

## 1. Description



**Anti Rotational Sign Clips** are specialized mounting brackets designed to securely attach signs to round or multi-sided poles using stainless steel banding, while actively preventing the sign from rotating or twisting around the pole axis. These clips typically feature teeth, spurs, or other gripping elements that engage with the pole surface, providing enhanced stability compared to standard flat brackets. They are used in pairs (top and bottom of the sign) and provide standard mounting points for sign attachment bolts.

## 2. Key Features:

- **Prevents Sign Rotation:** Integrated teeth, spurs, or high-friction surfaces grip the pole to resist twisting forces caused by wind or vandalism.
- **Secure Mounting:** Provides a stable platform for attaching signs using standard bolts.
- **Utilizes Banding:** Designed for installation with common stainless steel banding and associated fasteners (clips/buckles).
- **Drill-Free Installation:** Attaches to poles without requiring drilling, preserving pole integrity and coatings.
- **Versatile Pole Compatibility:** Suitable for use on various pole shapes (round, square, octagonal, etc.) and materials (metal, concrete, wood).
- **Durable Construction:** Typically made from corrosion-resistant materials like galvanized steel, aluminum, or stainless steel for long outdoor service life.

## 3. Applications

- Specifically designed for mounting signs where rotational stability is crucial:
- Traffic signs (regulatory, warning, informational) on roadside poles.
- Street name signs.
- Parking signs.
- Wayfinding signage in campuses, parks, or industrial sites.
- Any pole-mounted sign susceptible to wind load or tampering that could cause rotation.

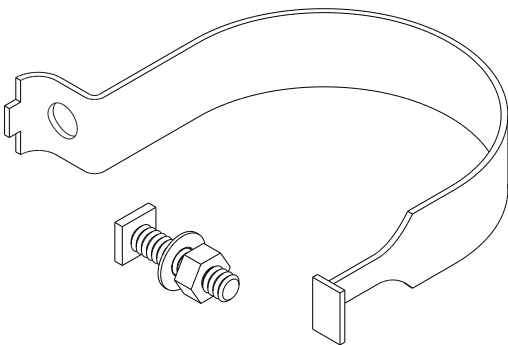
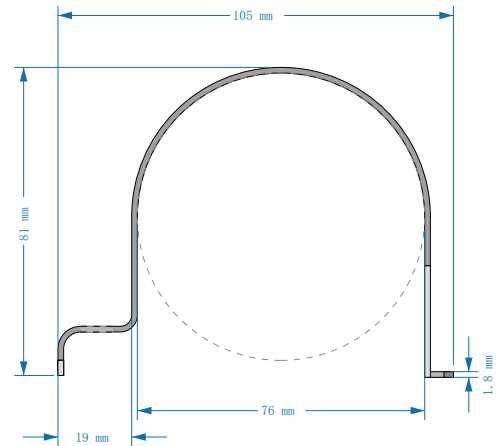
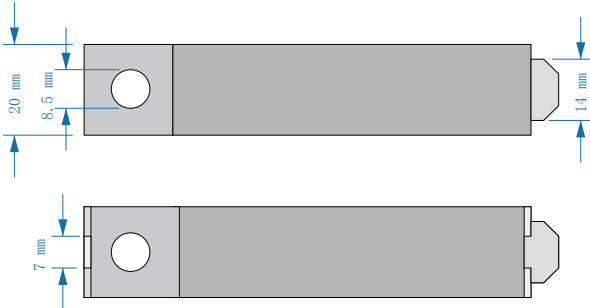
#### 4. Technical Data:

- **Material:**
  - Commonly: Hot-Dip Galvanized Steel, Aluminum Alloy.
  - Alternative: Stainless Steel (e.g., Type 304).
- **Anti-Rotational Feature:** Integrated Teeth, Spurs, or High-Friction Pad.
- **Compatible Band Widths:** Slots designed to accept standard banding widths.
- **Sign Mounting Holes:** Pre-drilled holes to accept standard sign mounting bolts. (Manufacturer to specify hole diameter and spacing, e.g., suitable for 5/16" or 3/8" bolts, standard traffic sign hole patterns).
- **Load Rating:** Dependent on clip material, banding used, number of bands, and installation quality. Refer to the manufacturer's specifications for load capacity.
- **Dimensions:** (Manufacturer to provide specific dimensions of the clip body, mounting face, and anti-rotational features).
- **Resistance:** Good to excellent corrosion resistance depending on material (Galvanized, Aluminum, Stainless Steel). Weather resistant.

#### 5. Installation Guidance:

- **Position Clips:** Place one anti-rotational clip near the top sign mounting hole location and another near the bottom mounting hole location on the pole. Ensure the anti-rotational teeth/spurs are oriented to engage firmly with the pole surface.
- **Secure Clips to Pole:** Wrap the banding around the pole and through the clip. Securely fasten the stainless steel banding using the appropriate clips/buckles and tensioning tool, following the installation procedure for that specific fastening method. Ensure the band is adequately tensioned so the anti-rotational features bite into or grip the pole securely. Repeat for the second clip.
- **Align Sign:** Position the sign against the mounting faces of the installed clips, aligning the sign's mounting holes with the holes in the clips.
- **Mount Sign:** Insert appropriate bolts through the sign and clip holes. Secure firmly using washers and nuts on the back of the clips. Tighten bolts evenly.
- **Inspect:** Verify that the clips are securely attached to the pole, the anti-rotational features are engaged, and the sign is firmly fastened to the clips and stable against rotation.
- **Safety:** Always wear appropriate safety gloves (cut-resistant) and eye protection. Ensure installation complies with local regulations (e.g., traffic sign mounting height and offset). Confirm load limits are not exceeded.

## 6. Specifications



| Code   | Diameter |      | Bolt  |
|--------|----------|------|-------|
|        | mm       | inch |       |
| SPC47  | 47       | 1.8  | M8X32 |
| SPC50  | 50       | 2    | M8X32 |
| SPC60  | 60       | 2.4  | M8X32 |
| SPC76  | 76       | 3    | M8X32 |
| SPC89  | 89       | 3.5  | M8X32 |
| SPC102 | 102      | 4    | M8X32 |
| SPC114 | 114      | 4.5  | M8X32 |

## 7. Associated Products

- **Stainless Steel Banding:** Required for installation. Width should match clip slot compatibility (e.g., 3/4" recommended for strength). Material grade (e.g., 201, 304) should suit the environment.
- **Banding Clips/Buckles:** Required to secure the banding (e.g., Wing Seals, Push Seals, Screw-Lock Buckles). Must match the banding width.
- **Banding Tensioning Tool:** Appropriate tool needed to tension the banding and install the chosen clip/buckle type.
- **Hammer:** Required if using Wing Seals or similar hammered clips.
- **Sign Mounting Bolts, Nuts & Washers:** Standard hardware (e.g., 5/16" or 3/8") compatible with sign and clip mounting holes.

**Disclaimer:** The information provided in this datasheet is intended as a general guide. Specific performance characteristics, especially load ratings and anti-rotational effectiveness, can vary based on materials, installation quality, banding used, pole type, and application conditions. Users **MUST** consult the manufacturer's specific data and verify the product suitability and load capacity for their requirements. Manufacturer reserves the right to change specifications without notice.