



**Concrete Clamp  
Model # 422-060**

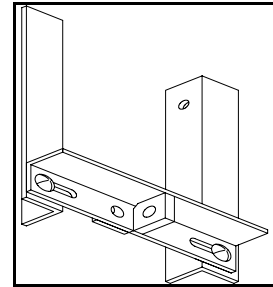
# AAI SPECIFICATIONS

DATE: 01/01/06

**MODEL NUMBER:** 422060

**DESCRIPTION:** Concrete Clamp

**GENERAL DIMENSIONS:** The AAI Concrete Clamp is designed for mounting various gymnastics and physical education apparatus to overhead concrete beams. The clamp fits square and tapered beams between 5" and 7" (127mm and 178mm) in width.



**CONSTRUCTION:** The concrete clamp consists of three brackets. The two side brackets mount the clamp to the beam and the bottom bracket attaches the side brackets to the apparatus. The clamp attaches to the concrete beam using four machine bolt expansion shields and four machine bolts.

**Side brackets:** The two side brackets are constructed of 13-1/4" (337mm) long 2" x 2" x 1/4" (51mm x 51mm x 6mm) M1020 steel angles. Two holes are drilled on one side for attachment to the beam. A single hole is drilled on the other side of the angle for attachment to the bottom bracket. The side brackets are finished with a baked metallic blue powder coating.

**Bottom bracket:** The bottom bracket consists of an 11-1/4" (286mm) long 2" x 2" x 1/4" (51mm x 51mm x 6mm) M1020 steel angle. It has a 1/4" (6mm) backing plate welded on the backside and a 1/2" (12mm) mounting plate-welded perpendicular to the backside to allow mounting of apparatus either perpendicular or parallel to the beam. The bottom bracket is finished with a baked metallic blue powder coating. It has two horizontal slots for attachment to the side brackets. The slots are 2" (51mm) in length to allow for width adjustment. The bottom bracket mounts to the side brackets using two 1/2" x 1-1/2" (13mm x 38mm) Grade 5 carriage bolts and two 1/2" (13mm) hex stover nuts.

## SHIPPING INFORMATION:

1 package - 12 lb. (5kg), 5" x 9" x 15" (127mm x 3226mm x 381mm), 0.39 CF