P154 Bridge Girder Magnet

The P154 Bridge Girder Magnet provides an easy method for precasters to form a void for the coil rod used to hang bridge overhang brackets. The magnet is designed to be used for AASHTO Type V and Type VI Bulb-Tee Girders.

PRODUCT FEATURES AND BENEFITS

- Magnet is reusable and eliminates the need for bridge hangers or drilling the precast beam.
- Magnet provides a strong connection with the precast form to provide precise placement of PVC sleeves.
- Magnet is fabricated to provide a void that is compatible with C49 and C89 type overhang brackets.
- Magnet attraction only on bottom of magnet.
- Shaft of magnet is 1” diameter to allow compatibility with standard PVC pipe.
- Base of magnet is molded with urethane material to provide a uniform void in the bottom of bridge girders and to eliminate any patch work required by precaster.

C90 Clamp for Falsework

PRODUCT DESCRIPTION:
The C90 Clamp is designed as a longitudinal holding device for components in a falsework assembly. They are typically used to clamp angle iron to the bottom flange of a steel beam as a way to mount it on timber or other temporary supporting elements.

PRODUCT FEATURES AND BENEFITS:
The C90 Clamp is an engineered product that is manufactured from Forged Alloy Steel. It meets or exceeds all requirements for the clamp listed in California Office of Structure Construction, Falsework Memo No. 4 and 5.

PRODUCT SPECIFICATIONS:

- Rated Clamping force of up to 10 tons
- Proof tested to 52 kips for over 2.5:1 Factor of Safety at full rated load
- Made with 3/4-10 NC Grade 8 Bolt with Cup Point Hardened to Rc 45-53.
- Clamping Force (lbs) = 80 x Bolt Torque (ft-lbs)
- Rated Bolt Torque is 250 ft-lbs (650 ft-lbs max)
- Its use should be restricted to beams with non-sloping flanges or flat angles and plates.
- Holding force is dependent on the actual friction coefficient of the surfaces being clamped.