

Poppit The simple and discrete Panel Fastener

bigHead®

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Introduction

Poppit is a 2-component fixing made of steel and a high density polycarbonate.

Poppit saves time, allowing panels to be installed without drilling. Bonded to the back of a panel the Poppit is also discrete. A panel installed with Poppit can be demounted and remounted with perfect alignment every time.

Poppit is very versatile. Available in large and small sizes, Poppit can be used in different quantities to match panel weights and sizes.

Poppit can be bonded with most adhesives but Methyl Methacrylate, which can be released as some adhesive types cure, can weaken the polycarbonate material leading to breakage.



Please contact bigHead for design assistance and to help you meet your performance targets. Call +44 (0)1202 583 696

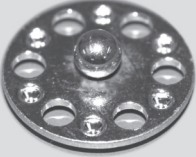


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Small Poppit (20mm)

Small Disc	PP20/20-5 Male Disc	PP20/20-5 Female
<ul style="list-style-type: none">- 20mm disc diameter- 5mm ball diameter- 2.5Kg pull		
Small Screw	P20/20-5 Male Screw	
<ul style="list-style-type: none">- 20mm disc diameter- 5mm ball diameter- 2.5Kg pull		

Large Poppit (30mm)

Large Disc	PP30/30-6 Male Disc	PP30/30-6 Female
<ul style="list-style-type: none">- 30mm disc diameter- 6mm ball diameter- 5Kg pull		
Large Screw	PP30/30-6 Male Screw	
<ul style="list-style-type: none">- 30mm disc diameter- 6mm ball diameter- 5Kg pull		

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Ordering information

Complete Poppit - Male and Female Discs	Size
SPP20/20-5	20mm
SPP30/30-6	30mm

Female Poppit Disc only	Size
PP20-5 Female	20mm
PP30-6 Female	30mm

Male Poppit Disc only (Stainless Steel)	Size
SPP20-5 Male Disc	20mm
SPP30-6 Male Disc	30mm

Male Screw only	Size
Hexagonal Head Self-Drilling Stainless Steel	
SPP20-5 Male Screw SD 4.2 x 13	4.2x13mm
SPP30-6 Male Screw SD 4.2 x 13	4.2x13mm
Hexagonal Head Self-Tapping Stainless Steel	
SPP20-5 Male Screw ST 4.2 x 13	4.2x13mm
SPP30-6 Male Screw ST 4.2 x 13	4.2x13mm

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Poppit FAQ's

How many Poppits do I need?

The number of Poppits you need will depend on the weight of your panel, the safety factor you want to apply and if any dynamic loading is present.

Which part of the Poppit do I fit first?

It does not matter if you fit the male (metal) part or the female (plastic) part first.

What is the plastic female part made of?

Macrolon 2805; chosen for its strength, flexibility and long term stability.

How long will the Poppit last?

Poppits are designed to last! The unique articulating "snap-fit" design combined with the use of quality materials ensure the Poppit will continue to provide a secure fixing in many applications, long after its first installation.

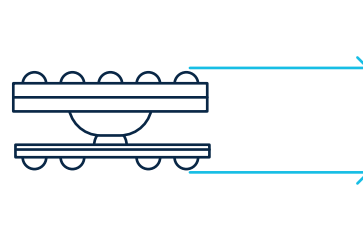
Can I obtain more technical data on the performance of the Poppit?

bigHead have some testing data available although this is based on laboratory conditions and specific test criteria, however it may be of interest to certain clients; please contact bigHead for further information or advice.

Which adhesive should I use?

As with any adhesive it is always recommended that you do a trial bonding first, in order to ascertain final bonding strength/quality for your particular material/application. Please note that Methacrylate adhesives have been shown to degrade the Macrolon plastic used to make the female part of the Poppit leading to cracking and failures.

What is the total stacking height of the Poppit?



8.8mm (20mm Poppit)
10.6mm (30mm Poppit)

How can I reduce the Poppit height?

Counter-bore one or both parts into the mounting substrates.

What spacing should I use between each Poppit on my panel?

This depends on available space and the weight of your panel. In most cases a nominal (maximum) spacing (or pitch) of approximately 400mm in each direction is acceptable but should be defined by the user in accordance with the panel area, loading and application.

Where should I mount my Poppits for the best results?

It is most desirable to mount Poppits relatively close to the edge of your panel as well as into the centre. This is to aid ease of panel removal once mounted into position with the Poppit system. As it is necessary to "snap-out" the Poppit fixings in order to remove your panel, placing Poppits around the panel edge permits easy access to the fixing to apply the release force required to "snap-out" the fitting. This also helps prevent damage to the installed panel and the Poppit fastener.

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