Superstrut® metal framing system
Finishes

GoldGalv®
The standard GoldGalv® finish is made up of a multi-step electrogalvanizing and zinc trivalent chromium process. The trivalent chromium finish is applied over the zinc, producing a chemically bonded non-porous barrier for protection from moisture and air. The .5 mil electro-plated zinc and gold trivalent chromium finish provides all of the features and protection of hexavalent chromium without the use of the chemical.

SilverGalv® (Suffix EG)
Often referred to as “zinc plated” or “electroplated zinc,” the steel and .5 mils of zinc are bonded by an electrolysis process. This is the identical process used in the Superstrut Goldgalv® finish without the numerous benefits of the gold-colored trivalent chromium conversion coat (see GoldGalv® finish for more information). Electrogalvanizing is most commonly applied to small fittings, hardware and threaded products.

Green or white urethane powder coated (Suffix GR or WH)
Urethane powder resins are applied electrostatically to the steel after fabrication. Once the material is completely covered with the powder-form urethane, it proceeds through a 400˚ baking process for ten minutes, creating a chemical bond. This results in a minimum of 1.5 mil thickness of urethane coating, providing excellent resistance to chipping or peeling.

Pregalvanized (Suffix PG)
A zinc coating is applied by hot-dipping the steel coil at the mill prior to fabrication. Once the material is worked by roll-forming, cutting or punching, minimal protection is provided for raw edges. This weakness is typical with precoated material and affects the channel section around holes, extreme ends and the edges of the “U” shape lips. Superstrut pregalvanized material is in conformance with ASTM A-525/G-90 specification standards, representing 0.90 ounces of zinc per square foot of steel. This finish is often referred to as “hot-dipped mill galvanized” or “mill galvanized.”

Hot-dipped galvanized (Suffix HDG)
The material is zinc coated after fabrication, providing total product protection on all surfaces. The fabricated channel or fitting is suspended and then dipped into tanks of hot zinc for a prolonged period, creating a coherent bond. The result is superior corrosion resistance as compared to pregalvanized material. Hot-dipped galvanizing is not recommended for threaded products, because the thickness of the zinc coating will often disrupt the threads. Superstrut hot-dipped galvanized is in conformance with ASTM Specifications A-123 (formerly A-386) and A-153. Superstrut channels maintain a minimum 1.5 ounces of zinc per square foot of steel or 2.5 mils (ASTM A-123, Thickness Grade 65). This finish is also referred to as “hot-dipped galvanized after fabrication.”

Fittings and brackets

Special application fittings

01 **Q202**

02 **A205**

03 **Q255**
For 2" standard pipe.
Load 1,500 lbs.

04 **Q256**
For 2" standard pipe.
Load 1,500 lbs.

05 **Q253**
For 1¼" standard pipe.
Load 1,500 lbs.

06 **Q254**
For 1¼" standard pipe.
Load 1,500 lbs.

07 **TR292**
Frictionless needle bearings.
Design load: 500 lbs.
Safety factor of 5.

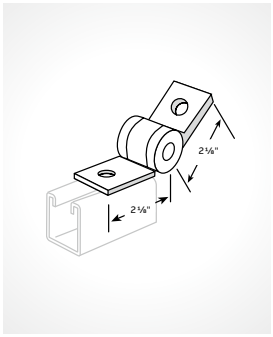
08 **TR294**
Frictionless needle bearings.
Design load: 1,000 lbs.
Safety factor of 5.

Standard dimensions

- Hole spacing: 1 3⁄16" from end
- Hole spacing: 1 7⁄8" centers
- Hole size: 9⁄16" diameter
- Material: 1 5⁄8" width
- Material: ¼" thick

Standard finish

GoldGalv®, unless otherwise stated. Add EG suffix for SilverGalv® Finish



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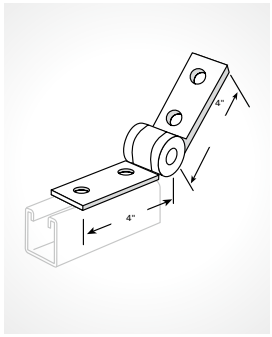

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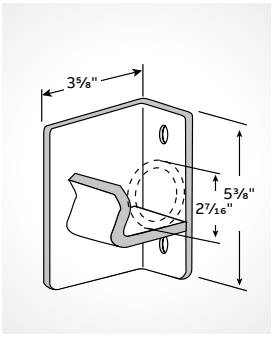

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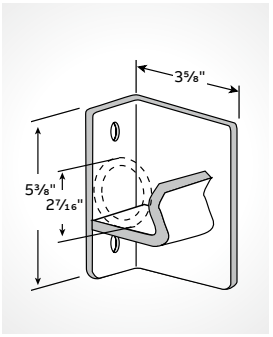

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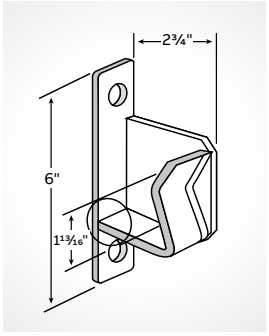

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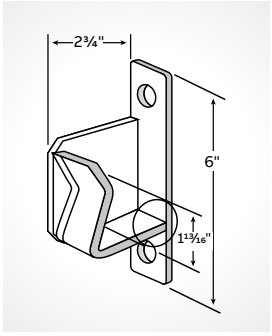

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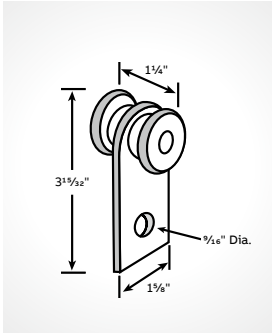

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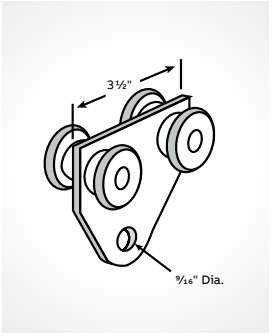

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