

20 Years Experience for Fasteners Exporting
Over 150 Customer's Trust from 50 Countries
100% High Quality and Trade Assurance



TIANYU

PRODUCT BROCHURE



Nanjing TianYu International Co., Ltd is a worldwide provider specializing in screws and nails manufacturing & trading for over 20 years.

Europe, South America, Mid East, Oceania, Eastern Asia, Africa, USA are our major markets and we are still trying to expand markets for bringing our high-quality products to every customer all over the world.

Our time-saving online shopping system ensures you get high-quality fasteners & tools quickly and easily. You can also finish business through the Alibaba platform with us for double insurance.

Integrity, passion, and hardworking spirit is the idea of our team that we have been following to give you the best purchasing experience. We are committed to providing high-quality products at the most competitive price & best service.

Every customer is precious to us and we would do our best to give you the consideration you deserve.

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Fuel cell series



Fuel cell for cordless nailer



FC165

- Drives 1100 -1300nails with a simple gas cell
- Working temperature: -15 °C - 50 °C
- Fits most brand of Gas concrete nailer
- Fits most brand of Gas framing nailer
- 40g/80ml



FC165B

- Drives 1100 -1300nails with a simple gas cell
- Working temperature: -15 °C - 50 °C
- Fits most brand of Gas nailers & Paslode CF325
- 2 valves (Old valve fit Paslode IM350, New valve fit Paslode CF325 Li)
- 40g/80ml



FC154

- Drives 1050-1250 nails with a simple gas cell
- Working temperature: -15 °C - 50 °C
- Fits most brand of Gas concrete nailer
- Fits SPIT PULSA P1000
- 37g/74ml



FC80

- Drives 1100 -1350nails with a simple gas cell
- Working temperature: -15 °C - 50 °C
- Fits most brand of Gas Brad nailer
- 26g/52ml

Packing available



Blister Pack



2pcs/Box, 3pcs/Box



20pcs/box



Showcase Pack

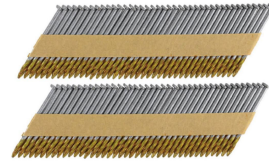


2000/2200pcs nails + 2 gas fuel cells
3000/3300pcs nails + 3 gas fuel cells

Collated Nails



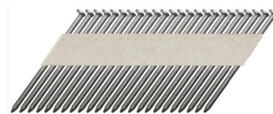
30°/34° Clipped D Head Framing Nails



Length (mm)	Diameter(mm)	Shank	Finish
50-60	2.87	Smooth/Ring/Screw	Bright/EG/ HDG
63-75	3.05	Smooth/Ring/Screw	Bright/EG/ HDG
63-90	3.33	Smooth/Ring/Screw	Bright/EG/ HDG

Material: Q235/45# Steel/Stainless steel 304/316

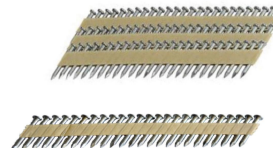
34° Offset Round Head Framing Nails



Length (mm)	Diameter(mm)	Shank	Finish
50-63	2.87	Smooth/Ring	Bright/EG/HDG
63-75	3.05	Smooth/Ring	Bright/EG/ HDG
75-83	3.33	Smooth/Ring	Bright/EG/ HDG

Material: Q235/45# Steel/Stainless steel 304/316

POSITIVE PLACEMENT® METAL CONNECTOR NAILS



Length (mm)	Diameter(mm)	Shank	Finish
38	3.33	Smooth/Ring/Screw	Brite, Heat Treated
38-64	3.76	Smooth/Ring/Screw	Brite/Mech.Galv, Heat Treated
64	4.11	Smooth/Ring/Screw	Mech. Galv, Heat Treated

Material: Q235/45# Steel

Collated Nails



15°/16° Wire welded Coil Nails



Length (mm)	Diameter(mm)	Shank	Finish
25-50	2.1	Smooth/Ring/Screw	Bright/EG/ HDG
30-60	2.3	Smooth/Ring/Screw	Bright/EG/ HDG
45-64	2.5	Smooth/Ring/Screw	Bright/EG/ HDG
50-80	2.87	Smooth/Ring/Screw	Bright/EG/ HDG
64-100	3.05	Smooth/Ring/Screw	Bright/EG/ HDG
64-100	3.33	Smooth/Ring/Screw	Bright/EG/ HDG
75-130	3.76	Smooth/Ring/Screw	Bright/EG/ HDG

Material: Q235/SS304

15°/16° Wire welded Coil Roofing Nails



Length (mm)	Diameter(mm)	Shank	Finish
19-45	3.05	Smooth/Ring	Bright/EG/ HDG

Material: Q235/SS304

0°/15°/16° Plastic Sheet Coil Nails



Length (mm)	Diameter(mm)	Shank	Finish
45-65	2.3	Smooth/Ring/Screw	Bright/EG /Mech.Galv
45-75	2.5	Smooth/Ring/Screw	Bright/EG /Mech.Galv
60-90	2.87	Smooth/Ring/Screw	Bright/EG /Mech.Galv
70-90	3.05	Smooth/Ring/Screw	Bright/EG /Mech.Galv

Packing available



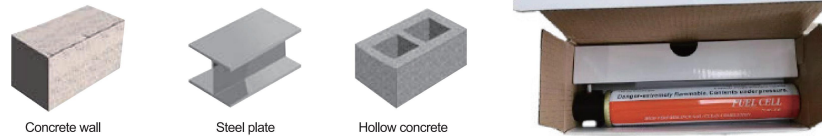
Collated Nails



Concrete pins



Base Material



Length (mm)	Diameter (mm)	Shank	Point	Finish	Pack
15	2.7/3.0	Straight / Step	Cut/Bullet	Mech.Galv/EG	1000
17	2.7/3.0	Straight / Step	Cut/Bullet	Mech.Galv/EG	1000
19	2.7/3.0	Straight / Step	Cut/Bullet	Mech.Galv/EG	1000
22	2.7/3.0	Straight / Step	Cut/Bullet	Mech.Galv/EG	1000
25	2.7/3.0	Straight / Step	Cut/Bullet	Mech.Galv/EG	1000
27	2.7/3.0	Straight / Step	Cut/Bullet	Mech.Galv/EG	1000
30	2.7/3.0	Straight / Step	Cut/Bullet	Mech.Galv/EG	1000
32	2.7/3.0	Straight / Step	Cut/Bullet	Mech.Galv/EG	1000
38	2.7/3.0	Straight / Step	Cut/Bullet	Mech.Galv/EG	1000
40	2.7/3.0	Straight / Step	Cut/Bullet	Mech.Galv/EG	1000

Material: 60# steel /65# steel/ Stainless steel 304/316

Hardness HRC: 52-58HRC

The color of the plastic strip can be customized Branded

Colorful boxes available

Advantages:

- Reinforced nails.
- Nail with serrations to improve the grip

Collated Screws



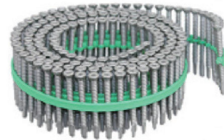
Plastic / Wire Coil Collated Screws



Size	Head Type	Drive Type	Coating/Finish
3.8 x 32mm	Countersunk	Philip No.2	Ruspert 1000 hours colorful



Size	Head Type	Drive Type	Coating/Finish
2.5x50mm	Countersunk	SQ.2	Yellow /White Zinc
2.87x65mm	Countersunk	SQ.2	Yellow /White Zinc
3.05x75mm	Countersunk	SQ.2	Yellow /White Zinc
3.33x100mm	Countersunk	SQ.2	Yellow /White Zinc



Size	Head Type	Drive Type	Coating/Finish
8 x 50mm	Countersunk	SQ.2	Mech.Galv Class 3
8 x 65mm	Countersunk	SQ.2	Mech.Galv Class 3

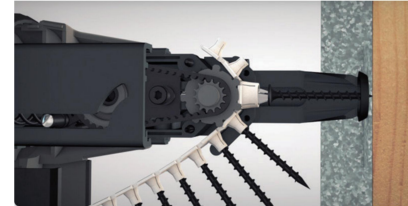
Packing



Collated Screws



Bugle Hd Fine Thread Collated Needle Point

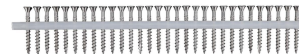


Size	Point Type	Drive Type	Coating/Finish
6-18 x 25mm	Countersunk	Philips P2	Yellow /White Zinc
6-18 x 32mm	Countersunk	Philips P2	Yellow/White Zinc

INSTALLATION

Drill Capacity: Suitable for use without pre-drilling in light gauge steel up to 0.6mm, timber and plasterboard. Pre-drilling may be necessary in Hardwood.

Straight Collated Screws



Size	Point Type	Drive Type	Coating/Finish	Material
8g x 32mm	Countersunk	Undersize SQ2	Mech.Galv Class 3	Carbon Steel / Stainless Steel 304/305
8g X 42mm	Countersunk	Undersize SQ2	Mech.Galv Class 3	Carbon Steel / Stainless Steel 304/305
10g x 42mm	Countersunk	Undersize SQ2	Mech.Galv Class 3	Carbon Steel / Stainless Steel 304/305
10g X55mm	Countersunk	Undersize SQ2	Mech.Galv Class 3	Carbon Steel / Stainless Steel 304/305

•Applications:

Cement Sheet / Underlay/ Timber to Steel/Steel Frame
 Drill Point with wings without pre-drilling
 Wings design to cut clearance hole
 Mechanical galvanised finish for better anti-rust performance



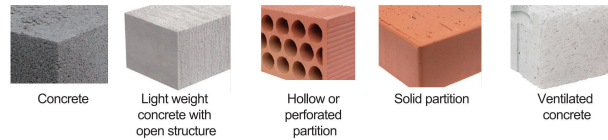
Insulation Fixings



Insulation Pins



Base Material



Item	Description	Packing		
		Pcs/bag	Pcs/ctn	Ctns/pallet
No.1	30mm(white) with 42mm nail	100	1000	42
No.2	40mm(white) with 42mm nail	100	1000	42
No.3	50mm(white) with 52mm nail	100	1000	42
No.4	60mm(white) with 52mm nail	100	1000	36
No.5	70mm(white) with 52mm nail	100	1000	36
No.6	80mm(white) with 52mm nail	100	1000	30
No.7	90mm(white) with 52mm nail	100	1000	30
No.8	100mm(white) with 52mm nail	100	500	42
No.9	110mm(white) with 52mm nail	50	500	42
No.10	120mm(white) with 52mm nail	50	500	36
No.11	130mm(white) with 52mm nail	50	500	36
No.12	140mm(white) with 52mm nail	50	500	36
No.13	150mm(white) with 52mm nail	50	500	30
No.14	160mm(white) with 52mm nail	50	500	30
No.15	170mm(white) with 52mm nail	50	500	30
No.16	180mm(white) with 52mm nail	50	500	24
No.17	200mm(white) with 52mm nail	50	500	24
No.18	220mm(white) with 52mm nail	50	400	30
No.19	250mm(white) with 52mm nail	50	300	30

Insulation material: High density polyethylene (HDPE)

Finish Nails



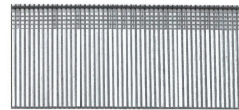
16GA ANGLED FINISH



Length (mm)	Gauge	Finish	Finish
32	16 GA Angled	Galvanized	2000
38	16 GA Angled	Galvanized	2000
45	16 GA Angled	Galvanized	2000
50	16 GA Angled	Galvanized	2000
64	16 GA Angled	Galvanized	2000

Material: Galvanized wire/Stainless steel 304/316

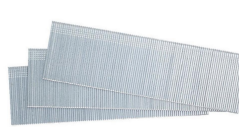
16GA STRAIGHT FINISH



Length (mm)	Gauge	Finish	Finish
32	16 GA Straight	Galvanized	2000
38	16 GA Straight	Galvanized	2000
45	16 GA Straight	Galvanized	2000
50	16 GA Straight	Galvanized	2000
64	16 GA Straight	Galvanized	2000

Material: Galvanized wire/Stainless steel 304/316

18GA BRAD NAILS



Length (mm)	Gauge	Finish	Finish
25	18 GA Brad	Galvanized	2000/5000
32	18 GA Brad	Galvanized	2000/5000
38	18 GA Brad	Galvanized	2000/5000
50	18 GA Brad	Galvanized	2000/5000

Material: Galvanized wire/Stainless steel 304/316

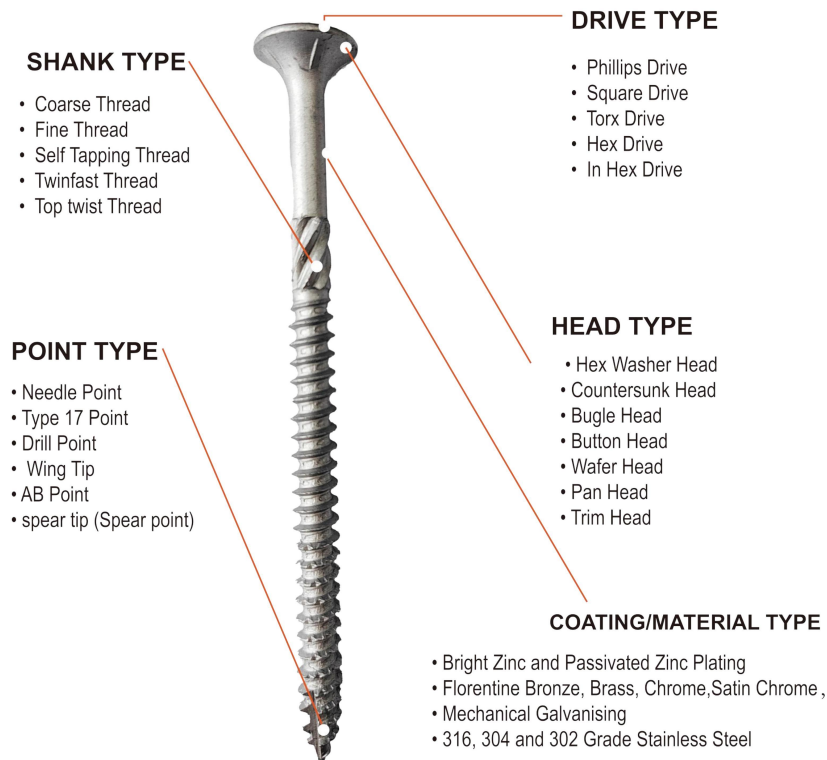
Packing & Application



Anatomy of a Screw

Every screw has a head that is unique to its intended function. A screw is an externally helical threaded fastener capable of being tightened or released by a twisting force (torque) to the head. The most common uses of screws are to hold objects together and there are many forms for a variety of materials. Screws might be inserted into holes in assembled parts or a screw may form its own thread.

Below is your basic guide to screw Head types, Drive types, Shank types, Point types and Coating types.



Self-Drilling Screws

Composite Material-to-Metal Self-Drilling Screws



Steel-to-Steel Self-Drilling Screws



*Painted Head

Size	Point Type	Drive Type	Coating/Finish
4.2x(13~250mm) 8Gx(1/2"~10")	DRILL POINT	Hex-Unslotted	Mech.Galv Class 3/ Class 4
4.8x(13~250mm) 10Gx(1/2"~10")	DRILL POINT	Hex-Unslotted	Mech.Galv Class 3/ Class 4
5.5x(13~250mm) 12Gx(1/2"~10")	DRILL POINT	Hex-Unslotted	Mech.Galv Class 3/ Class 4
6.1x(13~250mm) 14Gx(1/2"~10")	DRILL POINT	Hex-Unslotted	Mech.Galv Class 3/ Class 4



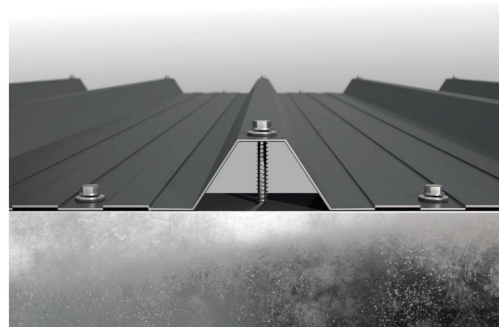
*Custom paint colors available

•Climacoat

Maximum resistance to corrosion.

•Application

Self-drilling screws designed for framing are able to cut straight through even heavy-duty metal studs. In most cases, they have special heads that allow for more holding strength at the cost of driving torque.



Self-Drilling Screws

Composite Material-to-Metal Self-Drilling Screws

Nylon & Plastic Hex Head Self-Drilling Screws



* Nylon & Plastic Head

Size	Point Type	Drive Type	Coating/Finish
4.2x(13~250mm) 8Gx(1/2"~10")	DRILL POINT	Hex-Unslotted	Bright Zinc & Mech.Galv & Stainless Steel
4.8x(13~250mm) 10Gx(1/2"~10")	DRILL POINT	Hex-Unslotted	Bright Zinc & Mech.Galv & Stainless Steel
5.5x(13~250mm) 12Gx(1/2"~10")	DRILL POINT	Hex-Unslotted	Bright Zinc & Mech.Galv & Stainless Steel
6.1x(13~250mm) 14Gx(1/2"~10")	DRILL POINT	Hex-Unslotted	Bright Zinc & Mech.Galv & Stainless Steel



*Custom paint colors available

•Climacoat

Maximum resistance to corrosion.

•Application

Self-drilling screws designed for framing are able to cut straight through even heavy-duty metal studs. In most cases, they have special heads that allow for more holding strength at the cost of driving torque.



Roofing and Cladding Screws



Type 17 Point Hex Head Domed Seal Hex Drive



Size	Point Type	Drive Type	Coating/Finish
4.2x(13~250mm) 8Gx(1/2"~10")	Hex	HEX DRIVE	Mech.Galv Class 3/ Class 4
4.8x(13~250mm) 10Gx(1/2"~10")	Hex	HEX DRIVE	Mech.Galv Class 3/ Class 4
5.5x(13~250mm) 12Gx(1/2"~10")	Hex	HEX DRIVE	Mech.Galv Class 3/ Class 4
6.1x(13~250mm) 14Gx(1/2"~10")	Hex	HEX DRIVE	Mech.Galv Class 3/ Class 4



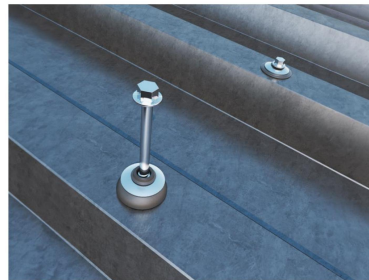
•Features

*Custom paint colors available

*Easy to use, 5/16" socket for 10 and 12 gauge appropriate driver bit in a power tool. Self drilling type 17 point can pierce light gauge steel up to 0.6mm. Hex flanged heads with EPDM washer provide optimum holding power and seal out wind and rain. EPDM dome washer designed for optimal performance in temperature extremes, UV stabilised, high elasticity. Designed for use with polycarbonate roofing.

•Application

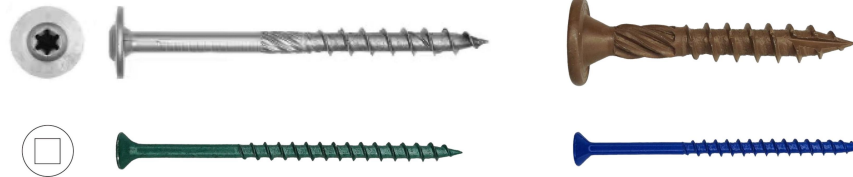
Ideal for fastening metal roof sheets to timber battens and other timber substrates



Wood Screws



Wood/Timber Screws



Size	Point Type	Drive Type	Coating/Finish
3.2x(13~250mm) 6Gx(1/2"~10")	Type 17	TX30	Bright Zinc
4.2x(13~250mm) 8Gx(1/2"~10")	Type 17	TX40	Bright Zinc
4.8x(13~250mm) 10Gx(1/2"~10")	Type 17	TX50	Bright Zinc



*Custom Respet colors available

•Climacoat

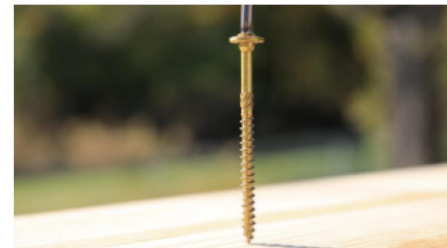
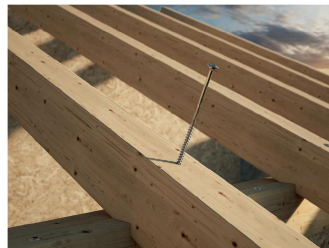
Maximum resistance to corrosion.

•Point and unique thread design

Flange head screw is ideal for fastening joists to sill beams to achieve high wind uplift resistance, which performs the function of a washer and ensures high tensile strength.

•Application

Timber As ows are used as fastenets for load.bearing timberstructures between componentsmade of solid timber glued laminated timber, crossaminaied timber and veneer lamirated timber aswell as similar wood-based materials, board-shapedwood-based materials or steel-timber connections



Decking Screws



Hardwood Decking Type 17 Point Countersunk Square Drive



COUNTERSUNK CYLINDRICAL HEAD SCREW



Size	Point Type	Drive Type	Coating/Finish
3.2x(13~250mm) 6Gx(1/2"~10")	Countersunk / Cylindrical Head	Square Drive / TX30	Respert / Stainless Steel
4.2x(13~250mm) 8Gx(1/2"~10")	Countersunk / Cylindrical Head	Square Drive / TX40	Respert / Stainless Steel
4.8x(13~250mm) 10Gx(1/2"~10")	Countersunk / Cylindrical Head	Square Drive / TX50	Respert / Stainless Steel

•End user

Builders, Carpenters, Landscapers DIYers

•Features

Cold forged and roll formed, countersunk heads with nibs, coarse thread 2/3 of shank length, type 17 point made from 302 grade stainless steel

•Application

For fixing decking, flooring, slatting and general timber to timber external applications

Packing



Nut & Washer Series



D	p	h		m		Coating/Finish
		max	min	max	min	
M3	0.5	4	3.7	5.3	4.9	Carbon steel / stainless steel
M4	0.7	5	4.5	7	6.8	Carbon steel / stainless steel
M5	0.8	5.5	4.8	8	7.8	Carbon steel / stainless steel
M6	1	6	5.5	10	9.8	Carbon steel / stainless steel
M8	1/1.25	7	6.5	13	12.5	Carbon steel / stainless steel
M10	1/1.25/1.75	9	8	16	15.5	Carbon steel / stainless steel
M12	1/1.25/1.75	11.5	10	18	17.5	Carbon steel / stainless steel
M14	1.5/2	13	12	21	20.5	Carbon steel / stainless steel
M16	1.5/2	15	14	24	23.5	Carbon steel / stainless steel
M18	1.5/2/2.5	17	15	27	26	Carbon steel / stainless steel
M20	1.5/2/2.5	19	17	30	29	Carbon steel / stainless steel
M22	1.5/2/2.5	21	18	34	33	Carbon steel / stainless steel



PROCESS FLOW FOR SCREWS



Full Factory Production Control SYSTEM (FPC SYSTEM): raw material control, production drawings control plan for products, samples of in-process and final function testing, product packing & labeling inspection, etc.



OUR CERTIFICATES





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