

# PLASTIC FASTENERS BROCHURE



## **ITW Fastex General Products**

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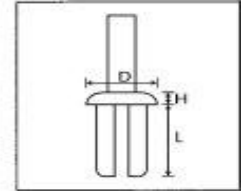
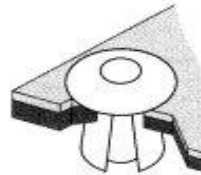
# Plastic Fasteners



**ITW Fastex General Products**  
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## PLASTIC RIVETS

Designed to permanently lock two or more panels together, Plastic Rivets are available in a range of sizes to cater for most fastening applications. If removal becomes necessary, the pin may be driven through the rivet after which the grommet can be prised out. A replacement fastener is then required for re-assembly.

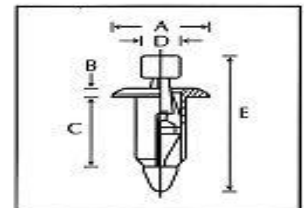


Note: All dimensions detailed below are in mm.

ITW Global	ITW FASTEX Part Number	Colour	Hole Size mm	Panel Thickness	D	H	L
Australia	<b>016-0007</b> <b>016-0023</b> <b>016-0033</b>	Natural White Black	4.8 - 5.4	1.6 - 4.8	11.2	1.8	7.4
Australia	<b>016-0014</b>	Natural	4.8 - 5.4	4.6 - 7.4	7.2	2.0	9.8
Australia	<b>016-0031</b> <b>016-0051</b>	White Black	4.8 - 5.4	4.6 - 7.4	11.2	2.0	10
Australia	<b>016-0010</b>	Natural	4.8 - 5.4	8.0 - 11.2	7.2	2.0	13.2
Australia	<b>016-0052</b>	Black	5.0 - 5.1	1.0 - 1.5	9.5	1.5	5.0
Australia	<b>016-0015</b>	Black	6.2 - 6.3	UP - 1.0	10.0	2.2	2.3
Australia	<b>016-0062</b>	Black	7.4 - 8.4	2.0 - 7.5	16.0	2.0	10.4

## PUSH RIVETS

The Push Rivet is a one piece unit that is easily applied by hand. It is ideally suited for applications where access to the back of the panel is impossible. The rivet is removable and reusable by using the tip of a thin, blunt-pointed instrument to depress the centre of the rivet and release the locking mechanism.



Note: All dimensions detailed below are in mm.

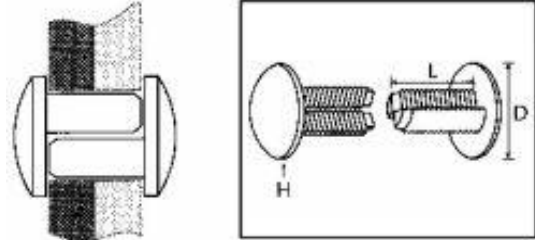
ITW Global	ITW FASTEX Part Number	Colour	Hole Size mm	Approx Grip Range	A	B	C	D	E
Australia	<b>020-0157</b>	Black	7.0	2.5 - 3.5	15.0	1.5	8.5	5.5	20.5



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## RATCHET RIVETS

Two identical parts ratchet together to provide a permanent assembly of two or more thicknesses of material, and a neat finished appearance on both sides, ideal for rigid or compressible materials. They are available in a range of head and foot sizes and require access to both sides of the job for assembly.

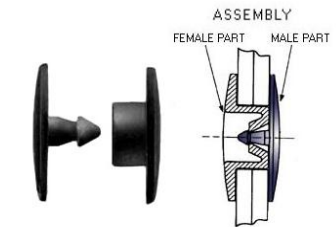


Note: All dimensions detailed below are in mm.

ITW Global	ITW FASTEX Part Number	Colour	Hole Size mm	Approx Grip Range	D	H	L
Australia	016-0025 016-0037 016-0147	White Black Clear	6.7 - 6.9	6.0 - 8.7	10.3	2.6	6.0
Australia	016-0097 016-0144	White Black	6.7 - 6.9	10.2 - 15.0	11.5	1.5	10.0
Australia	016-0111 016-0115	Black White	6.7 - 6.9	15.4 - 21.0	11.2	1.4	14.8

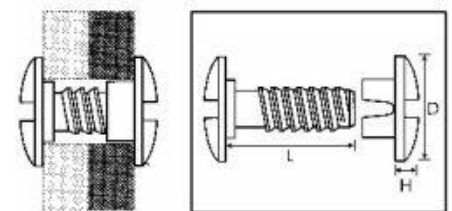
## SNAP RIVETS

ITW Global	ITW FASTEX Part Number	Colour	Panel Thickness	Head Diameter	Head Thickness
USA	016-0200 Male 016-0201 Female	Black	4.3 - 4.8	11.7	1.6



## REMOVABLE RATCHET RIVETS

For similar applications to those where Ratchet Rivets may be used but where a removable fastener is required. This two part fastener is pressed together to close and removed by unscrewing the nut from the shank.



Note: All dimensions detailed below are in mm.

ITW Global	ITW FASTEX Part Number	Colour	Hole Size mm	Approx Grip Range	D	H	L
Australia	010-0010 010-0104	Natural Black	6.9 - 7.1	5.5 - 10.5	12.0	2.7	10.8

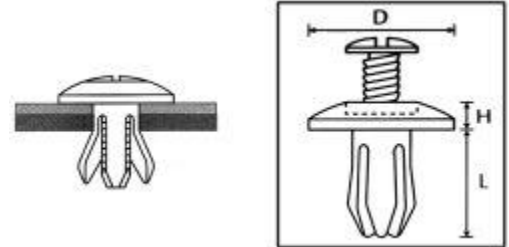


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## SCRIVETS

A removable fastener similar to Plastic Rivets in appearance. They are available in a range of sizes to cater for varying applications and are widely used in the automotive industry. When removal is necessary the threaded pin can be unscrewed by means of a Phillips #1 screw driver.

Note: All dimensions detailed below are in mm.



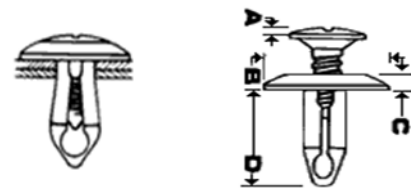
ITW Global	ITW FASTEX Part Number	Colour	Hole Size mm	Approx Grip Range	D	H	L
Australia	020-0015	Black	8.2 – 10.0	2.0 – 6.0	22.2	2.5	9.0
Australia	020-0034	Black	5.9 – 6.1	4.5 – 5.4	15.0	2.3	17.0
Australia	020-0109	Black	7.9 – 8.1	4.6 – 6.2	18.5	2.5	11.8
Australia	020-0122	Black	8.4 – 10.2	4.5 – 7.5	18.0	2.4	12.5

**Note:** Although a range is given for both the "Hole Size" & "Panel Thickness", there is a specific panel thickness for each 0.1mm of hole size specified within this range.

## TUFLOK

Tuflok's are an excellent fastener for retaining multiple thicknesses of panels. They have low assembly forces into plastic or sheet metal panels. Various lengths and diameters are available to suit a variety of panel thicknesses and hole sizes.

- Hand assembly for the operator
- Anti-vibration design - reduced buzz, squeak, rattle
- Serviceable
- Two-piece construction
- Fit a range of panel thicknesses
- Anti-corrosion



ITW Global	ITW FASTEX Part Number	Colour Nylon	Hole Size mm	Approx Grip Range	B	A-C Total Head Height	D
USA	010-0184	Black	6.0 – 6.4	2.0 – 6.0	15.0	4.0	18.8
Australia	010-0169	Black	8.0 – 9.0	3.6 – 5.1	18.0	4.1	23.0
Australia	010-0175	Black	8.0 – 8.5 8.5 – 9.0 9.0 – 9.4	1.6 – 3.0 3.0 – 5.0 5.0 – 7.4	20.0	4.1	21.0

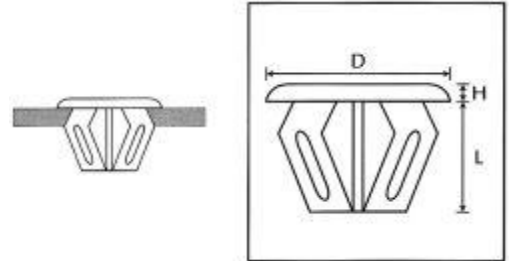


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## HOLE PLUGS

These fittings are designed to attractively cover unwanted holes in panels and are easily applied by hand.

Note: All dimensions detailed below are in mm.

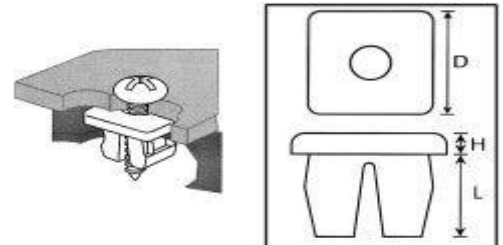


ITW Global	ITW FASTEX Part Number	Colour	Hole Size mm	Approx Grip Range	D	H	L
Australia	036-0234	White	4.8	4.8 – INF	10.1	1.2	4.8
New Zealand	036-0003 036-0070 036-0077	Natural White Black	8.5 – 9.5	1.2 – 1.6	13.0	1.5	10.1
Australia	036-0029	Black	10.2 – 10.3	6.4 - INF	12.7	1.1	6.4

## GROMMETS

A one piece, snap in, self-retaining blind screw receptacle, which spreads load and insulates at the fastening points. Easy to use and eliminates cross threading.

Note: All dimensions detailed below are in mm.



ITW Global	ITW FASTEX Part Number	Colour	Hole Size mm	Screw Size	Approx Grip Range	D	H	L
Australia	046-0001	Natural	9.4 – 9.6	10.0	0.8 – 2.7	17.0	1.9	6.8
Australia	046-0002	Natural	9.4 – 9.6	14.0	0.8 – 2.7	17.3	1.9	6.8
Australia	046-0007	Natural	6.7 – 7.1	8.0	0.8 – 3.9	9.5	0.8	8.1
Australia	046-0010	Natural	6.9 – 7.3	8 or 10	0.8 – 3.9	10.4	0.8	8.1
Australia	046-0011	Natural	6.9 – 7.3	8 or 10	0.8 – 3.9	12.7	2.5	8.1
Australia	046-0012	Natural	6.9 – 7.3	8 or 10	0.8 – 3.9	12.7	3.3	8.1
Australia	046-0013	Natural	8.3 – 8.7	14.0	0.8 – 3.9	14.2	1.6	8.1
Australia	046-0026	Natural	9.0 – 9.2	M5	0.8 – 2.0	14.1	2.0	6.8
Australia	046-0030	Natural	8.5 – 8.7	M5	0.9 – 1.5	12.0	2.0	8.0

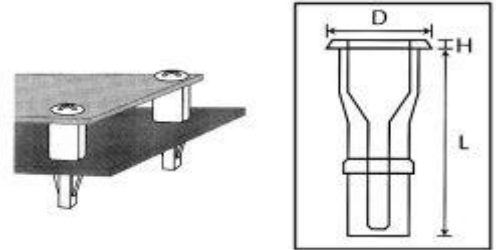


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## CLOSED END GROMMETS

Similar to a standard Grommet but the metal screw is fully enclosed, providing electrical insulation, protecting against temperature and moisture transfer and damage from sharp screw points.

Note: All dimensions detailed below are in mm

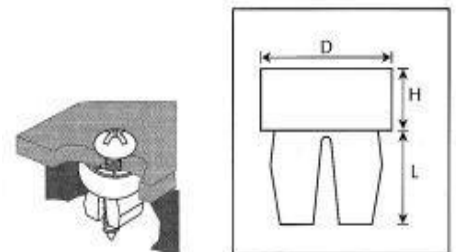


ITW Global	ITW FASTEX Part Number	Colour	Hole Size mm	Screw Size	Approx Grip Range	D	H	L
Australia	056-0004	Natural	6.8 – 7.1	8 Gauge	0.3 – 1.1	9.5	0.7	15.0
Australia	056-0012	Natural	8.5 – 8.6	M5	1.0	18.0	0.8	18.0

## SPACER GROMMETS

These perform identically to the standard Grommets, but this range is designed for specific applications which may require greater clearance between panels, or angled screw entry for example.

Note: All dimensions detailed below are in mm.



ITW Global	ITW FASTEX Part Number	Colour	Hole Size mm	Screw Size	Approx Grip Range	D	H	L
Australia	076-0011	Natural	7.0 – 7.2	8-10 Gauge	0.8 – 4.0	12.7	9.5	8.1
Australia	076-0018	Natural	9.8 - 11.8 or 10.3 - 12.3	6.0	0.8 – 3.0	15.2 x 14.2	1.6	12.7
Australia	076-0020	Natural	6.8 – 7.0	8.0	0.8 – 4.0	12.7	6.1	7.0

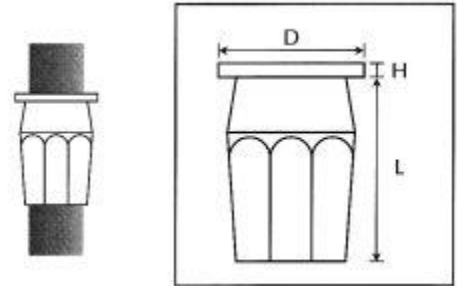


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## ANCHOR BUSHES

Bushes are designed to be used where metal rods pass through panels. Fitted into the panel the bush provides insulation to the rod preventing rattles and squeaks. Nylon bushes will also act as a bearing where a moderate load is applied.

Note: All dimensions detailed below are in mm.

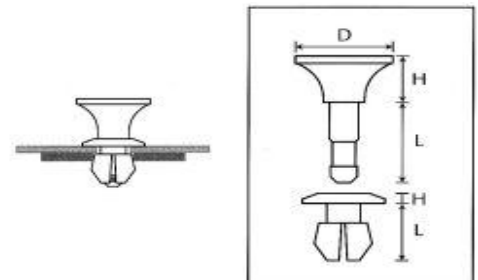


ITW Global	ITW FASTEX Part Number	Colour	Hole Size mm	Stud Size	Approx Grip Range	D	H	L
Australia	<b>086-0003</b> <b>086-0004</b>	Natural Black	6.3 – 6.4	4.7	1.3 – 2.3	8.6	1.1	6.0
Australia	<b>086-0036</b>	Black	7.1 – 7.2	5.4	0.9 – 3.3	9.0	1.0	6.3

## NYLATCH

The Nylatch provides a neat positive method of attaching two panels when there is a requirement to open and close the top panel on a regular basis. An inspection panel is a common example. Supplied in two parts, the pin is fitted to the grommet through a hole in the opening panel, and then the grommet is inserted through a hole in the fixed panel. A simple push pull is all that is required to close or open the panel.

Note: All dimensions detailed below are in mm.



ITW Global	ITW FASTEX Part Number	Colour	Hole Size mm	Description	D	H	L
New Zealand	<b>026-0006</b>	Black	8.2 – 10.0	Grommet	10.7	1.8	11.4
New Zealand	<b>026-0007</b>	Black	8.4 – 10.2	Pin	9.4	6.0	14.0

Panel Requirements: Fixed panel hole size 8.0 – 8.3mm  
 Moveable panel hole size 7.4 – 7.6mm  
 Total panel thickness – Min 4.5 to Max 7.0

Grommets and Pins must be purchase in equal sets.

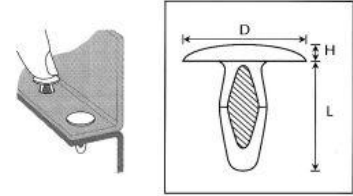




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## CANOE CLIPS

A simple replacement for screws and rivets. The clips snap into round holes securely holding in metal, plastic and a variety of materials. Canoe Clips are ideal for lightweight panel fastening and similar applications.



Note: All dimensions detailed below are in mm.

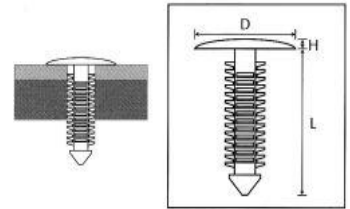
ITW Global	ITW FASTEX Part Number	Colour	Hole Size mm	Approx Grip Range	D	H	L
Australia	<b>096-0001</b> <b>096-0025</b>	Natural Black	1.3 – 3.6	1.5 – 2.3	10.3	3.8	6.9
Australia	<b>096-0017</b>	Natural	1.4 – 3.5	1.5 – 1.7	7.6	1.5	8.3
Australia	<b>096-0002</b> <b>096-0005</b> <b>096-0185</b>	Natural Black White	3.3 – 3.6	0.9 – 1.9	10.3	2.4	9.3
Australia	<b>096-0003</b> <b>096-0125</b>	Natural Black	3.3 – 3.6	1.5 – 4.0	7.9	2.5	11.1
Australia	<b>096-0071</b> <b>096-0099</b>	Natural Black	3.3 – 3.6	1.5 – 4.0	7.6	1.5	11.1
Australia	<b>096-0015</b> <b>096-0172</b>	Natural Black	3.3 – 3.6	2.4 – 5.0	7.6	1.3	12.9
Australia	<b>096-0094</b>	Natural	4.3 – 4.4	1.5 – 1.9	8.9	4.5	7.6
Australia	<b>096-0177</b>	Natural	4.3 – 4.4	1.5 – 1.9	8.9	5.0	7.6
Australia	<b>096-0007</b>	Natural	4.8 – 5.1	0.7 – 1.7	13.9	2.8	7.6
Australia	<b>096-0008</b> <b>096-0084</b> <b>096-0014</b>	Natural Black White	4.6 – 4.8	2.5 – 2.6	9.5	1.5	11.1
Australia	<b>096-0022</b> <b>096-0198</b>	Black White	4.6 – 4.8	2.3 – 5.0	9.6	1.5	13.4
Australia	<b>096-0020</b> <b>096-0197</b>	Natural Black	5.4 – 6.1	2.0 – 4.0	9.5	1.1	11.5
Australia	<b>096-0023</b>	Black	5.5 – 5.7	3.0 – 11.0	14.2	2.2	15.2
Australia	<b>096-0010</b> <b>096-0013</b>	Natural Black	6.2 – 6.5	2.3 – 5.0	12.7	1.3	16.0
Australia	<b>096-0011</b> <b>096-0049</b>	Natural Black	6.9 – 7.1	2.5 – 5.5	14.5	2.0	17.0
Australia	<b>096-0268</b>	White	7.7 – 8.0	3.1 – 6.3	14.2	2.0	17.0
Australia	<b>096-0076</b>	Black	8.2 – 8.4	3.0 – 4.0	14.5	2.0	16.0



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## CHRISTMAS TREE CLIPS

An extremely versatile fastener designed to hold two or more panels together, particularly where the final panel has a blind hole. Christmas Tree Clips are available in a large range of head styles and sizes, and foot lengths to suit most applications.

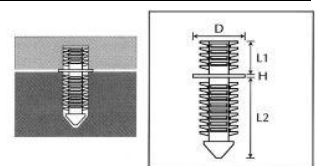


Note: All dimensions detailed below are in mm.

ITW Global	ITW FASTEX Part Number	Colour	Head Style	Hole Size mm	Approx Grip Range	D	H	L
Australia	266-0001 266-0481 266-0550 266-0805	Black Beige Slate Grey Pale Grey	Domed	6.6 – 7.5	2.5 – 19.5	16.0	2.0	27.0
Australia	266-0005	TBA	Domed	9.8 – 10.2	25.0 – 65.0	30.8	3.0	70.0
Australia	266-0006	Black	Flat	6.6 – 7.5	2.5 – 19.5	16.0	1.2	27.0
Australia	266-0007 266-0156	Black White	Flat	6.6 – 7.5	2.5 – 19.5	20.5	1.2	27.0
Australia	266-0019 266-0022 266-0501 266-0601	Black White Mist Grey Beige	Flat	6.0 – 6.8	2.6 – 28.0	12.0	1.0	36.0
Australia	266-0021	Black	Domed	7.8 – 8.1	2.4 – 10.0	18.0	2.0	19.6
Australia	266-0026 266-0718	Black White	Domed	6.0 – 6.8	2.5 – 10.8	14.0	2.0	15.0
Australia	266-0050 266-0062 266-0562	White Black Metal Grey	Domed	4.8 – 5.1	2.0 – 9.0	12.0	1.5	15.0
Australia	266-0052	Black	Domed	7.8 – 8.1	2.4 – 8.5	18.5	2.0	13.0
Australia	266-0053	Black	Domed	6.8 – 7.2	2.0 – 10.0	17.0	3.0	17.5
Australia	266-0115	Black	Flat	6.0 – 6.8	2.5 – 10.0	20.2	1.7	15.0
Australia	266-0152	Black	Domed	6.6 – 7.5	2.5 – 7.5	14.0	2.0	10.5
Australia	266-0182	Black	Flat	6.4 – 6.6	2.0 – 10.0	20.8	1.2	13.5
Australia	266-0185	Black	Domed	4.9 – 5.1	2.0 – 10.0	15.0	2.0	15.0
Australia	266-0186	Black	Domed	6.0 – 6.8	2.0 – 9.0	30.0	1.5	15.0
Australia	266-0212	Black	Domed	7.8 – 8.1	2.0 – 13.0	18.0	2.0	24.5
Australia	266-0261	Black	Domed	5.9 – 6.1	2.0 – 4.0	20.0	2.0	8.5
Australia	266-0333 266-0811	Black Clear	Domed	5.9 – 6.1	2.0 – 10.0	16.0	2.0	15.0
Australia	266-0345	Black	Domed Rect.	4.9 – 5.1	2.5 – 11.0	17x5.0	2.0	15.0
Australia	266-0658 266-0714	Black Slate Grey	Flat	6.4 – 6.6	2.5 – 30.0	34.8	3.2	36.0

## DOUBLE ENDED

A variation on the standard Christmas Tree Clip, and designed to hold together two panels each with a blind hole. As such, the fastener is completely hidden from view, making it ideal for areas where a smooth surface finish is required.



ITW	Part Number	Colour	Hole	Grip Range	D	H	L1	L2
Australia	266-0064	Natural	7.9 – 8.3	2.2 - INF	12.7	1.2	11.1	21.5

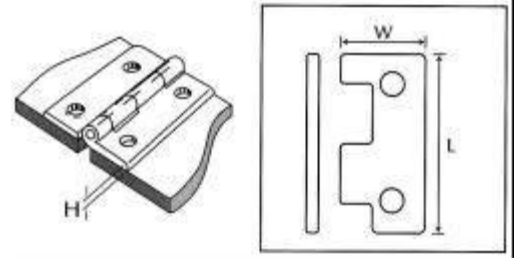


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## HINGE MOUNTS

The new clear hinge is ideally suited for the display industry for applications using 2.8 to 4.5mm acrylic sheet. Hinge may be fastened with Fastex Ratchet rivet P/N 016-0025 which eliminates the need for gluing.

Note: All dimensions detailed below are in mm.



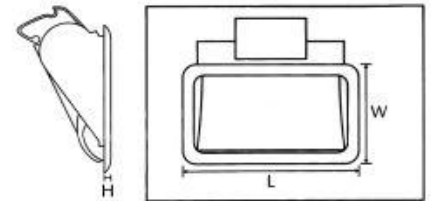
ITW Global	ITW FASTEX Part Number	Colour	Description	Hole Size mm	L	W	H
<b>Australia</b>	<b>216-0014</b>	Clear	Hinge Pin	-	-	-	-
<b>Australia</b>	<b>276-0011</b>	Clear	Hinge Plate	6.9	50.0	15.0	3.6

Note: One complete hinge requires two Hinge Plates and one Hinge Pin

## HANDLE CATCH

A one piece moulded handle designed for use in laundry trough cabinet doors or other doors in light gauge metal cabinets.

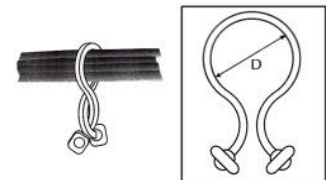
Note: All dimensions detailed below are in mm.



ITW Global	ITW FASTEX Part Number	Colour	Description	Hole Size mm	L	W	H
<b>Australia</b>	<b>296-0001</b>	Black	Handle Catch	0.9	65.0	44.5	2.8

## WIRE TIES

These fasteners bundle wires together with a simple twist and are easily opened and re-closed for the addition or removal of wires. Will not cut or abrade wires.



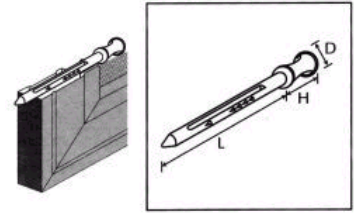
ITW Global	ITW FASTEX Part Number	Colour	Description	Open Diameter	Bundle Size
<b>New Zealand</b>	<b>126-0002</b>	Natural	Medium	2.0 – 6.0	22.2
<b>New Zealand</b>	<b>126-0005</b>	Natural	Large	4.5 – 7.5	18.0



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## FLYSCREEN PLUNGER PINS

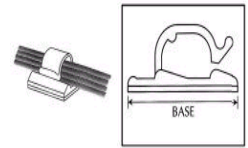
A one piece fastener for attaching aluminium flyscreens to window frames. The pin is easily withdrawn into the flyscreen frame to permit removal from the window when required.



ITW Global	ITW FASTEX Part Number	Colour	Panel Thickness	Hole Size mm	D	H	L
<i>Australia</i>	<b>356-0026</b>	Black	STD 24mm Frame	4.8	7.0	10.0	33.0

## ADHESIVE CLIPS

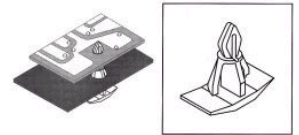
These routing clips are attached to a chassis by means of a permanent adhesive backing and are ideal where a flat surface attachment is required.



ITW Global	ITW FASTEX Part Number	Colour	Base Size	Total Height	Clip Width	Bundle Size
<i>ITW USA</i>	<b>100-0027</b>	Natural	25.5 – 25.5	12.0	12.8	7.5 x 11.5

## PCB MOUNT

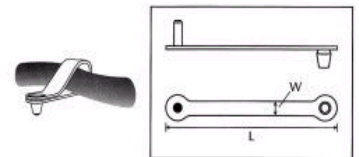
Designed to hold printed circuit boards securely in position and insulate them from the surrounding chassis, this fastener snaps into prepared holes for ease of use.



ITW Global	ITW FASTEX Part Number	Colour	Panel Clearance	PC Board Panel Thickness	PC Board Hole Size mm	Chassis Panel Thickness	Chassis Hole Size mm
<i>Australia</i>	<b>166-0013</b>	Black	6.5	1.4 – 1.6	3.4 – 3.6	0.9 – 1.1	7.8 – 8.0

## CABLE STRAPS

Designed to hold bundles of wires to chassis, these straps provide for easy control of quite large bundles of wires. They may be opened and closed again for the addition or removal of wires.



ITW Global	ITW FASTEX Part Number	Colour	Hole Size	Panel Thickness	Cable Capacity	W	L
<i>Australia</i>	<b>116-0001</b>	Black	6.5	0.5 – 1.0	14 Max	7.5	73.0



ITW Global	ITW FASTEX Part Number	Colour	Hole Size	Panel Thickness	Cable Capacity	W	L
<i>Australia</i>	<b>116-0095</b>	Black	6.7	1.0 – 1.2	34 Max	6.6	148.0



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## PIPE CLIPS

Designed to fasten pipes to lightweight panels, these clips have a Plastic Rivet fastening for ease of use. By driving the pin through the fastener, the clip can be removed if required, without damage to the panel.

ITW	Part Number	Colour	Hole Size	Panel Thickness	Max Pipe Diameter	H	L
Australia	106-0019	Black	7.2 – 7.8	0.8 – 4.3	8.0	11.7	9.0



ITW	Part Number	Colour	Hole Size	Panel Thickness	Max Pipe Diameter	H	L
Australia	106-0020	Black	7.2 – 7.8	0.8 – 4.3	4.5	8.4	9.0



## CLIPS

Available in a range of sizes depending on the number and type of cable that require routing. The clip snaps easily into a prepared hole and provides for secure retention and easy removal of cords and wires.

ITW	Part Number	Colour	Hole Size	Panel Thickness	Max Pipe Diameter	H	L
Australia	106-0053	Black	7.2 – 7.8	0.8 – 4.3	8.0	11.7	9.0



ITW	Part Number	Colour	Hole Size	Panel Thickness	Max Pipe Diameter	H	L
Australia	106-0077	Black	7.2 – 7.8	0.8 – 4.3	4.5	8.4	9.0



ITW	Part Number	Colour	Hole Size	Panel Thickness	Max Pipe Diameter	H	L
Australia	106-0152	Black	7.2 – 7.8	0.8 – 4.3	4.5	8.4	9.0



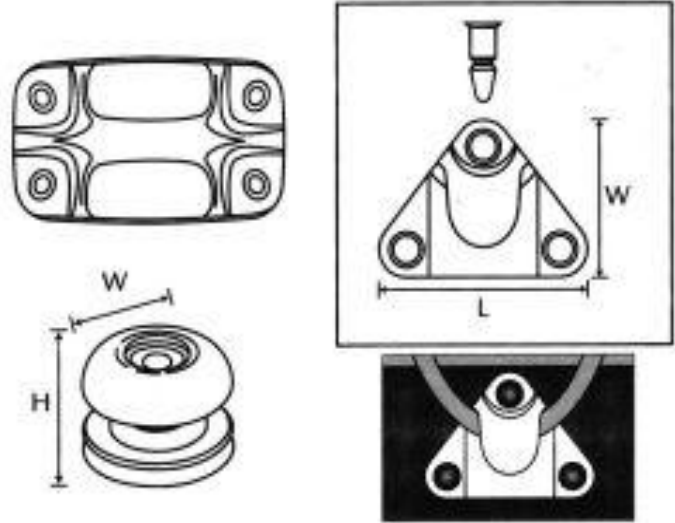


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## TONNEAU FITTINGS

Genuine OEM automotive components used to attach tonneau covers, such as those commonly used on utilities to the vehicle body.

Note: All dimensions detailed below are in mm.



ITW Global	ITW FASTEX Part Number	Colour	Description	Hole Size mm	L	W	H
Australia	346-0005	Black	Tonneau Hook (GMH)	6.4	38.0	29.0	13.5
Australia	346-0006	Black	Rope Ring (GMH)	6.4	60.0	33.3	16.5
Australia	346-0008	Black	Tonneau Hook (Ford)	6.4	28.5	38.0	14.0
Australia	346-0009	Black	Rope Ring (Ford)	6.4	60.5	35.5	16.0
Australia	346-0021	Black	Rope Button	4.2	-	20.0	15.0
Australia	356-0002	Black	Pin (GMH)	To be Used with 346-0005 / 346-0006			
Australia	356-0015	Black	Pin (Ford)	To be Used with 346-0008 / 346-0009			



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# AUTOMOTIVE

Automotive fasteners designed to secure a wide range of panels and fittings. Please note photos are not to scale and therefore should not be used as a guide to relative size. All data presented is given as a service and guide only.

ITW FASTEX Part Number	Description	Colour	Image	ITW FASTEX Part Number	Description	Colour	Image
140-0312	Clip Assembly	White		146-0156	Bumper Skin	Black	
140-0879	Door Trim Clip	White / Black		146-0170	Hood Insulation Clip	Black	
146-0017	Moulding Clip	Natural		146-0172	Moulding Clip	Natural	
146-0022	Door Trim Panel Thickness 1.2-2.2	Natural Hole Size 7.8-8.1		146-0175	Radiator Grille Retainer	Black	
146-0047	Moulding Clip	Grey		146-0178	Door Trim Panel Thickness 0.8-8.0	Natural Hole Size 7.3-7.4	
146-0070	Door Trim	Natural		146-0187	Deck Lid Mould Return	Black	
146-0088	Door Trim Clip	Natural		146-0201	Door Trim Round	Natural	
146-0094	Trim Clip	Black		146-0208	Retainer Cowl Weather Strip	Black	
146-0129	Moulding Clip	Grey		146-0218	Panel Retainer	Black	
146-0151	Moulding Clip	Natural		146-0238	Clip Bumper Ext.	Natural	



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## AUTOMOTIVE

ITW FASTEX Part Number	Description	Colour	Image
146-0250	Moulding Clip	Black	
146-0272	Moulding Clip	Natural	
146-0278	Clip	Slate Grey	
146-0279	Retainer	Black	
146-0320	Weather Seal Clip Panel Thickness 1.2 Hole Size 4.7	Natural	
146-0326	Retainer Long	Natural	
146-0335	Door Trim Clip	Natural	
146-0399	Door Trim Clip	Natural	
146-0469	Weather Seal Clip	Natural	
146-0567	Door Trim Clip	Yellow	

ITW FASTEX Part Number	Description	Colour	Image
146-0744	Door Trim Clip	Blue	
146-0768	Door Trim Clip	Natural	
156-0009	Snap In Clip	Black	
206-0041	Washer Bonnet Protector	Black	
226-0036	Clip Jack Handle 22-36	Black	
226-0061	Clip Jack Handle 22-61	Black	
246-0027	Speaker Grille Striker	Black	
246-0028	Speaker Grille Catch	Black	
256-0028	Bump Stop 25-27	Black	





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## URETHANE & PVC BUMPERS

Die Cut Diameter



Cylindrical



Tapered Square



Cylindrical Concavity



Hemisphere



Circular Depressed



Square



### URETHANE SELF ADHESIVE BUMPERS

- Excellent skid-resistance and high coefficient of friction;
- Non-marring and non-staining material;
- Rubber-based adhesive for high initial adhesion;
- Bumper material hardness 55-65 shore A;
- UL Flammability recognition on the urethane material. UL Flame Class Rating: 94HB.

### PVC BUMPERS

- Acrylic-based adhesive for long-term adhesion;
- Adhesive has excellent solvent and ultraviolet resistance;
- High shear strength;
- Bumper material hardness 55-65 shore A.

ITW USA Part Number	ITW FASTEX Part Number	Colour	Material	Shape	Size Height	Size Diameter
4001-00-5075	256-0032	Clear	Urethane	Cylindrical	0.140"	0.500"
4002-00-5075	256-0035	Clear	Urethane	Hemisphere	0.200"	0.437"
4041-00-5075	256-0038	Clear	Urethane	Cylindrical	0.085"	0.312"
4042-00-5075	256-0039	Clear	Urethane	Hemisphere	0.150"	0.375"
4023-00-5072	256-0049	Black	Urethane	Cylindrical	0.160"	0.750"
5015-01-00	256-0043	Black	PVC	Hemisphere	0.320"	0.645"
5017-01-00	256-0044	Black	PVC	Circular Depressed	0.400"	0.875"
5019-01-00	256-0045	Black	PVC	Tapered Square	0.300"	0.810" Sq.
5025-01-00	256-0047	Black	PVC	Cylindrical	0.250"	0.830"

#### NOTES:

- All dimensions are in inches.
- Dimensions listed are nominal.
- All dimensions  $\pm$  .02 inches measured without adhesive liner.
- Bumper may not be centred on skirt area of die cut.
- All bumpers are manufactured by ITW in the USA.



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## URETHANE & PVC BUMPER SPECIFICATIONS

### PHYSICAL PROPERTIES

<b>RUBBER - BASED</b>	
Colour:	Clear
Thickness	2.0 mils
Service Temperature Range:	-20°F (-29°C) to 140°F (60°C)
Minimum Dwell Time to Application Substrate:	15 minutes
<b>Peel Adhesion:</b>	<b>Shear Adhesion:</b>
Test method PSTC-1 (5 min. dwell, 12 in/min)	Test method PSTC-7 (Load 500 g at 72°F)
Substrate: Stainless Steel	Substrate: Stainless Steel
Typical Value: 70 oz/in	Typical Value: > 240 minutes to failure
<p>The adhesion has very high tack strength properties. Provides excellent adhesion to a variety of high surface energy substrates such as metal, glass, acrylic and polycarbonate. It also has good adhesion to low surface energy substrates such as polypropylene, polyethylene and powder coated paints.</p>	
<b>ACRYLIC - BASED</b>	
Colour:	Clear
Thickness	2.0 mils
Service Temperature Range:	-20°F (-29°C) to 140°F (60°C)
Intermittent exposure	up to 200°F (93°C)
Minimum Dwell Time to Application Substrate:	24 hours
<b>Peel Adhesions:</b>	<b>Shear Adhesions:</b>
Test method PSTC-1 (20 min. dwell, 12 in/min.)	Test method PSTC-7 (Load 1000g at 72°F)
Substrate: Stainless Steel	Substrate: Stainless Steel
Typical Value: 34 oz/in	Typical Value: >1440 minutes to failure
<p>The adhesive has excellent shear and long term strength properties. Provides excellent adhesion to high surface energy substrates such as metal, glass, acrylic and polycarbonate. Acrylic adhesives do not perform well on low surface energy substrates (polypropylene and polyethylene). It is important to keep in mind that the acrylic adhesive needs time to build its adhesion strength to the substrate. We recommend a minimum of 24 hrs of dwell time before actual application uses.</p>	
<p><b>APPLICATION TECHNIQUES:</b></p> <ul style="list-style-type: none"> <li>To obtain maximum adhesion, surfaces must be uniform, clean and dry, as well as free of grease, wax, oil, dust and other foreign material that might affect adhesion.</li> <li>Clean surfaces with low strength solvents such as Isopropyl Alcohol (rubbing alcohol) or Heptane.</li> <li>Application Temperature Range: +50°F (10°C) to 100°F (38°C).</li> <li>When applying the Fastex Bumper to surfaces, it is important that a sufficient amount of pressure is applied to obtain optimum adhesion.</li> <li>Avoid adhesive contamination with foreign material.</li> </ul>	<p><b>STORAGE GUIDELINES:</b></p> <ul style="list-style-type: none"> <li>Temperature Range: +40°F (4°C) to 75°F (24°C)</li> <li>Humidity Range: 40 to 60% R.H.</li> </ul> <p><b>SHELF LIFE:</b> Adhesion properties should not change for one year if stored at recommended storage guidelines.</p>
<p><b>IMPORTANT NOTICE</b> The information contained herein is believed to be accurate and reliable as of this date. No guaranty is expressed herein. ITW assumes no responsibility to end-use applications and no performance warranty is expressed or implied. The end-user is responsible for evaluating and determining whether the product is suitable for its' specific application. User assumes all risk and liability whatsoever in connection therewith. Neither seller nor manufacturer shall be liable either in tort or in contract for any loss or damage, direct, incidental, or consequential, arising out of the use of or the inability to use the product.</p>	