

Model Series: YG-142 • YG-144

Reinforced Ground Clamp 500 Amp (spring-type welding earth clamp)



Heavy-duty reinforced body ground clamp for high current return. Wide jaws with copper inserts and a high-tension spring deliver low resistance and stable clamping on tables, plates, or pipes. Bolt post for cable lug.

Part.No	Rated Current	Jaw Opening (approx.)	Cable Connection	Materials
YG-146	500 A	50–60 mm	Bolt post for cable lug	Reinforced plated-steel body; copper/brass contact inserts; heavy spring

Features / Applications

- Reinforced frame resists flexing and heat at high currents
- Copper contact path for minimal voltage drop and spatter resistance
- Strong spring pressure and serrated jaws for secure grip on workpieces
- Suitable for SMAW/MIG/MAG/TIG welding power sources in shop or field

Normes Applicables / Compliance

- IEC 60974 (welding equipment—accessories guidance)
- RoHS compliant
- Operating temperature: -10 to +80°C
- Use on clean metal surfaces; periodically check lug tightness and spring condition