

# INSTALLATION INSTRUCTIONS

for

## KX1125 & KX1130 Shipboard Mounting System for GSA Class 5 & 6 Containers

### INVENTORY:

- **3ea.** Strap assemblies with attached ratchets, flat end plates and rubber corner protectors.
- **2ea.** 2" x 2" x 3/8" thick- 36" long angle rails, drilled & tapped with 1/2"-20 UNF threads on 1" centers.

### NOTE:

The KX1125 system is provided with steel angle rails with a primer finish.

The KX1130 system is provided with aluminum angle rails left unfinished.

- **18ea.** 1/2"-20 x 3/4" Grade 5 hex head bolts.
- **18ea.** 1/2" lock washers.
- **6ea.** 1/2"-13 x 2" Grade 5 hex head bolts.
- **6ea.** 1/2"-13 nylon insert nuts.
- **6ea.** Backing plates, 2" x 2" x 1/4" thick- zinc plated steel.
- **6ea.** 1/2" flat washers.

### INSTALLATION:

1. Cut the angle rails 2 inches longer than the depth of the container. **DO NOT CUT THROUGH A THREADED HOLE.** The extra length will be needed to install the Retaining bolts at the front and back of the container (see Detail B).
2. Install a 1/2"-20 x 3/4" bolt and lock washer in the end holes of both angle rails with the hex heads facing inwards (see detail B).
3. Set the container and angle rails (see drawing) in place and mark the deck where the angle rails will be mounted. When installed there should be approximately 1/8" total, of play between the rails and the container.
4. Each angle rail will require a minimum of three through deck mounting bolts as evenly spaced as possible. Avoiding any under deck structures mark then drill the angle rails and deck.
5. Install the angle rails to the deck with the provided 1/2"-13 x 2" bolts. The backing plates, flat washers and nuts must be installed under the deck. Tighten the nuts to 70-90 ft-lbs of torque.

### NOTE:

The angle rails may be optionally welded to the deck provided the materials are compatible.

6. Place the container between the angle rails and install the strap assemblies with the 1/2"-20 x 3/4" bolts and lock washers (see drawing). Tighten the bolts to 80-100 ft-lbs of torque. The ratchets may be placed to the left or right as needed. Ensure the edge protectors are in position and the straps are vertical.

7. Using the ratchets, tighten the straps as tight as possible by hand, and then fold the ratchet handles flat so they lock.
8. The angle rails, bolts and end plates may be painted as desired.

**DO NOT ALLOW PAINT OR SOLVENTS INTO CONTACT WITH THE STRAPS OR RATCHETS AS THIS MAY DAMAGE THE WEBBING OR REDUCE ITS STRENGTH.**

