



EC FASTENER
Since 2001

EC International EC Fastener Corporation Product Catalog



Lean Manufacturing
Fastener Innovation
Sustainability

GLOBAL SERVICE NETWORK



*We Serve Global DIY Hardware Retailers &
Professional Fastener Specialists Worldwide*



www.ecindustry.com





Head Forming & Thread Rolling



Type 17 Slot Forming



Drilling Point Forming



Ultra Long Thread Forming (100mm-400mm)



Coil and Wire Area

EC Quality Control



ISO9001



ISO28000



IATF16949



CNAS



Optical 100% Inspection Center



Projector



Coating Thickness and Composition Tester



Material Inspection



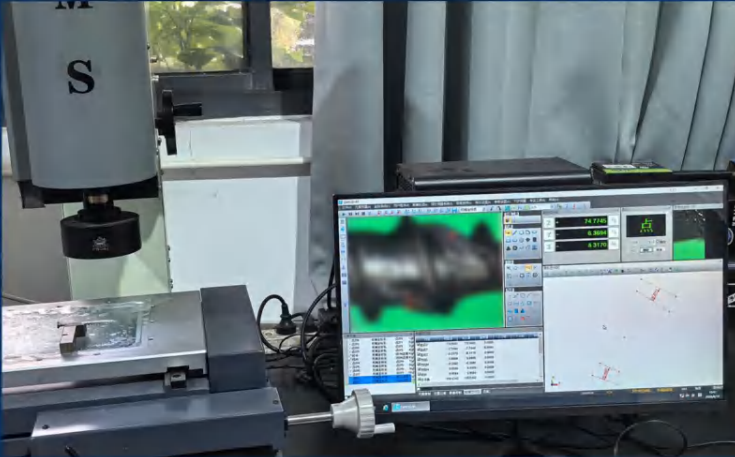
Process Inspection



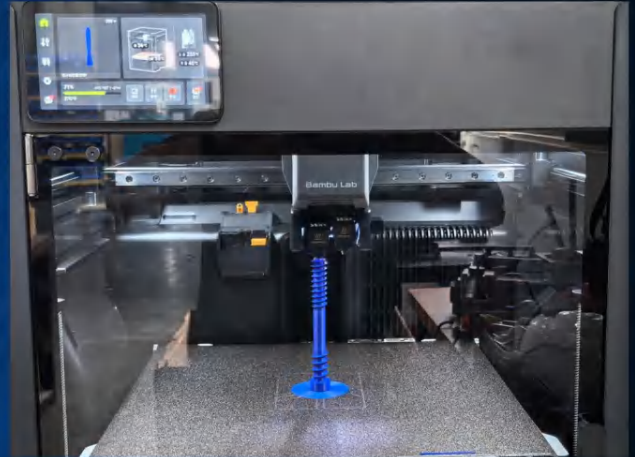
Recess Inspection



Screw Design

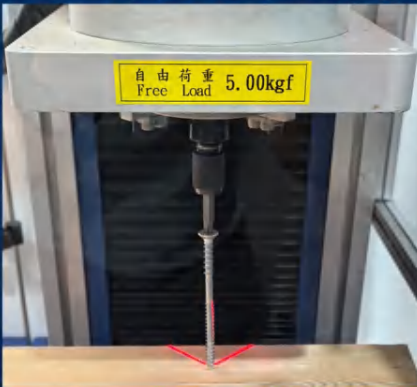


2.5D Optical Metrology



3D Printing Sampling

Benchmark Testing



Insert Torque



Drilling Performance

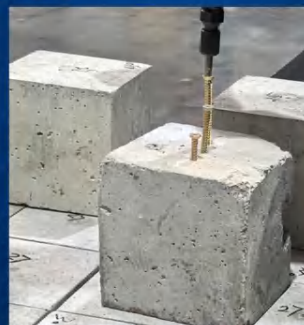
Functional Simulation Test



Hard Wood Testing



Composite Wood Testing



Cement Test Block Testing



Various Testing Materials

SUSTAINABILITY



GB/T23331

WT
萬泰認證

COPY

Energy Management System Certificate

This is to certify that the Management System established by EC Precision Technology (Jiangsu) Corporation
Registered Address: No. 1918, Taping North Road, Chongchuan District, Nanjing City, Jiangsu Province, P. R. China
Unified Social Credit Code: 91320600561789195R
has been assessed to comply with the requirements of the standard GB/T23331-2020/ISO50001:2018: RB/T19-2015

Scope of certification
Energy management involved in the production of precision metal components.

The Certificate information can be queried on the official website of CNCA: www.cnca.gov.cn.
After the certificate is issued, it will be valid for one year. The certificate holder must undergo a surveillance audit by the certification body within the validity period of the certificate. If the certificate holder fails to pass the surveillance audit, the certificate will be suspended or withdrawn.
The certificate holder must maintain the management system and ensure its continuous effectiveness after the certificate is issued. When the scope of certification involves a significant change, the certificate holder must apply for a modification of the certificate. If the certificate holder fails to pass the modification audit, the certificate will be suspended or withdrawn.
If the certificate holder fails to pass the annual audit, the certificate will be suspended or withdrawn.
The certificate holder must ensure the certificate is used in accordance with the requirements of the standard. If the certificate holder fails to do so, the certificate will be suspended or withdrawn.
The certificate holder must ensure the certificate is used in accordance with the requirements of the standard. If the certificate holder fails to do so, the certificate will be suspended or withdrawn.

Valid until: 2024/06/30
Valid from: 2023/07/01

General Manager: Wang Jiankang

Signature: _____
Date: 2023/07/01

During the validity period of the certificate, a surveillance audit will be conducted at least once a year, and the interval between the two audits shall not exceed 12 months.
The certificate holder must ensure the certificate is used in accordance with the requirements of the standard. If the certificate holder fails to do so, the certificate will be suspended or withdrawn.
When the scope of certification involves a significant change, the certificate holder must apply for a modification of the certificate. If the certificate holder fails to pass the modification audit, the certificate will be suspended or withdrawn.
If the certificate holder fails to pass the annual audit, the certificate will be suspended or withdrawn.
The certificate holder must ensure the certificate is used in accordance with the requirements of the standard. If the certificate holder fails to do so, the certificate will be suspended or withdrawn.

10.5% Yearly Factory Carbon Reduction Since 2022



ECO FRIENDLY PRODUCTION



China Green Factory



Eco-Friendly Cardboard Boxes



Eco-Friendly Recyclable Plastic



탄소국경조정제도

SINIRDA KARBON DÜZENLEME MEKANİZMASI کاربن بارڈر ایڈجسٹمنٹ میکانزم

МЕХАНІЗМ ВУГЛЕЦЕВОГО КОРИГУВАННЯ ІМПОРТУ

MECANISMO DE AJUSTE EN FRONTERA POR CARBONO

कार्बन सीमा समायोजन तंत्र
MÉCANISME D'AJUSTEMENT CARBONE AUX FRONTIÈRES

CBAM MECANISMO DE AJUSTAMENTO CARBÓNICO FRONTEIRIÇO

炭素国境調整措置

MEKANISME PENYESUAIAN BATAS KARBON الآلية الحدودية لضبط الكربون

ISIXHOBO SOKUHLENGHLENGISA UMDA WE-KHABON

碳边境调节机制

Dedicated CBAM Team

www.ecindustry.com



DIAMOND POINT CRACK - PROOF DECKING SCREW



Designed for Hard Wood & Split - Prone Wood



*Premium
Engagement*



Torx Plus

Strong Clamping Effect



*Cylindrical Head For
Clean Surface*

X2
Efficiency
**NEAT
FINISH**



Ultra Fast



Zero Predrilling



Crack-Proof

*Suitable for
Multiple Timber
Materials*



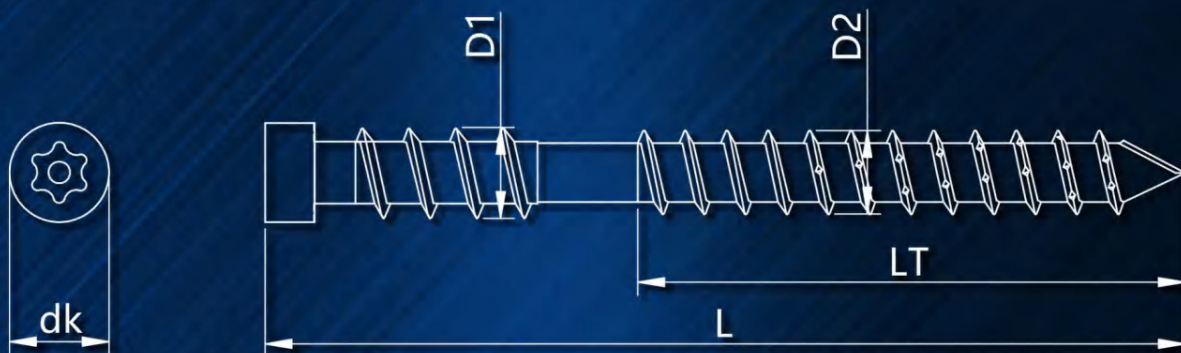
*Hard Wood
800kg/m3 MAX*



*Pine Wood
400kg/m3 MAX*

www.ecindustry.com





Geometric Properties

Nominal Ø [mm]	Drive	dk	D1	D2	LT	L
5.0	TX20	6.2	5.4	5.0	18.0	50.0
					28.0	60.0
5.7	TX25	6.9	6.1	5.7	38.0	65.0
					43.0	75.0

Size	Length	Head	Drive	Material	Finish
5.0mm 10G	50mm	Cylindrical	Torx T20	Carbon Steel / Stainless Steel	RXB Coating / Passivated / Baked Bronze
5.0mm 10G	60mm	Cylindrical	Torx T20	Carbon Steel / Stainless Steel	RXB Coating / Passivated / Baked Bronze
5.0mm 10G	65mm	Cylindrical	Torx T20	Carbon Steel / Stainless Steel	RXB Coating / Passivated / Baked Bronze
5.0mm 10G	75mm	Cylindrical	Torx T20	Carbon Steel / Stainless Steel	RXB Coating / Passivated / Baked Bronze
5.7mm 12G	50mm	Cylindrical	Torx T25	Carbon Steel / Stainless Steel	RXB Coating / Passivated / Baked Bronze
5.7mm 12G	65mm	Cylindrical	Torx T25	Carbon Steel / Stainless Steel	RXB Coating / Passivated / Baked Bronze
5.7mm 12G	75mm	Cylindrical	Torx T25	Carbon Steel / Stainless Steel	RXB Coating / Passivated / Baked Bronze

SONIC DECK SCREW



Twin -Threads Design Delivers Unprecedented Penetration Efficiency

*Upper Threads Lock
The Deck and Timber Block*

Prevents Splitting

X2
Speedy
ZERO
PREDRILLING



*Twin Cutting Threads
Less Entry Force*

*Suitable for
Multiple Timber
Materials*



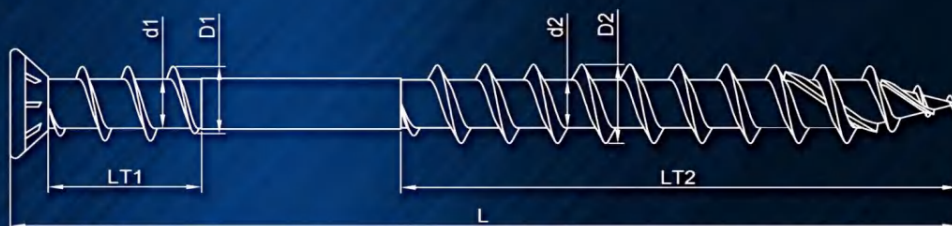
Hard Wood
800kg/m³ MAX



Pine Wood
400kg/m³ MAX

www.ecindustry.com





Geometric Properties

Nominal Ø [mm]	Drive	dk	D1	d1	D2	d2	LT1	LT2	L
6.5	TX20	Ø 8.00	Ø 5.00	Ø 3.60	Ø 5.00	Ø 3.40	10.0	32.0	50.0
								40.0	60.0
								50.0	75.0

Size	Length	Head	Drive	Material	Finish	Thread Feature	Slot & Tip
4.8mm 10G	60mm	Countersunk	Torx T20	SS 304 / 316	Passivated & Wax / Baked Bronze / Black Dacromet	Double Locking Thread	Turbo Cut Tip
4.8mm 10G	65mm	Countersunk	Torx T20	SS 304 / 316	Passivated & Wax / Baked Bronze / Black Dacromet	Double Locking Thread	Turbo Cut Tip
4.8mm 10G	75mm	Countersunk	Torx T20	SS 304 / 316	Passivated & Wax / Baked Bronze / Black Dacromet	Double Locking Thread	Turbo Cut Tip
5.5mm 12G	65mm	Countersunk	Torx T25	SS 304 / 316	Passivated & Wax / Baked Bronze / Black Dacromet	Double Locking Thread	Turbo Cut Tip
5.5mm 12G	75mm	Countersunk	Torx T25	SS 304 / 316	Passivated & Wax / Baked Bronze / Black Dacromet	Double Locking Thread	Turbo Cut Tip
5.5mm 12G	90mm	Countersunk	Torx T25	SS 304 / 316	Passivated & Wax / Baked Bronze / Black Dacromet	Double Locking Thread	Turbo Cut Tip

BUGLE HEAD BOARDWALK DECK SCREW



*Sinks Fully into Timber
No Extra Sanding Required*

*High Torque Drive
Ensures Slip Resistancy*



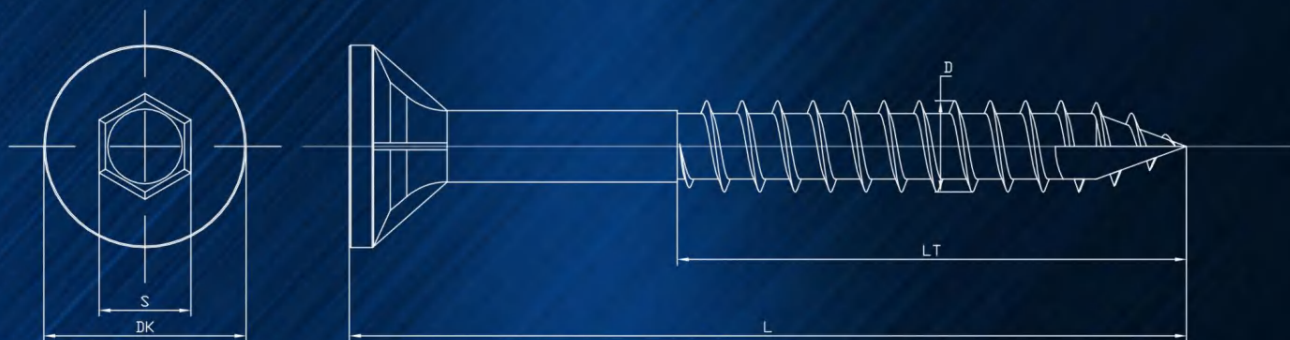
*Type17 cut
Eliminates Pre-Drilling &
Prevents Hardwood Splitting*



Premium Stainless Steel Passivated & Wax

www.ecindustry.com





Stainless Steel | For Corrosional Coastal Environment



Size	Length	Head	Drive	Material	Finish	Thread Feature	Slot & Tip
14-10x50	50mm	Bugle Head	Internal Hex	SS 304 /316	Passivated & Wax	Full Threads To Tip	Type 17
14-10x65	65mm	Bugle Head	Internal Hex	SS 304 /316	Passivated & Wax	Full Threads To Tip	Type 17
14-10x75	75mm	Bugle Head	Internal Hex	SS 304 /316	Passivated & Wax	Full Threads To Tip	Type 17
14-10x85	85mm	Bugle Head	Internal Hex	SS 304 /316	Passivated & Wax	Full Threads To Tip	Type 17
14-10x100	100mm	Bugle Head	Internal Hex	SS 304 /316	Passivated & Wax	Full Threads To Tip	Type 17
14-10x125	125mm	Bugle Head	Internal Hex	SS 304 /316	Passivated & Wax	Full Threads To Tip	Type 17
14-10x150	150mm	Bugle Head	Internal Hex	SS 304 /316	Passivated & Wax	Full Threads To Tip	Type 17

PREMIUM PYRAMID SCREWS



For Quick Outdoor Deck Installation

Upper Threads Lock
The Deck and Timber

X2
Speedy
ZERO
PREDRILLING



Special Pyramid-cut Thread Design
Low Driving Torque
No Wood Splitting

Suitable for
Multiple Timber
Materials



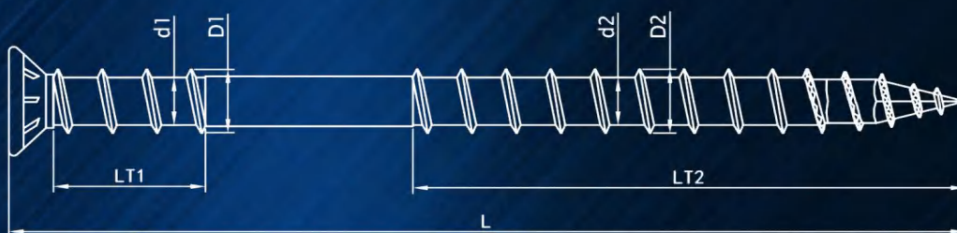
Hard Wood
800kg/m³ MAX



Pine Wood
400kg/m³ MAX

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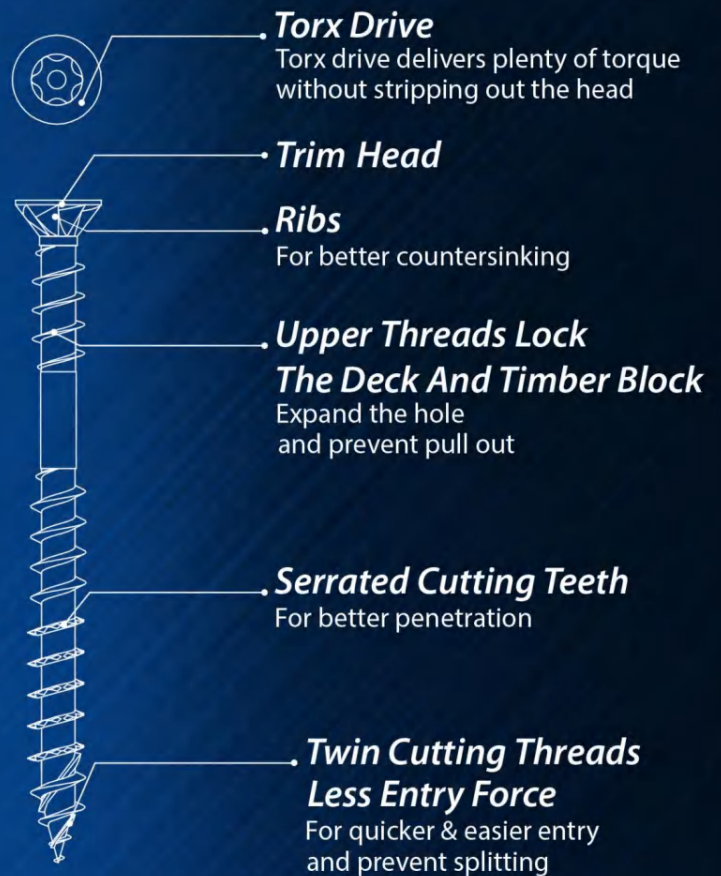
Mechanical Properties	Tensile Rm [Mpa]	≥700
	Yield Rp0.2 [Mpa]	≥500
	Shear τ [KN]	1.2
	Surface Hardness [HV]	/
	Core Hardness [HV]	≥240
	Torque [N·m]	≥5.6
	Bending [°]	≥45°



Geometric Properties									
NominalØ [mm]	Drive	dk	D1	d1	D2	d2	LT1	LT2	L
6.5	TX20	Ø 7.90~8.20	Ø 5.00~5.30	Ø 3.50~3.70	Ø 5.00~5.30	Ø 3.30~3.50	10.0	32.0	50.0
								40.0	60.0
								50.0	75.0
Material	Stainless Steel								
Coating	Passivation								

Size	Length	Head	Drive	Material	Finish	Thread Feature
10G	50	Countersunk	Torx	SS316	Clean+Passivated	Pyramid Thread
10G	65	Countersunk	Torx	SS316	Clean+Passivated	Pyramid Thread
10G	75	Countersunk	Torx	SS316	Clean+Passivated	Pyramid Thread

TRIM HEAD DECK SCREW



Diameter Gauge	Length	Head	Drive	Material	Finish	Thread Feature
4.8mm 10G	60mm	Trim	Torx T20	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Double Locking Thread
4.8mm 10G	65mm	Trim	Torx T20	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Double Locking Thread
4.8mm 10G	75mm	Trim	Torx T20	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Double Locking Thread
5.5mm 12G	65mm	Trim	Torx T25	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Double Locking Thread
5.5mm 12G	75mm	Trim	Torx T25	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Double Locking Thread
5.5mm 12G	90mm	Trim	Torx T25	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Double Locking Thread
5.5mm 12G	100mm	Trim	Torx T25	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Double Locking Thread
5.5mm 12G	120mm	Trim	Torx T25	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Double Locking Thread





Torx Drive

Torx drive delivers plenty of torque without stripping out the head



Cylindrical Head

Upper Threads Lock The Deck And Timber Block

Expand the hole and prevent pull out

Serrated Cutting Teeth

For better penetration

Twin Cutting Threads

For quicker & easier entry and prevent splitting



Diameter Gauge	Length	Head	Drive	Material	Finish	Thread Feature
4.8mm 10G	60mm	Cylindrical	Torx T20	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Double Locking Thread
4.8mm 10G	65mm	Cylindrical	Torx T20	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Double Locking Thread
4.8mm 10G	75mm	Cylindrical	Torx T20	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Double Locking Thread
5.5mm 12G	65mm	Cylindrical	Torx T25	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Double Locking Thread
5.5mm 12G	75mm	Cylindrical	Torx T25	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Double Locking Thread
5.5mm 12G	90mm	Cylindrical	Torx T25	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Double Locking Thread
5.5mm 12G	100mm	Cylindrical	Torx T25	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Double Locking Thread
5.5mm 12G	120mm	Cylindrical	Torx T25	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Double Locking Thread

ENHANCED COUNTERSUNK/OVAL DECK SCREW



Countersunk Head
Ribs
For better countersinking



Square Thread



Torx Drive

Torx drive delivers plenty of torque without stripping out the head



Oval Head

Ribs

For better countersinking

Double Locking Reverse Thread

Expand the hole and prevent pull out

Serrated Cutting Teeth
For better penetration

Double Type 17 Slot Auger Point

For quicker & easier entry and prevent splitting

Diameter Gauge	Length	Head	Drive	Material	Finish	Thread Feature
4.2mm 8G	50mm	Countersunk / Oval	Torx T25	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Speedy Square Thread
4.2mm 8G	65mm	Countersunk / Oval	Torx T25	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Speedy Square Thread
4.8mm 10G	60mm	Countersunk / Oval	Torx T25	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Speedy Square Thread
4.8mm 10G	65mm	Countersunk / Oval	Torx T25	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Speedy Square Thread
4.8mm 10G	75mm	Countersunk / Oval	Torx T25	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Speedy Square Thread
5.5mm 12G	75mm	Countersunk / Oval	Torx T25	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Speedy Square Thread
5.5mm 12G	90mm	Countersunk / Oval	Torx T25	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Speedy Square Thread
5.5mm 12G	100mm	Countersunk / Oval	Torx T25	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Speedy Square Thread
5.5mm 12G	120mm	Countersunk / Oval	Torx T25	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Speedy Square Thread

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TIMBER SCREW HEX WASHER HEAD



Hex Washer Head

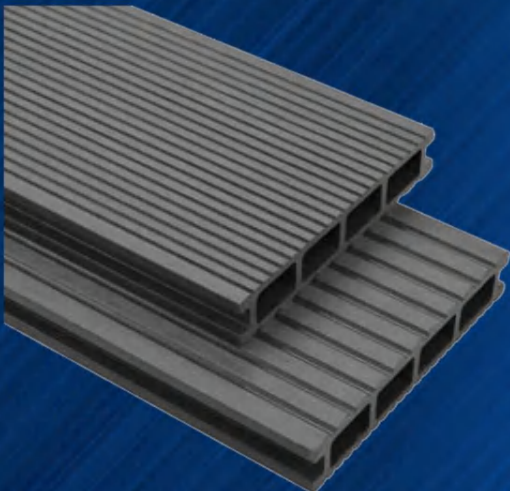


Single Type 17 Slot Auger Point
For quicker & easier entry and prevent splitting

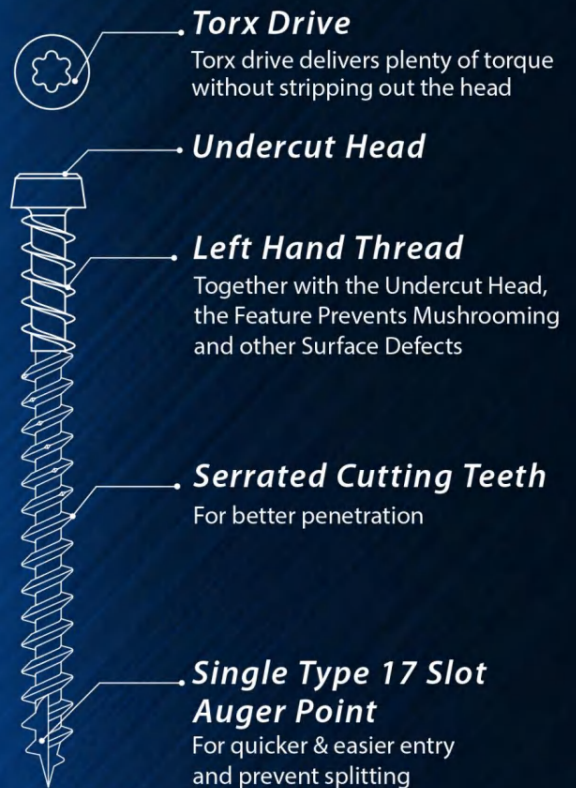


Diameter Gauge	Length	Head	Drive	Material	Finish
5.5mm 12G	25mm	Hex Washer	Hex	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
5.5mm 12G	35mm	Hex Washer	Hex	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
5.5mm 12G	50mm	Hex Washer	Hex	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
5.5mm 12G	65mm	Hex Washer	Hex	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
5.5mm 12G	75mm	Hex Washer	Hex	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
6.3mm 14G	25mm	Hex Washer	Hex	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
6.3mm 14G	35mm	Hex Washer	Hex	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
6.3mm 14G	50mm	Hex Washer	Hex	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
6.3mm 14G	65mm	Hex Washer	Hex	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
6.3mm 14G	75mm	Hex Washer	Hex	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
6.3mm 14G	90mm	Hex Washer	Hex	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
6.3mm 14G	100mm	Hex Washer	Hex	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
6.3mm 14G	125mm	Hex Washer	Hex	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze

COMPOSITE DECK SCREW



Painted Head to Match
the Composite Deck Color



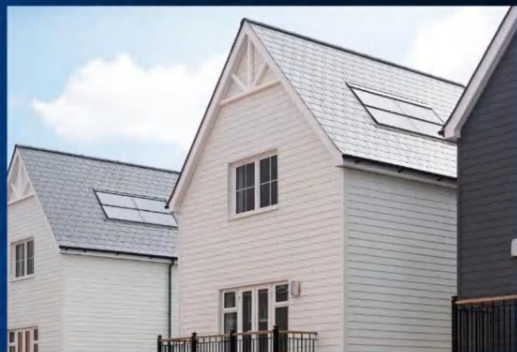
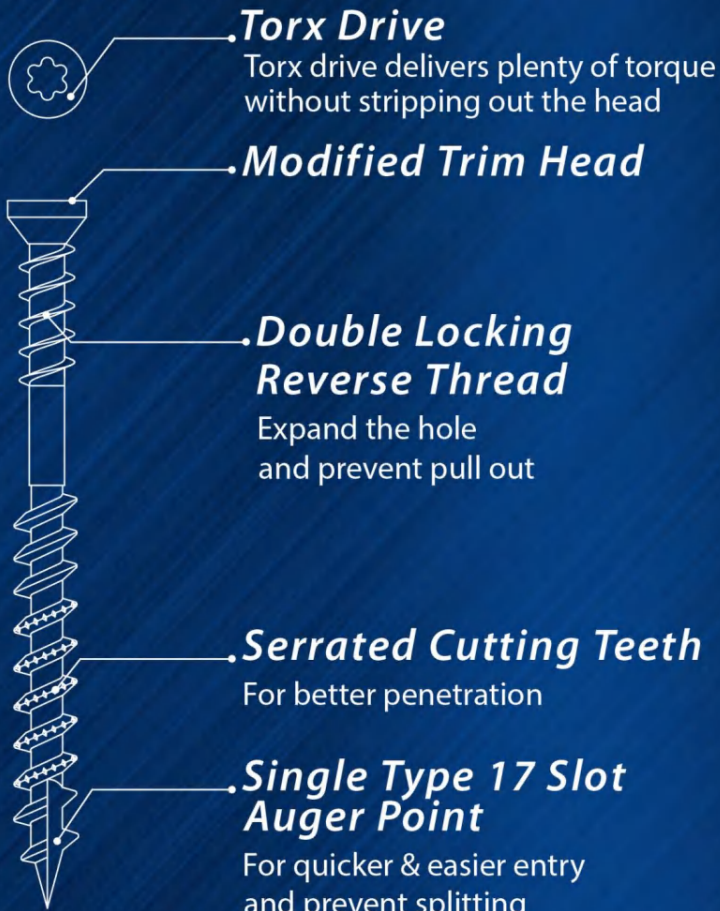
Trilobe Thread



Size	Length	Head	Drive	Material	Finish	Thread Feature
4.8mm 10G	65mm	Cylinder	Torx T25	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Left Hand Thread & Trilobe Thread
4.8mm 10G	75mm	Cylinder	Torx T25	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Left Hand Thread & Trilobe Thread



WEATHERBOARD SCREW



Diameter Gauge	Length	Head	Drive	Material	Finish	Thread Feature
4.2mm 8G	65mm	Modified Trim	Torx T15	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Double Locking Reverse Thread
4.2mm 8G	75mm	Modified Trim	Torx T15	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Double Locking Reverse Thread
4.2mm 8G	90mm	Modified Trim	Torx T15	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Double Locking Reverse Thread

MULTI PURPOSE SCREW SQUARE DRIVE



Square Drive

Square drive delivers plenty of torque
Without stripping out the head



Countersunk Head

Ribs

For better countersinking



Needle Point

For quicker & easier entry

Diameter Gauge	Length	Head	Drive	Material	Finish
4.2mm 8G	20mm	Countersunk	Square #2	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
4.2mm 8G	25mm	Countersunk	Square #2	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
4.2mm 8G	28mm	Countersunk	Square #2	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
4.2mm 8G	32mm	Countersunk	Square #2	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
4.2mm 8G	40mm	Countersunk	Square #2	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
4.2mm 8G	45mm	Countersunk	Square #2	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
4.2mm 8G	50mm	Countersunk	Square #2	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
4.2mm 8G	65mm	Countersunk	Square #2	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
4.8mm 10G	40mm	Countersunk	Square #2	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
4.8mm 10G	50mm	Countersunk	Square #2	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
4.8mm 10G	65mm	Countersunk	Square #2	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
4.8mm 10G	75mm	Countersunk	Square #2	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
4.8mm 10G	90mm	Countersunk	Square #2	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
4.8mm 10G	100mm	Countersunk	Square #2	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
5.5mm 12G	50mm	Countersunk	Square #3	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
5.5mm 12G	65mm	Countersunk	Square #3	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze
5.5mm 12G	75mm	Countersunk	Square #3	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze



MULTI PURPOSE SCREW SQUARE PHILIP COMBO DRIVE



- Ribs**
Seat screw into material smoothly and firmly
- Sharp Threads**
Destroy wood chips efficiently, reducing driving resistance.
- Thread Cutting**
Ensures wood chips removed quickly to prevent wood from cracking
- Sharp Point**
Easier start-up and less wobbling



A Unique Blend of Phillips Drive & Square Recess Drive

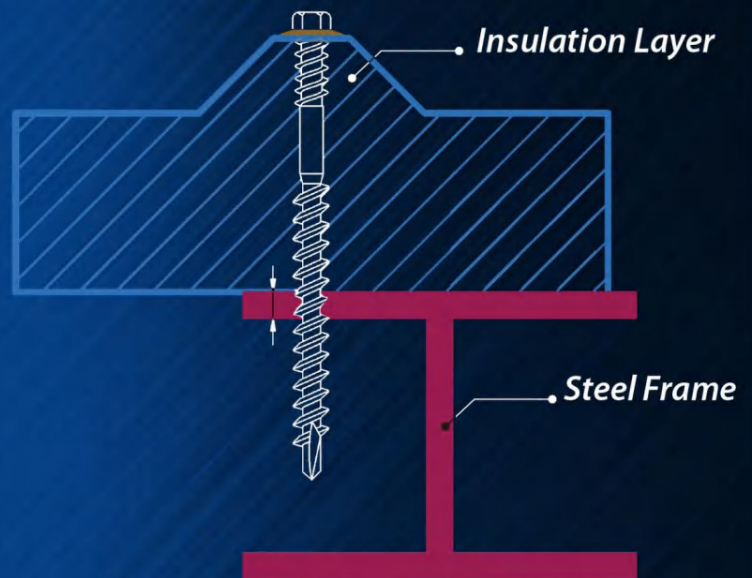
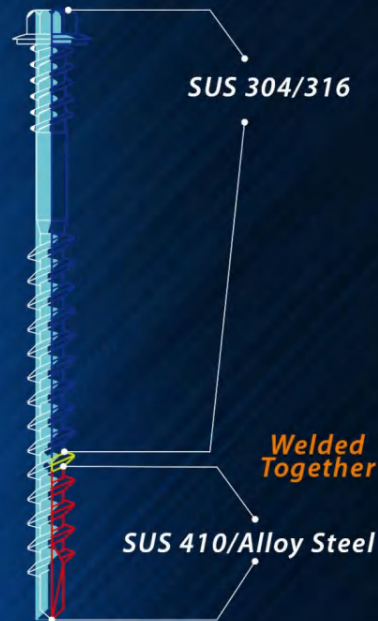
- > multi-drive system for field serviceability
- > providing a great deal of stability, less "cam-out"
- > balanced performance between torque transmission and off-angle capability
- > might be your best bet for woodworking

Diameter Gauge	Length(in)	Head	Drive	Material	Finish	Thread Feature
3.5mm 6G	1/2" - 2"	Countersunk / Oval / Pan	Square/Quadrex	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Wood Thread / Machine Thread
4.2mm 8G	1/2" - 3"	Countersunk / Oval / Pan	Square/Quadrex	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Wood Thread / Machine Thread
4.8mm 10G	3/4" - 4"	Countersunk / Oval / Pan	Square/Quadrex	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Wood Thread / Machine Thread
5.5mm 12G	3/4" - 5"	Countersunk / Oval / Pan	Square/Quadrex	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Wood Thread / Machine Thread
6.3mm 14G	1" - 5"	Countersunk / Oval / Pan	Square/Quadrex	Carbon Steel / Stainless Steel	RXB Coating Passivated / Baked Bronze	Wood Thread / Machine Thread

BI-METAL SCREWS



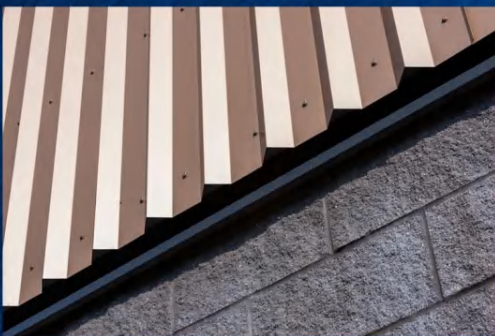
In House Eddy Current Machine is Used to Detect Loose Welding and Cracks on Every Bi-Metal Screws



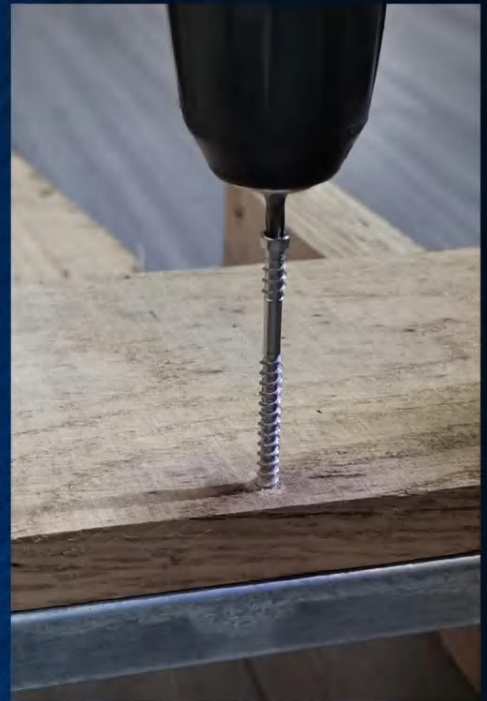
Material	Tensile Strength N/mm ²	Hardness/HV	Application Material	Material Thickness	Finish	Red Rust in Neutral Salt Spray Test	Corrosion Details	Application Circumstances	Construction Lifetime
Bi-Metal 316+410 RXB Coated	500-700	Surface: HV210-320 Core: HV190-280	Wood+Thick Construction Plastic Wood + Stainless Steel Chipboard + Carbon Steel/ Stainless Steel	Carbon Steel Plate < 6mm or Stainless Steel Plate < 4mm	RXB Coating	2000 Hrs	Difficult to Corrode, With Protective Film Once Oxidized	Neutral Indoor ✓ Exposed Outdoor ✓ Corrosive Outdoor ✓ Coastal Indoor ✓ Coastal Outdoor ✓	Class 1, Endurance > 100 Years, Critical / High-Rise Construction



410 STAINLESS STEEL SCREW WITH EC'S RXB COATING



Color Steel Roof and Wall



Connecting Wood and Steel

Material	Tensile Strength N/mm ²	Hardness/HV	Application Material	Material Thickness	Finish	Red Rust In Neutral Salt Spray Test	Corrosion Details	Application Circumstances
Stainless Steel 410 RXB Coated	1400-1600	Surface: > HV560	Plastic + Carbon Steel / Stainless Steel Wood + Thick Construction Plastic Wood + Carbon Steel / Stainless Steel Chipboard + Carbon Steel / Stainless Steel Plastic + Aluminum / Stainless Steel	Carbon Steel Plate < 16mm or Stainless Steel Plate < 6mm	RXB Coating	2000 Hrs	Corrode Slowly, With Protective Film Once Oxidized	Neutral Indoor ✓ Exposed Outdoor ✓ Corrosive Outdoor ✓ Coastal Indoor ✓ Coastal Outdoor ✓



HAPPY WORK HAPPY TEAM





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