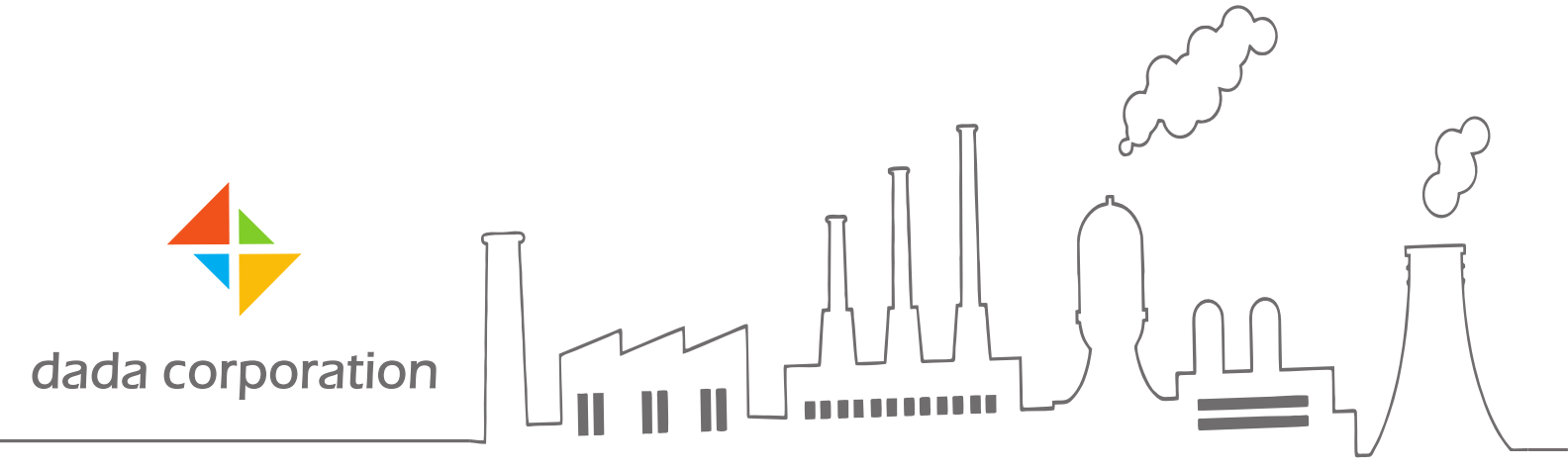
EARTHING, GROUNDING AND LIGHTNING PROTECTION PRODUCT

dada corporation



PROFILE

Over the years , Dada Corp has been supplying a wide range of quality products for Earthing and Lightning Protection.

The Earthing and Lightning Protection systems follow International Standards like BS 6651, BS 7430 and are acknowledged by leading Electrical Distributors and Consultants worldwide. The Products manufactured are easy to install and highly reliable.

The products are produced and tested under quality control measures. Dada Corp Earthing & Lightning protection systems are being used in core sectors of the economy such as Power, Industrial, Oil and many more.

Dada corp with its professional team keeps in view the clients specific requirements for varied production runs.

The growth of Dada Corp is largely due to innovation and continual product development.

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Item	Product
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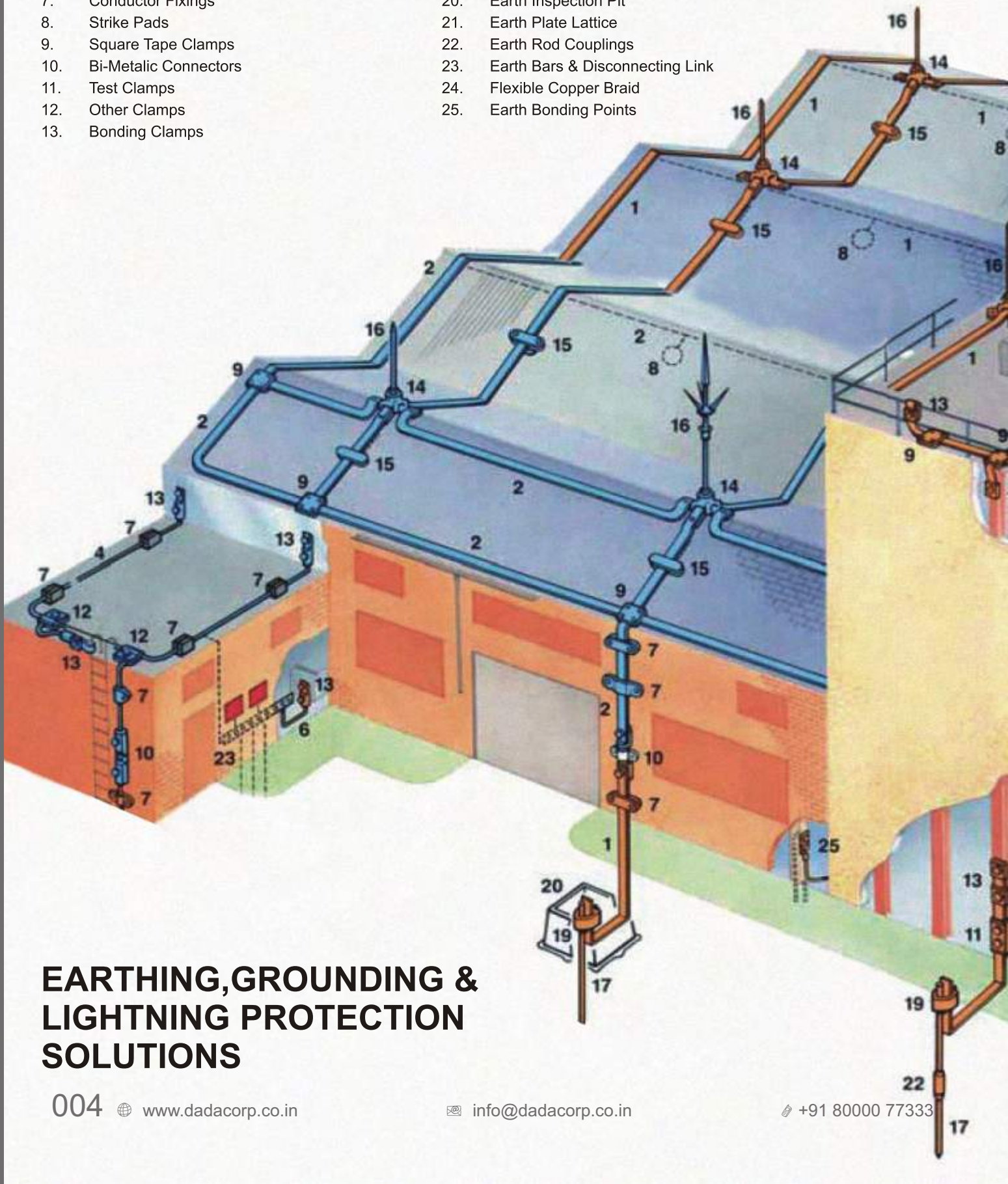
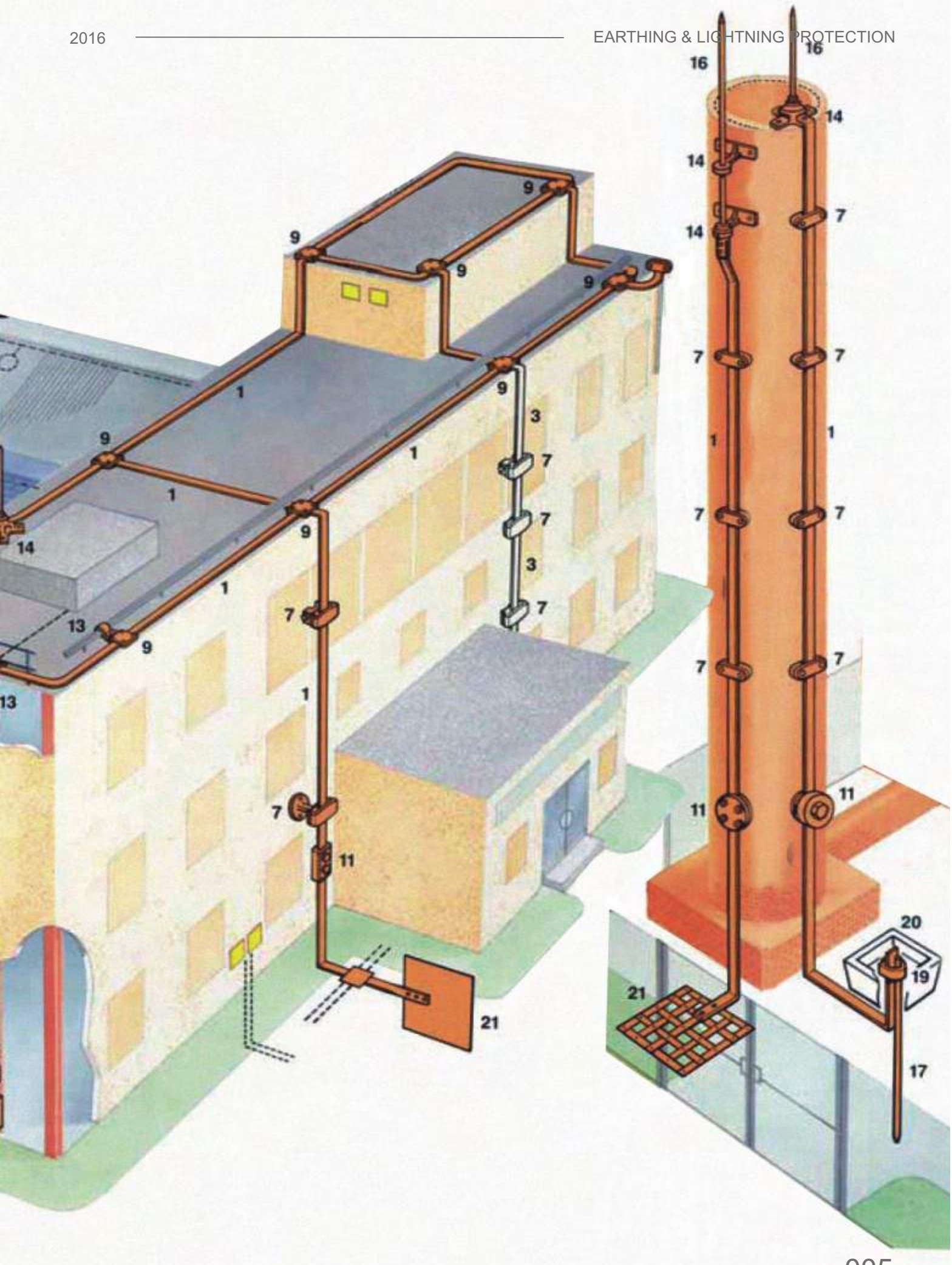


EARTHING,GROUNDING & LIGHTNING PROTECTION SOLUTIONS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PRINCIPLES OF LIGHTNING, EARTHING AND GROUNDING SYSTEM

Lightning protection, Earthing and Grounding are interdependent disciplines under the Dada Corp Co's Lightning, Earthing and Grounding Protection System.

The focus of Dada Corp Co's engineering and technical expertise encompasses the following:

- Capture the Lightning strike
- Convey the energy safely to the ground
- Dissipate energy into the grounding system
- Bond all ground points together
- Protect incoming AC power feeders
- Protect low voltage data/telecommunications circuits

we offer innovative, efficient grounding and bonding products along with a comprehensive consultancy on the Lightning protection, earthing, grounding system involving grounding requirements, installation systems, needs and layout of the facility in congruence with the appropriate codes and standards.

FREQUENTLY USED TERMS

Ground : A conducting connection, whether intentional or accidental between an electrical circuit or equipment and the earth or to some conducting body that serves in place of the earth

Earth : The conductive mass of the earth whose electric potential at any point is conventionally taken as equal to zero. The term 'earth' and 'ground' are used interchangeably

Impedance : The total resistance of an electric circuit to the flow of alternating current.

Bonding : The permanent joining of metallic parts to form an electrically conductive path will ensure electrical continuity and the capacity to conduct any current likely to be imposed.

CHARACTERISTICS OF A GOOD GROUNDING SYSTEM

- Good electrical conductivity
- Conductors capable of withstanding available electrical fault currents
- Long life- at least 40 years
- Low ground resistance and impedance

Need for Grounding

The following aspects require the installation of grounding system:

- The most important reason is to protect people and property
- To help protect structures and equipment from unintentional contact with live conductors
- To help support maximum safety from electrical system faults and lightning

It is a fundamental fact that electricity always flows to the point of low potential. The task is to help ensure that electricity including faults, lightning and electronic noise, flows to this point with maximum safety to people while maintaining the reliability of equipment. Therefore we must ensure the safe controlled flow of electricity with minimum voltage drop to earth in all cases.

PRINCIPLES OF GROUNDING

- **Ground Impedance**

  Soil resistivity is an important design consideration. It varies markedly for different soil types, moisture content and temperatures and gives rise to variations in ground impedance.

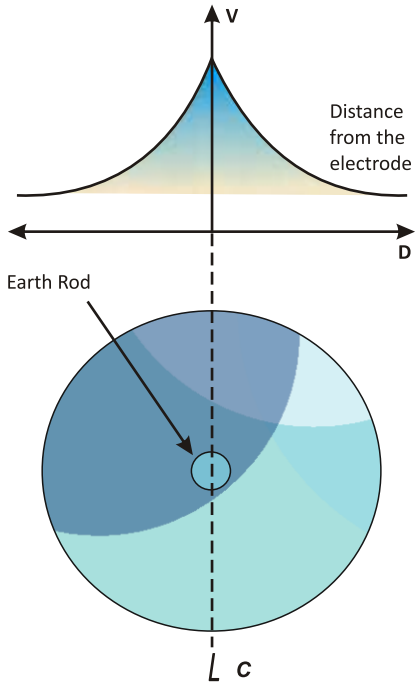
- **Short Direct connections**

  The voltage generated by a lightning discharge depends primarily on the risetime of the current and the impedance of the path to the ground. Extremely fast rise times result in significant voltage rises due to any series inductance resulting from long, indirect paths or sharp bends in the routing of the ground conductors. This is why short direct connections are important.

- **Coupling from the electrode system to the ground**

  The efficiency of a ground electrode system in coupling a lightning current to ground is dependent on a number of factors including the geometry of the ground electrode system, the shape of the conductors and the effective coupling into the soil.

The basic philosophy of any grounding installation should be an attempt to maximize the surface area of electrodes or conductors with the surrounding soil. Not only does this help to lower the earth resistance of the grounding system but also greatly improves the impedance of the grounding system under lightning surge conditions. (Refer Fig 1)



(Fig 1)

Equipotential Bonding

Equipotential bonding helps to ensure that hazardous potential differences do not occur between different incoming conductors such as metallic water services, power systems, telecommunication systems and the local ground.

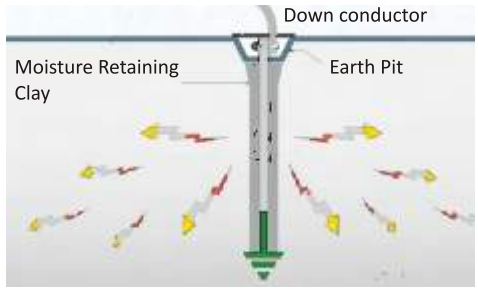
Electrically and mechanically robust and reliable

Mechanical coupling can be used to join ground conductors but suffers from corrosion effects when dissimilar metals are involved. As well as mechanical strength. Dada Corp Co manufactured connections provide excellent low impedance, long life electrical connections with excellent corrosion resistance.

Ground Resistance

When current flows from a ground electrode into the surrounding soil, it is often described as flowing through a series of concentric shells of increasing diameter. (Refer Fig 1)

Each successive shell has a greater area for current flow and consequently lower resistance. At some point distance from the earth conductor the current dissipation becomes so large and current density so small that the resistance is negligible.



Lightning Energy Dissipation

In theory the ground resistance may be derived from the general formula

$R = \rho \times (L/A)$

R = resistance in ohms of the ground rod to the earth (or soil)
ρ = average resistivity in ohms-cm
L = grounding electrode length in cm
A = grounding electrode area in sq. cm

Conditions influencing Soil Resistivity

The resistivity (ρ) of the earth itself (soil resistivity) can significantly impact the overall impedance of the grounding system. Several other factors determine the overall resistivity of the earth which are as follows:

- Soil composition
- Moisture content
- Mineral content
- Contaminants

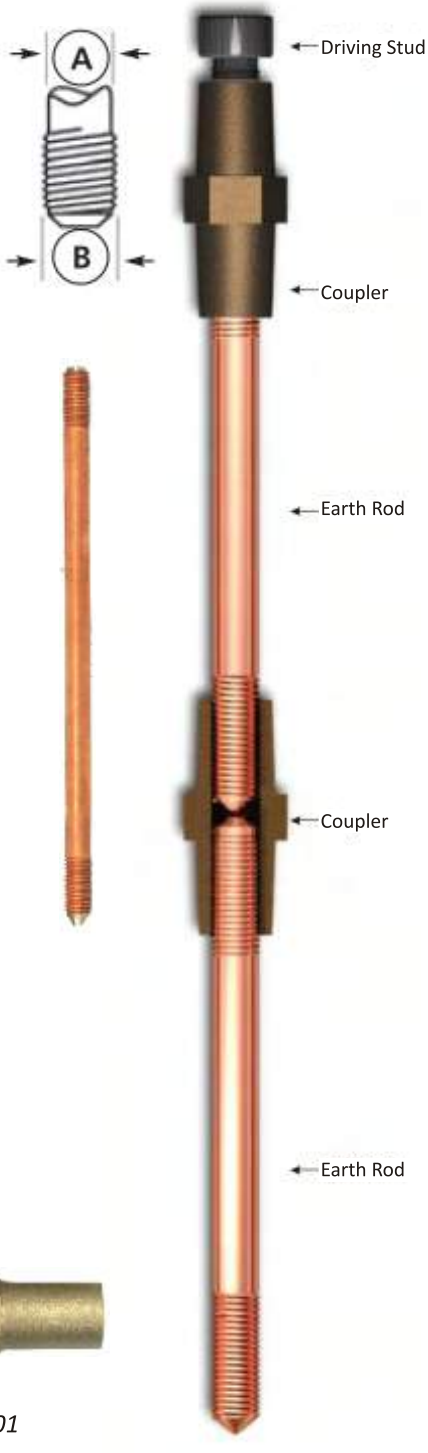
GROUNDING EQUIPMENT

EARTH RODS

COPPER BONDED EARTH RODS - EXTERNALLY THREADED

Dada CorpCo's copper bonded earth rods-254 microns are manufactured by electroplating 99.9 % pure electrolytic copper onto a low carbon steel bar with high tensile strength (minimum 600N/mm2). To prevent oxidation of copper bonding, each rod is treated with Benzol Triozole derivatives. Threads on the rods are formed by roll threading process giving extra strength to the threads and eliminating risk of chipping of threads while driving the rod in the ground. The rods are Externally threaded and matched with couplers internally threaded

Product Code		Nominal Diameter	Shank Diameter "A"	Thread Diameter "B"	Rod Length	
254 Microns	30 Microns	Inch	mm	Inch	Feet	mm
ET - 01	ETC - 01	1/2"	12.7	9/16"	4'	1220
ET - 02	ETC - 02	1/2"	12.7	9/16"	5'	1520
ET - 03	ETC - 03	1/2"	12.7	9/16"	6'	1830
ET - 04	ETC - 04	1/2"	12.7	9/16"	8'	2440
ET - 05	ETC - 05	1/2"	12.7	9/16"	10'	3050
ET - 06	ETC - 06	5/8"	14.2	5/8"	4'	1220
ET - 07	ETC - 07	5/8"	14.2	5/8"	5'	1520
ET - 08	ETC - 08	5/8"	14.2	5/8"	6'	1830
ET - 09	ETC - 09	5/8"	14.2	5/8"	8'	2440
ET - 10	ETC - 10	5/8"	14.2	5/8"	10'	3050
ET - 11	ETC - 11	5/8"	16	5/8"	4'	1220
ET - 12	ETC - 12	5/8"	16	5/8"	6'	1830
ET - 13	ETC - 13	5/8"	16	5/8"	8'	2440
ET - 14	ETC - 14	5/8"	16	5/8"	10'	3050
ET - 15	ETC - 15	3/4"	17.2	3/4"	4'	1220
ET - 16	ETC - 16	3/4"	17.2	3/4"	5'	1520
ET - 17	ETC - 17	3/4"	17.2	3/4"	6'	1830
ET - 18	ETC - 18	3/4"	17.2	3/4"	8'	2440
ET - 19	ETC - 19	3/4"	17.2	3/4"	10'	3050



COUPLER - INTERNALLY THREADED

Rod Size		Product Code		
Inch	mm	Brass	Al. Bronze	Gunmetal
1/2"	12.7	ECB - 01	ECA - 01	ECG - 01
5/8"	16	ECB - 02	ECA - 02	ECG - 02
3/4"	19	ECB - 03	ECA - 03	ECG - 03

ECG - 03

ECG - 02

ECG - 01

COPPER BONDED EARTH ROD - UNTHREADED & INTERNALLY THREADED

Dada Corp Co copper bonded earth rods-254 microns are manufactured by electroplating 99.9 % pure electrolytic copper onto a low carbon steel bar with high tensile strength (minimum 600N/mm2). To prevent oxidation of copper bonding, each rod is treated with Benzol triozole derivatives.

Product Code Unthreaded		Product Code Internally Threaded		Rod Diameter		Rod Length	
254 Microns	30 Microns	254 Microns	30 Microns	Inch	mm	Feet	mm
EU - 01	EUC - 01	EI - 01	EIC - 01	3/8"	9.5	4'	1200
EU - 02	EUC - 02	EI - 02	EIC - 02	3/8"	9.5	5'	1520
EU - 03	EUC - 03	EI - 03	EIC - 03	3/8"	9.5	8'	2440
EU - 04	EUC - 04	EI - 04	EIC - 04	1/2"	12.7	4'	1220
EU - 05	EUC - 05	EI - 05	EIC - 05	1/2"	12.7	5'	1520
EU - 06	EUC - 06	EI - 06	EIC - 06	1/2"	12.7	6'	1830
EU - 07	EUC - 07	EI - 07	EIC - 07	1/2"	12.7	8'	2440
EU - 08	EUC - 08	EI - 08	EIC - 08	1/2"	12.7	10'	3050
EU - 09	EUC - 09	EI - 09	EIC - 09	5/8"	16	4'	1220
EU - 10	EUC - 10	EI - 10	EIC - 10	5/8"	16	5'	1520
EU - 11	EUC - 11	EI - 11	EIC - 11	5/8"	16	6'	1830
EU - 12	EUC - 12	EI - 12	EIC - 12	5/8"	16	8'	2440
EU - 13	EUC - 13	EI - 13	EIC - 13	5/8"	16	10'	3050
EU - 14	EUC - 14	EI - 14	EIC - 14	3/4"	19	4'	1220
EU - 15	EUC - 15	EI - 15	EIC - 15	3/4"	19	5'	1520
EU - 16	EUC - 16	EI - 16	EIC - 16	3/4"	19	6'	1830
EU - 17	EUC - 17	EI - 17	EIC - 17	3/4"	19	8'	2440
EU - 18	EUC - 18	EI - 18	EIC - 18	3/4"	19	10'	3050

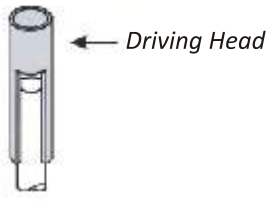
COUPLER - UNTHREADED

Rod Size		Product Code		
Inch	mm	Brass	Al. Bronze	Gunmetal
1/2"	12.7	EBU - 01	ECU - 01	EGU - 01
5/8"	16	EBU - 02	ECU - 02	EGU - 02
3/4"	19	EBU - 02	ECU - 03	EGU - 03

EGU - 03

DRIVING HEAD

Product Code	Rod Size	
	Inch	mm
DH - 01	1/2"	12.7
DH - 02	5/8"	16
DH - 03	3/4"	19



DRIVING STUD

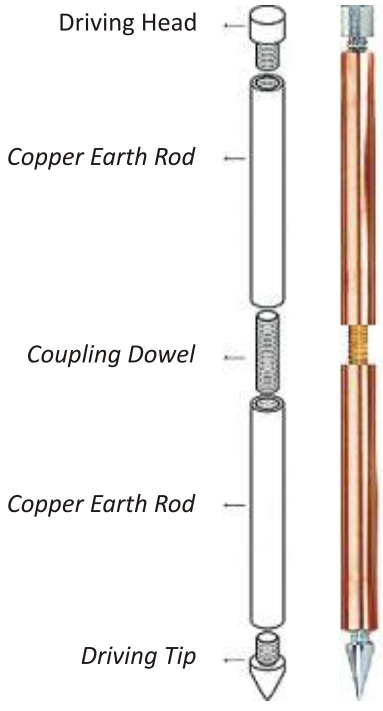
Product Code	Rod Size	
	Inch	mm
DS - 01	1/2"	12.7
DS - 02	5/8"	16
DS - 03	3/4"	19

SOLID COPPER EARTHROD - INTERNALLY THREADED

Dada Corp Co manufactured solid copper earth rods are made from high conductivity hard drawn copper. They are ideally suitable where soil conditions are very corrosive, such as soil with high salt and moisture content These rods are also available with tin plating in order to reduce the risk of oxidation and increasing shelf life.

INTERNALLY THREADED

Product Code	Rod Diameter		Rod Length	
	Inch	mm	Feet	mm
IS - 01	5/8"	16	4’	1220
IS - 02	5/8"	16	6’	1830
IS - 03	5/8"	16	8’	2440
IS - 04	3/4"	19	4’	1220
IS - 05	3/4"	19	6’	1830
IS - 06	3/4"	19	8’	2440
IS - 07	1"	25	4’	1220
IS - 08	1"	25	6’	1830



COUPLERS - EXTERNALLY THREADED

Product Code	Rod Size	
	Inch	mm
ICU - 01	1/2"	12
ICU - 02	5/8"	16
ICU - 03	3/4"	19

SOLID COPPER EARTH ROD - EXTERNALLY THREADED

Dada CorpCo manufactured solid copper earth rods are made from high conductivity hard drawn copper. They are ideally suitable where soil conditions are very corrosive, such as soil with high salt and moisture content.

Product Code	Nominal Diameter	Shank Diameter "A"	Thread Diameter "B"	Rod Length	
	Inch	mm	Inch	Feet	mm
ES - 01	1/2"	12.7	9/16"	4’	1220
ES - 02	1/2"	12.7	9/16"	5’	1520
ES - 03	1/2"	12.7	9/16"	6’	1830
ES - 04	1/2"	12.7	9/16"	8’	2440
ES - 05	1/2"	12.7	9/16"	10’	3050
ES - 06	5/8"	14.2	5/8"	4’	1220
ES - 07	5/8"	14.2	5/8"	5’	1520
ES - 08	5/8"	14.2	5/8"	6’	1830
ES - 09	5/8"	14.2	5/8"	8’	2440
ES - 10	5/8"	14.2	5/8"	10’	3050
ES - 11	5/8"	16	5/8"	4’	1220
ES - 12	5/8"	16	5/8"	6’	1830
ES - 13	5/8"	16	5/8"	8’	2440
ES - 14	5/8"	16	5/8"	10’	3050
ES - 15	3/4"	17.2	3/4"	4’	1220
ES - 16	3/4"	17.2	3/4"	5’	1520
ES - 17	3/4"	17.2	3/4"	6’	1830
ES - 18	3/4"	17.2	3/4"	8’	2440
ES - 19	3/4"	17.2	3/4"	10’	3050

SOLID COPPER EARTH ROD ACCESSORIES

Product Code	Rod Diameter		Product
	Inch	mm	
ID - 01	5/8"	16	Driving Head
ID - 02	3/4"	19	Driving Head
ID - 03	1"	25	Driving Head
IC - 01	5/8"	16	Coupling Dowell
IC - 02	3/4"	19	Coupling Dowell
IC - 03	1"	25	Coupling Dowell
IT - 01	5/8"	16	Driving Tip
IT - 02	3/4"	19	Driving Tip
IT - 03	1"	25	Driving Tip

Driving Tip

STAINLESS STEEL EARTH ROD (Internal threading)

Stainless Steel earth rods are used to overcome condition of galvanic corrosion which may be caused due to dissimilar metals being buried near by. Solid copper rods are likely to react adversely with the buried metal, thus allowing corrosion to take place. To overcome this situation, stainless steel rods which are more anodic than copper & highly resistant to corrosion are recommended. These rods are manufactured from austenitic stainless steel to BS970, grade 316.

Product Code	Rod DIA. mm	Total Length	Thread Dia
SER - 01	16	1500	M10
SER - 02	16	1800	M10
SER - 03	16	2400	M10
SER - 04	20	1500	M12
SER - 05	20	1800	M12
SER - 06	20	2400	M12

GALVANISED STEEL EARTH ROD - UNTHREADED & POINTED

This design of rod is actually cost effective option for earthing
These rods are made up of high strength low carbon steel and hot dipped galvanised .

Product Code	Rod DIA. mm	Total Length
GER - 01	12	1200
GER - 02	12	1500
GER - 03	12	1800
GER - 04	12	2400
GER - 05	12	3000
GER - 06	14	1200
GER - 07	14	1500
GER - 08	14	1800
GER - 09	14	2400
GER - 10	14	3000
GER - 11	16	1200
GER - 12	16	1500
GER - 13	16	1800
GER - 14	16	2400
GER - 15	16	3000
GER - 16	20	1200
GER - 17	20	1500
GER - 18	20	1800
GER - 19	20	2400
GER - 20	20	3000

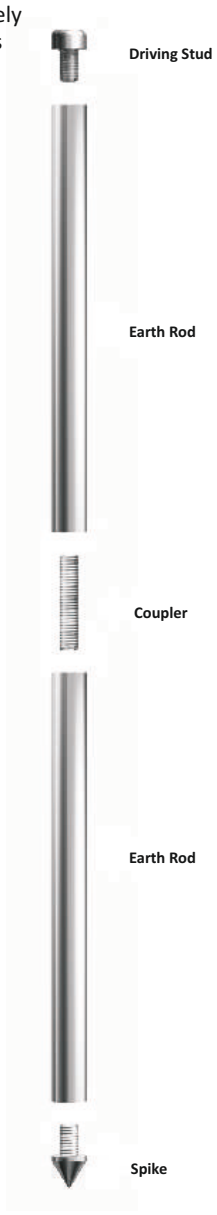
DRIVING HEAD

Made up of Re-usable high tensile steel
Can be used many times over and suitable for power hammering.

Product Code	Thread Dia
DH - 01	M10
DH - 02	M12

INTERNAL COUPLING DOWEL
For Stainless Steel Rods
Made up of Stainless Steel

Product Code	Thread Dia
DC - 01	M10
DC - 02	M12



STAINLESS STEEL EARTH ROD (Internal threading)

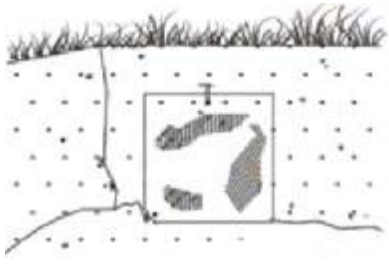
GALVANISED STEEL EARTH ROD

GROUNDING ACCESSORIES

EARTH PLATE - SOLID COPPER

Earth plates are made up of electrolytic grade solid copper sheet. (Also on request made up of Steel sheet with electrolytic grade copper bonding.) Solid copper plates provide a long lasting earthing solution in places where driving earth rods might be impractical. They are often installed in conjunction with Low-Resistance Earthing Compound.

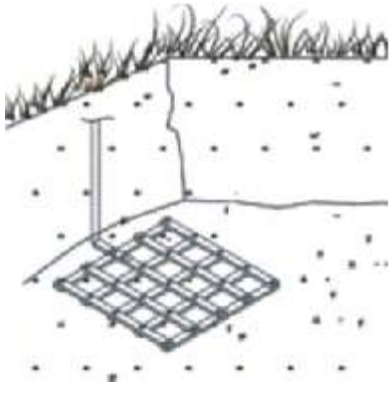
Product Code	Plate Size mm
EP - 01	500x500x1.5
EP - 02	500x500x3
EP - 03	600x600x1.5
EP - 04	600x600x3
EP - 05	900x900x1.5
EP - 06	900x900x3
EP - 07	1000x1000x1.5
EP - 08	1000x1000x3

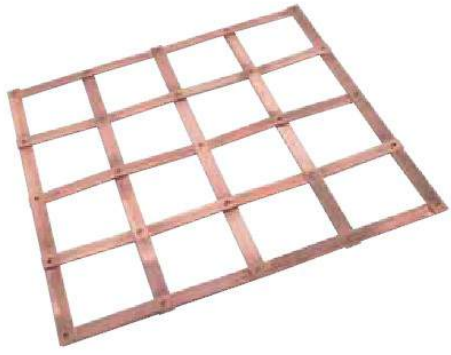


EARTH LATTICE

Earth Lattice is made from Copper Tape of various combination. Copper tapes are of electrolytic grade copper. They are often used for potential grading and are a preferred option on installations such as telecommunication towers, where touch and step potential could cause problems.

Product Code	Lattice Size mm
EL - 01	500x500x2
EL - 02	500x500x3
EL - 03	500x500x5
EL - 04	600x600x2
EL - 05	600x600x3
EL - 06	600x600x5
EL - 07	900x900x2
EL - 08	900x900x3
EL - 09	900x900x5
EL - 10	1000x1000x2
EL - 11	1000x1000x3
EL - 12	1000x1000x5

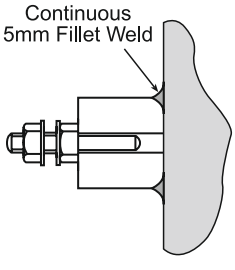




EARTH BOSS

Made of mild steel to BS 970 230M07 (ENIA) with phosphor bronze stud and nuts. For welding to steel vessels/tanks/structures.

Product Code	Length & Dia	Thread Size
EB - 01	50 & 50	M10

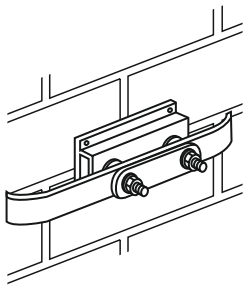


EARTH BARS

Product Code	Description	Length	Width	Height
EB - 01	6 way	400mm	90mm	90mm
EB - 02	8 way	500mm	90mm	90mm
EB - 03	10 way	650mm	90mm	90mm
EB - 04	12 way	750mm	90mm	90mm
EB - 05	14 way	850mm	90mm	90mm
EB - 06	16 way	950mm	90mm	90mm
EB - 07	18 way	1050mm	90mm	90mm
EB - 08	20 way	1200mm	90mm	90mm
EB - 09	22 way	1300mm	90mm	90mm
EB - 10	24 way	1400mm	90mm	90mm
EB - 11	26 way	1500mm	90mm	90mm
EB - 12	28 way	1650mm	90mm	90mm
EB - 13	30 way	1750mm	90mm	90mm

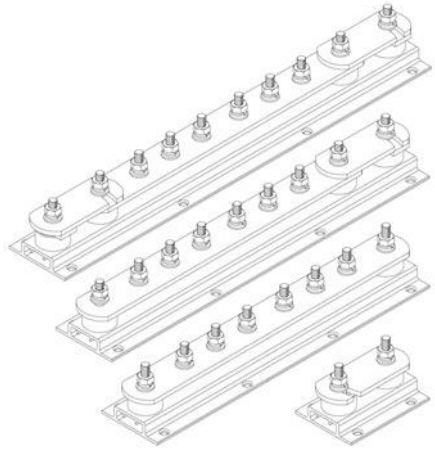
EARTH BARS WITH SINGLE DISCONNECTING LINK

Product Code	Description	Length	Width	Height
EBSDL - 01	6 way	475mm	90mm	96mm
EBSDL - 02	8 way	575mm	90mm	96mm
EBSDL - 03	10 way	725mm	90mm	96mm
EBSDL - 04	12 way	825mm	90mm	96mm
EBSDL - 05	14 way	925mm	90mm	96mm
EBSDL - 06	16 way	1025mm	90mm	96mm
EBSDL - 07	18 way	1125mm	90mm	96mm
EBSDL - 08	20 way	1275mm	90mm	96mm
EBSDL - 09	22 way	1375mm	90mm	96mm
EBSDL - 10	24 way	1475mm	90mm	96mm
EBSDL - 11	26 way	1575mm	90mm	96mm
EBSDL - 12	28 way	1725mm	90mm	96mm
EBSDL - 13	30 way	1825mm	90mm	96mm



EARTH BARS WITH TWIN DISCONNECTING LINKS

Product Code	Description	Length	Width	Height
EBTDL - 01	6 way	550mm	90mm	96mm
EBTDL - 02	8 way	650mm	90mm	96mm
EBTDL - 03	10 way	800mm	90mm	96mm
EBTDL - 04	12 way	900mm	90mm	96mm
EBTDL - 05	14 way	1000mm	90mm	96mm
EBTDL - 06	16 way	1100mm	90mm	96mm
EBTDL - 07	18 way	1200mm	90mm	96mm
EBTDL - 08	20 way	1350mm	90mm	96mm
EBTDL - 09	22 way	1450mm	90mm	96mm
EBTDL - 10	24 way	1550mm	90mm	96mm
EBTDL - 11	26 way	1650mm	90mm	96mm
EBTDL - 12	28 way	1800mm	90mm	96mm
EBTDL - 13	30 way	1900mm	90mm	96mm



INSPECTION HOUSING EARTH BARS

These earth bars fit into the slots provided in the concrete inspection housing and are used when multiple connections to the earth rod are required.

Product Code	Description	Length	Width	Height
EBIH - 01	5 & 7	585mm	30mm	6mm
EBIH - 02	7 & 7	585mm	30mm	6mm

INSULATOR

Product Code	Description	Dia	Width	Height
EBI - 01	Insulator Only	M10	40	40
EBI - 02	Insulator with 2stud & 3Nut	M10	40	40

We can offer a range of earth bars manufactured to your individual requirements.
NOTE: All earth bars is available in Tined Copper.

CLAMPS AND BONDS

The clamps are suitable for use with a combination of rod size, tape and conductors.

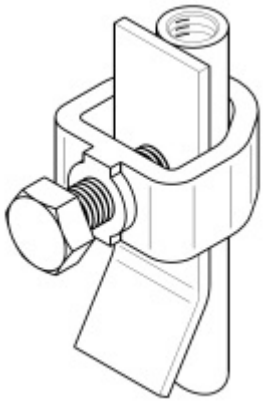
ROD TO TAPE CLAMP (TYPE A)

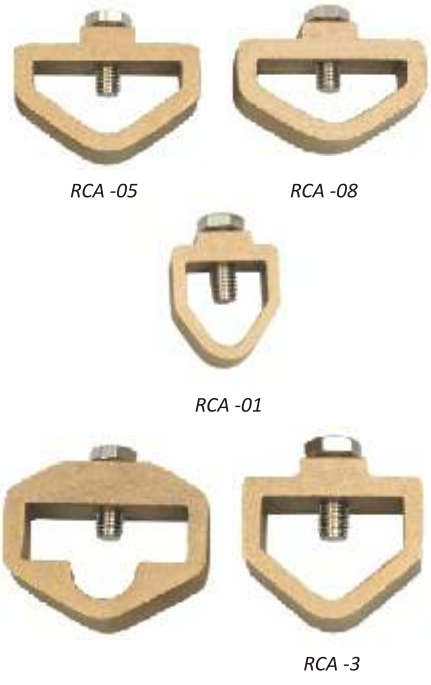
Material : High strength copper alloy / gun metal

Combination Type : Rod and Tape

Usage : These clamps are used for joining earth rods to different sizes of copper tapes

Product Code	Nominal Rod Dia		Max Tape Sq mm
	Inch	mm	
CA - 01	1/2 "	12.7	26X12
CA - 02	5/8"	16	26X12
CA - 03	3/4"	20	26X10
CA - 04	5/8"	16	30X2
CA - 05	3/4"	20	30X2
CA - 06	5/8"	16	40X12
CA - 07	5/8"	16	51X8
CA - 08	3/4"	20	51X12
CA - 09	1/2 "	12.7	26X20
CA - 10	5/8"	16	26X18
CA - 11	1"	25	26X10





RCA -05 *RCA -08*

RCA -01

RCA -3

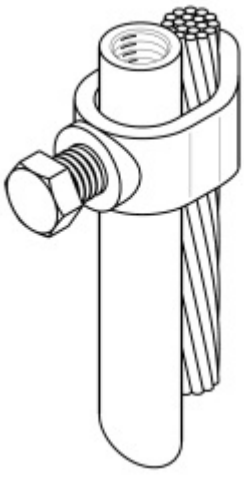
ROD TO CABLE CLAMP (TYPE G)

Material : High strength copper alloy / gun metal

Combination Type : Rod and Conductor

Usage : These clamps are used for joining earth rods to different sizes of stranded copper conductor.

Product Code	Nominal Rod Dia		Conductor Range sq mm
	Inch	mm	
CG - 01	3/8 "	9.5	6-35
CG - 02	1/2 "	12.5	16-50
CG - 03	5/8 "	16	16-70
CG - 04	3/4 "	20	35-95
CG - 05	1 "	25	70-120
CG - 06	1. 1/2 "	38	120-150



RCG - 04 *RCG - 03*

RCG - 02 *RCG - 01*

U-BOLT : SINGLE PLATE TYPE FOR HORIZONTAL FLAT TAPE (TYPE E)

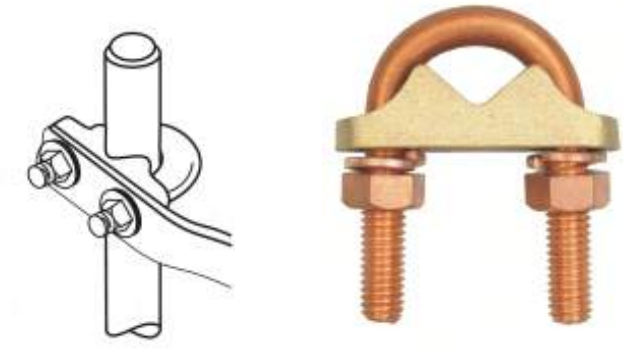
The versatile range of Dada CorpCo's"U" bolt clamps can be used to connect flat tapes and stranded cables to earth rods, reinforcing bars (re-bar), hand rails etc.

Material : Clamp is made of gunmetal and U-Bolt is manufactured from high strength copper alloy

Combination Type : Rod and Tape

Usage : Used for connecting flat copper tapes to the rods in Horizontal position

Product Code	Nominal Diameter		Hole Centres
	Inch	mm	mm
UE - 01	5/8"	16	37
UE - 02	3/4"	19	37
UE - 03	1"	25	37
UE - 04	1 1/2"	38	54
UE - 05	2"	51	64



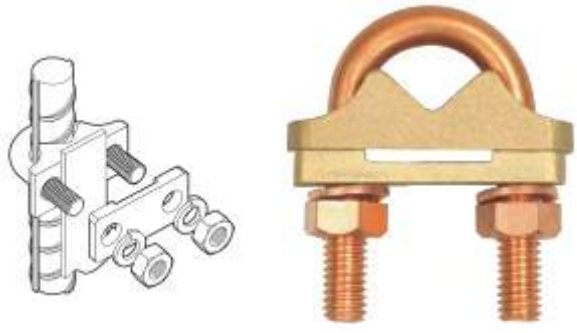
U-BOLT : DOUBLE PLATE TYPE FOR VERTICAL FLAT TAPE

Material : Clamp is made of gunmetal and U-Bolt is manufactured from high strength copper alloy

Combination Type : Rod and Tape

Usage : Used to connect flat tapes in vertical position on the rod

Product Code	Nominal Diameter		Tape Width
	Inch	mm	mm
UD - 01	5/8"	16	25
UD - 02	3/4"	19	25
UD - 03	1"	25	25
UD - 04	1 1/2"	38	25
UD - 05	2"	51	25



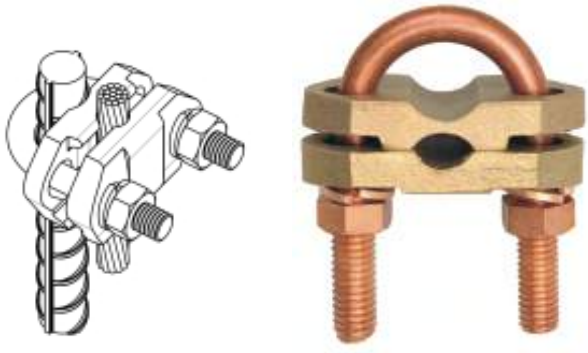
U BOLT : DOUBLE PLATE TYPE FOR VERTICAL STRANDED CABLES (TYPE GUV)

Material : Clamp is made of gunmetal and U-Bolt is manufactured from high strength copper alloy

Combination Type : Rod and conductor

Usage : Used for connecting copper round stranded conductors in vertical and horizontal position on the rod

Product Code	Nominal Diameter		Conductor Range
	Inch	mm	mm
UC - 01	5/8"	16	16 - 150
UC - 02	5/8"	16	150 - 300
UC - 03	3/4"	20	16 - 70
UC - 04	3/4"	20	70 - 300
UC - 05	1"	25	16 - 70
UC - 06	1"	25	70 - 300



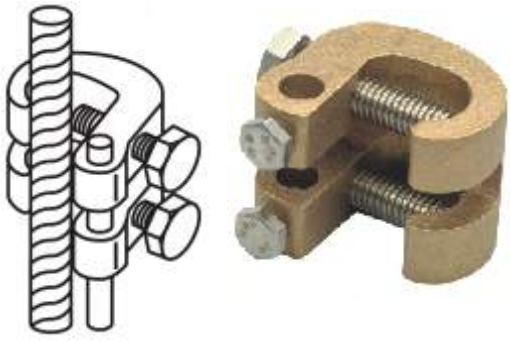
REBAR CLAMPS

The versatile range of Dada Corp Co Re-bar clamps is used to connect re-bar to re-bar or re-bar stranded cable. They provide a strong mechanical connection along with excellent resistance to corrosion.

Material : Gunmetal

Type : Conductor to Reinforcing bar

Usage : For bonding to reinforcing bar, steam pipes, handrails etc.



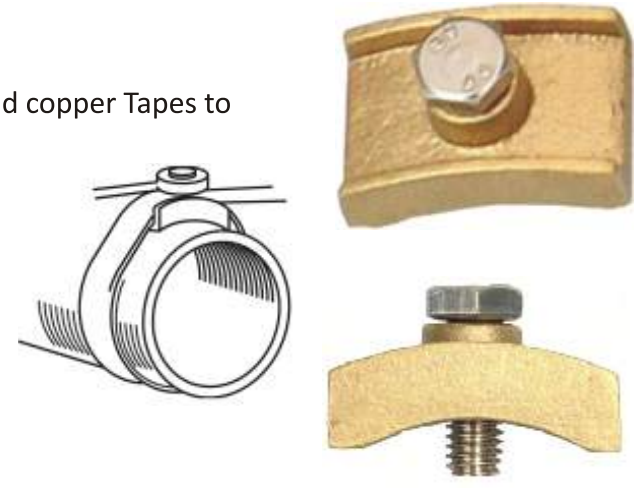
Product Code	Conductor Dia mm	Rebar Dia mm	Material
REC - 01	8	8-18	Gunmetal
REC - 02	8	18-38	Gunmetal

WATERMAIN PIPE BOND

Material : Gunmetal

Combination Type : Tape and Pipe

Usage : Used in bonding of metallic water main pipes and copper Tapes to the Earthing or Lightning protection system



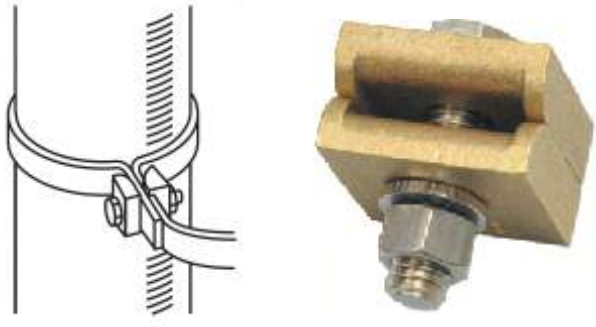
Product Code	Max tape width	Conductor material
WP - 01	26	Copper
WP - 02	26	Aluminium
WP - 03	38	Copper
WP - 04	38	Aluminium

RAIN WATER PIPE BOND

Material : Gunmetal

Combination Type : Tape and Pipe

Usage : Used in bonding of tapes to rainwater pipes



Product Code	Max tape width mm	Bolt size	Details
RP - 01	26	M10	For Copper Conductor
RP - 02	26	M10	For Aluminium Conductor
RP - 03	38	M10	For Copper Conductor
RP - 04	38	M10	For Aluminium Conductor

TOWER EARTH CLAMP

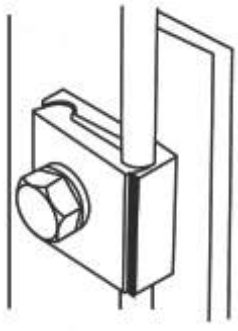
Tower earth clamps are used for bonding copper conductors onto steel surfaces. The double-plate design provides a robust fixing in areas where cladding may be installed or where the complete clamp will be covered by concrete. The clamp is fixed by drilling a hole in the steelwork and securing with the screw provided.

Material : Gunmetal

Combination Type : Conductor and steel structure

Usage : Used for bonding Copper Cables or wires to steel structures

Product Code	Conductor Size	Channel Thickness mm	Bolt Size
TB - 01	16-70	10	M10
TB - 02	70-120	10	M12
TB - 03	25-50	10	M10
TB - 04	120-185	10	M12
TB - 05	185-240	10	M12

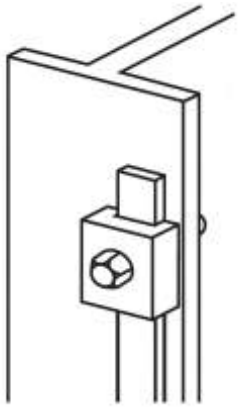


B BOND

Material : Gunmetal

Combination Type : Tape and steel structure

Usage : Used for bonding tape to steel structures



Product Code	Tape Size	Bolt Size	Conductor Material
BB - 01	26	M10	Copper
BB - 02	26	M10	Aluminium
BB - 03	31	M10	Copper

PIPE CLAMP (Type 1)

Material : Gunmetal

Combination Type : Conductor and Pipe

Usage : Used for providing positive earth continuity for water pipes

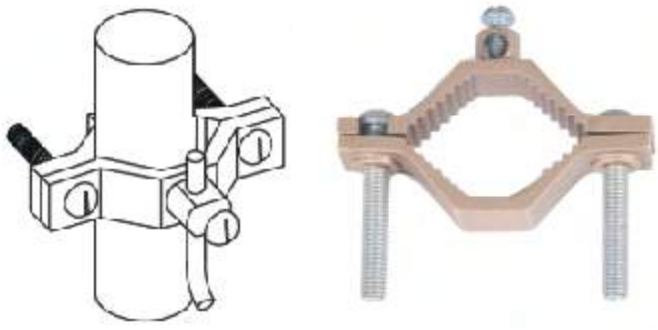
Product Code	Pipe Diameter Inch	Pipe Diameter mm	Conductor Range Sq. mm
PC - 101	½"-1"	13-25	25-95
PC - 102	1 1/4"-2"	32-50	25-95
PC - 103	21/2"- 31/2"	65-90	25-95
PC - 104	4"-5"	100-125	25-95
PC - 105	6"	150	25-95
PC - 106	8"	200	25-95
PC - 107	10"	250	25-95
PC - 108	12"	300	25-95

PIPE CLAMPS (TYPE 2)

Material : Gunmetal

Combination Type : Conductor and pipe

Usage : Used for providing positive earth continuity for Water pipes



Product Code	Pipe Size inch	Conductor range sq. mm
PC - 01	½" - 1"	Upto 16
PC - 02	1¼" - 2"	Upto 16
PC - 03	2 ½" -4"	Upto 16

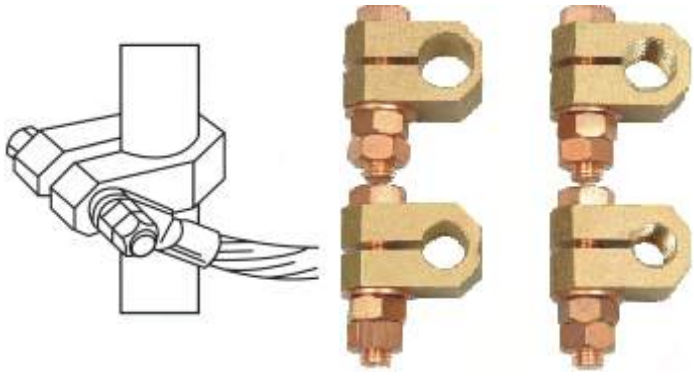
SPLIT CONNECTOR CLAMP

Material : High strength copper alloy / Gunmetal

Combination Type : Rod to Cable Lugs

Note: Split connector clamps are most suitable for unthreaded rods

Product Code		Nominal Rod Dia	
Unthreaded	Threaded	Inch	mm
SBU - 01	SBT - 01	3/8"	9.5
SBU - 02	SBT - 02	1/2"	12.5
SBU - 03	SBT - 03	5/8"	16
SBU - 04	SBT - 04	3/4"	20
SBU - 05	SBT - 05	1"	25



Unthreaded Threaded

EYE BOLT

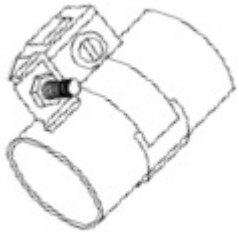
Material : Gunmetal

Combination Type : Ground Rod

Usage : The Eye bolt can be screwed direct onto a copper bond grounding rod. The eye bolt offers an earthing point for boats, trucks etc.

Product Code	Nominal Rod Dia	
	Inch	mm
EB - 01	3/8"	12.5
EB - 02	5/8"	14.2
EB - 03	3/4"	17.2

EARTHING CLAMP (TYPE EC)



Material : Stainless steel / Phosphorus bronze straps with copper alloy connector

Usage : Used for making earth connections on pipes

Designed and maufactured as per BS 951 standard.
Available in three standard lengths for pipe diameters of 12- 32 mm, 32-50mm, 50-75mm

Product Code	Terminal Size	Features	Material
ET - 33	A-D 2.5- 10 sq mm	Colour coded Red suitable for non corrosive dry atmospheric conditions	Brass
ET - 34	A-D 2.5- 10 sq mm	Colour coded Blue suitable for corrosive humid conditions	Phosphorus / Bronze
ET - 35	A-E 2.5- 16 sq mm	Colour coded Blue suitable for corrosive humid conditions	Phosphorus / Bronze

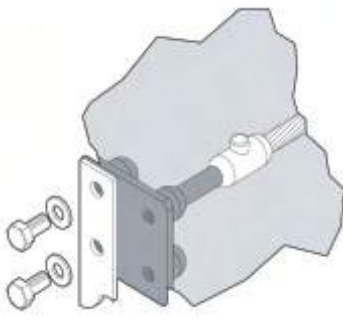
EARTH POINTS

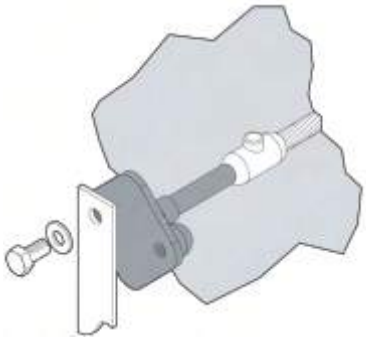
Material : Gunmetal

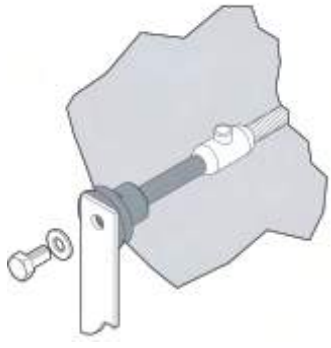
Combination Type : Reinforced bar

Usage : Used for providing an earth point when connected to continuous reinforcing bars

Product Code	No of Holes	Hole Size (mm)
BP - 01	1	M8
BP - 02	1	M10
BP - 03	1	M12
BP - 04	1	M16
BP - 05	2	M8
BP - 06	2	M10
BP - 07	4	M8
BP - 08	4	M10







EARTH BLOCKS

Product Code	Description	Length	Width	Height
EB - 01	4 Way Single	54	09	12
EB - 02	4 Way Double	51	18	12
EB - 03	8 Way Double	81	18	12

C CONNECTOR

Material : EC GRADE COPPER and ELECTRO TINNED / UNTINNED

Usage : Tap and Parallel connection of stranded copper cable in earthing application and are ideal for making permanent joints where periodic disconnection is not required.

Product Code	Description	Length	Width	Height
	Cable Sizemm2	A	B	L
CC - 01	C25 - C25	20.6	12	21
CC - 02	C35 - C35	26.4	15.4	21
CC - 03	C50 - C50	34	21.2	28
CC - 04	C70 - C70	31	19.8	28
CC - 05	C95 - C95	40	25.5	29
CC - 06	C120 - C120	44	27	31
CC - 07	C150 - C150	44.5	29.7	35
CC - 08	C185 - C185	51.8	30	35
CC - 09	C240 - C240	57.7	33.6	35
CC - 10	C16-35 - 50-70C	33.4	21	23
CC - 11	C25-50 - 70-95C	40.8	26	28

METALLIC CONNECTOR

Product Code	Conductor Size	Material Type
BMC - 01	25X3 mm	Aluminum & Copper
BMC - 02	25X3 mm	Stainless Steel
BMC - 03	8 mm2	Aluminum & Copper
BMC - 04	8 mm2	Stainless Steel
BMC - 05	8 mm2to 25X3 mm	Aluminum & Copper
UCC - 01	50, 70& 95mm2	Universal Cable Connector Brass
UCC - 02	70, 95& 120 mm2	Universal Cable Connector SS

MULTIPLE POINTS

Material : Multiple points are made from Copper Alloy and the taper Spike from EC grade copper

Product Code	Thread Dia Inch	Thread Dia mm	Description
MP - 01	5/8”	15.87	Multiple Point for 5/8” rod
MP - 02	3/4”	19.04	Multiple Point for 3/4” rod
TP - 01	5/8”	15.87	Taper Spike for 5/8” rod
TP - 02	3/4”	19.04	Taper Spike for 3/4” rod

MP - 01

TP - 01

TAPER POINTED AIR ROD

Air rods form an important part of the air termination network of a lightning protection system. All of our air rods are supplied with a locknut enabling the rod to be locked tight against the conductor.

Material: The rods are made up of high conductivity EC Grade Copper & Aluminum

Relevant standard : BS 2874 & BS 2987

Product Code	Thread Size	Length	Material
AR - 01	5/8"	300	Copper
AR - 02	5/8"	500	Copper
AR - 03	5/8"	1000	Copper
AR - 04	5/8"	1500	Copper
AR - 05	5/8"	2000	Copper
AR - 06	3/4"	300	Copper
AR - 07	3/4"	500	Copper
AR - 08	3/4"	1000	Copper
AR - 09	3/4"	1500	Copper
AR - 10	3/4"	2000	Copper
ARA - 01	5/8"	300	Aluminium
ARA - 02	5/8"	500	Aluminium
ARA - 03	5/8"	1000	Aluminium
ARA - 04	5/8"	1500	Aluminium
ARA - 05	5/8"	2000	Aluminium

ELEVATION ROD

Material : Manufactured from High conductivity Copper to BS 2874 & Aluminium to BS 2987

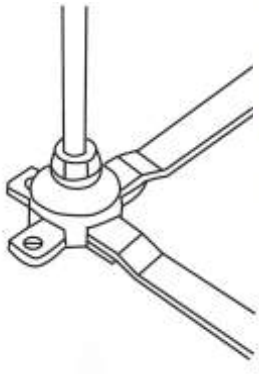
Combination Type : Air Terminal Base to Air Rod

Product Code	Thread Size	Length	Material
ER - 01	5/8"	300	Copper
ER - 02	5/8"	500	Copper
ER - 03	5/8"	1000	Copper
ER - 04	5/8"	1500	Copper
ER - 05	5/8"	2000	Copper
ER - 06	3/4"	300	Copper
ER - 07	3/4"	500	Copper
ER - 08	3/4"	1000	Copper
ER - 09	3/4"	1500	Copper
ER - 10	3/4"	2000	Copper

AIR TERMINAL BASE (TAPE TYPE)

Material : Gunmetal & Aluminium

Combination Type : Air Terminal and tape

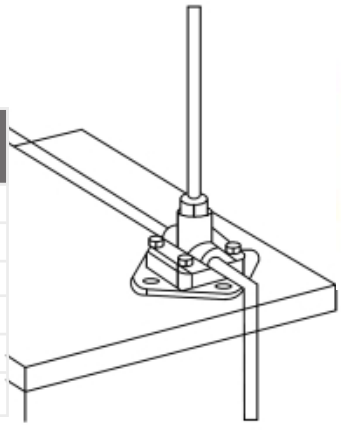


Product Code	Nominal Rod Dia		Max Tape Size mm	Material
	Inch	mm		
AT - 01	5/8”	M16	25X6	Gunmetal
AT - 02	5/8”	M16	25X6	Aluminium
AT - 03	3/4”	M20	25X6	Gunmetal
AT - 04	3/4”	M20	25X6	Aluminium

AIR TERMINAL BASE - CONDUCTOR TYPE

Material : Gunmetal & Aluminium.

Combination Type : Air Terminal and Conductor



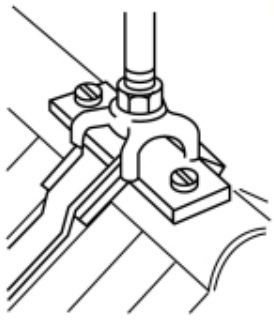
Product Code	Conductor Size Sq. mm	Thread Dia
AT - 101	50	5/8”
AT - 102	50	3/4”
AT - 103	70	5/8”
AT - 104	70	3/4”
AT - 105	95	5/8”
AT - 106	95	3/4”

RIDGE SADDLE

Material : Gunmetal

Combination Type : Air Terminal and Tape

Usage : This is used for Supporting Lightning Conductor Air Terminals on the Roof Ridges



Product Code	Thread Dia Inch	Thread Dia mm	Max Tape Size mm	Rod Material
RS - 01	5/8”	15.87	30X6 mm	Gunmetal
RS - 02	5/8”	15.87	30X6 mm	Aluminium
RS - 03	3/4”	19.04	30X6 mm	Gunmetal
RS - 04	3/4”	19.04	30X6 mm	Aluminium

SIDE MOUNTING ROD BRACKETS

Material : Gunmetal and Brass

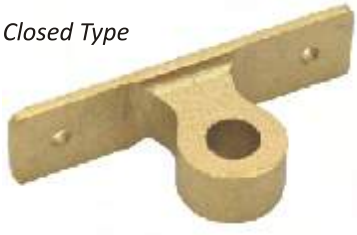
Combination Type : Rod

Usage : Used to support and continue Elevation Rod. It provides a 75mm projection from the face of the wall

Product Code	Rod Dia in mm	Material
SMB - 01	16	Gunmetal
SMB - 02	20	Gunmetal

ROD BRACKETS

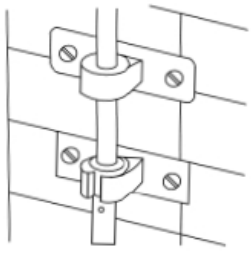
Closed Type

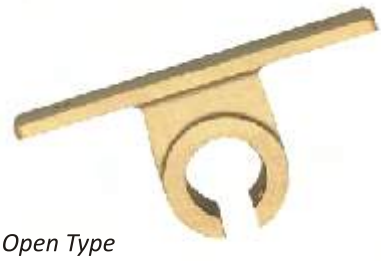


Material : Gunmetal and Aluminium

Combination Type : Rod

Usage : Used to support and continue Elevation Rod





Open Type

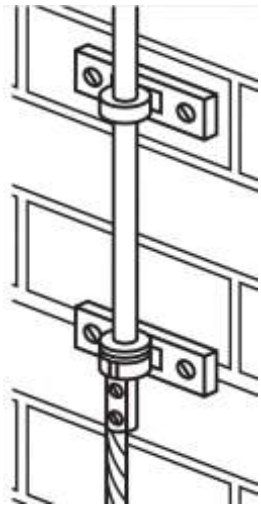
Product Code Open Type	Product Code Closed Type	Rod Dia in mm	Material
RROB - 01	RRCB - 01	16	Gunmetal
RROB - 02	RRCB - 02	20	Gunmetal

ROD TO TAPE COUPLING

Material : Gunmetal and Aluminium

Combination Type : Rod and Tape

Usage : Used to connect elevation Rod to Earthing Tape



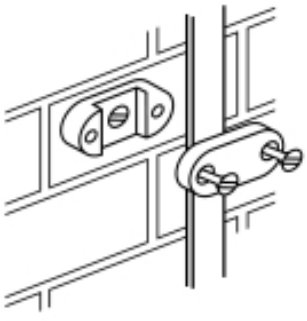
Product Code	Nominal Rod Dia		Thread Dia mm	Material
	Inch	mm		
TC - 01	5/8"	14.2	15.87	Gunmetal
TC - 02	5/8"	14.2	15.87	Aluminium
TC - 03	3/4"	17.2	19.04	Gunmetal
TC - 04	3/4"	17.2	19.04	Aluminium

ROD TO CABLE COUPLING

Material : Gunmetal and Aluminium

Combination Type : Rod and Cable

Usage : Used to connect elevation Rod to Cable



Product Code	Thread Dia		Conductor Size Sq mm
	Inch	mm	
RC - 01	5/8"	15.87	35-95
RC - 02	3/4"	19.04	35- 95

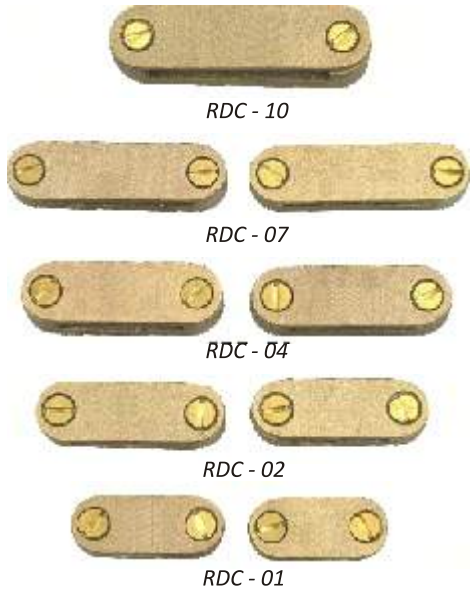
D.C TAPE CLIP

Material : Gunmetal and Aluminium

Combination Type : Tape

Usage : Support and Secure Flat tape to the structure

Product Code	Conductor Size mm	Material
DC - 01	20 x 3	Gunmetal
DC - 02	25 x 3	Gunmetal
DC - 03	25 x 4	Gunmetal
DC - 04	25 x 6	Gunmetal
DC - 05	31 x 3	Gunmetal
DC - 06	31 x 6	Gunmetal
DC - 07	38 x 3	Gunmetal
DC - 08	38 x 5	Gunmetal
DC - 09	38 x 6	Gunmetal
DC - 10	50 x 3	Gunmetal
DC - 11	50 x 4	Gunmetal
DC - 12	50 x 6	Gunmetal
DC - 13	50 x 8	Gunmetal
DC - 14	25 x 3	Aluminium
DC - 15	25 x 6	Aluminium
DC - 16	25 x 8	Aluminium



DC Tape Clip Product Family

SQUARE TAPE CLAMP

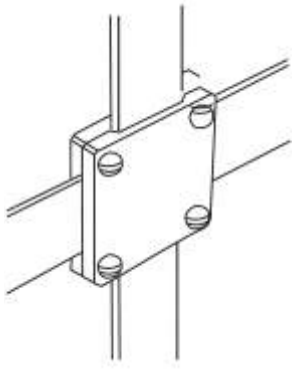
These Dada Corp Co four-way connectors are suitable for making cross, straight through or tee joints in flat tape. The base has a countersunk hole in the middle for securing the clamp to the buildings surface and the lid is fixed by means of four screws.

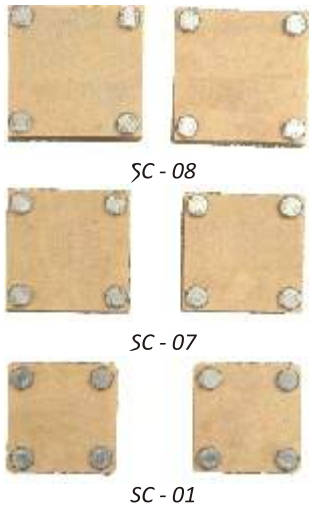
Material : Gunmetal / Phosphor Bronze / Aluminium

Combination Type : Tape

Usage : Used for 4 way connections, straight through or Tee joints for Tapes

Product Code	Tape Size mm	Material
SC - 01	20 x 3	Gunmetal
SC - 02	25 x 3	Gunmetal
SC - 03	25 x 3	Aluminium
SC - 04	25 x 6	Gunmetal
SC - 05	38 x 3	Gunmetal
SC - 06	38 x 3	Aluminium
SC - 07	38 x 6	Gunmetal
SC - 08	50 x 3	Gunmetal
SC - 09	50 x 6	Gunmetal
SC - 10	50 x 6	Aluminium





Square Tape Clamp product family

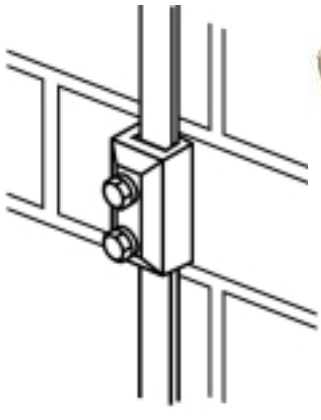
OBLONG TEST CLAMP

Designed to join a range of tape sizes in a straight through position. In many applications the clamp enables tapes to be overlapped and secured by the two set screws.

Material : Gunmetal

Combination Type : Tape

Usage : Used for straight through Tape joints



Product Code	Tape size mm	Material Clamp
OC - 01	26x8	Gunmetal
OC - 02	38x6	Gunmetal
OC - 03	51x10	Gunmetal
OC - 04	26x8	Phosphorus Bronze
OC - 05	26x8	Aluminium

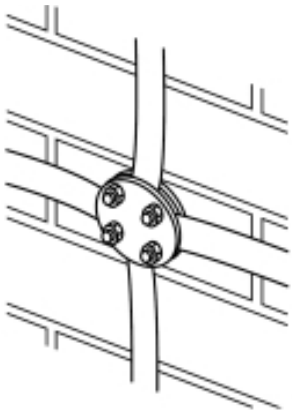
PLATE TEST CLAMP

Material : Gunmetal

Combination Type : Tape

Usage : Used to create a disconnecting joint between the down conductor system and Earthing system. The clamp can be used as a 4-Way clamp

Product Code	Tape Size mm
PC - 33	25 x 3



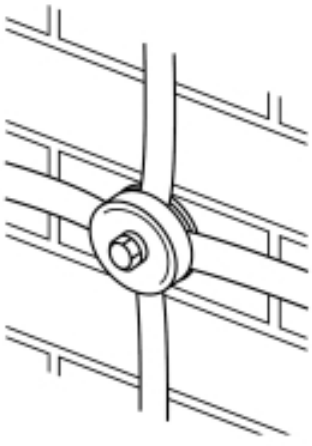
SCREWDOWN TEST CLAMP

Material : Gunmetal

Combination Type : Tape

Usage : Used to create a disconnecting joint between the down conductor system and Earthing system

Product Code	Tape Size mm
RSC - 253	25 x 3

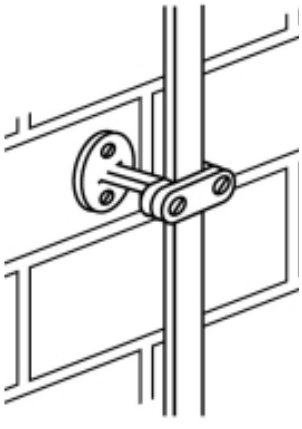


BACK PLATE HOLDFAST STEM

Material : Gunmetal

Usage : Required for installation of Tape when the Tape is to be secured away from the face of wall. This should be used with appropriate D.C clip

Product Code	Weight in Kg
RSC - 01	0.3
RSC - 02	0.13



HEAVY DUTY CONDUCTOR SADDLE

Material : Gunmetal

Combination Type : Conductor

Usage : Used in conjunction with Wall Mounted Air Terminal Base

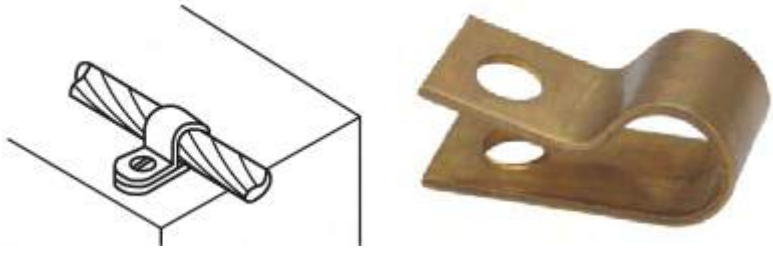
Product Code	Conductor Dia mm
HDS - 01	8
HDS - 02	10
HDS - 03	11
HDS - 04	17.5

ONE HOLE CLIP

Material : Copper / Aluminium

Combination Type : Conductor

Usage : Support and secure round conductor on structure



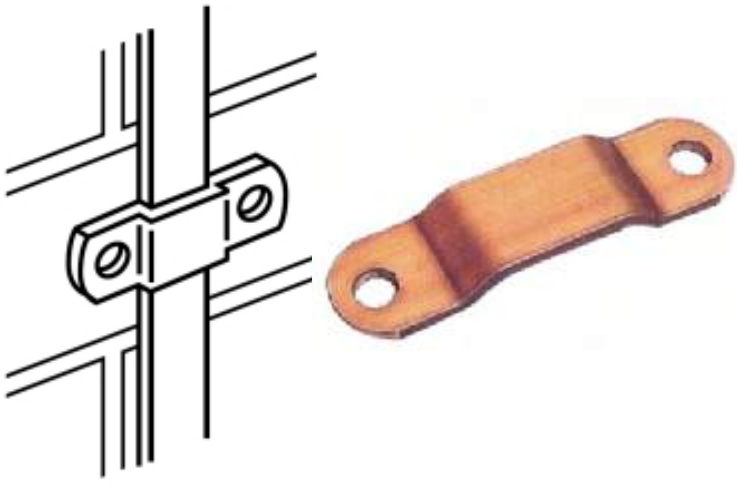
Product Code	Conductor Size Sq. mm
HC - 01	25-35
HC - 02	50-70
HC - 03	95

TAPE CLIP

Material : Copper and aluminium strip

Combination Type : Tape

Usage : Support and Secure Flat tape to the structure



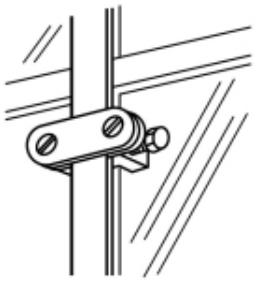
Product Code	Conductor Size Sq. mm
TC - 101	20 x 3
TC - 102	25 x 3
TC - 103	50 x 6

GLAZING BAR HOLDFAST

Material : Gunmetal

Type : Conductor

Usage : Provides secure anchorage to thin metallic sections that cannot be drilled e.g. window mullions, angle iron etc. Once fixed any metallic or non metallic conductor clip can be attached with the screw provided



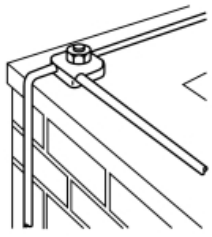
Product Code	Max Glazing Bar width mm	Material
GB - 01	12	Gunmetal
GB - 02	12	Aluminium

SQUARE CONDUCTOR CLAMP (TYPE 1 & TYPE 2)

Material : Gunmetal

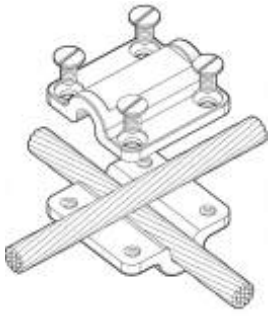
Combination Type : Conductor

Usage : Provides an effective low resistance connection between overlapping stranded conductors



Type 1

Product Code Type 1	Product Code Type 2	Conductor Size Sq. mm
SC - 101	SC - 201	35
SC - 102	SC - 202	50
SC - 103	SC - 203	70
SC - 104	SC - 204	95



Type 2

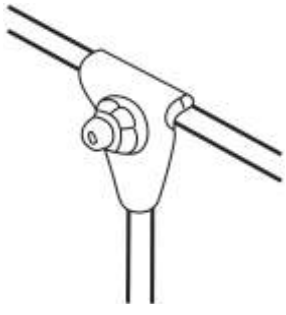
TEE CLAMP

Material : Gunmetal

Combination Type : Conductor

Usage : Provides and effective low resistance Tee Joints in solid circular conductor networks

Product Code	Conductor size Sq mm
TC - 135	35
TC - 150	50 - 95



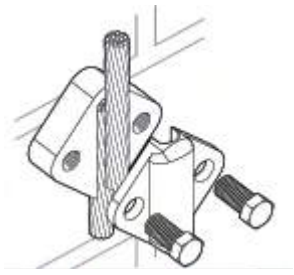
TEST CLAMP

Material : Gunmetal

Combination Type : Conductor

Usage : Provides an effective low resistance connection between overlapping stranded conductors

Product Code	Conductor Size Sq. mm
CT - 01	35
CT - 02	50
CT - 03	70
CT - 04	95



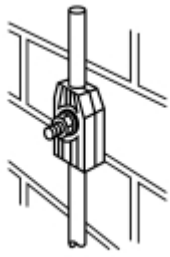
INTERFACE TEST CLAMP

Material : Gunmetal

Type : Conductor

Usage : Used to provide low resistance Tee Joints In solid circular conductor networks

Product Code	Conductor Dia mm	Conductor Size Sq. mm	Material
ITC - 01	8	25 x 3	Gunmetal
ITC - 02	8	25 x 3	Aluminium



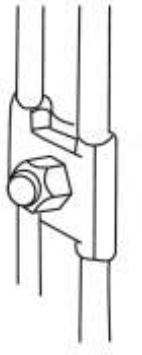
JOINTING CLAMP

Material : Gunmetal

Type : Conductor

Usage : Used to provide low resistance parallel joints in solid circular conductor network

Product Code	Conductor Dia mm	Material
JC - 01	8	Gunmetal
JC - 02	8	Aluminium



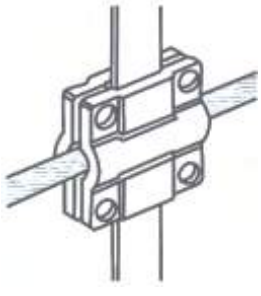
TAPE TO CONDUCTOR SQUARE CLAMP

Material : Gunmetal

Type : Conductor and Tape

Usage : Used to provide low resistance cross joints in solid circular conductor networks

Product Code	Conductor Dia mm	Material
TSC - 01	8	Gunmetal
TSC - 02	8	Aluminium



SPLIT BOLT

Material : Brass and Copper

Type : Conductor

Usage : The split bolt connector accept the wide range of stranded copper conductors. Brass line taps are made with high tensile brass as per BS 2874. Threads are formed by rolling process giving the nut extra clamping force. Pressure pads are made from extruded bars (Not Cast) preventing the pads from cracking. Brass line taps are manufactured in passivated natural brass with electro tinned finish. The are also supplied in high conductive copper

TYPE - 1 SLIT BOLT TABLE

Product Code	Main Conductor A Sq. mm	Tap Conductor B Sq. mm
SBC - 01	10	1.5 - 10
SBC - 02	16	2.5 - 16
SBC - 03	25	2.5 - 25
SBC - 04	35	2.5 - 35
SBC - 05	50	2.5 - 50
SBC - 06	70	2.5 - 70
SBC - 07	95	2.5 - 95
SBC - 08	120	10 - 120
SBC - 09	150	10 - 150
SBC - 10	185	50 - 185
SBC - 11	240	95 - 240


TYPE - 1


TYPE - 2


TYPE - 3


TYPE - 4


TYPE - 5


BIMETALLIC WASHER

MECHANICAL FIXING LUGS (2 & 4 BOLTS)

Product Code	Conductor Size	Bolt Size	Dimensions mm			
		Stud (Hole) Size	Palm Width	Distance between Bolts	Stud Centre Distance	Length of Lugs
FL - 01	16	M8	18	4.5	12.5	12.5
FL - 02	25	M8	18.5	6.5	13	13
FL - 03	35	M12	23	7	15	15
FL - 04	50	M12	23.5	8	16	15
FL - 05	75	M12	26	10	20	14
FL - 06	100	M12	31	13	17	20
FL - 07	120	M15	33	14	10	17
FL - 08	170	M15	36	16	20	18
FL - 09	200	M16	38	18	23	20
FL - 10	250	M16	41	18	25	23
FL - 11	300	M20	46	23	28	25
FL - 12	415	M20	54	25	35	28
FL - 13	700	M20	60	32	34	35

COPPER CONDUCTOR TAPE

INTRODUCTION

The Tape is a vital component of any earthing and lightning protection system.

We offers an extensive range of different types of conductor tapes manufactured in both copper and aluminium which conform to the main British Standard (BS 1432).

There are several important criteria to consider when selecting a conductor tapes.

The conductor must be resilient to the environmental conditions in which it is installed. In particular it should be capable of withstanding mechanical damage and corrosion. It should also be compatible with the material of other connected components.

Secondly, the conductor should have sufficient cross-sectional area to be capable of carrying, without sustaining damage or deterioration, any currents that may reasonable be expected.

COPPER CONDUCTOR RATINGS

Fault current capacities, for one and three second durations, for a wide selection of standard sizes of copper tapes are shown in the table below. These conductor ratings are based upon the recommendations of BS 7430 with an initial conductor temperature of 30°C and a maximum temperature of 250°C.

Tape Size mm	Cross Section Area Sq. mm	Current kA for 1 sec	Current kA for 3 sec
12.5 x 1.5	18.75	3.3	1.9
12.5 x 3	37.5	6.6	3.8
20 x 1.5	30	5.3	3
20 x 3	60	10.6	6.1
25 x 1.5	37.5	6.6	3.8
25 x 3	75	13.2	7.6
25 x 4	100	17.6	10.2
25 x 6	150	26.4	15.2
30 x 3	90	15.8	9.1
30 x 6	150	26.4	15.2
38 x 3	114	20.1	11.6
38 x 5	190	33.4	19.3
38 x 6	228	40.1	23.2
40 x 4	160	28.2	16.3
40 x 6	240	42.2	24.4
50 x 3	150	26.4	15.2
50 x 4	200	35.2	20.3
50 x 6	300	52.8	30.5

Bare Copper Conductor Tapes

BARE COPPER TAPE

Dada Corp Co manufactured high conductivity bare copper tape is used on both lightning protection and earthing application. It is annealed for ease of use and has rediused edges.

Material : Copper to BS EN 13601 (formerly BS 1432)

Product Code	Tape Size mm
BCT - 01	12.5 x 1.5
BCT - 02	12.5 x 3
BCT - 03	20 x 1.5
BCT - 04	20 x 3
BCT - 05	25 x 1.5
BCT - 06	25 x 3
BCT - 07	25 x 4
BCT - 08	25 x 6
BCT - 09	30 x 3
BCT - 10	30 x 6
BCT - 11	38 x 3
BCT - 12	38 x 5
BCT - 13	38 x 6
BCT - 14	40 x 4
BCT - 15	40 x 6
BCT - 16	50 x 3
BCT - 17	50 x 4
BCT - 18	50 x 6

PVC COVERED COPPER TAPE

Dada Corp Co manufactured PVC covered copper tapes are mainly used as down conductors on a building's structural lightning protection system.

Material : Copper to BS EN 13601 (formerly BS 1432). PVC black to BS 5252

Product Code	Tape Size mm
PCT - 01	12.5 x 1.5
PCT - 02	12.5 x 3
PCT - 03	20 x 1.5
PCT - 04	20 x 3
PCT - 05	25 x 1.5
PCT - 06	25 x 3
PCT - 07	25 x 4
PCT - 08	25 x 6
PCT - 09	30 3
PCT - 10	30 x 6
PCT - 11	38 x 3
PCT - 12	38 x 5
PCT - 13	38 x 6
PCT - 14	40 x 4
PCT - 15	40 x 6
PCT - 16	50 x 3
PCT - 17	50 x 4
PCT - 18	50 x 6

TINNED COPPER TAPE

Product Code	Conductor Size mm
TCT - 01	12.5 x 1.5
TCT - 02	25 x 3
TCT - 03	25 x 6
TCT - 04	30 x 2
TCT - 05	31 x 3
TCT - 06	38 x 5
TCT - 07	50 x 6

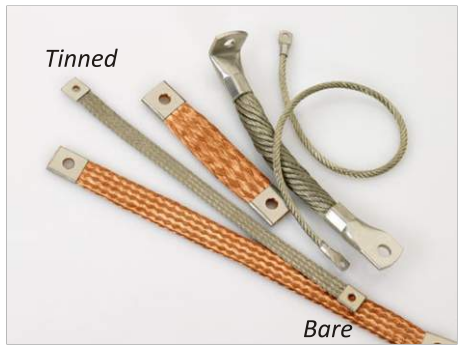
HARD DRAWN COPPER TAPE

Product Code	Conductor Size mm
HCT - 01	25 x 3
HCT - 02	25 x 6
HCT - 03	38 x 6
HCT - 04	50 x 6
HCT - 05	50 x 10
HCT - 06	75 x 6
HCT - 07	100 x 6

FLEXIBLE COPPER BRAID - BARE & TINNED

Raychem RPG manufactured copper braids are utilised as flexible earth bonding leads. Tinned copper braids are utilised as flexible earth bonding leads with additional corrosion.

Product Code Bare	Product Code Tinned	Overall nominal Size Sq mm
BCB - 01	TCB - 01	12 x 1
BCB - 02	TCB - 02	15 x 1.5
BCB - 03	TCB - 03	19 x 2.5
BCB - 04	TCB - 04	32 x 6
BCB - 05	TCB - 05	25 x 3.5



BARE STRANDED COPPER CABLE

Dada Corp Co manufactured bare stranded copper conductor is used on both lightning protection and earthing systems. Available as soft drawn (copper wire that has been heat treated) and hard drawn (copper wire that has not been annealed after drawing).

Product Code	CS area Sq. mm	Stranding No. mm
BSCC - 6	6	7/1.04
BSCC - 16	16	7/1.70
BSCC - 25	25	7/2.14
BSCC - 35	35	7/2.52
BSCC - 50	50	19/1.78
BSCC - 70	70	19/2.14
BSCC - 95	95	19/2.52
BSCC - 120	120	37/2.03
BSCC - 150	150	37/2.25
BSCC - 185	185	37/2.52
BSCC - 240	240	61/2.25
BSCC - 300	300	61/2.52
BSCC - 400	400	61/2.85

BARE ALUMINIUM TAPE

Dada Corp Co manufactured bare aluminium tapes are used on lightning protection system applications. The aluminium is annealed for ease of use and has radiused edges.

Material : Aluminium to Bs2898

Product Code	Conductor Size mm
BAT - 01	12.5 x 1.5
BAT - 02	20 x 3
BAT - 03	25 x 3
BAT - 04	25 x 6
BAT - 05	30 x 3
BAT - 06	40 x 5
BAT - 07	50 x 6

BARE SOLID CONDUCTOR

Dada Corp Co manufactured bare 8mm diameter solid circular copper and solid circular aluminium conductor is used on lightning protection systems. It is annealed for ease of use.

Material : Copper to BS EN 13601 (formerly BS 1433)

Product Code	Dia mm	Cross Sectional Area Sq. mm.	Conductor Material
BSC - 8C	8	50.27	Copper
BSC - 8A	8	50.27	Aluminium

STRIKE PAD

Product Code	Conductor Type	Material Type
SP - 01	Copper	Copper
SP - 02	Aluminum	Aluminum

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DADA CORPORATION

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