing plate. This SMT625 gives high performance stock removal and excellent face and surface grinding.

ORDER CODE	SIZE REF	TYPE	GRIT SIZE	QTY
X361-420	115 x 22/625	Flat	36g	10
X361-430	115 x 22/625	Flat	60g	10
X361-440	115 x 22/625	Flat	80g	10
X361-454	115 x 22/625	Flat	120g	10



### ● SMT 619 Convex Abrasive Mop Discs



The SMT619 is a convex shaped mop disc which can be used on most metal surface grinding. It is made from aluminium zirconia/aluminium oxide abrasive with a plastic backing disc.

ORDER CODE	SIZE REF	TYPE	GRIT SIZE	QTY
X371-420	115 x 22/619	12° Convex	40g	10
X371-430	115 x 22/619	12° Convex	60g	10
X371-440	115 x 22/619	12° Convex	80g	10
X371-520	125 x 22/619	12° Convex	40g	10
X371-530	125 x 22/619	12° Convex	80g	10
X371-540	125 x 22/619	12° Convex	80g	10



### ● SMT 624 Convex Abrasive Mop Discs



The SMT 624 is a 12° convex shaped mop disc particularly suited to weld dressing and working on edges on steel, stainless steel, aluminium, wood plastics or paint and varnish. It is made from aluminium zirconia abrasive with a glass fibre backing disc.

ORDER CODE	SIZE REF	TYPE	GRIT SIZE	QTY
X381-420	115 x 22/624	12° Convex	40g	10
X381-430	115 x 22/624	12° Convex	60g	10
X381-440	115 x 22/624	12° Convex	80g	10
X381-454	115 x 22/624	12° Convex	120g	10
X381-720	180 x 22/624	12° Convex	40g	10
X381-730	180 x 22/624	12° Convex	60g	10
X381-740	180 x 22/624	12° Convex	80g	10
X381-754	180 x 22/624	12° Convex	120g	10





### ● SMT 628 Flat Abrasive Mop Disc

This is a quality universal product for surface grinding on steel and stainless steel. The abrasive grain is aluminium zirconia and the disc has a glass fibre backing.



ORDER CODE	SIZE REF	TYPE	GRIT SIZE	QTY
X401-420	115 x 22/628	Flat	40g	10
X401-430	115 x 22/628	Flat	60g	10
X401-440	115 x 22/628	Flat	70g	10
X401-454	115 x 22/628	Flat	120g	10



### ● SMT 630 Multibond Flat Abrasive Mop Disc

This product is a specialist mop disc designed for Stainless Steel grinding and finishing work. It is made from aluminium zirconia multibond abrasive which has an impregnated coolant that increases the performance of the disc and also reduces the 'blueing' effect when working on Stainless. The backing disc on the SMT 630 is made from glass fibre.



ORDER CODE	SIZE REF	TYPE	GRIT SIZE	QTY
X411-420	115 x 22/630	12° Convex	40g	10
X411-430	115 x 22/630	12° Convex	60g	10
X411-440	115 x 22/630	12° Convex	80g	10
X411-454	115 x 22/630	12° Convex	120g	10
X411-520	125 x 22/630	12° Convex	40g	10
X411-530	125 x 22/630	12° Convex	60g	10
X411-540	125 x 22/630	12° Convex	80g	10
X411-554	125 x 22/630	12° Convex	120g	10



### ● WSM615 Angle Grinder Mop Disc

This special mop disc is designed for all industrial angle grinders and is ideal working on awkward profiles and positions. Can be used on steel, stainless steel, paints and wood. Mounts quickly and safely into the M14 thread on industrial 115/125mm angle grinders.



ORDER CODE	SIZE REF	GRIT SIZE	QTY
X461-420	115 x 20mm	40g	5
X461-430	115 x 20mm	60g	5
X461-440	115 x 20mm	80g	5
X461-454	115 x 20mm	120g	5
X461-520	125 x 20mm	40g	5
X461-530	125 x 20mm	60g	5
X461-400	125 x 20mm	80g	5
X461-554	125 x 20mm	120g	5

### ● Emery Cloth-Tape Rolls

ORDER CODE	SIZE REF	GRIT SIZE	QTY
X471-030	25mm x 50m	60g	1
X471-040	25mm x 50m	80g	1
X471-050	25mm x 50m	100g	1
X471-054	25mm x 50m	120g	1

### ● Sandflex Hand Blocks

These rubber compound blocks impregnated with abrasive grit are ideal for polishing/finishing metal, plastic, wood surfaces etc.

ORDER CODE	SIZE REF	GRIT SIZE	QTY
X531-030	80 x 50 x 20	Red	1
X531-054	80 x 50 x 20	Green	1
X531-074	80 x 50 x 20	Yellow	1



# Abrasive Products

## Abrasive Sheets, Rolls & Belts

12

### ● Abrasive Sheets

PL31 Standard paper backed sheets are universal and durable for all general sanding applications. For use with portable sanding machines or by hand.

ORDER CODE	SIZE REF	GRIT SIZE	QTY
Y261-820	230 x 280	40g	50
Y261-830	230 x 280	60g	50
Y261-840	230 x 280	80g	50
Y261-850	230 x 280	100g	50
Y261-854	230 x 280	120g	50

ORDER CODE	SIZE REF	GRIT SIZE	QTY
Y261-860	230 x 280	150g	50
Y261-866	230 x 280	180g	50
Y261-874	230 x 280	240g	50
Y261-880	230 x 280	320g	50

### ● Waterproof Abrasive Sheets

A waterproof abrasive paper ideal for sanding flaky paint, varnish, plastics, metals etc. Used widely in the car body repair sector.

ORDER CODE	SIZE REF	GRIT SIZE	QTY
Y271-840	230 x 280mm	80g	50
Y271-854	230 x 280mm	120g	50
Y271-880	230 x 280mm	320g	50

ORDER CODE	SIZE REF	GRIT SIZE	QTY
Y271-882	230 x 280mm	400g	50
Y271-885	230 x 280mm	600g	50
Y271-891	230 x 280mm	1200g	50

### ● Abrasive Sheets

PS22 Heavier weight paper sheets very durable for orbital sanding machines on wood, metal, paint, plastics etc..

ORDER CODE	SIZE REF	GRIT SIZE	QTY
Y291-440	115 x 280	80g	100
Y291-450	115 x 280	100g	100

ORDER CODE	SIZE REF	GRIT SIZE	QTY
Y291-454	115 x 280	120g	100

### ● Abrasive Rolls

Abrasive paper rolls - medium weight for durability on hand sanding or orbital sanding applications. Open coated material for less clogging. For use on all types of wood and metals.

ORDER CODE	SIZE REF	GRIT SIZE	QTY
Y381-330	100mm x 50m	60g	1
Y381-340	100mm x 50m	80g	1
Y381-350	100mm x 50m	100g	1
Y381-354	100mm x 50m	120g	1
Y381-430	115mm x 50m	60g	1
Y381-440	115mm x 50m	80g	1

ORDER CODE	SIZE REF	GRIT SIZE	QTY
Y381-450	115mm x 50m	100g	1
Y381-454	115mm x 50m	120g	1
Y381-460	115mm x 50m	150g	1
Y381-466	115mm x 50m	180g	1
Y381-474	115mm x 50m	240g	1
Y381-480	115mm x 50m	320g	1

### ● Portable Abrasive Belts

Manufactured from resin bonded aluminium oxide cloth these quality cloth belts have ground joints to prevent "bumping" while sanding. For all wood and metal finishing and stock removal applications.

ORDER CODE	SIZE REF	GRIT SIZE	QTY
Y461-030	65 x 410	60g	10
Y461-040	65 x 410	80g	10
Y461-050	65 x 410	100g	10
Y461-054	65 x 410	120g	10
Y461-060	65 x 410	150g	10
Y461-066	65 x 410	180g	10

ORDER CODE	SIZE REF	GRIT SIZE	QTY
Y571-320	100 x 560	40g	10
Y571-330	100 x 560	60g	10
Y571-340	100 x 560	80g	10
Y571-350	100 x 560	100g	10
Y571-354	100 x 560	120g	10
Y571-360	100 x 560	150g	10

Y481-030	75 x 480	60g	10
Y481-040	75 x 480	80g	10
Y481-054	75 x 480	120g	10
Y481-060	75 x 480	150g	10

Y581-320	100 x 610	40g	10
Y581-330	100 x 610	60g	10
Y581-340	100 x 610	80g	10
Y581-350	100 x 610	100g	10
Y581-354	100 x 610	120g	10
Y581-360	100 x 610	150g	10

Y501-130	75 x 533	60g	10
Y501-140	75 x 533	80g	10
Y501-154	75 x 533	120g	10

Y601-330	105 x 620	60g	10
Y601-340	105 x 620	80g	10
Y601-350	105 x 620	100g	10
Y601-354	105 x 620	120g	10
Y601-360	105 x 620	150g	10



#### Machine References - for above belts:

65 x 410	AEG HBSE 65, Black & Decker DN83, B&D OAKLEY Super Sander Drum
75 x 480	Elu MHB 158 (E)
75 x 533	AEG HBSE 75 AE, BOSCH GBS 75, PBS75, DeWalt DW430, DX431 Ryobi 9576V, Skil 594V, 595U
100 x 560	AEG HBS, BBS 100, 100 DeWalt DW650(E), Elu MHB 90(E)
100 x 610	Makita 9402, 9403, 9404, 9924 DB, Ryobi BE 422, 4240 (Ryobi) EBS, 1310V, Porta Cable 8362
105 x 620	Bosch GBS 100A, Festool B5105E, Metabo BA 6100



### • Self Adhesive Finishing Discs - Plain

Sometimes known as PSA (Pressure Sensitive Adhesive) or D/A (Dual Action) these discs are widely used in the furniture industry for stock removal and finishing. Using pressure sensitive adhesive to fix to a backing pad these discs are practical and economical. Stearated paper gives good, low clogging characteristics.



ORDER CODE	SIZE REF	GRIT SIZE	QTY
Y611-620	150mm	40g	100
Y611-630	150mm	60g	100
Y611-640	150mm	80g	100
Y611-650	150mm	100g	100
Y611-654	150mm	120g	100
Y611-660	150mm	150g	100

ORDER CODE	SIZE REF	GRIT SIZE	QTY
Y611-666	150mm	180g	100
Y611-674	150mm	240g	100
Y611-678	150mm	280g	100
Y611-680	150mm	320g	100
Y611-682	150mm	400g	100

### • Self Adhesive Finishing Discs - Holed

6 Hole pattern GLS3 Type. Quality of material is as described above.



ORDER CODE	SIZE REF	HOLE PATTERN	GRIT SIZE	QTY
Y631-640	150mm	GLS3	80g	100
Y631-650	150mm	GLS3	100g	100
Y631-654	150mm	GLS3	120g	100

ORDER CODE	SIZE REF	HOLE PATTERN	GRIT SIZE	QTY
Y631-660	150mm	GLS3	150g	100
Y631-666	150mm	GLS3	180g	100
Y631-674	150mm	GLS3	240g	100

### • Velcro Backed Delta Strips

Triangular velcro strips with GLS15 hole pattern. Suitable for Metabo & Bosch Tri-Sanders 96mm Triangle.



ORDER CODE	SIZE REF	GRIT SIZE	QTY
Y701-230	96mm	60g	50
Y701-240	96mm	80g	50
Y701-250	96mm	100g	50

ORDER CODE	SIZE REF	GRIT SIZE	QTY
Y701-254	96mm	120g	50
Y701-260	96mm	150g	50

### • Velcro Backed Discs

These discs have been selected to give versatile non clogging performance on all woods, metals, paints, fillers, plastics etc. They are an aluminium oxide, semiopen coated resin bonded material. See opposite page for hole patterns.



Y741

ORDER CODE	SIZE REF	HOLE PATTERN	GRIT SIZE	QTY
Y741-530	125mm	GLS5	60g	50
Y741-540	125mm	GLS5	80g	50
Y741-550	125mm	GLS5	100g	50
Y741-554	125mm	GLS5	120g	50
Y741-560	125mm	GLS5	150g	50
Y741-566	125mm	GLS5	180g	50
Y751-640	150mm	Plain	80g	50
Y751-650	150mm	Plain	100g	50
Y751-654	150mm	Plain	120g	50
Y751-660	150mm	Plain	150g	50
Y771-654	150mm	GLS1	120g	50
Y771-666	150mm	GLS1	180g	50
Y771-680	150mm	GLS1	320g	50

ORDER CODE	SIZE REF	HOLE PATTERN	GRIT SIZE	QTY
Y781-640	150mm	GLS2	80g	50
Y781-654	150mm	GLS2	120g	50
Y791-630	150mm	GLS3	60g	50
Y791-640	150mm	GLS3	80g	50
Y791-650	150mm	GLS3	100g	50
Y791-654	150mm	GLS3	120g	50
Y811-630	150mm	GLS7	60g	50
Y811-640	150mm	GLS7	80g	50
Y811-650	150mm	GLS7	100g	50
Y811-654	150mm	GLS7	120g	50
Y811-660	150mm	GLS7	150g	50
Y811-666	150mm	GLS7	180g	50

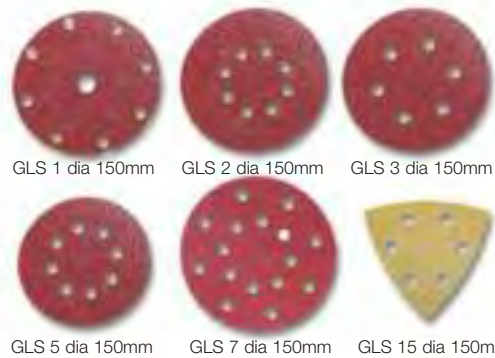


Y791



### Hole Patterns

These pictures show the various hole configurations used on the most common makes of random orbital and delta sanders. Please enquire for further information or machine compatibility.



### Backing Pads

Used as shown below for either Velcro or Self adhesive Discs on to Random Orbital/Dual Action Sanders. Supplied with 5/16" UNF Thread suitable for most sanders. SS = Self Stick. VEL = Velcro.

ORDER CODE	SIZE REF	PATTERN	QTY
Y821-661	150 SS	Plain	1
Y821-662	150 SS	H/Duty Plain	1
Y821-663	150 SS	Super 6 GLS3	1
Y821-671	150 VEL	Plain	1
Y821-672	150 VEL	H/Duty Plain	1



### Base Pads for Metabo Sanders

ORDER CODE	SIZE REF	TYPE	TO SUIT MACHINE
Y821-710	80mm	Velcro	SXE400
Y821-715	125mm	Velcro	SXE425
Y821-720	150mm	Velcro	SXE425 X L/SXE450
Y821-725	150mm	Self adhesive	SXE425 X L/SXE450
Y821-730	96mm	Velcro	DSE130/DSE170



### Velcro Backed Strips

These flexible abrasive sheets with velcro backing give excellent performance with the sanding blocks below.

ORDER CODE	SIZE REF	GRIT SIZE	QTY
Y831-030	70 x 125	60g	100
Y831-040	70 x 125	80g	100
Y831-050	70 x 125	100g	100
Y831-054	70 x 125	120g	100
Y831-060	70 x 125	150g	100
Y831-066	70 x 125	180g	100
Y831-074	70 x 125	240g	100
Y831-082	70 x 125	400g	100



### Accessories

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Y851-005	70 x 125	Hand Block Med/Soft	1
Y851-010	70 x 125	Hand Block Med/Hard	1
Y851-401	115 x 280	1/2 Sheet Conversion Kit	1





### ● Sponge Abrasive Pads

For Wet or Dry applications. Double sided Silicone Carbide Sponge Pads. Ideal for sanding lacquer & varnish.

ORDER CODE	SIZE REF	GRIT SIZE	QTY
Y861-240	122mm x 97 x 12	80g	10
Y861-250	122mm x 97 x 12	100g	10
Y861-260	122mm x 97 x 12	150g	10
Y861-266	122mm x 97 x 12	180g	10
Y861-272	122mm x 97 x 12	220g	10
Y861-274	122mm x 97 x 12	240g	10
Y861-280	122mm x 97 x 12	320g	10

### ● Non-Woven Web Abrasive

Abrasive impregnated nylon web. Ideal for keying-in and de-nibbing. Versatile and durable for wet or dry use.

ORDER CODE	SIZE REF	GRADE		QTY
Y871-610	150 x 230	Medium	Green	10
Y871-620	150 x 230	Very fine	Red	10
Y871-630	150 x 230	Ultra fine	Grey	10

### ● Non-Woven Web Mop Disc

An abrasive nylon web available in Mop Disc design for final finishing of stainless steel and steel. Ideal for awkward areas such as handrails.

ORDER CODE	SIZE REF	GRADE	DESCRIPTION	QTY
Y881-410	115 x 22	Coarse	Non-woven Web Mop Disc	10
Y881-420	115 x 22	Medium	Non-woven Web Mop Disc	10
Y881-430	115 x 22	Fine	Non-woven Web Mop Disc	10

### ● Drum Sander

This is a simple attachment which fits into the chuck of suitable drills. Especially for contours. Belt size 65 x 410

ORDER CODE	SIZE REF	QTY
Y891-082	Drum Sander	1

### ● Belt Cleaning Sticks

Used to remove resin and sawdust from abrasive belts to achieve increased working life. Simply run the sander and apply the stick to the moving belt or pad.

ORDER CODE	SIZE REF	QTY
Y901-070	BCS 8 x 2	1

**Belts for Wide Belt Sanders, Pad Sanders and Speed Sanders available to order to CAMA sizes.**



# Safety & Hand Tools





### • Safety Helmets

FIXFIRM's Safety Helmets are approved to EN397

ORDER CODE	SIZE REF	QTY
Z011-100	Standard White Safety Helmet	1
Z011-200	Comfort Plus White Safety Helmet	1

### • Ear Protection

ORDER CODE	SIZE REF	QTY
Z021-010	Ear Muffs EN352 rated	1 pr
Z021-020	E.A.R Plugs Foamed Polymer (single/pair)	1 pr
Z021-030	E.A.R Plugs Foamed Polymer (box)	250 prs
Z021-040	One Touch Ear Plug Dispenser	1
Z021-045	One Touch Refill	500prs
Z021-050	E.A.R. Caboflex	1pr
Z021-051	E.A.R. Replacement Cones	10 prs
Z021-060	E.A.R. Cabocap	1pr
Z021-061	E.A.R Replacement Pods	10 prs
Z021-070	E.A.R Cabocord	50 prs

### • Eye & Face Protection

Z031-013 UVEX Ultravision Goggles give protection against chemical splashes, dust, impact and molten metal, protection to EN 166 1B 349KN. They are comfortable to wear and give 180° field of vision.

Items Z031-120 - Z031-230 are a full face protection visor system to BS EN 166 3-B (or F) ideal for most applications.

### • Goggles

ORDER CODE	SIZE REF	QTY
Z031-012	SG/12 Safety Goggles Indirect Ventilation EN166 349B	1 pr
Z031-013	SG/UVEX Ultravision Safety Goggles EN166-349B	1pr

### • Spectacles

ORDER CODE	SIZE REF	QTY
Z031-014	SS/05 Safety Overspecs EN166-IF	1
Z031-016	SS/10 Safety Spectacles to EN166-IF	1
Z031-019	SG/15 Sports Style Safety Spectacles EN166-2-1.21Ft	1pr
Z031-020	SG/20 Uvex I-VO Sports Style Safety Spectacles EN166 2-1.2WIF	1pr

### • Faceshields and Visors

ORDER CODE	SIZE REF	QTY
Z031-120	CB20 Ratchet Faceshield Browguard	1
Z031-204	CV84A 200mm Clear Acetate Visor	1
Z031-230	CV84AG 200mm Green Acetate Visor	1

### • Eye Wash Station

ORDER CODE	SIZE REF	QTY
Z034-100	Wall Mounted Eye Wash Station	1



### First Aid Kits

ORDER CODE	SIZE REF	QTY
Z034-110	10 Person First Aid Kit	1
Z034-120	20 Person First Aid Kit	1
Z034-150	50 Person First Aid Kit	1



### Respiratory Protection

Our respiratory protection is a range of quality masks which meet the requirements of many low/medium risk environments.

FFP1	Protection against non-toxic dusts and oil/water based particles
FFP2 + FFP2V	Protection against fine toxic dusts/mists/fumes and oil/water based particles
FFP3V	Protection against fire toxic dusts/mists/fumes/metal fumes and oil/water based mists and nuisance odours

ORDER CODE	SIZE REF	QTY
Z041-050	Nuisance Dust Mask (non-toxic dust)	50
Z041-120	FFP1 Dust Mask	20
Z041-220	FFP2 Moulded Dust Mask	20
Z041-290	FFP2V Valved Moulded Dust Masks	10
Z041-300	FFP3V Valved Moulded Dust Masks	5



### Gloves

ORDER CODE	SIZE REF	QTY
Z051-010	Cotton Chrome	1 Pair
Z051-011	Close-fit Nitrile Coated Palm Gloves	1 Pair
Z051-012	Canadian Rigger	1 Pair
Z051-014	Yellow Soft Leather Riggers	1 Pair
Z051-016	PVC Knitted Cuff	1 Pair
Z051-018	Yellow Criss Cross	1 Pair
Z051-019	Builders Grip Latex Coated Palm Gloves (Grippa)	1 Pair
Z051-020	14" Welding Gauntlet	1 Pair
Z051-025	Large Vinyl Disposable Gloves	100
Z051-028	Large Latex Disposable Gloves (not illustrated)	100
Z051-029	Large Nitrile Disposable Gloves (not illustrated)	100
Z051-030	Extra Large Nitrile Disposable Gloves (not illustrated)	100







### • HI VIS Clothing

These high visibility jackets and waistcoats are manufactured to EN341 Class 3 and Class 2. Motorway jackets are waterproofed to EN343.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z061-010	L	Hi Vis Motorway Jackets	1
Z061-020	XL	Hi Vis Motorway Jacket	1
Z061-210	L	Hi Vis Waistcoat	1
Z061-220	XL	Hi Vis Waistcoat	1



### • Disposable Overalls & Overshoes

These disposable overalls have a zip-up front, elasticated hood, cuffs and ankles. For added protection or when contractors are entering clean areas our PVC overshoes should also be used.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z062-020	XL	Disposable Overalls	10
Z062-320	XL	PVC Disposable Overshoes	100



### Fire Extinguishers and Equipment

We can offer a comprehensive range of fire fighting equipment. In addition to the core items listed below we can also supply a range of cabinets, trolleys, hoses, reels and hydrant equipment etc. Full details of these products are available on request.

#### • Maintenance and Servicing Contracts

As you will know it is both a vital and legal requirement that all fire extinguishing appliances should be periodically serviced to the correct British standards. We are now able to arrange for this service to be carried out for all your extinguishers both new and existing. Please speak to our sales team for further information.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z091-020	FPC2	2kg CO2 Fire Extinguisher	1
Z091-120	FPP2	2kg Dry Powder Fire Extinguisher	1
Z091-140	FPP4	4kg Dry Powder Fire Extinguisher	1
Z091-160	FPP6	6kg Dry Powder Fire Extinguisher	1
Z091-260	FPF6	6kg Foam Fire Extinguisher	1
Z091-390	FPW9	9ltr Water Fire Extinguisher	1
Z091-610	FPRI	1.0m x 1.0m Fire Blanket	1



Fire Trolley  
available to order







### Hand Cleaners

#### • Deb Natural

A high performance cream hand cleaner designed to remove Tar, Bitumen, Resins, Glues, Inks, Grease, Grime etc. With a neutral PH and added natural conditioners this product is very suitable for frequent washing.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z101-004	400ml	Hand Pump Pot	1
Z101-045	4.5 litre	Large Bottle	1
Z101-100		Pump for above	1

#### • Tufanega Green Gel

A general duty economical hand cleaner for industrial use.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z101-110	1 Kg	Handy Pot	1
Z101-145	4.5 litre	Workshop Pot	1

#### • Tufanega Original

An advanced gel hand cleaner with polymer granules for deep-down cleaning to remove the most stubborn of soilings.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z101-250	500g	Handy Pot	1

#### • SX Multi Purpose Cleaning Wipes

Quick convenient and highly effective wipes removes uncured silicone, uncured PU foam oil, most adhesives, paints and grease from hands, tools and work surfaces.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z101-350	80/tub	Multi Purpose Wipes	1

#### • Barrier Cream

This barrier cream provides good pre-work protection for the skin against oils, grease, general grime and dust and comes in a easy to apply tube.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z101-400	148ml	Go-Jo Handmedic Barrier Cream	1 tube

#### • Sweeping Brushes

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z111-081	13"	Yard Brush c/w Handle	1
Z111-285	24"	Platform Broom c/w Handle & Stay	1
Z111-300		Dustpan & Brush Set	1

#### • Rubbish Sacks

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z112-010		Black Standard Bin Liners	200
Z112-120	20" x 30" H/Duty	Rubble Sacks	100



### Lubricants

#### • Penetrating Release Fluid - PRF

Ideal for a wide range of uses throughout industry where parts have become seized through corrosion. Displaces water, lubricates and protects without drying off or harming most paints.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z121-004	450 ml	PRF-Penetrating Release Fluid	12

#### • Duck Oil

A fast-acting penetrating lubricant giving protective properties.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z121-104	500 ml	Duck Oil Aerosol	12
Z121-150	5 litre	Duck Oil c/w Polythene Spray Bottle	1

#### • Silicone Spray

Silicone Spray is used as a dry lubricant for machine beds e.g. woodworking machines, hand saws etc.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z121-204	400ml	SSRA Aerosol	12

#### • Cutting Fluids & Compounds

Cutting compounds developed to prolong tool life and enhance performance.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z131-150	500g	Rocol RTD Cutting Compound	1
Z131-235	350g	Rocol RTD Cutting Fluid	1
Z131-330	300ml	Rocol RTD Foamcut Spray	1
Z131-450	500ml	Treflex Cutting Compound	1
Z131-617	170ml	Lenox Protocol Lube Spray	1
Z131-620	400ml	Drilling & Cutting Spray	1

#### • Threadlock & Pipe Thread Seal

Threadlock is a medium strength anaerobic thixotropic non-drip product which allows for disassembly. For use on nuts, bolts, screws and threads even if they are oil contaminated.

Pipe Thread Seal is an instant anaerobic sealant for most thread types. It sets to burst pipe pressure and will not shrink or crack. Use on screwed threads, pipework, pneumatic systems etc.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z132-010	10g	Red Threadlock	1
Z132-150	50ml	Yellow Pipe Thread Seal	1





### • Paint Products

These products are ideally suited for providing a corrosion resistant coating to metal parts, e.g. cut ends of galvanised channel, conduit or threaded rod.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z141-004	400ml	Tin Galvaform Paint	1
Z141-010	1.9 litre	Tin Galvaform Paint	1
Z141-105	500ml	Galvaform Thinners/Cleaner	1
Z141-205	500ml	Hard Hat 2185 Galv Spray	1
Z141-210	400ml	Tectane Galv Spray	1
Z141-304	400ml	Matt Black Aerosol Spray	1
Z141-410	1kg	Zinga Galv Paint	1
Z141-420	500ml	Zinga Galv Paint Aerosol	1
Z141-430	1 litre	Zinga Solvent/Thinners	1
Z141-525	2.5 litre	Red Oxide Primer	1

**For Hand Cleaner  
see page 236**



### • White Spirit

For general cleaning and degreasing, including brushes and painting equipment.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z142-007	750ml	White Spirit	1
Z142-040	4 litre	White Spirit	1

### • Paint Brushes

Budget range for stains, paints, oils etc. The quality is reflected in the very keen prices.

Quality Decorators range, with pure black bristles, nickel plated ferrule and polished handles, wallated.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z151-006	1/2"	Budget Paint Brushes	1
Z151-012	1"	Budget Paint Brushes	1
Z151-019	1 1/2"	Budget Paint Brushes	1
Z151-025	2"	Budget Paint Brushes	1
Z151-037	3"	Budget Paint Brushes	1
Z151-050	4"	Budget Paint Brushes	1
Z151-106	1/2"	Decorators Paint Brushes	1
Z151-112	1"	Decorators Paint Brushes	1
Z151-119	1 1/2"	Decorators Paint Brushes	1
Z151-125	2"	Decorators Paint Brushes	1
Z151-137	3"	Decorators Paint Brushes	1
Z151-150	4"	Decorators Paint Brushes	1



### • Paint Rollers

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z152-070	7" x 1 <sup>3</sup> / <sub>4</sub> "	Paint Roller	1
Z152-075	7" x 1 <sup>3</sup> / <sub>4</sub> "	Refill	1
Z152-090	9" x 1 <sup>3</sup> / <sub>4</sub> "	Paint Roller	1
Z152-095	9" x 1 <sup>3</sup> / <sub>4</sub> "	Refill	1
Z152-170	7"	Plastic Paint Tray	1
Z152-190	9"	Plastic Paint Tray	1



Z153-200

### • Radiator Paint Rollers

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z153-040	4" x 11"	Handle and Roller	1
Z153-045	4"	Simulated Sheepskin Refill	1
Z153-046	4"	High Density Foam Refill	1
Z153-047	4"	Solvent Resistant Refill	1
Z153-200	22"	Replacement Handle	1

### • Dust Sheet

Quality cotton twill dust sheet.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z154-129	3.6m x 2.7m (12' x 9')	Dust Sheets	1

### • Scraper

Heavy duty scraper with replaceable blades.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z155-100	100 x 300mm	H/Duty Scraper	1
Z155-110	100mm Replacement Scraper Blades (Pack of 10)		1pack

### • Batteries

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z181-204	AAA (pk 4)	1.5v Duracell Plus Batteries	1
Z181-404	AA (pk 4)	1.5v Duracell Plus Batteries	1
Z181-602	C (pk 2)	1.5v Duracell Plus Batteries	1
Z181-702	D (pk 2)	1.5v Duracell Plus Batteries	1
Z181-801	9v (pk 1)	9v Duracell Plus Batteries	1
Z181-811	6v (pk 1)	6v Lantern Type Battery	1



### • Torch

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z182-010	6v	Torch/Lantern c/w Battery	1







## Professional Screwdrivers

### • Pozidrive (cross-recess) Round Shank

ORDER CODE	SIZE REF	BLADE LENGTH mm	TIP SIZE mm	QTY
Z211-010	25 x PZ1	25 x	No.1 Pozidrive	1
Z211-013	80 x PZ1	80 x	No.1 Pozidrive	1
Z211-018	250 x PZ1	250 x	No.1 Pozidrive	1
Z211-021	25 x PZ2	25 x	No.2 Pozidrive	1
Z211-024	100 x PZ2	100 x	No.2 Pozidrive	1
Z211-028	250 x PZ2	250 x	No.2 Pozidrive	1
Z211-036	150 x PZ3	150 x	No.3 Pozidrive	1
Z211-047	200 x PZ4	200 x	No.4 Pozidrive	1

### • Torx - Round Shank

ORDER CODE	SIZE REF	BLADE LENGTH mm	TIP SIZE mm	QTY
Z211-222	80 x TZ15	50 x	Torx 15	1
Z211-234	100 x TZ20	100 x	Torx 20	1
Z211-244	100 x TZ25	100 x	Torx 25	1

### • Slotted - Round Parallel Tip

ORDER CODE	SIZE REF	BLADE LENGTH mm	TIP SIZE mm	QTY
Z211-404	100 x 3.5SP	100 x	3.5	1
Z211-414	100 x 4.0SP	100 x	4.0	1
Z211-425	125 x 5.5SP	125 x	5.5	1
Z211-427	200 x 5.5SP	200 x	5.5	1

### • Slotted - Round Flared Tip

ORDER CODE	SIZE REF	BLADE LENGTH mm	TIP SIZE mm	QTY
Z211-431	45 x 6.5SF	45 x	6.5	1
Z211-446	150 x 7.0SF	150 x	7.0	1
Z211-447	200 x 9.0SF	200 x	9.0	1

### • Screwdriver Set

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z211-909	9 Piece	High-tech Hand Screwdriver Set	1

### • Bit Holder Screwdriver

ORDER CODE	SIZE REF	BLADE LENGTH mm	TIP SIZE mm	QTY
Z211-954	BH - FXD	100 x	1/4 Hex Reception	1

### • Ratchet Magnetic Bit Holder Screwdriver

ORDER CODE	SIZE REF	BLADE LENGTH mm	TIP SIZE mm	QTY
Z211-958	BH-RTCT	100 x	1/4 Hex Reception	1

### • Mains Testing Screwdrivers

ORDER CODE	SIZE REF	BLADE LENGTH mm	TIP SIZE mm	QTY
Z211-965	MTS 65	65 x	Slotted	1
Z211-966	MTS 100	100 x	Slotted	1

### Spanners

#### • Combination Spanners & Sets

ORDER CODE	SIZE REF		DESCRIPTION	QTY
Z251-008	8mm	(M5)	Combination Spanner	1
Z251-010	10mm	(M6)	Combination Spanner	1
Z251-013	13mm	(M8)	Combination Spanner	1
Z251-017	17mm	(M10)	Combination Spanner	1
Z251-019	19mm	(M12)	Combination Spanner	1
Z251-024	24mm	(M16)	Combination Spanner	1
Z251-091	6-19mm		Combination Spanner Set	1

#### • Adjustable Spanners

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z251-460	6"	Adjustable Spanner	1
Z251-475	10"	Adjustable Spanner	1
Z251-480	12"	Adjustable Spanner	1

#### • Socket Set

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z261-624	1/2" Drive	24 Piece Metric Socket Set	1

#### • Hexagon Wrenches (Allen Keys)

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z281-020	2.0mm	Hexagon Wrenches (Allen Keys)	1
Z281-025	2.5mm	Hexagon Wrenches (Allen Keys)	1
Z281-030	3.0mm	Hexagon Wrenches (Allen Keys)	1
Z281-040	4.0mm	Hexagon Wrenches (Allen Keys)	1
Z281-050	5.0mm	Hexagon Wrenches (Allen Keys)	1
Z281-060	6.0mm	Hexagon Wrenches (Allen Keys)	1
Z281-080	8.0mm	Hexagon Wrenches (Allen Keys)	1
Z281-100	10.0mm	Hexagon Wrenches (Allen Keys)	1
Z281-120	12.0mm	Hexagon Wrenches (Allen Keys)	1
Z281-140	14.0mm	Hexagon Wrenches (Allen Keys)	1
Z281-505	1.27 - 10.0mm	Metric Hexagon Wrench Set	1
Z281-515	1/16" - 3/8"	Imperial Hexagon Wrench Set	1

#### • Pliers

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z301-160	6"	Insulated Combination Pliers	1
Z301-170	8"	Insulated Combination Pliers	1
Z301-260	6"	Insulated Sidecutters	1
Z301-355	6"	Long Nose Pliers	1
Z301-475	10"	Waterpump Pliers	1

#### • Grips

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z301-675	10"	Visegrip Gripping Pliers	1

#### • Pincers

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z301-765	7"	Pincers	1pr



### • Hammers & Mallets

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z331-004	4oz	Pin Hammer	1
Z331-012	12oz	Warrington Hammer	1
Z331-020	20oz	Fibre Glass Shaft Claw Hammer	1

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z331-175	2 1/2lb	Club Hammer	1
Z331-189	10lb	Sledge Hammer	1

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z331-320	2lb	Soft Faced Mallet (Nylon)	1
Z331-411	110mm	Wooden Mallet	1

### • Punches

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z351-010	1/16"	Nail Punch	1
Z351-020	1/8"	Nail Punch	1
Z351-120	1/8"	Centre Punch	1

### • Bevel Edge Chisels & Sets

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z401-003	1/4"	Bevel Edge Chisel	1
Z401-005	3/8"	Bevel Edge Chisel	1
Z401-006	1/2"	Bevel Edge Chisel	1
Z401-010	3/4"	Bevel Edge Chisel	1
Z401-012	1"	Bevel Edge Chisel	1
Z401-016	1 1/4"	Bevel Edge Chisel	1
Z401-096	6 piece	Bevel Edge Chisel Set	1

### • Cold Chisel & Bolsters

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z411-175	10" x 1"	Cold Chisel	1
Z411-237	3"	Bolster with Safety Grip	1
Z411-250	4"	Bolster with Safety Grip	1

### • Scutch Chisels, Hammers & Combs

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z411-312		Scutch Hammer	1
Z411-512	1" x 8"	Scutch Comb Chisel	1
Z411-519	1 1/2" x 8"	Scutch Comb Chisel	1
Z411-712	1"	Scutch Combs (per pack of 10)	1pack
Z411-719	1 1/2"	Scutch Combs (per pack of 10)	1pack

### • Vaughan Superbars

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z411-815	15"	Vaughan Superbar	1
Z411-821	21"	Vaughan Superbar	1



### Floor Bully Scrapers

These heavy duty floor scrapers are ideal for removing stubborn tiles, adhesives, mortar drops etc.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z421-060	150mm/6"	Floor Bully Scraper	1
Z421-080	300mm/12"	Floor Bully Scraper	1

### Planes

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z431-004	No.4	Smoothing Plane	1
Z431-110	No.110	Block Plane	1

### Knives & Blades

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z441-005		Retractable Blade Trimming Knife	1
Z441-100		Heavy Duty Knife Blades (per pack of 100)	1box
Z441-210		Hooked Blades (per pack of 10)	1pack

### LENOX Gold Utility Knives

An high quality trimming knife from Lenox built to deal with tough and abrasive materials featuring an extremely durable titanium coated nose piece and utilising titanium coated Bi Metal blades that are virtually unbreakable. Storage for up to 5 blades within handle.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z441-211	Lenox	Gold Fixed Blade Knife	1
Z441-212	Lenox	Gold Retractable Blade Knife	1
Z441-225	Lenox	Gold Bi Metal Knife Blades (per pack of 5)	1 pack
Z441-230	Lenox	Gold Bi Metal Knife Blades (dispenser pack 50)	1 pack

### Filler Knife

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z441-600	25mm	Flexible Filler Knife	1

### Knife & Tool Sharpeners

The Accusharp knife and tool sharpener is ideal for all types of knives, shovels, axes etc. Try it yourself and see why the Accusharp is the world's best selling knife and tool sharpener.

The Scissor Sharp works on the same principle but is designed for use on scissors and shears.

The Sturdy Mount is a knife sharpener for fixing onto a carving board, butchers block etc. so you always have a sharpener near to hand.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z442-010	Accusharp	Knife and Tool Sharpener	1
Z442-020	Scissor Sharp	Scissor & Shear Sharpener	1
Z442-030	Sturdy Mount	Knife Sharpener	1





### Files

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z451-311	10"	Flat Bastard Cut File	1
Z451-312	10"	Flat 2nd Cut File	1
Z451-313	10"	Flat Smooth Cut File	1
Z451-321	10"	Half/Round Bastard Cut File	1
Z451-322	10"	Half/Round 2nd Cut File	1
Z451-323	10"	Half/Round Smooth Cut File	1
Z451-331	10"	Round Bastard Cut File	1
Z451-332	10"	Round 2nd Cut File	1
Z451-955	125mm	Hardwood Handle	1

N.B. Files are supplied without handles. Please order separately.

### Wire Brush

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z461-130		3 Row Steel Wire Brush	1

### Hacksaw Frames

#### High Tension Hacksaw Frame

The frame will tension a blade up to 30,000psi which prevents blade breakage and twisting therefore improving productivity and giving longer blade life. The heavy duty frame has blade storage facility and can be used for flush cutting.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z501-100	12"/300mm	Hacksaw Frame	1

#### Heavy Duty Hacksaw Frame

Heavy Duty hacksaw frame is an all metal frame giving the highest tension of any frame in its class.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z501-200	12"/300mm	Hacksaw frame	1

#### Hacksaw

Designed for the hard to get at jobs. It has a rugged heavy duty aluminium frame.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z501-300	12"/300mm	Hacksaw frame	1

### LENOX Tri-Fold Saws

The Lenox Tri-fold saw cuts even in hard to get at places. The blade locks in three cutting positions and folds into the handle when not in use. Uses Lenox reciprocating saw blades. **For spare blades see page 212.**

ORDER CODE	SIZE REF	LENEX CODE	DESCRIPTION	QTY
Z501-400	TRI-FOLD	3636	Saw for wood & non-metallic	1
Z501-405	TRI-FOLD	3618	Saw for metal cutting	1

### • Junior Hacksaw Frames

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z501-500	150mm	Junior Hacksaw Frame	1



**For Hacksaw Blades**  
see page 213



### • Handsaws

We recognise that tradesmen have different requirements and preferences on handsaws therefore we stock a variety of makes and grades as shown below. We regularly have special offers on these saws please contact our sales for current deals.

The PPI (Points Per Inch) shown on the chart indicates the types of cut the higher the PPI the finer the cut.

ORDER CODE	SIZE REF	DESCRIPTION	POINTS PER INCH	QTY
Z521-019	10"	Jack1360 Hardpoint Tenon Saw	13PPI	1
Z521-122	22"	FIXFIRM Contract Handsaw		1
Z521-220	20"	Spear & Jackson B95 Handsaw	8PPI	1
Z521-222	22"	Spear & Jackson B95 Handsaw	8PPI	1
Z521-322	22"	S&J Universal Predator Handsaw	8PPI	1
Z521-422	22"	S&J Second Fix Predator Handsaw	10PPI	1
Z521-520	20"	Jack 880PLUS Handsaw	8PPI	1
Z521-522	22"	Jack 990PLUS Handsaw	10PPI	1



Z521-019



Z521-520



Z521-522



Z521-222



Z521-422



Z521-322

### • Bowsaws & Blades

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z531-021	21"	Bowsaw	1
Z531-024	24"	Bowsaw	1
Z531-221	21"	Contractors Bowsaw Blades	1
Z531-224	24"	Contractors Bowsaw Blades	1



### • Coping Saws & Blades

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z541-060	6"	Coping Saw	1
Z541-160	6"	Coping Saw Blades (per pack of 10)	1





Z601-081



Z601-180

Z601-230

### • Tape Measures

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z601-050	5m	Hi-Viz Budget Tape Measure	1
Z601-081	8m	Hi-Viz Budget Tape Measure	1
Z601-130	3m	Premium Tape Measure	1
Z601-150	5m	Premium Tape Measure	1
Z601-180	8m	Premium Tape Measure	1
Z601-230	30m	Fibreglass Tape Measure	1
Z601-250	50m	Fibreglass Tape Measure	1

### • Steel Rules

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z601-560	150mm	Steel Rule	1
Z601-580	300mm	Steel Rule	1
Z601-589	1000mm	Steel Rule	1

### • Squares

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z611-073	9"	Try Square	1
Z611-180	300mm	Combination Square	1
Z611-268	190mm	Sliding Bevel	1
Z611-485	600 x 480	Metric Rafter Square	1

### • Folding A-Squares

The A-Square is the ultimate setting out square that folds up with an auto self lock.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z611-618	16"	Folding A-Square	1
Z611-634	3' x 4' x 5'	Folding A-Square	1

### • Chalklines & Marking Gauges



ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z621-100	100ft	Chalkline Holder	1
Z621-105	White	Chalkline Powder Refill	1
Z621-110	Red	Chalkline Powder Refill	1
Z621-120	Blue	Chalkline Powder Refill	1
Z621-240	240mm	Marking Gauge	1

### • Bradawl

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z621-322	1 1/4" x 3/32"	Bradawl	1

### • Survey Marker Sprays

Survey markers are ideal for applications where highly visible marking is desired. The unique sprayhead has a narrow spray pattern, allowing accurate marking on a variety of substrates.

ORDER CODE	SIZE REF		DESCRIPTION	 QTY
Z631-057	750ml	White	Survey Spray	6
Z631-067	750ml	Red	Survey Spray	6
Z631-077	750ml	Blue	Survey Spray	6
Z631-087	750ml	Yellow	Survey Spray	6

### • Pencils, Crayons & Paint Markers

ORDER CODE	SIZE REF	QTY
Z641-012	Medium Carpenter's Pencils (per box of 12)	1 box
Z641-020	Hanson Premium Carpenters Pencils	1
Z641-030	Hanson Carpenters Pencil Sharpener	1
Z641-105	50ml White Paint Ball Marker	1
Z641-108	50ml Yellow Paint Ball Marker	1
Z641-215	10 x 10 x 100 French Chalk (per box of 10)	1 box
Z641-255	10 x 10 x 100 French Chalk (per box of 50)	1 box
Z641-605	1/4" White Wax Marking Crayons (per box of 12)	1 box
Z641-608	1/4" Yellow Wax Marking Crayons (per box of 12)	1 box
Z641-709	Black Permanent Marker Pen	1



### • Spirit Levels

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z651-025	250mm	Magnetic Scaffolding Level	1
Z651-106	600mm	Spirit Level	1
Z651-110	1000mm	Spirit Level	1
Z651-112	1200mm	Spirit Level	1
Z651-118	1800mm	Spirit Level	1



### • Empire True Blue Pro Spirit Levels

These levels are designed for the professional. They give maximum accuracy to within 0.0005" per inch in all ten level and plumbing working positions - no other level even comes close.

The True Blue vials give superior accuracy, are easier to see and won't break, leak or fog. The levels are designed to have extreme shock resistance to withstand those common mishaps! Empire True Blue levels have a lifetime warranty against imperfections in materials and workmanship.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z652-073	EM51-9"	Magnetic Torpedo Level	1
Z652-080	EM81-12"	Magnetic Torpedo Level	1
Z652-106	E70-24"	True Blue Box Level	1
Z652-112	E70-48"	True Blue Box Level	1
Z652-118	E70-72"	True Blue Box Level	1



### • Pointing & Grouting Gun

This quality pointing and grouting gun makes the job of re-pointing much easier and cleaner than conventional methods.

ORDER CODE	SIZE REF	QTY
Z661-100	Pointing & Grouting Gun	1



### • Trowels

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z661-160	6"	Professional Pointing Trowel	1
Z661-177	11"	Professional Bricklayer's Trowel	1



### • Floats & Lines

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z661-277	11"	Plasterer's Float Trowel	1
Z661-381	14"	Urethane Float	1





### • Staplers & Staples

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z671-014	RAPID 14	Staple Gun 6 - 8mm capacity	1
Z671-034	RAPID 34	Staple Gun 6 - 14mm capacity	1
Z671-036	RAPID 36	Cable Tacker 14mm capacity (For Intercom, Telecom, Alarms - not suitable for mains supply wiring)	1
Z671-111	RAPID 11E	Hammer Tacker	1

### • Staples

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z671-403	140/6mm	Suits R14 R34 R11E	2000
Z671-404	140/8mm	Suits R14 R34 R11E	2000
Z671-405	140/10mm	Suits R14 R34 R11E	2000
Z671-406	140/12mm	Suits R14 R34 R11E	2000
Z671-407	140/14mm	Suits R14 R34 R11E	2000
Z671-606	36/12mm	Cable Staples for R36	960

### • Threaded Rod Cutters

For cutting threaded rod quickly and easily without burring or damaging threads.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z681-006	TRC M6	Threaded Rod Cutter	1
Z681-008	TRC M8	Threaded Rod Cutter	1
Z681-010	TRC M10	Threaded Rod Cutter	1
Z681-106	M6	Replacement Rod Cutter Blades	1 set
Z681-108	M8	Replacement Rod Cutter Blades	1 set
Z681-110	M10	Replacement Rod Cutter Blades	1 set

### • G-Clamps

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z690-360	6"	G-Clamps	1
Z690-370	8"	G-Clamps	1
Z690-375	10"	G-Clamps	1
Z690-380	12"	G-Clamps	1

### • Speed Clamps

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z691-100	100mm	Speed Clamp	1
Z691-150	150mm	Speed Clamp	1

### • Multi-Purpose Spring Clips

Ideal for temporary clamping in glueing operations etc.

ORDER CODE	SIZE REF	GRIP SIZE	QTY
Z691-250	MPSC 50	50mm	10





### • Masking & Packing Tape

ORDER CODE	SIZE REF	DESCRIPTION
Z701-109	18mm x 50m	Masking Tape
Z701-112	25mm x 50m	Masking Tape
Z701-119	38mm x 50m	Masking Tape
Z701-125	50mm x 50m	Masking Tape
Z701-204	50mm x 66m	Clear Vinyl Packing Tape
Z701-245	50mm x 66m	Buff Vinyl Packing Tape
Z701-299		Dispenser for above



### • Specialist Tapes

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z702-325	50mm x 50m	Silver Polycloth tape (Duct Tape)	1
Z702-425	50mm x 25m	Closure Plate tape high temp. Gas Board approved.	1
Z702-625	50mm x 45m	Aluminium self adhesive foil tape.	1
Z702-650	100mm x 45m	Aluminium self adhesive foil tape.	1
Z702-725	50mm x 90m	Self adhesive fibre scrim tape for all plastering applications.	1
Z702-730	50mm x 30m	Metal Plasterboard Corner Tape	1



### • Hazard Warning Tape

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z703-860	72mm x 500m	Red/White	1 Roll
Z703-870	72mm x 500m	Yellow/Black	1 Roll
Z703-880	50mm x 33m	Red/White Self Adhesive	1 Roll
Z703-890	50mm x 33m	Yellow/Black Self Adhesive	1 Roll



**For Insulation Tape see page 117**



### • Leather Tool Pouches

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z711-020	NP2	Double Nail Pouch	1
Z711-030	DTNP2	Double Tool & Nail Pouch	1



### • Tool Boxes

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z721-002	2 Tray	Plastic Tool Carrier	1
Z721-005	5 Tray	Cantilever Toolbox	1
Z721-019	19"	Barn Type Toolbox	1
Z721-036	36"	Tool Bag	1





### • Suction Lifters

These quality twin suction lifters are ideal for easy lifting of smooth flat surface materials such as glass, composite panels etc.

ORDER CODE	SIZE REF	QTY
Z731-002	Twin Suction Lifter	1



### • Tarpaulin Sheets

These quality tarpaulins are supplied with eyelets and suitable for a variety of applications in industry or on the building site. Sizes shown are approximate.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z741-010	5.5 x 3.6m	Tarpaulin	1
Z741-030	6.1 x 4.6m	Tarpaulin	1
Z741-050	6.0 x 9m	Tarpaulin	1



### • Blue Polypropylene Rope

This multi-use rope is ideal for use many construction applications such as tying down sheeting, cable drawing etc. Only sold in full reels.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z742-206	6mmØ x 220m	Blue Polypropylene Rope	1 Reel
Z742-210	10mmØ x 220m	Blue Polypropylene Rope	1 Reel



### • Barrier Fencing & Pins

A high visibility barrier fence suitable for demarcation and warning applications.

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z743-150	1m x 50m	Orange Barrier Fence	1 Roll
Z743-300	H/duty	Metal Fencing Pins c/w Hook	10

### • Polythene DPM & Temporary Protection sheeting

Fixfirm's range of polythene covers most construction requirements. The DPM polythene is produced to BBA standard and is available in blue or black. TPS (Temporary Protective Sheeting) is ideal for dust control or vapour barriers and is available in two thicknesses. All polythene is supplied as multifold rolls and can only be purchased as full rolls.



ORDER CODE	SIZE REF	THICKNESS	DESCRIPTION	QTY
Z751-004	4m x 50m	33mu/130g	Clear Temporary Sheeting (TPS)	1 Roll
Z751-014	4m x 25m	62mu/250g	Clear Temporary Sheeting (TPS)	1 Roll
Z751-109	4m x 25m	250mu/1000g	Black Polythene DPM	1 Roll
Z751-120	4m x 25m	250mu/1000g	Blue Polythene DPM	1 Roll
Z751-209	4m x 25m	300mu/1200g	Black Polythene DPM	1 Roll
Z751-220	4m x 25m	300mu/1200g	Blue Polythene DPM	1 Roll
Z751-900	75mm x 33m		Clear Polythene Jointing Tape	1 Roll



### Storage Cases

This range of storage cases is purposely designed for small parts storage and are built to a very high specification for demanding industrial applications. Features include: sturdy carrying handle, two strong flip catches, continuous hinge and a push-release security mechanism to prevent accidental spillage of components (apart from the Z801-212 which just has the catches.) Colour coded plastic trays are removeable and additional trays can be bought to suit individual requirements.

#### • Small (330mm x 220mm x 66mm)

ORDER CODE	SIZE REF
Z801-112	Small single layer system case. Standard Compartments 4 x Z801-811, 4 x Z801-812, 1 x Z801-813, 1 x Z801-815

#### • Medium (380mm x 270mm x 86mm)

This storage case has been specially designed to take full boxes of REISSER woodscrews due to the deep compartments.

ORDER CODE	SIZE REF
Z801-212	Medium deep single layers storage case with extra deep compartments. N.B. Screws not included

#### • Large (440mm x 330mm x 66mm)

ORDER CODE	SIZE REF
Z801-312	Large single layer system case. Standard Compartments 8 x Z801-811, 4 x Z801-812, 4 x Z801-813, 2 x Z801-815

#### • Large/Double Layer (440mm x 330mm x 95mm)

ORDER CODE	SIZE REF
Z801-326	Large double layer storage case with division for hand tools. Standard Compartments. 15 x Z801-821, 6 x Z801-822, 3 x Z801-823, 3 x Z801-825

#### • Filled Sortiment Cases

ORDER CODE	SIZE REF	QTY
Z801-711	Small single layer storage case C/W approx 2000 Screws	1
Z801-731	Large single layer storage case C/W approx 4500 Screws	1

#### • Replacement Compartments

ORDER CODE	DIMENSIONS	QTY
	63mm deep for single layer storage cases	
Z801-811	54 x 54 x 63mm	1
Z801-812	54 x 108 x 63mm	1
Z801-813	108 x 108 x 63mm	1
Z801-815	108 x 215 x 63mm	1
	45mm deep for double layer storage cases	
Z801-821	54 x 54 x 45mm	1
Z801-822	54 x 108 x 45mm	1
Z801-823	108 x 108 x 45mm	1
Z801-825	108 x 215 x 45mm	1







Z821-005

Z821-010

Z821-120

Z821-125



### ArmorGard Security Chests

With theft of power tools and equipment rapidly escalating, security chests have become a priority for every tradesman.

#### • Tuffbank

Ideally intended for lower risk situations such as inside vehicles or buildings.

ORDER CODE	SIZE REF	NOMINAL SIZE W x H x D	DESCRIPTION	APPROX WEIGHT
Z821-005	TB1	900 x 485 x 485mm	Tuffbank Tool Chest	42kg
Z821-010	TB12	1250 x 450 x 450mm	Tuffbank Tool Chest	45kg
Z821-015	TB2/2	1250 x 610 x 610mm	Tuffbank Tool Chest	82kg
Z821-020	TB3/2	1250 x 910 x 610mm	Tuffbank Tool Chest	100kg
Z821-025	TBC4	1250 x 1250 x 610mm	Tuffbank Tool Chest	175kg

#### • Strongbank

Designed to give the ultimate protection for valuable tools and equipment. Manufactured from 3mm steel throughout, this range boasts every anti-jemmy feature imaginable.

ORDER CODE	SIZE REF	NOMINAL SIZE W x H x D	DESCRIPTION	APPROX WEIGHT
Z821-105	SB2	1250 x 610 x 610mm	Strongbank Tool Chest	112kg
Z821-110	SB3	1250 x 910 x 610mm	Strongbank Tool Chest	140kg
Z821-115	SB6	1830 x 610 x 610mm	Strongbank Tool Chest	150kg
Z821-120	SBC4	1250 x 1250 x 610mm	Strongbank Tool Chest	185kg
Z821-125	SBC5	1500 x 1250 x 610mm	Strongbank Tool Chest	215kg

#### • Key Tags

These key tags are ideal for use by contractors and site staff for identification of keys during works or on hand over to clients. They are supplied in an assorted colour pack.

ORDER CODE	SIZE REF	QTY
Z830-010	48 Assorted Key Tags	1 Pack



#### • Padlocks & Chains

ORDER CODE	SIZE REF	DESCRIPTION	QTY
Z831-038	38mm	Long Shackle Padlock	1
Z831-158	58mm	Super Armoured Padlock	1
Z831-232	32mm	Brass Padlock	1
Z831-250	50mm	Brass Padlock	1
Z831-263	63mm	Brass Padlock	1
Z831-884	8mm x 500mm	Hardened Security Chain	1
Z831-889	8mm x 1000mm	Plastic Sleeved High Security Chain	1
Z831-900	1500mm	H/Duty padlock & chain set with anti-drill lock & plastic sleeved chain	1
Z831-960	150mm	H/Duty Hasp and Staple	1



Z831-232



Z831-884



Z831-960



Z831-040



Z831-889



Z831-900



Z831-158

### • Ladder Security Clamp

This security ladder clamp is designed to provide an efficient and safe method of keeping ladders and steps secured to a vehicle either whilst in motion or when left unattended. Suitable for securing one set of ladders or steps.

ORDER CODE	SIZE REF	QTY
Z841-100	Ladder Security Clamp*	1

N.B. Padlock not included - see item Z831-158\*



### • Ratchet Straps

Quality 2 piece claw end ratchet straps.

ORDER CODE	SIZE REF	WEIGHT CAPABILITY	W	QTY
Z842-007	4m	750kg	25mm	1
Z842-030	4m	3 tonne	35mm	1
Z842-050	8m	5 tonne	48mm	1



### Best Selling Safety Signs

- All safety signs comply with British standards and health and safety requirements.
- Choose from 1mm thick high impact rigid plastic or self-adhesive vinyl signs that can be applied to any surface



150x450 Rigid S/A EB09A-R EB09A-S



150x450 Rigid S/A E100A-R E100A-S



150x450 Rigid S/A E97A-R E97A-S



150x450 Rigid S/A E99A-R E99A-S



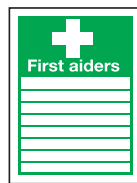
150x450 Rigid S/A EC08S-R EC08S-S



75x600 Rigid S/A E14C-R E14C-S



75x55 Rigid S/A E12Y-R E12Y-S  
200x150 Rigid S/A E12Z-R E12Z-S



200x150 Rigid (0.7mm) A4E01 E63Y-R E63Y-S  
355x255 Rigid S/A



100x75 S/A E22X-S E22X-S  
200x150 Rigid S/A E22Y-R E22Y-S  
300x225 Rigid S/A E22Z-R E22Z-S



230x172 Rigid S/A MS29A-R MS29A-S



230x172 Rigid S/A M29A-R M29A-S



120x90 Rigid S/A MC03A-R MC03A-S



200x150 Rigid S/A M14A-R M14A-S



100x100 Rigid S/A M14A-R M14A-S  
150x150 Rigid S/A M14A-S M14A-S



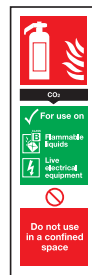
280x90 Rigid S/A F200-R F200-S



280x90 Rigid S/A F201-R F201-S



280x90 Rigid S/A F202-R F202-S



280x90 Rigid S/A F203-R F203-S



100x200 Rigid S/A F16D-R F16D-S



100x200 Rigid S/A F90A-R F90A-S



200x150 Rigid S/A P01M-R P01M-S  
400x300 Rigid S/A P01T-R P01T-S  
600x450 Rigid S/A P01W-R



200x150 Rigid S/A P57B-R P57B-S  
400x300 Rigid S/A P57A-R P57A-S  
600x450 Rigid S/A P57C-R



100x75 Rigid S/A P04C-R P04C-S  
200x150 Rigid S/A P04A-R P04A-S  
400x300 Rigid S/A P04E-R



400x300 Rigid S/A M232A-R M232A-S  
600x450 Rigid S/A M35A-R M35A-S



200x150 Rigid S/A M25C-R M25C-S  
400x300 Rigid S/A M25D-R M25D-S



200x150 Rigid S/A M37B-R M37B-S  
400x300 Rigid S/A M37C-R M37C-S



400x300 Rigid S/A M39B-R M39B-S  
600x450 Rigid S/A M39A-R M39A-S



75x50 Rigid S/A WE04AC-R WE04AC-S  
200x150 Rigid S/A W107AC-R W107AC-S



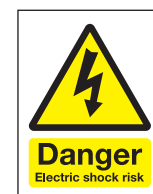
300x480 Rigid S/A W27D-R W27D-R  
600x450 Rigid S/A W27Y-R



200x150 Rigid S/A W14B-R W14B-S  
400x300 Rigid S/A W14C-R W14C-S



200x150 Rigid S/A W19A-R W19A-S  
400x300 Rigid S/A W19B-R W19B-S  
600x450 Rigid S/A W19C-R W19C-S



200x150 Rigid S/A W07G-R W07G-S  
400x300 Rigid S/A W07H-R W07H-S



200x150 Rigid (0.7mm) A4V02



200x150 Rigid S/A W67A-R W67A-S  
400x300 Rigid S/A W67B-R W67B-S

For more Safety Signs please request a copy of the Safety Catalogue



## ● Rize Cable Lock System

We are pleased to introduce the new Rize Cable lock system which is designed as a fast and reliable method to suspend all static loads within the mechanical, electrical and HVAC industries.

### Key Benefits:

- Cable locks and wire are available separately. No pre-site visits to calculate drop length. (Wire is in 100m reels and then can be cut to desired length.)
- Time and cost savings compared to traditional installation methods.
- Allows the installer to position the hangers vertically or at an angle to suspended object.

ORDER CODE	SIZE REF	DESCRIPTION	SWL
S601-100	KL100	Rize Cable Lock (2.0/2.5mm Wire)	100kg
S601-200	KL200	Rize Cable Lock (4.0mm wire)	180kg
S602-120	R100M20	2.0mm x 100m 7x7 Rize Galv Wire Rope	60kg
S602-125	R100M25	2.5mm x 100m 7x7 Rize Galv Wire Rope	100kg
S602-140	R100M40	4.0mm x 100m 7x7 Rize Galv Wire Rope	230kg
S602-900	R30340	Heavy Duty Wire Cutters (up to 4.0mm ø)	

Typical Applications:



Safe working loads have 5:1 safety factor and are based on a vertical drop. Hanging at angles reduces the SWL. The products are also available in stainless steel - please enquire.

## ● Zip-Clip Plus

The Ultimate New Suspension System.

This revolutionary new suspension system has massive benefits for the suspension of cable trays ducting etc. It has added advantages in applications where there are multiple layers of tray running under each other. The system uses 4mmø galv steel rods which are used in conjunction with an adjustable locking clip allowing the system to be quickly installed, levelled and added to.

### Key Benefits:

- Very quick installation (up to 6x faster than threaded rod)
- Simple to use and is much lighter in weight than threaded rod.
- Strong and safe system - 100kg safe working load with 5:1 safety factor.
- Supplied in kit form which is everything you need for a single drop rod.

ORDER CODE	SIZE REF	DESCRIPTION	SWL
S621-005		Zip-Clip Plus Housing	100kg
S621-020	ZIP-C	Zip-Clip Locking C-Clip	25kg
S621-030	ZIP-KEY	Zip-Clip Repositioning Tool	-
S621-315	M6 x 1.5m	Zip-Clip Plus Suspension Kit	100kg
S621-415	M8 x 1.5m	Zip-Clip Plus Suspension Kit	100kg
S621-515	M10 x 1.5m	Zip-Clip Plus Suspension Kit	100kg
S621-330	M6 x 3m	Zip-Clip Plus Suspension Kit	100kg
S621-430	M8 x 3m	Zip-Clip Plus Suspension Kit	100kg
S621-530	M10 x 3m	Zip-Clip Plus Suspension Kit	100kg

Typical Applications:



NB - Other length of Zip-Clip Rod are available to special order (up to 8m long).

**Phone Sales Office  
for More Details**

# Conversion Chart

## Conversion Chart

Inches Decimals	Inches Fractions	mm	Wood Screw Gauge	Imperial Standard Wire Gauge	Inches Decimals	Inches Fractions	Wood Screw Gauge	Imperial Standard Wire Gauge	Inches Decimals	Inches Fractions	mm
.0124				30	.178				.500	1/2	12.70
.0138				29	.178		4.52	9	.511		13.00
.0148				28	.187	3/16	4.762		.515	33/64	13.08
.0158	1/64	.9999			.192		4.86	10	.531	17/32	13.49
.0164				27	.196		5.000		.546	35/64	13.89
.018				26	.203	13/64	5.159		.551		14.00
.020				25	.212				.562	9/16	14.28
.022				24	.218	7/32	5.556		.578	37/64	14.68
.024				23	.220		5.59	12	.590		15.00
.028				22	.232				.593	19/32	15.08
.031	1/32	.7938			.234	19/64	5.953		.609	39/64	15.47
.032				21	.236		6.000		.625	5/8	15.87
.036				20	.249		6.30	14	.629		16.00
.039		1.000			.250	1/4	6.350		.640	41/64	16.27
.040				19	.252				.656	21/32	16.66
.046	3/64	1.190			.265	17/64	6.746		.689		17.00
.048				18	.275		7.000		.671	43/64	17.06
.050				17	.276		7.01	16	.687	11/16	17.46
.060	1/16		0		.281	9/32	7.143		.703	45/64	17.85
.062	1/16	1.587			.296	19/64	7.540		.708		18.00
.064				16	.300				.718	29/32	18.25
.070		1.78	1		.304		7.72	18	.734	47/64	18.65
.072				15	.312	5/16	7.937		.748		19.00
.078	5/64	2.000			.315		8.000		.750	3/4	19.05
.080				14	.324				.765	49/64	19.44
.082		2.08	2		.328	21/64	8.334		.781	25/32	19.84
.092				13	.332		8.43	20	.797		20.00
.093	3/32	2.381			.343	11/32	8.731		.798	51/64	20.24
.094		2.39	3		.348				.812	13/16	20.63
.104				12	.354		9.000		.828	53/64	21.03
.108		2.74	4		.359	23/64	9.128		.843	27/32	21.43
.109	7/64	2.778			.372				.859	55/64	21.82
.116				11	.375	3/8	9.525		.868		22.00
.118		3.000			.390	25/64	9.921		.875	7/8	22.22
.122		3.10	5		.393		10.000		.890	57/64	22.62
.125	1/8	3.175			.400				.905		23.00
.128				10	.406	13/32	10.318		.906	29/32	23.01
.136		3.45	6		.421	27/64	10.715		.921	59/64	23.41
.140	9/64	3.571			.432				.937	19/16	23.81
.144				9	.433		11.000		.944		24.00
.150		3.81	7		.437	7/16	11.112		.953	61/64	24.20
.150	5/32	3.938			.453	29/64	11.509		.968	31/32	24.60
.157		4.000			.464				.984	63/64	25.00
.160				8	.468	15/32	11.906		1.000	1	25.40
.164		4.17	8		.472		12.000				
.171	11/64	4.365			.484	21/32	12.303				

## Conversion Factors

To convert to metric, multiply by the factor shown. To convert *from* metric divide by the factor.

LENGTH			VOLUME			LOADS		
miles	kilometres	1.6093	cubic yards	cubic metres	0.7646	quarters	kilograms	12.7006
yards	metres	0.9144	cubic feet	cubic metres	0.0283	stones	kilograms	6.3503
feet	metres	0.3048	cubic inches	cubic centimetres	16.3871	pounds	kilograms	0.4536
inches	millimetres	25.4	CAPACITY			cuncoos	grams	28.3496
inches	centimetres	2.54	gallons	litres	4.546	LOADS		
AREA			quarts	litres	1.137	lbf	KN	0.0044
square miles	square kilometres	2.59	pints	litres	0.568	lbf	Kgf	0.4536
square miles	hectares	256.999	VELOCITY			tonf	KN	9.9602
acres	square metres	4046.85	miles per hour	kilometres per hour	1.6093	(NB: 1 kgf = 9.807N = 1N = 0.102 kgf)		
acres	hectares	0.4047	feet per second	metres per second	0.3048	TIGHTENING TORQUE		
square yards	square metres	0.8361	feet per minute	metres per second	0.0051	lbf ft	NM	1.3550
square feet	square metres	0.0929	inches per minute	millimetres per second	0.4233	lbf in	Kgf m	13.288
square feet	square centimetres	929.03	MASS			CONCRETE STRENGTH		
square inches	square millimetres	645.16	tons	kilograms	1016.05	lbf/in2	N/mm2	0.007
square inches	square centimetres	6.4516	tons	tonnes	1.0160	FUEL CONSUMPTION		
			hundred weights	kilograms	50.8023	gallons per mile	litres per kilometre	2.825
						miles per gallon	Kilometres per litre	0.354



## How to find us

### Hartlepool



**OPENING HOURS**  
Monday - Friday 7am - 5pm

Visit our website to view  
online catalogue  
[www.fttgroup.co.uk](http://www.fttgroup.co.uk)



### HARTLEPOOL

Burn Road  
Hartlepool TS25 1PL

**T: 01429 276804**

F: 01429 276840