

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.

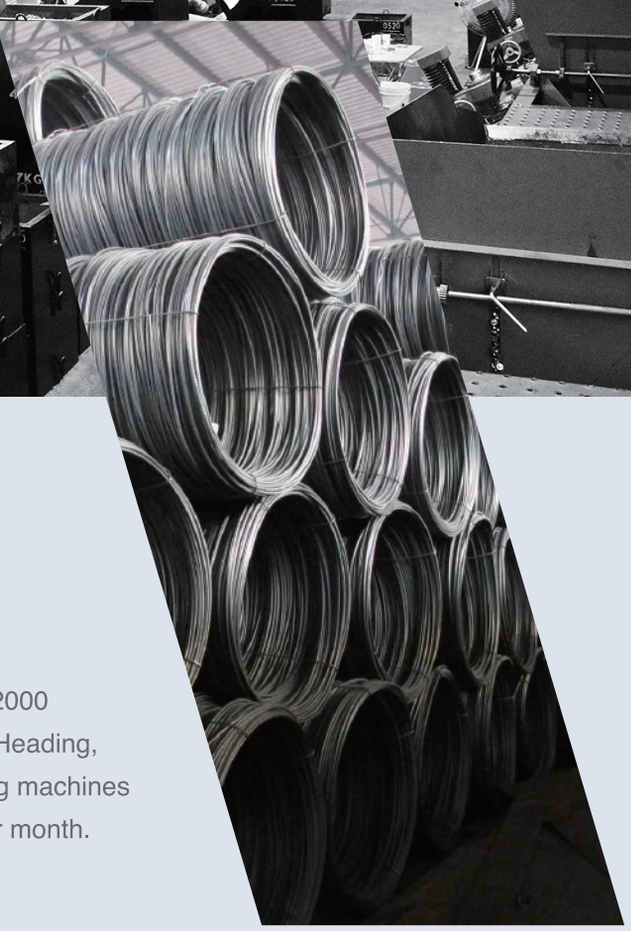
Founded in 2009.





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)

BDN FASTENERS





FACTORY

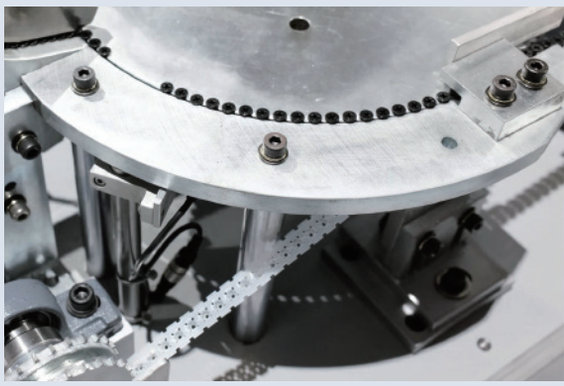
2000 square meter space

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.

BDN FASTENERS

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







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BDN FASTENERS

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

ISO 9001:2015

2009

Established in 2009 and began the trade of selling construction fasteners.

2014

In 2014, the 100% Made in Taiwan, BDN Fasteners brand name stepped into the fasteners scene.

2015

BDN FASTENERS Thailand was established in 2015, and set up as a base for sales and promotion of BDN Fasteners in ASEAN countries.

2017

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.

2018

Despite hard times, BDN Fasteners takes a 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.

2019

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.

2022

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.

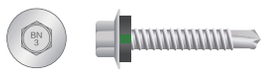


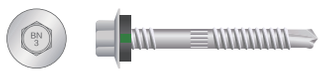
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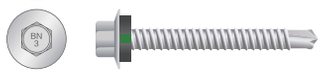
BDN FASTENERS

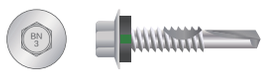
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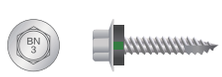
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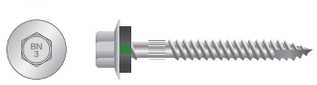
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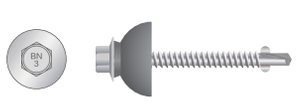
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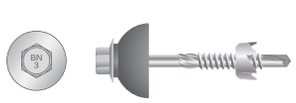
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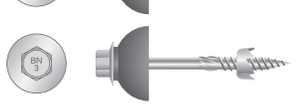
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POLY-FAST™

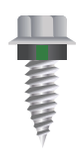
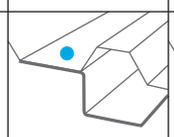
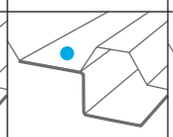
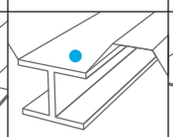
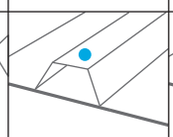
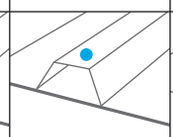
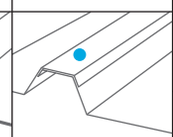
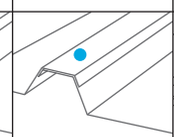
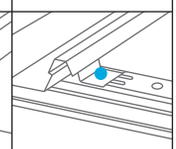
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Collated Series 41

Product Overview - BDN Fasteners®

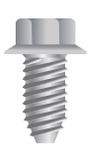
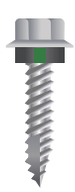
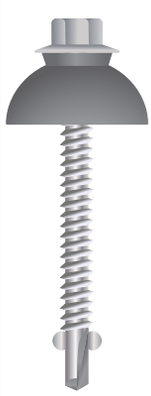
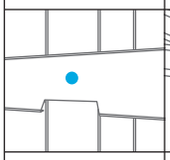
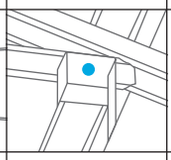
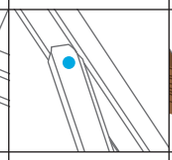
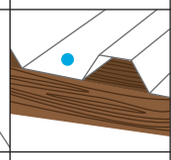
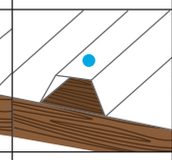
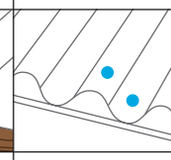
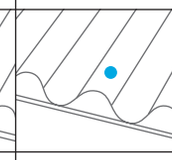
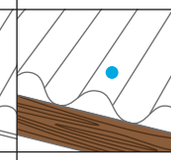
Coating Type: Zinc + Organic Coating (Ruspert)
SGS Certification: SST 1000 hrs + Kesternich 7 cycles

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								

www.bdnfasteners.com

Certified Product™
Australian Standard

BDN FASTENERS

								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

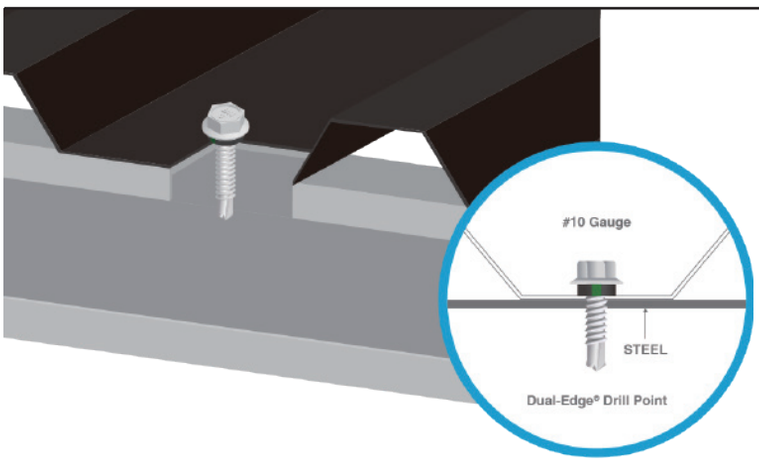


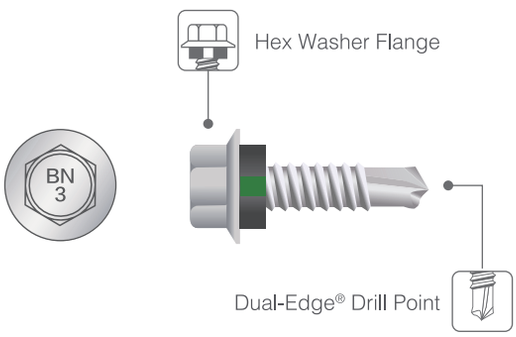
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METAL-Tite™

Valley Fixing Fasteners

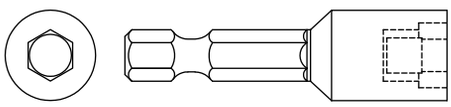
Carbon steel fasteners for fixing steel sheets onto steel substrates





ADAPTER TO USE

Magnetic Hex Socket (5/16")



STEEL PENETRATION

Max. 4.0mm thick (For #10 gauge)

PRODUCT FEATURES

Hex Washer Flange
Dual-Edge® Drill Point

WASHER

Eco-BDN® Green Washer



Eco-BDN Green Washer

PART NUMBER

#10 Gauge

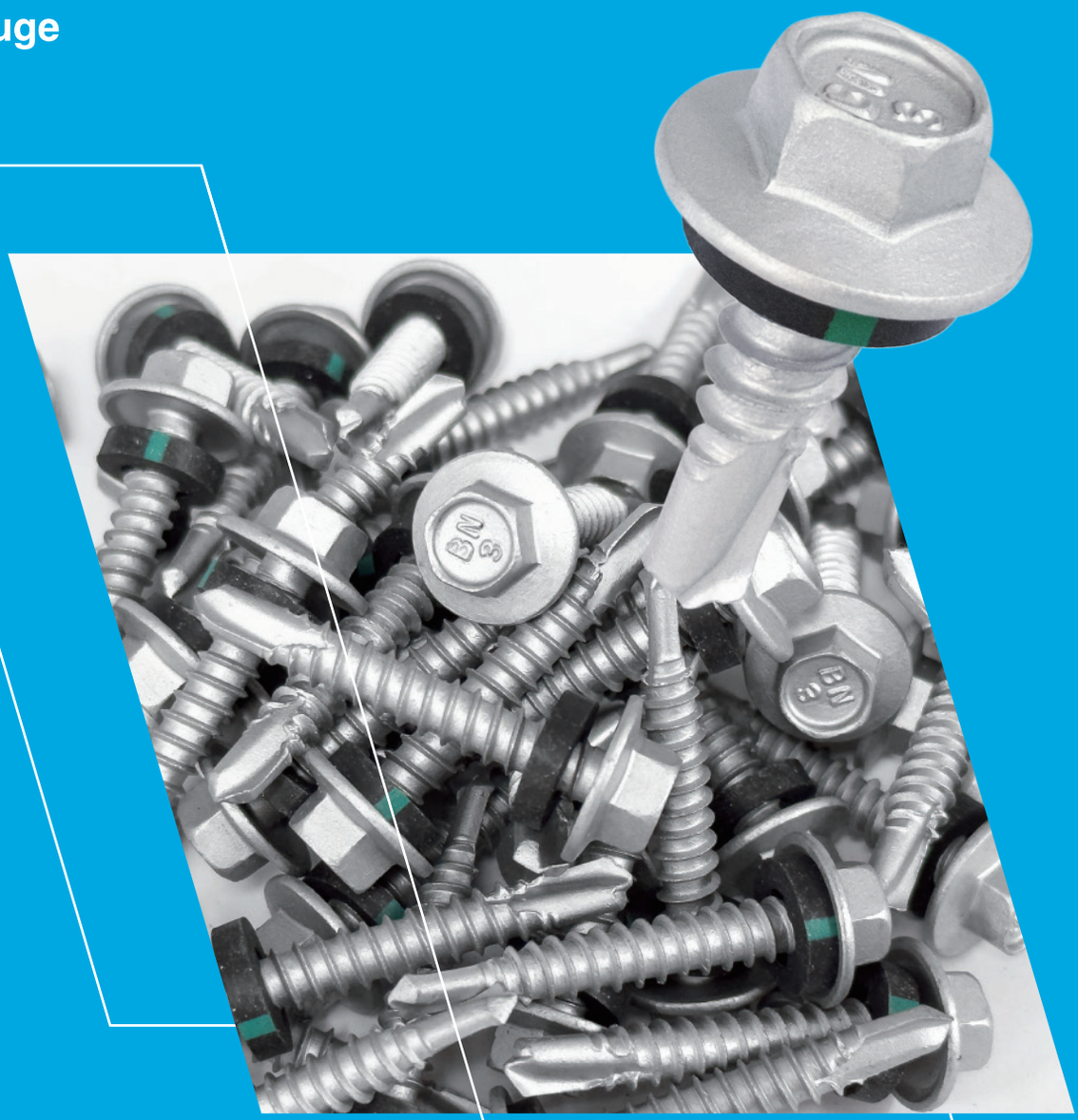
SDHC1016C3N 10-16 x 16mm
SDHC1019C3N 10-16 x 19mm
SDHC1025C3N 10-16 x 25mm

SST 1000 hrs + Kesternich 7 cycles

*For sizes not indicated, please contact for further information

METAL-Tite™

Fixing Cladding to Steel
#12 Gauge

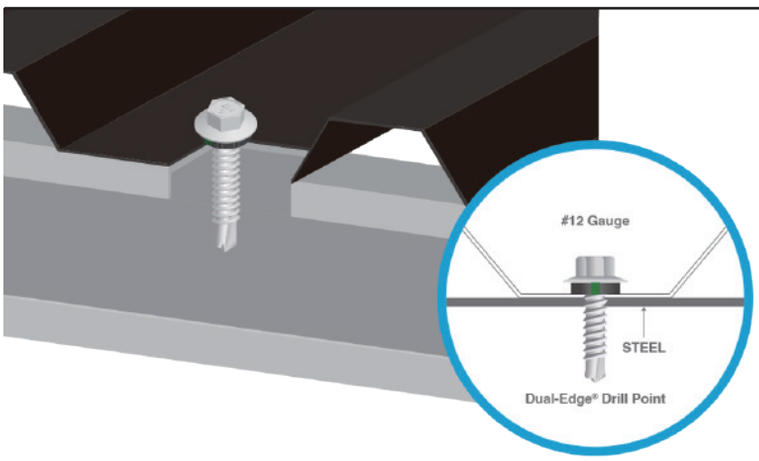


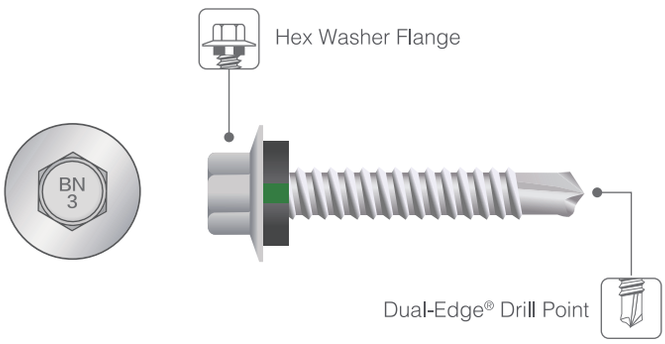
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METAL-Tite™

Valley Fixing Fasteners

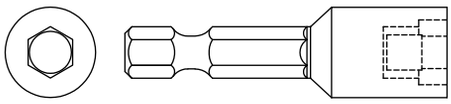
Carbon steel fasteners for fixing steel sheets onto steel substrates





ADAPTER TO USE

Magnetic Hex Socket (5/16")



STEEL PENETRATION

Max. 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

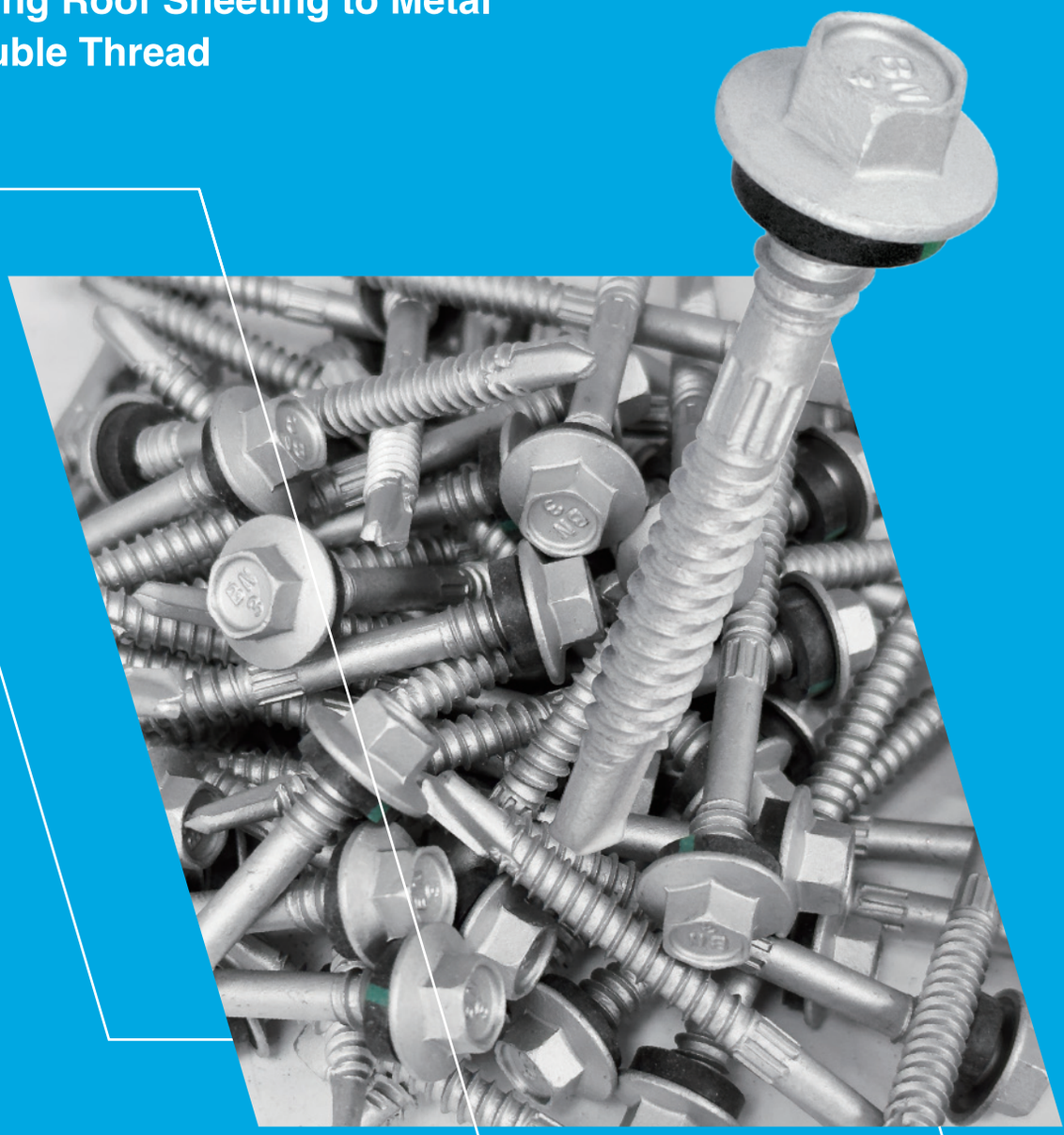
SDHC1220C3N	12-14 x 20mm
SDHC1225C3N	12-14 x 25mm
SDHC1230C3N	12-14 x 30mm
SDHC1235C3N	12-14 x 35mm

SST 1000 hrs + Kesternich 7 cycles

*For sizes not indicated, please contact for further information

METAL-Tite™

Fixing Roof Sheeting to Metal
Double Thread

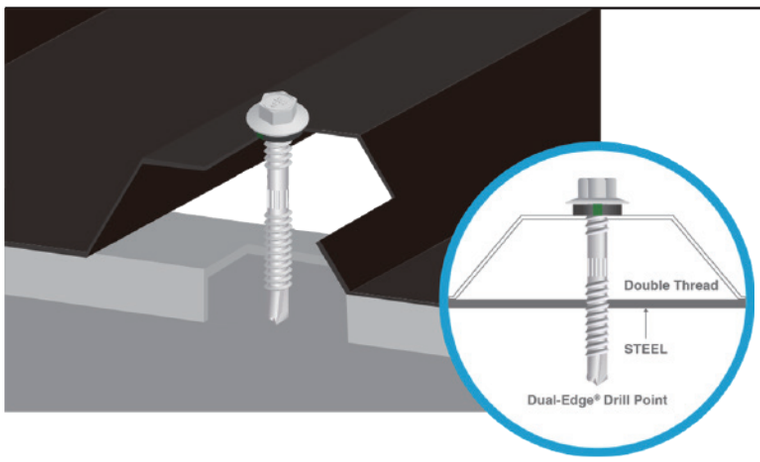


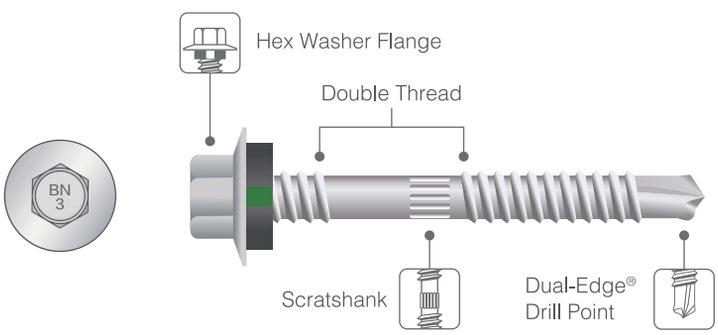
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METAL-Tite™

Crest Fixing Fasteners

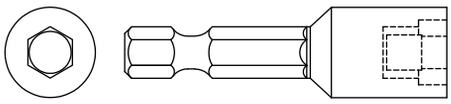
Carbon steel fasteners for fixing steel sheets onto steel substrates





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
Scratshank

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 Sheeting to Metal
Full Thread

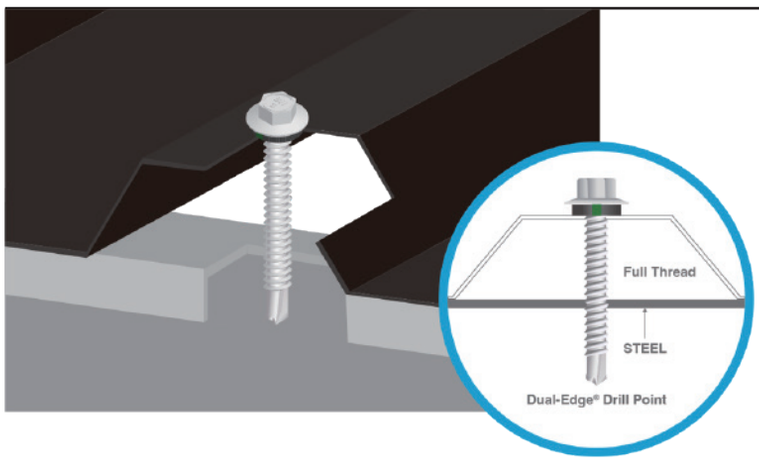


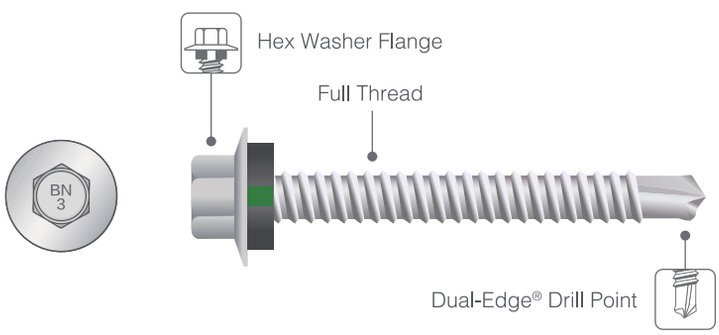
www.bdnfasteners.com

METAL-Tite™

Crest Fixing Fasteners

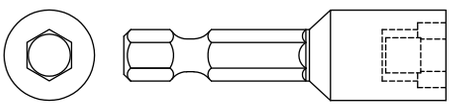
Carbon steel fasteners for fixing steel sheets onto steel substrates





ADAPTER TO USE

Magnetic Hex Socket (5/16")



STEEL PENETRATION

Max. 6.0mm thick (For #12 gauge)

PRODUCT FEATURES

Hex Washer Flange
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

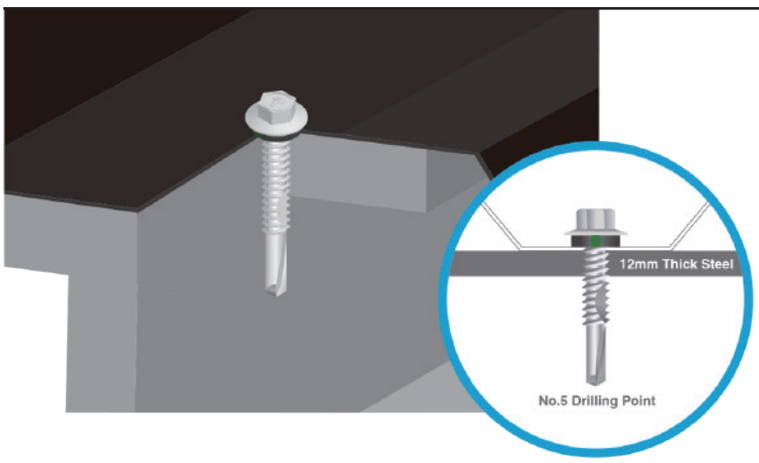


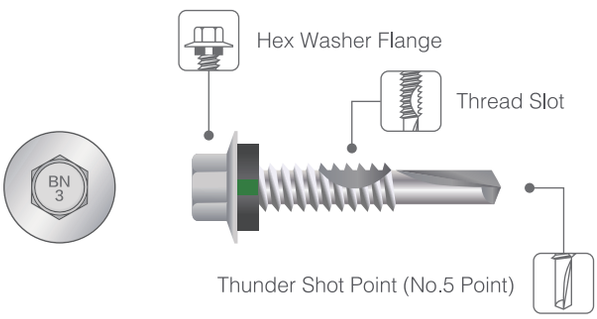
www.bdnfasteners.com

METAL-Tite™

Heavy Section

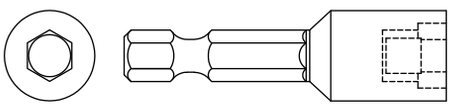
The patented Thunder-Shot Drill Point is designed for fixing cladding to thick steel and drills through 12.5mm thick steel with ease.





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



Eco-BDN Green Washer

PART NUMBER

#12 Gauge

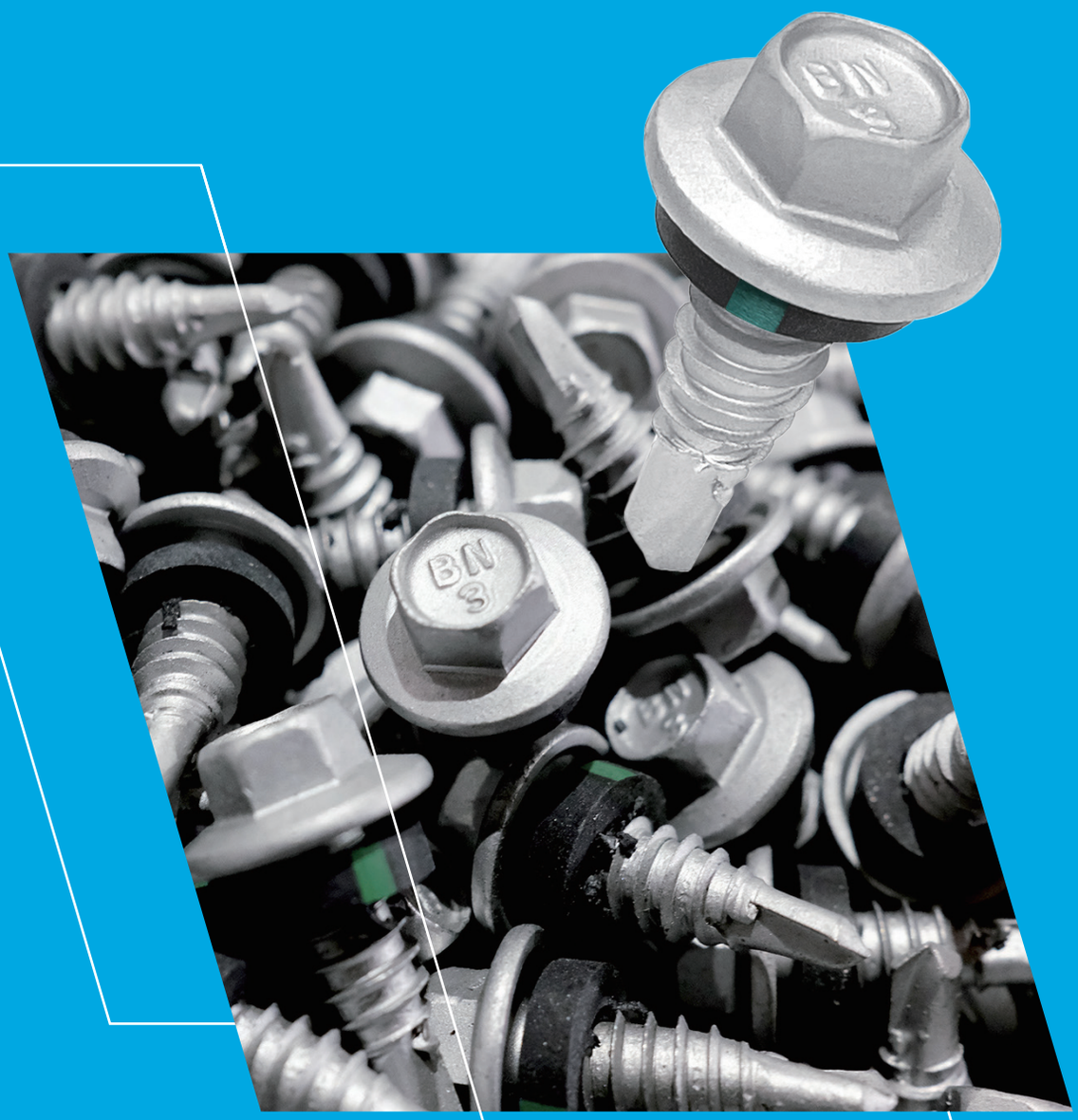
SDH5F1232C3N	12-24 x 32mm
SDH5F1238C3N	12-24 x 38mm
SDH5F1250C3N	12-24 x 50mm

SST 1000 hrs + Kesternich 7 cycles

*For sizes not indicated, please contact for further information

METAL-Tite™

Stitching Screws Fixing to Metal

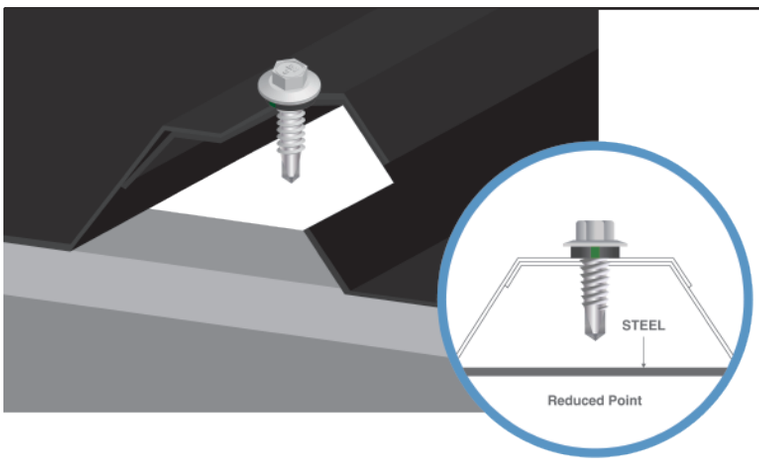


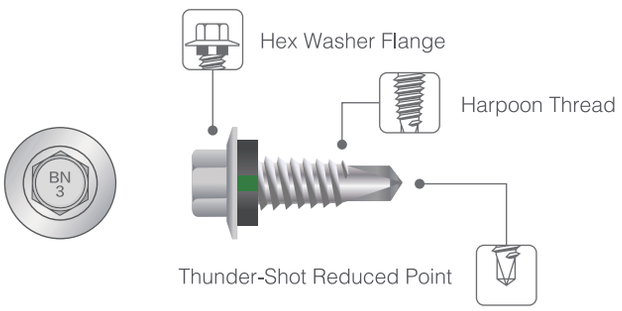
www.bdnfasteners.com

METAL-Tite™

Stitching Fasteners

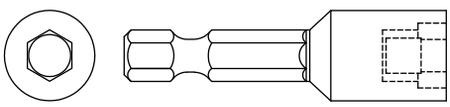
Carbon steel fasteners for fixing steel sheets onto steel substrates





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

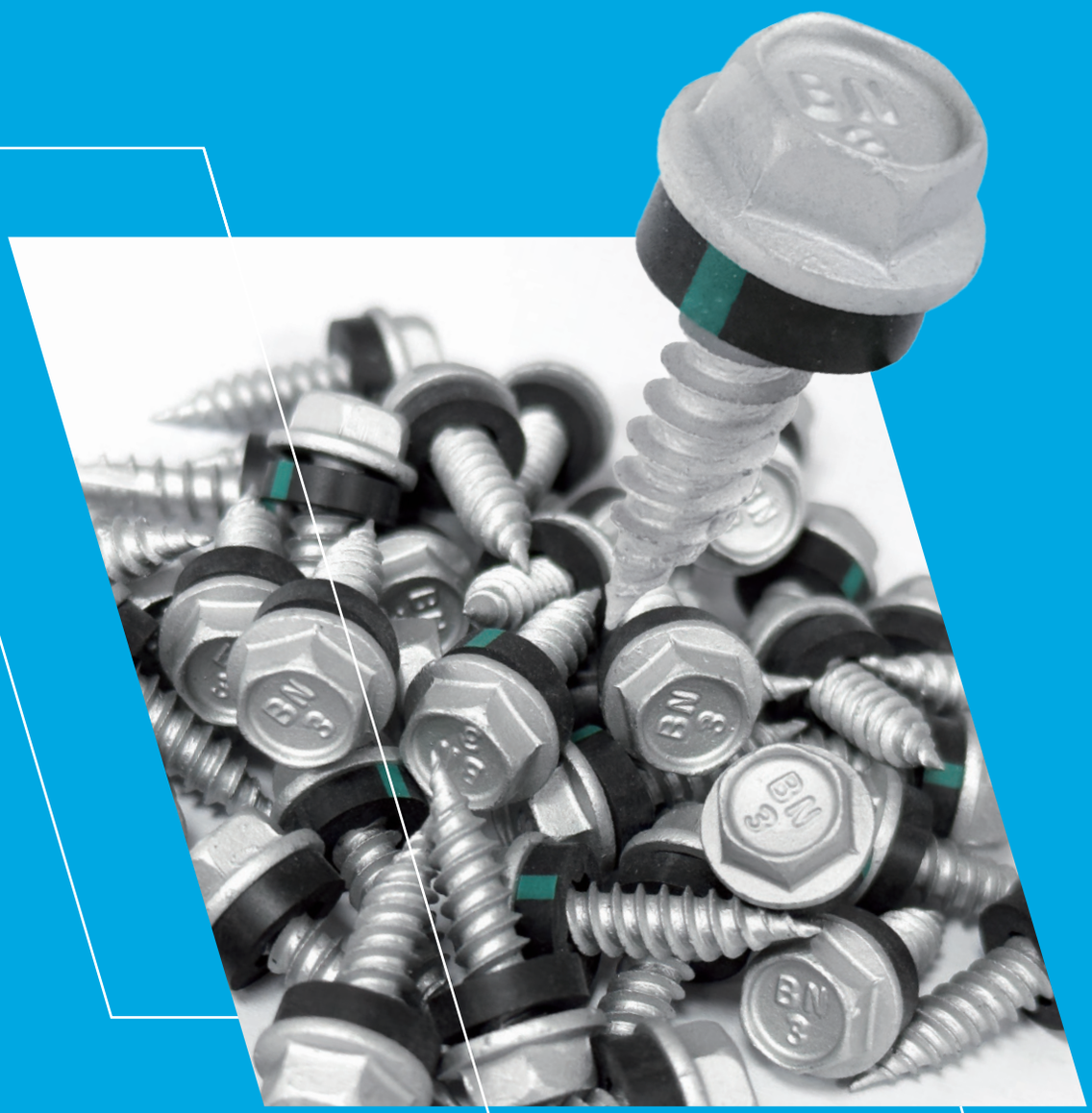
SDHC1520C3N 15-15 x 20mm

SST 1000 hrs + Kesternich 7 cycles

*For sizes not indicated, please contact for further information

METAL-Tite™

Stitching Screws Fixing to Metal

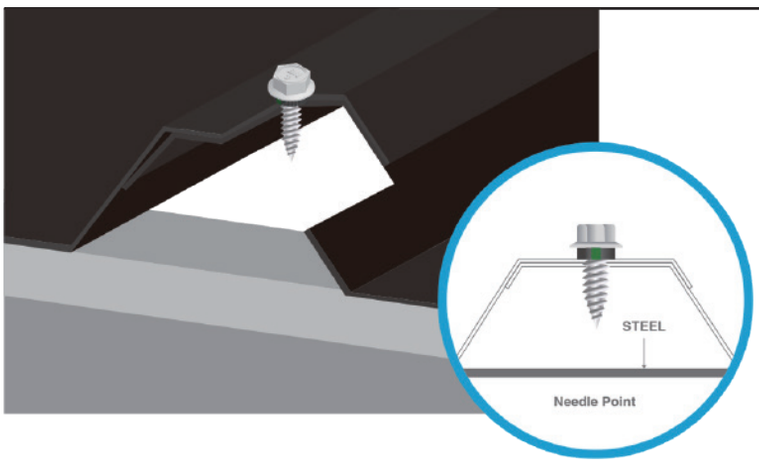


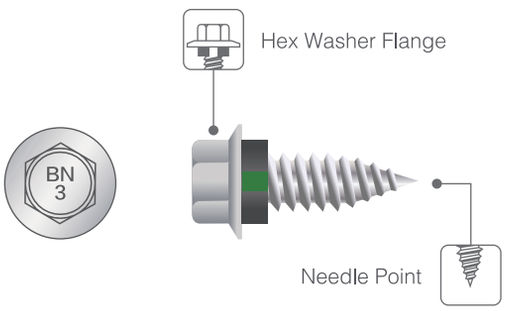
www.bdnfasteners.com

METAL-Tite™

Stitching Fasteners

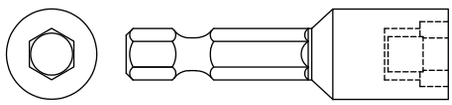
Carbon steel fasteners for fixing steel sheets onto steel substrates





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

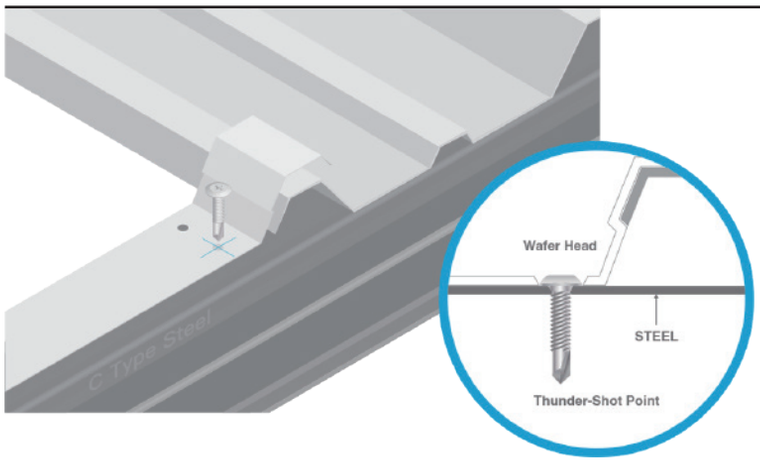


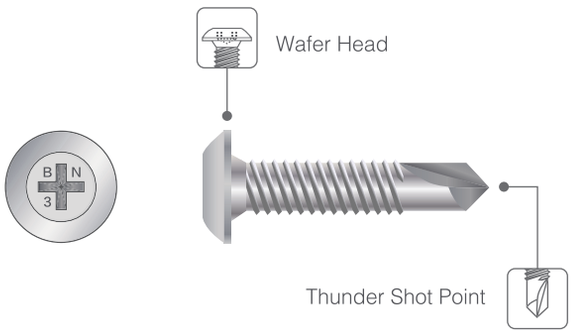
www.bdnfasteners.com

METAL-Tite™

Concealed Fixing Fasteners

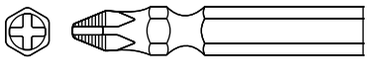
Carbon steel fasteners for fixing steel sheets onto steel substrates





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

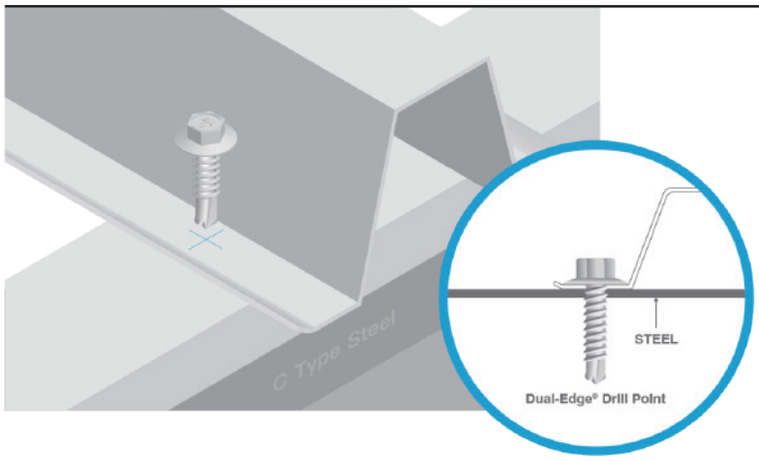


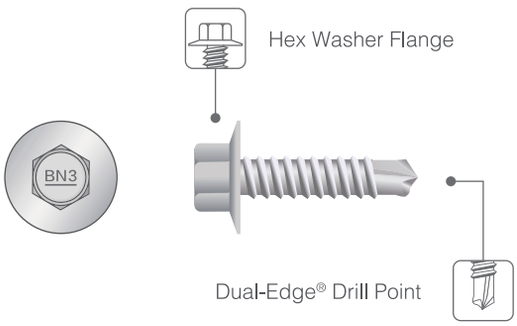
www.bdnfasteners.com

METAL-Tite™

Truss to Plate Connection

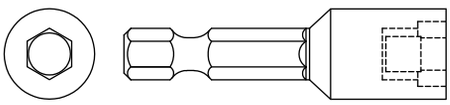
Follow Australian AS3566 standards, and are designed for fixing steel trusses to steel ranging from 0.75mm to 1.6mm thick.





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-Tite™

Concealed Fixing to Metal

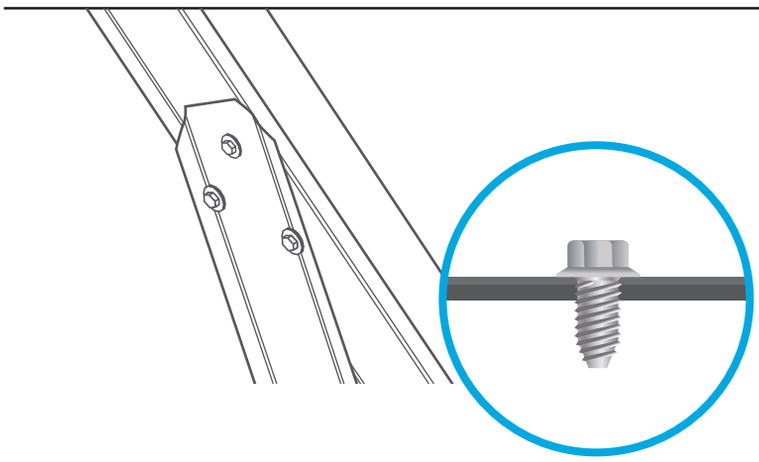


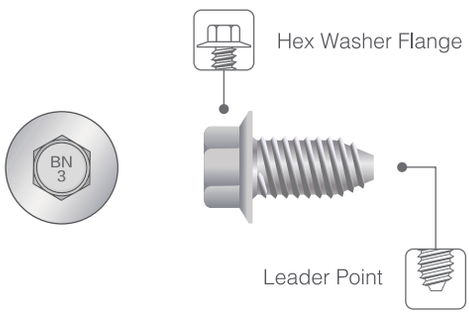
www.bdnfasteners.com

TRUSS-Tite™

Fixing Steel Roof and Floor Trusses

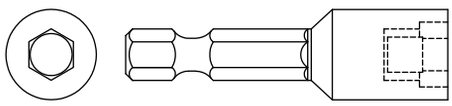
Truss screw is designed for the assembly of truss components through pre-punched holes. It fixes into steel ranging from 0.75mm to 1.6mm thick.





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

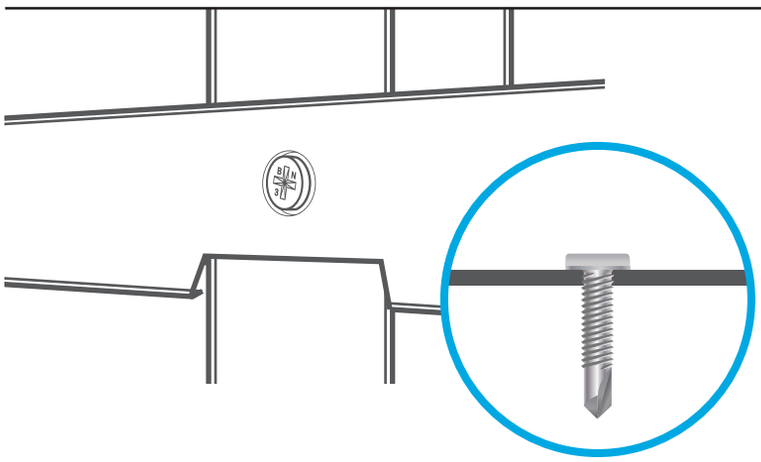


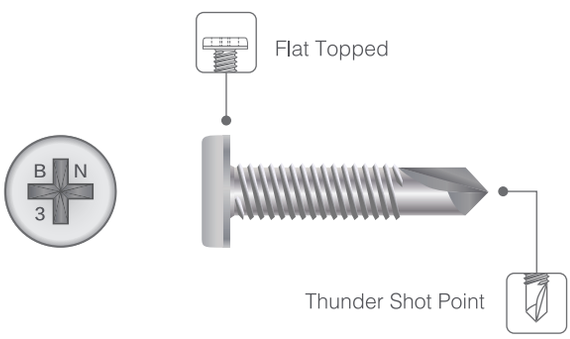
www.bdnfasteners.com

FRAME-Tite™

Fixing to Steel Wall Frames

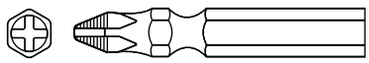
Flat top frame screw is designed for stud to plate connections and connection lintels to plate without pre-punched holes.





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

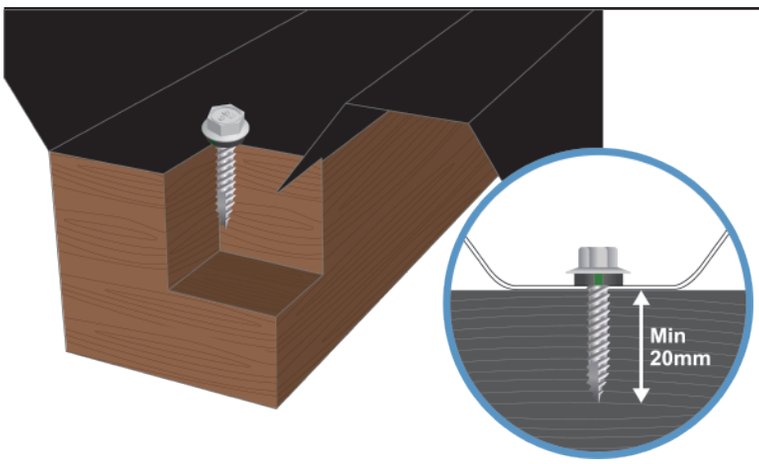


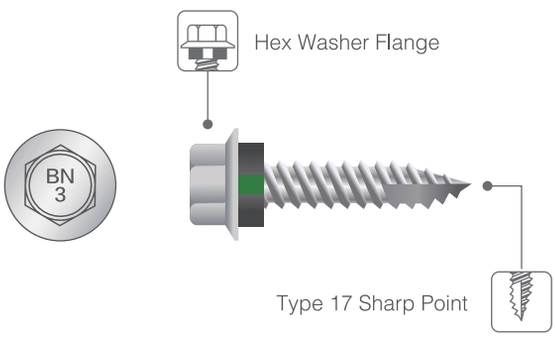
www.bdnfasteners.com

TIMBER-Tite™

Valley Fixing Fasteners

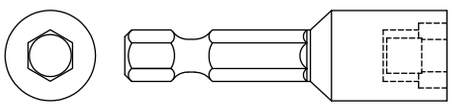
Carbon steel fasteners for fixing steel sheets into timber substrates





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

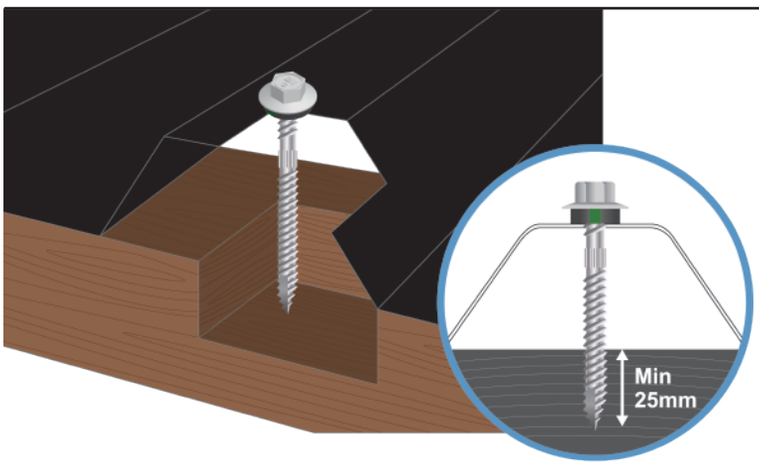


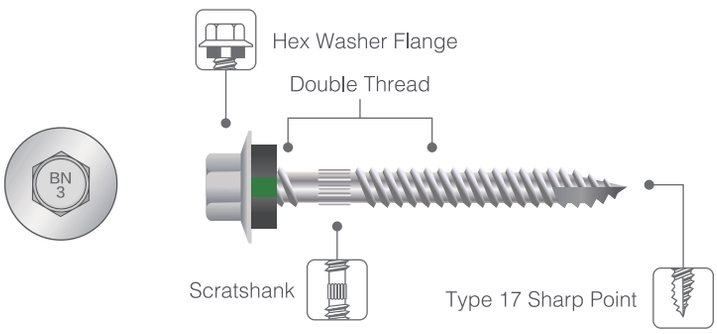
www.bdnfasteners.com

TIMBER-Tite™

Crest Fixing Fasteners

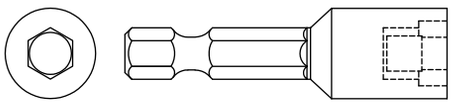
Carbon steel fasteners for fixing steel sheets onto steel substrates





ADAPTER TO USE

Magnetic Hex Socket (5/16")



TIMBER PENETRATION

Min. 25mm penetration

PRODUCT FEATURES

Hex Washer Flange
Type 17 Sharp Point
Double Thread
Scratshank

WASHER

Eco-BDN® Green 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

POLYXPAND™

Plastic Skylight Fixing Fasteners

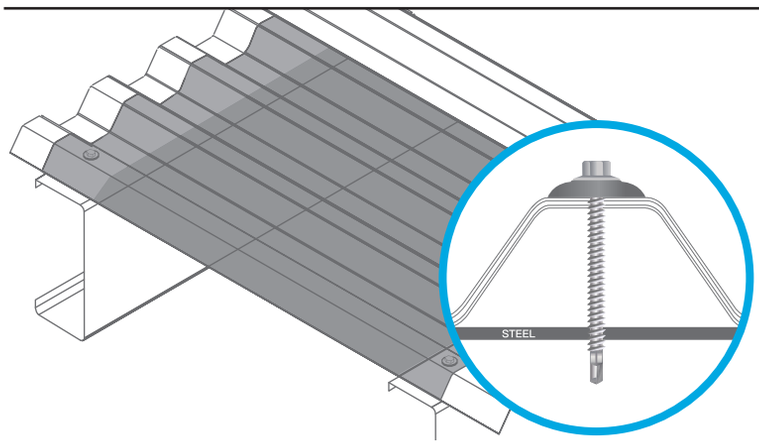


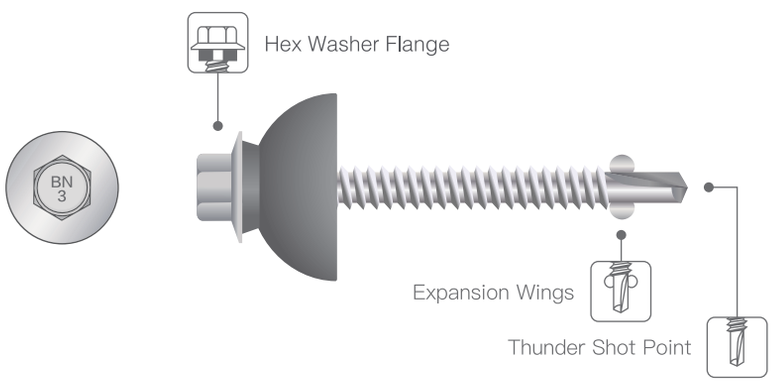
www.bdnfasteners.com

POLYXPAND™

Plastic Skylight Fixing Fasteners

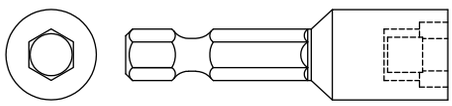
Carbon steel fasteners which creates a thermal expansion hole on plastic skylight sheets and fix onto steel substrates in one-go.





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

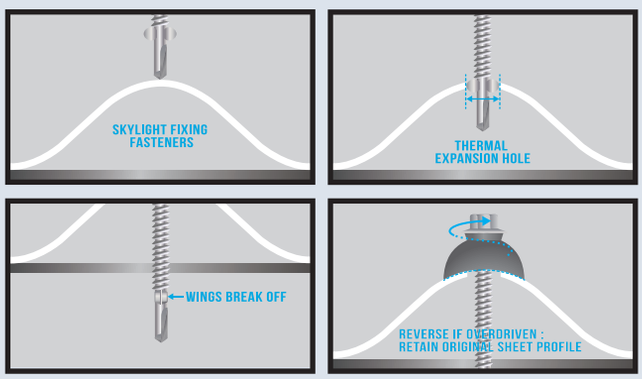
Ø 25mm Dome Grey EPDM



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



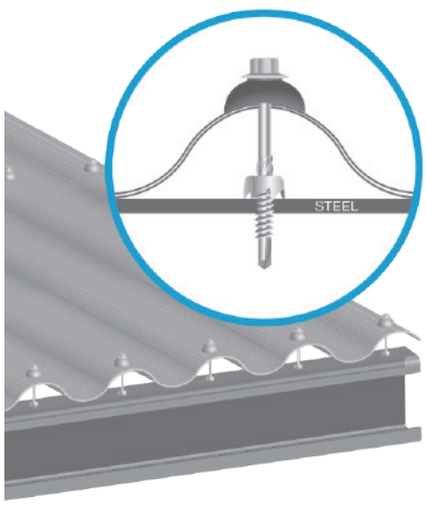
www.bdnfasteners.com

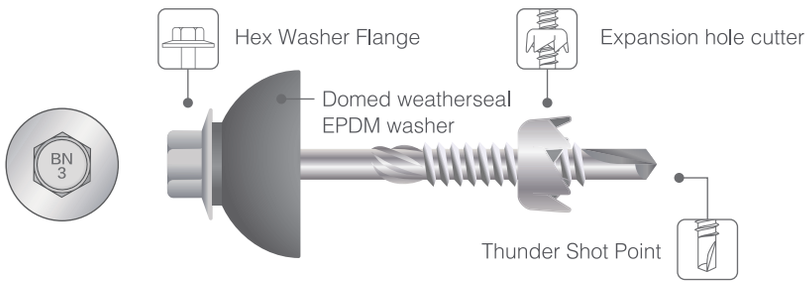
POLY-FAST™

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)





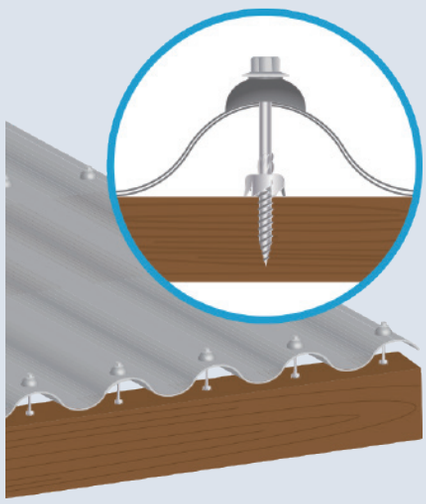
STEEL PENETRATION
Suitable for 0.75 to 4.5mm

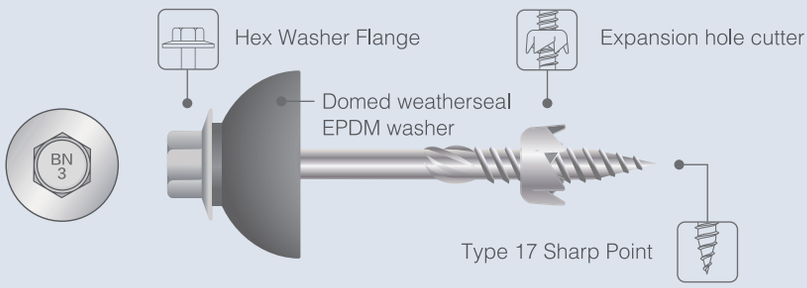
PART NUMBER
SDHXPS12060C3 12-14 x 60mm

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



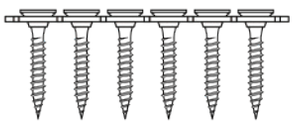
www.bdnfasteners.com

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

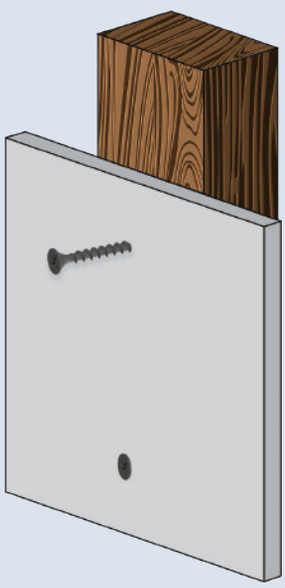
#6 x 1″ (M3.5 x 25mm)
#6 x 1-1/4″ (M3.5 x 32mm)

DESCRIPTION

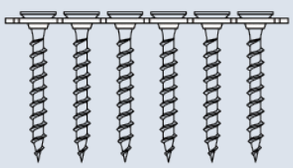
Collated Bugle Head Drywall Screw,
Fine Thread, Black Phosphate

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

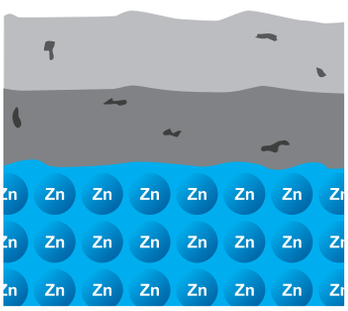
BOX QUANTITY

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

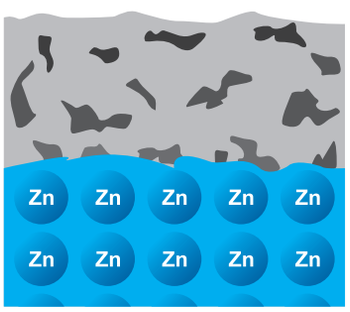
*For size not indicated below, please contact for further information

Test Certificates - Surface Treatment

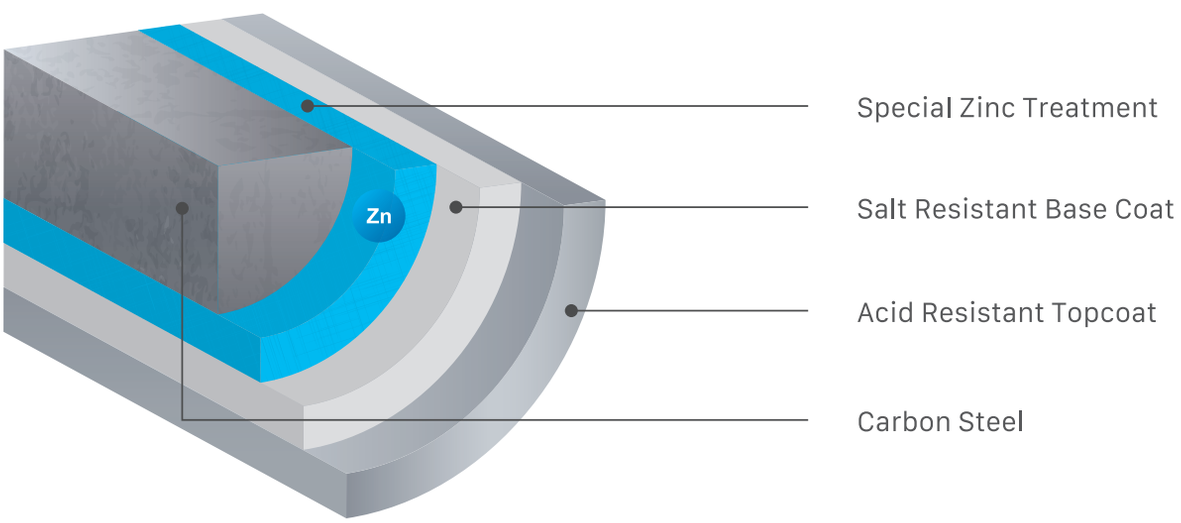
BDN® Ruspert Coating consists of multiple layers of specially formulated coatings fhat can easily withstand 1000hrs of salt spray test (AS 2331.3.1-2001), and 15 Kesternich cycles (DIN50018 2.0 SFW).



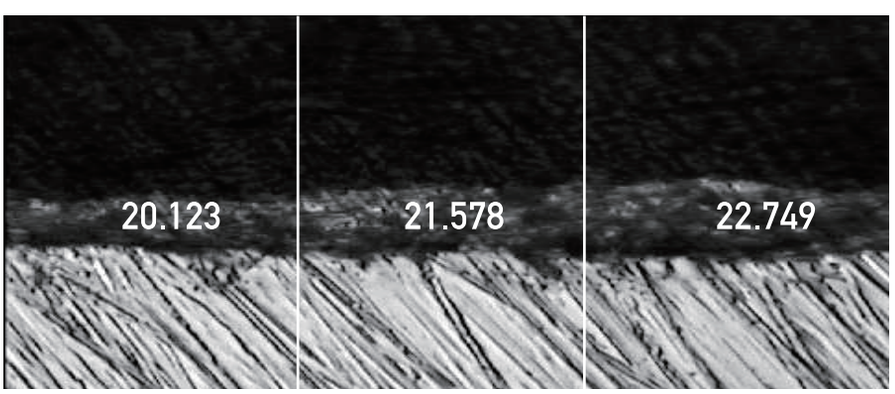
BDN® Ruspert Coating



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)	Inside Diameter (mm)	Thickness (mm)
9.6	4.9	2.6



Fastener Gauge: #12		
Outside Diameter (mm)	Inside Diameter (mm)	Thickness (mm)
11.1	6.7	2.6



Fastener Gauge: #14		
Outside Diameter (mm)	Inside Diameter (mm)	Thickness (mm)
11.1	7.5	2.6

Eco-BDN Green Washer



BDN FASTENERS, quarantee 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-condutive
	Volume Resistivity(Ω-cm)	-	Non-condutive

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.



GCL INTERNATIONAL

Certificate of Registration

This is to certify that the

QUALITY MANAGEMENT SYSTEM

of

Broaden Worldwide Co., Ltd.

NO. 47-37, Jiahua Rd., Gangshan Dist., Kaohsiung City, TAIWAN, R.O.C.
No. 11-42, Xinzhuang Rd., Gangshan Dist., Kaohsiung City, TAIWAN, R.O.C.

for

Manufacture and Trading of Metal Products (Hardware Parts, Screws, Fasteners, Steel)

has been assessed and registered against the provisions of

ISO 9001:2015

International Standard

with

Registration Number:	56Q22310	Cycle Start Date:	2 August 2023
Project:	12-22310-1-Q	Approval Date:	2 August 2023
		Issue Date:	2 August 2023
Certification Approved By:		Expiry Date:	2 August 2026
Doug Page-Symonds			
Chief Executive Officer			

IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT

UKAS MANAGEMENT SYSTEMS 5965

This certificate remains the property of GCL International Ltd. Registration is subject to the Scheme Rules which are published at www.gcl-intl.com. Any misuse, alteration, forgery or falsification is an unlawful act. Please validate the authenticity of this certificate by visiting www.gcl-intl.com or email to certification@gcl-intl.com

GCL INTERNATIONAL LTD
Level 1, Devonshire House, One Mayfair Place, London, W1J 8AJ, United Kingdom.

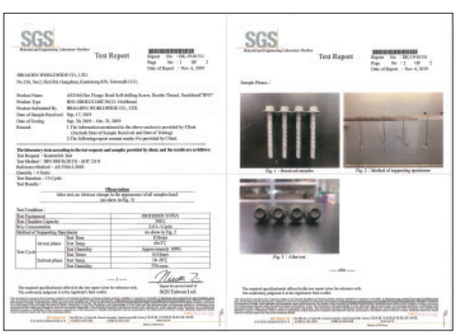
S/N: 80027281
PIN: 80737584

dun & bradstreet

D-U-N-S® CERTIFIED

Click here to view the online D-U-N-S® Certified Profile

Number: 65-676-1397





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

BDN FASTENERS

Certified Product™
Australian Standard

PRE-PRODUCTION INSPECTION
Drawing Check
Specific Conditions Check

HEADING / THREADING / PINCH POINTING
Machinery Condition Check
Molds and Dies Inspection and Setup

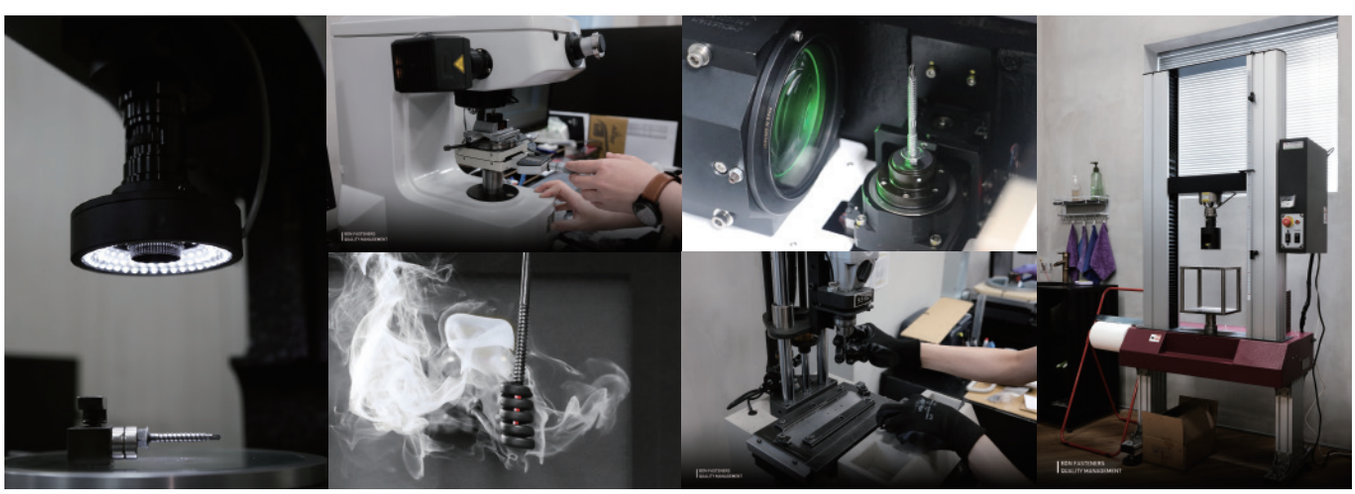
HEAT TREATMENT
Strictly controlled process
Fully equipped with well maintained case depth and hardness testers

SURFACE TREATMENT
Well equipped with salt-spray and corrosion test machinery

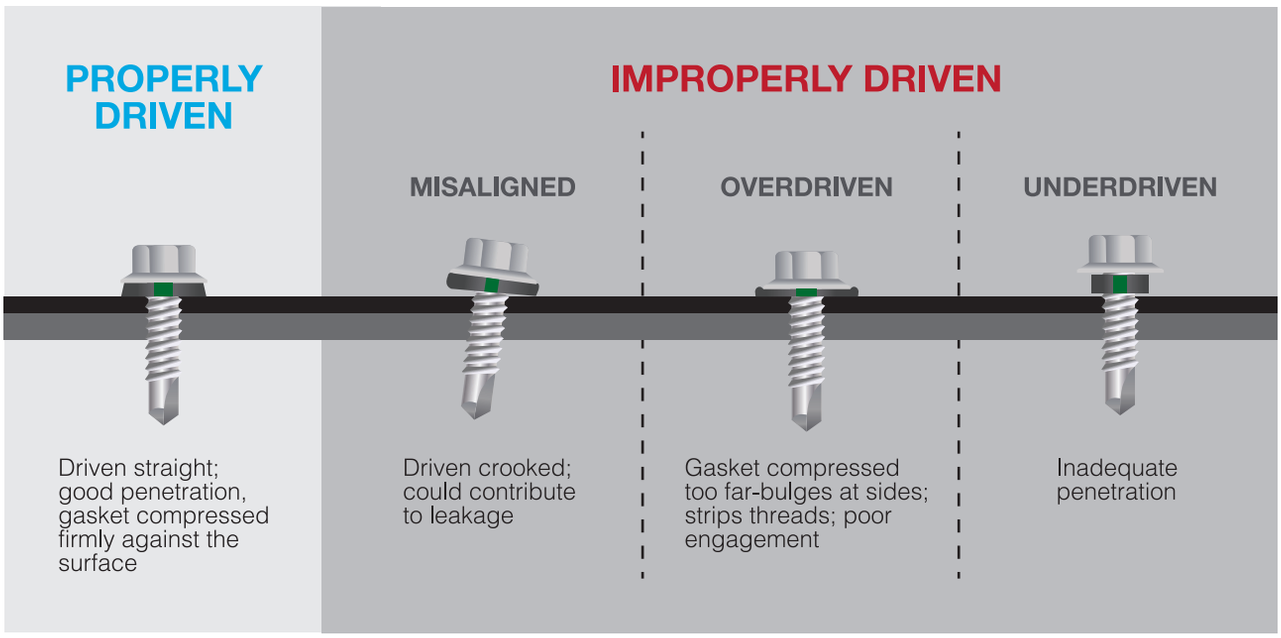
PRE-SHIPMENT INSPECTION
Manual Sorting and Rearrangement
Optical Sorting (Optional)

FINAL INSPECTION
Dimension
Functionality
Aesthetics

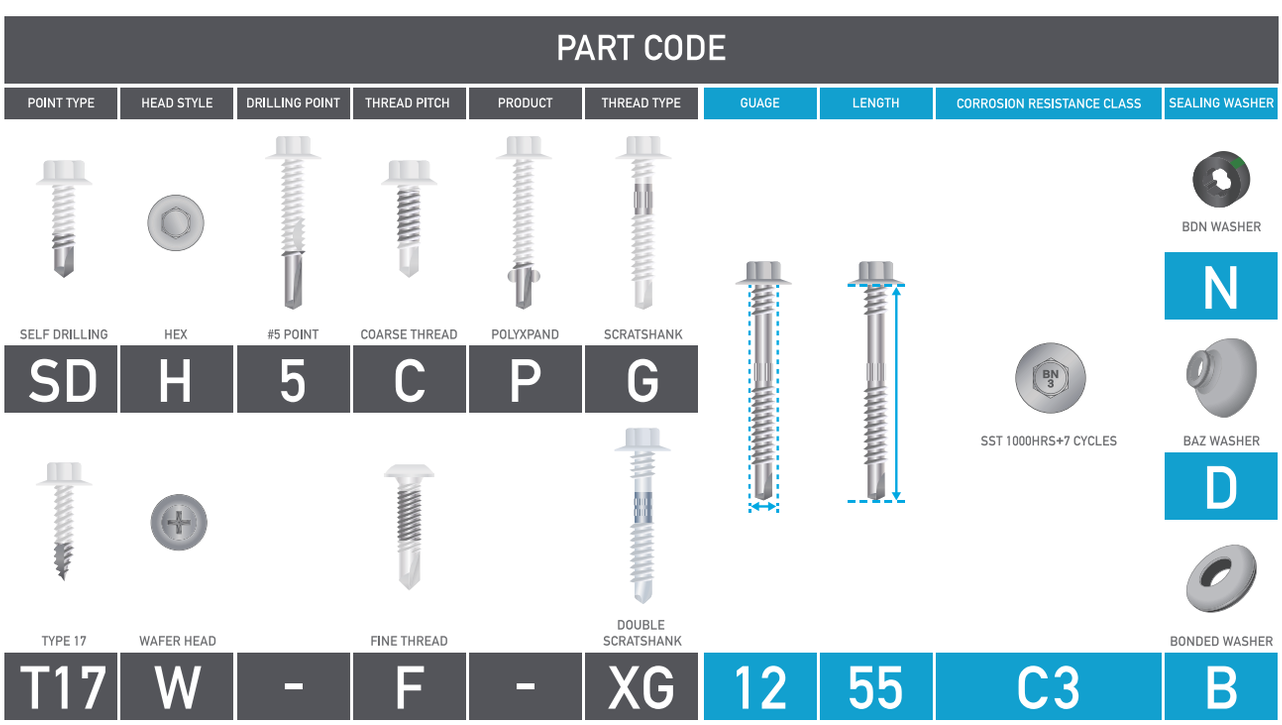
PRE-SHIPMENT SAMPLES SENT UPON REQUEST



Screw Installation



Screw Description



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!

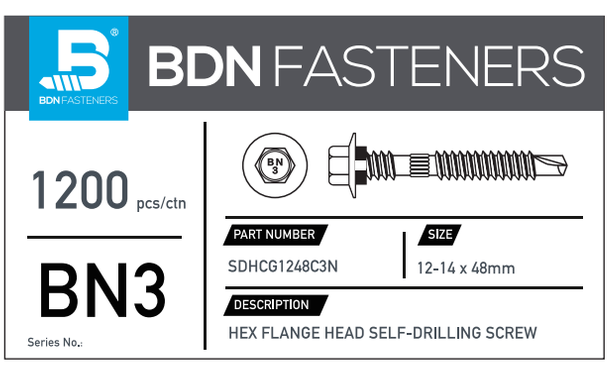


Size: 270 x 390 x 200 mm

Product Label

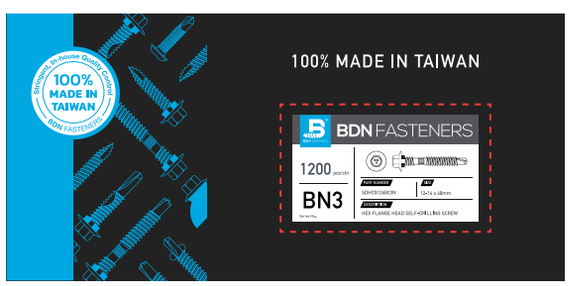
BDN Fasteners® come with large, easy to read product labels. Each product has its own unique label showing the product category, packaged quantities, size, part no., color, and description.

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.



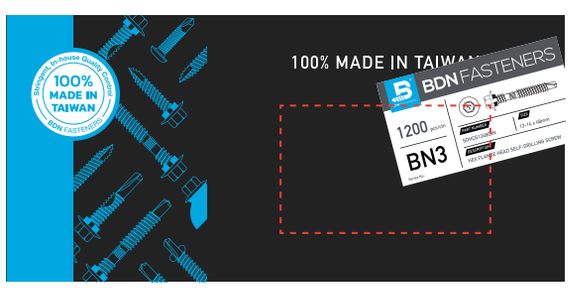
Size: 140 x 80 mm

CORRECT



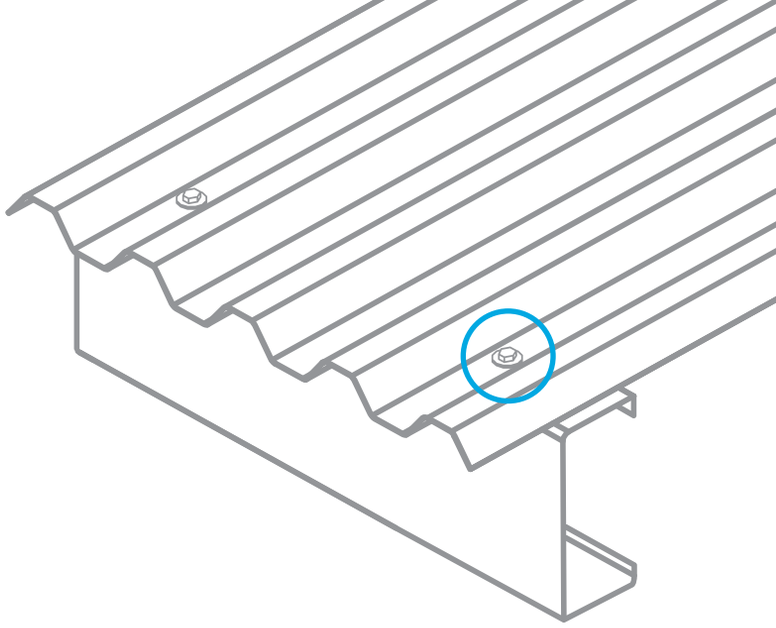
All **BDN Fasteners®** product labels must be placed at the designated area on the carton as stated below.

DO NOT!

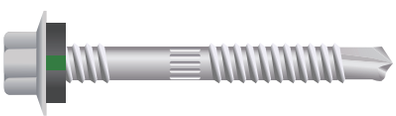


BDN Fasteners® product labels are always placed at the center of the box.

Pullout Values

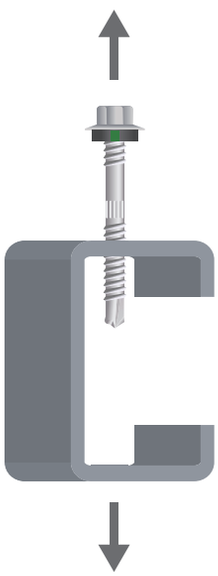


BDN FASTENERS into Steel



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)

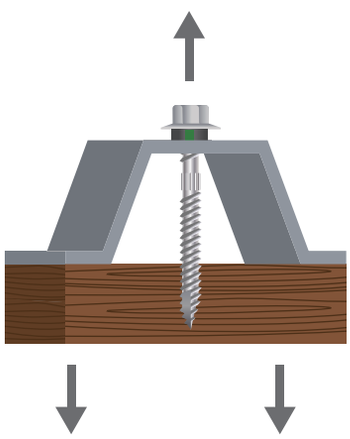


BDN FASTENERS into Timber, Lightweight Battens & Steel



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

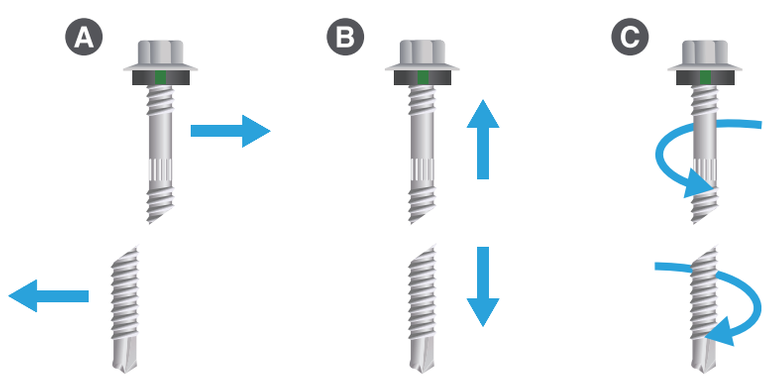
BDN FASTENERS

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





NOTE

BDN Fasteners® HEADQUARTER (TAIWAN)
Broaden Worldwide Co., Ltd.
NO. 47-37, Jiahua Rd., Gangshan Dist., Kaohsiung City 820104,Taiwan (R.O.C)
TEL：+886-7-6282702 | FAX：+886-7-6282601
E-Mail：info@bdnfasteners.com

BDN FASTENERS

NOTE

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BDN FASTENERS

BDN FASTENERS





HEADQUARTER - TAIWAN

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

T +886 7-6282702 | **F** +886 7-6282601 | **E** info@bdnfasteners.com

www.bdnfasteners.com