

## Impact Recovery Systems

### Installation Instructions—#BS-SMxx Fixed Base with Concrete Screw Anchors

#### Concrete Screw Anchors (IM-CSA)

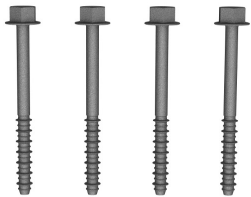
Kit contains four each: 1/2" x 4" Concrete Screw Anchors, 1" Washers

Recommended Tools: Hammer drill with 1/2" bit  
Small hammer  
3/4" wrench or socket  
1/4" Allen wrench (#BS-SMFx only)

#### Instructions:

1. Place Fixed Base on surface and align arrows to the desired position in the direction sign face or post will face. Mark anchor holes.
2. Drill four (4) holes 3-1/2" deep using a 1/2" bit. Clean holes.
3. Place the base over the holes. Assemble washer to anchor screw. Use 3/4" wrench to tighten anchor screws snug into base. Washer will rest on top of base and not in counter-sunk holes.
4. Place the sign or post into the base and check for proper alignment. For #BS-SMFx base, insert and tighten all four socket cap screws with 1/4" Allen wrench. For #BS-SMQx base, set spring unit on shoulder washers and turn slightly counterclockwise until pull pin fully seats.

Note: Take care to align base and knuckle to intended direction of traffic.



Concrete Screw Anchors



#### Traffic Direction

