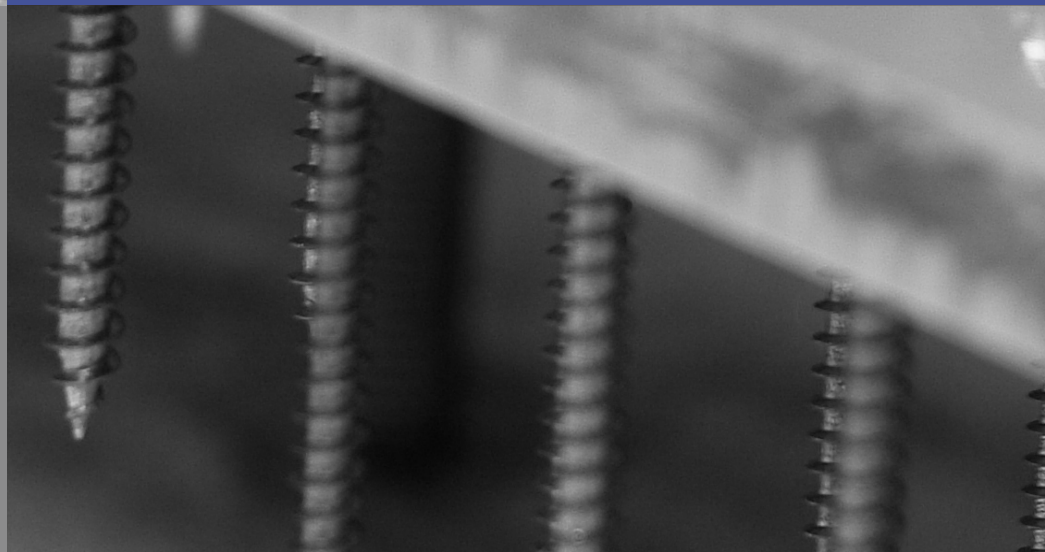
Product Range

- SELF DRILLING SCREWS
- DRYWALL SCREWS
- CHIPBOARD SCREWS
- SELF TAPPING SCREWS
- DECKING SCREWS
- OTHERS SCREWS
- STAINLESS STEEL SCREWS

sheh fung screws company



guaranteed to have the best quality screws

General Index

About ShehFung screws

Sheh-Fung was founded in 1973 as a leader in the screw manufacturing industry. During the past 35 years, Sheh-fung has developed and manufactured a wide range of screws for a variety of purposes. Sheh-fung not only provides high quality products but also the best ODM services to meet the demands of our customers. Over the last 16 years of growth and expansion, Sheh-Fung has continuously ranked and received the prestigious Top 1,000 Enterprises in Taiwan award.

Sheh-Fung unceasingly pursues excellence, quality, and the most advanced state-of-the-art technologies to maintain a competitive edge in the industry. Our recent chromium-free surface treatment and high corrosion resistance surface designs developed to penetrate treated lumber, allows us to stand out among our competitors.

To further comply with US and European Union regulations, we have invested heavily in developing a quality assurance system. Through long-term cultivation and integration of the supply chain, we have achieved our goals of efficient production and prompt delivery, winning the trust of our customers world-wide. Over the years Sheh-Fung's successful achievements in the global marketplace have flourished under sound and exceptional management.

- Top 1000 Taiwan Enterprise by sales amount since 1989
- Top 50 Taiwan Enterprise by EPS in 2006
- Valuable Patents in design & production facilities
- ODM high quality screw for first tier screw customers
- About 5/1000 of market share by weight exported from Sheh-Fung
- Leader in decking, construction and bi-metal screws
- Granted the Taiwan Golden Export Award from Bureau of Foreign Trade
- "S" being recognized as a high quality screw mark
- Granted The 10th Taiwan Rising Star Award
- 17th National award of outstanding small and medium enterprises

Production Overview

Heading

Heading

The production process is coordinated by the Production Management Division. The heading personnel checks the required specifications of the products ordered and prepares the wire rod and molds needed. Prior to production, the quality of the wire rod and the dimensions of the molds are checked to ensure that they correspond to the requirements and specifications indicated on the order form. The molds are installed, following a test to verify that the positions are properly aligned. The first headed product in each batch is inspected according to length, diameter, depth, and appearance of the head. Regular inspections during production are carried out and subsequently recorded. After the manufacturing process is completed, the headed screws are kept in barrels along with the records detailing completion time of the manufacturing process as well as the name, specifications, and weight of the contained products.

Pinch Pointing

Pinch Pointing

The pinch pointing process is a special process in the manufacturing of self-drilling screws that takes place between the heading & threading process. In order to enable screws to be driven into the stud easily, a good drill point is essential. To make sure all self-drilling screws have precise drilling points, the operator selects random samples from the settled dies and places them in the furnace for a pre-heat treatment test to confirm adequate drilling capacity. If the results are positive, the production will continue. If not, the dies have to be readjusted until the samples are acceptable. Due to our meticulous quality control we have yet to receive any complaints from our customers.

Threading

Threading

Threading is an exceptionally important process in the manufacturing of drywall screws & self-drilling screws. Similar to the pinch pointing process, the operators have to heat treat the samples before production. There is a special section called the "Tap-Section" for self-drilling screws. Due to the excellent design, this section guides our screws into the stud very smoothly & lightly. We are currently applying for a patent. In this process, we have to test the drilling time, check the thread angle, point angle and major & minor diameters. In order to maintain competitiveness, we have set up our own rolling dies' factory in order to produce any special kinds of thread for our customers.

Heat Treatment

Heat Treatment

This is another important process in screw manufacturing for self-drilling screws, chipboard screws & drywall screws. Sheh-Fung has invested in two fully automated furnaces. The computer generated data for every screw that is heat treated in these two furnaces details the exact time when something has occurred to the screws. Another benefit of this computer system is that it allows Sheh-fung to maintain invariable quality for every batch of the screws. The automatic dew-point tester controls the proper composition of gas & air which ensures our screws to have a consistent hardness & carburizing depth. During the testing process, quality control personnel will cut the hardened screws in two halves and polish them to a mirror surface and its metallographic structure is checked under a microscope. This method allows us to easily detect defects in the hardening process.

Electroplating

Electroplating

The electroplating process is used to improve the corrosion resistance of the screws as well as the quality of appearance.
Sheh-Fung has invested in two of the latest platting lines from a well-known manufacturer in Taiwan. These two lines can process zinc plating, yellow zinc plating and green zinc with Cr6 plating, Cr3 or Cr free passivation, depending on customer requirements. Sheh-fung is the first company in Taiwan to attain a QC08000 certification for our surface treatment process. Sheh-Fung also has the latest chemical analyzer for monitoring any changes in the plating bath. Our plating thickness test machine guarantees the best quality, consistency and satisfaction for all our customers.

Professional Coating

Professional Coating

This is the last process of screw manufacturing and a crucial process due to continuous day to day air pollution. There are two types of coating; "Dip Spin Coating" and Tufcote" used at our factory. Due to the non-polluting substance of water based paint, it is used in the "Dip Spin Coating". As for "Tufecot", it has performed well on the Kesternich test and can reach a max result up to 25 cycles. Wax can also be coated on the screws as a lubricant for easy application into wood or steel. All the wax used is imported to assure the top quality of our screws.
To guarantee the effectiveness of our wax coating, beech wood and controlled humidity is utilized to check the screw-in torque strength.

Environmental

Environmental

Conscientious of environmental issues, all hazardous waste from production lines in the factory will pass through the latest hazardous waste processor before leaving the factory. Sheh-Fung has the most up to date testing equipment for testing air and water waste, which both are graded according to government regulations in Taiwan.

Packing

Packing

Sheh-Fung places great emphasis on packaging in order to preserve the quality and value of the products. The unique designs of boxes, cartons and labels give customers a variety of packages to choose from and we provide professional advice on demand. Sheh-Fung has several automatic packing machines for both bulk and individual box packing. We offer quantities of 100, 200, 500 & 1000 pcs per box as well as cater to our customer's specified requirements. Our customized boxes can be printed in any color, any shape and any material.
The final product is always delivered in wooden crates which are normally lined with a water-proof poly bag and bounded by steel straps, with a weight restriction of 100kgs or less. Packaging safeguards ensure that the product always arrives at the warehouse in pristine condition.

QC Inspection

Description	Major Function	Description	Major Function
Vicker Hardness tester	Measure case and core hardness	Optical Projector	Dimension measurement
Rockwell Hardness tester	Measure hardness	Presser, Cutter, Polisher	Metallographic display
Screw in Torque test	Measure friction coefficient	Salt spray test machine	Corrosive test
Tensile test machine	Measure tensile strength	Kesternich tester	Acid-resistance test
Penetration machine	Drilling speed & rate	Plating thickness machine	Plating thickness measurement








International Authentication

ISO 9001 / TW15-10923

ISO 14001 / TW15-10896

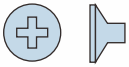
ETA 18/0284

A2LA Accredited Laboratory

sheh fung screws company

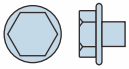
Common fastener head style and drive

BUGLE PHILLIPS



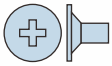
FOR FASTENING GYPSUM AND SOFTWOODS

HEX WASHER



FOR STEEL TO STEEL

WAFER PHILLIPS

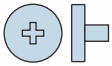


FOR WOOD TO STEEL

QUADREX

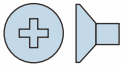
NO "CAM-OUT" DRIVE SYSTEM

PANCAKE PHIL.



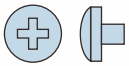
LOW PROFILE FOR STEEL TO STEEL

FLAT PHILLIPS



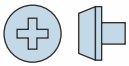
FOR WOOD TO STEEL

PAN PHILLIPS



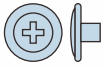
FOR STEEL TO STEEL

PAN FRAMING PHILLIPS



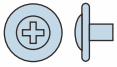
FOR FRAMING TRACK TO STUD

FLAT TRUSS PHIL.



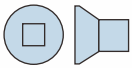
LOW PROFILE FOR LIGHT GAGE STEEL CONNECTIONS

MOD. TRUSS PHIL.



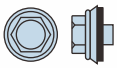
LOW PROFILE FOR STUD TO TRACK, K-LATH, AND HAT SECTION

TRIM HEAD SQ.



FOR WOOD TO STEEL

HEX WASHER WITH SEALING WASHER



FOR EXTERIOR STEEL TO STEEL

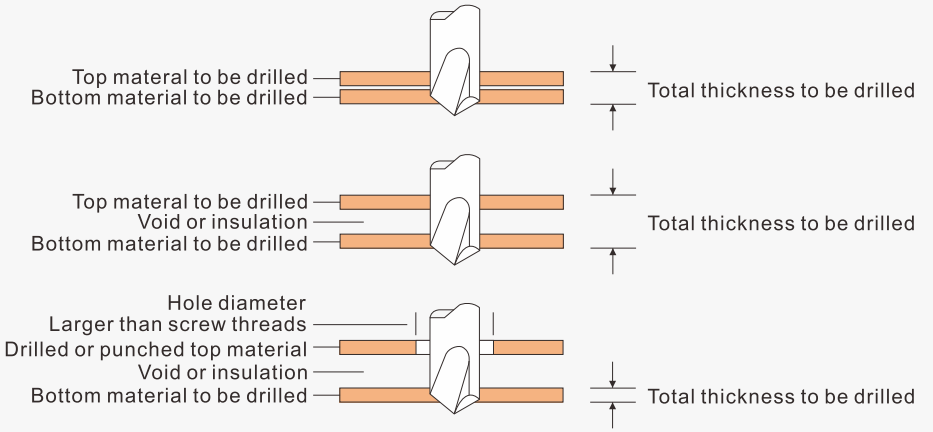
Suggested material thickness for steel application

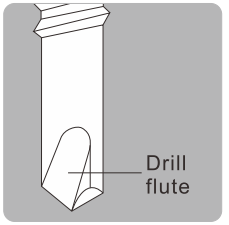
	Point No.	Material thickness m/m max.
Self drilling screws	#1 & #2	1.0-1.5mm
	#3	4.0-5.0mm
	#4	7.0-8.0mm
	#5	10.0-12.0mm
Drywall & tapping screws	–	0.7-1.0mm

Plating selection

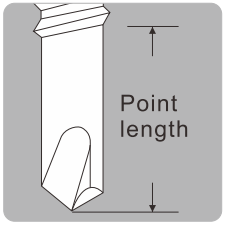
Types.	Salt spray test (hrs)	Kesternich (cycles)
Zinc	24-36	–
Yellow zinc	24-36	–
Black phosphate	24-36	–
Grey phosphate	24-36	–
Dacromet	500-1000	–
Ruspert	500-3000	–
Mechanical galvanizing	500-1000	–
Mechanical galvanizing + coating	1000-1500	15-20
Nanoplating	1500-2000	20-25
Tufcote(Ruspert)	1500-2000	25

Drill point selection





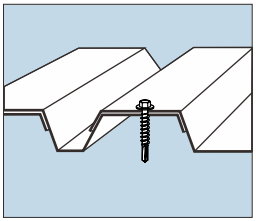
Drill Flute
The length of the drill flute determines the metal thickness that can be drilled. The flute itself provides a channel for chip removal during drilling action. If it becomes completely imbedded in material, drill chips will be trapped in the flute and cutting action will cease. This will cause the point to burn up or break.

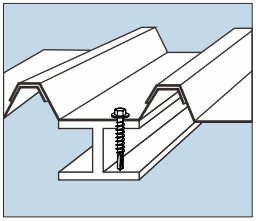


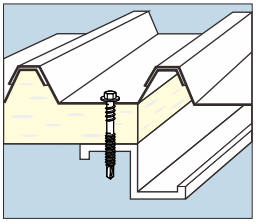
Point Length
The unthreaded section from the point to the first thread should be long enough to assure the drilling action is complete before the first thread engages the drilled metal. Screw threads advance at a rate of up to ten times faster than the drill flute can remove metal. All drilling therefore should be complete before threads begin to form.

Drilling Through Wood To Metal
If your application calls for drilling through wood over 1/2" in thickness, a clearance hole is required. Select a fastener with break away wings for this type of job. The wings will ream a clearance hole and break-off when in contact with metal surface (minimum metal thickness .090") to be drilled.

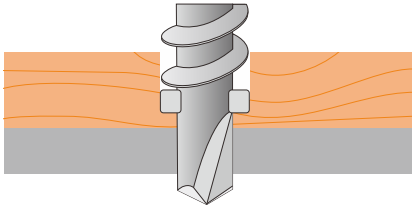
Different type of application





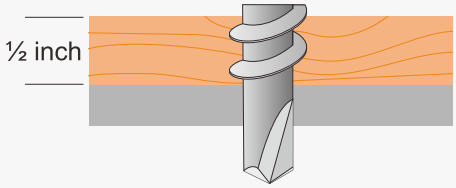


Attaching wood to steel

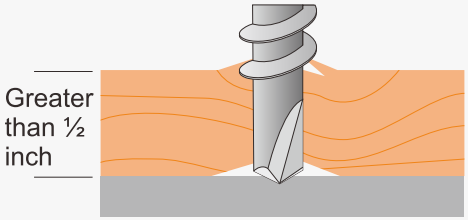


- If wood is ½ inch or thinner and steel is 18 gauge or thicker, most any point will work.
- If wood is greater than ½ inch and steel is 18 gauge or thicker, specialty screws must be used.

½ inch or less thickwood, most any point will do

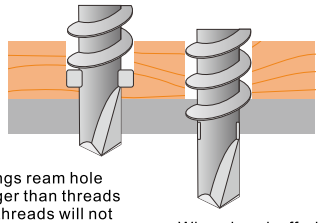


Over ½ inch thick wood, when thread engages, point burns off under excessive pressure.



Solution to "JACKING ACTION"

WINGED REAMER



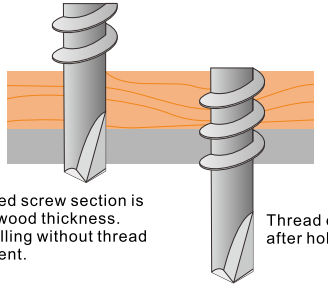
Wings ream hole larger than threads so threads will not engage wood.

Wings break off when they hit steel, then threads engage.

ADVANTAGES

- Can use same screw for multiple wood thickness.
- Shorter, more stable for initial driving.
- Does not project as far on bottom side.

PILOT POINT



Unthreaded screw section is length of wood thickness. Allows drilling without thread engagement.

Thread engages after hole drilled.

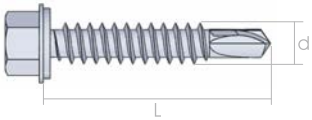
ADVANTAGES

- Faster than winged reamer.
- Less Expensive than winged reamer DARTS.

Self Drilling Screws

sheh fung screws company

Hex washer head, Type AB thread, #3 point, with epdm



• Hex washer head

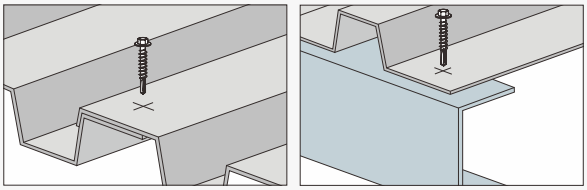
Program

Dimensions (dxL)mm					
3.5X10	3.9X10	4.2X13	4.8X13	5.5X19	6.3X25
3.5X13	3.9X13	4.2X16	4.8X16	5.5X25	6.3X32
3.5X19	3.9X16	4.2X19	4.8X19	5.5X32	6.3X38
3.5X25	3.9X19	4.2X25	4.8X25	5.5X38	6.3X50
3.5X32	3.9X25	4.2X32	4.8X32	5.5X50	6.3X75
	3.9X32	4.2X38	4.8X38	5.5X63	6.3X80
	3.9X38	4.2X50	4.8X50	5.5X75	6.3X100
				5.5X95	6.3X110
				5.5X100	6.3X120
					6.3X130
					6.3X140
					6.3X150

Material	C1022
Coating	Yellow Zinc, Zinc, Ruspert

	3.5	3.9	4.2	4.8	5.5	6.3
Torsional Strength (Lb/in)	24min	28min	42min	61min	92min	150min
Case Hardness (Hv/0.3kg)	560-730	560-730	560-730	560-730	560-730	560-730
Drilling Time (sec)	4.0	4.0	5.0	7.0	11.0	13.0
Drilling Thickness	1+1	1+1	1.5+1.5	2+2	2+3	2+3

Installation diagram



● For steel to steel applications.

Hex washer head, Type AB, #5 point with flute

• Hex washer head

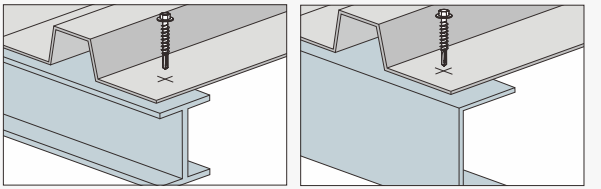
Program

Dimensions (dxL)mm	
5.5X25	6.3X25
5.5X38	6.3X38
5.5X50	6.3X50
5.5X63	6.3X63
5.5X75	6.3X75
	6.3X90

Material	C1022
Coating	Yellow Zinc, Zinc, Ruspert

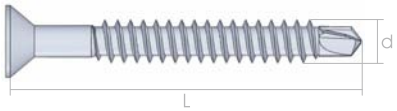
	5.5mm	6.3mm	
Torsional Strength (Lb/in)	88min	142min	
Case Hardness (Hv/0.3kg)	560-730	560-730	
Drilling Time (sec)	23	23	
Drilling Thickness	12mm	12mm	

Installation diagram



• Suitable for "H" type steel, thickness upto 12mm.

Flat head, Type AB thread



• phillip recess

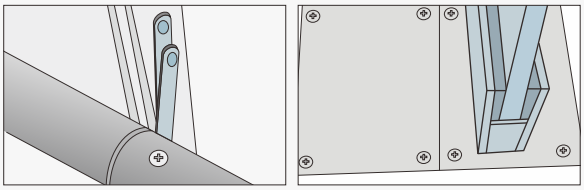
Program

Dimensions (dxL)mm			
3.5X10	4.2X13	4.8X13	5.5X16
3.5X13	4.2X16	4.8X16	5.5X19
3.5X16	4.2X19	4.8X19	5.5X25
3.5X19	4.2X25	4.8X25	5.5X32
3.5X25	4.2X32	4.8X32	5.5X38
3.5X32	4.2X38	4.8X38	5.5X50
3.5X38	4.2X50	4.8X50	5.5X63
		4.8X55	5.5X75

Material	C1022
Coating	Yellow Zinc, Zinc

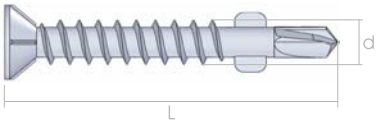
	3.5mm	4.2mm	4.8mm	5.5mm
Torsional Strength (Lb/in)	24min	39min	56min	88min
Case Hardness (Hv/0.3kg)	560-730	560-730	560-730	560-730
Drilling Time (sec)	4.0	5.0	7.0	11.0
Drilling Thickness	1+1	1+1	1+1	1+1

Installation diagram



• For fixing timber to steel without predrilling timber, eg floors, trails, fences.

Flat head with nib under head type AB thread, with wings



• phillip recess

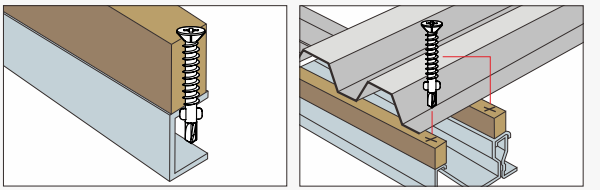
Program

Dimensions (dxL)mm		
4.8X19	5.5X25	6.3X32
4.8X25	5.5X32	6.3X38
4.8X28	5.5X35	6.3X50
4.8X32	5.5X38	6.3X55
4.8X35	5.5X41	6.3X63
4.8X38	5.5X50	6.3X75
4.8X41	5.5X55	6.3X80
4.8X45		6.3X90
4.8X55		

Material	C1022
Coating	Zinc

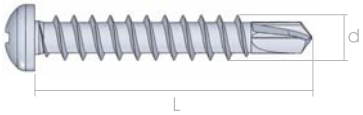
	4.8mm	5.5mm	6.3mm
Torsional Strength (Lb/in)	56min	88min	142min
Case Hardness (Hv/0.3kg)	560-730	560-730	560-730
Drilling Time (sec)	7.0	11.0	13.0
Drilling Thickness	2+2	2+3	2+3

Installation diagram



● For fixing timber to steel without predrilling timber, eg floors, trails, fences.

Pan head, Type AB thread



• phillip recess

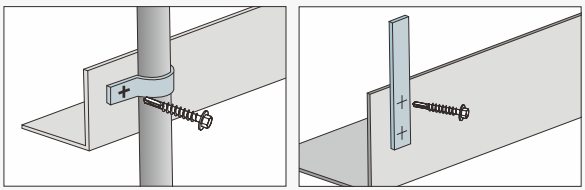
Program

Dimensions (dxL)mm				
3.5X10	4.2X10	4.8X13	5.5X16	6.3X25
3.5X13	4.2X13	4.8X16	5.5X19	6.3X32
3.5X16	4.2X16	4.8X19	5.5X25	6.3X38
3.5X19	4.2X19	4.8X25	5.5X32	6.3X50
3.5X25	4.2X25	4.8X32	5.5X38	6.3X65
3.5X32	4.2X32	4.8X38	5.5X50	6.3X75
	4.2X38	4.8X50	5.5X65	6.3X90
		4.8X65	5.5X75	6.3X100

Material	C1022
Coating	Yellow Zinc, Zinc

	3.5	4.2	4.8	5.5	6.3
Torsional Strength (Lb/in)	24min	39min	56min	88min	142min
Case Hardness (Hv/0.3kg)	560-730	560-730	560-730	560-730	560-730
Drilling Time (sec)	4.0	5.0	7.0	11.0	13.0
Drilling Thickness	1+1	1.5+1.5	2+2	2+3	2+3

Installation diagram



• For thin metal to thin metal.

Hex washer head, Type AB thread, Reduced point #1 assemble with14 mm steel bonded washer

• Hex washer head

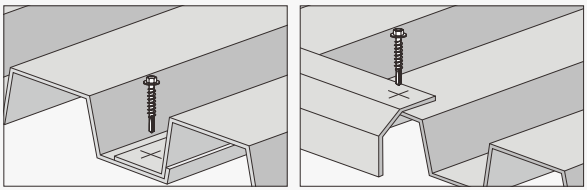
Program

Dimensions (dxL)mm
4.8X20
4.8X22
4.8X28
4.8X35
4.8X60
4.8X70
4.8X75

Material	C1022
Coating	Zinc, head paint in RAC

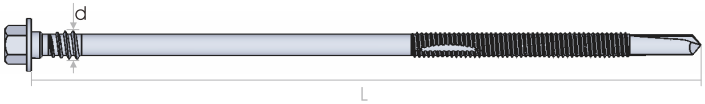
	4.8mm	
Torsional Strength (Lb/in)	56min	
Case Hardness (Hv/0.3kg)	560-730	
Drilling Time (sec)	5.0	
Drilling Thickness	2+2	

Installation diagram



• Fasten sheet metal to wall & overlap panels.

Hex washer head, double thread #3 point, slot on shank



• Hex washer head

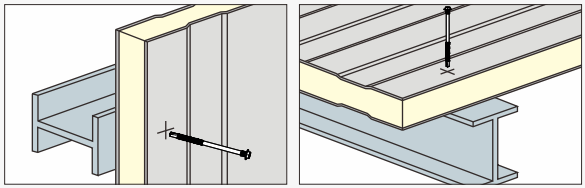
Program

Dimensions (dxL)mm	
5.5X60	6.3X60
5.5X75	6.3X75
5.5X95	6.3X95
5.5X100	6.3X100
5.5X125	6.3X125
5.5X135	6.3X135
5.5X150	6.3X150
5.5X170	6.3X170
5.5X190	6.3X190
5.5X210	6.3X210
5.5X230	6.3X230
5.5X250	6.3X250

Material	C1022
Coating	Ruspert, Zinc

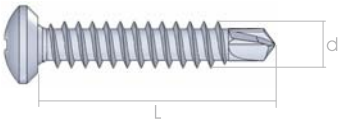
	5.5mm	6.3mm	
Torsional Strength (Nm)	10.4min	16.9min	
Case Hardness (Hv/0.3kg)	500-800	500-800	
Drilling Time (sec)	23	23	
Drilling Thickness	12	12	

Installation diagram



• Suitable for fixing on sandwich panel.

Oval head, Type AB thread



• phillip recess

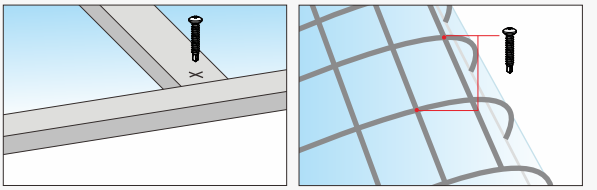
Program

Dimensions (dxL)mm			
3.5X13	3.9X13	4.2X13	4.8X13
3.5X16	3.9X16	4.2X16	4.8X16
3.5X19	3.9X19	4.2X19	4.8X19
3.5X25	3.9X25	4.2X25	4.8X25
3.5X32	3.9X32	4.2X32	4.8X32
	3.9X38	4.2X38	4.8X38
		4.2X50	4.8X50
			4.8X60

Material	C1022
Coating	Yellow Zinc, Zinc

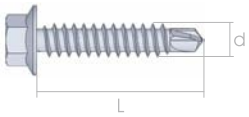
	3.5mm	3.9mm	4.2mm	4.8mm
Torsional Strength (Lb/in)	24min	30min	39min	47min
Case Hardness (Hv/0.3kg)	560-730	560-750	560-730	560-730
Drilling Time (sec)	4.0	4.5	5.0	7.0
Drilling Thickness	1+1	1+1	1.5+1.5	2+2

Installation diagram



• Residential steel construction.

Hex washer flange head, Type AB



• hex washer flange head

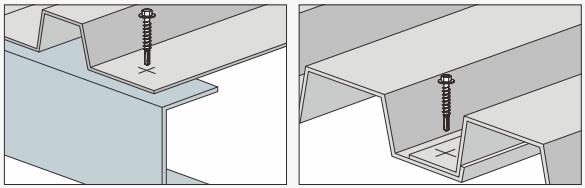
Program

Dimensions (dxL)mm		
4.8X19	5.5X19	6.3X25
4.8X25	5.5X25	6.3X32
4.8X32	5.5X32	6.3X38
4.8X38	5.5X38	6.3X50
4.8X50	5.5X50	6.3X63
	5.5X63	6.3X75
		6.3X90

Material	C1022
Coating	Yellow Zinc, Zinc

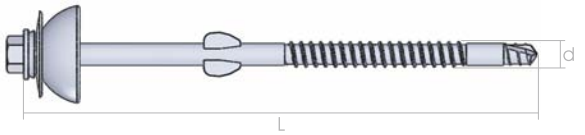
	4.8mm	5.5mm	6.3mm
Torsional Strength (Lb/in)	61min	96min	142min
Case Hardness (Hv/0.3kg)	560-730	560-730	560-730
Drilling Time (sec)	7.0	11.0	13.0
Drilling Thickness	2+2	2+3	2+3

Installation diagram



• Roof deck to steel framing, and provide bigger cover surface in using exterion environment.

Hex washer head, wing up, #3 point, with BAZ washer



• Hex washer head

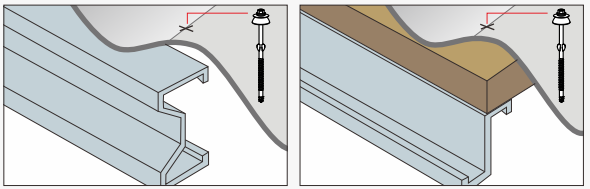
Program

Dimensions (dxL)mm
6.3X105
6.3X115
6.3X125
6.3X145
6.3X155

Material	C1022
Coating	Ruspert, Zinc

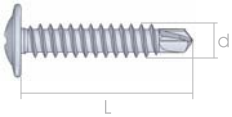
	6.3mm
Torsional Strength (Lb/in)	142min
Tensile Strength	1329.8

Installation diagram



● For fibre cement sheet to steel applications.

Modified truss head, Type AB thread



• phillip recess

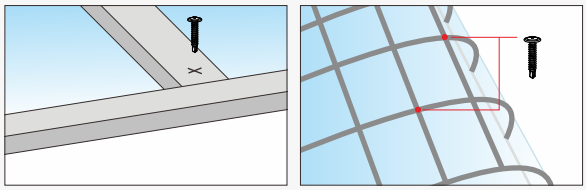
Program

Dimensions (dxL)mm
4.2X13
4.2X16
4.2X19
4.2X25
4.2X32
4.2X38

Material	C1022
Coating	Zinc, Black Phosphate

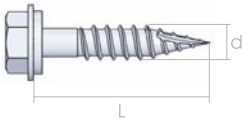
	4.2mm
Torsional Strength (Lb/in)	39min
Case Hardness (Hv/0.3kg)	560-730
Drilling Time (sec)	5.0
Drilling Thickness	1.5+1.5

Installation diagram



• Residential steel frame constraction, like shadow cover.

Hex washer head, Type 17 with epdm washer



• Hex washer head

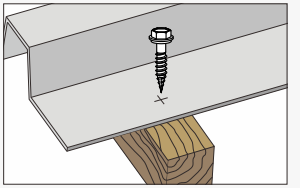
Program

Dimensions (dxL)mm	
5.5X19	6.3X25
5.5X25	6.3X32
5.5X32	6.3X38
5.5X38	6.3X50
5.5X50	6.3X63
	6.3X75
	6.3X100

Material	C1022
Coating	Yellow Zinc, Zinc

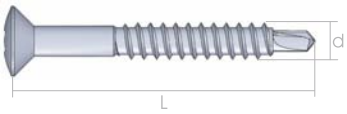
	5.5mm	6.3mm	
Torsional Strength (Nm)	10.9min	16.9min	
Case Hardness (Hv/0.3kg)	450	450	

Installation diagram



• For attach to wooden application.

Oval washer head, reduced #1 point, partial thread



● 6-lobe

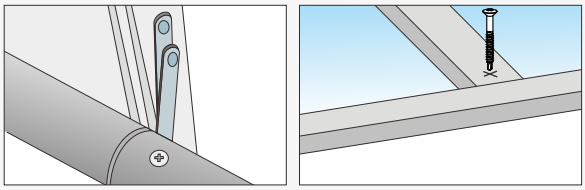
Program

Dimensions (dxL)mm	
4.2X25	4.8X40
4.2X32	4.8X50
4.2X38	4.8X70
4.2X40	4.8X90
4.2X50	4.8X110
4.2X60	4.8X130

Material	C1022
Coating	Ruspert, Zinc

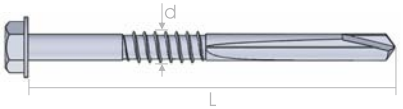
	4.2mm	4.8mm	
Torsional Strength (Lb/in)	39min	56min	
Case Hardness (Hv/0.3kg)	560-730	560-730	
Drilling Time (sec)	5.0	7.0	
Drilling Thickness	1+1	0.75+2	

Installation diagram



● Fasten a glazing beam to the window sash around the perimeter of glass.

Hex washer head, type AB thread pilot point



• Hex washer head

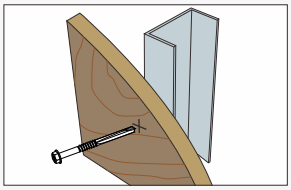
Program

Dimensions (dxL)mm	
4.8X32	5.5X32
4.8X38	5.5X38
4.8X50	5.5X50

Material	C1022
Coating	Yellow Zinc, Zinc

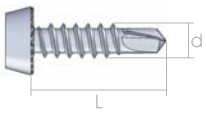
	4.8mm	5.5mm	
Torsional Strength (Lb/in)	56min	96min	
Case Hardness (Hv/0.3kg)	560-730	560-730	
Drilling Time (sec)	7.0	11	
Drilling Thickness	2+2	2+3	

Installation diagram



● For attaching 3/8 to 1" plywood or wood to steel application.

Pan framing with serration under head, type AB thread with drill point



• phillip recess

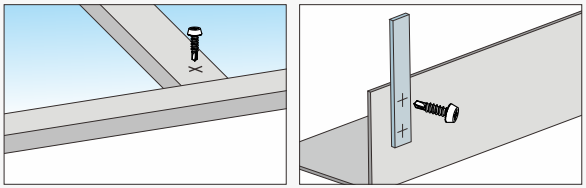
Program

Dimensions (dxL)mm	
3.5X9.5	3.9X11
3.5X11	3.9X13
3.5X13	

Material	C1022
Coating	Yellow Zinc, Black Phosphate

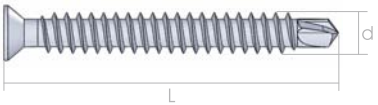
	3.5mm	3.9mm	
Torsional Strength (Lb/in)	24min	28min	
Case Hardness (Hv/0.3kg)	560-730	560-730	
Drilling Time (sec)	4.0	4.0	
Drilling Thickness	1+1	1+1	

Installation diagram



• For attaching metal to metal application like fixtures, backup plates, and door frames.

Trim head, type AB thread with drill point



• phillip • square

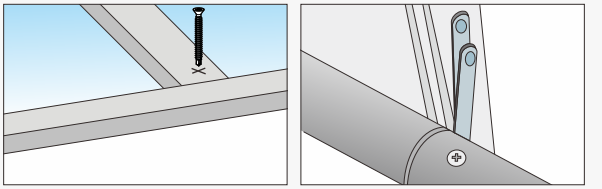
Program

Dimensions (dxL)mm
#6X1-5/8"
#6X2"
#6X2-1/4"
#6X2-1/2"

Material	C1022
Coating	Yellow Zinc, Zinc

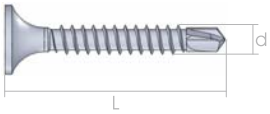
	#6
Torsional Strength (Lb/in)	24min

Installation diagram



- Trim head screws ideal for the installation of window extension jambs.

Bugle head, type AB thread



• phillip recess

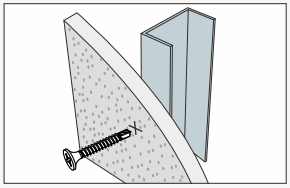
Program

Dimensions (dxL)mm		
3.5X22	4.2X32	4.8X32
3.5X25	4.2X35	4.8X38
3.5X32	4.2X45	4.8X50
3.5X35	4.2X55	4.8X55
3.5X45	4.2X65	4.8X63
3.5X55	4.2X75	4.8X75

Material	C1022
Coating	Zinc, Black Phosphate, Grey Phosphate

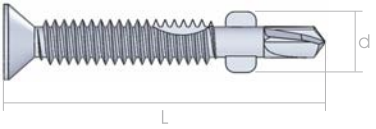
	3.5mm	4.2mm	4.8mm
Torsional Strength (Lb/in)	24min	42min	56min
Case Hardness (Hv/0.3kg)	560-730	560-730	560-730
Drilling Time (sec)	4.0	5.0	7.0
Drilling Thickness	1+1	1.5+1.5	2+2

Installation diagram



• Attaching drywall to heavy guage metal application.

Flat head, machine thread with slot on shank with wing



• phillip

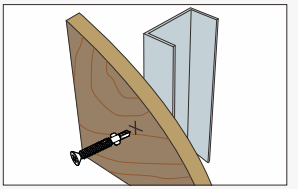
Program

Dimensions (dxL)mm	
5.5X38	6.3X38
5.5X50	6.3X50
5.5X63	6.3X63
5.5X75	6.3X75
5.5X80	6.3X80

Material	C1022
Coating	Kaitex, Zinc, Ruspert

	5.5mm	6.3mm	
Torsional Strength (Nm)	92min	150min	
Case Hardness (Hv/0.3kg)	560-730	560-730	

Installation diagram



- For attaching thick plywood to metal. Flat head provide flush finished surface and winged point creates point hole through the plywood.

Drywall Screws

Self Drilling Screws

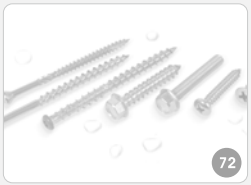
Drywall Screws

Chipboard Screws

Self Tapping Screws

Decking Screws

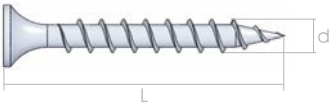
Others Screws



Stainless Steel Screws

sheh fung screws company

Bugle head Coarse thread



• phillips recess • square

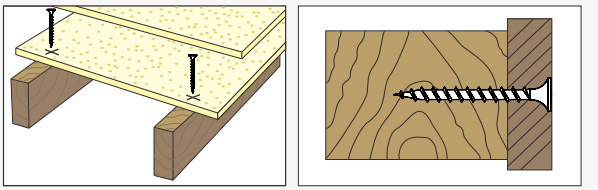
Program

Dimensions (dxL)mm			
3.5X19	3.9X25	4.2X32	4.8X32
3.5X25	3.9X32	4.2X38	4.8X38
3.5X32	3.9X38	4.2X50	4.8X50
3.5X35	3.9X41	4.2X55	4.8X63
3.5X41	3.9X50	4.2X63	4.8X75
3.5X50	3.9X55	4.2X75	4.8X90
		4.2X90	4.8X100
			4.8X120
			4.8X130
			4.8X150

Material	C1022
Coating	Black phosphate / Grey phosphate / Kaitex

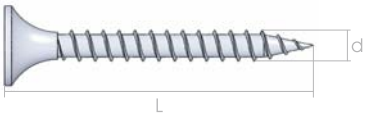
	3.5mm	3.9mm	4.2mm	4.8mm
Torsional Strength (kg/cm)	24min	28min	45min	65min
Case Hardness (Hv/0.3kg)	500-800	500-800	500-800	500-800
Salt & Spray Test (hrs)	48min	48min	48min	48min

Installation diagram



• Drywall timber to timber framing.

Bugle head Twinfast thread



• phillip recess

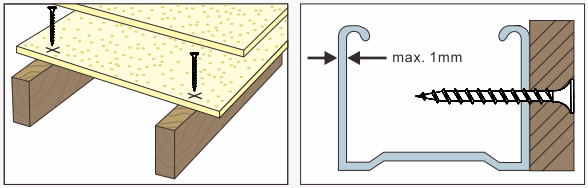
Program

Dimensions (dxL)mm			
3.5X19	3.9X19	4.2X25	4.8X32
3.5X25	3.9X25	4.2X32	4.8X38
3.5X32	3.9X32	4.2X38	4.8X50
3.5X38	3.9X38	4.2X50	4.8X63
3.5X50	3.9X45	4.2X55	4.8X75
	3.9X50	4.2X63	4.8X90
		4.2X75	4.8X100
		4.2X80	4.8X110
			4.8X120
			4.8X130
			4.8X140

Material	C1022
Coating	Black phosphate / Grey phosphate

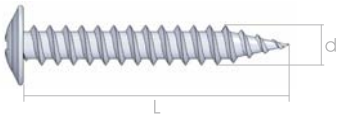
	3.5mm	3.9mm	4.2mm	4.8mm
Torsional Strength (kg/cm)	24min	28min	45min	65min
Case Hardness (Hv/0.3kg)	500-800	500-800	500-800	500-800
Salt & Spray Test (hrs)	48min	48min	48min	48min
Drilling Time (sec)	1	1	1.8	2.5

Installation diagram



• Batten over drywall to metal stud not thick than 1mm

Modified truss head, Type"S" fine thread



• phillip recess

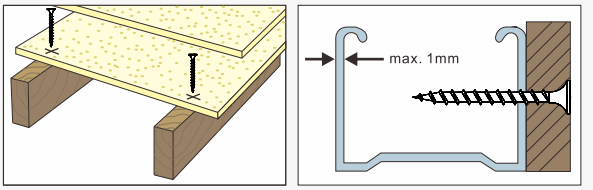
Program

Dimensions (dxL)mm
4.5X13
4.5X16
4.5X19
4.5X25
4.5X32
4.5X38
4.5X50

Material	C1022
Coating	Zinc

	4.5mm
Torsional Strength (kg/cm)	45min
Case Hardness (Hv/300g)	500-800
Drilling Time (sec)	1.8
Drilling Thickness	1mm

Installation diagram



• For job head low profile head and for fixing and job required board coverage.

Modified truss head, Sandwich panel thread

• phillip recess

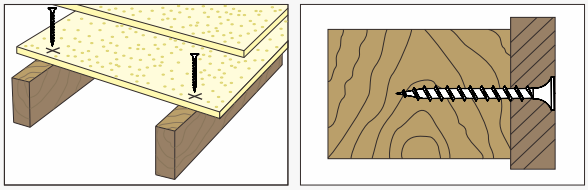
Program

Dimensions (dXL)mm
4.8X51
4.8X60
4.8X70
4.8X80
4.8X100
4.8X120
4.8X130
4.8X140
4.8X150

Material	C1022
Coating	Zinc, Ruspert

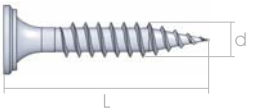
	4.8mm
Torsional Strength (kg/cm)	65mm
Case Hardness (Hv/300g)	500-800
Salt & Spray Test (hrs)	1000min

Installation diagram



• Batten over drywall to metal stud not thick than 1mm

Drywall screws graber head, with cutting edge under head, fine thread



• phillips recess

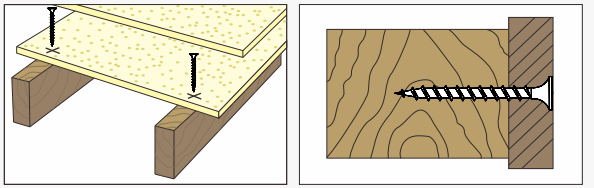
Program

Dimensions (dxL)mm	
3.5X25	4.2X55
3.5X35	4.2X65
3.5X45	4.2X75
3.5X55	4.2X85

Material	C1022
Coating	Black phosphate / Grey phosphate

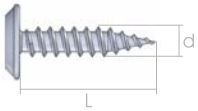
	3.5mm	4.2mm	
Torsional Strength (kg/cm)	24min	45min	
Case Hardness (Hv/0.3kg)	500-800	500-800	
Salt & Spray Test (hrs)	48min	48min	

Installation diagram



• Batten over drywall to matel stud.

Drywall screws button head



• phillips • square + pozi

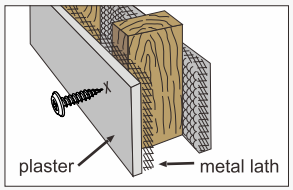
Program

Dimensions (dxL)mm
#8X1/2"
#8X3/4"
#8X1"
#8X1-1/4"
#8X1-5/8"

Material	C1022
Coating	Zinc / Yellow Zinc

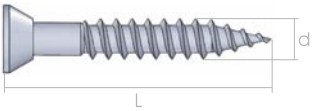
	#8	
Torsional Strength (kg/cm)	45min	
Case Hardness (Hv/0.3kg)	500-800	
Salt & Spray Test (hrs)	48min	
Drilling Time (sec)	1.8	

Installation diagram



● For fastening metal lath in stucco and other appplication to wood.

Drywall trim head, fine thread



• phillips recess • square

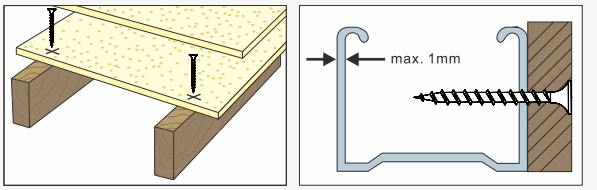
Program

Dimensions (dxL)mm	
#6X1"	#8X2"
#6X1-5/8"	#8X2-1/4"
#6X2-1/4"	#8X2-1/2"
#6X2-1/2"	#8X3"

Material	C1022
Coating	Black phosphate / Grey phosphate / Zinc

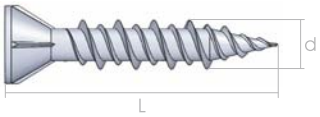
	#6	#8	
Torsional Strength (kg/cm)	28min	45min	
Case Hardness (Hv/300g)	500-800	500-800	
Drilling Time (sec)	1	1.8	
Drilling Thickness	1	1	

Installation diagram



- Trim head for attaching wood trim and base or wood/metal stud.

Fermacell screws trim head, Hi-Lo thread, with 4 nibs under head



• phillip recess

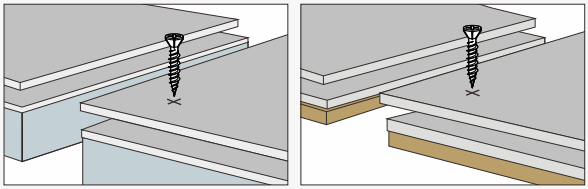
Program

Dimensions (dXL)mm	
3.6X19	3.9X19
3.6X25	3.9X25
3.6X35	3.9X35
3.6X45	3.9X45
3.6X55	3.9X55
	3.9X65

Material	C1022
Coating	Black phosphate / Grey phosphate

	3.6mm	3.9mm	
Torsional Strength (kg/cm)	28min	35min	
Case Hardness (Hv/300g)	500-800	500-800	
Salt & Spray Test (hrs)	48min	48min	

Installation diagram

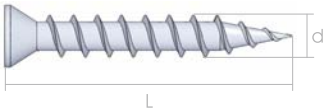


• Use for application of fermacell board.

Chipboard Screws

sheh fung screws company

Flat head, chipboard thread



- phillip
- pozi
- square
- 6-lobe

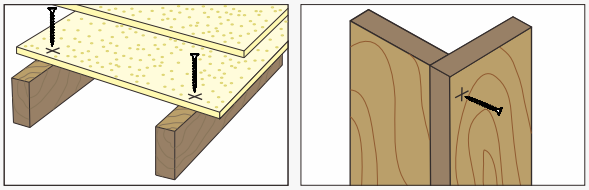
Program

Dimensions (dXL)mm					
3.0X13	3.5X13	4.0X16	4.5X20	5.0X30	6.0X30
3.0X16	3.5X16	4.0X20	4.5X25	5.0X40	6.0X40
3.0X18	3.5X20	4.0X25	4.5X30	5.0X50	6.0X50
3.0X20	3.5X25	4.0X30	4.5X35	5.0X60	6.0X60
3.0X25	3.5X30	4.0X35	4.5X40	5.0X70	6.0X70
3.0X30	3.5X35	4.0X40	4.5X45	5.0X80	6.0X80
3.0X35	3.5X40	4.0X45	4.5X50	5.0X90	6.0X90
3.0X40	3.5X45	4.0X50	4.5X60	5.0X100	6.0X100
		4.0X60	4.5X70		6.0X110
					6.0X120
					6.0X130
					6.0X140

Material	C1022
Coating	Yellow Zinc, Zinc

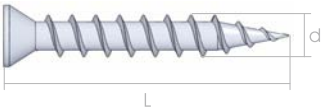
	3.0	3.5	4.0	4.5	5.0	6.0
Torsional Strength (Nm)	1.5min	2.0min	3.0min	4.3min	6.2min	10.8min
Case Hardness (Hv/300g)	400-600	400-600	400-600	450-600	450-600	450-600

Installation diagram



- Suitable for general fixing of chipboard eg carbinets, furnitures, kitchens, office partitons, etc.

Flat head, with hole, chipboard thread



• pozi with hole

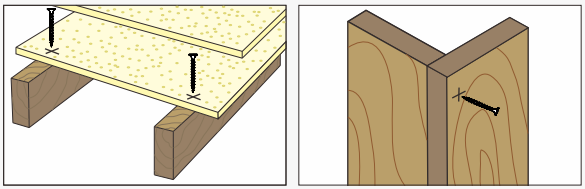
Program

Dimensions (dxL)mm
4.5X25
4.5X28
4.5X30
4.5X35
4.5X40
4.5X50
4.5X60
4.5X70

Material	C1022
Coating	Yellow Zinc, Zinc

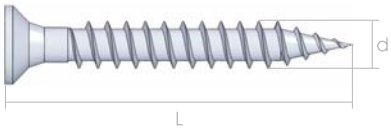
	4.5mm	
Torsional Strength (Lb-in)	56min	
Case Hardness (Hv/0.3kg)	500-800	

Installation diagram



● Suitable for attach chipboard.

Double flat head, chipboard thread



- phillip
- pozi
- square
- 6-lobe

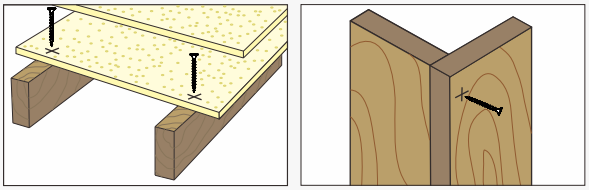
Program

Dimensions (dxL)mm					
3.0X12	3.5X16	4.0X16	4.5X20	5.0X20	6.0X30
3.0X16	3.5X20	4.0X20	4.5X25	5.0X25	6.0X40
3.0X20	3.5X25	4.0X25	4.5X30	5.0X30	6.0X50
3.0X25	3.5X30	4.0X30	4.5X35	5.0X40	6.0X60
3.0X30	3.5X35	4.0X35	4.5X40	5.0X50	6.0X70
3.0X35	3.5X40	4.0X40	4.5X45	5.0X60	6.0X80
	3.5X45	4.0X45	4.5X50	5.0X70	6.0X90
		4.0X50	4.5X55	5.0X80	6.0X100
		4.0X55	4.5X60	5.0X90	6.0X110
		4.0X60	4.5X65	5.0X100	6.0X120
			4.5X70		6.0X130
			4.5X75		6.0X140
					6.0X150

Material	C1022
Coating	Yellow Zinc, Zinc

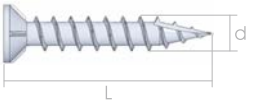
	3.0	3.5	4.0	4.5	5.0	6.0
Torsional Strength (Nm)	1.5min	2.0min	3.0min	4.3min	6.2min	10.8min
Case Hardness (Hv/0.3kg)	450-600	450-600	450-600	450-600	450-600	450-600

Installation diagram



- Suitable for attach chipboard.

Double flat head, with nibs under head, chipboard thread, type 17



- phillip
- pozi
- square
- 6-lobe

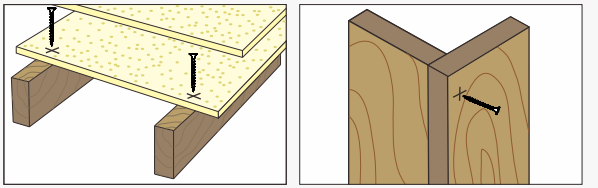
Program

Dimensions (dXL)mm					
3.0X19	3.5X19	4.0X19	4.5X20	5.0X25	6.0X30
3.0X25	3.5X25	4.0X25	4.5X25	5.0X30	6.0X40
3.0X30	3.5X30	4.0X30	4.5X30	5.0X40	6.0X50
3.0X35	3.5X35	4.0X35	4.5X35	5.0X50	6.0X60
	3.5X40	4.0X40	4.5X40	5.0X60	6.0X70
	3.5X45	4.0X45	4.5X45	5.0X70	6.0X80
		4.0X50	4.5X50	5.0X80	6.0X90
		4.0X55	4.5X55	5.0X90	6.0X100
		4.0X60	4.5X60	5.0X100	6.0X110
			4.5X65		6.0X120
			4.5X70		6.0X130
					6.0X140
					6.0X150

Material	C1022
Coating	Yellow Zinc, Zinc

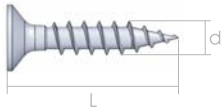
	3.0	3.5	4.0	4.5	5.0	6.0
Torsional Strength (Nm)	1.5min	2.0min	3.0min	4.3min	6.2min	10.8min
Case Hardness (Hv/0.3kg)	500-700	500-700	500-700	500-700	500-700	500-700

Installation diagram



- Suitable for attach chipboard.

Wafer head with neck under head chipboard thread



• phillip • square

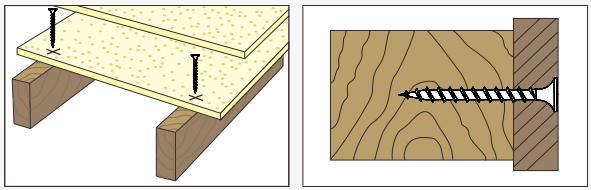
Program

Dimensions (dxL)mm	
4.5X25	5.0X25
4.5X28	5.0X28
4.5X30	5.0X30
4.5X35	5.0X35
4.5X40	5.0X40
4.5X45	5.0X45
4.5X50	5.0X50
4.5X55	5.0X55
4.5X60	5.0X60
4.5X65	5.0X65

Material	C1022
Coating	Yellow Zinc, Zinc

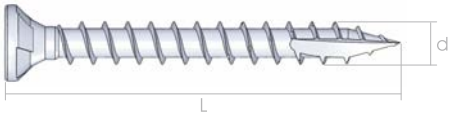
	4.5mm	5.0mm	
Torsional Strength (Nm)	4.3min	6.2min	
Case Hardness (Hv/0.3kg)	500-700	500-700	

Installation diagram



• For attach chipboard, wood to wood application required in wafer head.

Flat head with three obliques, thread with flutes, type 17



• pozi drive with 3 obliques

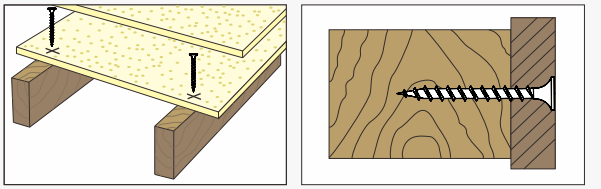
Program

Dimensions (dXL)mm					
3.0X16	3.5X16	4.0X16	4.5X16	5.0X20	6.0X30
3.0X20	3.5X20	4.0X20	4.5X20	5.0X25	6.0X40
3.0X25	3.5X25	4.0X25	4.5X25	5.0X30	6.0X50
3.0X30	3.5X30	4.0X30	4.5X30	5.0X35	6.0X60
3.0X35	3.5X35	4.0X35	4.5X35	5.0X40	6.0X70
3.0X40	3.5X40	4.0X40	4.5X40	5.0X50	6.0X80

Material	C1022
Coating	Yellow Zinc, Zinc

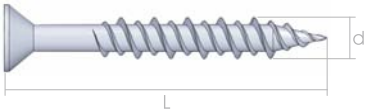
	3.0	3.5	4.0	4.5	5.0	6.0
Torsional Strength (Nm)	1.5min	2.0min	3.0min	4.3min	6.2min	10.8min
Case Hardness (Hv/0.3kg)	500-700	500-700	500-700	500-700	500-700	500-700

Installation diagram



• Suitable for attach chipboard.

Flat head, Hi-Lo thread



• pozi

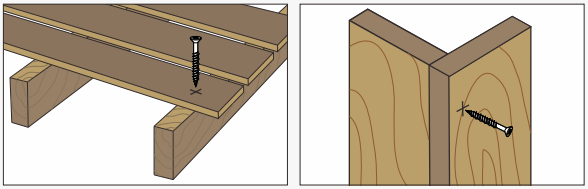
Program

Dimensions (dXL)mm	
#8X1-1/8"	#10X1-1/8"
#8X1-1/4"	#10X1-1/4"
#8X1-1/2"	#10X1-1/2"
#8X1-3/4"	#10X1-3/4"
#8X2"	#10X2"
#8X2-1/4"	#10X2-1/4"
#8X2-1/2"	#10X2-1/2"

Material	C1022
Coating	Yellow Zinc, Zinc

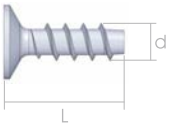
	#8	#10	
Torsional Strength (Lb-in)	30min	38min	
Case Hardness (Hv/0.3kg)	500-800	500-800	

Installation diagram



- Serve as a general purpose screw in medium hardwood.

Flat head, chipboard thread blunt point



• pozi

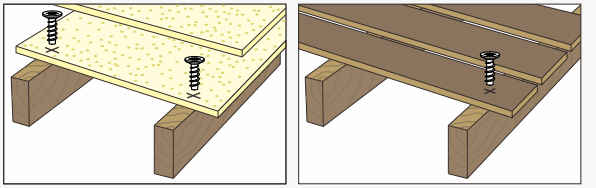
Program

Dimensions (dxL)mm
4.0X8
4.0X11
4.0X12
4.0X17

Material	C1022
Coating	Zinc, Nickel

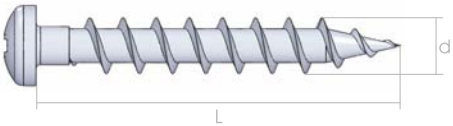
	4.0mm		
Torsional Strength (Nm)	3.0min		
Case Hardness (HRC)	500-700		

Installation diagram



● Use for attach plastic plate, chipboard application.

Pan head, chipboard thread



- phillip
- pozi
- square

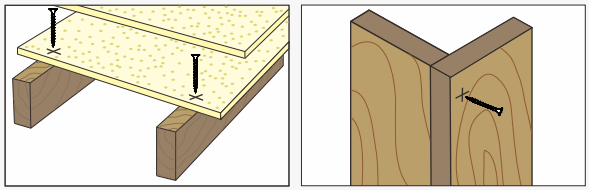
Program

Dimensions (dXL)mm					
3.0X13	3.5X16	4.0X16	4.5X20	5.0X25	6.0X30
3.0X16	3.5X19	4.0X19	4.5X25	5.0X30	6.0X35
3.0X19	3.5X25	4.0X25	4.5X30	5.0X35	6.0X40
3.0X25	3.5X30	4.0X30	4.5X35	5.0X40	6.0X50
3.0X30	3.5X35	4.0X35	4.5X40	5.0X45	6.0X60
	3.5X40	4.0X40	4.5X45	5.0X50	6.0X70
		4.0X45	4.5X50	5.0X55	6.0X80
		4.0X50	4.5X55	5.0X60	6.0X90
			4.5X60	5.0X65	6.0X100
				5.0X70	6.0X110
				5.0X80	6.0X120
					6.0X130

Material	C1022
Coating	Yellow Zinc, Zinc

	3.0	3.5	4.0	4.5	5.0	6.0
Torsional Strength (Nm)	1.5min	2.0min	3.0min	4.3min	6.2min	10.8min
Case Hardness (Hv/0.3kg)	500-700	500-700	500-700	500-700	500-700	500-700

Installation diagram

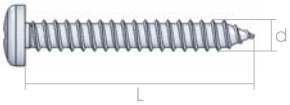


- Suitable for chipboard.

Self Tapping Screws

sheh fung screws company

Pan head, Type AB thread



- phillip
- 6-lobe
- square
- slot

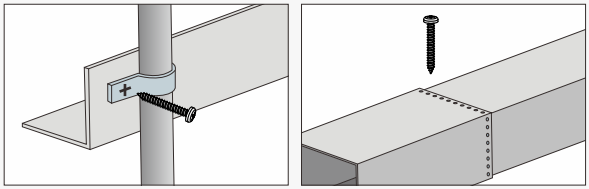
Program

Dimensions (dXL)mm					
3.5X13	3.9X13	4.2X13	4.8X13	5.5X16	6.3X25
3.5X16	3.9X16	4.2X16	4.8X16	5.5X19	6.3X32
3.5X19	3.9X19	4.2X19	4.8X19	5.5X25	6.3X38
3.5X25	3.9X25	4.2X25	4.8X25	5.5X32	6.3X50
3.5X32	3.9X32	4.2X32	4.8X32	5.5X38	6.3X63
	3.9X38	4.2X38	4.8X38	5.5X50	6.3X75
			4.8X50	5.5X63	6.3X90

Material	C1022
Coating	Yellow Zinc, Zinc

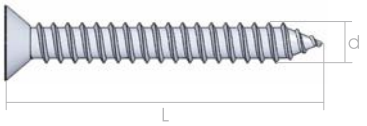
	3.5	3.9	4.2	4.8	5.5	6.3
Torsional Strength (Lb/in)	13min	30min	39min	56min	88min	142min
Case Hardness (Hv/0.3kg)	500-800	500-800	500-800	500-800	500-800	500-800

Installation diagram



- For attach thin metal or plastic material.

Flat head, Type AB thread



- phillip
- 6-lobe
- square
- slot

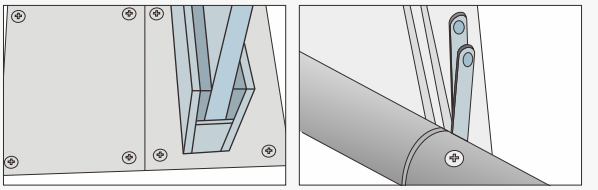
Program

Dimensions (dxL)mm				
2.9X13	3.5X13	3.9X13	4.2X13	4.8X19
2.9X16	3.5X16	3.9X16	4.2X16	4.8X25
2.9X19	3.5X19	3.9X19	4.2X19	4.8X32
2.9X25	3.5X25	3.9X25	4.2X25	4.8X38
	3.5X32	3.9X32	4.2X32	4.8X50
		3.9X38	4.2X38	4.8X63

Material	C1022
Coating	Yellow Zinc, Zinc

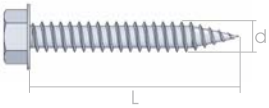
	2.9	3.5	3.9	4.2	4.8
Torsional Strength (Lb/in)	13min	30min	24min	39min	56min
Case Hardness (Hv/0.3kg)	500-800	500-800	500-800	500-800	500-800

Installation diagram



- Used for application where protrusion of the fastener above the mating surface is unacceptable.

Hex washer head, Type AB thread



• Hex washer head

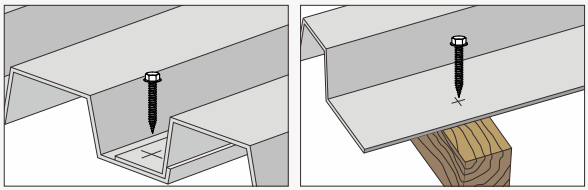
Program

Dimensions (dXL)mm		
4.8X13	5.5X16	6.3X25
4.8X16	5.5X19	6.3X32
4.8X19	5.5X25	6.3X38
4.8X25	5.5X32	6.3X50
4.8X32	5.5X38	6.3X63
4.8X38	5.5X50	6.3X75

Material	C1022
Coating	Zinc, Ruspert

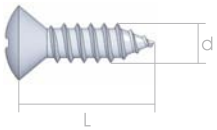
	4.8mm	5.5mm	6.3mm
Torsional Strength (Lb/in)	56min	88min	142min
Case Hardness (Hv/0.3kg)	500-800	500-800	500-800

Installation diagram



• Where the higher tightening torque is required for stitching purpose.

Oval head, Type AB thread



• Phillip

Program

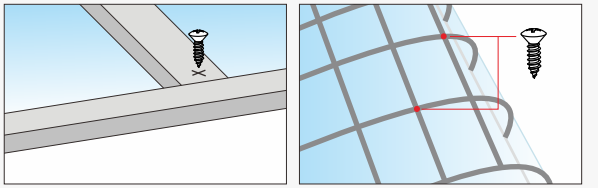
Dimensions (dxL)mm

3.5X13	3.9X13	4.2X13	4.8X16	5.5X19	6.3X25
3.5X16	3.9X16	4.2X16	4.8X19	5.5X25	6.3X32
3.5X19	3.9X19	4.2X19	4.8X25	5.5X32	6.3X38
3.5X25	3.9X25	4.2X25	4.8X32	5.5X38	6.3X50
3.5X32	3.9X32	4.2X32	4.8X38	5.5X50	6.3X63
	3.9X38	4.2X38	4.8X50	5.5X63	6.3X75

Material	C1022
Coating	zinc

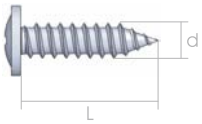
	3.5	3.9	4.2	4.8	5.5	6.3
Torsional Strength (Lb/in)	24min	30min	39min	56min	88min	142min
Case Hardness (Hv/0.3kg)	500-800	500-800	500-800	500-800	500-800	500-800

Installation diagram



• For application when a more decorative finish look is desired.

Modified truss head, type AB thread



• phillip

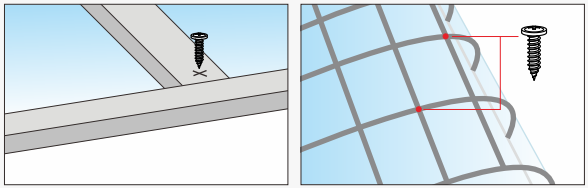
Program

Dimensions (dXL)mm
4.2X13
4.2X16
4.2X19
4.2X25
4.2X32
4.2X38

Material	C1022
Coating	Zinc

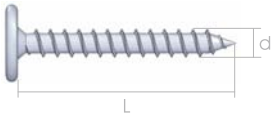
	4.2mm
Torsional Strength (Lb/in)	39min
Case Hardness (Hv/0.3kg)	500-800

Installation diagram



• For attach thin metal or plastic material.

Pancake head, type A thread



• phillip

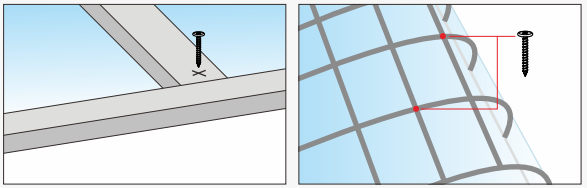
Program

Dimensions (dxL)mm	
4.8X19	5.5X25
4.8X25	5.5X32
4.8X32	5.5X38
4.8X38	5.5X50
4.8X50	5.5X63

Material	C1022
Coating	Zinc, Ruspert

	4.8mm	5.5mm	
Torsional Strength (Lb/in)	56min	88min	
Case Hardness (Hv/0.3kg)	500-800	500-800	

Installation diagram



• Very low profile with a large bearing surface.

Hex washer head, sandwich panel thread

• Hex washer head

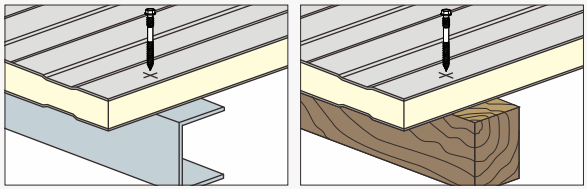
Program

Dimensions (dxL)mm			
5.5X60	5.5X150	6.3X60	6.3X150
5.5X75	5.5X170	6.3X75	6.3X170
5.5X95	5.5X190	6.3X95	6.3X190
5.5X100	5.5X210	6.3X100	6.3X210
5.5X125	5.5X230	6.3X125	6.3X230
5.5X135	5.5X250	6.3X135	6.3X250

Material	C1022
Coating	Zinc, Ruspert, Kaitex

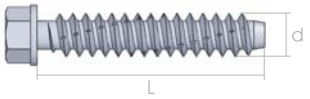
	5.5mm	6.3mm
Torsional Strength (Nm)	10.4min	16.9min
Case Hardness (Hv/0.3kg)	650min	650min

Installation diagram



• For fixing steel profile components, plastic, and fiber cement sheet and sandwich panel for longer extension.

Hex washer head, type B blunt point with flute



• Hex washer head

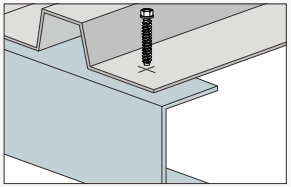
Program

Dimensions (dxL)mm
6.3X19
6.3X25
6.3X32
6.3X38
6.3X50
6.3X63

Material	C1022
Coating	Zinc, Ruspert, Kaitex

	6.3mm
Torsional Strength (Nm)	16.9min
Case Hardness (Hv/0.3kg)	450min

Installation diagram

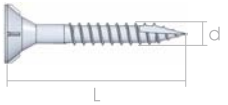


- Proven fastener for fixing steel profile components, plastic and fiber cement sheet.
- Tapps into a pre-drilled hole.

Decking Screws

shen fung screws company

Double flat head with 4 nib under head, deep thread, type 17



- phillip
- 6-lobe
- square

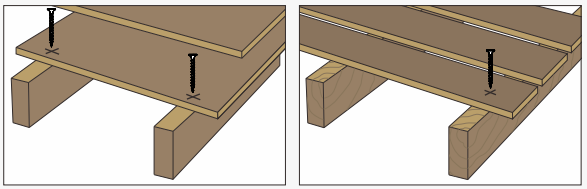
Program

Dimensions (dxL)mm		
7X1/2"	8X1/2"	10X3/4"
7X5/8"	8X5/8"	10X1"
7X3/4"	8X3/4"	10X1-1/4"
7X1"	8X1"	10X1-1/2"
	8X1-1/4"	10X2"
	8X1-1/2"	10X2-1/2"

Material	C1022
Coating	Zinc + Plating

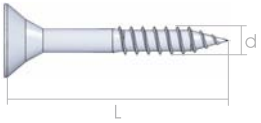
	7mm	8mm	10mm	
Torsional Strength (Lb/in)	33min	39min	48.5min	
Case Hardness (Hv/0.3kg)	500-700	500-700	500-700	

Installation diagram



- for cleck, wood installation purpose.

Double flat head, coarse thread



- phillip
- 6-lobe
- square

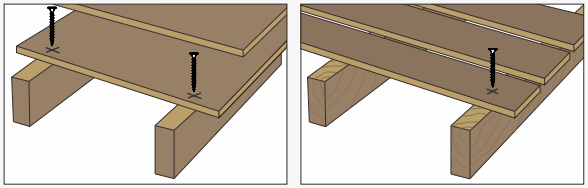
Program

Dimensions (dxL)mm	
8X1/2"	10X3/4"
8X5/8"	10X1"
8X3/4"	10X1-1/4"
8X1"	10X1-1/2"
8X1-1/4"	10X2"
8X1-1/2"	10X2-1/2"

Material	C1022
Coating	Zinc + Painting

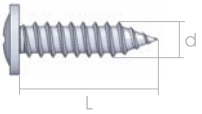
	8mm	10mm
Torsional Strength (Lb/in)	39min	48.5min
Case Hardness (Hv/0.3kg)	500-700	500-700

Installation diagram



- For deck, wood installation purpose.

Wafer head, deep thread



• phillip

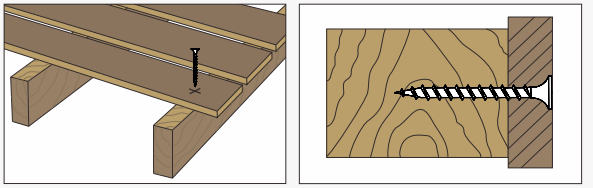
Program

Dimensions (dxL)mm
4.2X13
4.2X16
4.2X19
4.2X25
4.2X32
4.2X38

Material	C1022
Coating	Zinc, Yellow Zinc

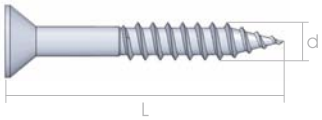
	4.2mm
Torsional Strength (Lb/in)	39min
Case Hardness (Hv/0.3kg)	500-800

Installation diagram



• For attaching wood to wood application.

Flat head, twinfast thread, 2/3 thread



• phillip

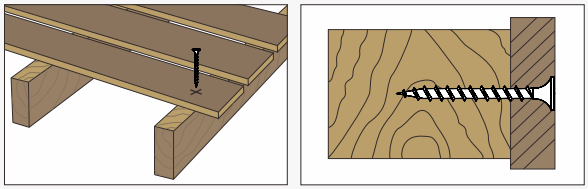
Program

Dimensions (dxL)mm		
8X3/4"	9X1"	10X1"
8X1"	9X1-1/4"	10X1-1/4"
8X1-1/4"	9X1-1/2"	10X1-1/2"
8X1-1/2"	9X2"	10X2"
8X2"	9X2-1/4"	10X2-1/4"
8X2-1/4"	9X2-1/2"	10X2-1/2"

Material	C1022
Coating	Zinc, Yellow Zinc

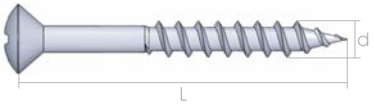
	#8	#9	#10	
Torsional Strength (Lb/in)	39min	47min	56min	
Case Hardness (Hv/0.3kg)	500-800	500-800	500-800	

Installation diagram



- For attaching wood to wood or other wooden application.

Oval head, deep thread



• phillip • square

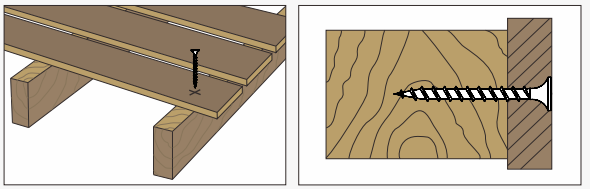
Program

Dimensions (dxL)mm
6X5/8"
6X3/4"
6X7/8"
6X1"
6X1-1/4"
6X1-1/2"

Material	C1022
Coating	Zinc, Yellow Zinc

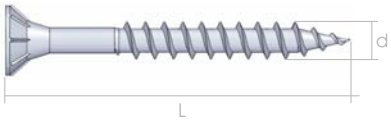
	#6			
Torsional Strength (Lb/in)	30min			
Case Hardness (Hv/0.3kg)	500-800			

Installation diagram



• Use for application for set flush with the surface.

Double flat head with 8 nibs under head coarse thread



• phillip

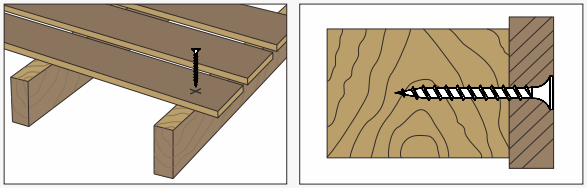
Program

Dimensions (dxL)mm		
7X1-3/8"	8X1-1/4"	9X2"
7X1-5/8"	8X1-1/2"	9X2-1/4"
7X1-1/4"	8X2"	9X2-1/2"
7X1-1/2"	8X2-1/4"	9X3"
7X2"	8X2-1/2"	9X3-1/4"
7X2-1/4"	8X3"	9X3-1/2"

Material	C1022
Coating	Yellow Zinc, Kaitex

	#7	#8	#9	
Torsional Strength (Lb/in)	30min	39min	47min	
Case Hardness (Hv/0.3kg)	500-800	500-800	500-800	

Installation diagram



• Use for application for set flush with the surface.

Flat head with 6 nibs under head, type 17 partial thread, with knurled on shank

• square • 6-lobe

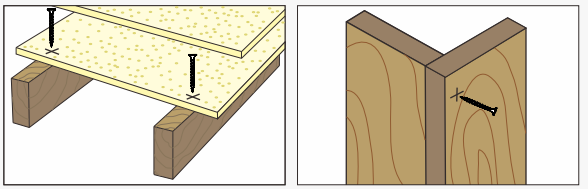
Program

Dimensions (dxL)mm	
5.0X60/40	6.0X80/40
5.0X70/40	6.0X100/70
5.0X80/40	6.0X120/70
5.0X90/40	6.0X140/70
5.0X100/60	6.0X160/70
5.0X120/60	

Material	1022
Coating	Zinc, Passivated

	5.0mm	6.0mm	
Torsional Strength (Lb/in)	64min	111min	
Case Hardness (HRC)	52min	52min	

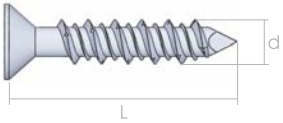
Installation diagram



• Suitable for chipboard.

Others Screws

Concrete screw, flat head, Hi-Lo thread, diamond point



• phillip recess

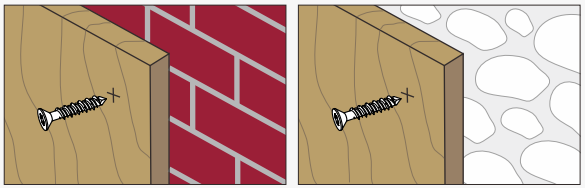
Program

Dimensions (dxL)mm	
4.8X32	6.3X32
4.8X45	6.3X45
4.8X55	6.3X55
4.8X70	6.3X70
4.8X80	6.3X80
4.8X95	6.3X95
4.8X100	6.3X100
4.8X125	6.3X125

Material	C1022
Coating	Ruspert Blue

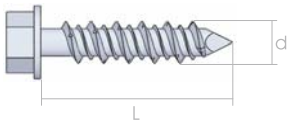
	4.8mm	6.3mm	
Torsional Strength (Lb/in)	88min	142min	
Case Hardness (Hv/0.3kg)	560min	560min	
Core Hardness (Hv)	240-425	240-425	

Installation diagram



• Suitable for soft brick, and for plywood backer boards to masonry.

Concrete screw, Hex washer head, Hi-Lo thread, diamond point



• Hex washer head

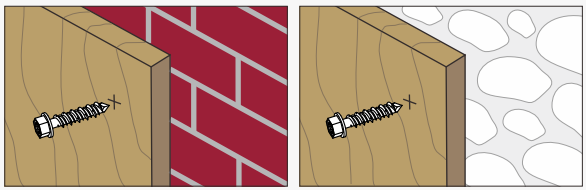
Program

Dimensions (dxL)mm	
4.8X32	6.3X32
4.8X45	6.3X45
4.8X55	6.3X55
4.8X70	6.3X70
4.8X80	6.3X80
4.8X95	6.3X95
4.8X100	6.3X100
4.8X125	6.3X125

Material	C1022
Coating	Ruspert Blue

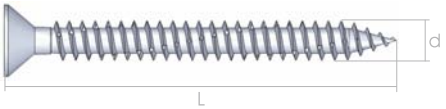
	4.8mm	6.3mm	
Torsional Strength (Lb/in)	88min	142min	
Case Hardness (Hv)	560min	560min	
Core Hardness (Hv)	240-425	240-425	

Installation diagram



• Suitable for soft brick, and for plywood backer boards to masonry.

Concrete screws, flat head, torx recess



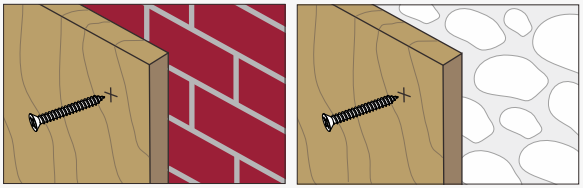
• 6-lobe

Program

Dimensions (dxL)mm		
7.5X42	7.5X102	7.5X162
7.5X52	7.5X112	7.5X182
7.5X62	7.5X122	7.5X202
7.5X72	7.5X132	7.5X212
7.5X82	7.5X142	
7.5X92	7.5X152	

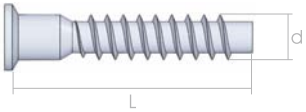
Material	C1022
Coating	Yellow Zinc, Zinc

Installation diagram



• Suitable for window frame installation purpose.

Confirmat screws



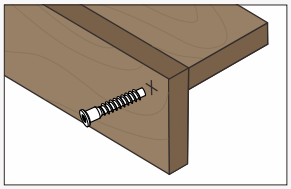
- phillip
- 6-lobe
- square

Program

Dimensions (dXL)mm		
5.0X40	6.3X40	7.0X50
5.0X50	6.3X50	7.0X60
		7.0X70

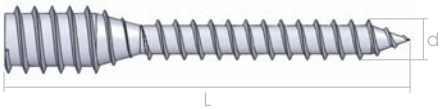
Material	C1006
Coating	Zinc, Black Oxide

Installation diagram



- Superior job for holding particle board and similar panels to each other.

Spacer screws, unharden



 • 6-lobe

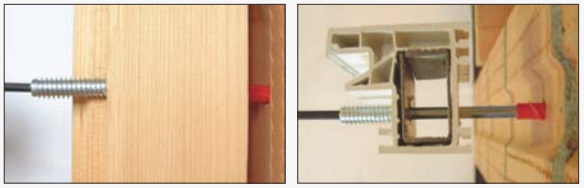
 • hex

Program

Dimensions (dXL)mm
M6X60
M6X80
M6X100
M6X120
M6X150
M6X180
M6X200
M6X250
M6X300

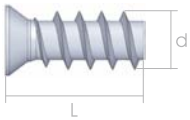
Material	C1006
Coating	Zinc, Yellow Zinc, Kaitex

Installation diagram



- Thread section canbe insert into a base member, a head section which can be introduced into a structural member and has a thread and a shank section arranged in between.

Euro screws flat head unharden fine thread



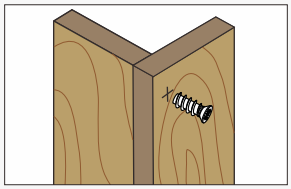
- phillip
- pozi
- square
- square+pozi+phillip+quadrex

Program

Dimensions (dXL)mm	
5.5X7.5	6.3X7.5
5.5X10	6.3X10
5.5X11.5	6.3X11.5
5.5X13	6.3X13
5.5X15	6.3X15
5.5X20	6.3X20
5.5X25	6.3X25

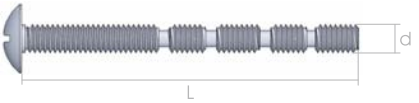
Material	C1006
Coating	Zinc, Black Oxide, Nickel

Installation diagram



- Application for hinge bar, drawer, cabinet.

Break machine screws, truss head, wood thread



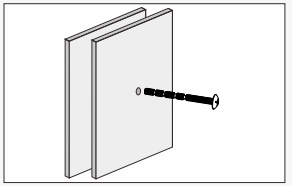
• phillip

Program

Dimensions (dxL)mm
M4X45
M4X55
M4X65
M4X75

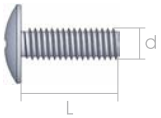
Material	C1006
Coating	Yellow Zinc, Zinc

Installation diagram



● Suitable for attach object with different thickness.

Machine screws, truss head



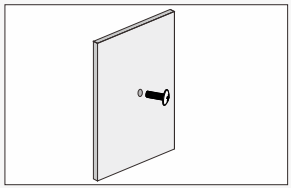
• phillip

Program

Dimensions (dXL)mm	
M4X8	M4X32
M4X12	M4X35
M4X15	M4X38
M4X18	M4X40
M4X20	M4X45
M4X22	M4X50
M4X25	M4X60
M4X28	

Material	C1006
Coating	Zinc, Black Oxide

Installation diagram



- Often driven into tapped hole and comes with joint with nuts.

Stainless Steel Screws

sheh fung screws company

SS309 Stainless Steel

Stainless steel: Steel contains Cr, which is greater than 12 wt%, to form a protective chromium oxide about 1-2 mu thick at the surface to resist corrosion. Type 304 is the basic 18Cr-8Ni (wt%) austenitic stainless steel. 316, which contains up to 3 wt% Mo, offers an improved general and pitting corrosion resistance. However, stainless steels may still be not adequate to resist corrosion in acids such as HCl, H2SO4 or high concentrations of chlorides (such as sodium chloride in sea water) because of breaking down of oxide layer. Grades high in chromium, and particularly molybdenum and nitrogen, are more resistant to pitting corrosion, like 309 Mo, 254 SMO or DSS 2205, etc..

Pitting corrosion: The local destruction of the passive film and subsequent corrosion of the steel is call pitting corrosion, especially in chloride solution. The Pitting Resistance Equivalent number (**PRE**) has been found to give a good indication of the pitting resistance of stainless steels. The PRE can be calculated as:

PRE = %Cr + 3.3 x %Mo + 16 x %N

Increasing the Cr content or adding Mo, N can enhance the pitting resistance, whereas, Nickel significantly improves the general corrosion resistance of stainless steels, by promoting passivation. Therefore, austenitic stainless steels possess superior corrosion resistance and ductility when compares with martensitic or ferritic stainless steels (with zero or low nickel concentrations).

Calculation of PRE:

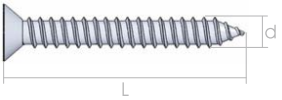
type of Stainless Steel	percentage of element(wt%)				PRE
	Cr	Ni	Mo	N	
304 SS	18~20	8~10.5	–	–	18.4
304L SS	18~20	9~13	–	–	18.4
316 SS	16~18	10~14	2~3	–	23.3
316L SS	16~18	10~15	2~3	–	24.3
309Mo SS	23~25	10~14	2~3	–	31.3
254SMO	20	18	6.1	0.2	43
DSS2205	22	5	3	0.14	34.1

Note: DSS 2205 is difficult to deform except hot-forge of the steel.
254 SMO is developed for use in sea water.

Material	Yield Stress(ksi)	Tensile Stress(ksi)	Resistant Corrosion	Ductility	Hardness
316	42	84	Good	Good	~89HRB
309	45	90	Excellent	Good	~92HRB

Material	Salt Spray Test
316L	1896 hrs
309Mo	3216 hrs

Self tapping screws, flat head, type AB thread



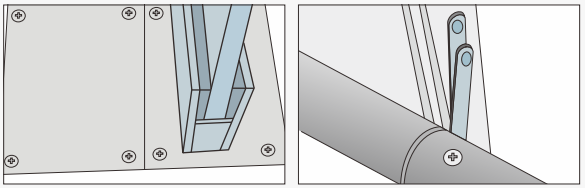
• phillip

Program

Dimensions (dXL)mm		
4.2X16	4.8X16	5.5X19
4.2X19	4.8X19	5.5X25
4.2X25	4.8X25	5.5X32
4.2X32	4.8X32	5.5X38
4.2X38	4.8X38	5.5X50

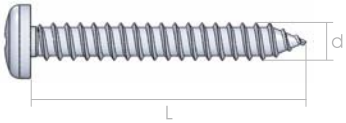
Material	SS302
Coating	Plain, Zinc

Installation diagram



● Used for application where protrusion of the fastener above the mating surface is unacceptable.

Self tapping screws, pan head, type AB thread



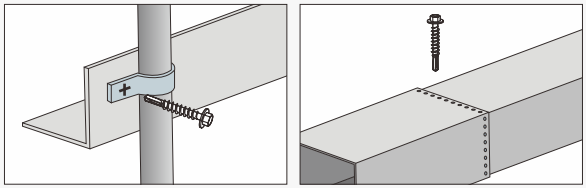
• phillip

Program

Dimensions (dxL)mm		
4.2X16	4.8X16	5.5X19
4.2X19	4.8X19	5.5X25
4.2X25	4.8X25	5.5X32
4.2X32	4.8X32	5.5X38
4.2X38	4.8X38	5.5X50

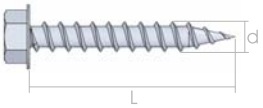
Material	SS302
Coating	Plain, Zinc

Installation diagram



• For attach thin metal or plastic material.

Self tapping screws, indent hex washer head, type A therad



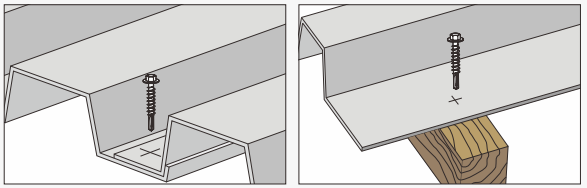
• Hex washer head

Program

Dimensions (dXL)mm	
6.5X25	6.5X75
6.5X30	6.5X80
6.5X40	6.5X90
6.5X50	6.5X100
6.5X60	6.5X115
6.5X70	6.5X130

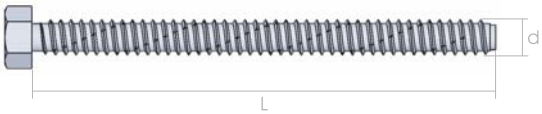
Material	SS302, 316
Coating	Plan, Zinc

Installation diagram



• Where the higher tightening torque is required for stitching purpose.

Self tapping screws, hex head, type BZ thread with flute



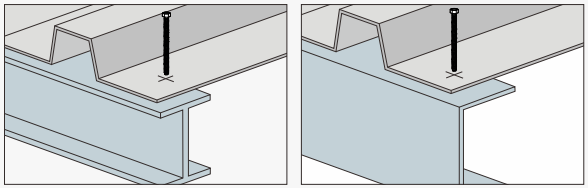
• Hex head

Program

Dimensions (dxL)mm	
6.3X25	6.3X80
6.3X30	6.3X90
6.3X40	6.3X100
6.3X50	6.3X110
6.3X60	6.3X115
6.3X70	6.3X125

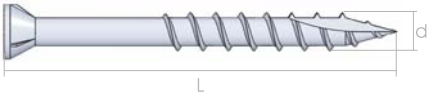
Material	SS304, 316
Coating	Plain, Zinc

Installation diagram



• For attach thin metal or plastic material.

Deck screws, trim head with 4 nibs, type 17



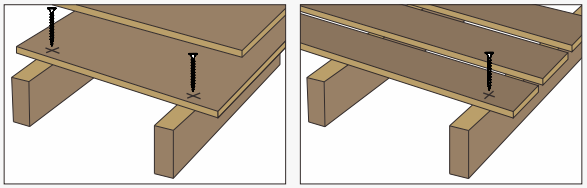
• square

Program

Dimensions (dXL)mm	
#7x1-5/8"	#8x2-1/4"
#7x2-1/4"	#8x2-1/2"
	#8x3"

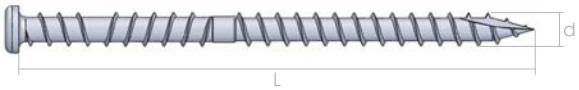
Material	SS305, 316
Coating	Plain+Painting

Installation diagram



• for deck, wood installation purpose.

Composite deck screws, mushroom head, special thread, type 17



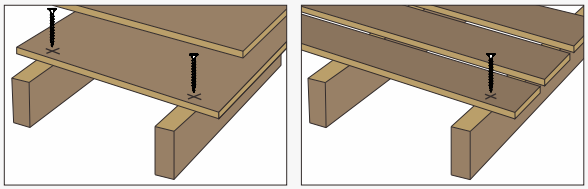
• 6-lobe

Program

Dimensions (dxL)mm
#10x2-1/2"
#10x2-3/4"
#10x3"

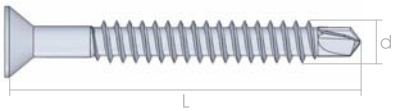
Material	SS305
Coating	Plain+Painting

Installation diagram



• Ideal for decking, fencing and siding application.

Self drilling screws, flat head, type AB



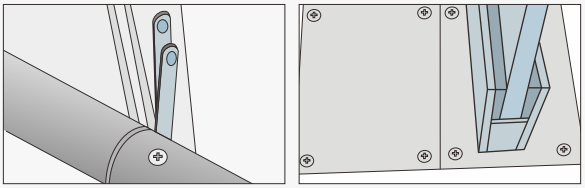
• phillip

Program

Dimensions (dXL)mm		
3.5X9	4.2X19	4.8X19
3.5X13	4.2X25	4.8X25
3.5X16	4.2X32	4.8X32
3.5X19	4.2X38	4.8X38
3.5X25	4.2X50	

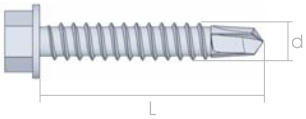
Material	SS410
Coating	Plain, Passivate, Zinc

Installation diagram



● For fixing timber to steel without predrilling timber, eg floors, trails, fences.

Self drilling screws, indented hex washer head, type AB thread



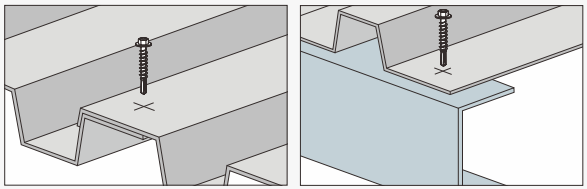
• Hex washer head

Program

Dimensions (dxL)mm			
4.2X13	4.8X13	5.5X19	6.3X19
4.2X16	4.8X16	5.5X25	6.3X25
4.2X19	4.8X19	5.5X32	6.3X32
4.2X25	4.8X25	5.5X38	6.3X38
4.2X32	4.8X32	5.5X50	6.3X50
4.2X38	4.8X38	5.5X63	6.3X63

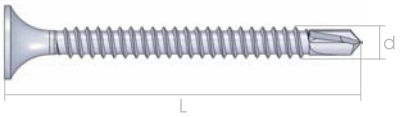
Material	SS410
Coating	Plain, Passivate, Zinc

Installation diagram



• For steel to steel applications.

Self drilling screws, bugle head, type AB thread



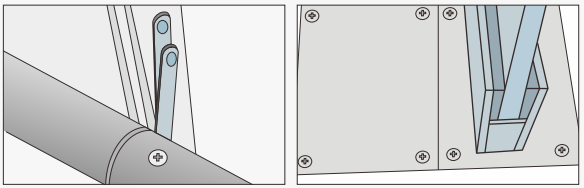
• square

Program

Dimensions (dXL)mm		
3.5X25	4.2X41	4.8X63
3.5X32	4.2X50	4.8X75
		4.8X90

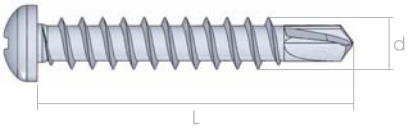
Material	SS410
Coating	Plain, Passivate, Zinc

Installation diagram



- For fixing timber to steel without predrilling timber, eg floors, trails, fences.

Self drilling screws, pan head, type AB thread



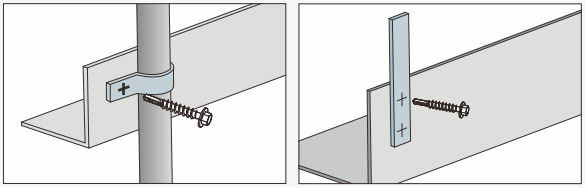
• phillip

Program

Dimensions (dxL)mm				
3.5X13	4.2X13	4.8X13	5.5X19	6.3X25
3.5X16	4.2X16	4.8X16	5.5X25	6.3X32
3.5X19	4.2X19	4.8X19	5.5X32	6.3X38
	4.2X25	4.8X25	5.5X38	6.3X50
		4.8X32	5.5X50	

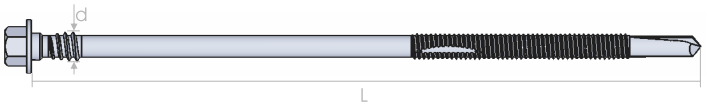
Material	SS410
Coating	Plain, Passivate, Zinc

Installation diagram



● For thin metal to thin metal.

Hex washer head, double thread #3 point, slot on shank



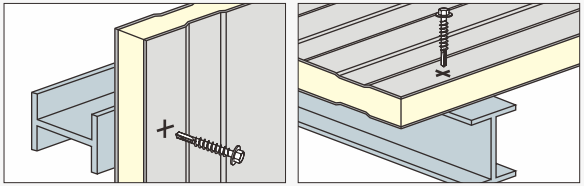
• Hex washer head

Program

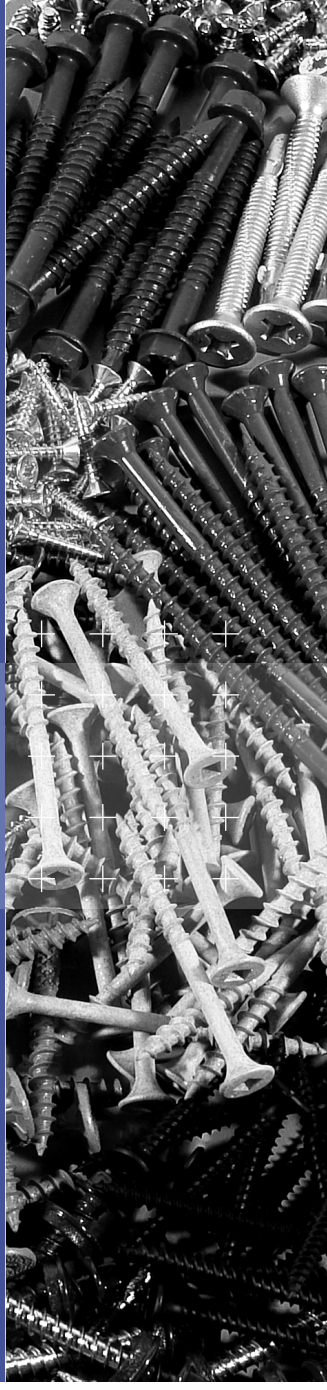
Dimensions (dXL)mm	
5.5X60	6.3X60
5.5X75	6.3X75
5.5X95	6.3X95
5.5X100	6.3X100
5.5X125	6.3X125
5.5X135	6.3X135
5.5X150	6.3X150
5.5X170	6.3X170
5.5X190	6.3X190
5.5X210	6.3X210
5.5X230	6.3X230
5.5X250	6.3X250

Material	SS 302, SS 304
Coating	Ruspert, Zinc

Installation diagram



• Suitable for fixing on sandwich panel.



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