



BDN FASTENERS



AS3566 Australian Standard
BUILDING FASTENERS

100% Made in Taiwan



ISO 9001:2015

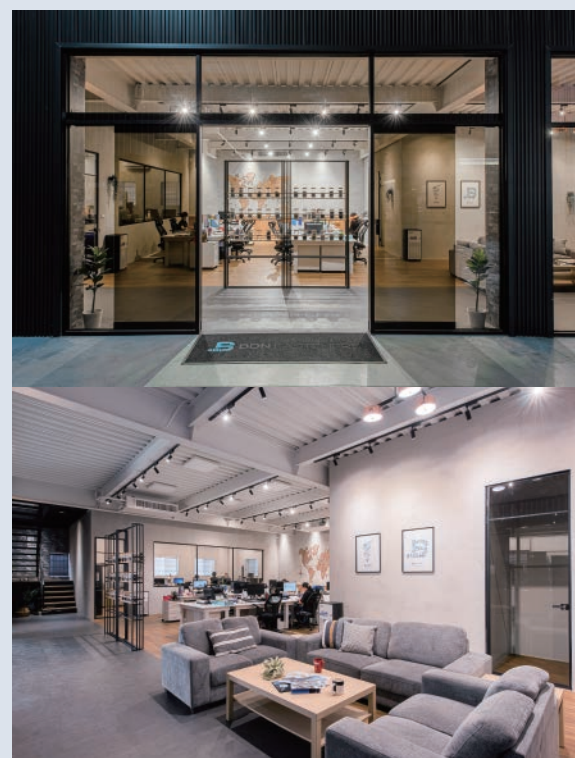


GROUP

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 800 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

480 containers per year

40 containers per month

800 tons/month

Annual turnover for fasteners is 18 million USD per year.

Annual capacity is approx. 480 containers per year
or 40 containers per month.



PACKAGING FACTORY

3000 square meter space

Semi-Automatic Sorting

Semi-Automatic Boxing

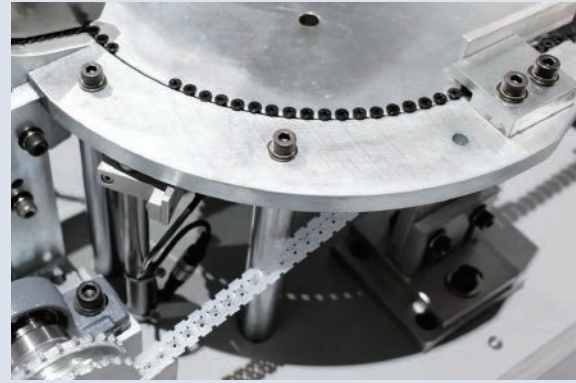
Semi-Automatic Pouch filling & Packaging

Semi-Automatic Washer Assembly

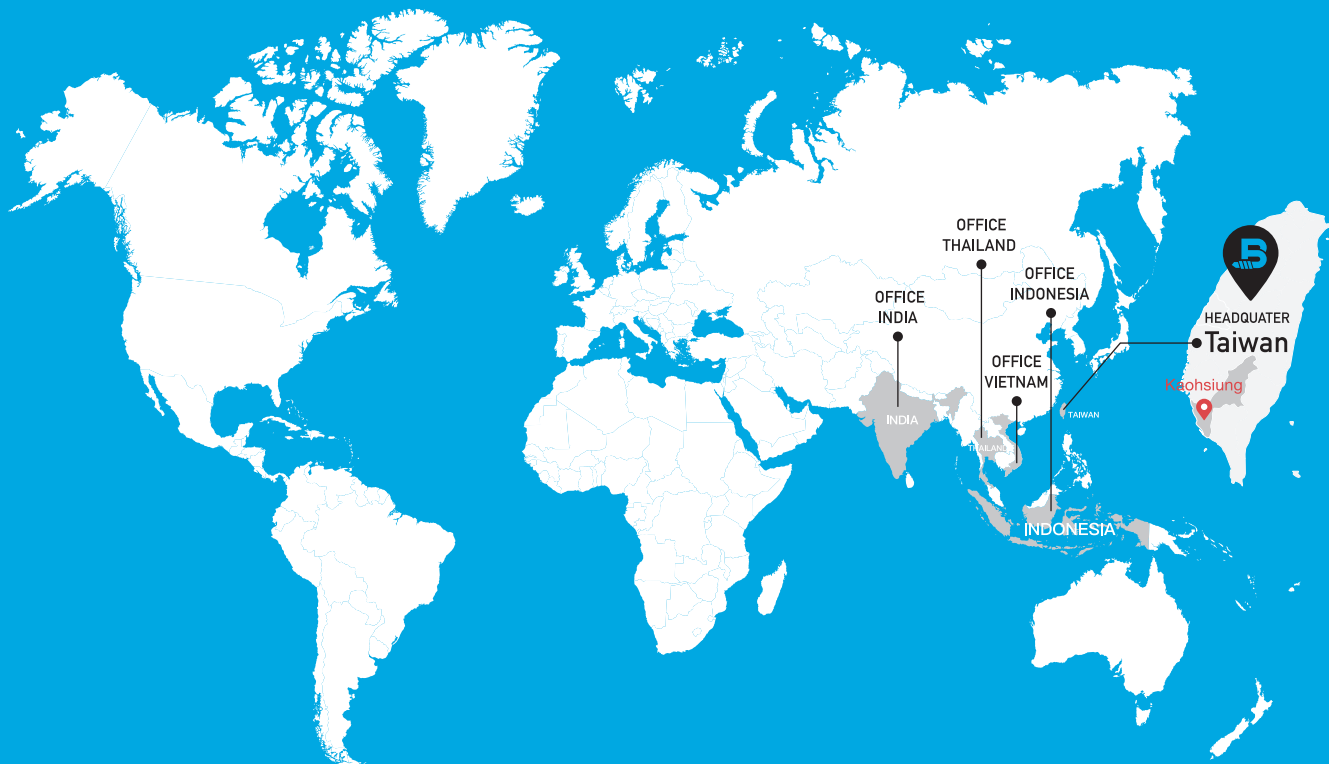
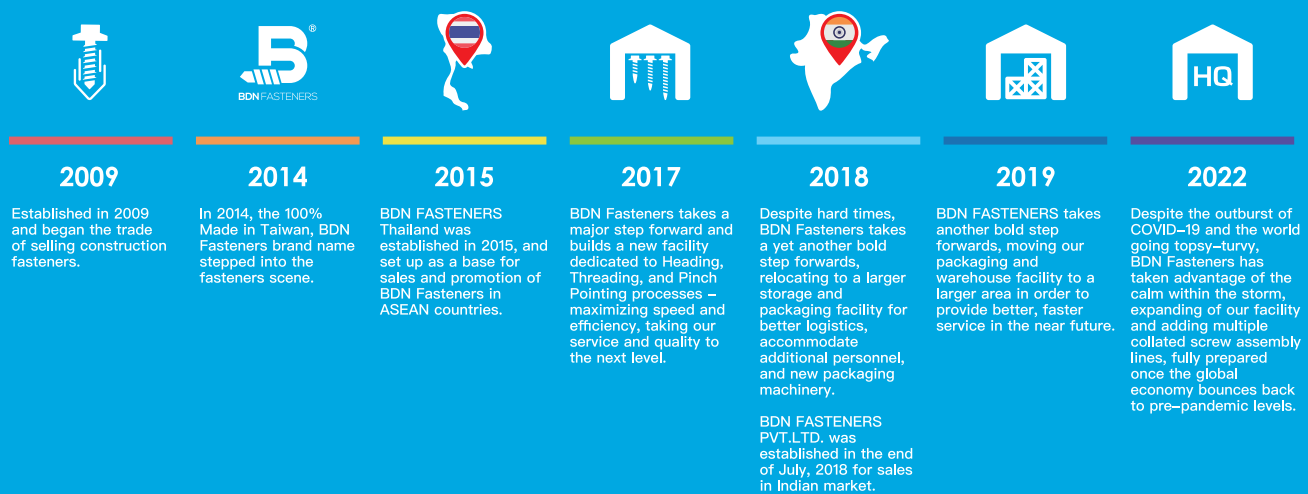
Pallet carton packaging

Collated screws assembly and packaging

Weighers



BDN FASTENERS® - 100% Made in Taiwan, used and loved by customers worldwide for over 14 Years (and counting)!

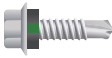


CONTENTS



METAL-Tite™ Self-Drilling Screws

Fixing Cladding to Steel #10 Gauge



11

Fixing Cladding to Steel #12 Gauge



13

Crest Fixing Fasteners - Double Thread



15

Crest Fixing Fasteners - Full Thread



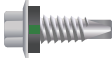
17

Fixing to Thick Steel - No. 5 Drill Point



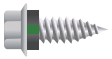
19

Stitching Fasteners - Reduced Point



21

Stitching Fasteners - Needle Point



23

Concealed Fixing Fasteners



25

Framing Fasteners

Truss to Plate Connection



27

TRUSS-Tite™ Fixing Steel Roof and Floor Trusses



29

FRAME-Tite™ Fixing to Steel Wall Frames



31

TIMBER-Tite™ Self-Tapping Screws (Type 17)

Valley Fixing Fasteners



33

Crest Fixing Fasteners



35

POLYXPAND™

Skylight Fixing Fasteners



37

POLY-FAST™

Polycarbonate Roofing Fasteners (For Steel)



39

Polycarbonate Roofing Fasteners (For Timber)









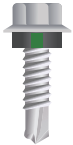




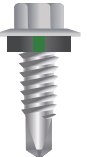
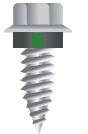

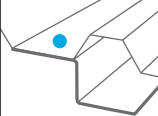
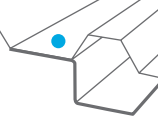
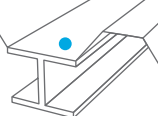
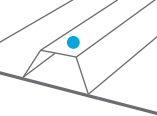
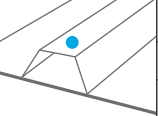
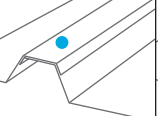
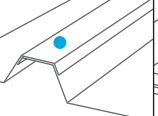
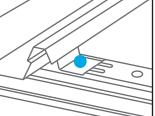







Collated Series

41

Product Overview - BDN Fasteners®

Coating Type: Zinc + Organic Coating (Ruspert)
SGS Certification: SST 1000 hrs + Kesternich 7 cycles

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	6.0mm thick	1+1mm thick	1+1mm thick	4.0mm thick
Gauge TPI x Length [mm]	10-16 x 16 10-16 x 19 10-16 x 25	12-14 x 20 12-14 x 25 12-14 x 30 12-14 x 35	12-24 x 32 12-24 x 38 12-24 x 50	12-14 x 50 12-14 x 55 12-14 x 65 12-14 x 75 12-14 x 85 12-14 x 110 12-14 x 130	12-14 x 45 12-14 x 55 12-14 x 65 12-14 x 75 12-14 x 90	15-15 x 20	10-16 x 19	10-24 x 16 10-24 x 22
Product webpage QR code								



								Type
								Product
								Application
4.0mm thick	1.5 + 1.5mm thick	0.75mm to 1.6mm thick	Min 20mm Timber penetration	Min 25mm Timber penetration	5.5mm thick	4.5mm thick	Min 25mm Timber penetration	Max. drilling capacity [mm]
M6.0-1.00 x 22	12-14 x 20	M8.0-2.12 x 16	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 (Valleys) 12-14 x 55 12-14 x 65 12-14 x 72 (Crests)	12-14 x 60	12-11 x 50	Gauge TPI x Length [mm]
								Product webpage QR code

METAL-Tite™

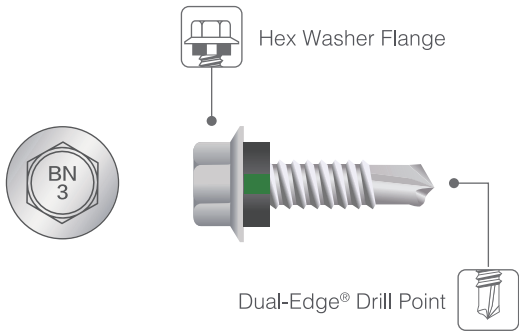
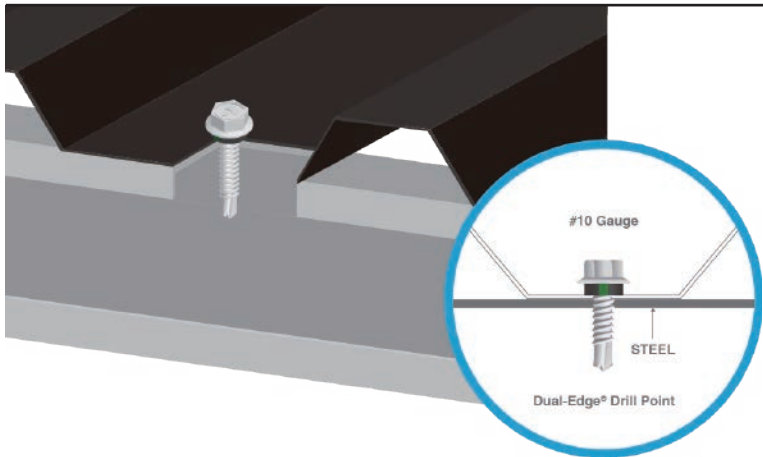
Fixing Cladding to Steel
#10 Gauge



METAL-TiteTM

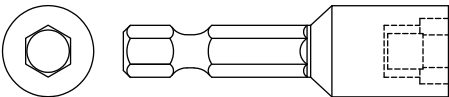
Valley Fixing Fasteners

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)

PRODUCT FEATURES

Hex Washer Flange
Dual-Edge® Drill Point

WASHER

Eco-BDN® Green Washer



 **Eco-BDN**
Green Washer

PART NUMBER

#10 Gauge

SDHC1016C3N 10-16 x 16mm

SDHC1019C3N 10-16 x 19mm

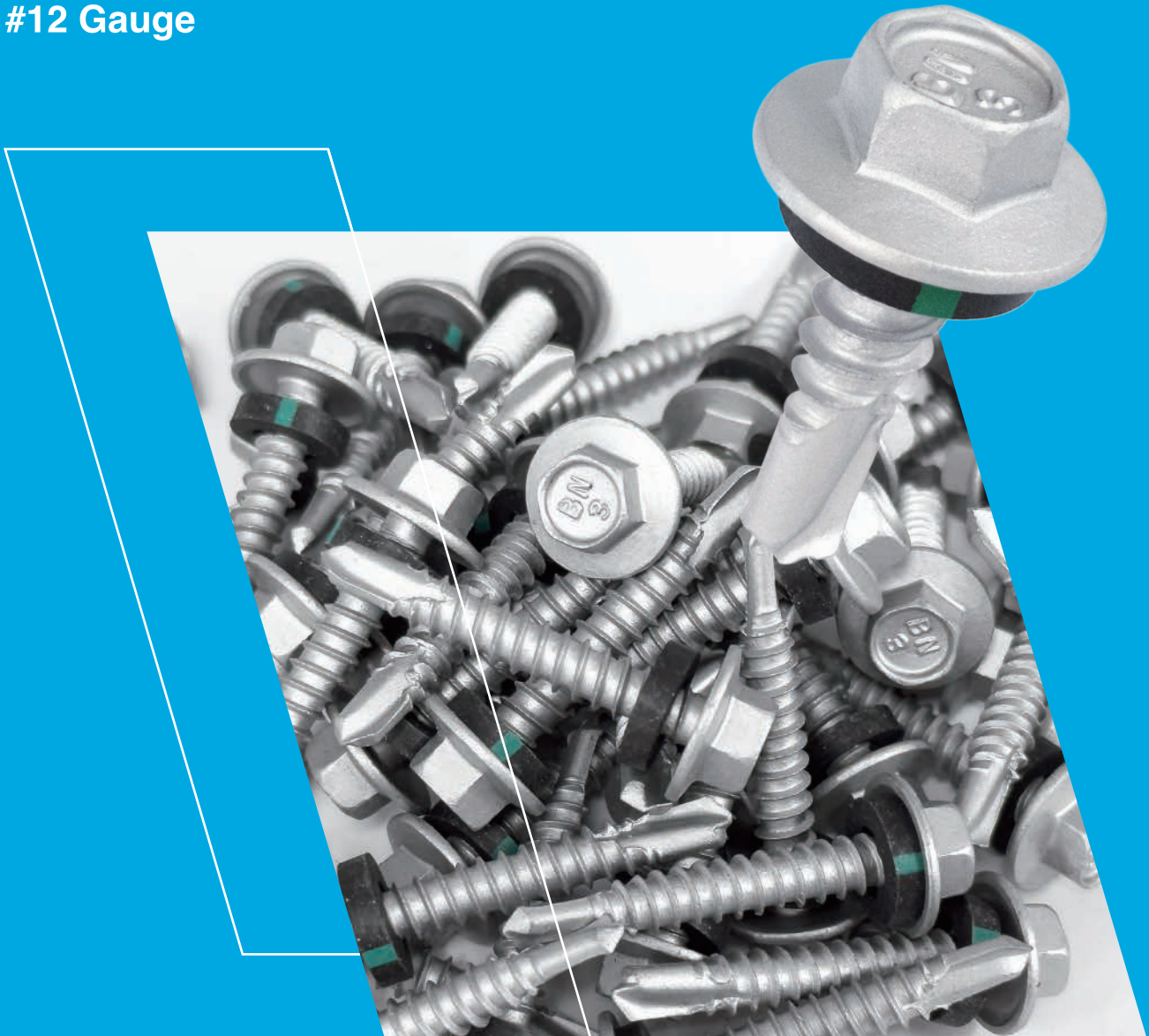
SDHC1025C3N 10-16 x 25mm

SST 1000 hrs + Kesternich 7 cycles

*For sizes not indicated, please contact for further information

METAL-Tite™

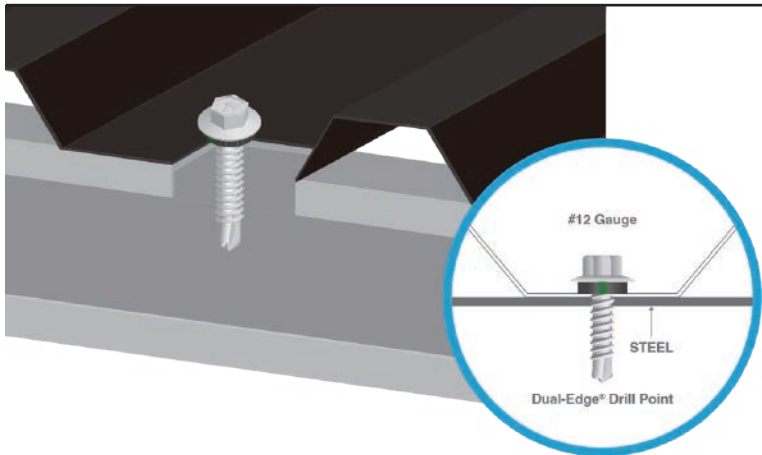
Fixing Cladding to Steel
#12 Gauge



METAL-TiteTM

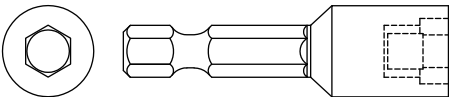
Valley Fixing Fasteners

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

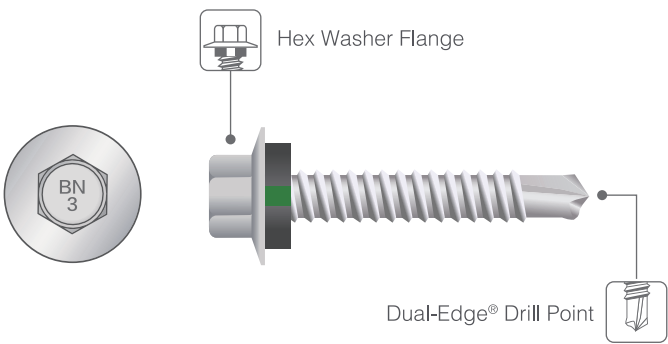
Hex Washer Flange
Dual-Edge® Drill Point

WASHER

Eco-BDN® Green Washer



Eco-BDN
Green Washer



PART NUMBER

#12 Gauge

SDHC1220C3N 12-14 x 20mm

SDHC1225C3N 12-14 x 25mm

SDHC1230C3N 12-14 x 30mm

SDHC1235C3N 12-14 x 35mm

SST 1000 hrs + Kesternich 7 cycles

*For sizes not indicated, please contact for further information

METAL-Tite™

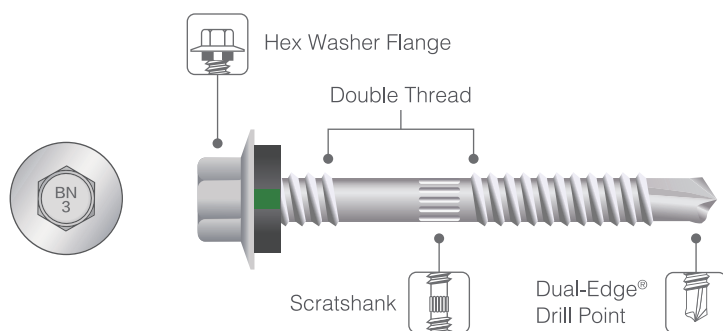
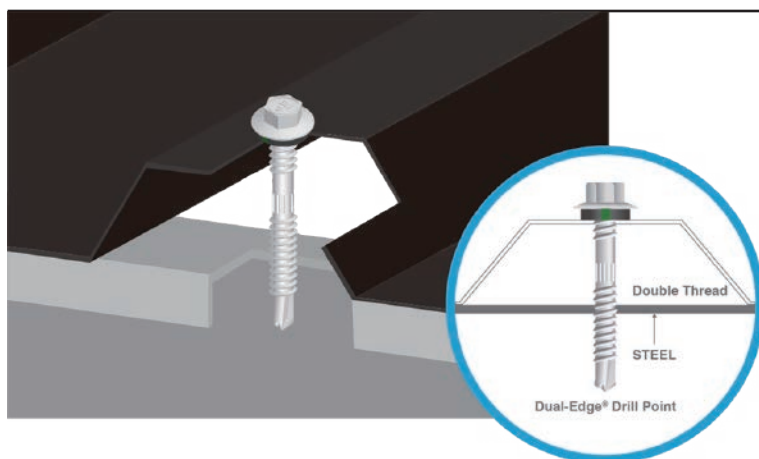
Fixing Roof Sheetting to Metal
Double Thread



METAL-Tite™

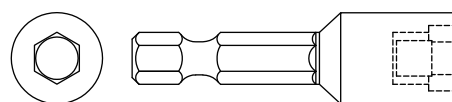
Crest Fixing Fasteners

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
Dual-Edge® Drill Point
Double Thread
Scratchank

WASHER

Eco-BDN® Green Washer



Eco-BDN
Green Washer

PART NUMBER

#12 Gauge

SDHCG1250C3N 12-14 x 50mm
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

SST 1000 hrs + Kesternich 7 cycles

*For sizes not indicated, please contact for further information

METAL-Tite™

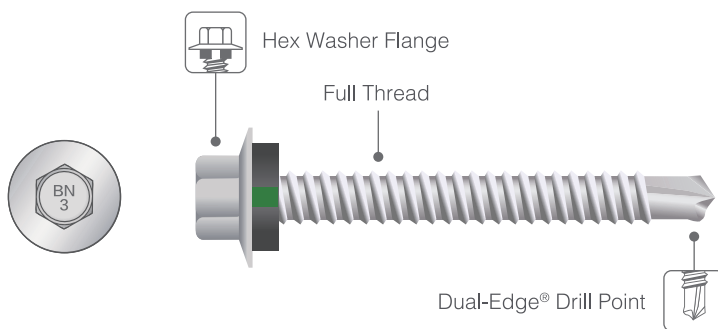
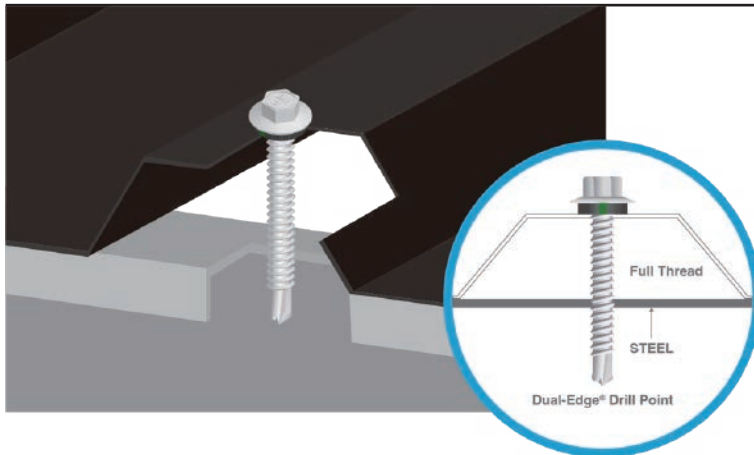
Fixing Roof Sheetting to Metal
Full Thread



METAL-Tite™

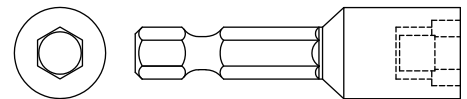
Crest Fixing Fasteners

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
Full Thread
Dual-Edge® Drill Point

WASHER

Eco-BDN® Green Washer



Eco-BDN
Green Washer

PART NUMBER

#12 Gauge

SDHC1245C3N 12-14 x 45mm

SDHC1255C3N 12-14 x 55mm

SDHC1265C3N 12-14 x 65mm

SDHC1275C3N 12-14 x 75mm

SDHC1290C3N 12-14 x 90mm

SST 1000 hrs + Kesternich 7 cycles

*For sizes not indicated, please contact for further information

METAL-Tite™

Fixing to Thick Steel

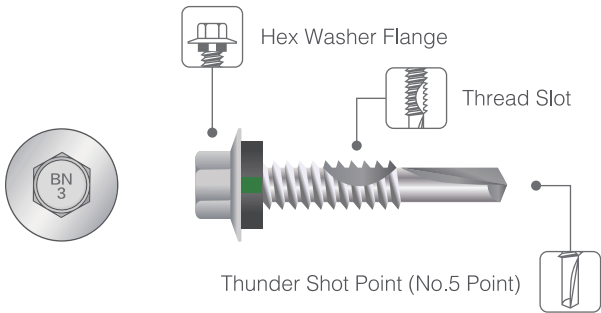
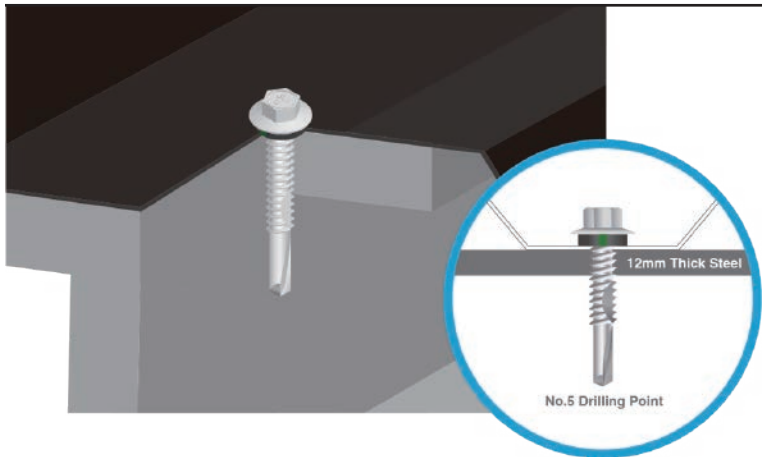


www.bdnfasteners.com

METAL-Tite™

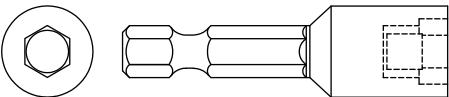
Heavy Section

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

Eco-BDN® Green Washer



PART NUMBER

#12 Gauge

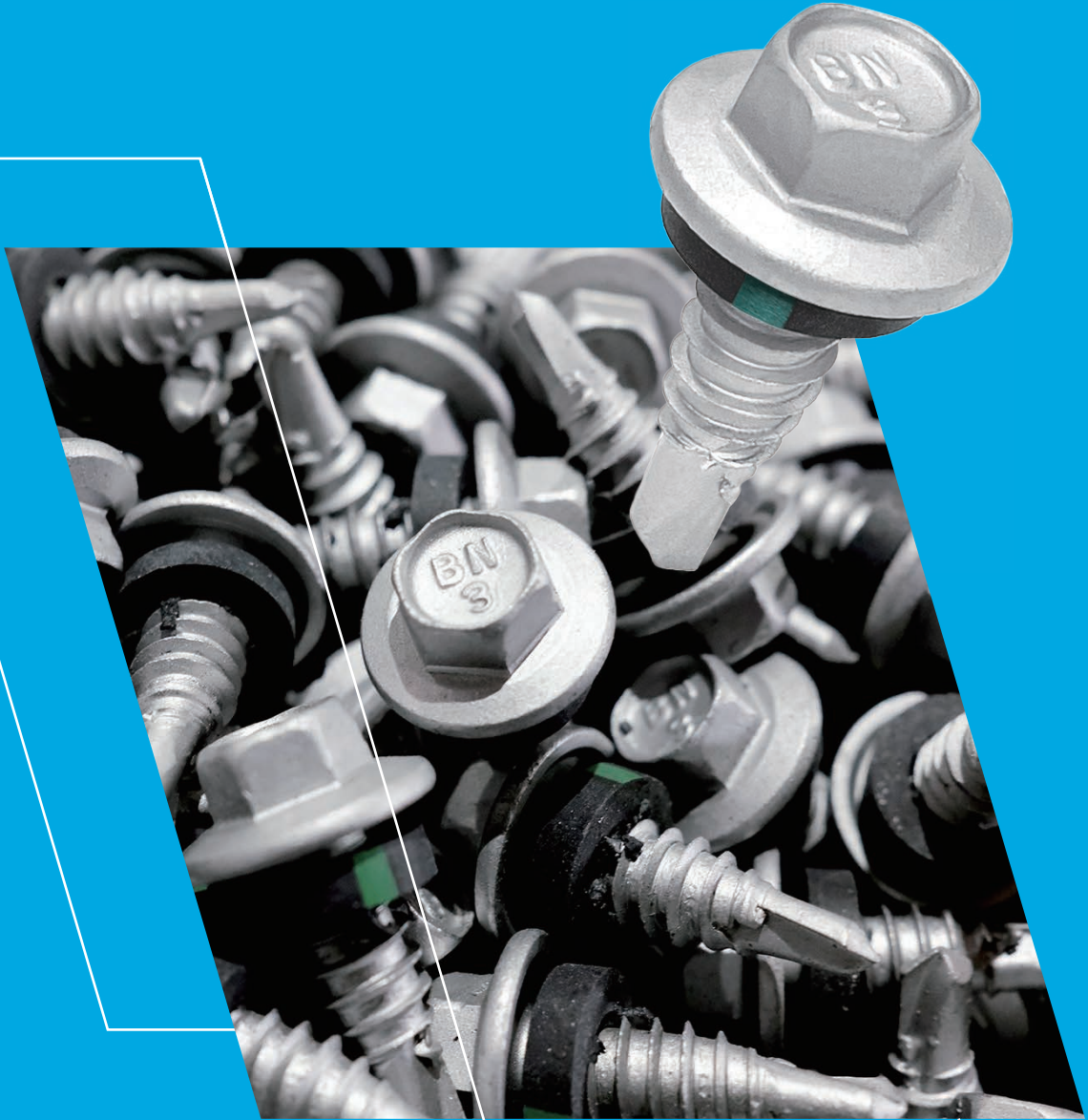
SDH5F1232C3N	12-24 x 32mm
SDH5F1238C3N	12-24 x 38mm
SDH5F1250C3N	12-24 x 50mm

SST 1000 hrs + Kesternich 7 cycles

*For sizes not indicated, please contact for further information

METAL-Tite™

Stitching Screws Fixing to Metal

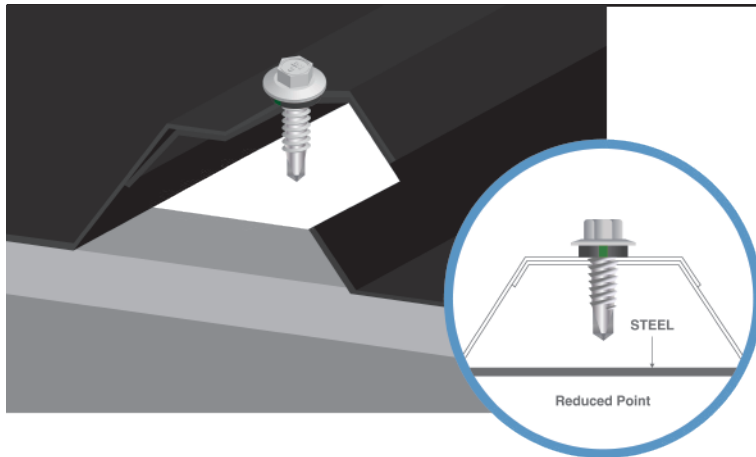


www.bdnfasteners.com

METAL-Tite™

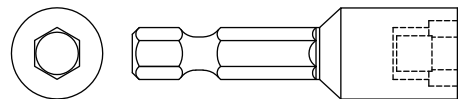
Stitching Fasteners

Carbon steel fasteners for fixing steel sheets onto steel substrates



ADAPTER TO USE

Magnetic Hex Socket (5/16")



STEEL PENETRATION

Max. drilling capacity 1+1mm thick

PRODUCT FEATURES

Hex Washer Flange
Thunder-Shot Reduced Point
Harpoon Thread

WASHER

Eco-BDN® Green Washer



Eco-BDN
Green Washer

PART NUMBER

#15 Gauge

SDHC1520C3N 15-15 x 20mm

SST 1000 hrs + Kesternich 7 cycles

*For sizes not indicated, please contact for further information

METAL-Tite™

Stitching Screws Fixing to Metal

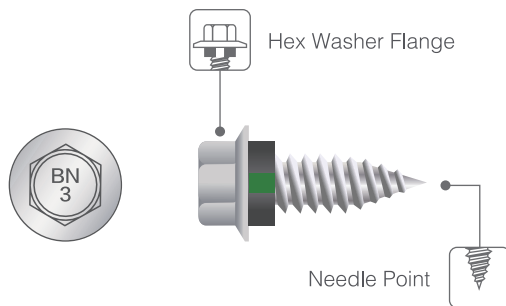
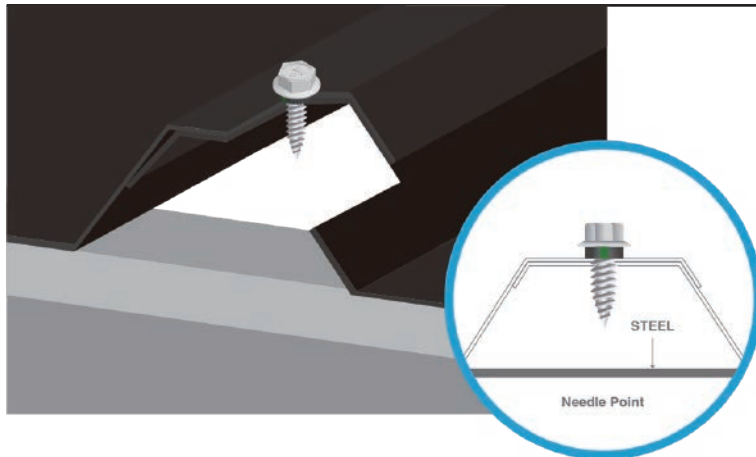


www.bdnfasteners.com

METAL-Tite™

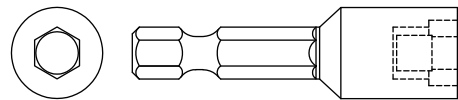
Stitching Fasteners

Carbon steel fasteners for fixing steel sheets onto steel substrates



ADAPTER TO USE

Magnetic Hex Socket (5/16")



STEEL PENETRATION

Max. drilling capacity 1+1mm thick

PRODUCT FEATURES

Hex Washer Flange
Needle Point

WASHER

Eco-BDN® Green Washer



 **Eco-BDN**
Green Washer

PART NUMBER

#10 Gauge

SDHST1019C3N 10-16x19mm

SST 1000 hrs + Kesternich 7 cycles

*For sizes not indicated, please contact for further information

METAL-Tite™

Concealed Fixing to Metal

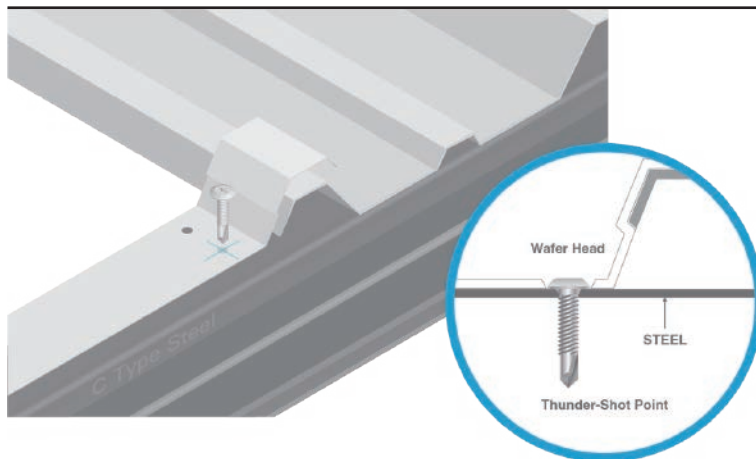


www.bdnfasteners.com

METAL-Tite™

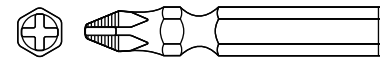
Concealed Fixing Fasteners

Carbon steel fasteners for fixing steel sheets onto steel substrates



ADAPTER TO USE

Philips Bit (PH2+)



STEEL PENETRATION

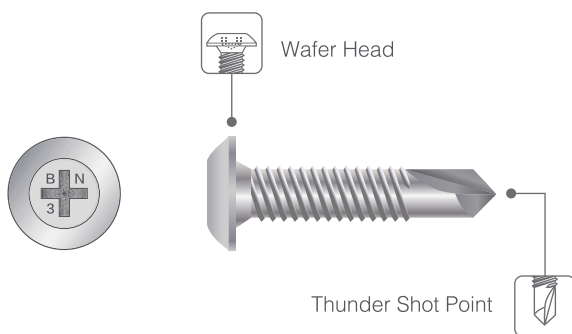
Max. 4.0mm thick

PRODUCT FEATURES

Wafer Head

Philips Drive

Thunder-Shot Point



PART NUMBER

SDWF1016C3 10-24 x 16mm

SDWF1022C3 10-24 x 22mm

SST 1000 hrs + Kesternich 7 cycles

*For sizes not indicated, please contact for further information

METAL-Tite[™]

Truss to Plate Connection

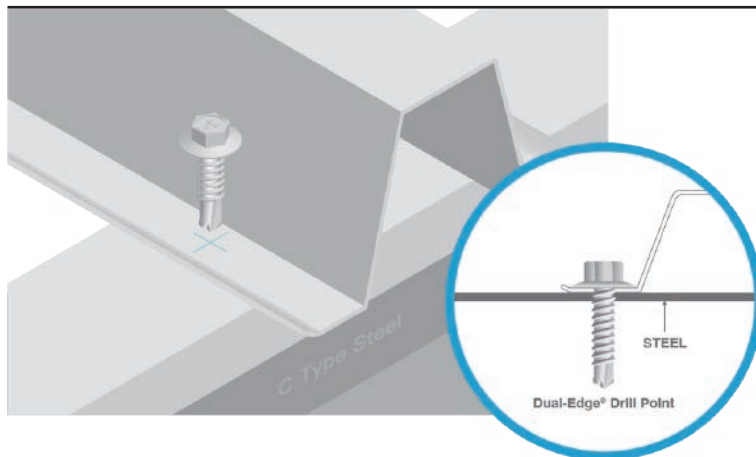


www.bdnfasteners.com

METAL-Tite™

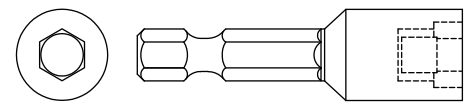
Truss to Plate Connection

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")

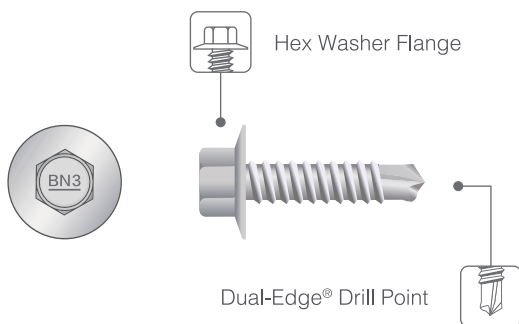


STEEL PENETRATION

Max. drilling capacity 1.5+1.5mm thick

PRODUCT FEATURES

Dual-Edge® Drill Point
High pull-out strength



PART NUMBER

#12 Gauge

SDHCF1220C3 12-14 x 20mm

SST 1000 hrs + Kesternich 7 cycles

*For sizes not indicated, please contact for further information

TRUSS-TiteTM

Concealed Fixing to Metal

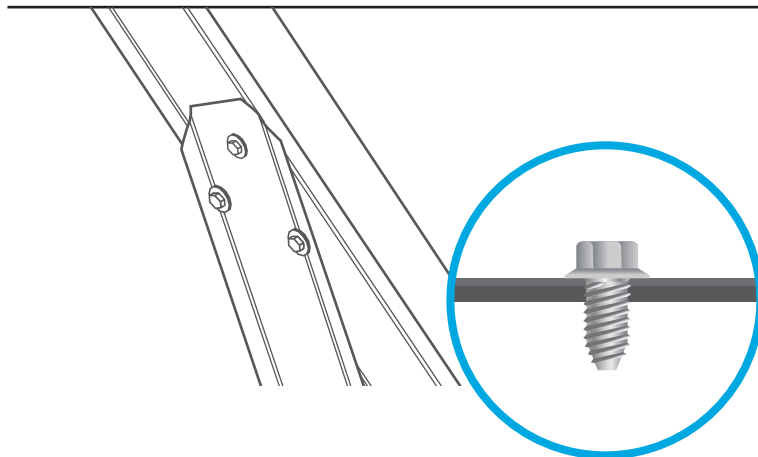


www.bdnfasteners.com

TRUSS-Tite™

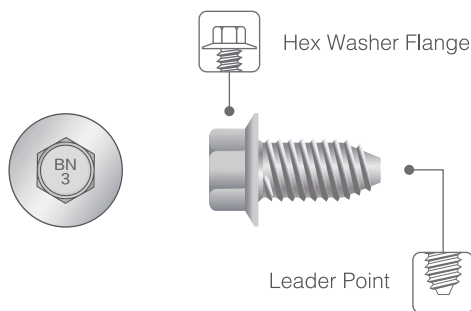
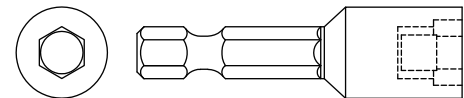
Fixing Steel Roof and Floor Trusses

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.



ADAPTER TO USE

Magnetic Hex Socket (5/16")



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

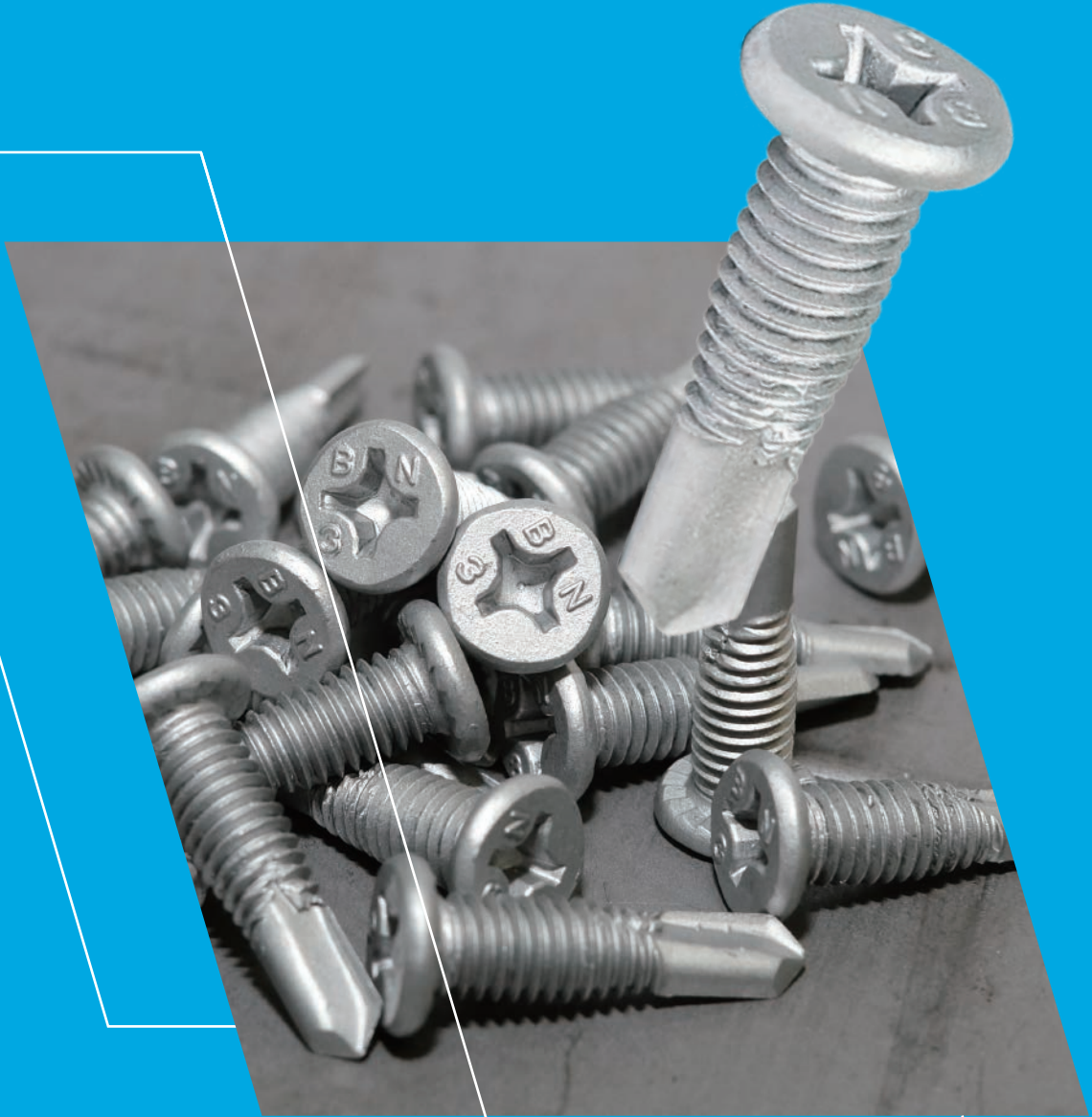
SST 1000 hrs + Kesternich 7 cycles

SDHTSF0816C3 M8.0-2.12 x 16mm

*For sizes not indicated, please contact for further information

FRAME-Tite™

Fixing to Steel Wall Frames

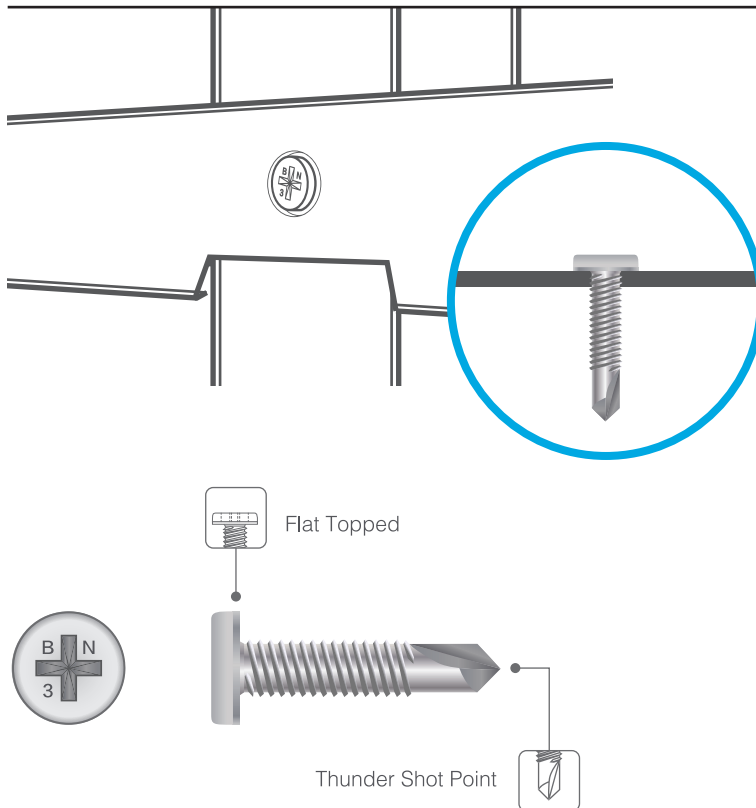


www.bdnfasteners.com

FRAME-Tite™

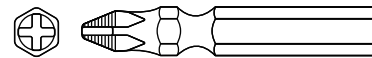
Fixing to Steel Wall Frames

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

Max. 4.0mm thick

PRODUCT FEATURES

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

PART NUMBER

SDFHSF0622C3 M6.0-1.00 x 22mm

SST 1000 hrs + Kesternich 7 cycles

*For sizes not indicated, please contact for further information

TIMBER-Tite™

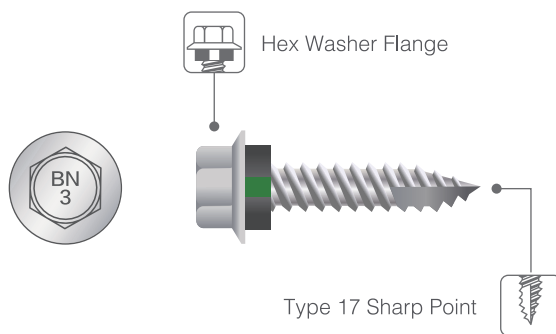
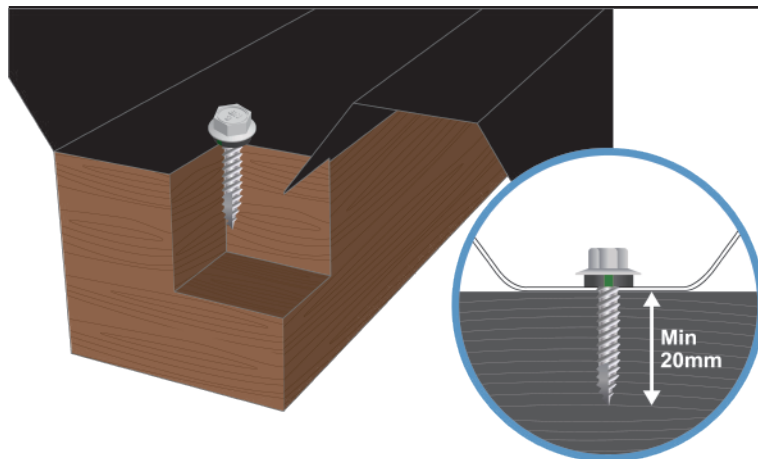
Fixing Cladding to Timber



TIMBER-Tite™

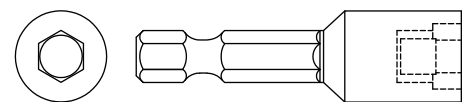
Valley Fixing Fasteners

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

Eco-BDN® Green Washer



Eco-BDN
Green Washer

PART NUMBER

#10 Gauge

T17H1020C3N 10-12 x 20mm

SST 1000 hrs + Kesternich 7 cycles

*For sizes not indicated, please contact for further information

TIMBER-Tite™

Fixing Roof Sheeting to Timber

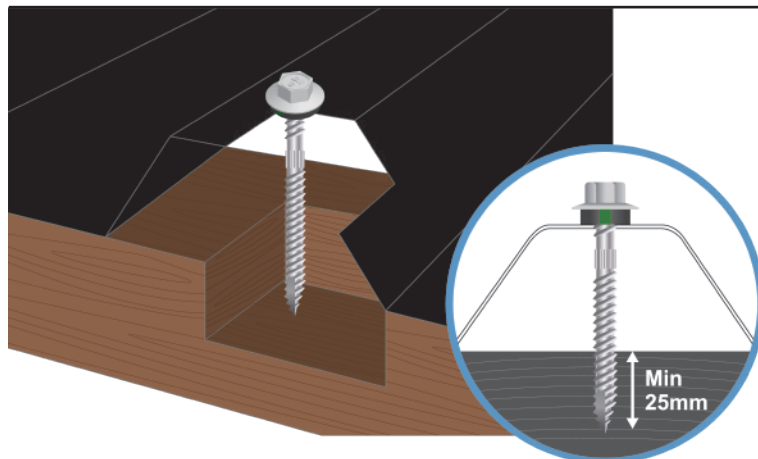


www.bdnfasteners.com

TIMBER-Tite™

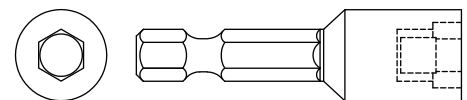
Crest Fixing Fasteners

Carbon steel fasteners for fixing steel sheets onto steel substrates



ADAPTER TO USE

Magnetic Hex Socket (5/16")



TIMBER PENETRATION

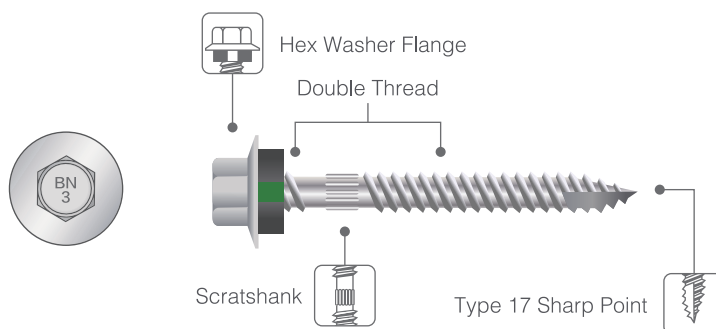
Min. 25mm penetration

PRODUCT FEATURES

Hex Washer Flange
Type 17 Sharp Point
Double Thread
Scratchshank

WASHER

Eco-BDN® Green Washer



PART NUMBER

#12 Gauge

T17HCG1250C3N	12-11 x 50mm
T17HCG1255C3N	12-11 x 55mm
T17HCG1265C3N	12-11 x 65mm
T17HCG1275C3N	12-11 x 75mm

SST 1000 hrs + Kesternich 7 cycles

*For sizes not indicated, please contact for further information

POLYXPANDTM

Plastic Skylight Fixing Fasteners

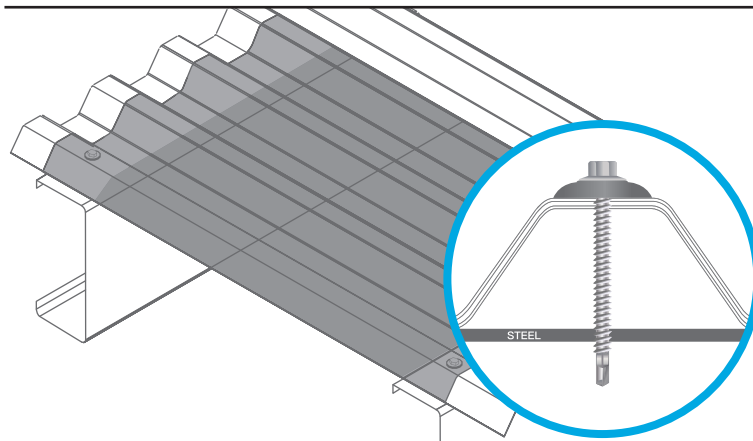


www.bdnfasteners.com

POLYXPAND™

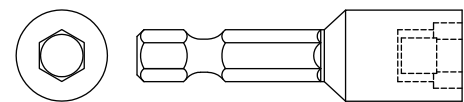
Plastic Skylight Fixing Fasteners

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

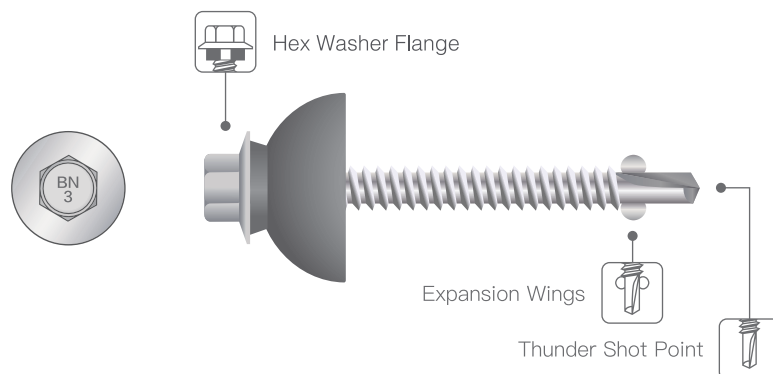
Max 5.5mm Thick

PRODUCT FEATURES

Hex Washer Flange
Expansion Wings
Thunder-Shot Point

WASHER

Ø 25mm Dome Grey EPDM



PART NUMBER



BN3 Series

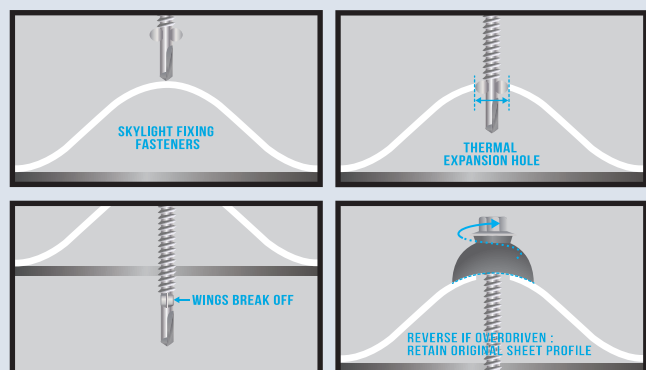
SST 1000 hrs + Kesternich 7 cycles

SDHCP1240C3D 12-14 x 40mm

SDHCP1255C3D 12-14 x 55mm

SDHCP1265C3D 12-14 x 65mm

SDHCP1272C3D 12-14 x 72mm



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

POLY-FAST™

Polycarbonate Roofing Fasteners



www.bdnfasteners.com

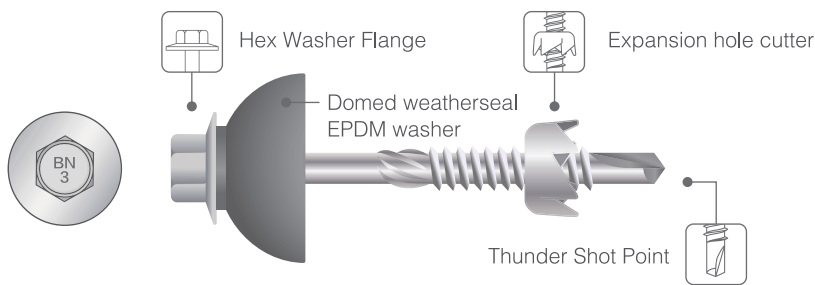
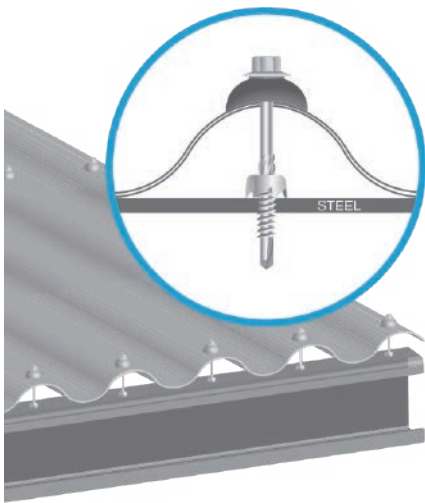
POLY-FAST™

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

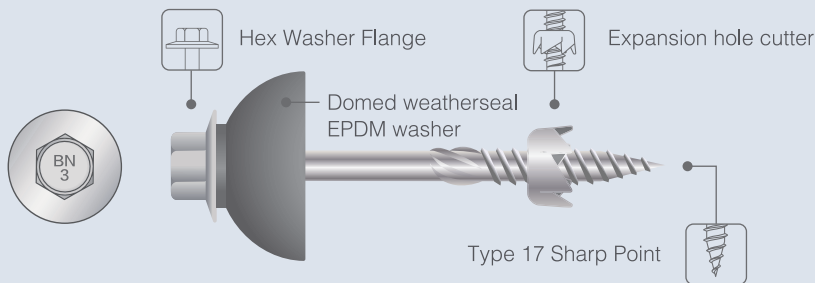
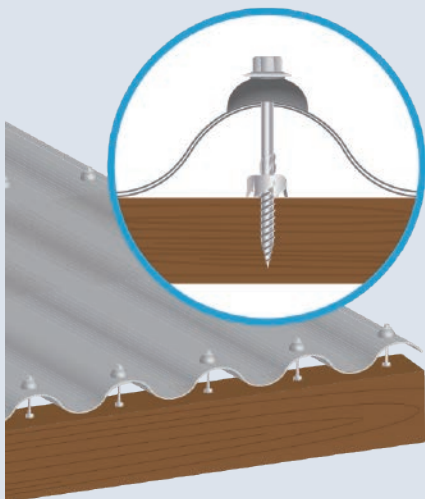
SDHXPS12060C3 12-14 x 60mm

WASHER

Ø 22mm Domed weatherseal EPDM washer



Polycarbonate Roofing Fasteners (For Timber)



TIMBER PENETRATION

Min 20mm penetration

PART NUMBER

T17HXPS1250C3 12-11 x 50mm

WASHER

Ø 22mm Domed weatherseal EPDM washer



*For sizes not indicated, please contact for further information

Collated Screws

Fixing plasterboard to thin steel or timber substrates

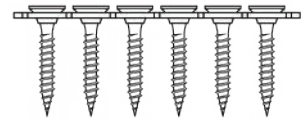


Collated Screws

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)

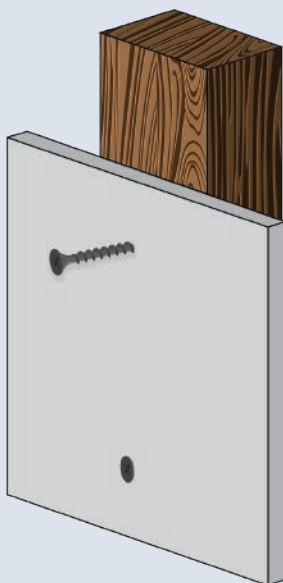
#6 x 1-1/4" (M3.5 x 32mm)

DESCRIPTION

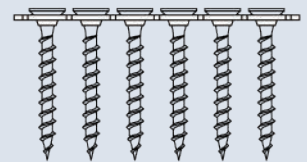
Collated Bugle Head Drywall Screw,
Fine Thread, Black Phosphate

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

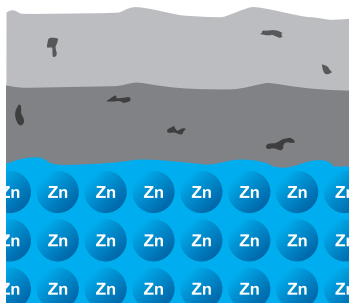
Collated Bugle Head Drywall Screw,
Coarse Thread, Black Phosphate

BOX QUANTITY

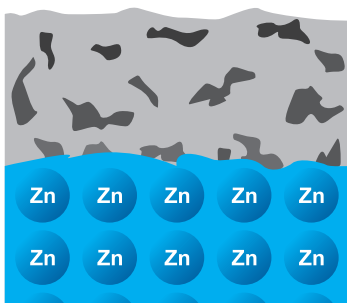
Package: 50pcs/strip, 1000pcs/box and 10000pcs/CTN

Test Certificates - Surface Treatment

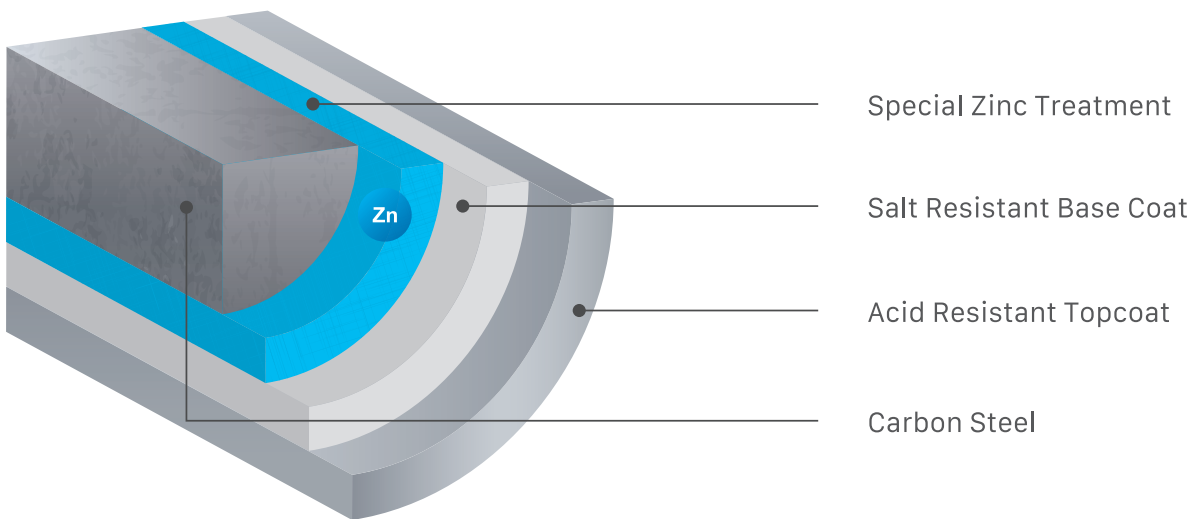
BDN® Ruspert Coating consists of multiple layers of specially formulated coatings that can easily withstand 1000hrs of salt spray test (AS 2331.3.1-2001), and 15 Kesternich cycles (DIN50018 2.0 SFW).



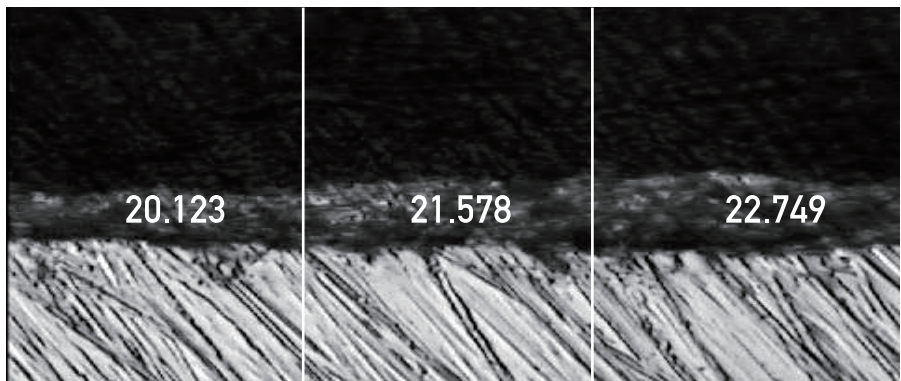
BDN® Ruspert Coating



Conventional Coating



Coating Thickness: 18-25um



Test Certificates - Washers

Report date: Dec. 05, 2022 tested by SGS and Nov. 04, 2022 tested by PIDC
Product range: ECO-BDN GREEN EPDM WASHER
Technical Specification:

	Fastener Gauge: #10		
	Outside Diameter (mm) 9.6	Inside Diameter (mm) 4.9	Thickness (mm) 2.6
	Fastener Gauge: #12		
	Outside Diameter (mm) 11.1	Inside Diameter (mm) 6.7	Thickness (mm) 2.6
	Fastener Gauge: #14		
	Outside Diameter (mm) 11.1	Inside Diameter (mm) 7.5	Thickness (mm) 2.6

 **Eco-BDN
Green Washer**

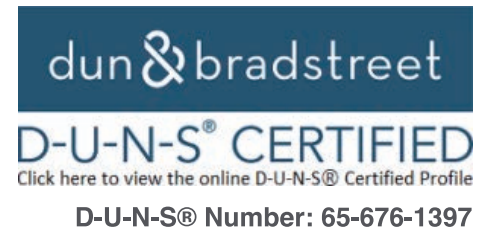


BDN FASTENERS, guarantee that the goods from the above "Product range" complies with the Australia & International Standards details below.

ASTM Method	Test Description	Specification	Result
D2240	Shore 'A' Hardness	80 +/- 5	82
D412	Tensile Strength (Mpa)	4.0 min	7.79
	Elongation (%)	150 min	410
D624	Tear Strength (kN/m)	20 min	33
D395	Compression set (%)	-	27
D573	Heat Resistance 70hrs @100°C	-	-
	Tensile Strength Change (%)	+/-10	+11
	Elongation Change (%)	+/-25	-22
	Hardness Change (Type A/1 sec)	+/-25	+4
D1171	Resistance to Ozone (100hrs@40°C)	-	100ppm No cracks
D2137	Low Temperature Brittleness (3min@-50°C)	-	Non-brittle
D257	Surface Resistivity (Ω)	-	Non-conductive
	Volume Resistivity(Ω-cm)	-	Non-conductive

Quality Assurance

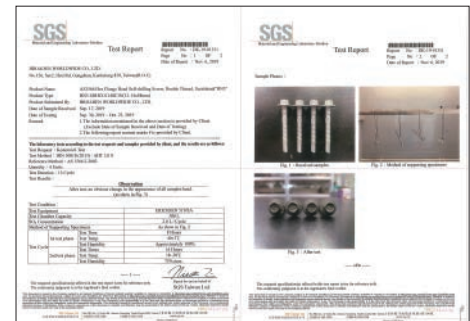
To show our commitment to being a trustworthy supplier, and provide the best product and services, **BDN Fasteners®** are manufactured and quality controlled following ISO standards, and is of course, ISO-9001:2015 certified.



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 PROCESS



PRE-PRODUCTION INSPECTION

Drawing Check
Specific Conditions Check

HEADING / THREADING / PINCH POINTING

Machinery Condition Check
Molds and Dies Inspection and Setup

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

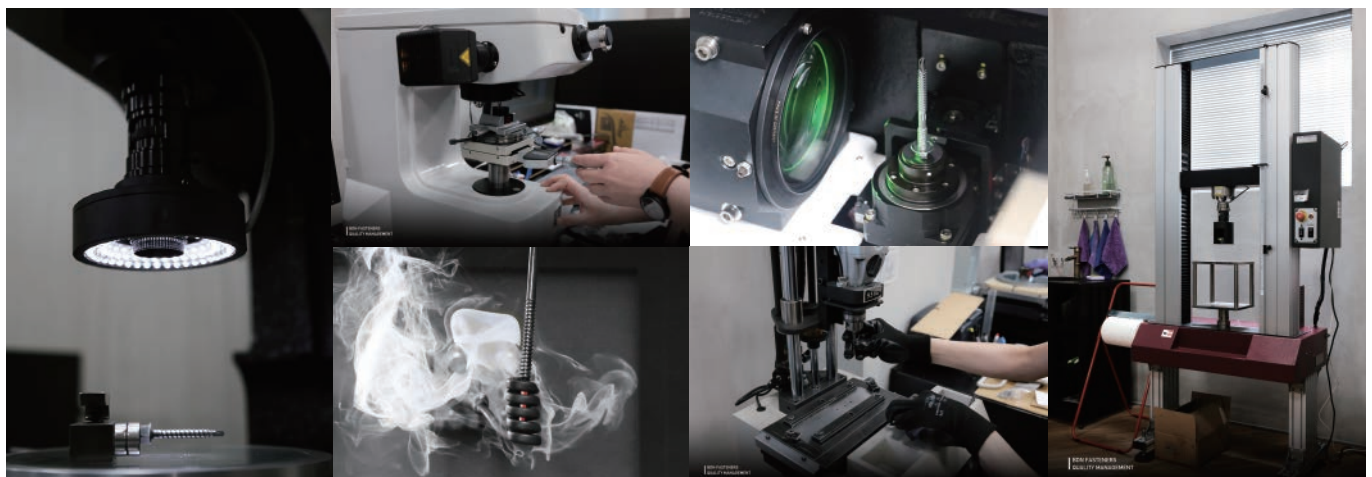
PRE-SHIPMENT INSPECTION

Manual Sorting and Rearrangement
Optical Sorting (Optional)

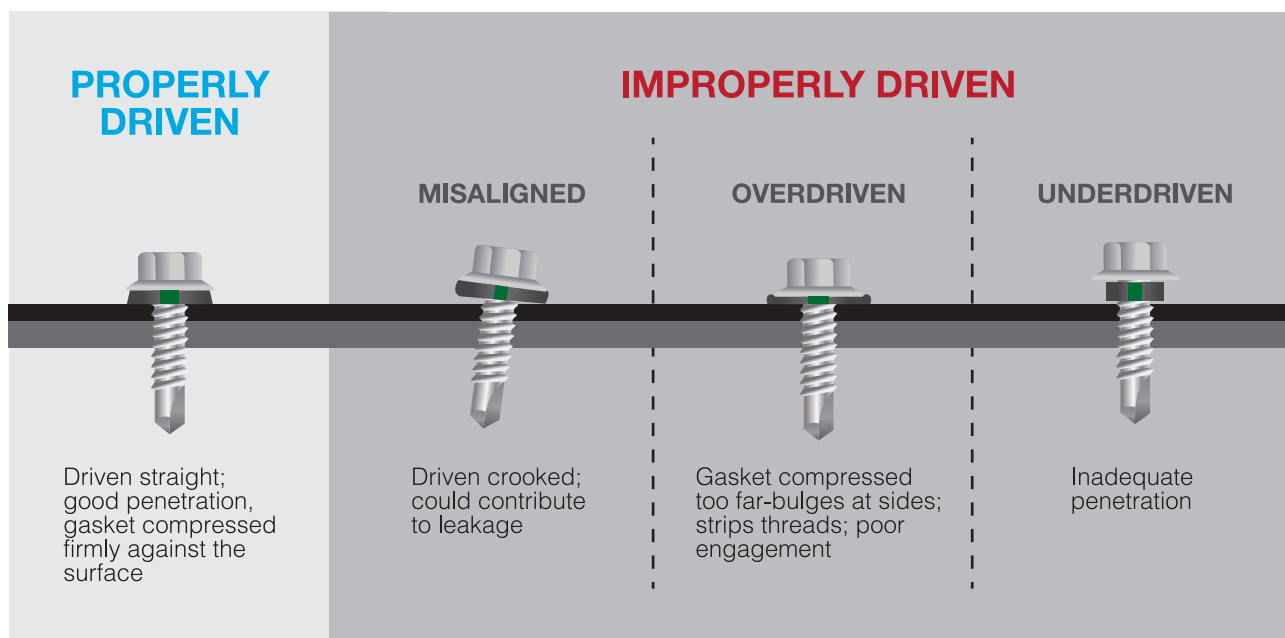
FINAL INSPECTION

Dimension
Functionality
Aesthetics

















PRE-SHIPMENT SAMPLES SENT UPON REQUEST



Screw Installation



Screw Description

PART CODE									
POINT TYPE	HEAD STYLE	DRILLING POINT	THREAD PITCH	PRODUCT	THREAD TYPE	GUAGE	LENGTH	CORROSION RESISTANCE CLASS	SEALING WASHER
								 SST 1000HRS+7 CYCLES	 BDN WASHER
SELF DRILLING SD	HEX H	#5 POINT 5	COARSE THREAD C	POLYXPAND P	SCRATSHANK G				N
									 BAZ WASHER
TYPE 17 T17	WAFER HEAD W	-	FINE THREAD F	-	DOUBLE SCRATSHANK XG	12	55	C3	D
						12	55	C3	 BONDED WASHER
T17	W	-	F	-	XG	12	55	C3	B

Packaging Guide

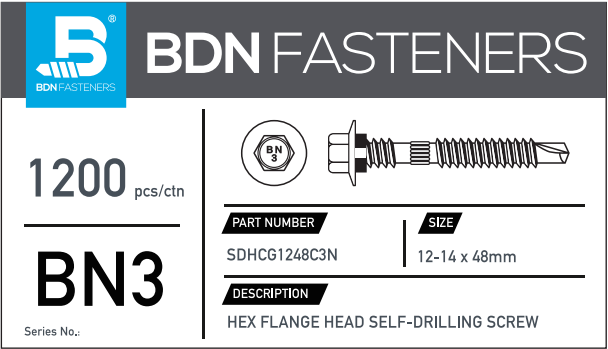
Brand new packaging, upsized logos, spiced up head markings and more!
Updated color scheme means you'll never have trouble spotting trusty **BDN Fasteners®** anymore!



Product Label

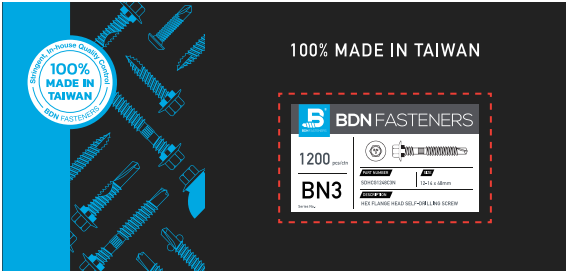
BDN Fasteners® come with large, easy to read product labels. Each product has its own unique label showing the product category, packaged quantities, size, part no., color, and description.

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.



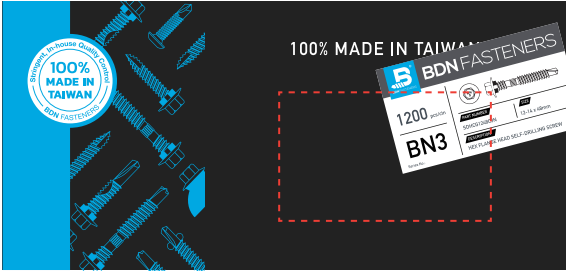
Size: 140 x 80 mm

✓ CORRECT



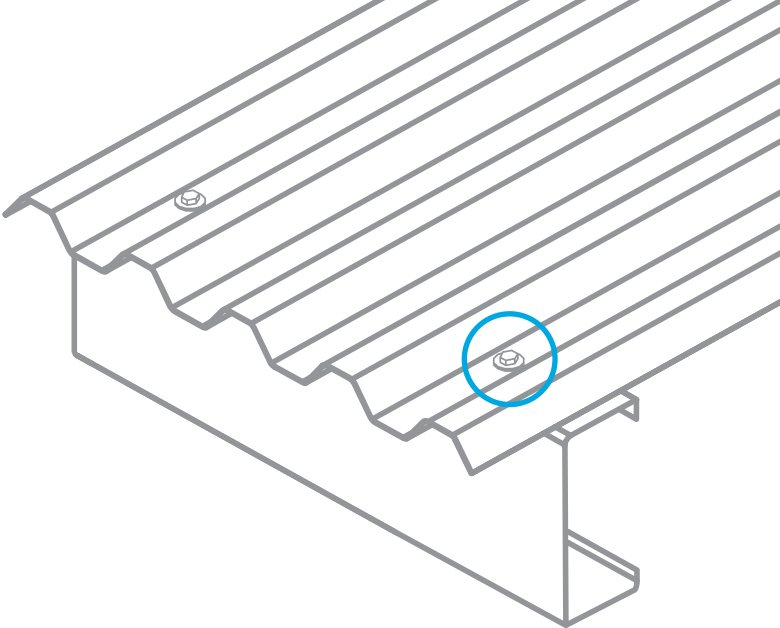
All **BDN Fasteners®** product labels must be placed at the designated area on the carton as stated below.

! DO NOT!

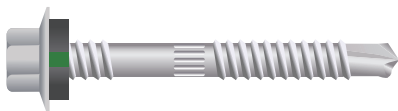


BDN Fasteners® product labels are always placed at the center of the box.

Pullout Values

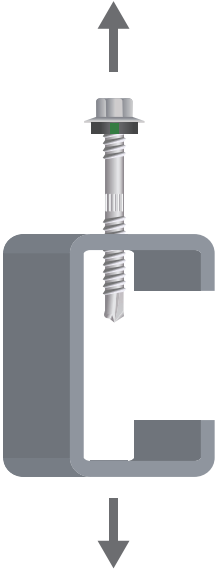


BDN FASTENERS into Steel

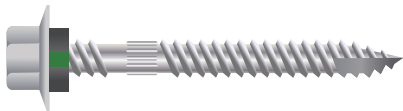


Screw Gauge / TPI	Steel Thickness				
	0.75mm Batten	1.20mm Stud	1.5mm Purlin	1.9mm Purlin	2.4mm Purlin
10-16 x L	1,860	2,320	4,200	5,500	7,820
10-24 x L	–	2,320	4,280	5,820	7,680
12-14 x L Screw Length longer than 20mm	–	1,980	3,040	5,160	6,960
12-14 x L Screw Length 20mm or Shorter	–	2,200	4,080	5,420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

(Unit:Newtons)

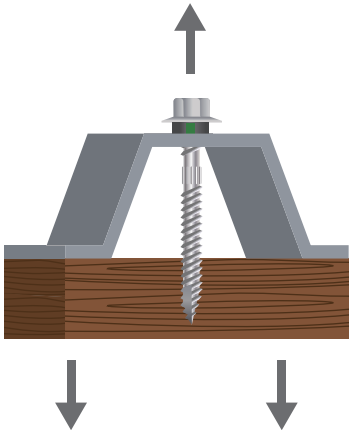


BDN FASTENERS into Timber, Lightweight Battens & Steel



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

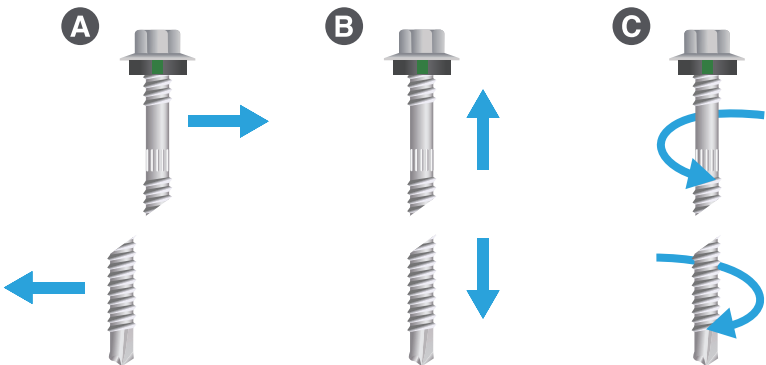


Screw Gauge / TPI	Single Shear Strength (N)	Axial Tensile Strength (N)	Torsional Strength (Nm)
10-16 x L	6,800	11,900	6.9
10-24 x L	6,200	11,400	7.4
12-14 x L	8,800	15,300	10.9
12-11 x L (T17S)	8,400	13,900	9.4

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



E-Mail : info@bdfnfasteners.com



E-Mail : info@bdnfasteners.com





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.bdfasteners.com