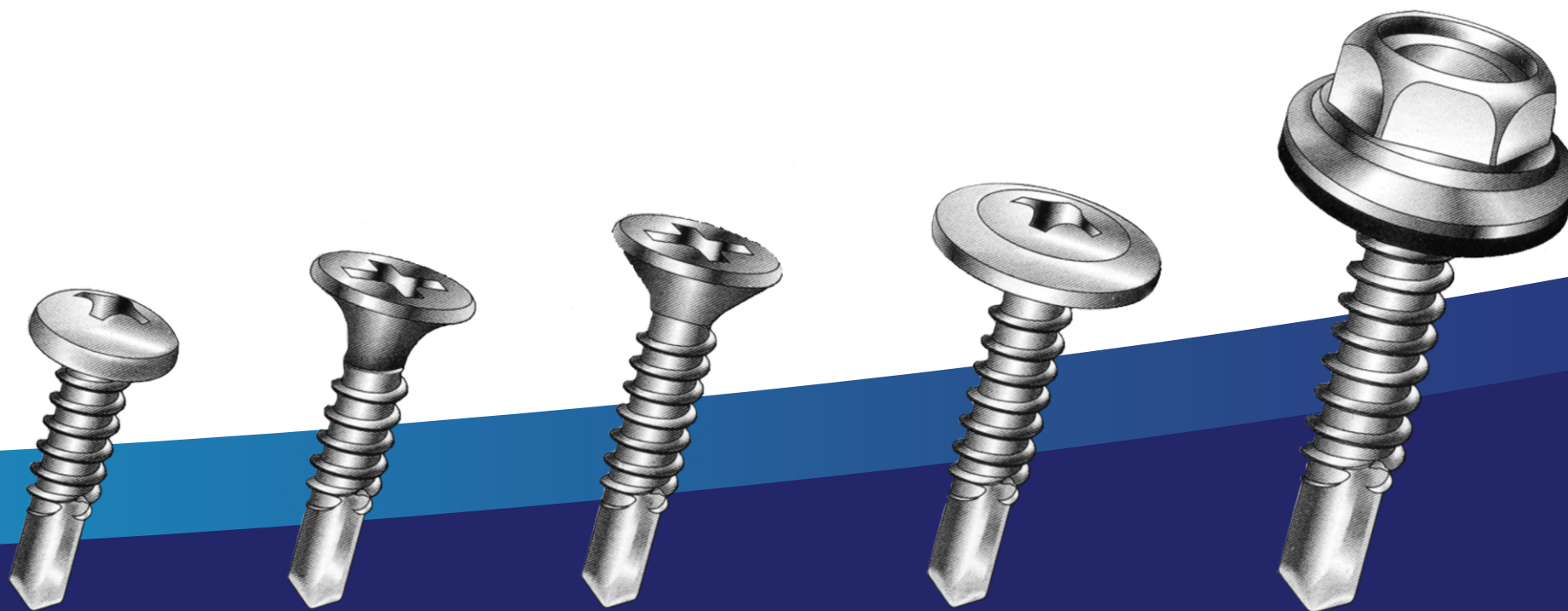




1677459



www.ptascrews.in

THE WORLD OF PTA® SCREWS

INTRODUCTION

Today Screws are one of the largest components utilized to assemble from the most elemental to the most composite application of manufacturing, forming and fixing of various objects and machineries.

It is impossible to think the world without screws but deplorably not much significance is given to these Components. The market of screws is infested with either inferior quality screws with high percentage of rejection or with good quality screws at a despicable high value unfavorable to the pockets of the Buyers, hence reluctantly they have to surrender picking either of the two products in the Market.

Keeping this dismal state of affair in mind we at **MAARG INDIA** established in the year 1997 with extensive research and development for last 2 decades in collaboration with our Japanese counterpart have successfully unleashed screws and fasteners in the brand name **PTA** with the right combination of quality, price and durability, to accomplish the desire of all the segments of industry.

Thus adhering the policy of “value for your money”

Why use PTA SCREWS?

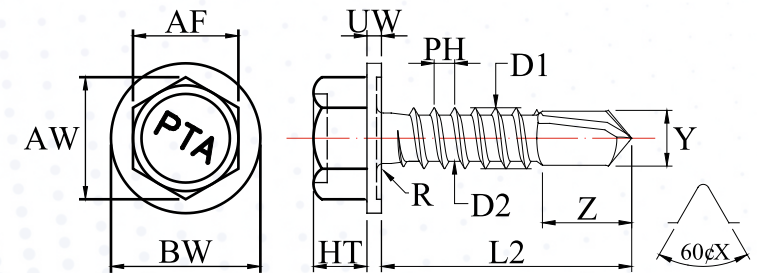
- A. All our self-drilling Screws have a unique “Z” profile at the tip which avoids slipping while drilling in the profile and restricts damage to costly roofing sheets or any other module.
- B. The curved edge at the corner of the drill point creates a digging effect which makes drilling into steel faster by 35% than the conventional drill point.
- C. All the Screws are precisely produced through sophisticated Japanese machinery facilitation precise case and core-hardening and with a strict quality check at every stage of production reducing chances of breakage and failure even under rigid conditions
- D. Different types of screws are designed to achieve ultimate outcome for various application.
- E. Special coating on screws to prevent corrosion is available (AS3566 class 3) grey color Conforming to the Australian standard, withstanding 1000 hrs salt spray test.
- F. All the screws are head marked with the brand name **PTA** as pledge of good quality and reliability. (Beware of counterfeit products available in the market)

PTA HEX HEAD SELF-DRILLING SCREW UnSlot with steel bonded Epdm washer are developed for multiple applications.

It provides high pullout strength, shear strength and maximum thread engagement for secured fastening in structural steel etc. ~Z~ profile point gives stability with digging effect for 35% faster drilling. Steel bonded eco friendly Epdm washer is provided to withstand (-) 40° to (+) 60° temperature. Additional Teflon coating on zinc plating to resist corrosion and enhances life span of the screws.

Commonly used for Metal Roofing, cladding, heavy aluminum frames, sign boards and many various applications.

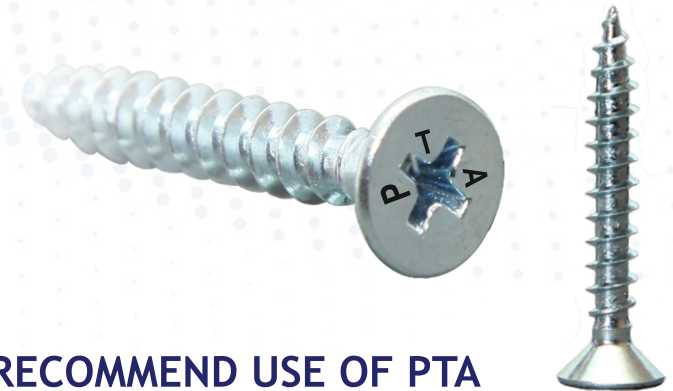
GUAGE	PART NO	Ø x LENGTH	PACKING		DRILLING CAPACITY	DRIVE	
			No. of pcs per ctn	No. of Box per ctn			
No.10	PTA1016HWHZN	4.8mm x 16mm	600 x 12		5mm	8mm Hex Socket	
	PTA1020HWHZN	4.8mm x 20mm	500 x 12				
	PTA1025HWHZN	4.8mm x 25mm	500 x 12				
No.12	PTA1220HWHZN	5.5mm x 20mm	500 x 12		6mm		8mm Hex Socket
	PTA1225HWHZN	5.5mm x 25mm	400 x 12				
	PTA1235HWHZN	5.5mm x 35mm	300 x 12				
	PTA1245HWHZN	5.5mm x 45mm	250 x 12				
	PTA1255HWHZN	5.5mm x 55mm	200 x 12				
	PTA1265HWHZN	5.5mm x 65mm	150 x 12		7mm		
	PTA1275HWHZN	5.5mm x 75mm	100 x 12				
	PTA1290HWHZN	5.5mm x 90mm	100 x 12				
	PTA12125HWHZN	5.5mm x 125mm	80 x 12				
	PTA12150HWHZN	5.5mm x 150mm	80 x 12				
No.14	PTA1425HWHZN	6.3mm x 25mm	300 x 12		10mm Hex Socket		
	PTA1438HWHZN	6.3mm x 38mm	200 x 12				
	PTA1450HWHZN	6.3mm x 50mm	150 x 12				



PTA CHIP BOARD SCREW CSK(FLAT)HEAD (Zinc Plated)

GUAGE	PART NO	Ø x LENGTH	P A C K I N G		DRIVE
			No. of pcs per Box	No. of Box per ctn	
No.5	PTA312CBSCSKZN	3.0mm x 12mm	2000 x 24		PH #1
	PTA316CBSCSKZN	3.0mm x 16mm	1500 x 24		
	PTA320CBSCSKZN	3.0mm x 20mm	1000 x 24		
	PTA325CBSCSKZN	3.0mm x 25mm	1000 x 24		
	PTA330CBSCSKZN	3.0mm x 30mm	1000 x 16		
No.6	PTA3512CBSCSKZN	3.5mm x 12mm	1500 x 24		PH #2
	PTA3516CBSCSKZN	3.5mm x 16mm	1500 x 24		
	PTA3520CBSCSKZN	3.5mm x 20mm	1000 x 24		
	PTA3525CBSCSKZN	3.5mm x 25mm	1000 x 16		
	PTA3530CBSCSKZN	3.5mm x 30mm	1000 x 16		
	PTA3535CBSCSKZN	3.5mm x 35mm	1000 x 12		
	PTA3540CBSCSKZN	3.5mm x 40mm	1000 x 12		
	PTA3550CBSCSKZN	3.5mm x 50mm	500 x 16		
No.7	PTA416CBSCSKZN	4.0mm x 16mm	1000 x 24		PH #2
	PTA420CBSCSKZN	4.0mm x 20mm	1000 x 24		
	PTA425CBSCSKZN	4.0mm x 25mm	1000 x 16		
	PTA430CBSCSKZN	4.0mm x 30mm	1000 x 12		
	PTA435CBSCSKZN	4.0mm x 35mm	1000 x 12		
	PTA440CBSCSKZN	4.0mm x 40mm	500 x 16		
	PTA445CBSCSKZN	4.0mm x 45mm	500 x 12		
	PTA450CBSCSKZN	4.0mm x 50mm	500 x 12		
	PTA460CBSCSKZN	4.0mm x 60mm	500 x 12		
	PTA475CBSCSKZN	4.0mm x 75mm	250 x 12		
No.11	PTA530CBSCSKZN	5.0mm x 30mm	500 x 16		PH #2
	PTA535CBSCSKZN	5.0mm x 35mm	500 x 12		
	PTA540CBSCSKZN	5.0mm x 40mm	500 x 12		
	PTA550CBSCSKZN	5.0mm x 50mm	400 x 12		
	PTA560CBSCSKZN	5.0mm x 60mm	300 x 12		
	PTA575CBSCSKZN	5.0mm x 75mm	200 x 12		
	PTA5100CBSCSKZN	5.0mm x 100mm	150 x 16		
No.13	PTA675CBSCSKZN	6.0mm x 75mm	200 x 12		PH #3
	PTA6100CBSCSKZN	6.0mm x 100mm	150 x 12		
	PTA6140CBSCSKZN	6.0mm x 140mm	100 x 12		

PTA chipboard screw is a self tapping screw with a thin shaft and coarse threads. Chipboard is a made up of resin and wood dust or wood chips, so the threads of chipboard screws are spaced and angled to grip and resist withdrawing from the composite material. The screws solidly fasten chipboard to chipboard or chipboard to other materials such as natural wood, particle board, Nova pan board, Plaster board etc. PTA Chipboard screws are approved to fasten low, medium and high density chipboard and other wooden structures, and the main users being furniture manufactures, interior decorators, carpenters etc.



RECOMMEND USE OF PTA

Chipboard screw for all wooden application because the pull out strength is much higher than any other screws in the market



**PHILLIPS DRIVE PH2 BITS DOUBLE SIDED POWERFUL
MAGNETISED SAND BLAST FINISH**

PTA RUSPRO SELF-DRILLING SCREW UN-SLOT FLANGE HEAD WITH EPDM WASHER.

As per Australian standard (AS3566) COLOR SILVER/GREY

PTA Ruspro Series screws are coated with at least 25µ of Mech. Galv. Zinc - Tin with 20 - 30% Tin and Balance Zinc. Over and above mechanical plating, 2 top coats are given to further enhance corrosion resistance. PTA Ruspro screws strictly comply to following Class 3 requirements with various mechanical and dimensional properties and treated appropriately to obtain the optimal performance. Therefore, using a PTA screw that has been produced to meet the Australian Standards AS3566 ensures you that the screws can be safely used externally in mild, moderate industrial or marine applications. The corrosive categories of the environment where these screws can be used are C2 and C3 classified in accordance with ISO 9223.

GUAGE	PART NO	Ø x LENGTH	PACKING		DRILLING CAPACITY	DRIVE
			No. of pcs per ctn	No. of Box per ctn		
No.10	PTA1020FHRP1000	4.8mm x 20mm	500 x 12		5mm	8mm Hex Socket
	PTA1025FHRP1000	4.8mm x 25mm	500 x 12			
No.12	PTA1225FHRP1000	5.5mm x 25mm	400 x 12		6mm	
	PTA1235FHRP1000	5.5mm x 35mm	300 x 12			
	PTA1245FHRP1000	5.5mm x 45mm	200 x 12			
	PTA1255FHRP1000	5.5mm x 55mm	200 x 12			
	PTA1265FHRP1000	5.5mm x 65mm	200 x 12			
	PTA1275FHRP1000	5.5mm x 75mm	150 x 12			

TEST RESULT

(a) When tested in a neutral salt spray in accordance with AS2331.1.3 for 1000 hrs red rust not present over more than 3 % of the significant areas of the screws and no blistering of the coating.

(b) When tested in a condensing atmosphere containing sulphur dioxide at level SFW 2.05 in accordance with DIN 50018 for 15 cycles of Kesternich test red rust not present over more than 2% of the significant areas of the screws and no blistering of the coating.

(c) when corrosion resistant PTA self-drilling screws are tested in an atmosphere of 100 percent relative humidity exposure in accordance with ASTM D2247 for 1000 hrs there is no blister density of 1 or greater.

(d) When corrosion resistant self-drilling screws are exposed to alternating ultraviolet and water with a test cycle of 4 hrs ultraviolet radiation of 60° C and 4 hrs of condensation at 50°C in accordance with ASTM G154 for 2000 hrs there is no checking, cracking, flaking or peeling, respectively.

STICH SCREW



Size
10x20

Needle point screw for stitching two steel sheet of Max-1mm Each

VALLEY FIXING



Size
10x20
10x25

Drilling capacity in steel upto 4mm

CLADDING/VALLEY FIXING



Size
12x25
12x35

Drilling capacity upto 6mm in steel

CREST FIXING



Double Thread

Size
12x45
12x55
12x65
12x75

Scratch guard

Drilling capacity 6mm in steel

CREST FIXING



Drilling capacity 12.5mm in steel mainly used for roofing and drilling in I-Beam

SPECIAL FEATURE : Additional Teflon Coating is provided to resist abrasion on screw during drilling and tapping

DRYWALL SCREW BUGLE HEAD PHILLIPS DRIVE (BLACK PHOSPHATED)

Drywall is a type of building material made from gypsum and other minerals pressed between sheets of heavy paper. It is installed on walls and ceilings using a type of fastener known as a drywall screw. This screw is used to secure the drywall to either wood or metal framing members, and is designed to minimize indentation on the face of the walls. Traditional nails tend to leave small holes in or divots in the drywall and can even come loose over a period time. Drywall screws are threaded to grip both the drywall and framing members tightly and provide a much more secure and long-lasting installation over time.

GUAGE	PART NO	Ø x LENGTH	PACKING		DRIVE
			No. of pcs per ctn	No. of Box per ctn	
No.6	PTADWS613BHBP	3.5mm x 13mm	1000	x 24	PH 2#
	PTADWS616BHBP	3.5mm x 16mm	1000	x 24	
	PTADWS619BHBP	3.5mm x 19mm	1000	x 24	
	PTADWS625BHBP	3.5mm x 25mm	1000	x 16	
	PTADWS632BHBP	3.5mm x 32mm	500	x 24	
	PTADWS638BHBP	3.5mm x 38mm	500	x 16	
	PTADWS645BHBP	3.5mm x 45mm	250	x 24	
	PTADWS650BHBP	3.5mm x 50mm	250	x 24	
No.8	PTADWS825BHBP	4.2mm x 25mm	500	x 24	
	PTADWS832BHBP	4.2mm x 32mm	250	x 16	
	PTADWS838BHBP	4.2mm x 38mm	250	x 24	
	PTADWS845BHBP	4.2mm x 45mm	250	x 24	
	PTADWS850BHBP	4.2mm x 50mm	250	x 24	
	PTADWS860BHBP	4.2mm x 60mm	250	x 24	
	PTADWS875BHBP	4.2mm x 75mm	250	x 24	
No.10	PTADWS10100BHBP	4.8mm x 100mm	125	x 24	

Recommended for fixing to light steel or wood studs
from 0.8mm up to 1mm without pre-drilling

PTA Drywall screws have very sharp pointy tip so it can pierce the drywall material easily. The threads are spaced moderately wide, since drywall may crumble easily. The bugle head of the screw keeps the drywall attached to the section and the entire screw lies flush with the surface of the drywall, creating a smooth and even finish. The Bugle head also aid to prevent the drywall screw from breaking the paper surface, a common problem with nails.

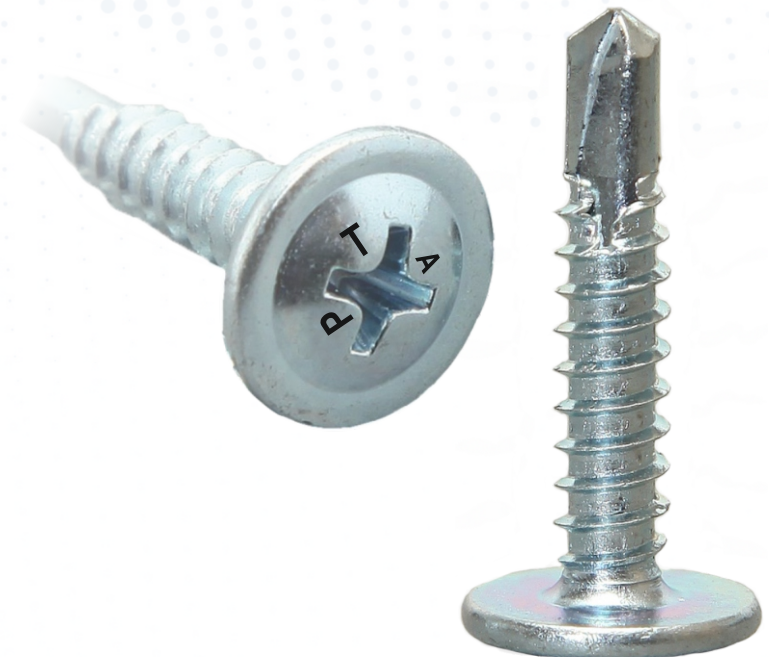
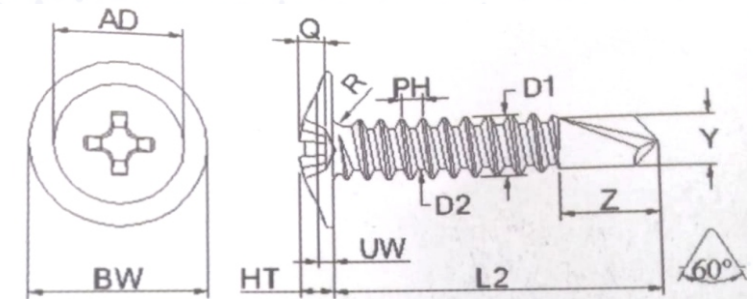
PTA drywall screw can be readily identified by its jet black finish. This jet black color comes from a phosphate mineral coating that is applied to these screws. This coating helps to minimize rusting and corrosion as the screws are often exposed to wet joint compound or paint.



PTA SELF DRILLING MODIFIED TRUSS HEAD ZINC PLATED SCREWS

Modified truss head screws are also known as button head screws. Due to the wide base of the head the need of separate washer is averted. ~Z~ point allows stability and also 35% faster drilling in steel. An additional Teflon coating over zinc plating to resist corrosion and enhances the life span of the screws. Commonly used for Commercial and residential steel frame construction, fixing Poly carbonate sheet, Shadow covers, Sign boards etc....

GUAGE	PART NO	Ø x LENGTH	PACKING		DRILLING CAPACITY	DRIVE
			No. of pcs per ctn	No. of Box per ctn		
No.8	PTA813MTZN	4.2mm x 13mm	1000 x 16		4mm	PH 2#
	PTA816MTZN	4.2mm x 16mm	1000 x 16			
	PTA819MTZN	4.2mm x 19mm	500 x 24			
	PTA825MTZN	4.2mm x 25mm	500 x 16			
	PTA835MTZN	4.2mm x 35mm	500 x 12			
No.10	PTA1025MTZN	4.8mm x 25mm	500 x 12		5mm	
	PTA1032MTZN	4.8mm x 32mm	500 x 12			
	PTA1038MTZN	4.8mm x 38mm	500 x 12			

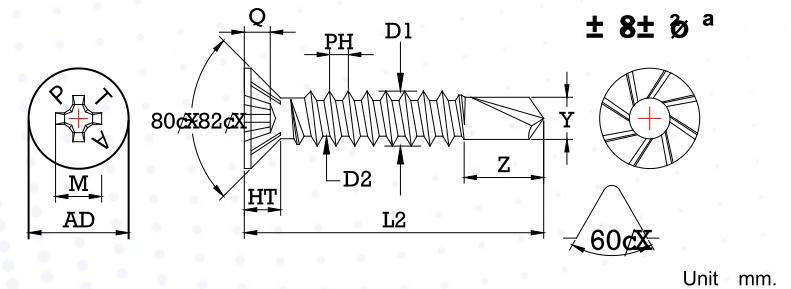


PTA COUNTERSUNK HEAD SELF DRILLING SCREWS are tapered under the head With 8 cross cutter blades(Ribs)

to aid in cutting the top material to lie flush the material they are driven into. ~Z~ point allows stability and also 35% faster drilling in steel. An additional Teflon coating over zinc plating to resist corrosion and enhances the life span of the screws.

Commonly used for Fixing calcium silicate board/ gypsum board/ Fiber cement boards/Gypsum boards/bison boards /aluminum section etc.

GUAGE	PART NO	Ø x LENGTH	PACKING		DRILLING CAPACITY	DRIVE
			No. of pcs per ctn	No. of Box per ctn		
No.7	PTA713CSKZN	3.9mm x 13mm	1000	x 24	3.5mm	PH 2#
	PTA716CSKZN	3.9mm x 16mm	1000	x 24		
	PTA720CSKZN	3.9mm x 20mm	1000	x 24		
	PTA725CSKZN	3.9mm x 25mm	1000	x 16		
No.8	PTA816CSKZN	4.2mm x 16mm	1000	x 16	4mm	
	PTA820CSKZN	4.2mm x 20mm	1000	x 24		
	PTA825CSKZN	4.2mm x 25mm	1000	x 16		
	PTA832CSKZN	4.2mm x 32mm	800	x 12		
	PTA838CSKZN	4.2mm x 38mm	600	x 12		
	PTA850CSKZN	4.2mm x 50mm	500	x 12		
	PTA860CSKZN	4.2mm x 60mm	400	x 12		
	PTA875CSKZN	4.2mm x 75mm	300	x 12		
No.10	PTA1025CSKZN	4.8mm x 25mm	500	x 24	5mm	
	PTA1038CSKZN	4.8mm x 38mm	500	x 12		
	PTA1050CSKZN	4.8mm x 50mm	400	x 12		
	PTA1060CSKZN	4.8mm x 60mm	300	x 12		
	PTA1075CSKZN	4.8mm x 75mm	200	x 16		
	PTA10100CSKZN	4.8mmx 100mm	200	x 12		

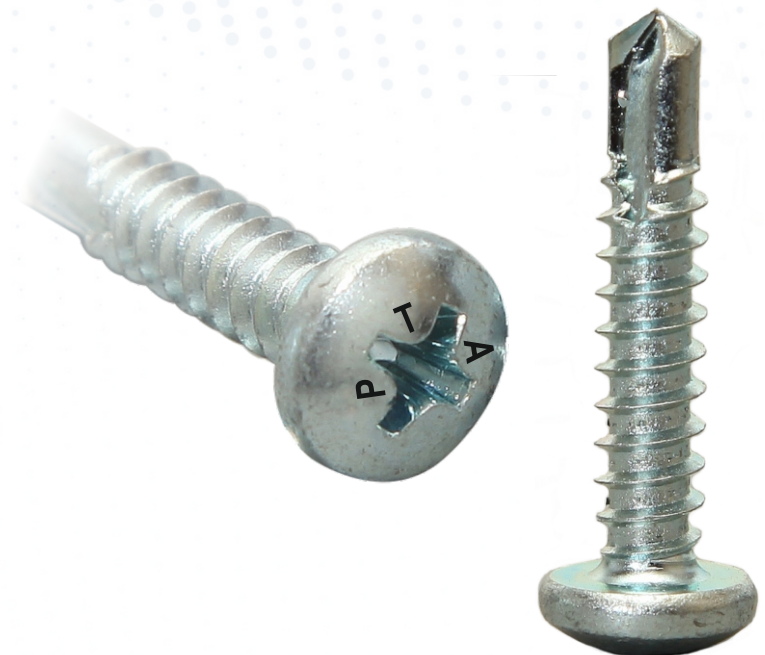
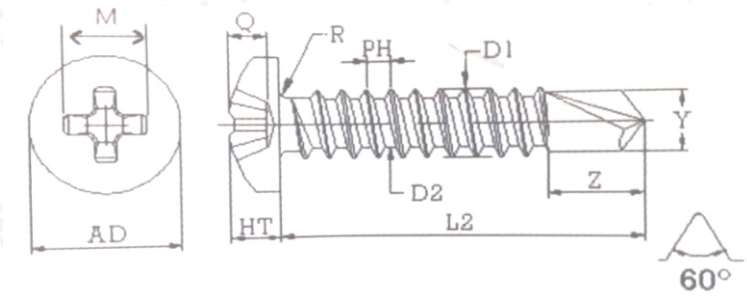


PTA PAN HEAD SELF DRILLING SCREWS are designed to protrude above the material being connected.

The half sphere head ensures deeper recess and avoids slippage while driving in higher torque applications. ~Z~ point allows stability and also 35% faster drilling in steel. An additional Teflon coating over zinc plating to resist corrosion and enhances the life span of the screws.

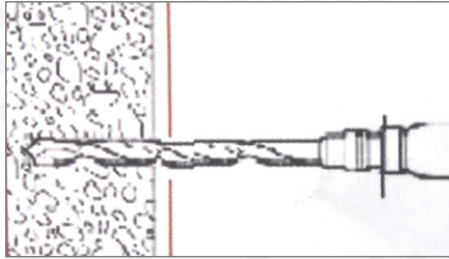
Commonly used to join up to 3 mm thick steel frame or structures to skin steel or aluminum inter-sections, partitions, doors, windows, sign boards, and various other fixing applications.

GUAGE	PART NO	Ø x LENGTH	PACKING		DRILLING CAPACITY	DRIVE
			No. of pcs per ctn	No. of Box per ctn		
No.6	PTA613PANZN	3.5mm x 13mm	2000 x 16		3mm	PH 2#
	PTA616PANZN	3.5mm x 16mm	2000 x 16			
	PTA619PANZN	3.5mm x 19mm	1000 x 24			
	PTA625PANZN	3.5mm x 25mm	1000 x 16			
No.8	PTA813PANZN	4.2mm x 13mm	1000 x 24		4mm	
	PTA816PANZN	4.2mm x 16mm	1000 x 16			
	PTA819PANZN	4.2mm x 19mm	1000 x 16			
	PTA825PANZN	4.2mm x 25mm	1000 x 12			
	PTA832PANZN	4.2mm x 32mm	600 x 16			
	PTA838PANZN	4.2mm x 38mm	500 x 12			
	PTA850PANZN	4.2mm x 50mm	500 x 12			
No.10	PTA1019PANZN	4.8mm x 19mm	1000 x 12		5mm	
	PTA1025PANZN	4.8mm x 25mm	500 x 16			

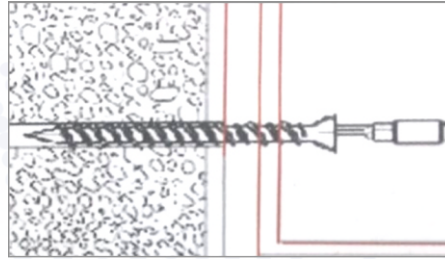


PTA MASONARY SCREW

For fixing of window and door frames, timber beams and many various Anchoring needs onto brick wall, concrete ceiling and flooring without Employing wooden plugs or nylon sleeves.



Drill 6mm diameter hole through the frame and into the base material, Ensure hole is free from debris before inserting

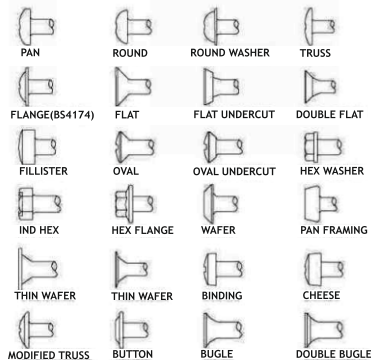


Insert the screw and tighten with a torx drive bit till it is secured

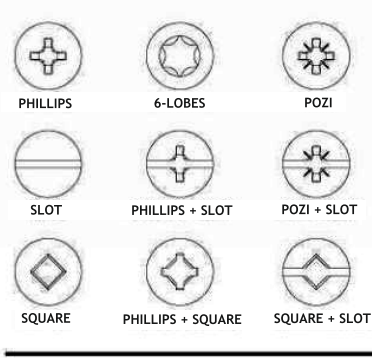


GUAGE	PART NO	Ø x LENGTH	HOLE DEPTH	PACKING		TORX DRIVE
				No. of pcs per ctn	No. of Box per ctn	
#1	PTA7572THRP1000	7.5*72mm	75 mm	16 * 100		T30
	PTA75102THRP1000	7.5*102mm	105mm	12 * 100		
	PTA75122THRP1000	7.5*122mm	125mm	12 * 50		

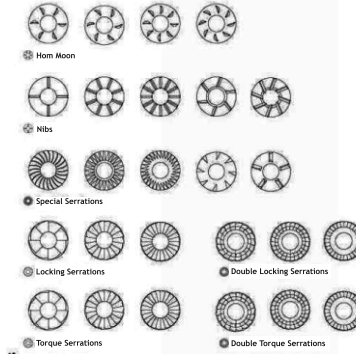
SCREW HEAD TYPES



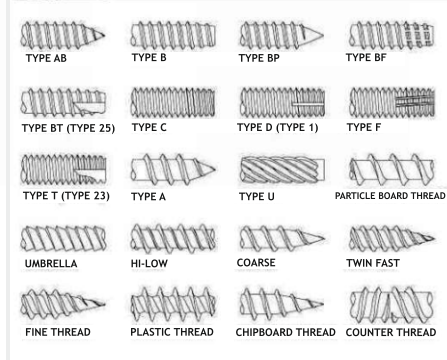
HEAD RECESS



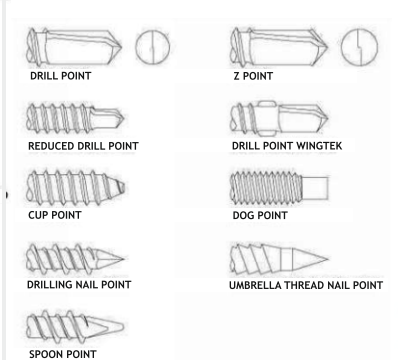
SCREW UNDER HEAD STYLES



THREAD



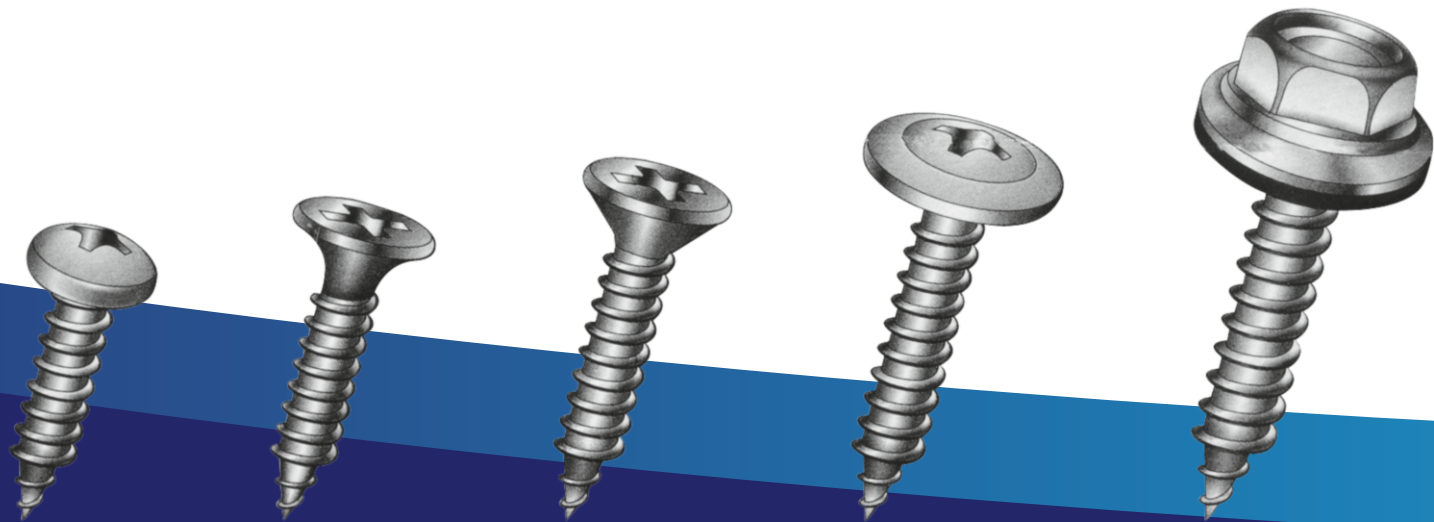
POINTS





PTA PRODUCTS

- A. Self-drilling screw hexagon head with steel bonded Epdm washer (zinc plated)
- B. Self-drilling screw countersunk head Phillips drive (zinc plated)
- C. Self-drilling screw pan head Phillips drive (zinc plated)
- D. Self drilling screw modified truss head Phillips drive (zinc plated)
- E. Drywall screw bugle head (black phosphate)
- F. Chipboard screw countersunk head (zinc plated)
- G. Self drilling screw flange head (Ruspro)



Marketed by :