

STRUT ANGLE BRACKETS

PLAIN & ELECTRO-GALVANIZED

CERTIFICATION

TECHNICAL DATA



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STRUT ANGLE BRACKETS

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Strut Angle Brackets are versatile connection components designed to create secure connections between strut channels and structural members.

Commonly used in framing, support, bracing, and equipment mounting applications, these brackets provide a simple and reliable method for assembling strut systems without welding or field fabrication.

1/4" Thick. 1-5/8" Wide. Available in plain & electro-galvanized finishes.



KEY BENEFITS

- Simplifies framing and support assembly
- Eliminates the need for welding or field fabrication
- Compatible with standard strut channel systems
- Durable steel construction for long-term performance
- Multiple sizes available for installation flexibility
- Helps reduce installation time and labor costs
- Suitable for indoor and outdoor applications

APPLICATIONS

- Strut framing systems
- Equipment support structures
- Pipe and conduit supports
- HVAC support assemblies
- Electrical and cable management systems
- Trapeze support installations
- Mechanical and industrial applications
- General construction and infrastructure projects

AVAILABLE FINISHES

- Plain
- Electro-Galvanized

MATERIAL SPECIFICATIONS

TABLE 1: MATERIAL SPECIFICATIONS OF STRUT ANGLE BRACKETS

| | |
|------------------|--|
| MATERIAL | Carbon Steel – ASTM A1011-00 SS GR 33 or ASTM A1011-00CS Type B |
| FINISH | Electro-Galvanized. Electroplating deposits zinc on the surface of the steel by electrolysis from a bath of zinc salts. Recommended for relatively dry indoor use. Thickness of applied zinc is between 0.2 mils to 0.5 mils [5.1 µm to 12.7 µm]. Meet ASTM B633 SC1 Type III. |
| SERVICE | Designed for attaching hanger rod to the side of beams or walls. |
| APPROVALS | Complies with Federal Specification WW-H-171-E (Type# 35), A-A-1192 A (Type# 34), and MSS SP-58 and 7SP-69 (Type# 34). |



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DIMENSIONAL DATA

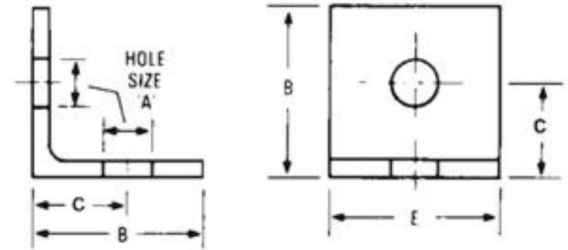


TABLE 2: DIMENSIONAL DATA OF STRUT ANGLE BRACKETS

| SIZE | HOLE SIZE A | MATERIAL THICKNESS | B | C | D | WEIGHT EACH (lbs.) | MAX REC LOAD (lbs.) |
|--------|-------------|--------------------|--------|---------|-------|--------------------|---------------------|
| 3/8-16 | 7/16 | 8ga | 2-1/16 | 1-15/16 | 1-1/2 | 0.225 | 300 |
| 1/2-13 | 9/16 | 3ga | 2-1/8 | 1-3/8 | 1-1/2 | 0.330 | 560 |
| 5/8-11 | 11/16 | 3/8 | 2-3/4 | 1-5/8 | 2-1/2 | 1.130 | 900 |
| 3/4-10 | 13/16 | 3/8 | 3-1/4 | 2-3/16 | 2-1/2 | 1.390 | 900 |

ORDERING INFORMATION

TABLE 3: ORDERING INFORMATION OF STRUT ANGLE BRACKETS

| PART NUMBER | PIPE SIZE | TYPE | HOLE SIZE | FINISH | QTY/BOX |
|-------------|----------------|------------------|------------------------------|--------------------|---------|
| 6ABPL038 | 2-1/16 x 1-1/2 | 2-Hole 90° Angle | 7/16" – for 3/8" rods | Plain | 1 |
| 6ABGV038 | 2-1/16 x 1-1/2 | 2-Hole 90° Angle | 7/16" – for 3/8" rods | Electro-Galvanized | 1 |
| 6A301 | 2-1/16 x 1-7/8 | 2-Hole 90° Angle | 9/16" – for 3/8 or 1/2" rods | Electro-Galvanized | 1 |
| 6A305 | 1-5/8 x 4-1/8 | 3-Hole 90° Angle | 9/16" – for 3/8 or 1/2" rods | Electro-Galvanized | 1 |
| 6A311-USA | 3-1/2 x 4-1/8 | 4-Hole 90° Angle | 9/16" – for 3/8 or 1/2" rods | Electro-Galvanized | 1 |
| 6A3194-6 | 3-5/8 x 3-1/2 | 4-Hole 45° Angle | 9/16" – for 3/8 or 1/2" rods | Electro-Galvanized | 1 |
| 6A3174-2 | 3-5/8 x 3-1/2 | 4-Hole 45° Angle | 9/16" – for 3/8 or 1/2" rods | Electro-Galvanized | 1 |

**STRUT ANGLE BRACKETS**

PLAIN & ELECTRO-GALVANIZE

ORDERING INFORMATION**TABLE 5: 6CHGV CLEVIS HANGER ELECTRO-GALV ORDERING INFORMATION**

| PART NUMBER | PIPE SIZE | FINISH | QTY/BOX |
|-------------|-----------|--------------------|---------|
| 6CHGV0012 | 1/2" | Electro-Galvanized | 1 |
| 6CHGV0034 | 3/4" | Electro-Galvanized | 1 |
| 6CHGV0100 | 1" | Electro-Galvanized | 1 |
| 6CHGV0114 | 1-1/4" | Electro-Galvanized | 1 |
| 6CHGV0112 | 1-1/2" | Electro-Galvanized | 1 |
| 6CHGV0200 | 2" | Electro-Galvanized | 1 |
| 6CHGV0212 | 2-1/2" | Electro-Galvanized | 1 |
| 6CHGV0300 | 3" | Electro-Galvanized | 1 |
| 6CHGV0400 | 4" | Electro-Galvanized | 1 |
| 6CHGV0500 | 5" | Electro-Galvanized | 1 |
| 6CHGV0600 | 6" | Electro-Galvanized | 1 |
| 6CHGV0800 | 8" | Electro-Galvanized | 1 |
| 6CHGV1000 | 10" | Electro-Galvanized | 1 |
| 6CHGV1200 | 12" | Electro-Galvanized | 1 |

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ORDERING INFORMATION**TABLE 6: 6CHCE CLEVIS HANGER PLAIN ORDERING INFORMATION**

| PART NUMBER | PIPE SIZE | FINISH | QTY/BOX |
|-------------|-----------|--------------|---------|
| 6CHPL0012 | 1/2" | Copper Epoxy | 1 |
| 6CHPL0034 | 3/4" | Copper Epoxy | 1 |
| 6CHPL0100 | 1" | Copper Epoxy | 1 |
| 6CHPL0114 | 1-1/4" | Copper Epoxy | 1 |
| 6CHPL0112 | 1-1/2" | Copper Epoxy | 1 |
| 6CHPL0200 | 2" | Copper Epoxy | 1 |
| 6CHPL0212 | 2-1/2" | Copper Epoxy | 1 |
| 6CHPL0300 | 3" | Copper Epoxy | 1 |
| 6CHPL0400 | 4" | Copper Epoxy | 1 |