Olympus IC Core Cabinet Lock Installation

Overview

Olympus interchangeable core (IC) cabinet locks provide flexible keying solutions for filing cabinets, lockers, and secure storage. Installation requires proper hole sizing, component selection, and core insertion procedures.

Mounting Hardware

Standard Olympus IC locks include: lock body, strike plate, core retention spring, control key, change keys. Verify cabinet material compatibility (wood, metal). Inspect mounting surface for damage before installation.

Standard Hole Sizes

Two standard bore diameters: 7/8-inch for smaller cabinets, 1-1/8 inch for larger applications. Measure existing holes before ordering. Drill holes perpendicular to cabinet face. Clean burrs after drilling to ensure smooth operation.

Cam Selection

Cam rotates when key turns, operating internal latch mechanism. Standard cams operate most cabinet mechanisms. Specialty cams available for non-standard latches. Verify cam compatibility before purchasing locks.

IC Core Insertion

Insert core fully into lock body until lug seats firmly. Turn control key 90 degrees clockwise—core locks in place. Withdrawal attempt should not extract core. This prevents unauthorized core removal.

IC Core Removal

Turn control key 90 degrees counter-clockwise (located inside cabinet with key intact). Core extraction becomes possible. Remove core completely for rekeying or replacement. Inspect retention spring for wear.

Control Key Operation

Control key (typically universal for IC cores) required for core insertion/removal. Maintain control key in secure location. Control key does not operate cabinet lock—only facilitates core management. Document control key location for facility staff.

Rekeying Procedure

Extract existing core using control key. Insert new keyed core. Turn control key to lock in position. Test with provided change keys. Document new key distribution and retention.