



BDN FASTENERS



AS3566 Australian Standard
BUILDING FASTENERS

100% Made in Taiwan



ISO 9001:2015

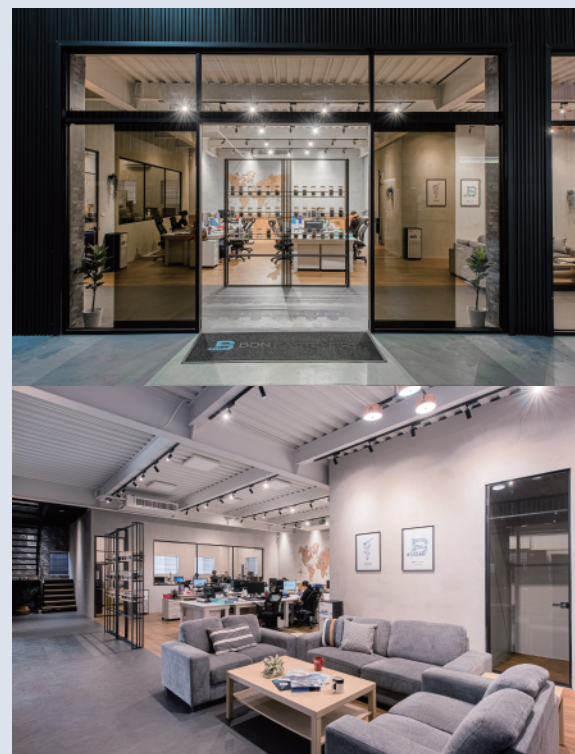


GROUP

BDN Fasteners® is an ISO-9001:2015 Certified Manufacturer of self-drilling and self-tapping screws in various coatings for steel to steel and steel to timber applications. Our headquarters and manufacturing are based in Taiwan, and we also operate sales and marketing offices in India and Thailand.

Founded in 2009.

www.bdnfasteners.com





CAPACITY

BDN Fasteners® are manufactured on a 2000 square meter area which is comprised of Heading, Pinch Pointing, Threading and End-Cutting machines with a total capacity of 600 metric tons per month.

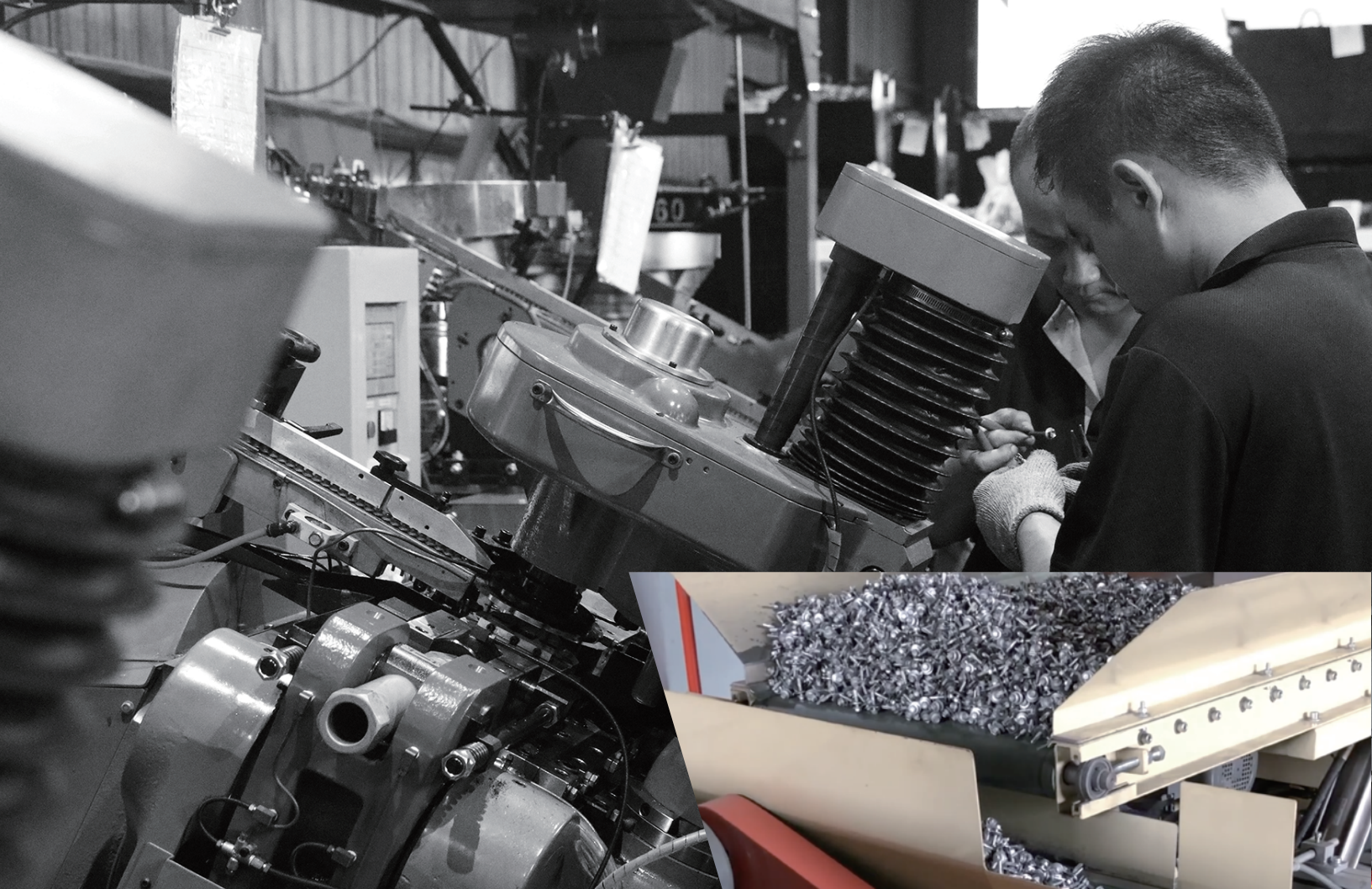
Primary Materials: C1022 Steel from CSC Taiwan

Products: Self-Drilling, Self-Tapping Screws

Size: M3.5~6.3

Length: 300mm (max)





FACTORY

2000 square meter space

Annual capacity

360 containers per year

30 containers per month

600 tons/month

Annual turnover for fasteners is 10 million USD per year.

Annual capacity is approx. 360 containers per year
or 30 containers per month.

PACKAGING FACTORY

3000 square meter space

Semi-Automatic Sorting

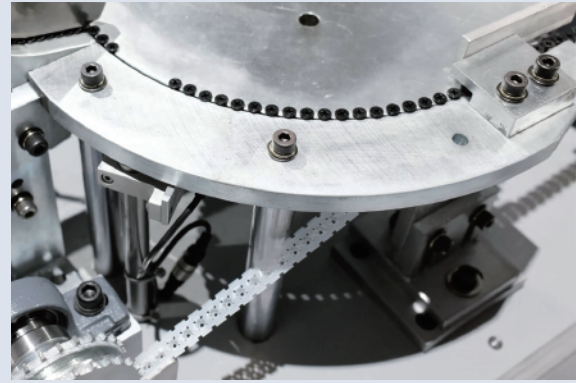
Semi-Automatic Boxing

Semi-Automatic Pouch filling & Packaging

Pallet carton packaging

Collated screws assembly and packaging

Weighers



BDN FASTENERS® - 100% Made in Taiwan, used and loved by customers worldwide for over 13 Years (and counting)!



2009	2014	2015	2017	2018	2019	2022
Established in 2009 and began the trade of selling construction fasteners.	In 2014, the 100% Made in Taiwan, BDN Fasteners brand name stepped into the fasteners scene.	BDN FASTENERS Thailand was established in 2015, and set up as a base for sales and promotion of BDN Fasteners in ASEAN countries.	BDN Fasteners takes a major step forward and builds a new facility dedicated to Heading, Threading, and Pinch Pointing processes – maximizing speed and efficiency, taking our service and quality to the next level.	Despite hard times, BDN Fasteners takes yet another bold step forwards, relocating to a larger storage and packaging facility for better logistics, accommodate additional personnel, and new packaging machinery. BDN FASTENERS PVT.LTD. was established in the end of July, 2018 for sales in Indian market.	BDN FASTENERS takes another bold step forwards, moving our packaging and warehouse facility to a larger area in order to provide better, faster service in the near future.	Despite the outburst of COVID-19 and the world going topsy-turvy, BDN Fasteners has taken advantage of the calm within the storm, expanding of our facility and adding multiple collated screw assembly lines, fully prepared once the global economy bounces back to pre-pandemic levels.





Your strong fastening partner. Join us!



PRODUCTS

BDN Fasteners offer a full range of Australian AS3566 Standard self-drilling and self-tapping screws for steel to steel and steel to timber applications in various coating options to cope with different environments. We aim to provide customers with the highest quality product at a competitive price.

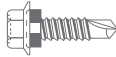


CONTENTS



METAL-Tite™

Valley Fixing Fasteners



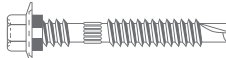
10

Valley Fixing Fasteners - Heavy Section



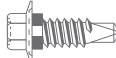
12

Crest Fixing Fasteners



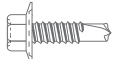
14

Stitching Fasteners



16

Truss to Plate Connection Fasteners



18

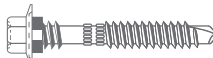
Concealed Fixing Fasteners



20

DUAL-Tite™

Timber and Light Metal Roofing Screw



22

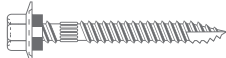
TIMBER-Tite™

Valley Fixing Fasteners



24

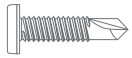
Crest Fixing Fasteners



26

FRAME-Tite™

Valley Fixing Fasteners



28

TRUSS-Tite™

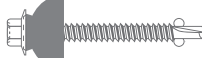
Fixing Steel Roof and Floor Trusses



30

POLYXPAND™

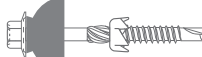
Skylight Fixing Fasteners



32

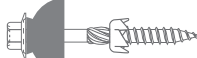
POLY-FAST™

Polycarbonate Roofing Fasteners (For Steel)



34

Polycarbonate Roofing Fasteners (For Timber)



Collated Series

36

METAL-Tite[™]

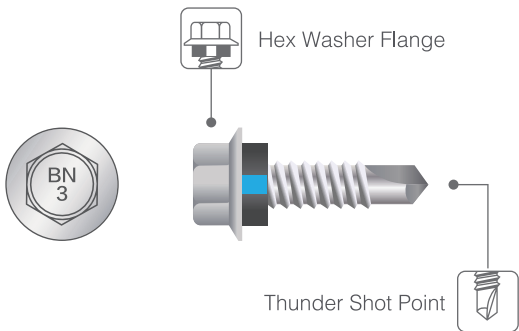
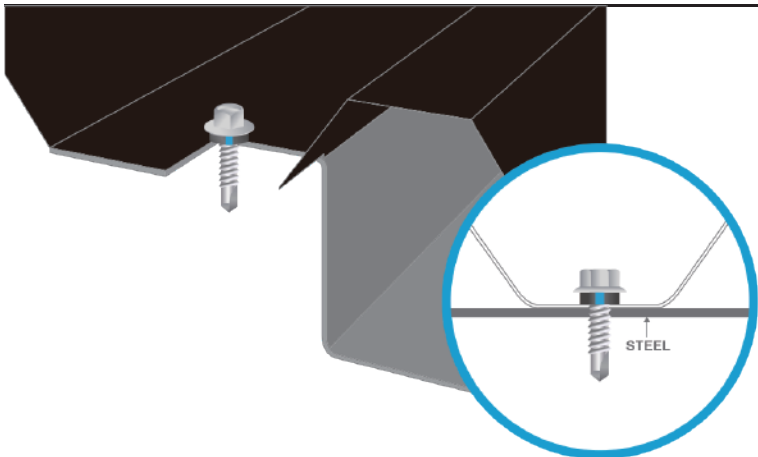
Fixing Cladding to Metal



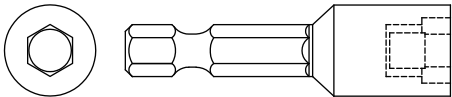
METAL-Tite™

Valley Fixing Fasteners

Carbon steel fasteners for fixing steel sheets onto steel substrates



ADAPTER TO USE
Magnetic Hex Socket (5/16")



STEEL PENETRATION
Max 4.0mm thick (For #10 gauge)
Max 6.0mm thick (For #12 gauge)

PRODUCT FEATURES
Hex Washer Flange
Thunder-Shot Point

WASHER
DEKS Dekseal® Trueblue® Washer



PART NUMBER



BN2 Series
SST 500 hrs +
Kesternich 5 cycles

SDHC1016C2N	10-16 x 16mm
SDHC1020C2N	10-16 x 20mm
SDHC1030C2N	10-16 x 30mm
SDHC1220C2N	12-14 x 20mm



BN3 Series
SST 1000 hrs +
Kesternich 7 cycles

SDHC1016C3N	10-16 x 16mm
SDHC1020C3N	10-16 x 20mm
SDHC1030C3N	10-16 x 30mm
SDHC1220C3N	12-14 x 20mm



BN+ Series
SST 1000 hrs +
Kesternich 15 cycles

SDHC1016C3+N	10-16 x 16mm
SDHC1020C3+N	10-16 x 20mm
SDHC1030C3+N	10-16 x 30mm
SDHC1220C3+N	12-14 x 20mm

*For sizes not indicated, please contact for further information

METAL-TiteTM

Fixing to Thick Steel

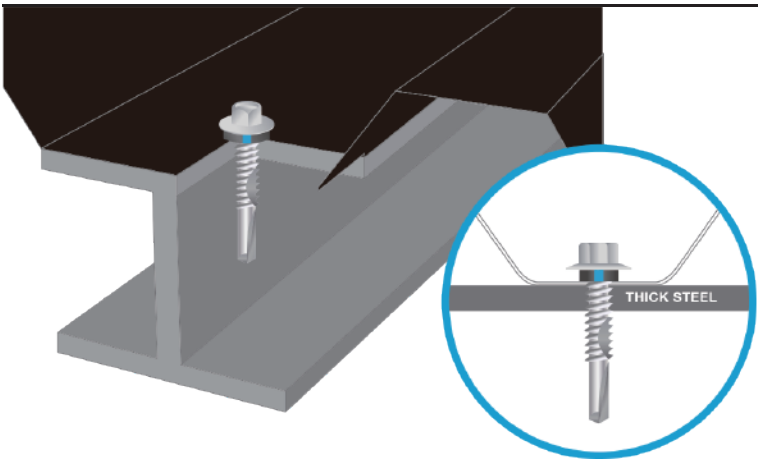


www.bdnfasteners.com

METAL-Tite™

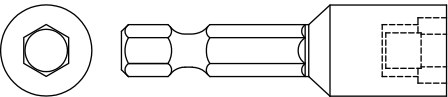
Heavy Section

The patented Thunder-Shot Drill Point is designed for fixing cladding to thick steel and drills through 12.5mm thick steel with ease.



ADAPTER TO USE

Magnetic Hex Socket (5/16")



STEEL PENETRATION

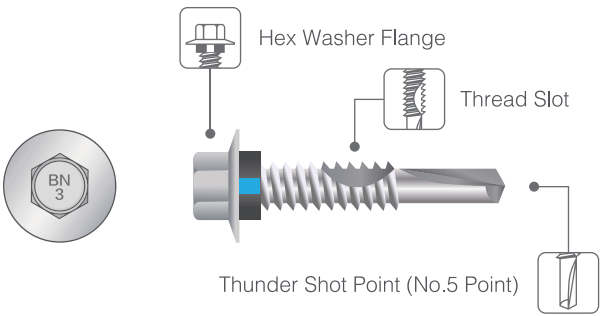
Max 12.5mm thick

PRODUCT FEATURES

- Hex Washer Flange
- Thread slot
- No.5 Drilling Point

WASHER

DEKS Dekseal® Trueblue® Washer



PART NUMBER



BN2 Series
SST 500 hrs +
Kesternich 5 cycles

SDH5F1232C2N	12-24 x 32mm
SDH5F1238C2N	12-24 x 38mm
SDH5F1250C2N	12-24 x 50mm



BN3 Series
SST 1000 hrs +
Kesternich 7 cycles

SDH5F1232C3N	12-24 x 32mm
SDH5F1238C3N	12-24 x 38mm
SDH5F1250C3N	12-24 x 50mm



BN+ Series
SST 1000 hrs +
Kesternich 15 cycles

SDH5F1232C3+N	12-24 x 32mm
SDH5F1238C3+N	12-24 x 38mm
SDH5F1250C3+N	12-24 x 50mm

*For sizes not indicated, please contact for further information

METAL-Tite™

Fixing Roof Sheetting to Metal

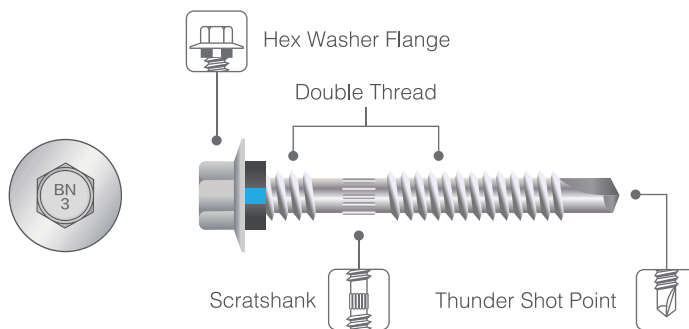
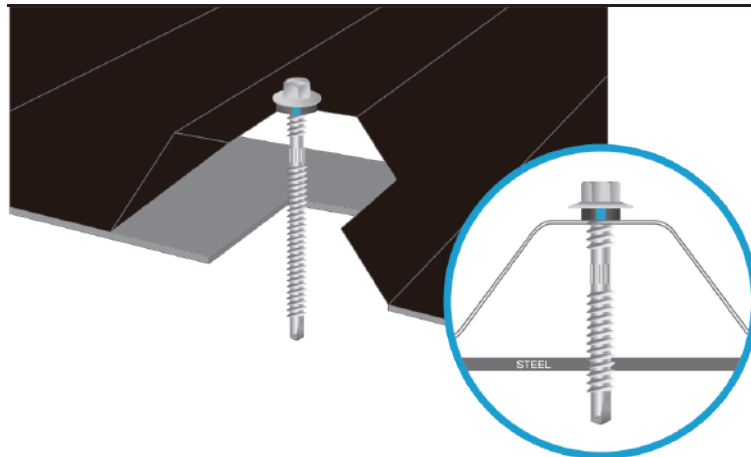


www.bdnfasteners.com

METAL-Tite™

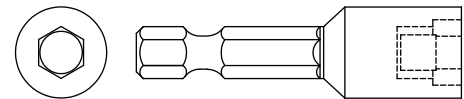
Crest Fixing Fasteners

Carbon steel fasteners for fixing steel sheets onto steel substrates



ADAPTER TO USE

Magnetic Hex Socket (5/16")



STEEL PENETRATION

Max 6.0mm thick (For #12 gauge)

PRODUCT FEATURES

Hex Washer Flange
Thunder-Shot Point
Double Thread
Scratchank

WASHER

DEKS Dekseal® Trueblue® Washer



PART NUMBER



BN2 Series

SST 500 hrs +
Kesternich 5 cycles

SDHCG1245C2N	12-14 x 45mm
SDHCG1248C2N	12-14 x 48mm
SDHCG1255C2N	12-14 x 55mm
SDHCG1265C2N	12-14 x 65mm
SDHCG1275C2N	12-14 x 75mm
SDHCG1285C2N	12-14 x 85mm
SDHCG12110C2N	12-14 x 110mm
SDHCG12130C2N	12-14 x 130mm



BN3 Series

SST 1000 hrs +
Kesternich 7 cycles

SDHCG1245C3N	12-14 x 45mm
SDHCG1248C3N	12-14 x 48mm
SDHCG1255C3N	12-14 x 55mm
SDHCG1265C3N	12-14 x 65mm
SDHCG1275C3N	12-14 x 75mm
SDHCG1285C3N	12-14 x 85mm
SDHCG12110C3N	12-14 x 110mm
SDHCG12130C3N	12-14 x 130mm



BN+ Series

SST 1000 hrs +
Kesternich 15 cycles

SDHCG1245C3+N	12-14 x 45mm
SDHCG1248C3+N	12-14 x 48mm
SDHCG1255C3+N	12-14 x 55mm
SDHCG1265C3+N	12-14 x 65mm
SDHCG1275C3+N	12-14 x 75mm
SDHCG1285C3+N	12-14 x 85mm
SDHCG12110C3+N	12-14 x 110mm
SDHCG12130C3+N	12-14 x 130mm

*For sizes not indicated, please contact for further information

METAL-Tite™

Stitching Screws Fixing to Metal

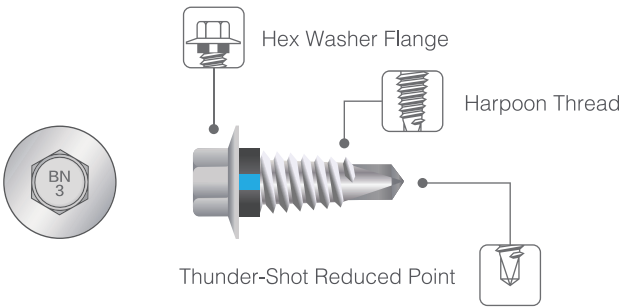
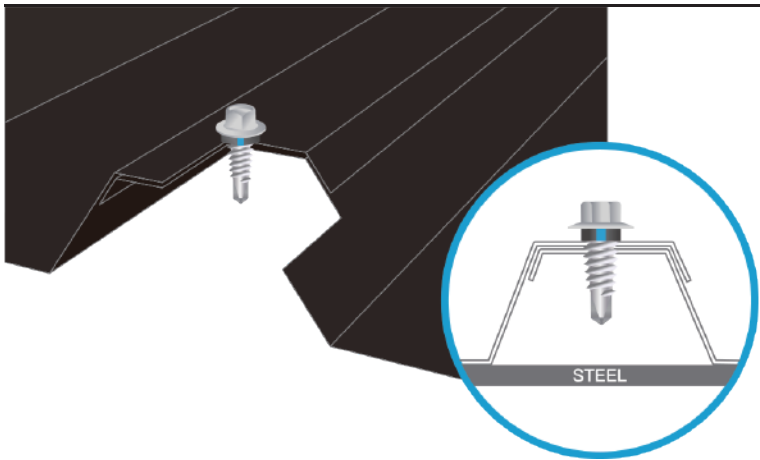


www.bdnfasteners.com

METAL-Tite™

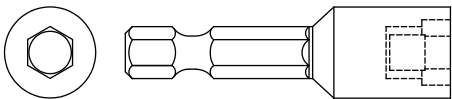
Stitching Fasteners

Carbon steel fasteners for fixing steel sheets onto steel substrates



ADAPTER TO USE

Magnetic Hex Socket (5/16")



STEEL PENETRATION

Max 2.0mm thick (For #15 gauge)

PRODUCT FEATURES

- Hex Washer Flange
- Thunder-Shot Reduced Point
- Harpoon Thread

WASHER

DEKS Dekseal® Trueblue® Washer



PART NUMBER



BN2 Series
SST 500 hrs +
Kesternich 5 cycles

SDHC1520C2N 15-15 x 20mm



BN3 Series
SST 1000 hrs +
Kesternich 7 cycles

SDHC1520C3N 15-15 x 20mm



BN+ Series
SST 1000 hrs +
Kesternich 15 cycles

SDHC1520C3+N 15-15 x 20mm

*For sizes not indicated, please contact for further information

METAL-Tite[™]

Truss to Plate Connection

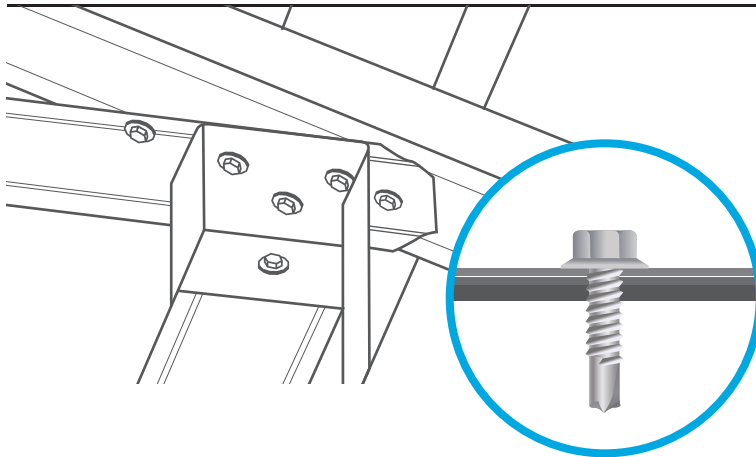


www.bdnfasteners.com

METAL-Tite™

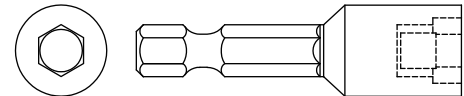
Truss to Plate Connection

Follow Australian AS3566 standards, and are designed for fixing steel trusses to steel ranging from 0.75mm to 1.6mm thick.



ADAPTER TO USE

Magnetic Hex Socket (5/16")

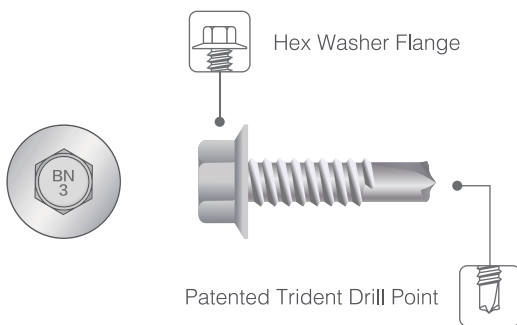


STEEL PENETRATION

Max 6.0mm thick

PRODUCT FEATURES

Patented Trident Drill Point
High pull-out strength



PART NUMBER



BN2 Series

SST 500 hrs +
Kesternich 5 cycles

SDHC1220C2 12-14 x 20mm



BN3 Series

SST 1000 hrs +
Kesternich 7 cycles

SDHC1220C3 12-14 x 20mm



BN+ Series

SST 1000 hrs +
Kesternich 15 cycles

SDHC1220C3+ 12-14 x 20mm

*For sizes not indicated, please contact for further information

METAL-Tite™

Concealed Fixing to Metal

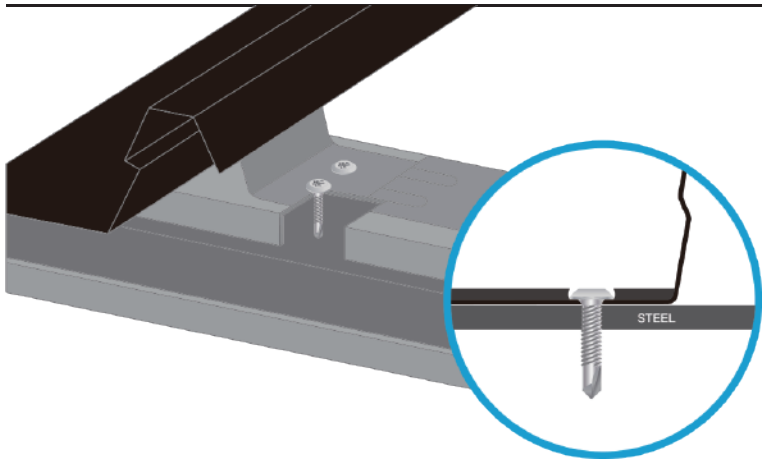


www.bdnfasteners.com

METAL-Tite™

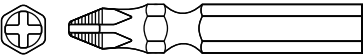
Concealed Fixing Fasteners

Carbon steel fasteners for fixing steel sheets onto steel substrates



ADAPTER TO USE

Philips Bit (PH2+)

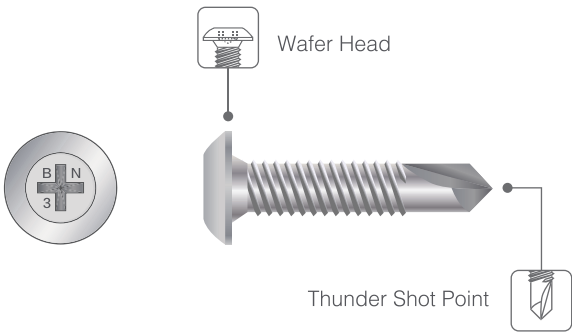


STEEL PENETRATION

Max 4.0mm thick

PRODUCT FEATURES

- Wafer Head
- Philips Drive
- Thunder-Shot Point



PART NUMBER



BN2 Series
SST 500 hrs +
Kesternich 5 cycles

SDWF1016C2 10-24 x 16mm
SDWF1022C2 10-24 x 22mm



BN3 Series
SST 1000 hrs +
Kesternich 7 cycles

SDWF1016C3 10-24 x 16mm
SDWF1022C3 10-24 x 22mm



BN+ Series
SST 1000 hrs +
Kesternich 15 cycles

SDWF1016C3+ 10-24 x 16mm
SDWF1022C3+ 10-24 x 22mm

*For sizes not indicated, please contact for further information

DUAL-TiteTM

Duofix 2-IN-1 Roofing Screws

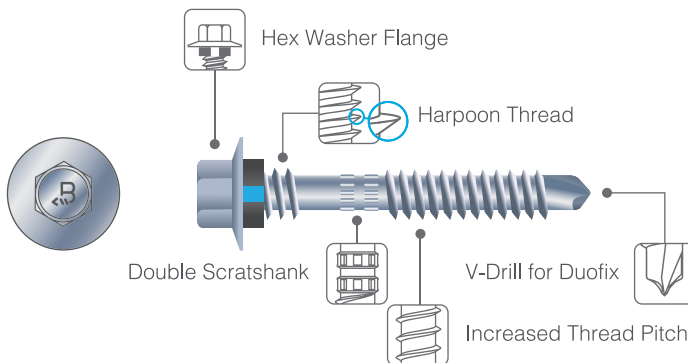
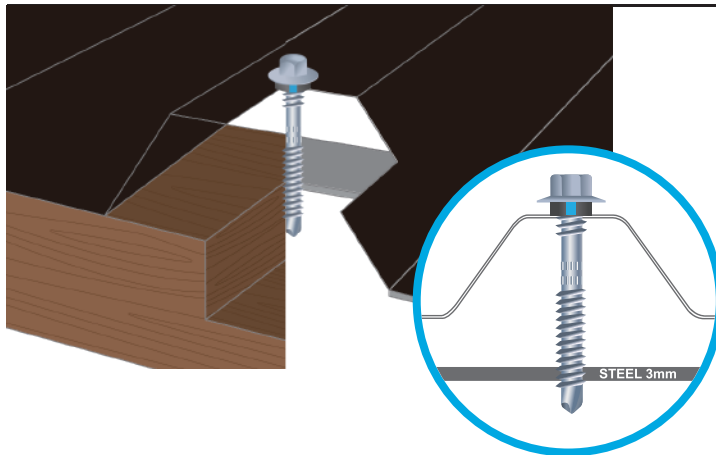


www.bdnfasteners.com

DUAL-Tite™

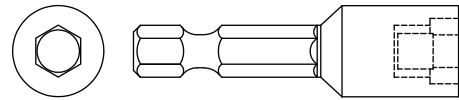
Timber and Light Metal Self-Drilling Screws

Duofix 2-IN-1 roofing screws are suited for hard timber and up to 3mm light metal fixing.



ADAPTER TO USE

Magnetic Hex Socket (5/16")



STEEL / TIMBER PENETRATION

Steel: Max 3.0mm thick (For #12 gauge)

Timber: Min 20mm penetration

PRODUCT FEATURES

Hex Washer Flange

Harpoon Thread

Double Scrutshank

Increased Thread Pitch

V-Drill for Duofix

WASHER

DEKS Dekseal® Trueblue® Washer



PART NUMBER



BN2 Series

SST 500 hrs +

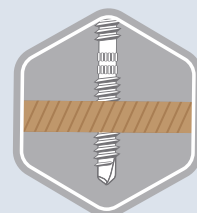
Kesternich 5 cycles

SDHXG1250C2N 12-11 x 50mm

STEEL



TIMBER



*For sizes not indicated, please contact for further information

TIMBER-Tite™

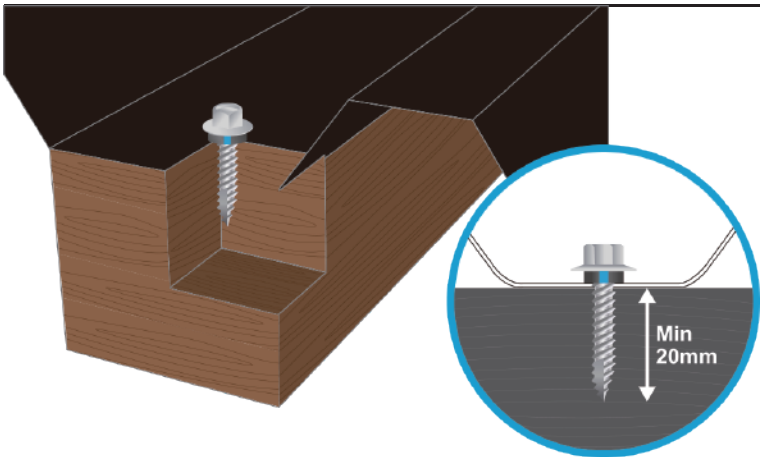
Fixing Cladding to Timber



TIMBER-Tite™

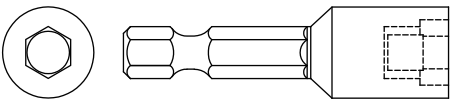
Valley Fixing Fasteners

Carbon steel fasteners for fixing steel sheets into timber substrates



ADAPTER TO USE

Magnetic Hex Socket (5/16")



TIMBER PENETRATION

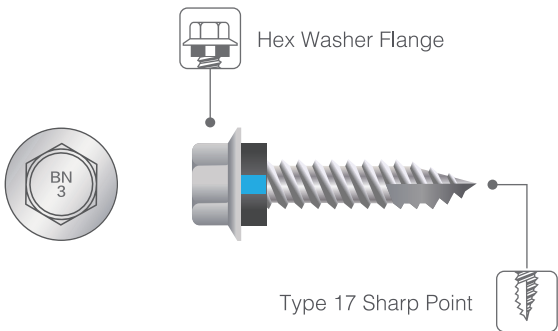
Min 20mm penetration

PRODUCT FEATURES

Hex Washer Flange
Type 17 Sharp Point

WASHER

DEKS Dekseal® Trueblue® Washer



PART NUMBER



BN2 Series

SST 500 hrs +
Kesternich 5 cycles

T17H1020C2N	10-12 x 20mm
T17H1025C2N	10-12 x 25mm
T17H1225C2N	12-11 x 25mm
T17H1230C2N	12-11 x 30mm



BN3 Series

SST 1000 hrs +
Kesternich 7 cycles

T17H1020C3N	10-12 x 20mm
T17H1025C3N	10-12 x 25mm
T17H1225C3N	12-11 x 25mm
T17H1230C3N	12-11 x 30mm



BN+ Series

SST 1000 hrs +
Kesternich 15 cycles

T17H1020C3+N	10-12 x 20mm
T17H1025C3+N	10-12 x 25mm
T17H1225C3+N	12-11 x 25mm
T17H1230C3+N	12-11 x 30mm

*For sizes not indicated, please contact for further information

TIMBER-Tite™

Fixing Roof Sheeting to Timber

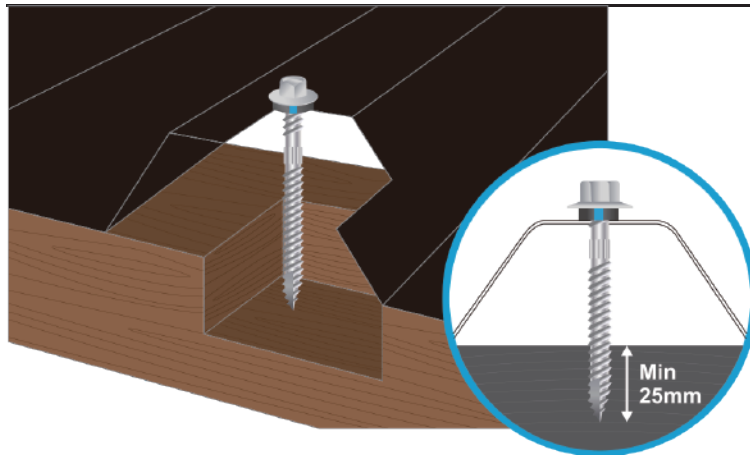


www.bdnfasteners.com

TIMBER-Tite™

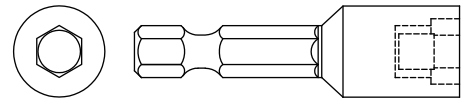
Crest Fixing Fasteners

Carbon steel fasteners for fixing steel sheets onto steel substrates



ADAPTER TO USE

Magnetic Hex Socket (5/16")



TIMBER PENETRATION

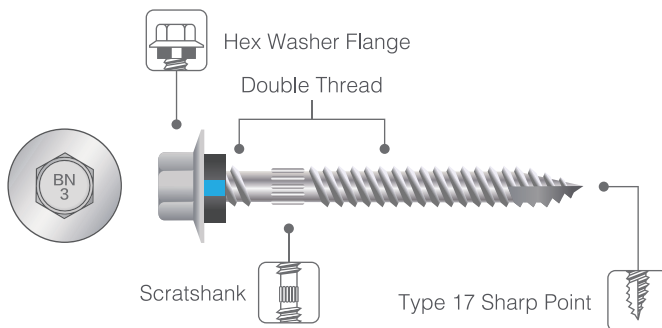
Min 20mm penetration

PRODUCT FEATURES

Hex Washer Flange
Type 17 Sharp Point
Double Thread
Scratchshank

WASHER

DEKS Dekseal® Trueblue® Washer



PART NUMBER



BN2 Series

SST 500 hrs +
Kesternich 5 cycles

T17HCG1250C2N	12-11 x 50mm
T17HCG1255C2N	12-11 x 55mm
T17HCG1265C2N	12-11 x 65mm



BN3 Series

SST 1000 hrs +
Kesternich 7 cycles

T17HCG1250C3N	12-11 x 50mm
T17HCG1255C3N	12-11 x 55mm
T17HCG1265C3N	12-11 x 65mm



BN+ Series

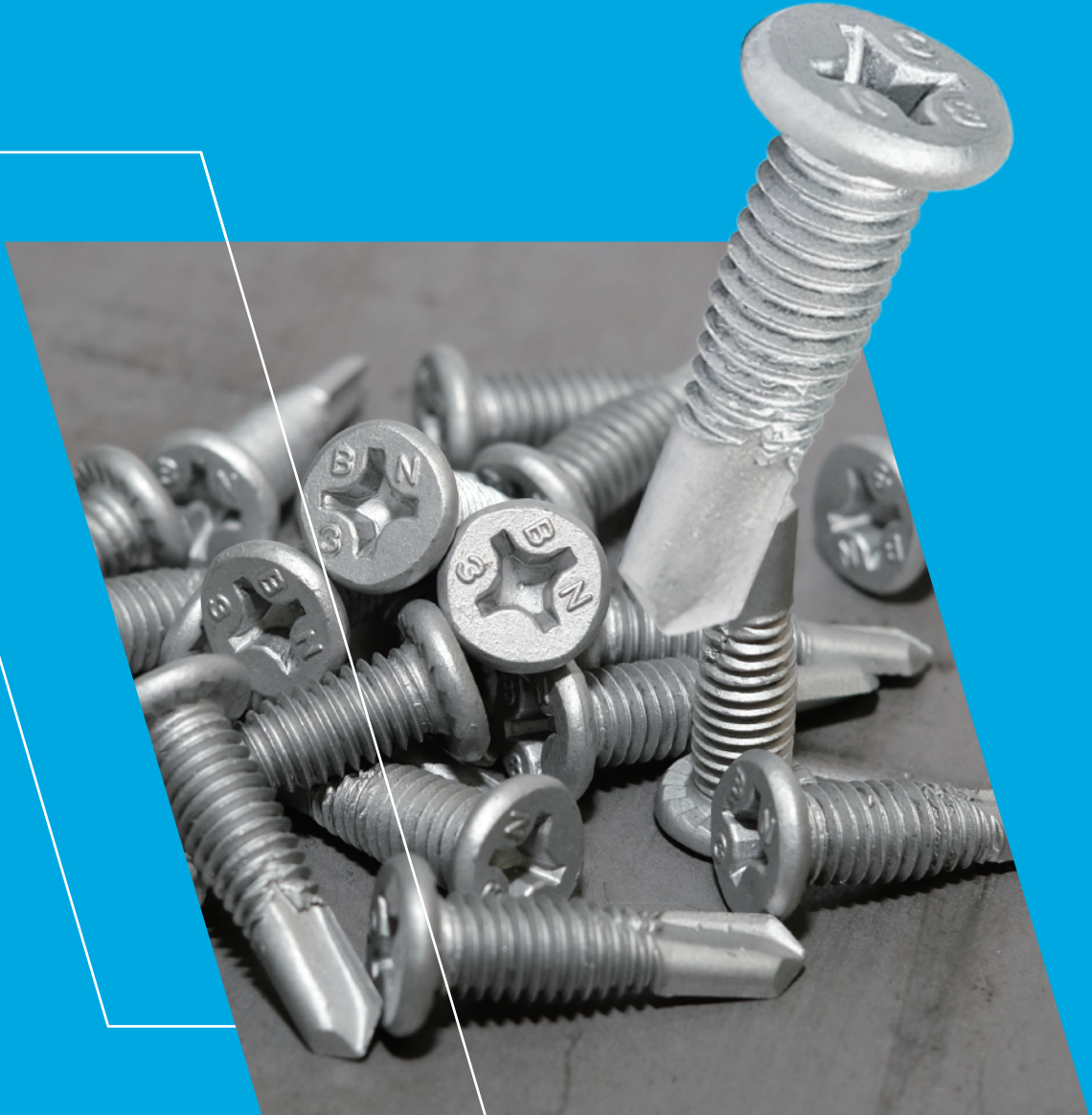
SST 1000 hrs +
Kesternich 15 cycles

T17HCG1250C3+N	12-11 x 50mm
T17HCG1255C3+N	12-11 x 55mm
T17HCG1265C3+N	12-11 x 65mm

*For sizes not indicated, please contact for further information

FRAME-Tite™

Fixing to Steel Wall Frames

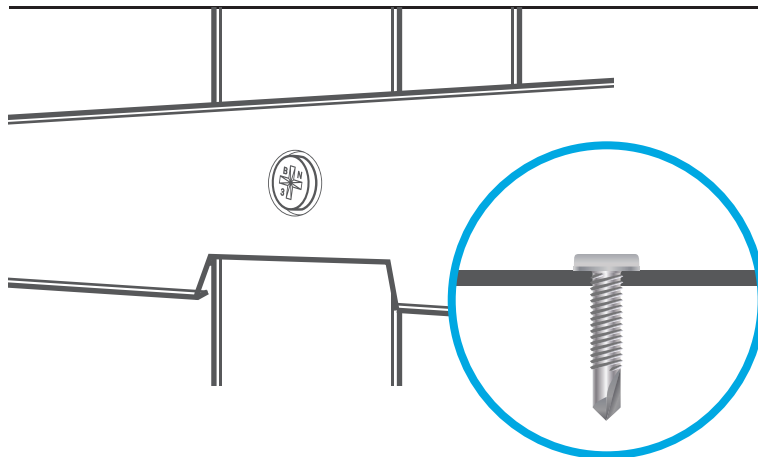


www.bdnfasteners.com

FRAME-Tite™

Fixing to Steel Wall Frames

Flat top frame screw is designed for stud to plate connections and connection lintels to plate without pre-punched holes.



ADAPTER TO USE

Philips Bit (PH3+)



STEEL PENETRATION

0.55mm x 2 to 1mm x 2

PRODUCT FEATURES

- Smooth flat top head for discreet fixing
- Superior holding strength
- Easy application

PART NUMBER



BN3 Series

SST 1000 hrs + Kesternich 7 cycles

SDFHSF0622C3 M6.0-1.00 x 22mm

*For sizes not indicated, please contact for further information

TRUSS-TiteTM

Concealed Fixing to Metal

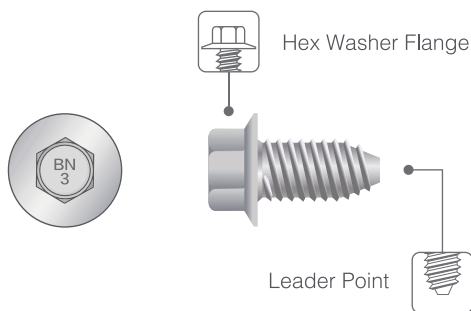
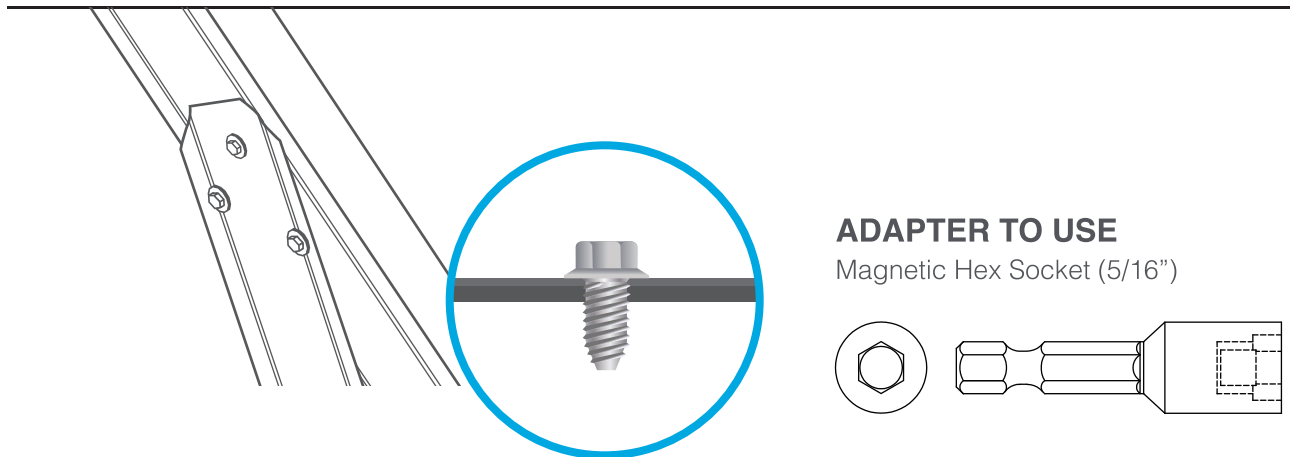


www.bdnfasteners.com

TRUSS-Tite™

Fixing Steel Roof and Floor Trusses

Truss screw is designed for the assembly of truss components through pre-punched holes. It fixes into steel ranging from 0.75mm to 1.6mm thick.



PRODUCT FEATURES

- Superior holding strength
- Self space tapping point makes it easy to start and align in the punched hole
- Easy application

PART NUMBER



BN3 Series

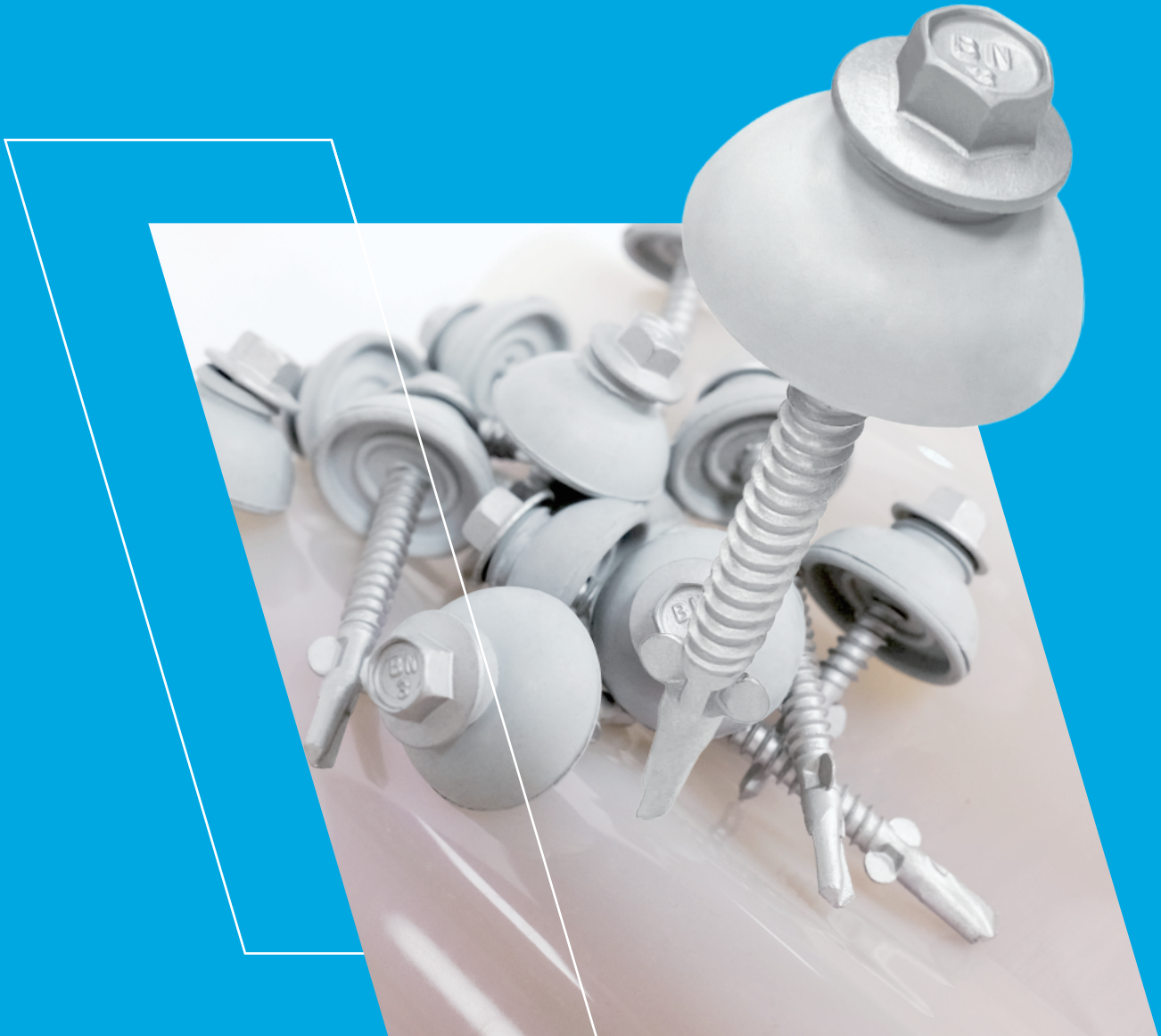
SST 1000 hrs + Kesternich 7 cycles

SDHTSF0816C3 M8.0-2.12 x 16mm

*For sizes not indicated, please contact for further information

POLYXPANDTM

Plastic Skylight Fixing Fasteners

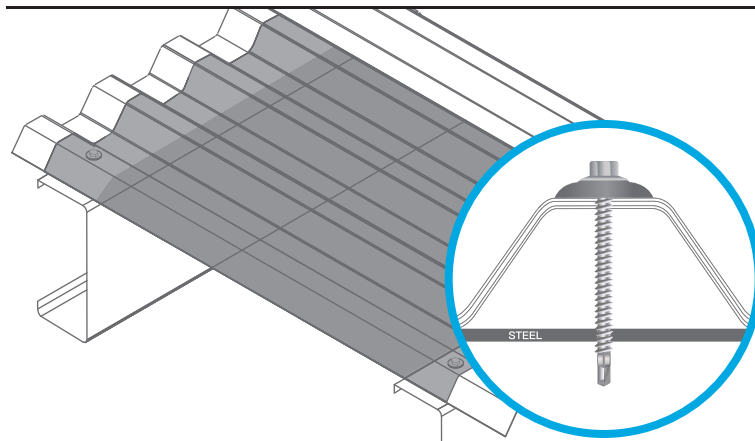


www.bdnfasteners.com

POLYXPAND™

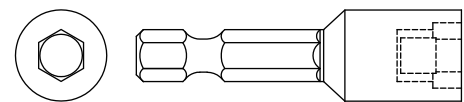
Plastic Skylight Fixing Fasteners

Carbon steel fasteners which creates a thermal expansion hole on plastic skylight sheets and fix onto steel substrates in one-go.



ADAPTER TO USE

Magnetic Hex Socket (5/16")



STEEL PENETRATION

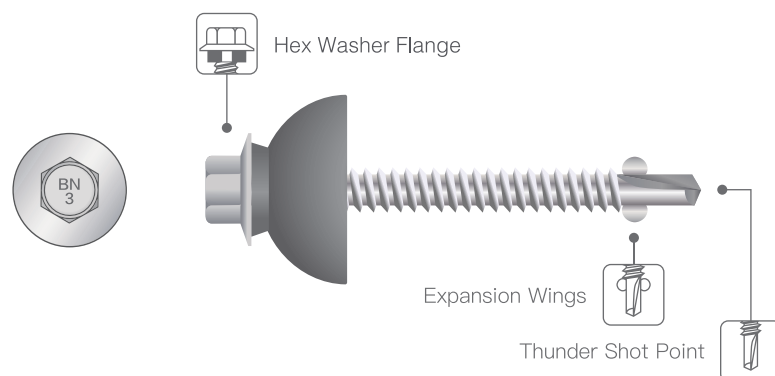
Max 5.5mm Thick

PRODUCT FEATURES

Hex Washer Flange
Expansion Wings
Thunder-Shot Point

WASHER

25mm Dome Grey EPDM



PART NUMBER



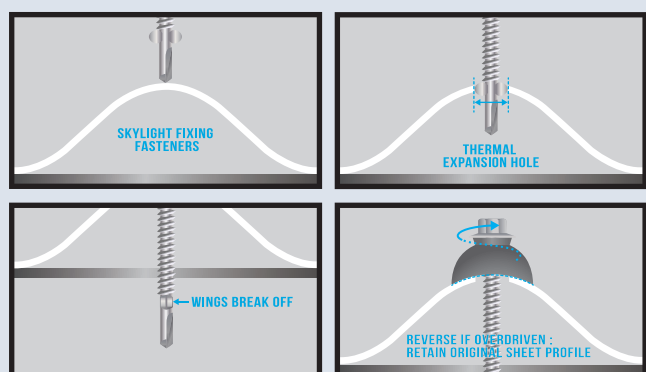
BN3 Series

SST 1000 hrs + Kesternich 7 cycles

SDHCP1255C3D 12-14 x 55mm

SDHCP1265C3D 12-14 x 65mm

SDHCP1272C3D 12-14 x 72mm



WINGS BREAK OFF

*For size not indicated below, please contact for further information

POLY-FAST™

Polycarbonate Roofing Fasteners



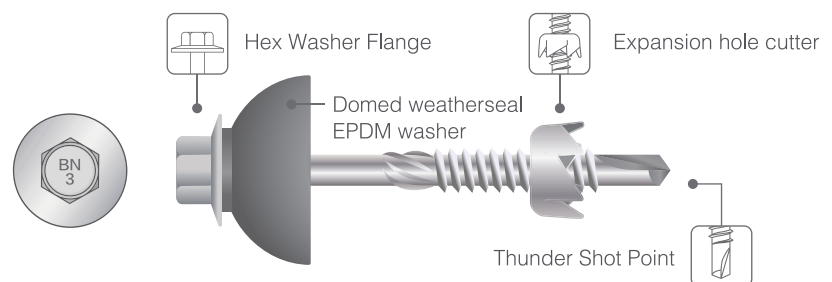
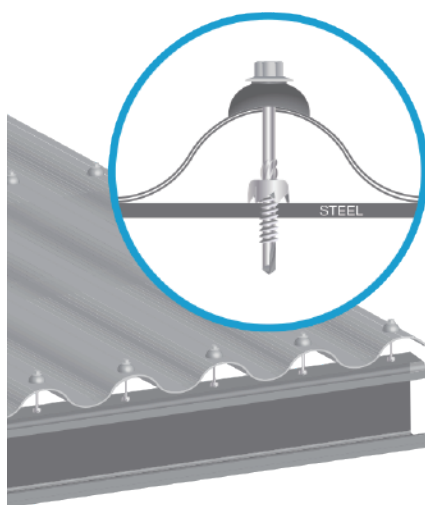
www.bdnfasteners.com

POLY-FAST™

Polycarbonate Roofing Fasteners

Features a cutting washer to create a much-required thermal expansion hole on plastic profiled roofing panels, which is then securely fastened onto the purlin support underneath in one-go.

Polycarbonate Roofing Fasteners (For Steel)



STEEL PENETRATION

Suitable for 0.75 to 4.5mm

PART NUMBER

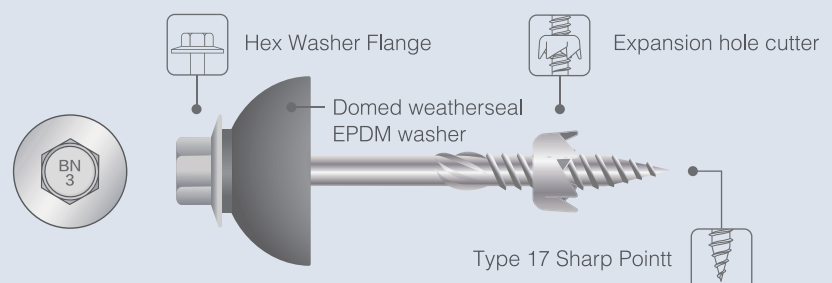
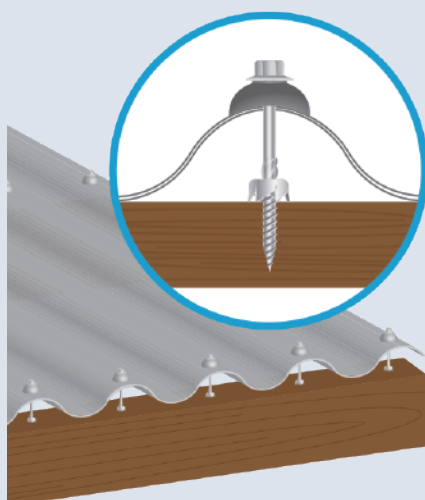
SDHXPS12060C3 12-14 x 60mm

WASHER

Ø 25mm Domed weatherseal EPDM washer



Polycarbonate Roofing Fasteners (For Timber)



TIMBER PENETRATION

Min 20mm penetration

PART NUMBER

T17HXPS1250C3 12-11 x 50mm

WASHER

Ø 25mm Domed weatherseal EPDM washer



*For sizes not indicated, please contact for further information

Collated Screws

Fixing plasterboard to thin steel or timber substrates



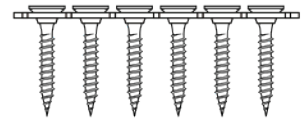
www.bdnfasteners.com

Collated Screws

With 100% Made in Taiwan being an inherent part of the BDN Fasteners DNA, our collated screws are no different – everything from the screws to the collating of strips are all done in our facilities. BDN Collated screws undergo stringent, in-house quality control tests during and after manufacturing, minimizing any possibility of jamming during application.



Bugle Head – Fine Thread for fixing Drywall to Thin Steel



SIZE

#6 x 1" (M3.5 x 25mm)

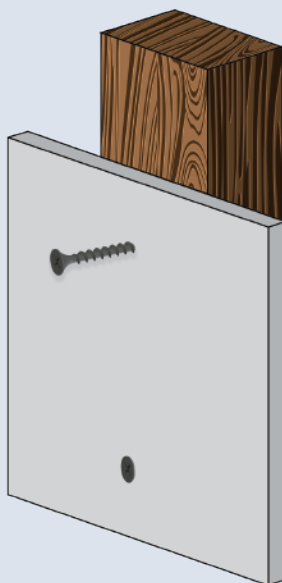
#6 x 1-1/4" (M3.5 x 32mm)

DESCRIPTION

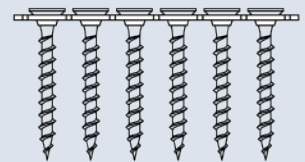
Collated Bugle Head Drywall Screw,
Fine Thread, Black Phosphate

BOX QUANTITY

Package: 50pcs/strip, 1000pcs/box and 10000pcs/CTN



Bugle Head – Coarse Thread for fixing Drywall to Timber



SIZE

#6 x 1-1/4" (M3.5 x 32mm)








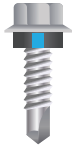


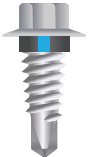



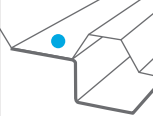
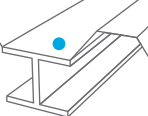
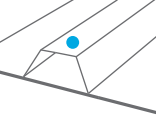
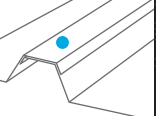

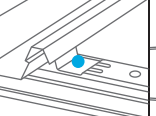
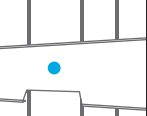







DESCRIPTION








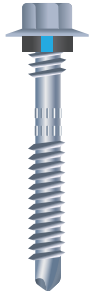

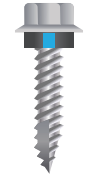




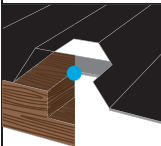
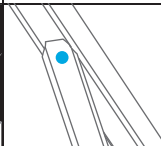
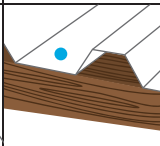
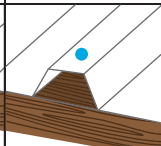
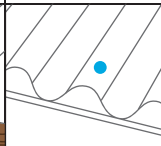
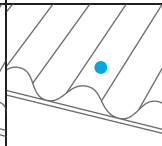
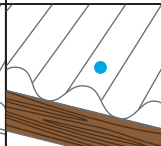







Collated Bugle Head Drywall Screw,
Coarse Thread, Black Phosphate

BOX QUANTITY

Package: 50pcs/strip, 1000pcs/box and 10000pcs/CTN

Product overview - BDN Fasteners®

Type							
Product							
Application							
Max. drilling capacity [mm]	4.0mm thick (For #10 gauge) 6.0mm thick (For #12 gauge)	12.5mm thick	6.0mm thick (For #12 gauge)	2.0mm thick (For #15 gauge)	6.0mm thick	4.0mm thick	0.55mm x 2 to 1mm x 2
Gauge TPI x Length [mm]	10-16 x 16 10-16 x 20 10-16 x 30 12-14 x 20	12-24 x 32 12-24 x 38 12-24 x 50	12-14 x 45 12-14 x 48 12-14 x 55 12-14 x 65 12-14 x 75 12-14 x 85 12-14 x 110 12-14 x 130	15-15 x 20	12-14 x 20	10-24 x 16 10-24 x 22	M6.0-1.00 x 22
Product webpage QR code							

							Type
							Product
							Application
3.0mm thick (For #12 gauge) Min 20mm Timber penetration	—	Min 20mm Timber penetration	Min 20mm Timber penetration	5.5mm thick	4.5mm thick	Min 20mm Timber penetration	Max. drilling capacity [mm]
12-11 x 50	M8.0-2.12 x 16mm	10-12 x 20 10-12 x 25 12-11 x 25 12-11 x 30	12-11 x 50 12-11 x 55 12-11 x 65 12-11 x 75	12-14 x 40 12-14 x 55 12-14 x 65 12-14 x 72	12-14 x 60	12-11 x 50	Gauge TPI x Length [mm]
							Product webpage QR code

Quality Assurance

To show our commitment to being a trustworthy supplier, and provide the best product and services, **BDN Fasteners®** are manufactured and quality controlled following ISO standards, and is of course, ISO-9001:2015 certified.



SGS Certification

BDN Fasteners BN3 Series screws are regularly sent to SGS for Kesternich & Spray Salt Test (1000 hrs) certification.

As part of our new quality assurance policy, which aims to provide high quality, third-party laboratory certified products – customers will now receive the most up-to-date corrosion resistance certifications upon request.



QUALITY CONTROL IN PROCESS



– PRE-PRODUCTION INSPECTION

Drawing Check

Specific Conditions Check

– HEADING / THREADING / THREADING / PINCH POINTING

Machinery Condition Check

Molds and Dies Inspection and Setup

– FINAL INSPECTION

Dimension Check

Functionality Check

Visual Check

– PRE-SHIPMENT INSPECTION

Manual Sorting and Rearrangement

Optical Sorting (Optional)

– PRE-SHIPMENT SAMPLES SENT UPON REQUEST

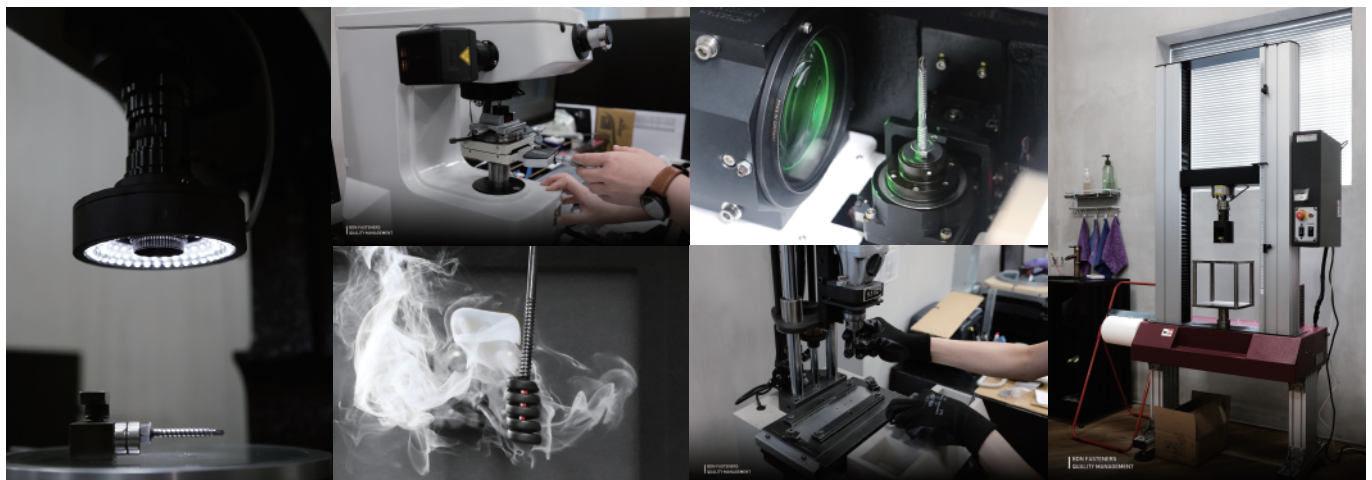
– HEAT TREATMENT

Strictly controlled process

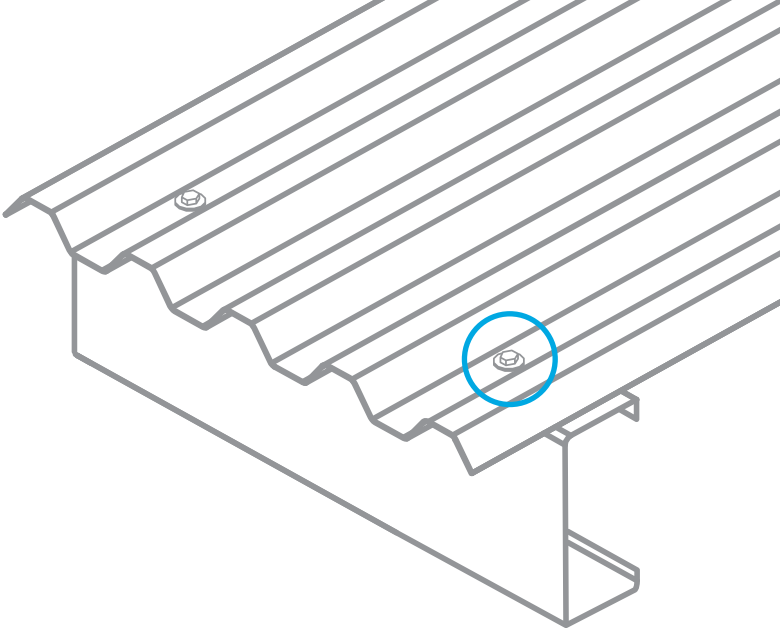
Fully equipped with well maintained case depth and hardness testers.

– SURFACE TREATMENT

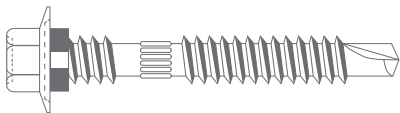
Well equipped with salt-spray and corrosion test machinery.



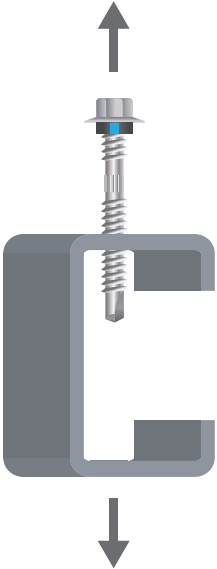
Pullout Values



BDN FASTENERS into Steel

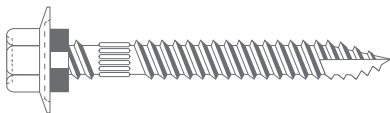


Screw Gauge / TPI	Steel Thickness				
	0.75mm Batten	1.20mm Stud	1.5mm Purlin	1.9mm Purlin	2.4mm Purlin
10-16 x L	1,860	2,320	4,200	5,500	7,820
10-24 x L	–	2,320	4,280	5,820	7,680
12-14 x L Screw Length longer than 20mm	–	1,980	3,040	5,160	6,960
12-14 x L Screw Length 20mm or Shorter	–	2,200	4,080	5,420	7,360

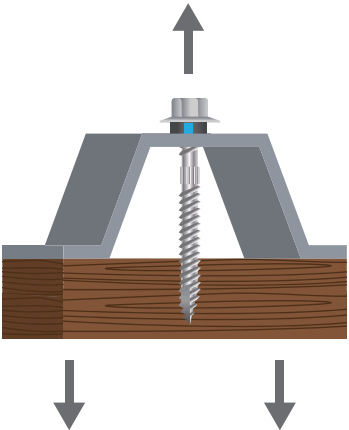


(Unit:Newtons)

BDN FASTENERS into Timber, Lightweight Battens & Steel



Screw Gauge / TPI	0.55mm Steel Batten	0.75mm Steel Batten	F7 Pine Timber	F17 Hardwood
10-12 x L (T17S)	1,320	2,220	5,700	6,000
12-11 x L (T17S)	1,510	2,400	3,900	6,460



(Unit:Newtons)

Mechanical Properties

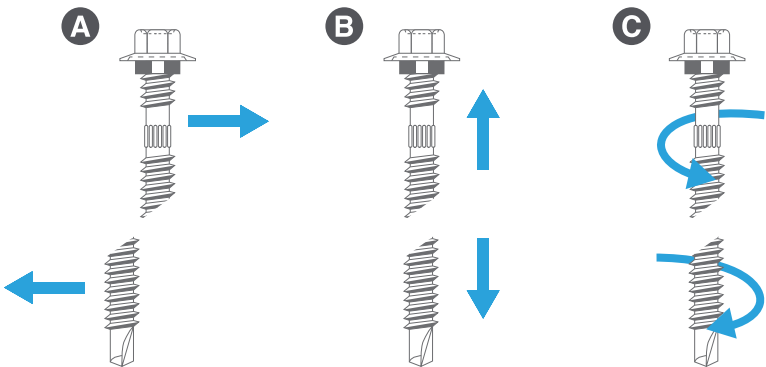


Screw Gauge / TPI	Single Shear Strength (N)	Axial Tensile Strength (N)	Torsional Strength (Nm)
10-16 x L	6,800	11,900	6.9
10-24 x L	6,200	11,400	7.4
12-14 x L	8,800	15,300	10.9
12-11 x L (T17S)	8,400	13,900	9.4

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



Unique Properties Identifier

Patented Trident Drill Point

The patented Trident Drill Point provides fast and steady drill performance, effectively clears swarf, and drills through 6mm thick steel.



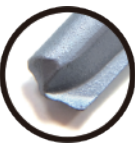
"S" Swirl

Creates a larger area of engagement from the initial drill drive.



Improved "Cutting Edge" Design

Larger, curved cutting blade edge lower manual load required.



Trident Drill Point

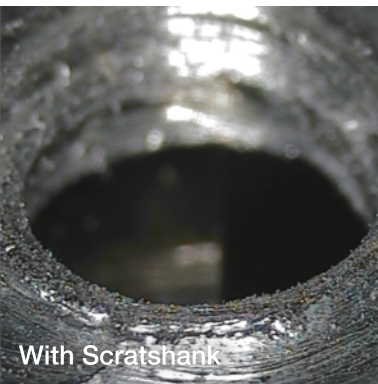
Fast, steady, pinpoint precision drilling



Scratchshank / Double Scratchshank

Cutting / Break out the metal filings

Remain free of damage to sealing washer during installation – Weatherseal



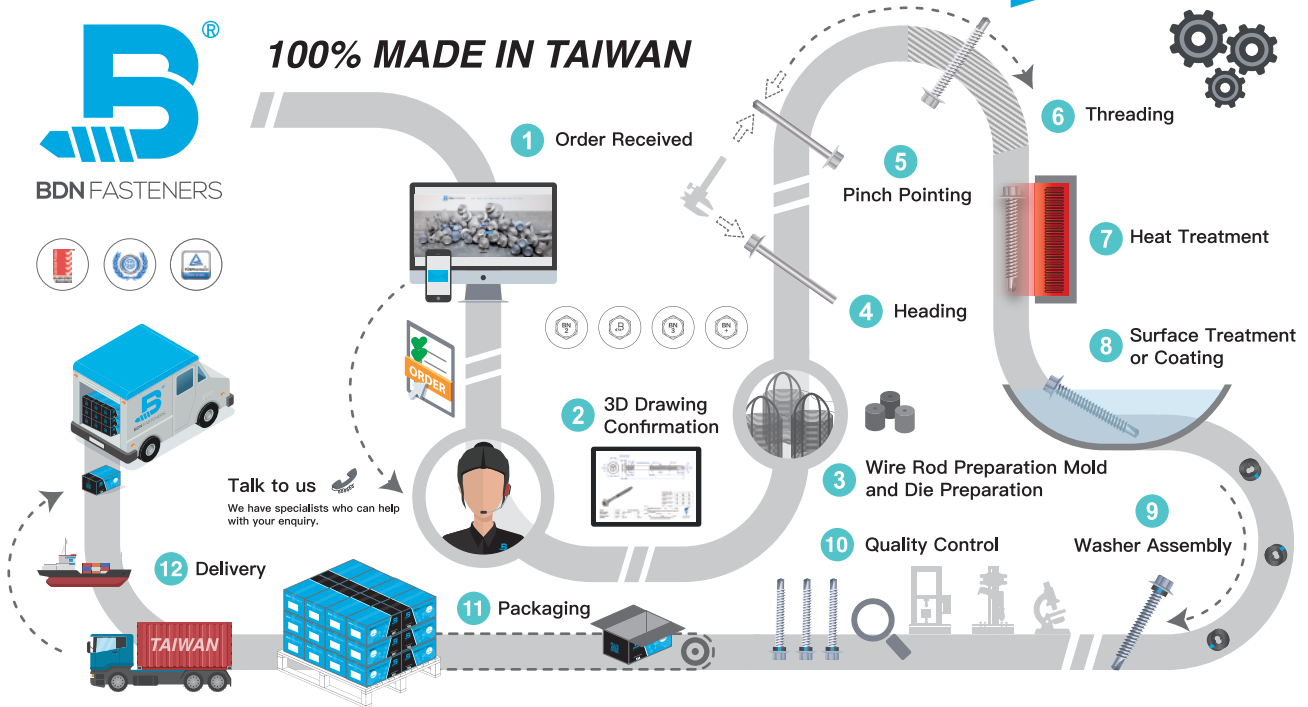
With Scratchshank



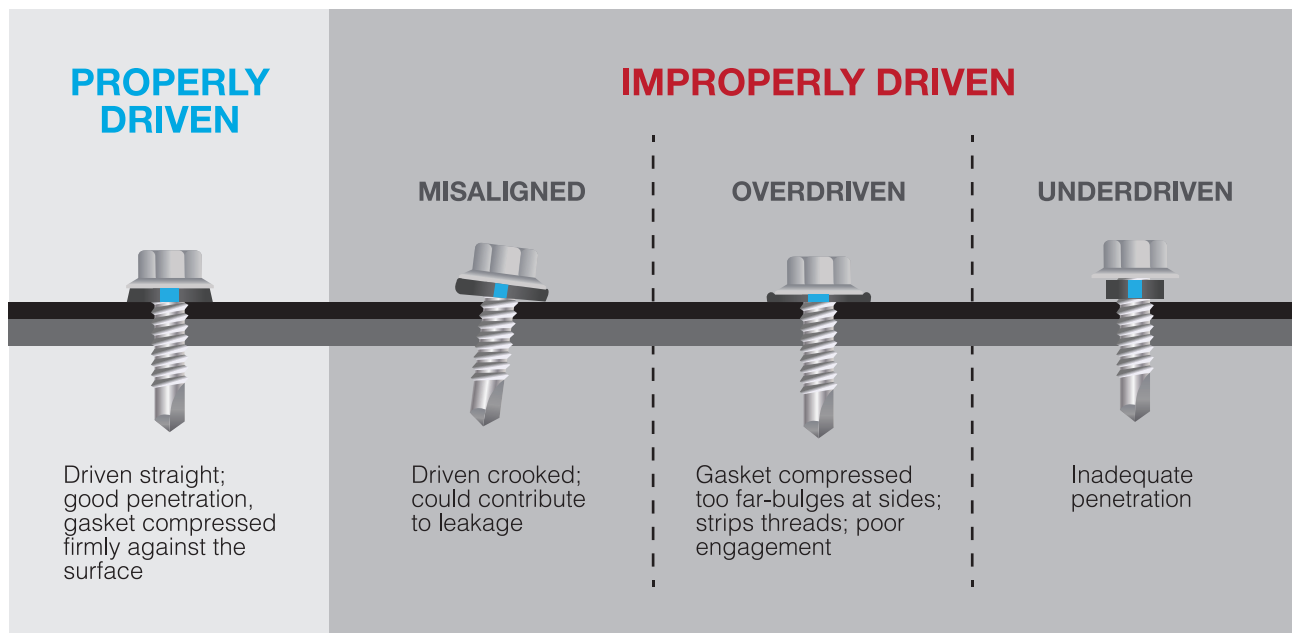
Without Scratchshank



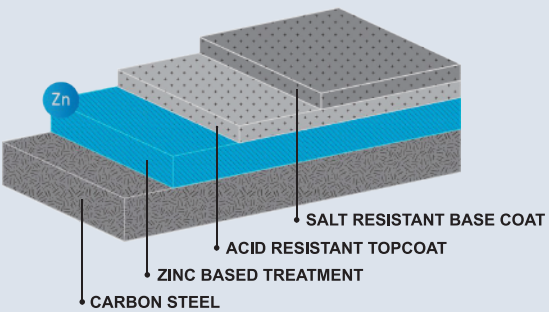
Screw Production Process



Screw Installation

























Surface Coating



Corrosion Resistance	Class 2			Class 3		Class 4
Head Marking	B//>	BN2	BN3	B	BN+	BN4
Coating Type	Zinc+ Organic Coating (Ruspert)	Zinc+ Organic Coating (Ruspert)	Zinc+ Organic Coating (Ruspert)	Zinc+ Organic Coating (Ruspert)	Zinc+ Organic Coating (Ruspert)	Zinc+ Organic Coating (Ruspert)
Salt Spray Test	500hrs	500hrs	1000hrs	1000hrs	1000hrs	2000hrs
Kesternich Test	5 cycle	5 cycle	7 cycle	7 cycle	15 cycle	15 cycle

Screw Description

PART CODE									
POINT TYPE	HEAD STYLE	DRILLING POINT	THREAD PITCH	PRODUCT	THREAD TYPE	GAUGE	LENGTH	CORROSION RESISTANCE CLASS	SEALING WASHER
 SELF DRILLING	 HEX	 #5 POINT	 COARSE THREAD	 POLYXPAND	 SCRATSHANK			<div> SST 500HRS+5 CYCLES</div> <div>C2</div>	<div> DEKS EPDM WASHER</div> <div>N</div>
 TYPE 17	 WAFER HEAD		 FINE THREAD		 DOUBLE SCRATSHANK			<div> SST 1000HRS+7 CYCLES</div> <div>C3</div>	<div> BAZ WASHER</div> <div>D</div>
 TYPE 17	 WAFER HEAD		 FINE THREAD		 DOUBLE SCRATSHANK			<div> SST 1000HRS+15 CYCLES</div> <div>C3+</div>	<div> BONDED WASHER</div> <div>B</div>
T17	W	-	F	-	XG	12	55	C3+	B

Packaging Guide



Brand new packaging, upsized logos, spiced up head markings and more!
Updated color scheme means you'll never have trouble spotting trusty **BDN Fasteners®** anymore!

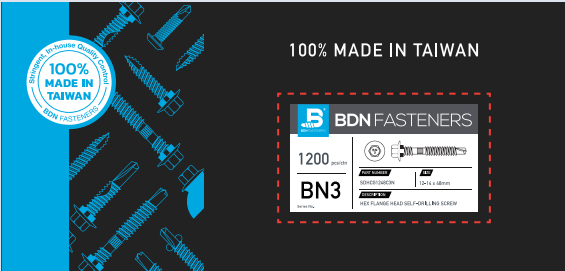


Product Label

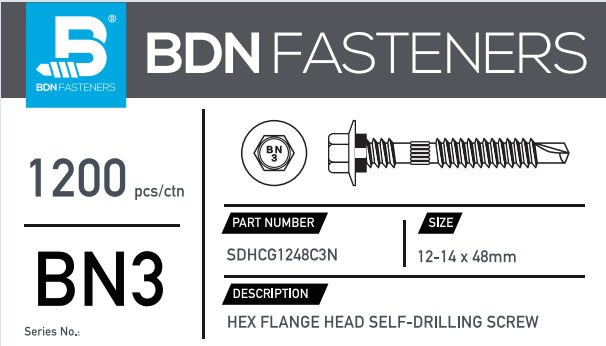
BDN Fasteners® come with large, easy to read product labels. Each product has its own unique label showing the product category, packaged quantities, size, part no., color, and description.

To re-order, use the Part No., Product Description, and Color Code as indicated below. This information can be easily obtained from any of our existing packaging.

CORRECT

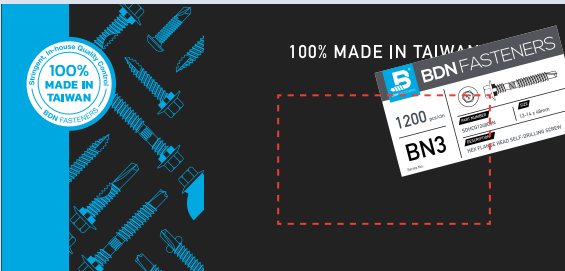


All **BDN Fasteners®** product labels must be placed at the designated area on the carton as stated below.



Size: 140 x 80 mm

DO NOT!



BDN Fasteners® product labels are always placed at the center of the box.



HEADQUARTER - TAIWAN

No. 47-37, Jiahua Rd., Gangshan,
Kaohsiung 820, Taiwan (R.O.C.)

T +886 7-6282702

F +886 7-6282601

E info@bdfasteners.com

www.bdnfasteners.com

