High-security vault doors for protection of valuables. In use today in thousands of bank branches and many of the world's central banks.



Vault Door 3.5"

BURGLARY-RESISTANT PROTECTION

Key Features

- Designed for installation at major bank branches or in locations where protection of valuables is considered essential due to high risk factors.
- Doors are constructed from outer and inner plates
 of tough steel, continuously welded to form a single
 structure which encloses a layer of barrier material
 providing excellent protection against attack by
 high speed drills, explosives, forcing tools and torch.
- Chubbsafes F42 special formulated nylon fibre reinforced barrier material resistant to high speed drilling, oxy-acetylene cutting and jack attack.
- Frame is made from formed steel plates at the sides and top with a flat frame at the bottom.
 The frame is welded together to form a single structure of uniform strength. The doors are hung on strap centres which are provided with vertical adjustment.

- Vault doors available with 90mm, 115mm and 150mm barrier thickness.
- Off-white painted RAL9002 or stainless steel cladding with chrome finish door furniture.
- Emergency door that features similar specifications to the main door and gives access into the vault if the main door cannot be opened.
- An attractive looking grille gate can be fitted for ventilation of the room during the day and control when the door is open.
- Other options vault ventilation system where staff and customers need regular access into a vault. Left hand door opening.











Product Specifications

Ref.	Description	Main Door (with cast in frame) (in mm) 3.5"
А	Barrier material thickness	89
В	Overall door thickness	218.5
С	Recommended wall thickness (incl. finish)	300
(D)	Wall opening required – height	2328
E	Wall opening required – width	1600
(F)	Overall height of frame	2238
G	Overall width of door and frame when door closed	1410
(H)	Clear opening – height	2000
J	Clear opening with door at 180° – width	920
K	Minimum width to give maximum clear opening	2006
L	Projection of door at position K	939
M	Projection of door at 90°	1128.5
N	Projection of door fully open	437.5
Р	Overall width of gate when fully open	2023
Q	Projection of gate at 90°	965
R	Projection of gate fully open	51
(S)	Number of moving bolts	10
	Diameter of bolt	51
(T)	Net weight (in kg)	≈ 955

Shipping information (size of case including grille gate and vestibule)

	3.5"
Height	2390
Width	1540
Depth	600
Weight (incl. packing) (kg)	≈ 1185

Lighting Control

A 20 amp microswitch is fitted to control the electric light in the strong room. This also serves as a fire precaution to ensure that all wiring within the vault is disconnected when the door is closed.

Lock Options

Standard locking on all doors is dual. One 4-wheel (100 million variations) keyless combination lock and one 11-lever key lock with detachable bitted keys. The keyless combination lock is fitted with a blinder shield and dial check lock for added security. Besides the standard features, the doors can be customized with several different locking options such as third lock, electronic lock and fitted or prepared for two or three movement time lock.

Additional protection is provided by relocking devices which automatically secure the boltwork mechanism if the locks should be dislodged by explosive or by any other means.

The boltwork on all doors are 3-way moving bolts, with a total of 16 × 51mm diameter bolts engaging into the rebates on the frame for maximum protection. Bolts on the rear of the door are fixed.

The grille gate is secured by mortice deadlocks – two locks on the main door's grille, one lock on the emergency door's grille.

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