

IVES®

Flush Bolts & Dust Proof Strike

Door controls



Fire Rated: Tested on fire door assemblies in accordance with Australian Standards, refer fire door manufacturer for specific approval details

Ives flush bolts have been designed with manual and automatic functions for timber and metal doors. The series includes a comprehensive range of models to cover most installation requirements.

Selected for rigidity and strength, flush bolts are suited to meet commercial demands.

Features

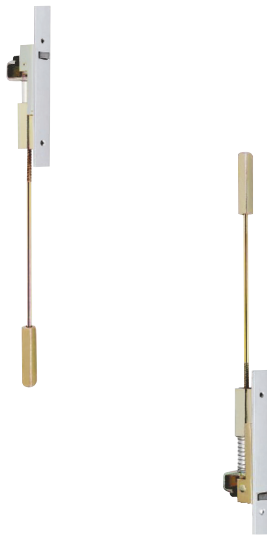
- Manufactured from heavy duty steel plate and cast brass
- Steel components are dichromate plated for corrosion resistance
- 19mm bolt throw for positive locking
- Fully automatic retraction of auto bolt
- Low actuation forces in auto locking functions
- Top auto flush bolts supplied with strike plate
- The 10 year warranty provides specifiers and users with assured quality and performance

Specification guide

Function/model	Finish
Auto flush bolt - top - aluminium door FB31T	Satin stainless steel SSS
Auto flush bolt - bottom - aluminium door FB31B	
Auto flush bolt - top - timber door FB41T	
Auto flush bolt - top - timber door FB41B	
Constant latching flush bolt - timber door FB61T	
Dust proof floor socket DP2	
Manual flush bolt - aluminium door FB358	Satin chrome plate SCP
Manual flush bolt - timber door FB458	

- Function/model
Select the desired function and model e.g. Top auto flush bolt for timber door FB41T
- Finish
Select the desired finish e.g. Satin stainless steel FB41T/SSS

Automatic flush bolts FB31T (top) FB31B (bottom)



Specifications

Door type	Aluminium and hollow metal
Operation	Inactive door is latched when active door closes, bolts retract when active door is opened
Low actuation forces	Top bolt has no spring tension
Bolts	19mm throw with a 22mm vertical adjustment
Standard rod	Length is 300mm, measured from the centre of the flush bolt body to the bolt tip
Extension rod	A 457mm extension rod is available for high doors
Dimensions	Body size; 25mm W x 172mm L x 52mm D
Handing	Non-handed
Finish	Satin stainless steel
Warranty	10 year mechanical
Optional	Dust proof strike DP2 prevents dirt build-up assuring full engagement of bottom bolt

Automatic flush bolts FB41T (top) FB41B (bottom)



Specifications

Door type	Timber
Operation	Inactive door is latched when active door closes, bolts retract when active door is opened
Low actuation forces	Top bolt has no spring tension
Bolts	19mm throw with a 22mm vertical adjustment
Dimensions	Body Size; 25mm W x 216mm L x 52mm D
Handing	Non-handed
Finish	Satin stainless steel
Warranty	10 year mechanical
Optional	Dust proof strike DP2 prevents dirt build-up assuring full engagement of bottom bolt

Manual flush bolts FB358 (top or bottom)



Specifications

Door type	Timber
Operation	Designed for use on pairs of doors with flush meeting styles. Flush bolts morticed into edge of door on inactive leaf. Door strength and rigidity maintained by tying door faces to reinforcing extensions on guide with machine screws and bearing washers.
Dimensions	Body size; 25mm W x 172mm L x 35mm D
Handing	Non-handed
Finish	Satin chrome plate
Warranty	10 year mechanical
Optional	Dust proof strike DP2 prevents dirt build-up assuring full engagement of bottom bolt

Manual flush bolts FB458 (top or bottom)



Specifications

Door type	Aluminium or hollow metal
Operation	Simplified installation in metal frames. Round bolt head requires only a punched hole. Use of strike optional. Special design of guide and flat sided bolt tip to prevent bolt rotation
Bolts	Bolt tip is 12.7mm diameter, bolts have 19mm throw with a bolt backset of 19mm
Standard rod	Length is 300mm, measured from the centre of the flush bolt body to the bolt tip
Extension rod	A 457mm extension rod is available for high doors
Dimensions	Body size; 25mm W x 172mm L x 29mm D
Handing	Non-handed
Finish	Satin chrome plate
Warranty	10 year mechanical
Optional	Dust proof strike DP2 prevents dirt build-up assuring full engagement of bottom bolt

Constant latching flush bolt FB61T (top only)



Specifications	
Door type	Timber
Operation	Constant latching - inactive door remains latched until active door is opened. The latch can then be manually released. Inactive door will automatically re latch when closed. Can be used with FB41B bottom bolt
Low actuation forces	Top bolt has no spring tension
Bolts	19mm throw with a 22mm vertical adjustment
Dimensions	Body size; 25mm W x 216mm L x 52mm D
Handing	Non-handed - latchbolt reversible
Finish	Satin stainless steel
Warranty	10 year mechanical

Dust proof strike



Specifications	
Operation	19mm threshold or floor mounted Designed for use with the bottom bolt of all flush bolts Spring loaded plunger returns to floor or threshold level any time flush bolt is retracted, eliminating need to clean standard floor strikes
Dimensions	Body size; Ø30mm x 48mm D Face plate: 41mm W x 89mm L x 3mm D
Finish	Satin stainless steel
Warranty	10 year mechanical

Note: It is highly recommended that the DP2 dust proof socket be installed with all automatic flush bolts.