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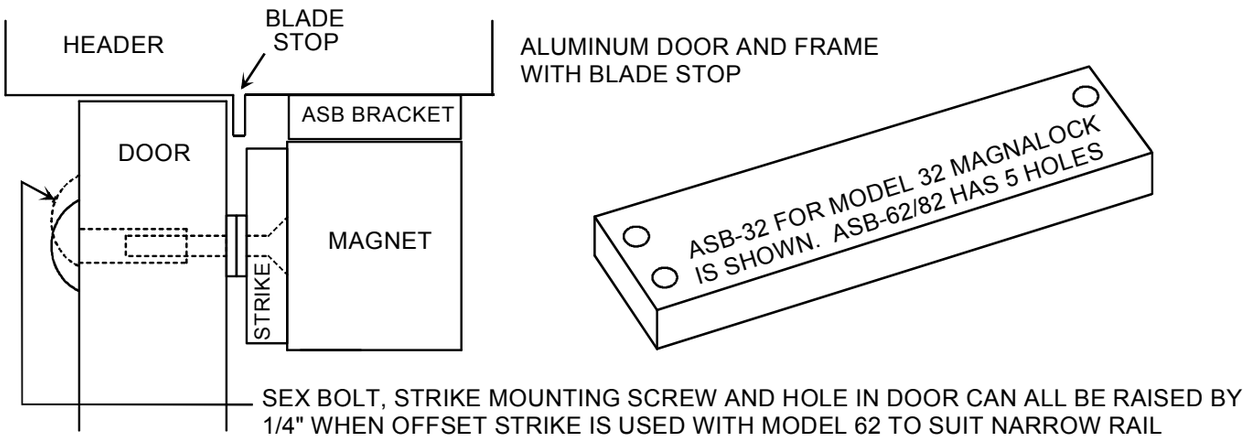
ASSA ABLOY, the global leader in door opening solutions

# SECURITRON ALUMINUM SHIM BRACKET, MODELS ASB-32, 62 AND 82 INSTALLATION INSTRUCTIONS

## 1. DESCRIPTION

Aluminum frame glass door headers typically employ a "blade" stop which is far too thin to provide a mounting surface for the magnet. When you elect to not cut away a section of the blade stop to mount the magnet directly to the header, the ASB allows you to space the magnet down so as to clear the blade stop (generally requiring 1/2" or 12.7MM of spacing). Separate brackets are available for the model 32, model 62 and model 82 Magnalock.

**FIG. 1: ASB BRACKET WITH INSTALLATION CROSS SECTION**




## 2. MOUNTING THE STRIKE PLATE

On some frame rails, you can mount the strike "conventionally" as described in the Magnalock instructions. This employs the sex bolt. With other narrow frames, once the magnet is spaced down by the ASB, it may not be possible to install the sex bolt without hitting the glass. This problem is more common with the model 62 and 82 then with the model 32, as the 62/82 projects down farther. Specifically models 62 and 82 however can employ an **offset strike** to recapture 1/4" (6.4MM) of the distance. Hardware supplied with the ASB adds an additional technique for coping with the problem of a narrow frame. The strike may be **directly mounted into a special blind nut.** While this may seem weak, the blind nut, when properly collapsed, provides adequate security for an aluminum frame glass door. The blind nut is delivered with 5/16-18 threads for the US version or 8MM-1.5MM threads for the metric version (suffix "M").

The blind nut is delivered with some additional hardware which allows it to be collapsed correctly in the door. A 27/64" (.40MM) hole is drilled in the door, and the blind nut is inserted fully into this hole. The additional hardware is threaded into the nut as shown in Figure 2. You then use a box wrench to hold the hex nut in position and turn the cap screw with an allen wrench three to four complete turns to collapse the blind nut. Use a **lubricant** on the blind nut threads, or the assembly may spin and not collapse.

**FIG. 2: COLLAPSING THE BLIND NUT FOR OPTIONAL MOUNTING OF STRIKE**