

Concrete Beam Clamp Specifications

Description: Concrete Beam Clamp

General Dimensions: The concrete beam clamp is designed for mounting various gymnastics, diving and physical education apparatus to overhead concrete beams. The clamp fits square and tapered beams between 5" and 7" (127 mm and 178 mm) in width. *PLEASE NOTE: We are able to manufacture CUSTOM SIZE Concrete Beam Clamps for widths more than 7" or less than 5" however, additional charges and lead time will apply to these custom orders. Contact us for details.*

Construction: The concrete beam 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"x2"x1/4" (51mm x 51mm x 6 mm) m1020 steel angle. It has a 1/4" (6mm) backing plate welded on the back side and a 1/2" (12mm) mounting plate welded perpendicular to the back side to allow mounting of apparatus either perpendicular or parallel to the beam.

Bottom Brackets: 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" (51 mm) in length to allow for width adjustment. The bottom bracket mounts to the side brackets using two 1/2" x 1-1/2" (13 mm x 38 mm) grade 5 carriage bolts and two 1/2" (12 mm) hex-head Stover nuts.