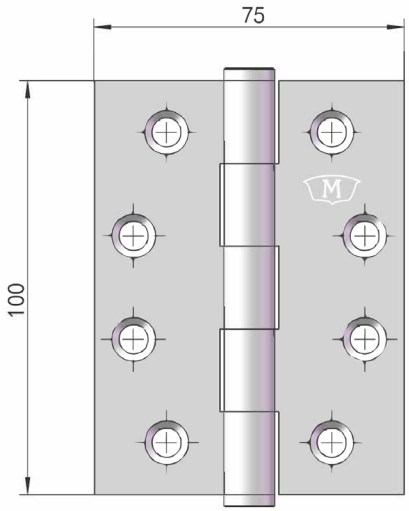
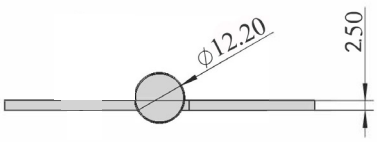
McCALLUM AUSTRALIA
Quality Hinges Since 1939

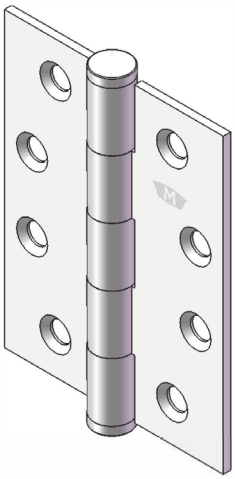
Unit 14, 198– 222 Young St, Waterloo 2017
PH: (02) 9698 5111 FAX: (02) 9698 5055
www.mccallumhinges.com.au
EMAIL: sales@mccallumhinges.com.au

STAINLESS STEEL BUTT HINGE

Code No. S 222







APPLICATION

- Suitable for aluminium and timber doors with aluminium, steel and timber frames.

SPECIFICATION

- **Material:** Stainless Steel **304** Grade.
- **Pin Dia:** 6.9mm - Stainless Steel **304** Grade.
- **Knuckle:** Round
- **Endcaps:** Pressed-in interference fit. Stainless Steel **304** Grade.
- Stamped with McCallum crest.
- Fixed Pin.

INSTALLATION GUIDE ONLY

- **Door thickness: Minimum 35mm.**
- When using a door closer, we recommend a minimum of 4 hinges be used, with the top hinge located as high as possible.
- Standard Door: 2040 (H) x 820 (W) - 3 hinges.

FIXING

- 32mm x 10g stainless steel fasteners for timber (supplied).
- 12mm x M5 stainless steel metal fasteners (supplied).
- Pop rivets are not recommended.
- Not recommended for Bi-Fold door systems.

FINISH

- Polished Stainless Steel.

OLD CODE NO.

- S10075 PFP

We reserve the right to change our specifications without notice.

Last Updated: July 1, 2015

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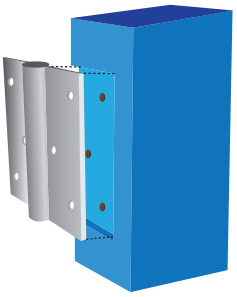
RECESS MOUNTED HINGE INFORMATION

Standard Application:

- The top hinge is 127mm down from the frame rebate to top of the hinge.
- Bottom hinge 254mm from bottom edge of barrel to finished floor.
- The third hinge is centered between the top and bottom hinges (if more than three hinges used, distance is equal for all between the top and bottom hinges.).
- See Example Door A.
- The hinge is to be recessed into the frame door to a depth equal to the thickness of the hinge leaf. This should also be done to the edge of the door to be swung.
- There will be a gap between the frame and the door edge equal to the distance between the two hinges when in the closed position (known as the 'Swage'). See Closed Door Top View diagram.
- Space out and mark all holes for pre-drilling before attaching the hinges.

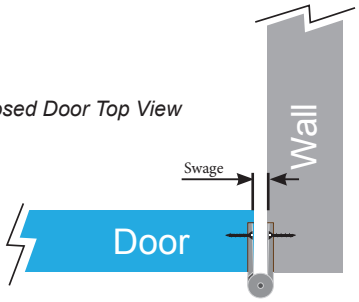


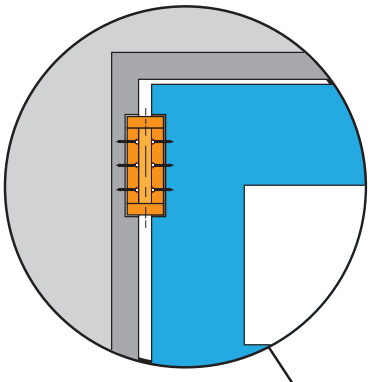
Recess, Pre-drill and Mount

With Door Closer:

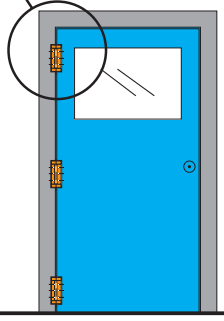
- If you are using a door closer, you will need to add an extra hinge on top of the advised chart.
- The spacing between the top two hinges should be the same as the length of the hinge.
- The first hinge should be as close (high) as possible to the door closer. The second should then be spaced equal to the hinge size (length) down the door. All subsequent hinges should be evenly spaced thereafter. See Example Door B.

Closed Door Top View

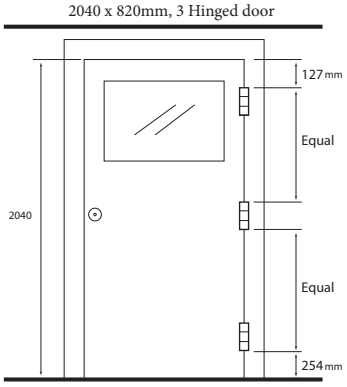




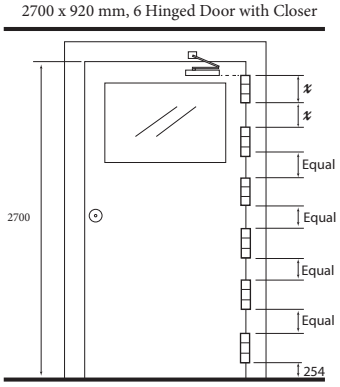
Mounted View



EXAMPLE A
2040 x 820mm, 3 Hinged door



EXAMPLE B
2700 x 920 mm, 6 Hinged Door with Closer



1 extra hinge due to the door closer.

Number of Hinges Required per Door Size		
	820 - 900 mm (W)	900 - 1000 mm (W)
2100 mm (H)	3	4
2300 mm (H)	3	4
2500 mm (H)	4	5
2700 mm (H)	5	6
2900 mm (H)	6	7

*All information is regarded as generic unless specified in writing by us.
Contact us for custom sizes and further information.