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Made for the trade

PVCu Window & Door Fabrication Screws

Whatever the job
needs, trust
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With over 30 years expertise within the industry TIMCO can offer a comprehensive range of fasteners to suit all aspects of PVCu Window and Door manufacture.

The range has been independently tested in accordance with BS EN 9227 to cover all environments.

Window Screw Ranges:

- Friction Stay Screws
- Countersunk Screws
- Pan Head Screws
- Weather Bar Screws
- Machine Screws
- Element Screws
- Cill Screws
- Baypole Screws



3 levels of corrosion resistance

Carbon Steel Zinc / Yellow

Carbon steel with a zinc or yellow plating, mainly used in low corrosive environment.

Salt Spray 240 hours

Independently tested to BS EN 9227.

Martensitic Stainless Steel

A magnetic, martensitic stainless steel, with silver organic plating. Silver organic plating is a reliable and durable corrosion resistant coating.

Salt Spray 504 hours

Stainless Steel should also be used in certain materials to reduce the likelihood of bi-metallic reaction.

A2 Austenitic Stainless Steel

A non-magnetic austenitic steel suitable where there is a corrosive environment.

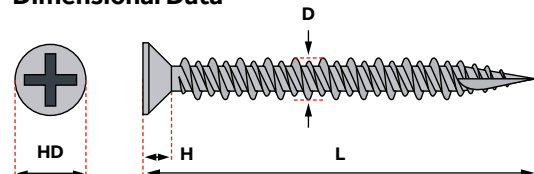
Salt Spray 504 hours

Countersunk High-Low Thread Slash Point Screw



Designed for multiple uses for fitting a variety of hardware to frames where there is no steel or aluminium reinforcement present.

Dimensional Data



Available in:

Zinc

Yellow

Product Code	Diameter (D)	Length (L)	Head Height (H)	Head Diameter (HD)	Pack Qty (pcs)	Carton Qty (packs)	Pallet Qty (packs)
Zinc							
Yellow							
104Z or Y	4.3	25	3.0	7.40	1,000	16	384
105Z or Y	4.3	30	3.0	7.40	1,000	8	384
106Z or Y	4.3	40	3.0	7.40	1,000	8	192
109Z or Y*	4.8	25	3.2	7.70	1,000	8	384

*4.8mm to use or 4.8mm to be used as a repair screw on stripped or damaged holes.

Z - zinc plating / Y - yellow plating

Features

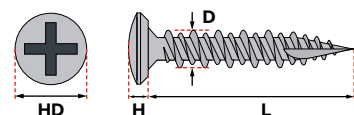
- Countersunk head.
- Slash tip with a high-low thread for quick "pick up" and excellent holding power.
- High-low thread.
- PH2 recess.
- Case and core hardened carbon steel.
- Conforms BS EN 1670:Grade 4.
- Conforms to BS 7412.

Friction Stay Screw



Designed for multiple uses for fitting a variety of hardware to frames where there is no steel or aluminium reinforcement present.

Dimensional Data



Available in:

Zinc

Product Code	Diameter (D)	Length (L)	Head Height (H)	Head Diameter (HD)	Pack Qty (pcs)	Carton Qty (packs)	Pallet Qty (packs)
Zinc							
111Z	4.3	20	2.3	8.00	1,000	8	384
112Z	4.3	25	2.3	8.00	1,000	8	384

Features

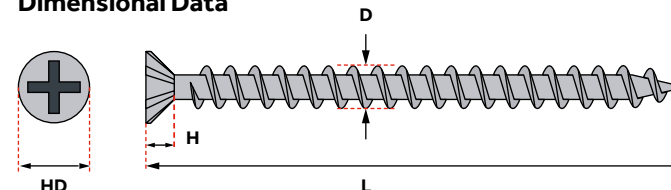
- Slash tip with a high-low thread for quick "pick up" and excellent holding power.
- Shallow pan countersunk head.
- High-low thread.
- Case and core hardened carbon steel.
- Conforms BS EN 1670:Grade 4.
- Conforms to BS 7412.

Countersunk Single Thread Sharp Point Screw



Multiple uses for fitting a variety of hardware to frames where there is no steel or aluminium reinforcement present.

Dimensional Data



Features

- Shallow countersunk with ribs.
- Gimlet tip with single coarse thread.
- Case and core hardened carbon steel.
- PH2 recess.

Available in:

Zinc

Yellow

A2/Aust. Stainless Steel

- Conforms to BS EN 1670:Grade 4.
- Conforms to BS 7412.
- Austenitic A2 Stainless Steel to achieve in excess of 500hrs.
- Conforms to BS EN 1670:Grade 5.
- Conforms to BS 7412.

Product Code	Diameter (D)	Length (L)	Head Height (H)	Head Diameter (HD)	Pack Qty (pcs)	Carton Qty (packs)	Pallet Qty (packs)
Zinc							
Yellow							
201Z or Y	4.3	16	2.7	7.6	1,000	15	540
202Z or Y	4.3	20	2.7	7.6	1,000	15	540
204Z or Y	4.3	25	2.7	7.6	1,000	8	384
205Z or Y	4.3	30	2.7	7.6	1,000	8	384
203Z or Y	4.3	35	2.7	7.6	1,000	6	288
206Z or Y	4.3	40	2.7	7.6	1,000	8	216
207Z or Y	4.3	45	2.7	7.6	500	16	384
208Z or Y	4.3	55	2.7	7.6	500	12	288
209Z or Y*	4.8	25	2.8	8.0	1,000	8	384
210Z*	4.8	38	2.8	8.0	1,000	8	216
A2/Aust. Stainless Steel							
202SS	4.3	20	2.5	7.6	1,000	15	540
204SS	4.3	25	2.5	7.6	1,000	8	384
205SS	4.3	30	2.5	7.6	1,000	8	384
203SS	4.3	35	2.5	7.6	1,000	6	288
206SS	4.3	40	2.5	7.6	1,000	8	216
209SS	4.3	25	2.5	8.0	1,000	8	384

*4.8mm Repair screw for stripped and damaged holes.

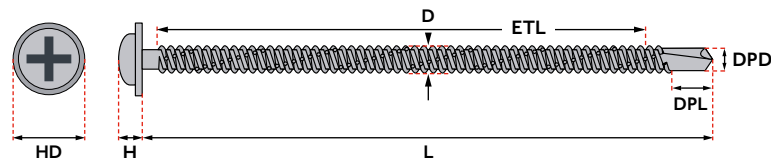
Z - zinc plating / Y - yellow plating

Baypole Screw



Specifically designed for the joining of PVCu bay window sections, but frequently used for other window and door fabrication purposes.

Dimensional Data



Features

- Wafer flange head.
- Self-drilling point.
- Self-tapping thread.
- PH2 recess.
- Case and core hardened carbon steel.
- Conforms to BS EN 1670:Grade 4.
- Conforms to BS 7412.
- Conforms to BS EN 14566:2008+A1:2009.
- Conforms to BS EN 10666.

Available in: **Zinc**

Product Code	Diameter (D)	Length (L)	Head Height (H)	Head Diameter (HD)	Drill Point Diameter (DPD)	Drill Point Length (DPL)	Effective Thread Length (ETL)	Pack Qty (pcs)	Carton Qty (packs)	Pallet Qty (packs)
289Z	4.8	40	3.2	12.8	3.95	7.0	30.0	200	15	540
290Z	4.8	50	3.2	12.8	3.95	7.0	40.0	200	16	384
291Z	4.8	60	3.2	12.8	3.95	7.0	50.0	200	12	288
292Z	4.8	70	3.2	12.8	3.95	7.0	60.0	200	12	288
293Z	4.8	80	3.2	12.8	3.95	7.0	70.0	200	8	216
294Z	4.8	90	3.2	12.8	3.95	7.0	80.0	200	8	192
295Z	4.8	100	3.2	12.8	3.95	7.0	90.0	200	8	192

Installation Data

Diameter: 4.8
RPM: 1800-2500
Max. Drill Capacity: 4.0mm

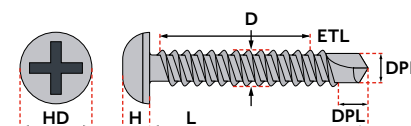


Pan Head Self-Tap/Self-Drill Screw

Generally used for attaching steel hardware to steel reinforced PVCu sections. The flat underside of the screw head allows it to clamp the materials together firmly.



Dimensional Data



Features

- Pan head.
- Self-drilling point.
- Self-tapping thread.
- PH2 recess.
- Case and core hardened carbon steel.

Available in:

Zinc

- Conforms to BS 7412.
- Conforms to BS EN 10666.
- Conforms to BS EN 14566:2008+A1:2009.
- Conforms to BS EN 1670:Grade 4.

Installation Data

Diameter: 4.2 RPM: 1800-2500
Max. Drill Capacity: 3.0mm

Martensitic Stainless Steel

- Magnetic Martensitic Grade 410 Stainless Steel with silver organic plating.
- Conforms to BS 7412.
- Conforms to BS EN 1670:Grade 5.

Installation Data

Diameter: 4.2 RPM: 1800-2500
Max. Drill Capacity: 2.5mm

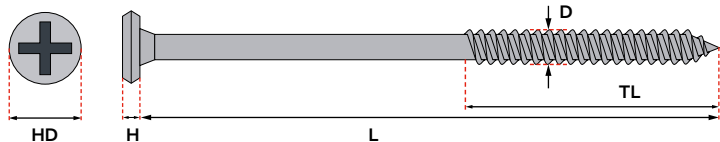
Product Code	Diameter (D)	Length (L)	Head Height (H)	Head Diameter (HD)	Drill Point Diameter (DPD)	Drill Point Length (DPL)	Effective Thread Length (ETL)	Pack Qty (pcs)	Carton Qty (packs)	Pallet Qty (packs)
Zinc										
130Z	4.2	13	2.9	8.2	3.45	4.0	6.0	1,000	15	540
131Z	4.2	16	2.9	8.2	3.45	4.0	9.0	1,000	15	540
132Z	4.2	19	2.9	8.2	3.45	4.0	12.0	1,000	8	384
133Z	4.2	25	2.9	8.2	3.45	4.0	18.0	1,000	6	288
410 Martensitic Stainless Steel + Silver Organic										
130SS	4.2	13	2.9	8.2	3.5	4.0	6.0	1,000	15	540
131SS	4.2	16	2.9	8.2	3.5	4.0	9.0	1,000	15	540
132SS	4.2	19	2.9	8.2	3.5	4.0	12.0	1,000	8	384
133SS	4.2	25	2.9	8.2	3.5	4.0	18.0	1,000	6	288

Element Screw



Mechanical jointing screw with special truncated head for fixing either frame to frame or frame to mullions.

Dimensional Data



Available in: **Yellow**

Product Code	Diameter (D)	Length (L)	Head Height (H)	Head Diameter (HD)	Thread Length (TL)	Pack Qty (pcs)	Carton Qty (packs)	Pallet Qty (packs)
191Y	4.8	55	2.4	10.0	25.0	200	16	384
192Y	4.8	65	2.4	10.0	30.0	200	16	384
193Y	4.8	80	2.4	10.0	35.0	200	12	288
194Y	4.8	95	2.4	10.0	40.0	200	8	192

Features

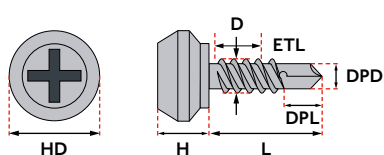
- Self-tapping thread.
- AB point.
- PH2 recess.
- Case and core hardened carbon steel.
- Conforms to BS EN 1670:Grade 4.
- Conforms to BS 7412.

Weather Bar Screw



For use when attaching a weather bar or drip rail to PVCu window and door frames to prevent water ingress.

Dimensional Data



Features

- Nipple head.
- Large head provides easy and secure clipping.
- PH2 recess.
- Self-drilling point with a self-tapping thread.
- Case and core hardened carbon steel.
- Conforms to BS EN 1670:Grade 4.
- Conforms to BS 7412.
- Conforms to BS EN 10666.

Available in: **Zinc**

Product Code	Diameter (D)	Length (L)	Head Height (H)	Head Diameter (HD)	Drill Point Diameter (DPD)	Drill Point Length (DPL)	Effective Thread Length (ETL)	Pack Qty (pcs)	Carton Qty (packs)	Pallet Qty (packs)
241Z	4.8	13	6.0	10.40	3.40	5.00	5.00	1,000	6	288

Installation Data

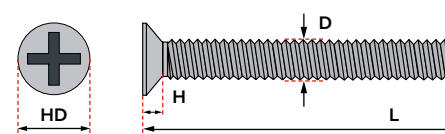
Diameter: 4.0
RPM: 1800-2500
Max. Drill Capacity: 2.5mm

Machine Screw



Used for fastening handles or espagnolettes into pre-defined holes in frames.

Dimensional Data



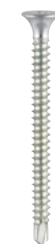
Available in: **Zinc**

Product Code	Diameter (D)	Length (L)	Head Height (H)	Head Diameter (HD)	Pack Qty (pcs)	Carton Qty (packs)	Pallet Qty (packs)
530Z	M5	30.0	2.50	9.20	500	8	384
540Z	M5	40.0	2.50	9.20	500	6	288

Features

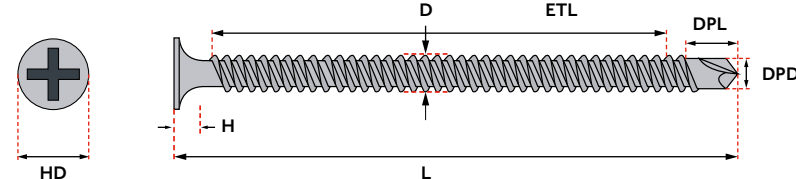
- Countersunk head.
- B point with metric thread.
- PH2 recess.
- Case and core hardened carbon steel.
- Conforms to BS EN 1670:Grade 4.
- Conforms to BS 7412.

Cill Screw



Used for attaching cills to the base of the door or window frames.

Dimensional Data



Features

- Bugle head to prevent damage to cill.
- Self-drilling point with a self-tapping thread.
- Case and core hardened carbon steel.
- PH2 recess.
- Conforms to BS EN 1670:Grade 4.
- Conforms to BS 7412.
- Conforms to BS EN 10666.

Available in: **Zinc**

Product Code	Diameter (D)	Length (L)	Head Height (H)	Head Diameter (HD)	Drill Point Diameter (DPD)	Drill Point Length (DPL)	Effective Thread Length (ETL)	Pack Qty (pcs)	Carton Qty (packs)	Pallet Qty (packs)
225Z	4.2	50	3.00	8.50	3.50	4.0	40.0	500	12	288
226Z	4.2	55	3.00	8.50	3.50	4.0	45.0	500	8	216
227Z	4.2	65	3.00	8.50	3.50	4.0	55.0	200	16	384

Installation Data

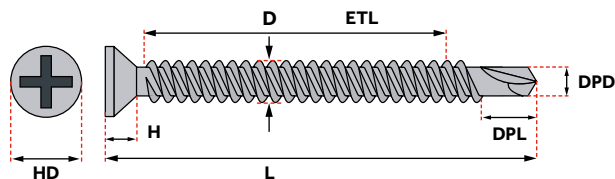
Diameter: 4.2
RPM: 1800-2500
Max. Drill Capacity: 3.0mm

Countersunk Self-Tap/Self-Drill Screw



Used for attaching hardware to frames where steel reinforcement is present.

Dimensional Data



Features

- Self-tapping thread.
- Self-drilling point.
- PH2 recess.
- Case and core hardened carbon steel.

Available in:

Zinc

Yellow

Martensitic Stainless Steel

- Conforms to BS EN 1670:Grade 4.
- Conforms to BS EN 10666.
- Conforms to BS 7412.

- Magnetic Martensitic Grade 410 Stainless Steel with silver organic plating.
- Conforms to BS EN 1670:Grade 4.
- Conforms to BS 7412.

Installation Data

Diameter: 3.9 RPM: 1800-2500 Max. Drill Capacity: 2.5mm

Product Code	Diameter (D)	Length (L)	Head Height (H)	Head Diameter (HD)	Drill Point Diameter (DPD)	Drill Point Length (DPL)	Effective Thread Length (ETL)	Pack Qty (pcs)	Carton Qty (packs)	Pallet Qty (packs)
Zinc										
Yellow										
120Z or Y*	3.9	13	3.2	7.0	3.30	3.50	3.0	1,000	15	540
121Z or Y*	3.9	16	3.2	7.0	3.30	4.00	5.8	1,000	15	540
122Z or Y*	3.9	19	3.2	7.0	3.30	4.50	8.0	1,000	15	540
123Z or Y	3.9	25	3.2	7.0	3.30	4.50	13.0	1,000	8	384
126Z	3.9	29	3.2	7.0	3.30	4.50	17.0	1,000	8	384
124Z or Y	3.9	32	3.2	7.0	3.30	4.50	20.0	1,000	6	288
125Z or Y	3.9	38	3.2	7.0	3.30	4.50	26.0	1,000	6	288
127Z or Y	3.9	45	3.2	7.0	3.30	4.50	33.0	500	16	384
410 Martensitic Stainless Steel + Silver Organic										
121SS*	3.9	16	3.2	7.0	3.30	3.50	3.0	1,000	15	540
122SS*	3.9	19	3.2	7.0	3.30	4.00	5.8	1,000	15	540
123SS	3.9	25	3.2	7.0	3.30	4.50	8.0	1,000	8	384
124SS	3.9	32	3.2	7.0	3.30	4.50	13.0	1,000	6	288
125SS	3.9	38	3.2	7.0	3.30	4.50	17.0	1,000	6	288

* Countersunk with ribs.

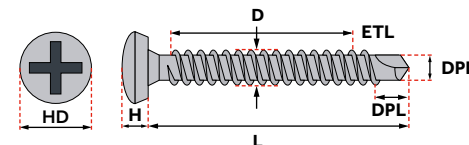
Z - zinc plating / Y - yellow plating

Friction Stay Screw

For attaching friction stays with countersunk holes to steel reinforced PVCu frames.



Dimensional Data



Features

- Shallow pan with countersunk head.
- Self-drilling point with a self-tapping thread.
- Case and core hardened carbon steel.
- PH2 recess.

Available in:

Zinc

Martensitic Stainless Steel

- Conforms to BS EN 1670:Grade 4.
- Conforms to BS 7412.

- Magnetic Martensitic Grade 410 Stainless Steel with silver organic plating to achieve in excess of 500hrs.
- Conforms to BS EN 1670:Grade 5
- Conforms to BS 7412.

Installation Data

Diameter: 3.9 RPM: 1800-2500
Max. Drill Capacity: 2.5mm

Installation Data

Diameter: 4.8 RPM: 1800-2500
Max. Drill Capacity: 4.0mm

Product Code	Diameter (D)	Length (L)	Head Height (H)	Head Diameter (HD)	Drill Point Diameter (DPD)	Drill Point Length (DPL)	Effective Thread Length (ETL)	Pack Qty (pcs)	Carton Qty (packs)	Pallet Qty (packs)
Zinc										
135Z	3.9	16	2.6	8.0	3.20	4.50	6.0	1,000	15	540
136Z	3.9	19	2.6	8.0	3.20	4.50	9.0	1,000	15	540
137Z	3.9	25	2.6	8.0	3.20	4.50	15.0	1,000	6	288
138Z	3.9	29	2.6	8.0	3.20	4.50	19.0	1,000	6	288
141Z*	4.8	16	2.6	8.0	3.50	5.00	5.5	1,000	15	540
142Z*	4.8	19	2.6	8.0	3.50	5.00	12.5	1,000	8	384
143Z*	4.8	23	2.6	8.0	3.50	5.00	13.0	1,000	8	384
410 Martensitic Stainless Steel + Silver Organic										
135SS	3.9	16	2.6	8.0	3.20	4.50	6.0	1,000	15	540
136SS	3.9	19	2.6	8.0	3.20	4.50	9.0	1,000	15	540
137SS	3.9	25	2.6	8.0	3.20	4.50	15.0	1,000	6	288
138SS	3.9	29	2.6	8.0	3.20	4.50	19.0	1,000	6	288
143SS*	4.8	23	2.6	8.0	3.50	5.00	13.0	1,000	9	216

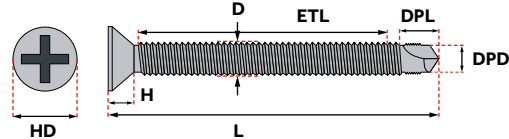
* 4.8mm Repair screw with high-high twin thread for stripped & damaged holes.

Countersunk Self-Drill Metric Thread Screw



An alternative to the self-tapping version. This metric threaded screw is for attaching hardware to frames where steel reinforcement is present.

Dimensional Data



Available in:

Zinc

Yellow

Features

- Metric thread.
- PH2 recess.
- Case and core hardened carbon steel.
- Conforms BS EN 1670:Grade 4.
- Conforms to BS EN 10666.
- Conforms to BS 7412.

Product Code	Diameter (D)	Length (L)	Head Height (H)	Head Diameter (HD)	Drill Point Diameter (DPD)	Drill Point Length (DPL)	Effective Thread Length (ETL)	Pack Qty (pcs)	Carton Qty (packs)	Pallet Qty (packs)
Zinc										
Yellow										
150Z or Y	M4	16	3.2	8.0	3.50	4.00	6.0	1,000	15	540
151Z or Y	M4	19	3.2	8.0	3.50	4.00	9.0	1,000	15	540
153Z or Y	M4	25	3.2	8.0	3.50	4.00	15.0	1,000	8	384
154Y	M4	32	3.2	8.0	3.50	4.00	22.0	1,000	8	192
155Z or Y	M4	38	3.2	8.0	3.50	4.00	28.0	500	16	384

Z - zinc plating / Y - yellow plating

Installation Data

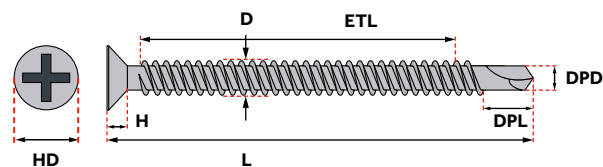
Diameter: M4
RPM: 1800-2500
Max. Drill Capacity: 2.5mm

Hinge Screw



A heavier gauge screw, generally used where extra strength is required such as attaching hinges to steel reinforced frame.

Dimensional Data



Available in:

Zinc

Features

- Self-drilling point.
- PH2 recess.
- Conforms BS EN 1670:Grade 4.
- Conforms to BS EN 10666.
- Conforms to BS 7412.

Product Code	Diameter (D)	Length (L)	Head Height (H)	Head Diameter (HD)	Drill Point Diameter (DPD)	Drill Point Length (DPL)	Effective Thread Length (ETL)	Pack Qty (pcs)	Carton Qty (packs)	Pallet Qty (packs)
Zinc										
423Z	4.8	25.0	3.0	9.5	4.0	7.0	12.0	1,000	6	288
424Z	4.8	32.0	3.0	9.5	4.0	7.0	19.0	500	8	384
425Z	4.8	38.0	3.0	9.5	4.0	7.0	25.0	500	12	288
427Z	4.8	45.0	3.0	9.5	4.0	7.0	32.0	500	6	288
429Z	4.8	60.0	3.0	9.5	4.0	7.0	47.0	200	16	384

Installation Data

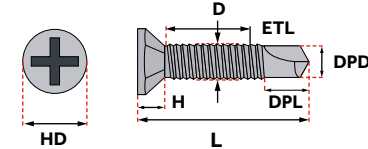
Diameter: 4.8
RPM: 1800-2500
Max. Drill Capacity: 4.0mm

Facet Head Screw

Used with auto feed machines when 'pinning' steel reinforcement inside PVCu frames.



Dimensional Data



Features

- Countersunk facet.
- Self-drilling point.
- Metric thread.
- PH2 recess.
- Case and core hardened carbon steel.

Available in:

Zinc

Martensitic Stainless Steel

- Conforms to BS EN 1670:Grade 4.
- Conforms to BS EN 10666.
- Conforms to BS 7412.
- Magnetic Martensitic Grade 410 Stainless Steel with silver organic plating.
- Conforms to BS EN 1670:Grade 5.
- Conforms to BS 7412.

Product Code	Diameter (D)	Length (L)	Head Height (H)	Head Diameter (HD)	Drill Point Diameter (DPD)	Drill Point Length (DPL)	Effective Thread Length (ETL)	Pack Qty (pcs)	Carton Qty (packs)	Pallet Qty (packs)
Zinc										
230Z	M4	13	3.0	7.0	3.50	4.00	3.0	1,000	15	540
231Z	M4	16	3.0	7.0	3.50	4.00	6.0	1,000	15	540
232Z	M4	19	3.0	7.0	3.50	4.50	9.0	1,000	15	540
Martensitic Stainless Steel										
231SS	M4	16	3.0	7.0	3.55	5.0	5.0	1,000	15	540

Installation Data

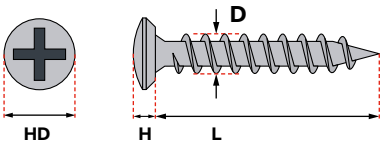
Diameter: M4
RPM: 1800-2500
Max. Drill Capacity: 2.5mm

Friction Stay Screw



For attaching friction stays with countersunk holes to PVCu frames.

Dimensional Data



Features

- Shallow pan countersunk head.
- Single thread.
- Case and core hardened carbon steel.
- Gimlet tip.
- PH2 recess.

Available in:

Zinc

- Conforms BS EN 1670:Grade 4.
- Conforms to BS 7412.

A2/Aust. Stainless Steel

- Austenitic A2 Stainless Steel to achieve in excess of 500hrs.
- Conforms BS EN 1670:Grade 5.
- Conforms to BS 7412.

Product Code	Diameter (D)	Length (L)	Head Height (H)	Head Diameter (HD)	Pack Qty (pcs)	Carton Qty (packs)	Pallet Qty (packs)
Zinc							
211Z	4.3	20	2.3	8.00	1,000	8	384
212Z	4.3	25	2.3	8.00	1,000	8	384
213Z	4.3	16	2.3	8.00	1,000	15	540
A2/Aust. Stainless Steel							
211SS	4.3	20	2.3	8.00	1,000	8	432
212SS	4.3	25	2.3	8.00	1,000	8	384
213SS	4.3	16	2.3	8.00	1,000	15	540

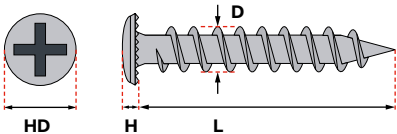


Friction Stay Screw with Serrations



For attaching friction stays with pre-drilled holes to PVCu frames.

Dimensional Data



Features

- Shallow pan head with serrations.
- Single thread.
- Case and core hardened carbon steel.
- Gimlet tip.
- PH2 recess.

Available in:

Zinc

- Conforms BS EN 1670:Grade 4.
- Conforms to BS 7412.

A2/Aust. Stainless Steel

- Austenitic A2 Stainless Steel to achieve in excess of 500hrs.
- Conforms BS EN 1670:Grade 5.
- Conforms to BS 7412.

Product Code	Diameter (D)	Length (L)	Head Height (H)	Head Diameter (HD)	Pack Qty (pcs)	Carton Qty (packs)	Pallet Qty (packs)
Zinc							
215Z	4.8	16	2.3	8.20	1,000	8	384
216Z	4.8	20	2.3	8.20	1,000	8	384
217Z	4.8	25	2.3	8.20	1,000	6	288
218Z	4.8	30	2.3	8.20	1,000	8	216
A2/Aust. Stainless Steel							
215SS	4.8	20	2.5	7.6	1,000	15	384
216SS	4.8	25	2.5	7.6	1,000	8	384
217SS	4.8	30	2.5	7.6	1,000	6	288
218SS	4.8	35	2.5	7.6	1,000	8	192



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For example this specialist product guide has the recycle label below.



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