

KONNECT[®]



SELF-DRILLING SCREWS

**1300 KONNECT (566 632)
WWW.KONNECTSHOP.COM**

Roofing and Cladding Screws

Technical Manual

Australia's largest specialist fastener distributor, Konnect®, offers a Self-Drilling Roofing and Cladding Screw range which is manufactured to meet or exceed the specifications of Australian Standards AS3566.1-2002 (R2015) and AS3566.2-2002.

Konnect® screws, with their high performance, anti-corrosive coatings and advanced drill point features are designed to make your job easier and faster and provide your screws with maximum protection.

Contents :

<i>Why Konnect® K5™ Coating?</i>	<i>3</i>
<i>Konnect® K5™ Coating</i>	<i>4</i>
<i>Konnect® Warranty</i>	<i>5</i>
<i>Range</i>	<i>7</i>
<i>Part Number Explanation</i>	<i>7</i>
<i>Technical Data</i>	<i>8</i>
<i>Colour Palette</i>	<i>12</i>
<i>Unitite®</i>	<i>14</i>
<i>T17 Timber</i>	<i>19</i>
<i>Steeltite®</i>	<i>25</i>
<i>Stitching Screws</i>	<i>29</i>
<i>Polycarbonate Screws</i>	<i>30</i>
<i>Chipboard Screws</i>	<i>31</i>
<i>Plasterboard Screws</i>	<i>32</i>
<i>Driver Bits</i>	<i>34</i>
<i>Roofing Screw Selection Chart</i>	<i>35</i>

Why Konnect® K5™ Coating?

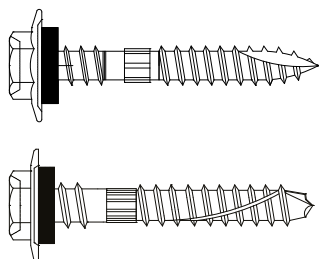
Extreme corrosion protection that has been in a class of its own for years.

Konnect® Self drilling screws have been at the forefront of advanced coating and performance for the past 10 years in New Zealand and now offer this same industry leading technology for the Australian market.

The next time you are looking for an industry leading, premium quality fastener at a standard market price, remember the name Konnect®, the new trusted name in high quality screws.

The Konnect® Self Drilling screw advantage

- Class 5 (K5) coating offered at a standard market price rather than charging a premium.
- Konnect® only offer Class 4 & 5 coatings for all external roofing & cladding screws.
- We believe that you should not have to pay a premium price for the highest quality coating.
- Konnect® Screws and Coatings have proven to outperform the leading manufacturers in the Australian and New Zealand markets.
- Konnect® has been selling Class 5 coatings as standard product for the past four years into one of the harshest environments in the world, unlike our competitors that claim to lead the market in Australia by offering a Class 5 coating at a premium price.
- Leading roof manufacturers in New Zealand recommend Konnect® as their manufacturer of choice when supplying roofing screws.
- Our Colorbond® colours are supplied by one of the world's leading powder coat suppliers - Interpon®.
- Over 50 branches Nationwide to provide you with the expertise and service you have come to expect from Konnect®
- Every batch of products is tested for tolerance accuracy prior to shipping.
- We conduct extensive R & D / testing to confirm that our screws will surpass the quality standards that the industry expects. (In fact we have even tested our K5 coating to an impressive 4800 hours in a salt spray tank).



Konnect® K5™ Coating

Extreme corrosion protection that has been in a class of its own for years.

Konnect® K5 has been the benchmark for extreme protection for over four years. This coating has been developed over a long period of time to meet the requirements of the roofing and cladding industry.

- **EXTREME PERFORMANCE**

Industry leading corrosion performance for ISO Category 4 and 5 environments

- **ADDITIONAL RESISTANCE**

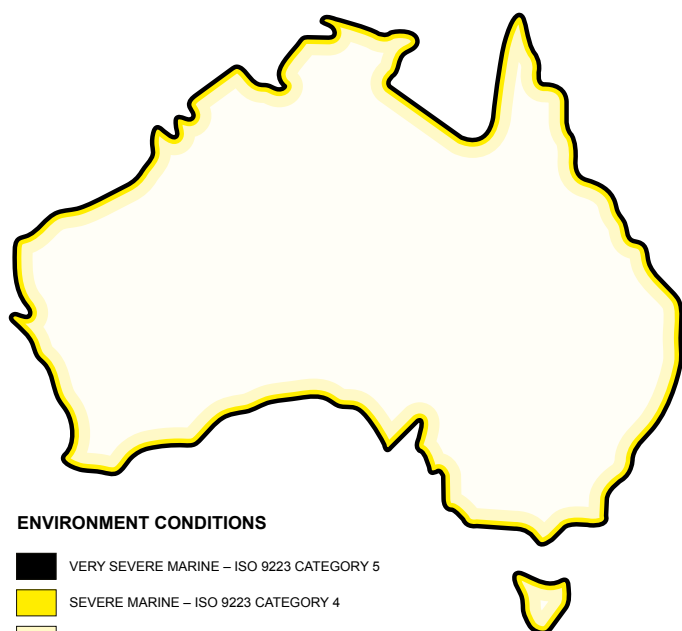
Twice the resistance than traditional Class 4 coatings through the addition of 2 hybrid coatings.

- **WARRANTY**

The comfort of knowing that you are covered by a leading industry warranty.

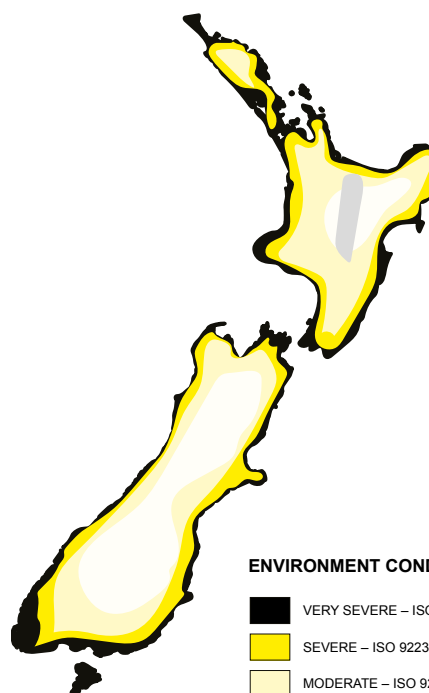
- **RELIABILITY**

The knowledge that you are buying a product that has been sold in one of the world's harshest climates for over 5 years.



ENVIRONMENT CONDITIONS

- VERY SEVERE MARINE – ISO 9223 CATEGORY 5
- SEVERE MARINE – ISO 9223 CATEGORY 4
- MILD & MODERATE MARINE – ISO 9223 CATEGORY 3
- LIGHT INDUSTRIAL URBAN – ISO 9223 CATEGORY 2





ENVIRONMENT CONDITIONS

- VERY SEVERE – ISO 9223 CATEGORY 5
- SEVERE – ISO 9223 CATEGORY 4
- MODERATE – ISO 9223 CATEGORY 3
- MILD – ISO 9223 CATEGORY 2
- SPECIAL CONDITIONS



Konnect® Warranty

ENVIRONMENTAL CATEGORY / CONDITIONS	Konnect® K4™ Warranty Period 	Konnect® K5™ Warranty Period 
ISO 9223 CATEGORY 5 Very Severe Marine Up to 400M from the beachfront in regions of rough seas and surf beaches. Very Severe Industrial Characterised by heavy fall-out and emissions from stacks and strong sulphur.	NOT RECOMMENDED	10 YEARS
ISO 9223 CATEGORY 4 Severe Marine Between 400M and 1KM from the coast, in areas with the extent dependant on winds, wave actions and topography. Also within 150M from a salt water inlet or creek. Severe Industrial Characterised by fall-out and emissions from stacks and sulphur. Within a 2KM radius of Industrial plants, sewerage treatment facilities or airports		
ISO 9223 CATEGORY 3 MARINE Coastal areas with lower salinity, generally between 1KM and 50KM from marine surf but prevailing strong winds may extend this zone further inland. Airborne salt is present but not as a haze.	20 YEARS	30 YEARS
ISO 9223 CATEGORY 3 INDUSTRIAL Temperate zone, atmospheric environment with medium pollution (SO ₂ 5µg/m ³ to 30µg/m ³) or some effect of chloride, e.g. urban areas, coastal areas with low deposition of chlorides.	25 YEARS	35 YEARS
ISO 9223 CATEGORY 2 LIGHT INDUSTRIAL / URBAN Temperate zone, atmospheric environment with low pollution (SO ₂ <5µg/m ³) e.g. rural areas, small towns, dry or cold zone, atmospheric environment with short time of wetness, e.g. deserts, subarctic areas.	30 YEARS	40 YEARS
ISO 9223 CATEGORY 2 MILD URBAN Away from all above environments, generally dry, rural areas well remote from the coast or sources of pollution	40 YEARS	40 YEARS

Konnect® Warranty

UNITITE® T17 TIMBER STEELTITE®

Konnect®, a business division of Coventry Group Ltd. warrants their K4™ and K5™ plated T17 Timber, Steeltite® and Unitite® range of roofing and cladding screws against the loss of structural integrity due to the effects of corrosion or metallurgical defects.

Under this warranty Coventry Group Ltd. undertakes to supply equivalent screws at no cost, to replace any defective screws provided that:

1. The screws are used with compatible roofing and substrate materials.
2. The screws have been installed correctly.
3. The screws are installed in an environment suitable for these Roofing Screws (refer attachment).
4. The screws must not have been tampered with or re-used after initial installation.
5. Screws must be head marked with the K4™ or K5™ head mark.

The use of Impact-Type Guns is not recommended and may void the warranty if the head of the screws is damaged during installation.

Any claim must be notified in writing and is conditional upon inspection by an authorised Konnect representative before any action is taken. The decision of the Konnect inspector is conclusive of the type of environment of the structure.

This warranty is not transferable from the original owner.

No representative of Coventry Group Ltd. has the authority to make any representations or promises except as stated in this warranty.


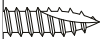

Coventry Group Ltd. shall not be liable in any way whatsoever for any indirect or consequential damage, personal liability or other damage including but not limited to loss or loss of profit.

This warranty covers the structural performance of the screws from the date of installation. Not the aesthetic performance of the coatings.



This warranty is effective from 1 July 2016
Konnect®, a Division of Coventry Group Ltd. ACN 008 670 102

Range:

Product Type	Part Number Designation	Point	Suitable for Drilling Into	Recommended Drill Speed
STEELTITE®	ST		Steel	2500rpm
T17 TIMBER	TT		Timber or thin sheetmetal	1800rpm
UNITITE®	UT		Timber, steel purlins or metal battens	Timber 1800rpm Steel 2500rpm

Our part numbering explained:

UT6-14X55CL5NSM / 500

UT6-14X55CL5NSM / 500 = Product type

UT**6**-14X55CL5NSM / 500 = The gauge. Unitites are measured in mm not gauge.
i.e. 6 = 6mm; 12 = 12 gauge.

UT6-**14**X55CL5NSM / 500 = Designate the thread pitch. A finer TPI (Threads per Inch) count is suitable for thicker steels and allows the screw to drive in easier with less force – not only is this easier on the operator, but can prevent damaging the drive or stalling the screw driver.

UT6-14X**55**CL5NSM / 500 = Designate the length.

UT6-14X55**CL5**NSM / 500 = CLx is our plating specification. CL4 meets Australian Standard AS3566.2 Class 4. CL5 is our K5™ plating – a step up from standard Class 4; it has 2 additional hybrid topcoats providing an impressive 2500 hours plus corrosion protection. (Accelerated Salt Spray Test). The only product in the Australian market to offer this level of coating at a standard market price.

UT6-14X55CL5**N**SM / 500 = Neoprene washers are shown by an N.

UT6-14X55CL5N**SM** / 500 = Designates the colour for Colorbond® colour matching (see colour chart for availability)

UT6-14X55CL5NSM / **500** = Designates the pack size. All new product ranges will be sold ONLY in pack sizes of 500 or 100.



Drill Capacity

Konnnect® Self-Drilling Screws

RECOMMENDED SCREW DRILLING CAPACITY INTO STEEL													
Screw Gauge - TPI (Threads per inch)	Steel Thickness												
	0.55 mm Batten	0.75 mm Batten	1 mm Steel	1.2 mm Steel	1.5 mm Steel	1.9 mm Steel	2.5 mm Steel	3 mm Steel	3.5 mm Steel	5 mm Steel	6 mm Steel	8 mm Steel	12 mm Steel
M6 - 14 UNITITE®	*	*	*	*	*	*	*	*	*	*			
6G - 20 TPI		*	*	*	*	*	*						
8G - 18 TPI		*	*	*	*	*	*						
10G - 16 TPI		*	*	*	*	*	*	*	*				
10G - 24 TPI				*	*	*	*	*	*	*			
12G - 14 TPI			*	*	*	*	*	*	*	*			
12G - 24 TPI				*	*	*	*	*	*	*			
12G - 24 TPI No. 5 Drill Point Deep Drill								*	*	*	*	*	*
14G - 10 TPI			*	*	*	*	*	*	*	*			
14G - 14 TPI			*	*	*	*	*	*	*	*			
14G - 20 TPI				*	*	*	*	*	*	*	*		

Drill Speed Testing

Konnnect® Self-Drilling Screws

DRILLING SPEED TEST						
ITEM	POINT LENGTH	POINT DIA.	LOAD (kg)	DRILL SPEED (rpm)	PLATE THICKNESS (mm)	DRILL TIME (Sec)
8G POINT NO. 2	4.00 - 5.00mm	3.35 - 3.50mm	20	1800	2.00	3.0
8G POINT NO. 3	5.00 - 6.00mm	3.35 - 3.50mm	20	1800	2.00	3.0
10G POINT NO. 2	5.00 - 6.00mm	3.85 - 3.95mm	20	1800	2.00	3.5
10G POINT NO. 3	6.00 - 7.00mm	3.85 - 3.95mm	20	1800	2.00	3.5
12G POINT NO. 2	6.00 - 7.00mm	4.45 - 4.60mm	22	1800	3.00	4.0
12G POINT NO. 3	7.00 - 8.00mm	4.45 - 4.60mm	22	1800	3.00	4.0
12G POINT NO. 4	8.00 - 9.00mm	4.45 - 4.60mm	22	1800	3.00	4.0
12G POINT NO. 5	14.00 - 15.00mm	4.45 - 4.60mm	Manual Test	Manual Test	8.00 - 12.00	Manual Test
14G POINT NO. 2	7.00 - 8.00mm	5.45 - 5.60mm	24	1800	4.00	5.0
14G POINT NO. 3	8.00 - 9.00mm	5.45 - 5.60mm	24	1800	4.00	5.0
14G POINT NO. 4	11.00 - 12.00mm	5.45 - 5.60mm	24	1800	4.00	5.0
14G POINT NO. 5	14.00 - 15.00mm	5.45 - 5.60mm	Manual Test	Manual Test	8.00 - 12.00	Manual Test

NOTE: DRILLING TIME - BASED ON DRILLING POINT THROUGH STEEL PLATE.

Pullout Values Testing

Konnect® Self-Drilling Screws

PULLOUT VALUES (NEWTONS) - METAL DRILLING									
Screw Gauge - TPI (Threads per inch)	Steel Thickness								
	0.55 mm Batten	0.75 mm Batten	1.2 mm Steel	1.5 mm Steel	1.9 mm Steel	2.4 mm Steel	6 mm Steel	8 mm Steel	12 mm Steel
M6 - 14 UNITITE®	1600	2560	3360	5320	6020				
10G - 16 TPI STEELTITE®		1940	2400	4280	5580	7900			
10G - 24 TPI STEELTITE®			2400	4360	5900	7760			
12G - 14 TPI STEELTITE® Screw Length 20mm or Shorter			2280	4160	5500	7440			
12G - 14 TPI STEELTITE® Screw Length 20mm or Longer			2060	3120	5240	7040			
12G - 24 TPI STEELTITE®						7860			
12G - 24 TPI STEELTITE® No. 5 Drill Point						6340			
14G - 10 TPI STEELTITE®			2680	4760	6580	8180			
14G - 20 TPI STEELTITE®			2480	4280	5580	7780	19940		

Pullout Values (Newtons)

Timber Drilling

PULLOUT VALUE (NEWTONS) - TIMBER DRILLING								
ITEM	0.55 mm Batten	0.75 mm Batten	1.2 mm Steel	1.5 mm Steel	1.9 mm Steel	F7 Pine Timber	F17 Hard Wood	Ultra Hard Timber
8G POINT NO. 2						4380	6680	6960
8G POINT NO. 3						5780	6100	
10G POINT NO. 2						4000	6580	
10G POINT NO. 3						3920	7060	

NOTE: Appropriate safety factors should be applied for design purposes.

All values are averages obtained under laboratory conditions

These figures apply **ONLY** to **KONNECT®** branded products.

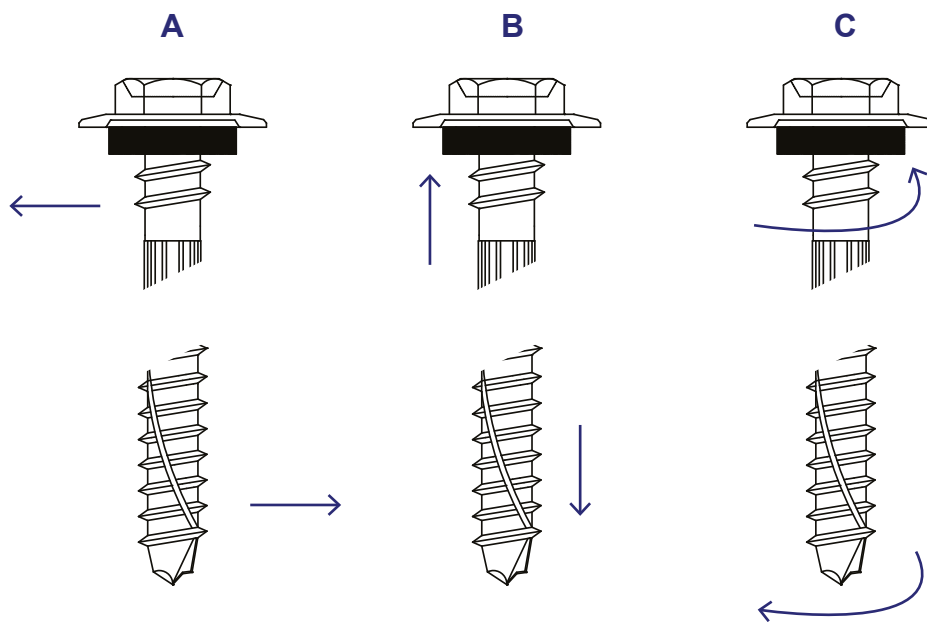


Mechanical Strength

Konnect® Self-Drilling Screws

MECHANICAL STRENGTH PROPERTIES			
Screw Gauge TPI	Single Shear Strength (N)	Axial Tensile Strength (N)	Torsional Strength (Nm)
M6 - 14 UNITITE®	8500	15400	14.8
10G - 16	6800	11900	8.8
10G - 24	6200	11400	9.1
12G - 11	8400	13900	13.8
12G - 14	8800	15300	13.8
12G - 24	9000	16700	14.1
14G - 10	10900	19700	19.4
14G - 14	10900	19700	19.2
14G - 20	11200	21200	22.6

NOTE: Appropriate safety factors should be applied for design purposes.
 All values are averages obtained under laboratory conditions
 These figures apply **ONLY** to **KONNECT®** branded products.



A: Single Shear Strength (N)

The shear load required to break the screw

B: Axial Tensile Strength (N)

The tensile load required to break the screw

C: Torsional Strength (Nm)

The torque required to break the screw

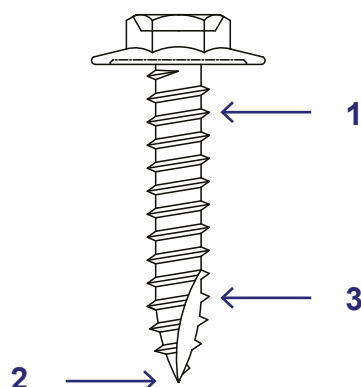


Type 17 Konnect® Self-Drilling Screws

Minimum Embedment into Timber

The minimum amount of embedment that must be screwed into timber is extremely important in order to achieve the required pull out loads from timber. The pull out load will also vary according to the grade of timber (soft - F5 to hardwood - F17)

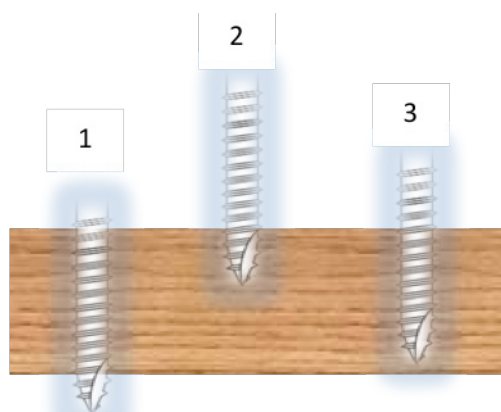
GAUGE	MINIMUM EMBEDMENT	EXCEPTIONS
6G - 18 TPI	16mm	
8G - 15 TPI	16mm	
10G - 12 TPI	25mm	10G x 25mm = 23mm
12G - 11 TPI	30mm	12G x 25mm = 23mm
14G - 10 TPI	35mm	14G x 25mm = 23mm



1. The thread on a Type 17 screw is designed for constant clamping load.
2. The drill point is designed to be extremely sharp thus enabling the screw to easily drill into a variety of timbers.
3. The slotted end point is designed to distribute even cutting pressure in the open cell structure of the timber. This allows for stability when drilling, eliminating timber expansion and minimising splintering.

Embedment

1. Too Much
2. Too Little
3. Correct Embedment



The minimum amount of embedment that must be screwed into the timber is extremely important in order to achieve the required pull out loads from the timber.

The Pull Out load will vary depending on the grade of timber.

AS3566.1-2002 specifies that Withdrawal Tests be carried out from F5 seasonal radiata pine with a maximum moisture content of 15% and a minimum density of 380kg/M3, determined in accordance with AS1649 and AS1080.1, respectively. Penetration depth shall be 24/26mm for No.10 screws; 29/31mm for 12 g screws; 34/36mm for No.14 g screws



Konnect® Self-Drilling Screws

Colour Chart

Konnect® are proud to offer a range of popular COLORBOND® roofing colours to compliment our already popular plain screws.

Konnect® have decided to use one of the World's leading powder coat manufacturers, Interpon® to supply the market a superior aesthetic coating which performs to the same levels as the roofing material.

Contact your local Konnect® branch for pricing and availability.

 BASALT™ SA = 0.69. BCA = D	 CLASSIC CREAM™ SA = 0.32. BCA = L	 COTTAGE GREEN® SA = 0.75. BCA = D	 DEEP OCEAN® SA = 0.75. BCA = D	 DUNE® SA = 0.47. BCA = M
 EVENING HAZE® SA = 0.43. BCA = M	 GULLY™ SA = 0.63. BCA = D	 IRONSTONE® SA = 0.74. BCA = D	 JASPER® SA = 0.68. BCA = D	 MANOR RED® SA = 0.69. BCA = D
 MONUMENT® SA = 0.73. BCA = D	 NIGHT SKY® SA = 0.96. BCA = D	 PALE EUCALYPT® SA = 0.60. BCA = M	 PAPERBARK® SA = 0.42. BCA = M	 SHALE GREY™ SA = 0.43. BCA = M
 SURFMIST® SA = 0.32. BCA = L	 WALLABY™ SA = 0.64. BCA = D	 WINDSPRAY® SA = 0.58. BCA = M	 WOODLAND GREY® SA = 0.71. BCA = D	

SA = Solar Absorptance. The classification of colours in the BCA is based on solar absorptance, which is the inverse of solar reflectance, expressed as a ratio between 0 and 1. A SA value of 0 indicates that a roof absorbs none and a value of 1 indicates that a roof absorbs 100% of the incoming solar radiation. Solar absorptance value is not applicable for COLORBOND® Stainless steel. See the individual colour swatches for the SA value for each product and colour.

BCA = The Building Code of Australia (BCA) has classified roof colour on the basis of their solar absorptance, referred herein as Light (L < 0.40), Medium (M < 0.60), Dark (D > 0.60). BCA classification is correct at the time of printing but may be subject to change.

COLORBOND®, BlueScope and ® colour names are registered trade marks of BlueScope Steel Limited.™ Colour names are trade marks of BlueScope Steel Limited.



= NEW COLOURS AVAILABLE (AUGUST 2017)

Interpon® is a Registered Trademark of Akzo Nobel® N.V

Roofing Checklist

Drilling Capacity

SCREW GAUGE	TPI	DRILLING CAPACITY (MAX) mm
10 (4.8mm)	16	3.5
10 (4.8mm)	24	4.0
12 (5.5mm)	14	4.5
12 (5.5mm)	24	4.5
14 (6.3mm)	10	3.0
14 (6.3mm)	20	6.3
LONGDRILLER		
12 (5.5mm)	24	12.0

Screw Gauge Sizes

GAUGE	SIZE	
	inch	mm
0	0.060	1.5
1	0.073	1.9
2	0.086	2.2
3	0.099	2.5
4	0.112	2.8
5	0.125	3.2
6	0.138	3.5
7	0.151	3.8
8	0.164	4.2
9	0.177	4.5
10	0.190	4.8
12	0.216	5.5
14	0.242	6.3
16	0.268	6.8
18	0.294	7.5
20	0.320	8.1
24	0.372	9.4

At Konnect® we pride ourselves on understanding what you need to get that roofing job completed. That's why we stock a full range of products to suit your needs – just another way we're making your job easier.

If you're in the roofing game then Konnect® has a full range of professional products to suit your needs and the specialist advice to back them up. The list below will help to ensure you have everything you need.

- ☐ Screws
- ☐ Weatherseal Nails
- ☐ Screw Guns (battery or electric)
- ☐ Hammers
- ☐ Battery powered drill/drivers
- ☐ Magnetic sockets – all sizes
- ☐ Extension leads
- ☐ Metal profile and embossed washers
- ☐ EPDM washers
- ☐ Roof Flashing and Pipe Spacing
- ☐ Rivets
- ☐ Fastener touch-up and spray paints
- ☐ Silicones, adhesives and polyurethanes
- ☐ Caulking guns
- ☐ Hand riveters
- ☐ Drill bits
- ☐ Snips – left, right, straight
- ☐ Electric nibblers and shears
- ☐ Leather pouches and aprons
- ☐ Knives
- ☐ Measuring tapes
- ☐ Rulers
- ☐ Chalk lines
- ☐ Safety wear
- ☐ Gloves
- ☐ Grab stick



UNITITE®

Mechanical Properties:

UNITITE® Performance Data

For conforming to AS3566.1-2002

TECHNICAL REQUIREMENTS		
Specification;	Unit	Diameter and Thread pitch
		M6-14
Axial Withdrawal Force	kN	2.8
Axial Tensile Strength	kN	15.0
Minimum Torque for Torsional Strength	Nm	10.9
Drilling & Threading Capacity	mm	5.0

NOTE:

1. AS3566.1-2002 specifies that Withdrawal Tests be carried out from F5 seasonal radiata pine with a maximum moisture content of 15% and a minimum density of 380kg/M3, determined in accordance with AS1649 and AS1080.1, respectively. Penetration depth shall be 24/256mm for No.10 screws; 29/31mm for 12 g screws; 34/36mm for No.14 g screws
2. All hexagon washer headed screws shall be able to penetrate steel of 0.42mm thickness made from steel grade G550 to AS1397
3. AS3566.1-2002 specifies that Withdrawal Tests be carried out from 1.6mm thick zinc coated steel, Type G450-Z275 in accordance with AS1397

ACTUAL DATA		
Specification;	Unit	Diameter and Thread pitch
		M6-14
Axial Withdrawal Force	kN	4.32
Single Shear Load	kN	11.85
Axial Tensile Strength Timber	kN	24.87
Axial Tensile Strength Steel	kN	21.54

NOTE:

1. Values quoted are the average of all tests. All samples exceed the minimum requirements specified in AS3566.1-2002
2. AS3566.1-2002 does not specify the values of single shear load. Values shown are for loading through the shank and are provided information



Unitite® is a Registered Trademark of Coventry Group Ltd

UNITITE®

K5™ COATING

- 45 Microns of Mechanical galvanising
- 70% Zinc - 30% Tin mix
- Minimum Porosity rating of 8
- 2 Hybrid top coatings

HEADMARKING

'K5™' indicates 'K' Konnect branding & K5™ coating



NEOPRENE SEAL

- Manufactured from 100% E.P.D.M
- Non Conductive
- Low Carbon

HI GRASP

Allows roofing sheets to be pulled tight against the neo resulting in waterproof seal

SHANK CUTTERS

- Oversize's pilot hole through roof sheeting
- De-burs "pig tails" created when drilling on an angle
- Cuts a clean hole through roofing sheet

REVERSE THREAD ON SHANK

Counter-rotating thread relieves thread forming stress when drilling through steel

No. 2 VIPER POINT

- No skidding or sliding on roofing sheets
- Instant start even on Corrugated profile
- Drill up to 5mm steel
- Perfect drill point width for holding into Timber

SWARF

Swarf break feature



HEX DRIVE SOCKET INCH

5/16"

5/16"

SIZE

M6-14X55

M6-14X65

PART NUMBER

UT6-14X55CLSN

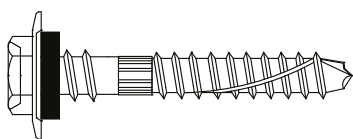
UT6-14X65CLSN

MAX DRILL SPEED

Timber 1800rpm

Steel 2500rpm

Unitite® Screw



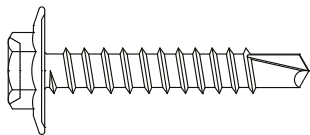
Unitite® Hex Head w/ Clearance Rib & Neo Seal

A multi-purpose fastener that is suitable for fixing roofing and cladding to timber, steel purlins and metal battens

PART NUMBER	GAUGE	TPI	LENGTH (mm)	HEX DRIVE SOCKET	CLASS
UT6-14X25CL5N	M6	14	25	5/16"	5
UT6-14X35CL5N	M6	14	35	5/16"	5
UT6-14X55CL5N	M6	14	55	5/16"	5
UT6-14X65CL5N	M6	14	65	5/16"	5



Batten Screw



Hex Head No Seal

A multi-purpose fastener that is suitable for fixing lightweight metal battens to timber trusses and steel purlins

PART NUMBER	GAUGE	TPI	LENGTH (mm)	HEX DRIVE SOCKET	CLASS
ST12-11X40CL3	12	11	40	5/16"	3



AVAILABLE IN COLOURED HEADS

ALL PART NUMBERS HIGHLIGHTED YELLOW WILL BE AVAILABLE MID 2017

Product Technical Data Sheet

6-14 Unitite® Screws

PART NUMBER	DESCRIPTION	PACK / QTY	OUTER BOX
UT6-14X25CL5N	6-14 x 25mm Class 5 Unitite® w/Seal	500	1500
UT6-14X35CL5N	6-14 x 35mm Class 5 Unitite® w/Seal	500	1500
UT6-14X55CL5N	6-14 x 55mm Class 5 Unitite® w/Seal	100 / 500	600 / 1500
UT6-14X65CL5N	6-14 x 65mm Class 5 Unitite® w/Seal	100 / 500	600 / 1500

Application:

Konnect® 25 & 35mm M6-14 Unitites® are designed for installing / fixing via valley fixing of roof sheets and side / wall cladding to Top Hat or timber battens. Can also be used for fixing Top Hat metal and timber battens to steel or timber trusses.

Konnect® 55 & 65mm M6-14 Unitites® are designed for installing / fixing via crest fixing of roof sheets to Top Hat or timber battens. Can be used as an alternative from traditional self drilling metal screws for fixing to steel purlins in both residential and commercial applications.

Drill Capacity:

Top Hat Batten 0.55 - 0.75mm | Timber Batten - Pine or Hardwood | Steel Purlin 1.00 - 5.00 mm

Installation Instructions :

1. Use a 5/16" Hexagon Nut Driver / Setter (Konnect® Part Number - KCNS51665 - 65mm long)
2. Use a mains powered or cordless screw driver with a maximum output of 3000 RPM.
3. Fit the Hexagon Nut Driver / Setter over the Hexagon Head of the screw and place at the desired fastening position
4. Apply a consistent firm amount of pressure (end load) to the screw driver until the screw has drilled and fastened into the material.

Material: Carbon Steel SAE 1022 | **Heat Treatment:** To AS3566.1 - 2002 (R2015) | **Finish:** K5™ Coating only

Mechanical Properties:

Single Shear Strength (N) 8500 | Axial Tensile Strength (N) 15,400 | Torsional Strength (Nm) 14.8

Pull Out Values:

G550 0.55mm Batten 1,600 | G550 0.75mm Batten 2,560 | G450 1.2mm Stud 3,360 | G450 1.5mm Purlin 5,320 | G450 1.9mm Purlin 6,020

* F5 (Pine) Timber 4,300 | F17 (Hardwood) 6,570

All values are averages in Newtons that have been obtained under strict laboratory conditions. Appropriate safety factors should be applied for design purposes.

All these figures listed above are ONLY for Konnect® Head Marked Product.

* Timber values are at 34/36 mm embedment in accordance with AS3566.1 2002 (R2015)

Corrosion Performance:

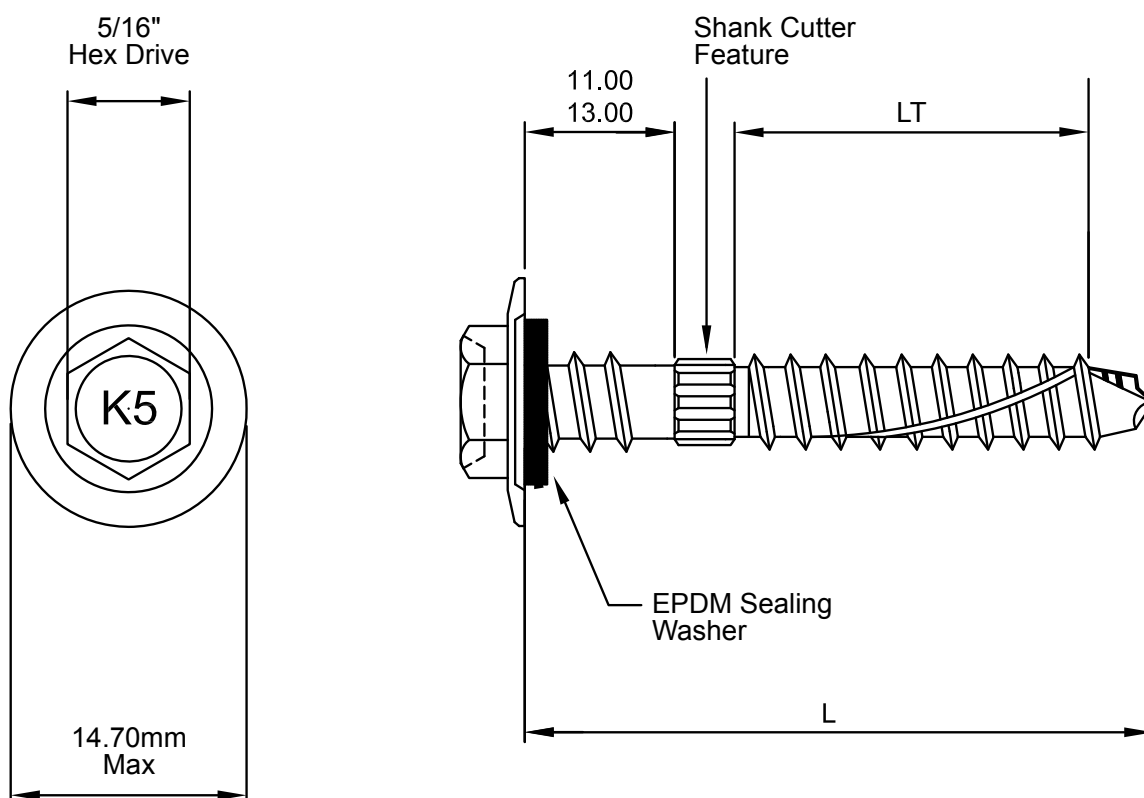
Konnect® Unitites™ with K5™ coating complies to Australian Standard AS3566.2 2002. K5™ Coated product is suitable for all ISO Categories up to and including Category 5.



Whilst every care has been taken in preparation of this guide, Konnect® accepts no responsibility for the accuracy of the information supplied. Copyright 2016. The contents of this document are the exclusive copyright of Konnect® and may not be reproduced without written consent.

Product Technical Data Sheet

6-14 Unitite® Screws



PART NUMBER	L	LT
UT6-14X55CL5N	54.00 / 55.00	34.00 / 36.00
UT6-14X65CL5N	64.00 / 65.00	44.00 / 46.00



Whilst every care has been taken in preparation of this guide, Konnect® accepts no responsibility for the accuracy of the information supplied. Copyright 2016. The contents of this document are the exclusive copyright of Konnect® and may not be reproduced without written consent.

T17 TIMBER

Mechanical Properties:

TYPE 17 TIMBER Performance Data

For Type 17 screws for timber conforming to AS3566.1-2002

TECHNICAL REQUIREMENTS				
Specification;	Unit	Diameter and Thread pitch		
		10/12	12/11	14/10
Axial Withdrawal Force	kN min	2.50	2.80	3.10
Axial Tensile Strength	kN min	7.50	11.30	15.00
Minimum Torque for Torsional Strength	Nm min	5.40	9.40	14.10

NOTE:

- AS3566.1-2002 specifies that Withdrawal Tests be carried out from F5 seasonal radiata pine with a maximum moisture content of 15% and a minimum density of 380kg/M3, determined in accordance with AS1649 and AS1080.1, respectively. Penetration depth shall be 24/256mm for No.10 screws; 29/31mm for 12 g screws; 34/36mm for No.14 g screws
- All hexagon washer headed screws shall be able to penetrate steel of 0.42mm thickness made from steel grade G550 to AS1397

ACTUAL DATA				
Specification;	Unit	Diameter and Thread pitch		
		10/12	12/11	14/10
Axial Withdrawal Force	kN	5.06	5.74	7.33
Axial Tensile Strength	kN	12.53	16.19	24.87
Single Shear Load	kN	8.01	9.17	14.56

NOTE:

- Values quoted are the average of all tests. All samples exceed the minimum requirements specified in AS3566.1-2002
- AS3566.1-2002 does not specify the values of single shear load. Values shown are for loading through the shank and are provided information



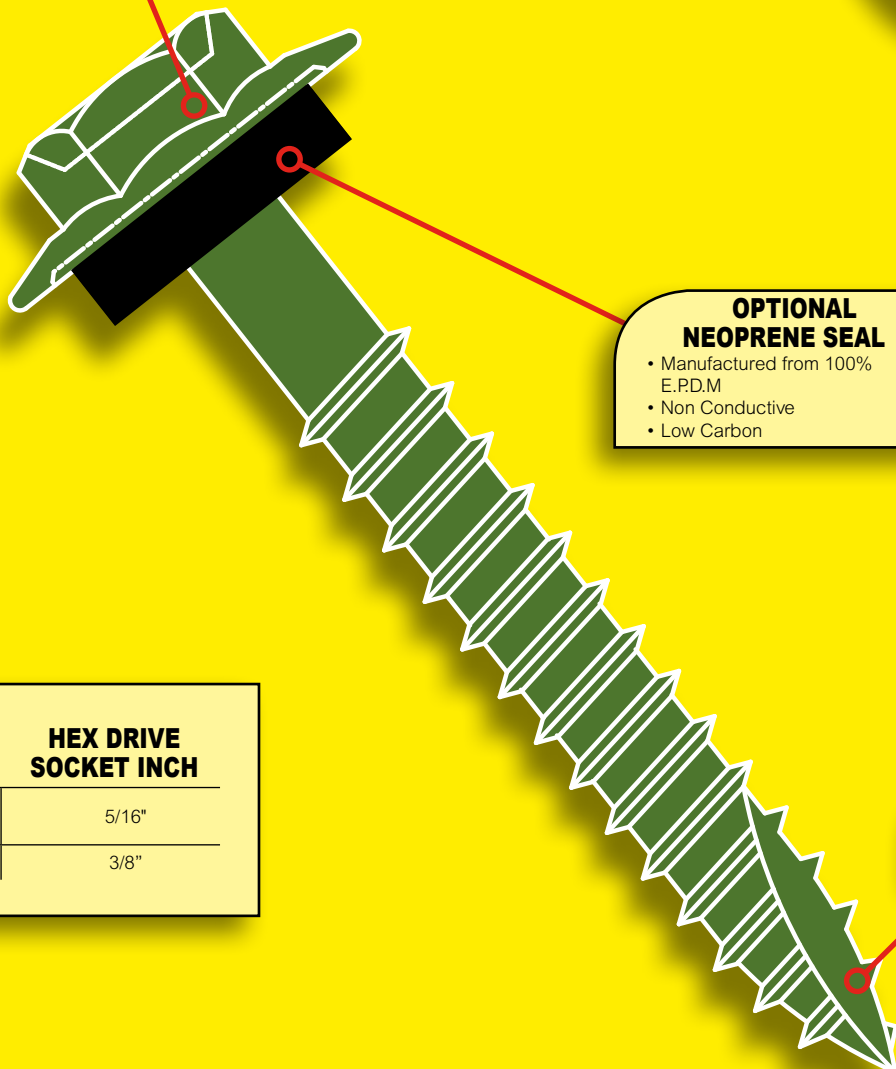
T17 TIMBER

K5™ COATING

- 45 Microns of Mechanical galvanising
- 70% Zinc - 30% Tin mix
- Minimum Porosity rating of 8
- 2 Hybrid top coatings

HEADMARKING

'K5™' indicates 'K' Konnect branding & K5™ coating



OPTIONAL NEOPRENE SEAL

- Manufactured from 100% E.P.D.M
- Non Conductive
- Low Carbon

HEX DRIVE SOCKET INCH

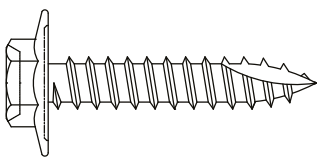
10-12	5/16"
12-11	
14-10	3/8"

T17 POINT FOR TIMBER

MAX DRILL SPEED

1800rpm

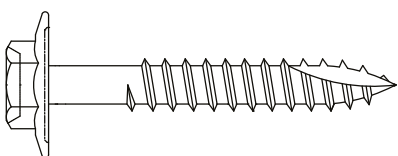
T17 Timber Screws



T17 Timber Hex Head Full Thread No Seal

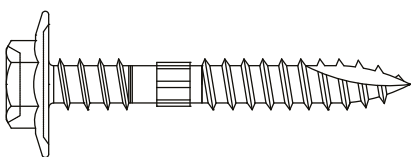
PART NUMBER	GAUGE	TPI	LENGTH (mm)	HEX DRIVE SOCKET	CLASS
TT10-12X25CL5*	10	12	25	5/16"	5
TT12-11X25CL5	12	11	25	5/16"	5
TT14-10X25CL5	14	10	25	3/8"	5

* Also has No 2 Phillips Drive in Head



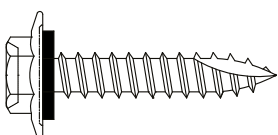
T17 Timber Hex Head Part Thread No Seal

PART NUMBER	GAUGE	TPI	LENGTH (mm)	HEX DRIVE SOCKET	CLASS
TT12-11X55CL5	12	11	55	5/16"	5
TT14-10X50CL5	14	10	50	3/8"	5
TT14-10X65CL5	14	10	65	3/8"	5



T17 Timber Hex Head w/ HiGrasp No Seal

PART NUMBER	GAUGE	TPI	LENGTH (mm)	HEX DRIVE SOCKET	CLASS
TT12-11X50CL5HG	12	11	50	5/16"	5



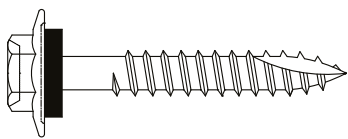
T17 Timber Hex Head Full Thread w/ Neo Seal

PART NUMBER	GAUGE	TPI	LENGTH (mm)	HEX DRIVE SOCKET	CLASS
TT10-12X25CL5N	10	12	25	5/16"	5
TT12-11X25CL5N	12	11	25	5/16"	5
TT12-11X40CL5N	12	11	40	5/16"	5
TT14-10X25CL5N	14	10	25	5/16"	5



ALL PART NUMBERS HIGHLIGHTED YELLOW WILL BE AVAILABLE MID 2017

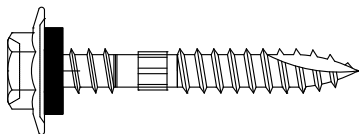
T17 Timber Screws



T17 Timber Hex Head Full Thread w/ Neo Seal

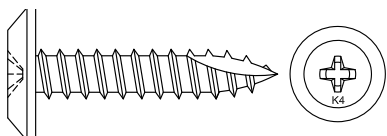
PART NUMBER	GAUGE	TPI	LENGTH (mm)	HEX DRIVE SOCKET	CLASS
TT12-11X55CL5N	12	11	55	5/16"	5
TT12-11X65CL5N	12	11	65	5/16"	5
TT14-10X50CL5N*	14	10	50	3/8"	5
TT14-10X65CL5N	14	10	65	3/8"	5
TT14-10X75CL5N	14	10	75	3/8"	5
TT14-10X90CL5N	14	10	90	3/8"	5

* Also has HiGrasp feature and clearance rib.



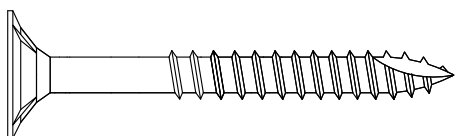
T17 Timber Hex Head w/ HiGrasp & Neo Seal

PART NUMBER	GAUGE	TPI	LENGTH (mm)	HEX DRIVE SOCKET	CLASS
TT12-11X50CL5HGN	12	11	50	5/16"	5
TT12-11X65CL5HGN	12	11	65	5/16"	5



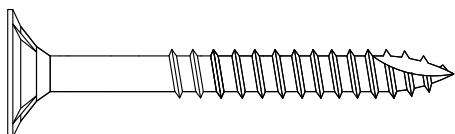
T17 Timber Wafer Head Phillips Drive

PART NUMBER	GAUGE	TPI	LENGTH (mm)	PHILLIPS DRIVE	CLASS
TT10-12X25CL4WA	10	12	25	NO. 2	4
TT10-12X45CL4WA	10	12	45	NO. 2	4



T17 Timber Bugle Batten Class 4

PART NUMBER	GAUGE	TPI	LENGTH (mm)	INTERNAL HEX DRIVE	CLASS
TT14-10X50CL4BB	14	10	50	5mm	4
TT14-10X75CL4BB	14	10	75	5mm	4
TT14-10X100CL4BB	14	10	100	5mm	4
TT14-10X125CL4BB	14	10	125	5mm	4
TT14-10X150CL4BB	14	10	150	5mm	4



T17 Timber Bugle Batten Stainless Steel 304 / 316

PART NUMBER	GAUGE	TPI	LENGTH (mm)	INTERNAL HEX DRIVE	CLASS
TT14-10X50G304BB	14	10	50	5mm	304
TT14-10X75G304BB	14	10	75	5mm	304
TT14-10X100G304BB	14	10	100	5mm	304

AVAILABLE IN COLOURED HEADS



ALL PART NUMBERS HIGHLIGHTED YELLOW WILL BE AVAILABLE MID 2017

Product Technical Data Sheet

12-11 Type 17 Timber HiGrasp

PART NUMBER	DESCRIPTION	PACK / QTY	OUTER BOX
TT12-11X50CL5HGN	12-11 x 50mm Class 5 Type 17 Timber HiGrasp with Seal	100 / 500	600 / 1500
TT12-11X65CL5HGN	12-11 x 65mm Class 5 Type 17 Timber HiGrasp with Seal	100 / 500	600 / 1500

Application:

Konnect® 12-11 Hew Washer HiGrasp Type 17 Screws are designed for installing / fixing via the crest of roof sheets to Top Hat or timber battens.

Drill Capacity:

Top Hat Batten 0.55 - 0.75mm | Timber Batten - Pine or Hardwood

Features:

Hex Drive
HiGrasp Top Thread
Shank Cutters
Finish / Coatings

Advantages:

A positive drive under high installation torque
Stops the sheet from moving when the roof is walked on
Protects the shank and protective coating from damage during installation
K5™ Corrosion Performance Class 5 - ISO 9223 Category 5

Installation Instructions :

1. Use a 5/16" Hexagon Nut Driver / Setter (Konnect® Part Number - KCNS51665 - 65mm long)
2. Use a mains powered or cordless screw driver with a recommended drill speed of 1800 RPM.
3. Fit the Hexagon Nut Driver / Setter over the Hexagon Head of the screw and place at the desired fastening position
4. Apply a consistent firm amount of pressure (end load) to the screw driver until the screw has drilled and fastened into the material.

Material: Carbon Steel SAE 1022 | **Heat Treatment:** To AS3566.1 - 2002 (R2015) | **Finish:** K5™ Coating only

Mechanical Properties:

Single Shear Strength (N) 8500 | Axial Tensile Strength (N) 15,400 | Torsional Strength (Nm) 14.8

Pull Out Values:

G550 0.55mm Batten 1,600 | G550 0.75mm Batten 2,500

* F5 (Pine) Timber 4,300 | F17 (Hardwood) 6,570

All values are averages in Newtons that have been obtained under strict laboratory conditions. Appropriate safety factors should be applied for design purposes.

All these figures listed above are ONLY for Konnect® Head Marked Product.

* Timber values are at 34/36 mm embedment in accordance with AS3566.1 2002 (R2015)

Corrosion Performance:

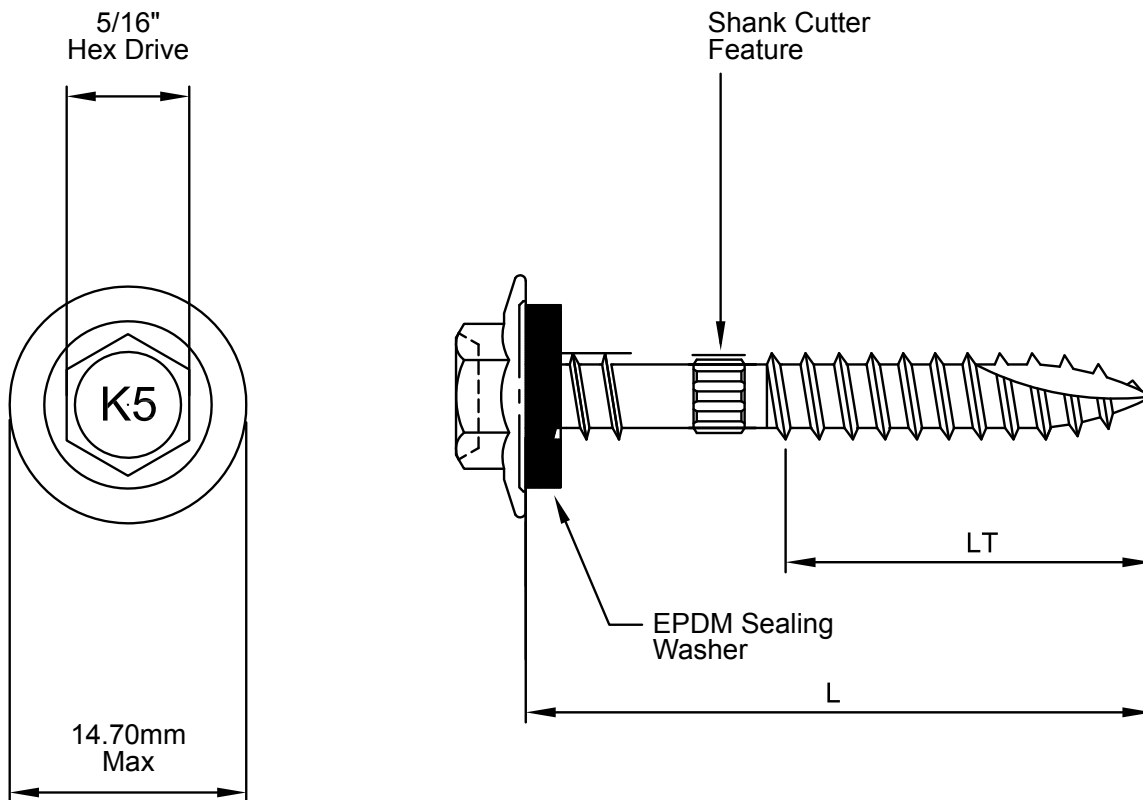
Konnect® Unitites™ with K5™ coating complies to Australian Standard AS3566.2 2002. K5™ Coated product is suitable for all ISO Categories up to and including Category 5.



Whilst every care has been taken in preparation of this guide, Konnect® accepts no responsibility for the accuracy of the information supplied. Copyright 2016. The contents of this document are the exclusive copyright of Konnect® and may not be reproduced without written consent.

Product Technical Data Sheet

12-11 Type 17 Timber HiGrasp



PART NUMBER	L	LT
TT12-11X50CL5HGT17N	48.50 / 50.00	31.00 / 33.00
TT12-11X65CL5HGT17N	63.50 / 65.00	35.00 / 40.00



Whilst every care has been taken in preparation of this guide, Konnect® accepts no responsibility for the accuracy of the information supplied. Copyright 2016. The contents of this document are the exclusive copyright of Konnect® and may not be reproduced without written consent.

STEELTITE®

Mechanical Properties:

STEELTITE® Performance Data

For Steeltite self-drilling screws for steel conforming to AS3566.1-2002

TECHNICAL REQUIREMENTS					
Specification;	Unit	Diameter and Thread pitch			
		10g/16TPI	12g/14TPI	14g/10TPI	14g/20TPI
Axial Withdrawal Force	kN min	2.50	2.80	3.10	3.10
Axial Tensile Strength	kN min	8.60	11.63	14.95	18.89
Minimum Torque for Torsional Strength	Nm min	6.90	10.90	14.10	17.60
Drilling & Threading Capacity	mm	3.50	5	5	6

NOTE:

1. AS3566.1-2002 specifies that Withdrawal Tests be carried out from 1.6mm thick zinc coated steel, Type G450-Z275 in accordance with AS1397

ACTUAL DATA					
Specification;	Unit	Diameter and Thread pitch			
		10g/16TPI	12g/14TPI	14g/10TPI	14g/20TPI
Axial Withdrawal Force	kN	4.00	4.32	3.95	4.38
Axial Tensile Strength	kN	9.76	16.74	21.54	22.76
Single Shear Load	kN	8.30	11.85	13.59	14.46

NOTE:

1. Values quoted are the average of all tests. All samples exceed the minimum requirements specified in AS3566.1-2002
2. AS3566.1-2002 does not specify the values of single shear load. Values shown are for loading through the shank and are provided information



STEELTITE®

K5™ COATING

- 45 Microns of Mechanical galvanising
- 70% Zinc - 30% Tin mix
- Minimum Porosity rating of 8
- 2 Hybrid top coatings

HEADMARKING

'K5™' indicates 'K' Konnect branding & K5™ coating



OPTIONAL NEOPRENE SEAL

- Manufactured from 100% E.P.D.M
- Non Conductive
- Low Carbon

Hex Drive Socket Inch

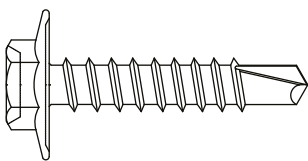
10-16	5/16"
12-14	
12-24	
14-10	3/8"
14-20	
14-14	

SDS POINT

RECOMMENDED DRILL SPEED

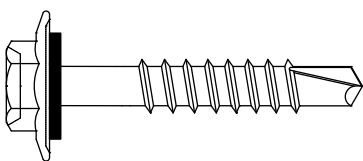
2500rpm

Steeltite® Screws



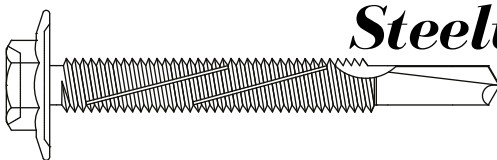
Steeltite® Hex Head No Seal

PART NUMBER	GAUGE	TPI	LENGTH (mm)	HEX DRIVE SOCKET	CLASS
ST10-16X16CL5	10	16	16	5/16"	5
ST10-16X25CL5	10	16	25	5/16"	5
ST12-14X20CL5	12	14	20	5/16"	5
ST12-24X20CL5	12	24	20	5/16"	5
ST12X-14X35CL5	12	14	35	5/16"	5
ST12-14X45CL5	12	14	45	5/16"	5
ST14-14X22CL4	14	14	22	5/16"	4
ST14-14X30CL4	14	14	30	5/16"	4
ST14-10X75CL5	14	10	75	3/8"	5
ST14-14X115CL5	14	14	115	3/8"	5
ST14-20X115CL5	14	20	115	3/8"	5



Steeltite® Hex Head w/ Neo

PART NUMBER	GAUGE	TPI	LENGTH (mm)	HEX DRIVE SOCKET	CLASS
ST10-16X16CL5N	10	16	16	5/16"	5
ST10-16X25CL5N	10	16	25	5/16"	5
ST12-14X20CL5N	12	14	20	5/16"	5
ST12-24X20CL5N	12	24	20	5/16"	5
ST12X-14X35CL5N	12	14	35	5/16"	5
ST12-14X45CL5N	12	14	45	5/16"	5
ST14-14X22CL5N	14	14	22	3/8"	5
ST14-10X75CL5N	14	10	75	3/8"	5
ST14-20X115CL5N	14	20	115	3/8"	5



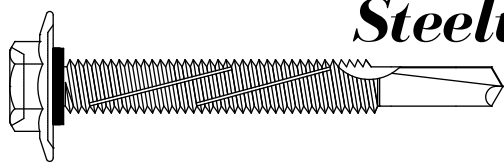
Steeltite® S500 Long Driller Hex Head No Seal

PART NUMBER	GAUGE	TPI	LENGTH (mm)	HEX DRIVE SOCKET	CLASS
ST12-24X32CL5500	12	24	32	5/16"	5
ST12-24X50CL5500	12	24	50	5/16"	5
ST12-24X65CL5500	12	24	65	5/16"	5



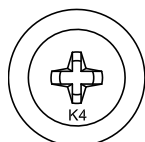
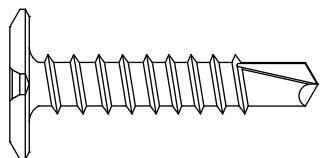
ALL PART NUMBERS HIGHLIGHTED YELLOW WILL BE AVAILABLE MID 2017

Steeltite® Screws



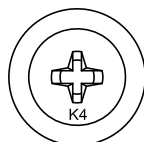
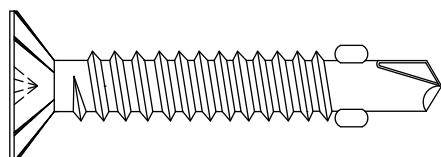
Steeltite® S500 Long Driller Hex Head w/ Neo

PART NUMBER	GAUGE	TPI	LENGTH (mm)	HEX DRIVE SOCKET	CLASS
ST12-24X32CL5500N	12	24	32	5/16"	5
ST12-24X50CL5500N	12	24	50	5/16"	5
ST12-24X65CL5500N	12	24	65	5/16"	5



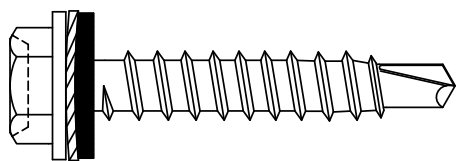
Steeltite® Wafer Head Phillips Drive

PART NUMBER	GAUGE	TPI	LENGTH (mm)	PHILLIPS DRIVE	CLASS
ST10-16X16CL4WA	10	16	16	No. 2	4
ST10-16X22CL4WA	10	16	22	5/16"	4



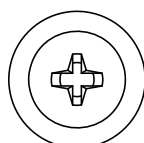
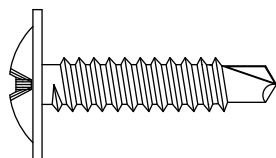
Wingtite CSK Ribbed Head Phillips Drive

PART NUMBER	GAUGE	TPI	LENGTH (mm)	PHILLIPS DRIVE	CLASS
ST8-18X25CL4RIBCW	8	18	25	No. 2	4
ST8-18X35CL4RIBCW	8	18	35	No. 2	4
ST8-18X45CL4RIBCW	8	18	45	No. 2	4
ST10-16X32CL4RIBCW	10	16	32	No. 2	4
ST10-16X45CL4RIBCW	10	16	45	No. 2	4



Steeltite® Stitching Screw Hex Head w/ Bonded Washer

PART NUMBER	GAUGE	TPI	LENGTH (mm)	PHILLIPS DRIVE	CLASS
ST10-14X20CL5LSWA	10	14	20	5/16"	5

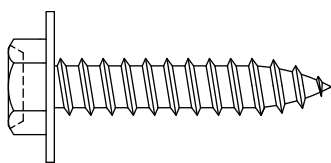


Steeltite® Button Head No. 2 Phillips ZP

PART NUMBER	GAUGE	TPI	LENGTH (mm)	PHILLIPS DRIVE	CLASS
ST8-12X16BHSDS	8	12	16	No. 2	2
ST8-12X20BHSDS	8	12	20	No. 2	2
ST8-12X25BHSDS	8	12	25	No. 2	2
ST8-12X32BHSDS	8	12	32	No. 2	2

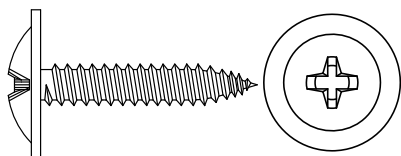
ALL PART NUMBERS HIGHLIGHTED YELLOW WILL BE AVAILABLE MID 2017

Stitching Screws



Hex Head Needle Point No Seal

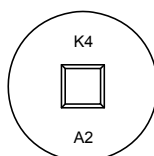
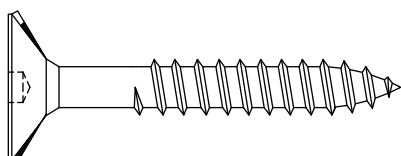
PART NUMBER	GAUGE	TPI	LENGTH (mm)	HEX DRIVE SOCKET	CLASS
TA8-15X12CL4NPSS	8	15	12	1/4"	4
TA8-15X15CL4NPSS	8	15	15	1/4"	4



Button Head Needle Point No Seal

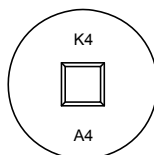
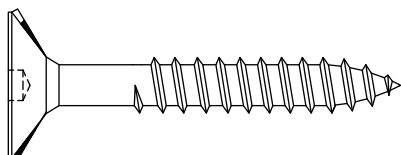
PART NUMBER	GAUGE	TPI	LENGTH (mm)	PHILLIPS DRIVE	CLASS
8X15BHNPSS	8	15	15	No. 2	2
8X20BHNPSS	8	15	20	No. 2	2
8X25BHNPSS	8	15	25	No. 2	2
8X32BHNPSS	8	15	32	No. 2	2

Decking Screws



No. 2 Square Drive SS304 Needle Point

PART NUMBER	GAUGE	TPI	LENGTH (mm)	SQUARE DRIVE	GRADE
10X2G304RCBSSQ2	10	9	50	No. 2	304
10X2.12G304RCBSSQ2	10	9	63	No. 2	304
10X3G304RCBSSQ2	10	9	75	No. 2	304
10X4G304RCBSSQ2	10	9	100	No. 2	304



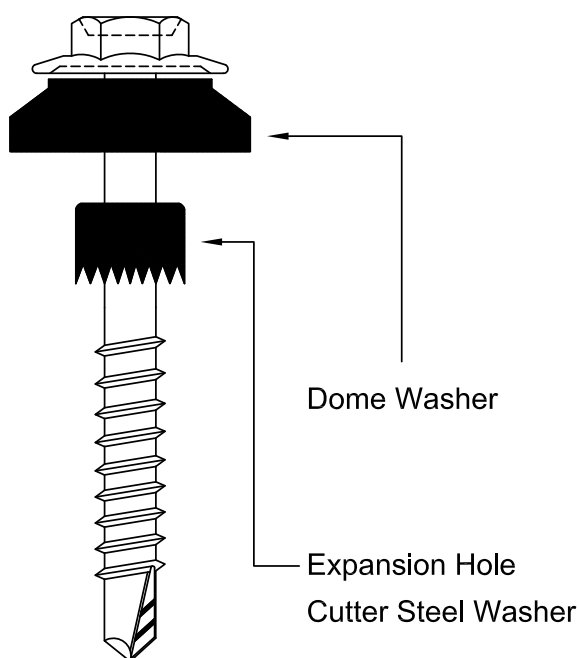
No. 2 Square Drive SS316 Type 17

PART NUMBER	GAUGE	TPI	LENGTH (mm)	SQUARE DRIVE	GRADE
10X1.12G316CBST17SQ2	10	11	38	No. 2	316
10X2G316CBST17SQ2	10	11	50	No. 2	316
10X3G316CBST17SQ2	10	11	75	No. 2	316
10X4G316CBST17SQ2	10	11	100	No. 2	316



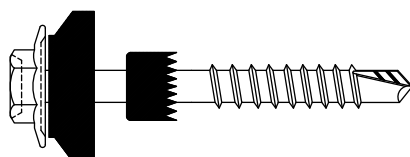
ALL PART NUMBERS HIGHLIGHTED YELLOW WILL BE AVAILABLE MID 2017

Polycarbonate Screws



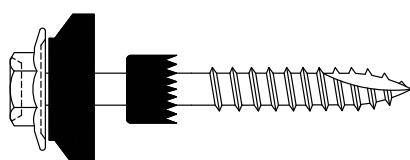
A specific self drilling fastener to secure polycarbonate roofing to timber or metal. The screw comes in two types of drill point depending on your base material or your own preference for fixing.

- High quality 24mm EPDM washer for secure water resistance post fixing.
- Innovative patented expansion hole cutter - pre-drills it's own expansion hole
- Reduce installation time by up to 50%.



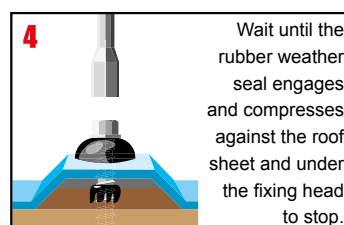
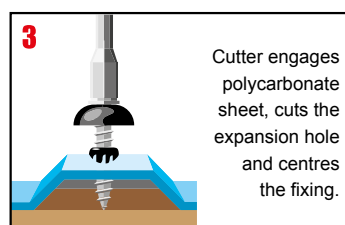
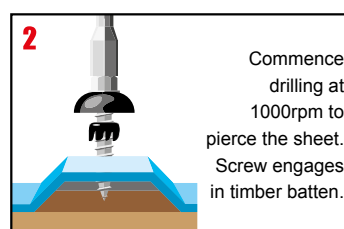
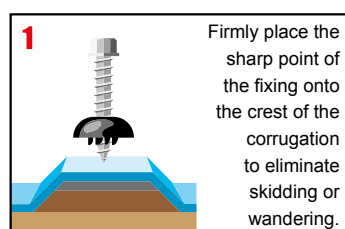
Hex Head Unitite® Point

PART NUMBER	GAUGE	TPI	LENGTH (mm)	HEX DRIVE SOCKET	CLASS
UT6-14X55CL5POLY	M6	14	55	5/16"	5
UT6-14X65CL5POLY	M6	14	65	5/16"	5



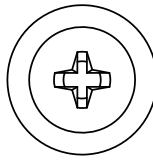
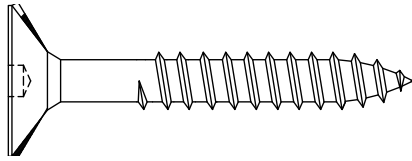
Hex Head T17 Timber

PART NUMBER	GAUGE	TPI	LENGTH (mm)	HEX DRIVE SOCKET	CLASS
TT12-11X55CL5POLY	M6	14	55	5/16"	5
TT12-11X65CL5POLY	M6	14	65	5/16"	5



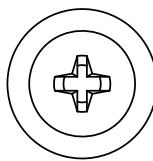
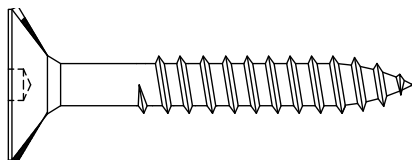
ALL PART NUMBERS HIGHLIGHTED
YELLOW WILL BE AVAILABLE MID 2017

Chipboard Screws



***No. 2 Phillips Drive
Class 2 ZP***

PART NUMBER	GAUGE	TPI	LENGTH (mm)	PHILLIPS DRIVE	CLASS
8X20CL2CBS	8	9	20	No. 2	2
8X25CL2CBS	8	9	25	No. 2	2
8X28CL2CBS	8	9	28	No. 2	2
8X32CL2CBS	8	9	32	No. 2	2
8X35CL2CBS	8	9	35	No. 2	2
8X40CL2CBS	8	9	40	No. 2	2
8X45CL2CBS	8	9	45	No. 2	2
8X50CL2CBS	8	9	50	No. 2	2
8X57CL2CBS	8	9	57	No. 2	2
10X65CL2CBS	10	9	65	No. 2	2
10X75CL2CBS	10	9	75	No. 2	2

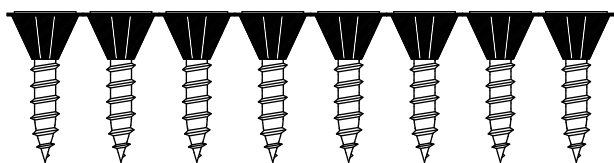


***No. 2 Phillips Drive
Class 3***

PART NUMBER	GAUGE	TPI	LENGTH (mm)	PHILLIPS DRIVE	CLASS
8X25CL3CBS	8	9	25	No. 2	3
8X32CL3CBS	8	9	32	No. 2	3
8X40CL3CBS	8	9	40	No. 2	3
8X45CL3CBS	8	9	45	No. 2	3
8X50CL3CBS	8	9	50	No. 2	3
8X57CL3CBS	8	9	57	No. 2	3
10X65CL3CBS	10	9	65	No. 2	3
10X75CL3CBS	10	9	75	No. 2	3
10X100CL3CBS	10	9	100	No. 2	3

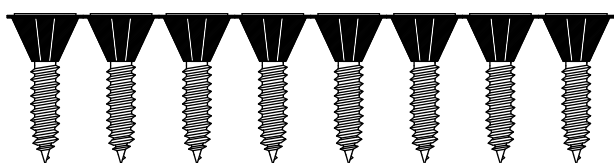


Plasterboard Screws



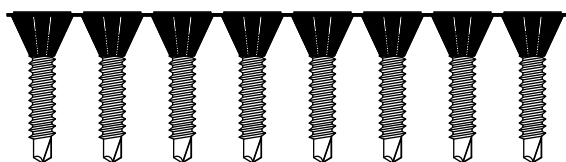
Class 2 ZP Needle Point Collated Coarse Thread

PART NUMBER	GAUGE	TPI	LENGTH (mm)	PHILLIPS DRIVE	CLASS
6X25BDWSCOLBOX	6	9	25	No. 2	2
6X32BDWSCOLBOX	6	9	32	No. 2	2
6X40BDWSCOLBOX	6	9	40	No. 2	2



Class 2 ZP Needle Point Collated Fine Thread

PART NUMBER	GAUGE	TPI	LENGTH (mm)	PHILLIPS DRIVE	CLASS
6X25BDWSFCOLBOX	6	18	25	No. 2	2
6X32BDWSFCOLBOX	6	18	32	No. 2	2
6X41BDWSFCOLBOX	6	18	41	No. 2	2



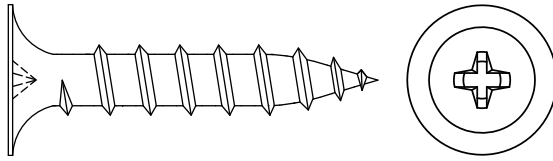
Class 2 ZP Steeltite® Point Collated

PART NUMBER	GAUGE	TPI	LENGTH (mm)	PHILLIPS DRIVE	CLASS
6-20X25BUSDSCOLBOX	6	20	25	No. 2	2
6-20X32BUSDSCOLBOX	6	20	32	No. 2	2
6-20X41BUSDSCOLBOX	6	20	41	No. 2	2



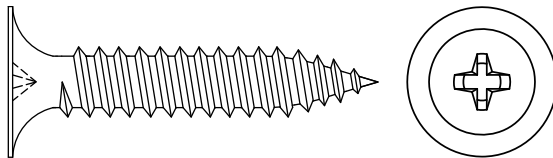
ALL PART NUMBERS HIGHLIGHTED YELLOW WILL BE AVAILABLE MID 2017

Plasterboard Screws



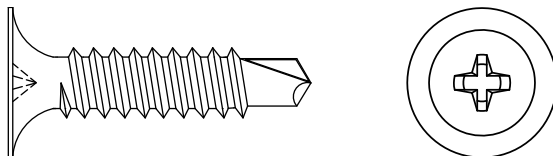
Class 2 ZP Needle Point Coarse Thread

PART NUMBER	GAUGE	TPI	LENGTH (mm)	PHILLIPS DRIVE	CLASS
6X25BDWSC	6	9	25	No. 2	2
6X32BDWSC	6	9	32	No. 2	2
6X41BDWSC	6	9	41	No. 2	2



Class 2 ZP Needle Point Fine Thread

PART NUMBER	GAUGE	TPI	LENGTH (mm)	PHILLIPS DRIVE	CLASS
6X25BDWS	6	18	25	No. 2	2
6X32BDWS	6	18	32	No. 2	2
6X41BDWS	6	18	41	No. 2	2

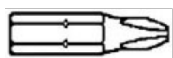


Class 2 ZP Steeltite® Point

PART NUMBER	GAUGE	TPI	LENGTH (mm)	PHILLIPS DRIVE	CLASS
ST6-18X25BU	6	18	25	No. 2	2
ST6-18X32BU	6	18	32	No. 2	2
ST6-18X41BU	6	18	41	No. 2	2

Driver Bits

Phillips - 1/4" Hex



Drive Bit

No.2 Square



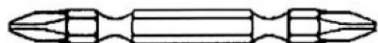
Drive Bit

PART NUMBER	PHILLIPS DRIVE	LENGTH (mm)	PACK QTY
KPH225SH	No. 2	25	10
KPH250S	No. 2	50	1
KPH250SH	No. 2	50	10
KPH275S	No. 2	75	1
KPH275SH	No. 2	75	1
KCPH2100S	No. 2	100	1
KCPH2150S	No. 2	150	1

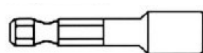
PART NUMBER	SQUARE DRIVE	LENGTH (mm)	PACK QTY
KSQ225SH	2	25	10
KSQ250SH	2	50	10

Nutsetters

Phillips - Double Ended Drive Bit



1/4" Hex Shank



Magnetic

PART NUMBER	PHILLIPS DRIVE	LENGTH (mm)	PACK QTY
KCPH245D	No. 2	45 D/E	1
KCPH245DH	No. 2	45 D/E	10
KCPH265D	No. 2	65 D/E	1
KCPH265DH	No. 2	65 D/E	10







PART NUMBER	SIZE	LENGTH (mm)	PACK QTY
KCNS1442	1/4"	42	1
KCNS1465	1/4"	65	1
KCNS51642	5*16"	42	1
KCNS51665	5*16"	65	1
KCNS3842	3/8"	42	1
KCNS3865	3/8"	65	1

5mm Hex Driver Bit



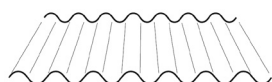
PART NUMBER	HEX DRIVE	LENGTH (mm)	PACK QTY
KHEX530SH	5	30	10
KHEX550SH	5	50	10

Drive Guide

HEAD TYPE	SCREW SIZE		DRIVER
Hex Washer 	8 gauge	(1/4" AFAF)	Magnetic Nutsetter 
	10 gauge	(5/16" AF)	
	12 gauge	(5/16" AF)	
	14 gauge	(3/8" AF)	
Wafer 	8 gauge		No. 2 Philips 
	10 gauge		
Bugle Batten 	14 gauge		Hex Head Drive Bit 5mm 

Roofing Screw Selection Chart

Corrugated Roofing Profiles



	FIXING TO TIMBER BATTENS	FIXING TO METAL 0.45mm - 5.0mm
VALLEY FIX	Unitite® UT6-14x25CL5N or Timber Type 17 TT12-11x25CL5N	Unitite® UT6-14x25CL5N
CREST FIX	Unitite® UT6-14x55CL5N or Timber Type 17 TT12-11x50CL5HGN	Unitite® UT6-14x55CL5N

Square Rib Roofing Profiles



	FIXING TO TIMBER BATTENS	FIXING TO METAL 0.45mm - 5.0mm
VALLEY FIX	Unitite® UT6-14x25CL5N or Timber Type 17 TT12-11x25CL5N	Unitite® UT6-14x25CL5N
CREST FIX	Unitite® UT6-14x65CL5N or Timber Type 17 TT12-11x65CL5HGN	Unitite® UT6-14x55CL5N

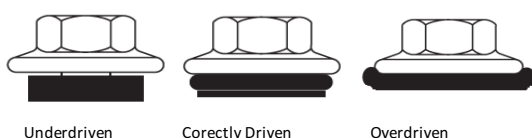
Correct Setting of Screws

Self Drilling Screws with sealing washers (Neo EPDM Washers) should be tightened only until the washer is depressed firmly enough to provide a weathertight seal.

The Self Drilling Screw should not be over-tightened because this may split the sealing washer or deform the sheet, either of which could lead to water penetration.

You should take particular care when valley fixing because there is no flexibility with the sheet as it is hard against its support.

Take particular care to ensure the fastener is driven perpendicular to the sheeting to avoid deformation of the washer.



Underdriven

Correctly Driven

Overdriven





AU: 1300 KONNECT (566632)
NZ: 0508 KONNECT (566632)

www.konnectshop.com

CONSTRUCTION, MINING & INDUSTRIAL SUPPLIES

Australia

QLD	Telephone
BRISBANE INNER CITY 19/43 Lang Parade, Milton, QLD 4064	(07) 3291 8285
CAIRNS 2/46 Ponzo Street, Wooree, QLD 4870	(07) 4035 5600
CALOUNDRA 6/8 Exeter Way, Caloundra, QLD 4551	(07) 5373 4550
CHINCHILLA Unit 3, 4 Dwyer Court, Chinchilla QLD 4413	(07) 4671 7601
GEEBUNG 9/129 Robinson Road, Geelong, QLD 4034	(07) 3265 6111
GLADSTONE 118 Hanson Road, Gladstone, QLD 4680	(07) 4972 5511
GOLD COAST 34 Taree Street, West Burleigh, QLD 4220	(07) 5593 6588
GYMPIE 10/11 Hall Road, Gympie, QLD 4570	(07) 5482 8297
MORNINGSIDE Unit 2, 525 Lytton Road, Morningside, QLD 4170	(07) 3899 6700
MORNINGSIDE CONSTRUCTION Unit 2, 525 Lytton Road, Morningside, QLD 4170	0417 615 991
MOUNT ISA 47 West Street, Mount Isa, QLD 4825	(07) 4743 9788
NORTH BRISBANE 1/11 Baylink Avenue, Deception Bay, QLD 4508	(07) 3291 8265
PINKENBA Building 2, 660 MacArthur Avenue Pinkenba, QLD 4008	(07) 3291 8200
SUNSHINE COAST Unit 1, 53 Wises Road, Maroochydore, QLD 4558	(07) 5451 0388
TOOWOOMBA 10 Tradewinds Court, Toowoomba, QLD 4350	(07) 4633 1777
TOWNSVILLE 92-94 Duckworth Street, Garbutt, Townsville, QLD 4810	(07) 4728 6633
WACOL Unit 1, 1318 Boundary Road, Wacol, QLD 4076	(07) 3879 3043
YATALA Unit 8/8-10 Christensen Rd, Stapylton, QLD 4207	(07) 3291 8255

NSW

ALEXANDRIA Unit 2, 29-33 Bourke Road, Alexandria, NSW 2015	(02) 9698 9566
ALEXANDRIA CONSTRUCTION Unit 2, 29-33 Bourke Road, Alexandria, NSW 2015	0417 974 629
ARTARMON Unit 1,1 Waltham Street, Artarmon, NSW 2064	(02) 9438 3677
ARTARMON CONSTRUCTION Unit 1,1 Waltham Street, Artarmon, NSW 2064	0429 582 200
COFFS HARBOUR U16/3 Engineering Drive, Coffs Harbour, NSW 2450	(02) 6363 1622
DUBBO 2/72 River Street, Dubbo, NSW 2830	(02) 6363 6520
LISMORE Unit 1, 7 Krauss Avenue, South Lismore, NSW 2480	(02) 6621 9677
NEWCASTLE 7/21 Babilla Close, Beresfield, NSW 2322	(02) 4966 3002
ORANGE 203 Byng Street, Orange, NSW 2800	(02) 6369 1622
TAMWORTH 38 Dampier Street, Tamworth, NSW 2340	(02) 6763 8600
WAGGA 9 Dobney Avenue, Wagga, NSW 2650	(02) 6925 6700
WETHERILL PARK 1/429 Victoria Street, Wetherill Park NSW 2164	(02) 9616 6100
WOLLONGONG 1/7 Waverley Drive, Unanderra, NSW 2526	(02) 4225 3744

ACT

CANBERRA U2-10 Maryborough Street, Fyshwick, ACT 2609	(02) 6192 6000
--	----------------

VIC

	Telephone
CAMPBELLFIELD Unit 2, 1730 Hume Highway, Campbellfield, VIC 3061	(03) 9357 2755
DANDENONG Unit 6, 234 – 238 Frankston Dandenong Rd, Dandenong, VIC 3175	(03) 9793 3644
GEE LONG NORTH 18A Tarkin Court, Bell Park, VIC 3215	(03) 5277 2063
LAVERTON Unit 4, 151 Dohertys Road, Laverton, VIC 3026	(03) 9368 7955
MILDURA 53 Seventh Street East, Mildura, VIC 3500	(03) 5021 2311
SHEPPARTON 84 Benalla Road, Shepparton, VIC 3630	(03) 5831 2577
SOUTH MELBOURNE 188 Kings Way, South Melbourne, VIC 3205	(03) 9368 7930
THOMASTOWN 235 Settlement Road, Thomastown, VIC 3074	(03) 9205 8259
WODONGA 2/10 South Street, Wodonga, VIC 3690	(02) 6024 1100

TAS

BURNIE 127 Bass Highway, Cooe, TAS 7320	(03) 6431 7077
HOBERT 71 Charles Street, Moonah, TAS 7009,	(03) 6272 8794
LAUNCESTON 101B Invermay Rd, Launceston TAS 7250	(03) 6334 9102

WA

BIBRA LAKE 2/13 Discovery Drive, Bibra Lake, WA, 6163	(08) 9331 2455
BUNBURY Cnr Profit Street & Wilson Road, Bunbury, WA 6230	(08) 9724 2500
KWINANA 36 Mandurah Road, Kwinana, WA 6167	(08) 9439 7000
OSBORNE PARK Unit 1B, 15 Hector Street, Osborne Park, WA 6017	(08) 9244 4555
WANGARA 5/1 Dallamarta Road, Wangara, WA 6021	(08) 9276 0100
WELSHPOOL 5/9-13 Kewdale Road, Welshpool, WA 6106	(08) 9350 3600

SA

LONSDALE 6 Aldershot Road, Lonsdale, SA 5160	(08) 8326 4122
WINGFIELD 13 Rosberg Road, Wingfield, SA 5013	(08) 8300 8700

NT

WINNELLIE 20 Mataram Street, Winnellie, NT 0820	(08) 8947 1359
--	----------------

Konnect® also available from these Cooper Fluid Systems branches:

QLD	Telephone
MACKEY 8 Michelmore St, Paget, 4740	(07) 4952 4844

WA

KALGOORLIE 16 Atbara Street, Kalgoorlie, WA, 6430	(08) 9021 4000
NEWMAN Shed 2, 10 Pardoo Street, Newman WA 6753	(08) 9181 5500

New Zealand

NORTH ISLAND	Telephone
ALBANY Unit K, 118 Bush Road, Albany, NZ, 0632	(09) 477 0480
AUCKLAND CBD Unit 3, 114 Nelson Street, Auckland City, 1010	(09) 477 0484
EAST TAMAKI 11 Bruce Roderick Drive, East Tamaki, Auckland, NZ, 2013	(09) 276 0760
HAMILTON 31 Tawn Place, Te Rapa, Hamilton NZ, 3200	(07) 848 1290
HASTINGS 109 Kelfield Place, Frimley, Hastings, NZ, 4120	(06) 873 9501
NAPIER 62 Austin Street, Onekawa, Napier, 4110	(06) 873 9500
NEW PLYMOUTH 53A Hurlstone Drive, New Plymouth, NZ, 4312	(06) 769 6745
WELLINGTON 18 Centennial Highway, Ngauranga Gorge, Wellington, NZ, 6035	(04) 499 3293
WHANGAREI Unit 2, 17 Dyer Street, Whangarei NZ, 0110	(09) 438 1080

SOUTH ISLAND

	Telephone
NELSON Unit 2B 7 Nayland Road, Stoke, Nelson, NZ, 7011	(03) 547 2681
CHRISTCHURCH CBD 574 Colombo St, Christchurch Central, Christchurch, NZ, 8011	(03) 339 1293
CHRISTCHURCH 117 Wrights Road, Riccarton, Christchurch, NZ, 8024	(03) 338 8938
DUNEDIN Cnr Crawford and Gordon Streets, Dunedin, NZ, 9016	(03) 477 7369



All prices are valid for the catalogue period however Coventry Group Ltd trading as Konnect Shop reserves the right to amend prices in certain circumstances without further notice. Delivery charges may apply for delivery of products in this catalogue. Items shown in this catalogue may not be stocked in all listed locations and may need to be ordered upon customer request. CGL cannot be responsible for the unavailability of such products as a consequence of the failure of suppliers to deliver at all or on time through any circumstances beyond its control E. & O. E. Due to continual product improvement some products may differ from images featured in the catalogue. Whilst every care has been taken to ensure all information and technical data is accurate, CGL will not be liable to any purchaser that relies on any matter, fact or representation, nor will it be liable for subsequent damage or loss resulting from the use of any information contained in the publication. Purchasers should make enquiries prior to placing an order regarding the fitness and suitability of the products advertised.