

## External Tie Hook

**Product Designation:** External Hook Coupler

**Type :** Scaffold Bracket

**Material :** Mild Steel

**Finish :** Bright Zinc Plated (thickness 3~5 Microns)

**Load Class (TG20) :** Standard Duty "A" 6.1kN

**Load Direction :** Tensile push-pull loads only

**The EXTERNAL hook coupler is used to tie scaffold structures to a variety of base materials via an eye type**

**product. This could be a restraint eye in a nylon plug, masonry screw eye or an eyebolt or eye nut secured**

**into another type of anchor. It consists of a mild steel bar formed into a "J" shaped hook and welded to a**

**BS EN 74-2 Class A pressed fitting.**



### Maximum Allowable Loads

The **MAXIMUM** allowable **TENSILE** load of an ADI – SCB03 external hook coupler for temporary works is 20kN. The working load is restricted by the slip rating of the EN74-2 Class A coupler to 6.1kN. It may be possible to increase the working load by the use of check fittings – if approved by the Consulting Engineer, Design Engineer or relevant Controlling Authority.

The load capability of this product is limited by:

- a) the loads achieved by the fixings
- b) the strength of the base material
- c) the slip rating of the coupler

### Steel and Weld Capability

The product has been **TENSILE** load tested to a minimum yield load of 40kN

### Quality Assurance

The pressed steel fitting has been manufactured and tested according to BS EN 74-2 and has been accepted as Class A for behaviour under load. All of our brackets are batch tested and inspected for ultimate performance.