

A LATCH FOR CLAMP-SHELL CASINGS

Abstract

A latching device used in a casing assembly having a lower casing and an upper casing has a resiliently biased spring member and a hook member. The hook member is rigidly affixed to an interior top surface of the upper casing on one end and depends therefrom. On the opposing end of the hook member is a latch tooth. The spring member is rigidly affixed to an interior surface on the lower casing on one end leaving a cantilevered end projecting upwards towards the hook member in the upper casing. To bring the upper and lower casings together to a closed position, a user lowers the upper casing onto the lower casing. This action causes the latch tooth to engage the spring member to a latched position of the latching device to hold the upper and lower casings in the closed position of the casing assembly. To separate the upper and lower casings, the user simply lifts the upper casing relative to the lower casing to disengage the latching device.

Figure 3.