


AMC EARTH-TERM

Application

AMC Braided Earth and Battery Earth Straps are manufactured from high conductivity 19mm² round copper braid in a robust 16/16/0.30mm construction, using tinned copper wire manufactured to BS EN 13602:2002. The multi-strand braid delivers excellent current-carrying capacity while remaining highly flexible, absorbing the vibration, thermal expansion and dynamic movement that fatigue solid conductors. Terminals are crimped under high pressure for a permanent, vibration-resistant, low-resistance joint.

- **Braided Earth Strap** - copper tube terminals (CTT25/08) at both ends for earthing, bonding and equipotential connections.
- **Braided Battery Earth Strap** - battery lug terminal (BT458) one end and copper tube terminal (CTT25/08) the other, for direct connection to battery posts.

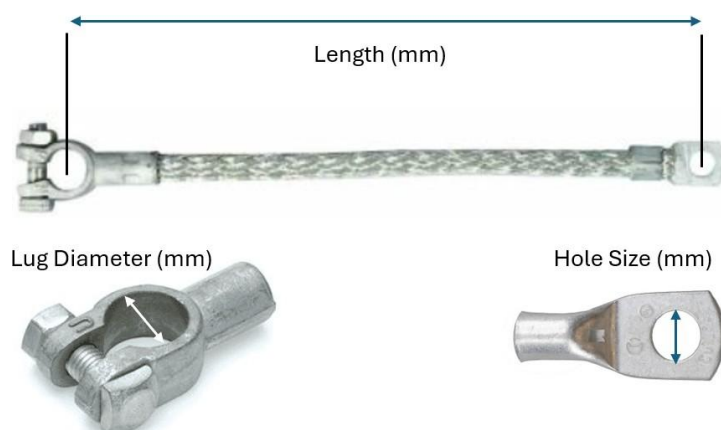
Key Features

- 19mm² round braid, 16/16/0.30mm construction
- Tinned copper wire to BS EN 13602:2002
- Copper tube terminal or battery lug terminations
- Highly flexible - resists vibration and flex fatigue
- Crimped joints for minimal voltage drop
- Lengths from 150mm to 760mm
- Available in pack sizes of 1 and 10

Specification

Braid Size	19mm ²
Braid Type	Round
Construction	16/16/0.30mm construction
Conductor	Tinned copper wire to BS EN 13602:2002
Braid Outside Diameter	7.2mm
Terminations	Copper tube terminal / battery lug terminal
Stud Hole Size	8mm
Lug Diameter	17mm
Lengths	150 - 760mm
Pack Sizes	1, 10

Dimensions



Braided Earth Straps — Copper Tube Terminals (Both Ends)

Stock Code	Braid Size	Construction	Braid OD (mm)	Type	Length (mm)	End A Type	End A Stud Hole (mm)	End A Part Code	End B Type	End B Stud Hole (mm)	End B Part Code	Pack Sizes
BS300	19mm ²	16/16/0.30	7.2	ROUND	150	RING	8	CTT25/08	RING	8	CTT25/08	1, 10
BS301	19mm ²	16/16/0.30	7.2	ROUND	225	RING	8	CTT25/08	RING	8	CTT25/08	1, 10
BS302	19mm ²	16/16/0.30	7.2	ROUND	300	RING	8	CTT25/08	RING	8	CTT25/08	1, 10
BS303	19mm ²	16/16/0.30	7.2	ROUND	375	RING	8	CTT25/08	RING	8	CTT25/08	1, 10
BS304	19mm ²	16/16/0.30	7.2	ROUND	450	RING	8	CTT25/08	RING	8	CTT25/08	1, 10
BS305	19mm ²	16/16/0.30	7.2	ROUND	600	RING	8	CTT25/08	RING	8	CTT25/08	1, 10
BS306	19mm ²	16/16/0.30	7.2	ROUND	760	RING	8	CTT25/08	RING	8	CTT25/08	1, 10

Braided Battery Earth Straps — Battery Lug / Copper Tube Terminal

Stock Code	Braid Size	Construction	Braid OD (mm)	Type	Length (mm)	End A Type	End A Lug Dia (mm)	End A Part Code	End B Type	End B Stud Hole (mm)	End B Part Code	Pack Sizes
BS501	19mm ²	16/16/0.30	7.2	ROUND	225	LUG	17	BT458	RING	8	CTT25/08	1, 10
BS502	19mm ²	16/16/0.30	7.2	ROUND	300	LUG	17	BT458	RING	8	CTT25/08	1, 10
BS503	19mm ²	16/16/0.30	7.2	ROUND	375	LUG	17	BT458	RING	8	CTT25/08	1, 10
BS504	19mm ²	16/16/0.30	7.2	ROUND	450	LUG	17	BT458	RING	8	CTT25/08	1, 10
BS505	19mm ²	16/16/0.30	7.2	ROUND	600	LUG	17	BT458	RING	8	CTT25/08	1, 10
BS506	19mm ²	16/16/0.30	7.2	ROUND	760	LUG	17	BT458	RING	8	CTT25/08	1, 10

Typical Applications

AUTOMOTIVE

- Battery-to-chassis & engine earth straps
- EV & hybrid battery earthing
- Commercial & agricultural vehicles
- Marine & leisure vehicles

AUTOMATION

- Robotic arms & moving machine axes
- Bonding hinged panels & guards
- Motor frames & control cabinets
- Static discharge on conveyors

CONSTRUCTION

- Site power, generators & welfare units
- Bonding steelwork & cable trays
- Lightning protection bonding
- Cranes, hoists & heavy plant

INDUSTRIAL

- Switchgear, transformers & busbars
- Vibrating plant - motors, pumps, compressors
- UPS & standby battery banks
- Welding & electroplating earth returns

The specifications and dimensions shown are representative configurations and are provided as a guide only; actual braid strand construction may differ slightly. Ratings can vary depending on the application, condition and environmental factors. If in doubt, please consult a qualified electrician.