

An ISO 9001-2008 Certified Company



Manufacturer & Exporter of Earthing & Lightning Protection System
& Grounding Product



SAND CAST INDUSTRIES
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Welcome To Sand-cast Industries



We, Sand Cast Industries, are leading manufacturer of Earthing & Lightning Protection System and Grounding Product. We are exporting our products to Europe Countries, Middle East Countries, African Countries and also in India.

Sand Cast Industries has fully integrated manufacturing facility at Jay Industrial Area, Vavdi, Rajkot. We have dedicated Melting shop, Lab, Machining, Finishing and Packaging in one place to minimize quality loss, time loss and productivity loss which could lead us to give cost effective solution and we maintain Earthing & Lightning Protection in accordance with BS EN Standards.

At Sand Cast Industries, quality with standard specifications is among the top criteria. We make sure that every products manufactured in our factory should be the best and satisfactory as per the customer requirement. We also make sure that the material procured is of exact standard and grade, melting process carried out in the prescribed manner with the supervision of the experts to produce standard batches of casting, all the product, raw

Our extensive experience together with the latest technology enables us to provide superior service and unrivalled support in the industry.

Having business with Sand Cast Industries is always the best and rewarding proposition in the form of reliable supply of ordered goods, at mutually agreed rates with exact quality standards as prescribed in the order agreements in given time frame.

Our Production Process

When it comes to metal parts and components, Production process plays key role. And molding is among the most difficult processes which is one of the major process. We always take production process more seriously then the anything else. Our expert and experience foundry workers make sure that each and every batch of metal melted should be standard, poured in the mold seamlessly, for best results during final turning, finishing or threading. Mostly we use virgin or thoroughly cleaned-assorted metal

1. Casting

All the processes are highly supervised by our experts, on each and every stage of manufacturing the products are checked for quality standards and specifications prescribed by customer regularly as well as randomly to minimize quality loss-production defects. Being highly sensitive to atmospheric effects, metals like brass, copper,



2. Electro Plating Process

By and large we have mostly automatic and SPMs based production departments to ensure standard results, minimum variation in different batches of the same product. Due to state-of-the-art machinery we save on



Quality Process

We
at SANDCAST are Committed to
Customer Delight

We
shall continuously strive toward
Timely delivery of quality products to
Our customer and provide best value
for money

This shall delivered through:

Total employee involvement
continual improvement of process

Quality Process

Since its establishment SAND CAST INDUSTRIES' manufacturing facilities have maintained the highest standards of quality control. We committed to meet Customer requirements and their expectations, with the aim of enhancing customer satisfaction through the effective use of resources. We adjust and adapt to the changing needs of our customers and remain dedicated in our efforts to serve them to the best of our ability.

Copper Bonded Earth Rods



Nominal Size	Length mm	Thread Size	Rod Diameter mm	Unit Weight kg	Part Number
5/8"	1200 mm	5/8"	14.2 mm	1.53 kg	CER-01
5/8"	1500 mm	5/8"	14.2 mm	1.88 kg	CER-02
5/8"	1800 mm	5/8"	14.2 mm	2.29 kg	CER-03
5/8"	2400 mm	5/8"	14.2 mm	3.00 kg	CER-04
5/8"	3000 mm	5/8"	14.2 mm	3.79 kg	CER-05
3/4"	1200 mm	3/4"	17.2 mm	2.19 kg	CER-06
3/4"	1500 mm	3/4"	17.2 mm	2.73 kg	CER-07
3/4"	1800 mm	3/4"	17.2 mm	3.27 kg	CER-08
3/4"	2400 mm	3/4"	17.2 mm	4.35 kg	CER-09
3/4"	3000 mm	3/4"	17.2 mm	5.44 kg	CER-10

These Earth Rods are useful for installing a low earth resistance with a cost effective solution. It has a low carbon, high tensile strength, steel core and pure copper is applied electrolytically and helps to establish metallurgical bond between the steel core and the copper. The threads are

Solid Copper Earthing Rods



Rod Diameter	Length mm	Thread Size	Unit Weight kg	Part Number
15 mm	1200 mm	M10	1.880 kg	SCER-01
16 mm	1500 mm	M10	2.670 kg	SCER-02
16 mm	1800 mm	M10	3.200 kg	SCER-03
16 mm	2400 mm	M10	4.300 kg	SCER-04
16 mm	3000 mm	M10	5.360 kg	SCER-05
20 mm	1200 mm	M10	3.350 kg	SCER-06
20mm	1500 mm	M10	4.200 kg	SCER-07
20mm	1800 mm	M10	5.100 kg	SCER-08
20mm	2400 mm	M10	6.710 kg	SCER-09
20mm	3000 mm	M10	8.400 kg	SCER-010
25mm	1200 mm	M12	5.250 kg	SCER-011
25mm	1500 mm	M12	6.550 kg	SCER-012
25mm	1800 mm	M12	7.860 kg	SCER-013
25mm	2400 mm	M12	10.500 kg	SCER-014
25mm	3000 mm	M12	13.100 kg	SCER-015

Solid Copper Rods are made for solid copper bar and are internally threaded for joining. These Solid Copper Rods

Stainless Steel Earth Rods



Rod Diameter mm	Length mm	Thread Size	Unit Weight kg	Part Number
16 mm	1200 mm	M10	1.870 kg	SSER-01
16 mm	1500 mm	M10	2.350 kg	SSER-02
16 mm	1800 mm	M10	2.850 kg	SSER-03
16 mm	2400 mm	M10	3.800 kg	SSER-04
16 mm	3000 mm	M10	4.750 kg	SSER-05
20 mm	1200 mm	M10	2.950 kg	SSER-06
20 mm	1500 mm	M10	3.710 kg	SSER-07
20 mm	1800 mm	M10	4.460 kg	SSER-08
20 mm	2400 mm	M10	5.960 kg	SSER-09
20 mm	3000 mm	M10	7.460 kg	SSER-10

Stainless Steel Earth Rod are made from Stainless Steel Bar and are internally threaded for jointing. They are highly resistant to corrosion.

Threaded Couplings



Thread Size	Length mm	Unit Weight kg	Part Number
1/2"	70 mm	0.07 kg	TC-01
5/8"	70 mm	0.09 kg	TC-02
3/4"	80 mm	0.14 kg	TC-03

Our high strength coupling are used for joining earth rods together. They facilitate deep driving and ensure continual contact between the rods both during and after installation. The coupling

Threaded Driving Heads



Size	Length mm	Unit Weight kg	Part Number
1/2"	50 mm	0.07 kg	TDH-01
5/8"	54 mm	0.08 kg	TDH-02
3/4"	62 mm	0.13 kg	TDH-03

These Steel Threaded Driving Head protect Internal Thread of Copper Earth rod from Damage when it is driven into the ground.

Driving Heads

Diameter mm	Thread Size	Unit Weight kg	Part Number
16 mm	M10	0.03 kg	DH-01
20 mm	M10	0.06 kg	DH-02
25 mm	M12	0.10 kg	DH-03

These driving head protects the internal thread and the top of the copper earth rod from damage when being driven into the ground.

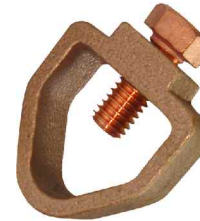
Driving Spikes

Diameter mm	Thread Size	Unit Weight kg	Part Number
16 mm	M10	0.030kg	DS-16
20 mm	M10	0.060kg	DS-20
25 mm	M12	0.095kg	DS-25

These Steel Driving Spikes are used to drive Copper Earth Rod easily into the Ground.

Coupling Dowels

Thread Size	Unit Weight kg	Part Number
M10	0.02 kg	CD-10
M12	0.04 kg	CD-12

Earth Rod To Tape Clamps (Type 'A')

Rod Diameter mm	Conductor Range mm2	Unit Weight kg	Part Number
14.2 mm	26x12mm	0.140kg	ERTCA-01
14.2 mm	31x12mm	0.170kg	ERTCA-02
14.2 mm	40x6mm	0.200kg	ERTCA-03
14.2 mm	50x6mm	0.210kg	ERTCA-04
16 mm	26x12mm	0.140kg	ERTCA-05
16 mm	31x12mm	0.170kg	ERTCA-06

These Rod to Tape Clamp are used to joining Earth Rods with different sizes of Copper

Earth Rod To Tape Clamps (Type 'A')



Rod Diameter mm	Conductor Range mm2	Unit Weight kg	Part Number
16 mm	51x12mm	0.210kg	ERTCA-07
17.2 mm	26x12mm	0.140kg	ERTCA-08
17.2 mm	31x12mm	0.170kg	ERTCA-09
17.2 mm	40x6mm	0.200kg	ERTCA-10
17.2 mm	51x12mm	0.210kg	ERTCA-11
20 mm	26x6mm	0.140kg	ERTCA-12

'U' Bolt Rod To Tape Clamps (Type 'E')



Single Plate U Bolt Rod to Tape Clamp (Type E)			
Rod Diameter mm	Tape Size	Unit Weight kg	Part Number
16 mm	25 mm	0.2 kg	UBC-01
25 mm	25 mm	0.2 kg	UBC-02
31 mm	25 mm	0.28 kg	UBC-03
38 mm	25 mm	0.28 kg	UBC-04
50 mm	25 mm	0.45 kg	UBC-05

These 'U' Bolt Clamps are used to connect Flat Copper Tapes to Earth Rods. These 'U'

'U' Bolt Rod To Tape Clamps (Type 'E')



Double Plate U Bolt Rod to Tape Clamp (Type E)			
Rod Diameter mm	Tape Size	Unit Weight kg	Part Number
16 mm	25 mm	0.230 kg	UBC-06
25 mm	25 mm	0.230 kg	UBC-07
31 mm	25 mm	0.320 kg	UBC-08
38 mm	25 mm	0.320 kg	UBC-09
50 mm	25 mm	0.500 kg	UBC-10

Earth Rod To Cable Clamps (Type 'G')



Rod Diameter mm	Conductor Range mm2	Unit Weight kg	Part Number
14.2 mm	6-16 mm	0.05 kg	ERTCG-01
14.2 mm	16-70 mm	0.065 kg	ERTCG-02
14.2 mm	16-95 mm	0.065 kg	ERTCG-03
17.2 mm	16-95 mm	0.1 kg	ERTCG-04
17.2 mm	70-185 mm	0.2 kg	ERTCG-05

Rod To Cable Clamps (Type 'O')

Rod Diameter mm	Conductor Range mm2	Unit Weight kg	Part Number
14.2 mm	6-16 mm	0.05 kg	RCCO-01
14.2 mm	16-70 mm	0.052 kg	RCCO-02
17.2 mm	16-95 mm	0.065 kg	RCCO-03

'U' Bolt Clamp (Type 'PUB')

Size	Unit Weight kg	Part Number
1/2"	0.275 kg	PUB-01
3/4"	0.275 kg	PUB-02
1"	0.275 kg	PUB-03
1-1/2"	0.465 kg	PUB-04

'U' Bolt Clamp (Type 'PUB')

Size	Unit Weight kg	Part Number
2"	0.515 kg	PUB-05
2-1/2"	0.535 kg	PUB-06
3"	0.585 kg	PUB-07
4"	0.765 kg	PUB-08
6"	1.02 kg	PUB-09

These 'U' bolt Clamp 'PUB' type is used for large diameter of Pipe with Cable. These U

'U' Bolt Rod To Cable Clamps (Type 'GUV')

Conductor Size mm	Unit Weight kg	Part Number
16-70 sqmm	0.330 kg	GUV-1670
70-185 sqmm	0.330 kg	GUV- 70185
150-300 sqmm	0.600 kg	GUV-150300

These 'U' Bolt Clamp is used to connect Copper Conductor to Earth Rods. These 'U' Bolt

Re-Bar Clamps

Maximum Rebar Diameter mm	Rebar Range mm	Part Number
10 mm	6-10 mm	RBC-01
20 mm	10-20 mm	RBC-02
25 mm	20-25 mm	RBC-03
32 mm	25-32 mm	RBC-04
40 mm	32-40 mm	RBC-05

These Rebar Clamp is used to Connect Rebar to Rebar or Rebar to Cable. These Rebar

Split Connector Clamps

Rod Diameter mm	Unit Weight kg	Part Number
15 mm	0.22 kg	SCC-01
16 mm	0.26 kg	SCC-02
20 mm	0.30 kg	SCC-03

The Split Connector Clamps are used to connect Cable Lugs into Earth Rods. These

Copper Bonded Earth Plates

Size mm	Unit Weight kg	Part Number
300x300x3 mm	0.200 kg	CBEP-01
500x500x1.5 mm	2.950 kg	CBEP-02
500x500x3 mm	5.85 kg	CBEP-03
600x600x1.5 mm	4.300 kg	CBEP-04
600x600x3 mm	8.600 kg	CBEP-05
900x900x3 mm	19.100 kg	CBEP-06
1000x1000x3 mm	24.000 kg	CBEP-07
1200x1200x3 mm	35.000 kg	CBEP-08

Earthing Plates are used as a part of Earthing Network. They Provide Last lasting solution

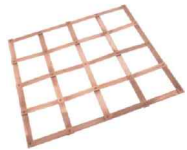
Solid Copper Earth Plate



Size mm	Unit Weight kg	Part Number
600 x 600 x 1.5 mm	4.800 kg	SCEP - 01
600 x 600 x 3 mm	9.600 kg	SCEP - 02
900 x 900 x 1.5 mm	10.800 kg	SCEP - 03
900 x 900 x 3 mm	21.600 kg	SCEP - 04

Earthing Plates are used as a part of Earthing Network. They Provide Last lasting solution

Solid Copper Lattice Mats



Size mm	Unit Weight kg	Part Number
600 x 600 x 3 mm	4.0 kg	SCLP-01
900 x 900 x 3 mm	7.2 kg	SCLP-02

Solid Copper Lattice Mats are used where step potential could cause problem. These are

Concrete Earth Inspection Pit



Unit Weight kg	Part Number
35.000kg	CEIP 01

The Concrete Inspection Pit is load rated and is suitable for most types of Earthing and

Earth Bonding Points



No. Holes	Unit Weight kg	Part Number
1 hole	0.300 kg	EBP-01
2 hole	0.470 kg	EBP-02
4 hole	0.600 kg	EBP-03

Solid Copper Lattice Mats are used where step potential could cause problem. These are

Earth Bars



Earth brass			
No. Terminations	Length mm	Width mm	Part Number
6	400 mm	90 mm	EB-006
8	500 mm	90 mm	EB-008
10	650 mm	90 mm	EB-010
12	750 mm	90 mm	EB-012
14	850 mm	90 mm	EB-014
16	950 mm	90 mm	EB-016
18	1100 mm	90 mm	EB-018
20	1250 mm	90 mm	EB-020
22	1300 mm	90 mm	EB-022
24	1400 mm	90 mm	EB-024
26	1550 mm	90 mm	EB-026
28	1650 mm	90 mm	EB-028
30	1800 mm	90 mm	EB-030

Earth Bars



Earth Bars With Single Disconnecting Link			
No. Terminations	Length mm	Width mm	Part Number
6	485 mm	90 mm	EB-106
8	585 mm	90 mm	EB-108
10	735 mm	90 mm	EB-110
12	835 mm	90 mm	EB-112
14	935 mm	90 mm	EB-114
16	1035 mm	90 mm	EB-116
18	1185 mm	90 mm	EB-118
20	1335 mm	90 mm	EB-120
22	1385 mm	90 mm	EB-122
24	1485 mm	90 mm	EB-124
26	1635 mm	90 mm	EB-126
28	1735 mm	90 mm	EB-128
30	1885 mm	90 mm	EB-130

Earth Bars

Earth Bar With Double Disconnecting Link			
No. Terminations	Length mm	Width mm	Part Number
6	550 mm	90 mm	EB-206
8	650 mm	90 mm	EB-208
10	800 mm	90 mm	EB-210
12	900 mm	90 mm	EB-212
14	1000 mm	90 mm	EB-214
16	1100 mm	90 mm	EB-216
18	1250 mm	90 mm	EB-218
20	1400 mm	90 mm	EB-220
22	1450 mm	90 mm	EB-222
24	1550 mm	90 mm	EB-224
26	1700 mm	90 mm	EB-226
28	1800 mm	90 mm	EB-228
30	1950 mm	90 mm	EB-230



Split Bolt Connectors

Main Conductor mm2	Tap Conductor mm2	Unit Weight kg	Part Number
10 mm	1.5-10 mm	0.02 kg	SBC-01
16 mm	2.5-16 mm	0.03 kg	SBC-02
25 mm	2.5-25 mm	0.04 kg	SBC-03
35 mm	2.5-35 mm	0.05 kg	SBC-05
50 mm	2.5-50 mm	0.08 kg	SBC-06
70 mm	2.5-70 mm	0.12 kg	SBC-07
95 mm	2.5-95 mm	0.15 kg	SBC-08
120 mm	10-120 mm	0.18 kg	SBC-09
150 mm	10-150 mm	0.23 kg	SBC-10
185 mm	50-185 mm	0.35 kg	SBC-11
240 mm	95-240 mm	0.46 kg	SBC-12



These High Strength Split Bolt Connector will accept a wide range of Stranded or Solid

Earth Boss

Thread Size	Length mm	Diameter mm	Part Number
M10	40 mm	40 mm	EB-01
M10	50 mm	50 mm	EB-02

These Earth Boss is designed to Provide an earth point on steel structure. These Earth Boss

Flexible Copper Braid Bonds

Size W x H mm	Unit Weight kg	Part Number
15x1.4 mm	0.4 kg	FCBB-01
25x3.5 mm	0.7 kg	FCBB-02

These Flexible Copper Braid Bonds are used for bonding metal gates etc.

Static Earth Receptacle

Height mm	Diameter mm	Unit Weight kg	Part Number
135 mm	125 mm	6.500 kg	SER-01

Provides a Static Earth Point when attached to the top of Threaded Copper Bonded Earth

Eye Bolt

Thread Size	Unit Weight kg	Part Number
5/8"	0.62 kg	EB-01
3/4"	0.55 kg	EB-02

Screws Direct into a Copper Bonded Grounding Rod, offering an Earth Point for Boats,

Copper C Crimp Connector



Conductor Size Sqmm	Part Number
10 sqmm	CCC- 10
16 sqmm	CCC-16
25 sqmm	CCC-25
35 sqmm	CCC-35
50 sqmm	CCC-50
70 sqmm	CCC-70
95 sqmm	CCC-95
120 sqmm	CCC-120
150 sqmm	CCC-150
185 sqmm	CCC-185
240 sqmm	CCC-240

These C Crimp Connector are specifically designed for tap and parallel connection of

Jointing Clamps



Conductor Size	Unit Weight kg	Part Number
8 mm	0.170 kg	JC-01

Rod To Cable Lug Clamps



Rod Diameter mm	Unit Weight kg	Part Number
3/8"	0.100 kg	RCLC-01
5/8"	0.200 kg	RCLC-02
3/4"	0.300 kg	RCLC-03

Screws Direct into a Copper Bonded Grounding Rod, offering an Earth Point for Boats,

Tapper Pointed Air Rod



Copper Air Rods				
Thread Size	Length mm	Unit Weight kg	Part Number	
M16	300 mm	0.53 kg	TPAR-01	
M16	500 mm	0.85 kg	TPAR-02	
M16	1000 mm	1.7 kg	TPAR-03	
M16	1500 mm	2.59 kg	TPAR-04	
M16	2000 mm	3.47 kg	TPAR-05	
M20	300 mm	0.8 kg	TPAR-06	
M20	500 mm	1.34 kg	TPAR-07	
M20	1000 mm	2.68 kg	TPAR-08	
M20	1500 mm	4.02 kg	TPAR-09	
M20	2000 mm	5.36 kg	TPAR-10	



Aluminium Air Rods				
Thread Size	Length mm	Unit Weight kg	Part Number	
M16	300 mm	0.18 kg	TPAR-11	
M16	500 mm	0.29 kg	TPAR-12	
M16	1000 mm	0.57 kg	TPAR-13	
M16	1500 mm	0.98 kg	TPAR-14	
M16	2000 mm	1.09 kg	TPAR-15	

Taper Pointed Air Rod is a part of Air Termination Network of a Lightning Protection System.

Multi-Point



Air Rod mm	Unit Weight kg	Part Number
16 & 20 mm	0.3 kg	MP-01

Multiple Point is used in Cojunction with the Taper Pointed Air Rods.

Air Terminal Base (Light Duty Air Rod Saddles)

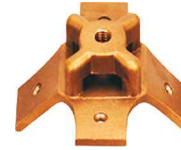


For Use with copper air Rods			
	Thread Size	Unit Weight kg	Part Number
	M16	0.370 kg	ARS-16m
	M20	0.370 kg	ARS-20m

For use with Aluminium air Rods			
	Thread Size	Unit Weight kg	Part Number
	M16	0.120 kg	ARSA-16m
	M20	0.120 kg	ARSA-20m

These Air Rod Base are used to support Air Rods on Flat roof surfaces. Air Rod Base are made

Air Rod Ridge Saddle



Thread Size	Unit Weight kg	Part Number
M16	0.770 kg	ARRA-01

These Ridge Saddles are used to support air rods on roof ridges

Air Rod Brackets



Rod Size	Unit Weight kg	Part Number
M16	0.39 kg	ARB-01
M20	0.43 kg	ARB-02

These Air Rod Brackets are used in conjunction with the rod to tape coupling used to secure the flat tape to air rod. These Air Rod Brackets are made from Copper Alloy and

Lightning Protection



Rod To Tape Couplings



Thread Size	Unit Weight kg	Part Number
M16	0.22 kg	RTTC-01
M20	0.22 kg	RTTC-02

These Rod to Tape Couplings enables the flat tapes to be connected to the air rod. These are

DC Tape Clips



Conductor Size mm	Unit Weight kg	Part Number
20 X 3	0.06 kg	DCTC-01
25 x 3	0.07 kg	DCTC-02
25 x 6	0.08 kg	DCTC-03
31 x 3	0.09 kg	DCTC-04
31 x 6	0.1 kg	DCTC-05
50 x 3	0.13 kg	DCTC-06
50 x 6	0.16 kg	DCTC-07

D.C.Tape Clip secure the flat tape conductor to the building surface. These D.C.Clip are

Lightning Protection



Tape Clips



Conductor Size mm	Unit Weight kg	Part Number
20x3	0.01 kg	TC-01
25x3	0.015 kg	TC-02

Glazing Bar Holdfasts



Length mm	Unit Weight kg	Part Number
35 mm	0.12 kg	GBH-01

Back Plate Holdfast

Length mm	Diameter mm	Unit Weight kg	Part Number
74 mm	63 mm	0.33 kg	BPH-01

Back Plate Holdfast is to be used where the conductor is away from building surface. These

Square Tape Clamps

Conductor Size mm	Unit Weight kg	Part Number
25x3	0.2 kg	STC-01
25x6	0.25 kg	STC-02
31x3	0.27 kg	STC-03
31x6	0.3 kg	STC-04
50x3	0.5 kg	STC-05
50x6	0.52 kg	STC-06

Square Tape Clamps are suitable for making Cross, Straight Through and Tee Joints in Flat Tape. The base has a countersunk hole in the middle for securing the clamp to the building

Oblong Test Clamps

Conductor Size mm	Unit Weight kg	Part Number
26x8	0.27 kg	OTC-01
51x10	0.58 kg	OTC-02

These Oblong Test Clamp is used to join a range of tape sizes in straight through position.

Plate Type Test Clamps

Maximum Conductor Size mm	Unit Weight kg	Part Number
26x15	0.6 kg	PTTC-01

These Plate Type Test Clamp is used to form a disconnecting joint between the down

Screw Down Test Clamps



Maximum Conductor Size mm	Unit Weight kg	Part Number
26x8	0.7 kg	SDTC-01

Screw Down Test Clamp is used to join copper tapes where frequent inspection and testing

'B' Bonds



Maximum Conductor Size mm	Unit Weight kg	Part Number
25x3	0.1 kg	BB-01

These 'B' Bond is used for bonding Aluminium and Copper Tapes to Flat surfaces. These 'B'

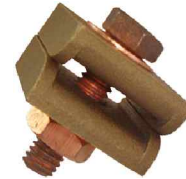
Watermain Pipe Bond



Maximum Conductor Size mm	Unit Weight kg	Part Number
26	0.22 kg	WPB-01

Watermain Pipe Bond is used to bond large diameter pipes into Earthing and Lightning

Rainwater Pipe Bond



Maximum Conductor Size mm	Unit Weight kg	Part Number
26	0.2 kg	RPB-01

Rainwater Pipe Bond can be used on any application where tape can be wrapped around

Lightning Protection



One Hole Cable Clip



Thread Size mm	Unit Weight kg	Part Number
50 sqmm	0.01 kg	OHCC-01
70 sqmm	0.012 kg	OHCC-02
95 sqmm	0.015 kg	OHCC-03
120 sqmm	0.015 kg	OHCC-04

'T' Connector Clamps

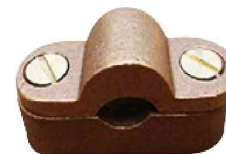


Thread Size mm	Unit Weight kg	Part Number
8 mm	0.2 kg	TC-01

Lightning Protection



Heavy Duty Cast Cable Saddles



Conductor Size sqmm	Unit Weight kg	Part Number
25 sqmm	0.1kg	HDCCS-01
35 sqmm	0.1 kg	HDCCS-02
50 sqmm	0.1 kg	HDCCS-03
70 sqmm	0.11 kg	HDCCS-04
95 sqmm	0.11 kg	HDCCS-05
120 sqmm	0.115 kg	HDCCS-06
150 sqmm	0.13 kg	HDCCS-07
185 sqmm	0.15 kg	HDCCS-08
240 sqmm	0.17 kg	HDCCS-09

These Heavy Duty Cable Saddle secure the solid circular conductor to building surface.

Solid Circular To Tape Connectors



For use with Bare Copper Conductors		Material: Gunmetal.	
Conductor Sizes mm	Unit Weight kg	Part Number	
8 & 25 x 3	0.28 kg	SCTTC-01	
For use with Bare Aluminium Conductors		Material: Aluminium.	
Conductor Sizes mm	Unit Weight kg	Part Number	
8 & 25 x 3	0.09 kg	SCTTC-02	

These Solid Circular to Tape Connector is suitable for crossing over flat tape and solid

Air Rod Cable Saddles



Conductor Size mm2	Thread Size	Unit Weight kg	Part Number
50 mm	M16	1.1 kg	ARCS-01
70 mm	M16	1kg	ARCS-02
95 mm	M16	0.9 kg	ARCS-03

These Air Rod Cable Saddles are used to support air rods on flat surfaces. These Air Rod

Tower Earth Clamps (Single-Plate)



Conductor Sizes mm	Unit Weight kg	Part Number
16-17	0.12 kg	TECSP-01
17-120	0.18 kg	TECSP-02
120-185	0.25 kg	TECSP-03
185-240	0.32 kg	TECSP-04

These single-plate tower earth clamps are used for bonding copper and aluminium

Square Cable Clamps



Conductor Sizes mm2	Unit Weight kg	Part Number
50	0.3 kg	SQCC-01
70	0.27 kg	SQCC-02
95	0.22 kg	SQCC-03

These Square Cable Clamps are suitable for making Cross, Straight Through and Tee Joints

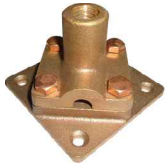
Tower Earth Clamps (Double-Plate)



Conductor Sizes mm	Unit Weight kg	Part Number
16-17	0.17 kg	TEC-01
17-120	0.23 kg	TEC-02
120-185	0.3 kg	TEC-03
185-240	0.4 kg	TEC-04
240-300	0.6 kg	TEC-05

These Tower Earth Clamps are used to bonding Copper Cable or Wire to Steel Structures.

Flat Saddles



Conductor Size sqmm	Thread Size	Unit Weight kg	Part Number
50sqmm	M16	1.100 kg	FS-01
70sqmm	M16	1.000 kg	FS-02
95sqmm	M16	0.950 kg	FS-03

Test Clamp



Conductor Sizes sqmm	Unit Weight kg	Part Number
50 sqmm	0.390 kg	TCP-01
70 sqmm	0.390 kg	TCP-02
95 sqmm	0.400 kg	TCP-03

Cable To Tape Connectors



Cable Sizes mm ²	Thread Size	Unit Weight kg	Part Number
50sqmm	25x3 mm	0.28 kg	CTTC-01
70sqmm	25x3 mm	0.33 kg	CTTC-02
95sqmm	25x3 mm	0.39 kg	CTTC-03

These Cable to Tape Connector is suitable for crossing over flat tape and solid circular

Lightning Protection



Strike Pads



Diameter mm	Height mm	Unit Weight kg	Part Number
100 mm	40 mm	0.6 kg	SP-01

Strike Pad is used where it is not possible to install conductor on the roof or side of

Conductors



Bare Copper Tapes



Size W X H mm	Unit Weight kg	Part Number
20x1.5 mm	0.27 kg	BCT-01
20x3 mm	0.53 kg	BCT-02
25x1.5 mm	0.33 kg	BCT-03
25x3 mm	0.67 kg	BCT-04
25x4 mm	0.89 kg	BCT-05
25x6 mm	1.33 kg	BCT-06
30x3 mm	0.8 kg	BCT-07
31x3 mm	0.83 kg	BCT-08
31x6 mm	1.65 kg	BCT-09
38x3 mm	1.01 kg	BCT-10
38x6 mm	2.02 kg	BCT-11
40x3 mm	1.06 kg	BCT-12
40x6 mm	2.16 kg	BCT-13
50x3 mm	1.33 kg	BCT-14
50x6 mm	2.68 kg	BCT-15

These High Conductivity Copper

Hexagon Head Set Screws



Material Brass				
Thread Size	Length mm	Weight per 100 pcs kg	Part Number	
M6	10 mm	1.2 kg	HHSS-01	
M6	12 mm	1.3 kg	HHSS-02	
M6	16 mm	1.5 kg	HHSS-03	
M6	20 mm	1.9 kg	HHSS-04	
M8	16 mm	1.75 kg	HHSS-05	
M8	20 mm	2 kg	HHSS-06	
M8	25 mm	2.3 kg	HHSS-07	
M8	30 mm	2.9 kg	HHSS-08	
M10	16 mm	1.95 kg	HHSS-09	
M10	20 mm	2.2 kg	HHSS-10	
M10	25 mm	2.75 kg	HHSS-11	
M10	30 mm	3.1 kg	HHSS-12	
M10	35 mm	3.4 kg	HHSS-13	



Thread Size	Length mm	Weight per 100 pcs kg	Part Number
M12	25 mm	4.5 kg	HHSS-14
M12	30 mm	4.75 kg	HHSS-15
M12	35 mm	5 kg	HHSS-16
M12	40 mm	5.7 kg	HHSS-17
M12	50 mm	6.3 kg	HHSS-18

Hexagon Nuts



Material Brass			
Thread Size	Weight per 100 kg	Part Number	
M6	0.25 kg	HN-01	
M8	0.8 kg	HN-02	
M10	1.15 kg	HN-03	
M12	1.65 kg	HN-04	

Material Stainless Steel			
Thread Size	Weight per 100 kg	Part Number	
M6	0.25 kg	HN-05	
M8	0.8 kg	HN-06	
M10	1.15 kg	HN-07	
M12	1.65 kg	HN-08	

Flat Washers



Material Brass			
Thread Size	Weight per 100 kg	Part Number	
M6	0.05 kg	FW-01	
M8	0.15 kg	FW-02	
M10	0.25 kg	FW-03	
M12	0.5 kg	FW-04	

Material Stainless Steel			
Thread Size	Weight per 100 kg	Part Number	
M6	0.05 kg	FW-05	
M8	0.15 kg	FW-06	
M10	0.25 kg	FW-07	
M12	0.5 kg	FW-08	

Spring Washer



Material Brass			
Thread Size	Weight per 100 kg	Part Number	
M6	0.04 kg	SW-01	
M8	0.1 kg	SW-02	
M10	0.2 kg	SW-03	
M12	0.2 kg	SW-04	

Material Stainless Steel			
Thread Size	Weight per 100 kg	Part Number	
M6	0.04 kg	SW-05	
M8	0.1 kg	SW-06	
M10	0.2 kg	SW-07	
M12	0.2 kg	SW-08	

Countersunk Machine Screws



Material Brass				
Thread Size	Length mm	Weight per 100 kg	Part Number	
M6	12 mm	0.3 kg	CMS-01	
M6	16 mm	0.4 kg	CMS-02	
M6	20 mm	0.5 kg	CMS-03	
M8	16 mm	0.45 kg	CMS-04	
M8	20 mm	0.55 kg	CMS-05	
M8	25 mm	0.65 kg	CMS-06	
M10	25 mm	0.75 kg	CMS-07	
M10	30 mm	0.85 kg	CMS-08	
M10	35 mm	0.95 kg	CMS-09	

Countersunk Machine Screws



Material Stainless Steel				
Thread Size	Length mm	Weight per 100 kg	Part Number	
M6	12 mm	0.3 kg	CMS-11	
M6	16 mm	0.4 kg	CMS-12	
M6	20 mm	0.5 kg	CMS-13	
M8	16 mm	0.45 kg	CMS-14	
M8	20 mm	0.55 kg	CMS-15	
M8	25 mm	0.65 kg	CMS-16	
M10	25 mm	0.75 kg	CMS-17	
M10	30 mm	0.85 kg	CMS-18	
M10	35 mm	0.95 kg	CMS-19	

A1A2 Cable Glands



Size	Part Number
A1/A2 20S	CGA220S
A1/A2 20L	CGA220L
A1/A2 25S	CGA225S
A1/A2 25L	CGA225L
A1/A2 32S	CGA232S
A1/A2 32L	CGA232L
A1/A2 40S	CGA240S
A1/A2 40L	CGA240L
A1/A2 50S	CGA250S
A1/A2 50L	CGA250L
A1/A2 63S	CGA263S

Brass Cable Glands



Size	Part Number
A1/A2 63L	CGA263L
A1/A2 75S	CGA275S
A1/A2 75L	CGA275L
A1/A2 90L	CGA290L

A1A2 Glands are weatherproof cable glands for use with all types of unarmoured cables. It can also be used in corrosion condition when protected with shrouds. A1A2 Cable Glands are made

Brass Cable Glands



BW Cable Glands



Size	Part Number
BW20S	CGBW20S
BW20L	CGBW20L
BW25S	CGBW25S
BW25L	CGBW25L
BW32S	CGBW32S
BW32L	CGBW32L
BW40S	CGBW40S
BW40L	CGBW40L
BW50S	CGBW50S
BW50L	CGBW50L
BW63S	CGBW63S

Brass Cable Glands



Size	Part Number
BW63L	CGBW63L
BW75S	CGBW75S
BW75L	CGBW75L

BW Cable Glands use with all types of SWA cables for indoor and dry application. BW cable glands are made from brass.

Brass Cable Glands



CW Cable Glands



Size	Part Number
CW20S	CGCW20S
CW20L	CGCW20L
CW25S	CGCW25S
CW25L	CGCW25L
CW32S	CGCW32S
CW32L	CGCW32L
CW40S	CGCW40S
CW40L	CGCW40L
CW50S	CGCW50S
CW50L	CGCW50L
CW63S	CGCW63S

Brass Cable Glands



Size	Part Number
CW63L	CGCW63L
CW75S	CGCW75S
CW75L	CGCW75L

CW Cable Glands is Suitable for SWA Cable. Application indoor & outdoor whenever it is required to provide sealing on cable outer sheath. CW glands are weatherproof glands and

Brass Cable Glands



E1W Cable Glands



Size	Part Number
E1W20S	CGE1W20S
E1W20L	CGE1W20L
E1W25S	CGE1W25S
E1W25L	CGE1W25L
E1W32S	CGE1W32S
E1W32L	CGE1W32L
E1W40S	CGE1W40S
E1W40L	CGE1W40L
E1W50S	CGE1W50S
E1W50L	CGE1W50L
E1W63S	CGE1W63S

Brass Cable Glands



Size	Part Number
E1W63L	CGE1W63L
E1W75S	CGE1W75S
E1W75L	CGE1W75L

E1W Cable Gland is Suitable for SWA cables. Application indoor & outdoor whenever it is required to provide sealing on cable outer sheath and inner sheath. E1W glands are

Brass Wiping Glands



Size	Part Number
X Type	WGX-01
Y Type	WGY-02

Wiping Glands are available in two sizes as per requirement & used transformer at

Notes

