

bigHead M4-B38A carbon steel unthreaded pin product range

Technical Data Sheet



M4-B38A-5



Description

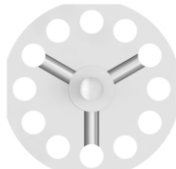
bigHead fastener with an unthreaded pin fixing, welded to a $\text{\O} 38$ mm cropped-circular perforated Head. Suitable for embedding and surface bonding applications requiring the following:

- Embedment into materials with overall or localised section thickness of around 3 mm or greater
- Surface bonding onto or through components, with minimal standoff/ clearance height.

Key features



Shoulder diameter to suit ISO 273 clearance holes



Perforated Head design



Minimised thickness/ stand-off height



Carbon steel construction, bright zinc plate finish

Intended usage



Embedding, flush pin



Embedding, inset pin



Surface bonding, blind pin



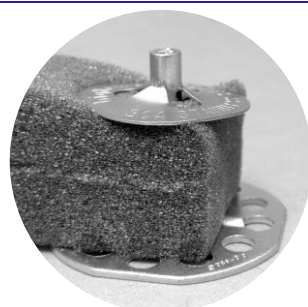
Surface bonding, through pin

Alternative configurations may be possible using this product.

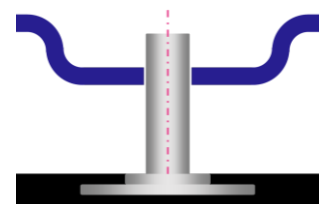
Please contact bigHead for further advice

Fastening functionality

Provides an unthreaded pin attachment point for secure fitment of spring clips and similar secondary devices.



Provides a locating pin to assist alignment during assembly.

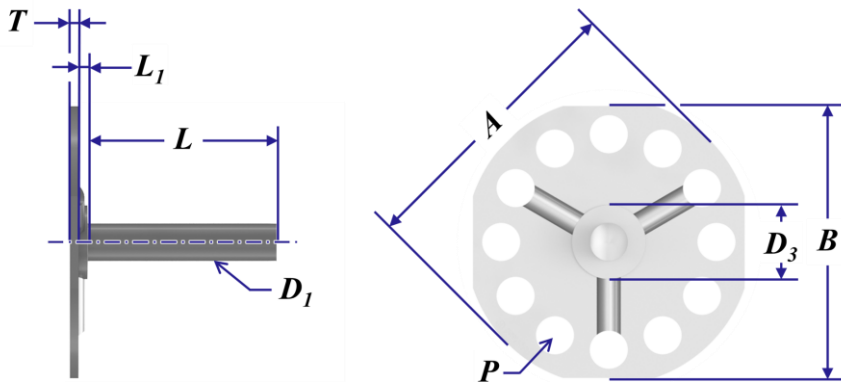


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Nominal dimensions (mm)

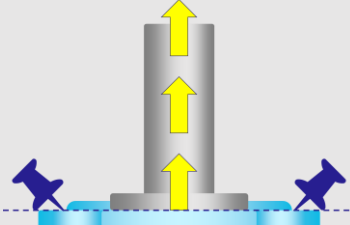
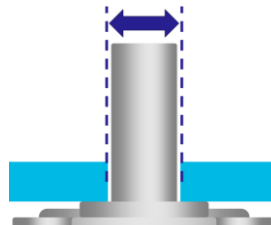


Product code	D1 (∅)	D3 (∅)	A (∅)	L	L1	T	B	Typical min. weight (g)
M4-B38A-5	5	9.8	38	Nominal pin length value	1.2	1.2	36	11

Common to all:

P - 12 perforation holes, equally spaced circular array

Design & application guidance

Pin size (D1)	Loadability (Weld) Max. tensile load (kN)	Clearance holes Max. recommended clearance hole size (mm)
5	5.0 Weld load limit (WLL):  To avoid failure of the bigHead product, do not exceed stated loadability limit. bigHead is not liable for failures arising from excessive tensile loading of their products.	5.5 ISO 273 "medium" clearance hole basis. 

Please contact bigHead for further guidance if you are unsure about these topics.

Disclaimer

The information within this document is for guidance purposes only and does not constitute a guarantee or warranty of any kind.

bigHead cannot accept liability for performance arising from use of these products.

Always perform appropriate testing and evaluation to determine application suitability.

Illustrations and diagrams are for illustrative purposes only and may differ from actual products.

Further information & contact details

For further information about these products, or for technical support inquiries, please contact us:

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