

PRODUCT TECHNICAL DATA SHEET

CHEMOLLI-FIREBOLT A1

PRODUCT DESCRIPTION

Fire mechanical seal bolt for fire resistance and/or security doors to avoid the possibility to extract the door leaf from the fixed frame on the hinges side. It is compounded with a cylindrical galvanized steel body, obtained from a solid part, dimensions 25x4 mm, with 2 fastening countersunk holes. Threaded pin M6x25 for setscrew wrench with a point at the end. Galvanize steel striker plate in one piece obtained from a solid part, dimensions 25x3 mm, with 2 fastening countersunk holes. The weight of the complete device with the striker plate is 20 g.

MAIN DIMENSIONS

DIMENSIONI E INGOMBRI

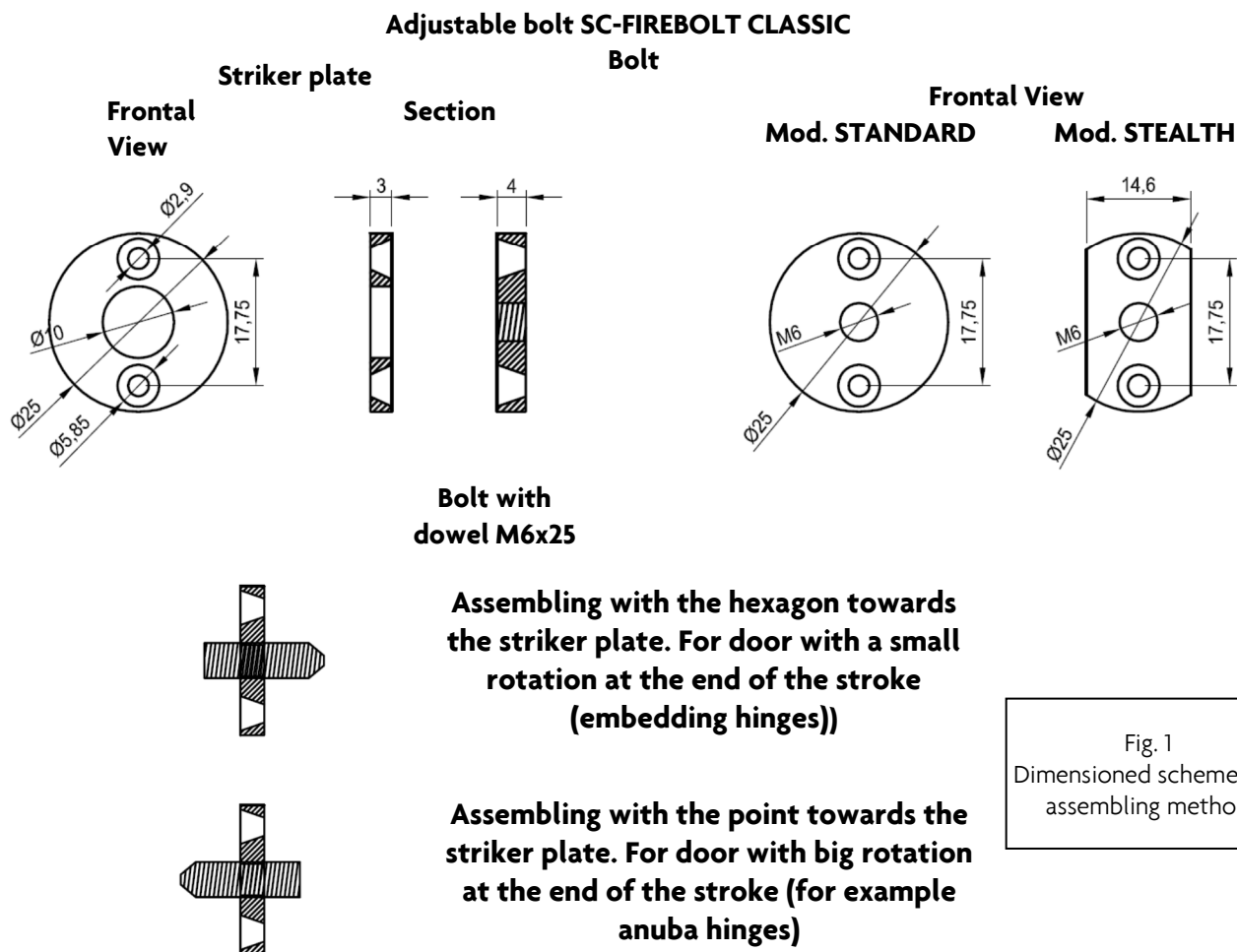


Fig. 1
Dimensioned scheme and
assembling method



INSTALLATION AND ADJUSTMENT

The device and the sticker plate can be positioned indifferently on the door leaf and on the frame. With reference to type of door and in particular to the hinges types (hinges with fulcrum moved outside the door rotate much more at the end of the stroke, or embedding hinges that keep the doors during the closing in the centre line), the threaded pin M6x25 can be installed both with the point at the end toward the internal or the external side, assisting the rotation of the door leaf in the last configuration. In this case the adjustment has to be done manually and not with tools.

POSITIONING ADVICE

In the fire resistance doors it is recommended to install the CHEMOLLI-FIREBOLT A1 device where the maximum deflection is expected because of the distance from constraint point like hinges. It is also important to evaluate the performance of the constraint point during the fire resistance test, because some of them, like hinges, could yield during the test. The exact position has to be determined on the basis of door's features and its fire resistance performance. If required Chemolli technical office could suggest you the better position for the device after studying your product. It is also possible to use more than one CHEMOLLI-FIREBOLT A1 device in the same door.

The CHEMOLLI-FIREBOLT A1 device and the striker plate must be positioned in parts of the doors that assure the correct stability for all the period of the fire resistance test. The settling of the support where the CHEMOLLI-FIREBOLT A1 or the striker plate is fixed means the unsuccessful functionality of the device itself. It must be warranted the perfect truing of the striker plate.

FINAL NOTE:

The Company reserves for himself right to modify in every moment and without notice the device and the present document.

LIMITED WARRANTY TERMS

The CHEMOLLI-FIREBOLT A1 is subject at the warranty law in force. Warranty exclusions: it is forbidden to change or modify the component parts of the device. In any case the warranty is limited to the replacement of the device and do not cover possible damage that could be verified after the installation of the device. Possible contention could be effected after having required a goods return coupon at the fax number +390464244539 specifying the supply data and the customer contacts: then the procedure of the contention treatment will be communicate. The goods has to be delivered to the manufacturer by the costumer at his own expenses. If it will be recognized a production defect, the device will be replaced by the manufacturer and the delivery of the product in replacement will be at the manufacture own expenses.

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