CHANCE®

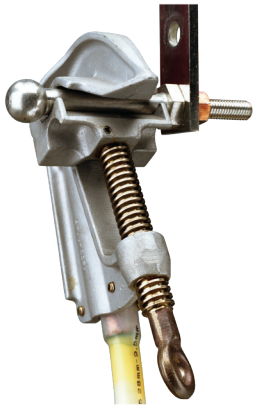
Apparatus Grounding Clamps

Ball-and-socket design for multiple uses

- For restricted-space applications and as a truck-grounding system, this compact design delivers a high-current rating usually associated with only large clamps
- Applies to a wide range of switching equipment, including:
  - o Industrial metalclad gear
  - o Substations – indoors and out
  - o Distribution – overhead and underground
- For trucks, a *ball stud permanently mounts on each body
- For three-phase livefront set, see page 3017
- Two clamp styles and three ball stud lengths adapt to many applications
- Clamp bodies, eyescrews and *ball studs are bronze alloy
- Tin-plated ball studs have nominal 1"-diameter ball and stud to fit NEMA terminal pads
- Lockwasher and nut are silicone bronze
- ASTM Designation of Type I, Class A, Grade 5 for any of these clamps is met if associated grounding-cable sets are fitted with 5⁄8" copper ferrules and 4/0 cable as on page 3021
- IEC Rating at 15 cycles of 35 kA for C6002100 and T6002320

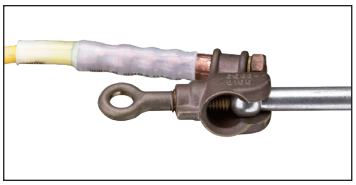
Fault Current Ratings 43,000 Amps — 15 cycles
30,000 Amps — 30 cycles

Recommended Installing Torques:
Eyescrew 250 inch-pounds ***Ball Stud** 300 inch-pounds



Long stud shank accepts most types of grounding clamps

Socket clamps provide multi-angle attachment of grounds

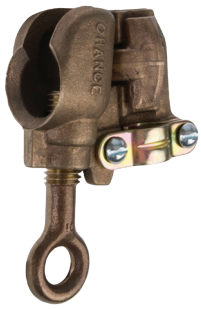




Clamp C6002100
Drilled for 5⁄8-11 UNC threaded ferrule
or
Clamp C6002101
Tapped for 5⁄8-11 UNC threaded ferrule
for threaded stud ferrule on #2 to 4/0 grounding cable

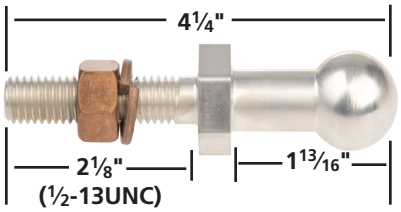


Clamp T6002320
Tapped for 5⁄8-11 UNC threaded ferrule
for threaded stud ferrule on #2 to 4/0 grounding cable
Please use unshrouded ferrule only on 4/0 cable.

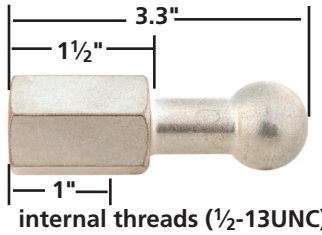


Clamp C6002300 with pressure terminal
for plain-plug ferrule on #2 to 4/0 grounding cable

Weight, each clamp on this page: 1 lb. / 0.5 kg.

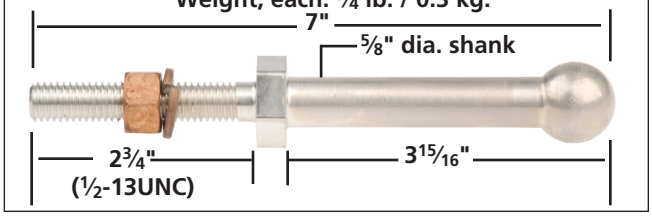


***Standard Ball Stud C6002102**
5⁄8" dia. shank
Weight, each: ½ lb. / 0.2 kg.



***Female-Thread Ball Stud T6002867**
5⁄8" dia. shank
Weight, each: ½ lb. / 0.2 kg.

***Long Ball Stud T6002364** **3" nominal shank length**
Weight, each: ¾ lb. / 0.3 kg.



*Ball studs do not interchange with system on page 3016.

Grounding Stud Cover – fits onto 1" ball studs of Apparatus Grounding Clamps above

Features & Applications

- Made with same material as CHANCE line hose
- Nonconductive cover may help prevent flashover on ball studs installed in enclosed switchgear, switchyards or substations
- Cover is not intended for personnel protection and should not be considered as insulative cover-up equipment
- Resilient ozone/corona-resistant thermo-plastic elastomer does not absorb water
- Special formulation resists aging/checking and retains high-visibility orange color
- Snap-fit keeps cover in place

Catalog No.	Description	Weight
C4060416	Grounding Stud Cover	1 oz. / 28 g.





- 5⁄8"-I.D. loop at top permits hot-line tools to "pop" it on and off
- CHANCE silicone lubricant C4002320 or C4170287 may ease installation and removal
- Not an insulated Cover