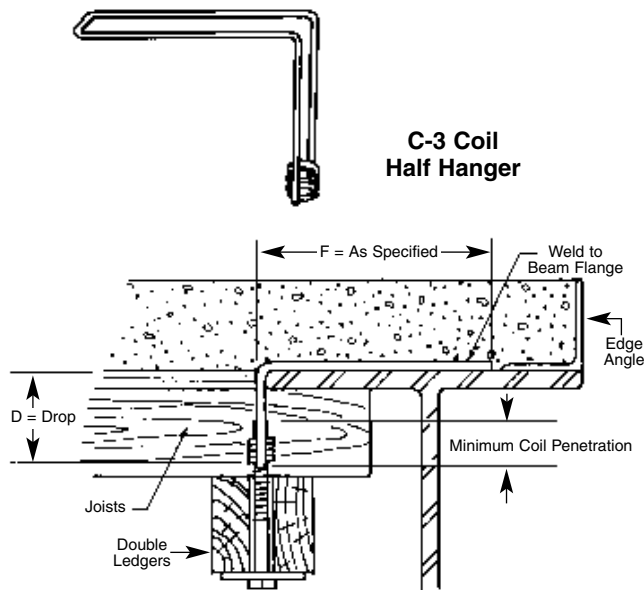


## C-3 Coil Half Hanger

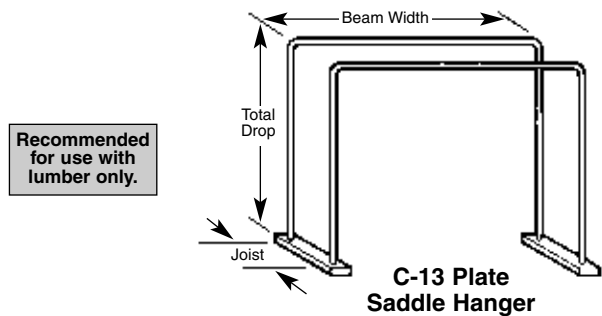
Dayton/Richmond C-3 Coil Half Hangers are 1/2" diameter coil hangers used on exterior structural steel beams. The free end is designed to be welded to the beam flange, or if welding is not permitted, can be bent around and back under the beam flange for a distance of approximately 2".

C-3 Coil Half Hangers are designed for light duty loads only. Safe working load is dependent on the strength of bend or field weld. Tests should be conducted in the field to determine actual safe working loads before implementation.



## C-13 Plate Saddle Hanger

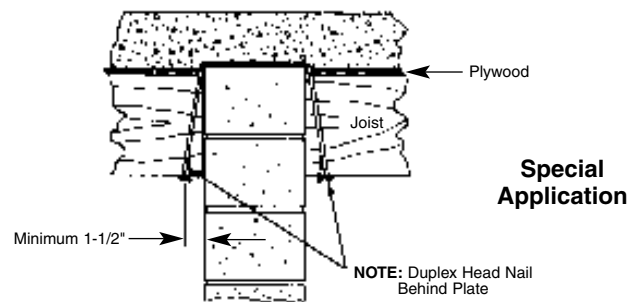
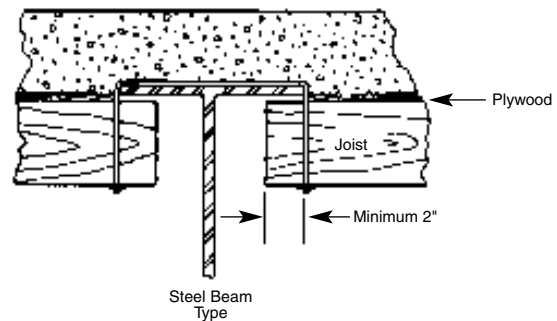
Dayton/Richmond C-13 Plate Saddle Hanger is primarily used with steel beam construction but can be used effectively on precast beams and concrete block walls. No working parts or adjustments are required. Just hang the hanger over a beam, insert the joists over the plates and lay plywood. The bearing plates are 1/2" wide and are fixed in position by swaging the wire. Standard plates are available for 2x4 and 4x4 SAS dressed lumber. C-13 hangers are available with any drop dimension and any beam width over 2" and with heavy-duty 4-gauge wire. C-13 hangers are recommended for use with lumber joists only and should not be utilized to support metal joists.



Joist lumber should extend past the hanger bearing support a minimum of 2".

**Warning:** Hanger must be equally loaded on both sides to prevent unequal loading and resulting rotation of the hanger.

**Special Application:** This application requires care to ensure adequate lumber bearing on the hanger. Use duplex head nail behind the hanger plate to prevent the joist from slipping off of the hanger plate. Continuous inspection, before and during concrete placement, is required.



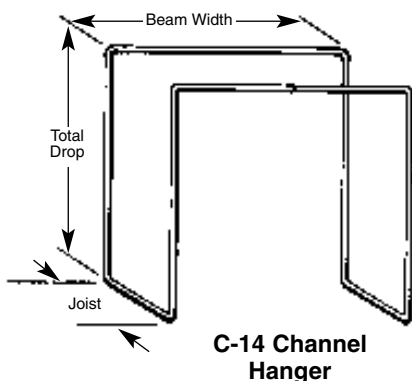
1,000 lbs. for C-13 Standard  
1,200 lbs. for C-13 Heavy  
Safe Working Loads

Approximate safety factor 2:1

## C-14 Channel Hanger

Dayton/Richmond C-14 Channel Hanger is similar to the C-13 hanger with the exception of channels instead of plates to support the wood joists. The channels increase the safe working load on the hanger and help reduce crushing of the wood. Soft wood joists may crush up to 3/16" at safe working loads.

**Warning:** Hanger must be equally loaded, on both sides of the beam, to prevent hanger rotation.



2,250 lbs. Per Side  
Safe Working Loads

Approximate safety factor 2:1