

Earth bonds & clamps

Mechanical clamps



Rod to tape clamp (type A)

Part no.	Nominal rod diameter (")	(mm)	Max. conductor (mm)	Weight each (kg)
CR105	0 1/2	Ø 12.7	26 x 12	0.15
CR105	0 3/4	Ø 16	26 x 12	0.15
CR105	0 1	Ø 20	26 x 10	0.15
CR108	0 3/4	Ø 16	30 x 2	0.16
CR108	0 1	Ø 20	30 x 2	0.16
CR110	0 3/4	Ø 16	40 x 12	0.24
CR115	0 3/4	Ø 16	51 x 8	0.30
CR125	0 1	Ø 20	51 x 12	0.30
CR130	0 1/2	Ø 12.7	26 x 20	0.23
CR130	0 3/4	Ø 16	26 x 18	0.23
CR130	0 1	Ø 20	26 x 10	0.23
CR130	0 1 1/4	Ø 25	26 x 10	0.23

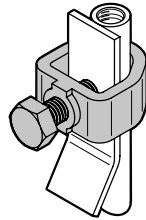
Standards

IEC/BS EN 62561-1 Class H
BS 7430

UL467 (CR105)



- Designed for connection of flat tape conductor to an earth rod. Corrosion resistance, conductivity and mechanical strength are essential considerations in clamp design to ensure an earthing system remains operative for many years. All Furse earth rod clamps have high strength copper alloy bodies and screws e.g. aluminium bronze, phosphor bronze etc., commercial brass is not used
- Tightening torque 15 Nm



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Rod to cable clamp (type G)

Part no.	Nominal rod diameter (")	(mm)	Max. conductor (mm ²)	Weight each (kg)
CR505	0 3/4	Ø 9.5	6-35	0.03
CR510-FU*	0 1/2	Ø 12.7	16-50	0.05
G5	0 3/4	Ø 16	5.2-33.6	0.06
CR515*	0 3/4	Ø 16	16-70	0.06
G6	0 1	Ø 20	5.2-33.6	0.06
CR520*	0 1	Ø 20	35-95	0.06
CR525	0 1 1/4	Ø 25	70-150	0.14

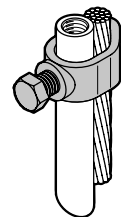
Standards

BS EN 62561-1 Class H
BS 7430

UL 467 (G5 & G6)



- High strength copper alloy clamp designed to provide a high quality, low resistance connection between solid circular or stranded conductor and an earth rod
- Tightening torque 12 Nm
- *Suitable for use with Ø 8 mm solid circular copper conductor



Earth bonds & clamps

Mechanical clamps



'U' bolt rod clamp (type E)

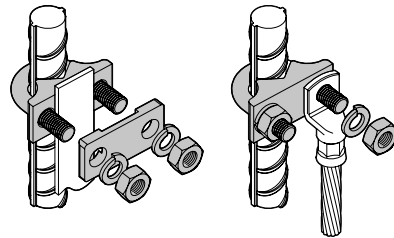
Part no.	Nominal rod/ rebar diameter (")	(mm)	Hole centres (mm)	Tape width (mm)	Weight each (kg)
CR305	Ø 5/8	Ø 16	37	–	0.20
CR310	Ø 3/4	Ø 20	37	–	0.20
CR315	Ø 1	Ø 25	37	–	0.20
CR320*	Ø 5/8	Ø 16	37	25	0.26
CR325	Ø 1 1/2	Ø 38	54	–	0.37
CR330	Ø 2	Ø 50	64	–	0.44
CR326	Ø 1 1/2	Ø 38	54	25	0.43

Standards

IEC/BS EN 62561-1 Class H
BS 7430

- High strength copper alloy 'U' bolt clamp designed to provide a high quality, low resistance connection between flat tape or stranded conductor and earth rod or rebar. 'U' Bolt threaded M10
- *CR320 includes additional plate to allow tape to be clamped without drilling

UL 467 (CR305)



'U' bolt rod clamp (type GUV)

Part no.	Nominal rod/ rebar diameter (")	(mm)	Conductor range (mm ²)	Weight each (kg)
CR700*	Ø 5/8	Ø 16	16-95	0.39
CR700*	Ø 3/4	Ø 20	16-70	0.39
CR705	Ø 5/8	Ø 16	70-185	0.39
CR705	Ø 3/4	Ø 20	70-150	0.39
CR730	Ø 5/8	Ø 16	150-300	0.62
CR730	Ø 3/4	Ø 20	150-300	0.62
CR710	Ø 1	Ø 25	16-70	0.39
CR740	Ø 1	Ø 25	70-150	0.39
CR750	Ø 1	Ø 25	150-300	0.62

Standards

IEC/BS EN 62561-1 Class H
BS 7430

- High strength copper alloy 'U' bolt clamp designed to provide a high quality, low resistance connection between solid circular or stranded conductor and an earth rod or rebar
- Tightening torque 12 Nm
- * Suitable for use with Ø 8 mm solid circular copper conductor

UL 467 (CR700,
CR705, CR730)

