

# Temporary Protective Ground Studs

The need for higher-rated grounding components and accessories is driven by continuous increases in the national electric grid's power capability. The ASTM F855 standard outlines specifications for temporary protective grounding with updates that reflect these changing requirements.

**Burndy Temporary Protective Ground Studs** are single point ground connections for Temporary Ground Sets. The Burndy H-Rated Ground Studs are designed and tested to meet the requirements of ASTM F855 Table 2. The ball stud covers serve as animal mitigation and stud surface protectant.

## Features

- Constructed of tin-plated cast copper alloy
- NEMA spaced terminal pad
- Animal mitigation / stud protector cover available
- Ball and socket design accommodates industry standard ground set clamps
- Available in straight, 45°, and 90° variations
- Third-party laboratory test results available



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## Typical Applications

Use for protective grounding applications within structures and/or equipment (such as step-up, distribution, or service transformers) in:

- Renewables (wind main driver)
- Utilities
- Substations
- Petrochemical or plastics plants



**TEMPORARY PROTECTIVE  
GROUND STUDS**

**Type GSC88  
35mm Ground Ball Stud with 90° NEMA Pad**

Catalog Number	Description	Mounting Details & Orientation	Pad Angle	Ball Diameter	Rating
<b>GSC882NH35B7H</b>	Ground Stud	1/2" holes with 1.75" NEMA Spacing; 90° Pad	Straight	35 mm (1.38")	Grade 7H
GSC882NH35BCOVER	Ground Stud Cover	Not applicable for cover			

**Type GSC75  
30mm Ground Ball Stud with Inline NEMA Pad**

Catalog Number	Description	Mounting Details & Orientation	Pad Angle	Ball Diameter	Rating
GSC752N30B5H	Ground Stud	1/2" holes with 1.75" NEMA Spacing; Inline Pad	Straight	30 mm (1.18")	Grade 5H
GSC752N30B	Ground Stud	1/2" holes with 1.75" NEMA Spacing; Inline Pad	Straight	30 mm (1.18")	Grade 5
GSC752N30B45	Ground Stud	1/2" holes with 1.75" NEMA Spacing; Inline Pad	45°	30 mm (1.18")	-
GSC752N30B90	Ground Stud	1/2" holes with 1.75" NEMA Spacing; Inline Pad	90°	30 mm (1.18")	-
GSC7530BCOVER	Ground Stud Cover	Not applicable for cover			

**Type GSC63  
25mm Ground Ball Stud 90° and Inline NEMA Pad**

Catalog Number	Description	Mounting Details & Orientation	Pad Angle	Ball Diameter	Rating
GSC632NH1B	Ground Stud (90°)	1/2" holes with 1.75" NEMA Spacing; 90° Pad	Straight	25mm (1")	Grade 4
GSC632NH25B5H	Ground Stud (90°)	1/2" holes with 1.75" NEMA Spacing; 90° Pad	Straight	25mm (1")	Grade 5H
<b>GSC632N25B5H</b>	Ground Stud (inline)	1/2" holes with 1.75" NEMA Spacing; Inline Pad	Straight	25mm (1")	Grade 5H
GSC632NH1BCOVER1	Ground Stud Cover	Not applicable for cover			

See sales drawing for product dimensions.



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