



# RATNESWAR METAL

MFG: All Types Of Earthing &  
Lightning Accessories

We Are Leading Manufacturer &  
Exporter of Earthing Accessories  
Products, Brass Components In All  
Sizes & Materials We Are Leading  
Manufacturer & Exporter of  
Earthing Accessories Products



THE MANAGEMENT SYSTEM OF  
RATNESWAR METAL  
KU/218, SHANKAR TEERI, UHLOYOG NAGAR, JAMNAGAR-361004, GUJARAT, INDIA  
has been assessed and found to be in accordance with  
the requirements of standards detailed below

ISO 9001:2015  
QUALITY MANAGEMENT SYSTEM

For the following Scope  
MANUFACTURER OF CABLE GLANDS & EARTHING ACCESSORIES &  
COMPONENTS AND FASTENERS

Further clarifications regarding the scope of the certificate and the  
applicability requirements may be obtained by consulting the organization  
Certificate No : BRIT/9001/2023  
The Certificate is valid from 10/01/2023 until 09/01/2025 and remains valid  
subject to satisfactory surveillance audits on or before 10/01/2023 and  
10/01/2024.

Authorized by

This Certificate remains the property of Brit Qualis and valid for 3 years subject to  
unsatisfactory surveillance audits. Action will be taken if certificate is withdrawn.  
This certificate does not provide the immunity from any legal obligations.  
To check current validity of the certificate visit "www.britqualis.co.uk"



# **INTRODUCTION**

**RATNESWAR METAL** is leading manufacturer of earthing & lightning accessories Like Fasteners, Components , All Alloys Rod And Earthing Materials, For a Wide Range Of Industrial And Commercial Applications, Made From High-Quality Copper, Brass, Stainless Steel,Mild Steel Silicon Bronze, Phosphor Bronze Or Aluminium, These Accessories Come In Various Size To Suit The Application And Withstand Environment Impact.

**Our Principal Client Base Comprise Of Merchants/Wholesalers Of Electrical Item, Electrical Workers For Hire and Installers, Hardware Fabricate, Support Organizations and Government Specialists.**

## **WHY OUR COPMAINY?**

**Throughout the long term, Ratneswar Metal Has Supplied High Quality and Tested Products To Thousand Of Customers In Over 80 Countries. As a Result, The Ratneswar Metal Brand Has Became Synonyms With Quality.**

**Our Goal Is To Provide Each Customer With Products, Systems And Services That Meet The Highest Standards Of Quality To Assure Quality Management Ratneswar Metal Has Achieved An ISO 9001 Certification**

# LIGHTNING ARRESTERS

## TYPE-1 BALL ARRESTER

Rod Dia (mm)	Length Mtr.	Code
14		RM14BA
16	1,2,3	RM16BA
20		RM20BA

Material:- LA & Base Brass Copper Plated



## TYPE-2 SIPKE ARRESTER

Rod Dia (mm)	Length Mtr.	Code
14		RM14SA
16	1,2,3	RM16SA
20		RM20SA

Material:- LA & Base Brass Copper Plated



## TYPE-3 CONVENTIONAL COPPER BONDED ARRESTER

Rod Dia (mm)	Length Mtr.	Code
14		RM14CBA4/RM14CBA5
16	1,2,3	RM16CBA4/RM16CBA5
20		RM20CBA4/RM20CBA5

Material:- Copper Bonded



## COPPER BONDED PIPE ELECTRODE

Pipe Dia (mm)	Length Mtr.	Code
50		RM50CBPE
80	1,2,3	RM80CBPE

Material:- Copper Bonded



## G.I. PIPE ELECTRODE

Pipe Dia (mm)	Length Mtr.	Code
50		RM50GIPE
80	1,2,3	RM80GIPE

Material:- Galvanized Iron



## PVC BASE

Dimension LxWxB	Thread Size (mm)	Code
100x100x6	3/4	RM34PB
	5/8	RM58PB

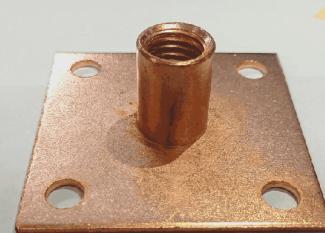
Material:- PVC



## COPPER BONDED BASE PLATE (LIGHT)

Dimension LxWxB	Thread Size (mm)	Code
75x75x2.5	3/4	RM34LB
	5/8	RM58LB

Material:- M.S. Copper Plated



## COPPER BONDED BASE PLATE (HEAVY)

Dimension LxWxB	Thread Size (mm)	Code
75x75x6	3/4	RM34HB
	5/8	RM58HB

Material:- M.S. Copper Plated



## BASE

Dimension LxWxB	Thread Size (mm)	Code
75x75	3/4	RM34HB
	5/8	RM58HB

Material:- Brass Copper Plated



## MULTIPLE FUNCTION AIR TERMINAL BASE

Copper Flat Size(mm)	Thread Size (mm)	Conductor Size(mm sq.)	Code
25x3	3/4	35-50	RM34MFB35
25x3	3/4	70-95	RM34MFB70
25x3	5/8	35-50	RM58MFB35
25x3	5/8	70-95	RM58MFB70

Material:- M.S. Copper Plated



# COPPER BONDED EARTH ROD

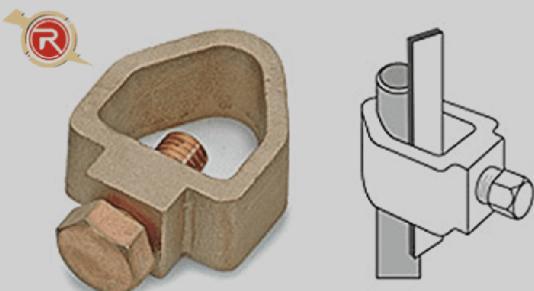
Rod Dia (mm)	Length Mtr.	Code
14		RM14CB
16		RM16CB
17	1,2,3	RM17CB
20		RM20CB
25		RM25CB



Material:- Copper Bonded

## ROD TO TAPE CLAMP - TYPE 'A'

Rod Dia (mm)	Tape Size (mm)	Code
16	25x3	RM16CA253
17	50x6	RM17CA506



## ROD TO TAPE CLAMP - TYPE 'G'

Rod Dia (mm)	Code
16	RM16CG253
17	RM17CG506



Material:- Gunmetal & Brass

## O-CLAMP

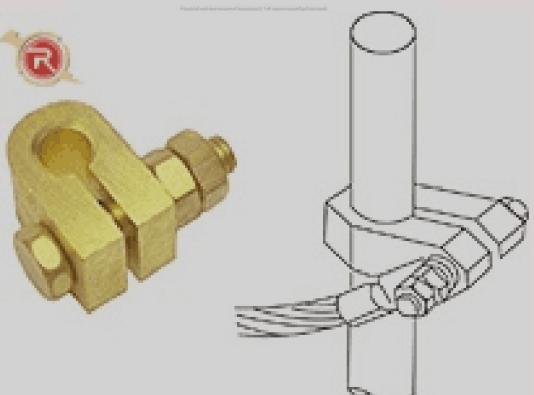
Rod Dia (mm)	Code
16	RM34OC
17	RM58OC



Material:- Gunmetal & Brass

## SPLIT CONNECTOR CLAMP - TYPE 'B'

Rod Dia (mm)	Code
14	RM14SC0B
17	RM17SC0B



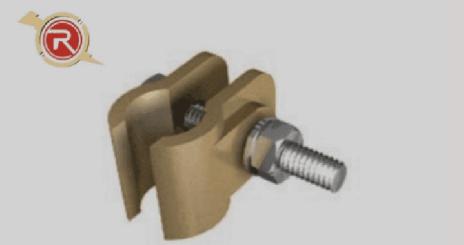
Material:- Gunmetal & Brass

# SPILT CONNECTOR CLAMP - TYPE 'B' (ADJUSTABLE)

Rod Dia (mm)      Code  
14                  RM14SBA

16-20              RM16SBA20

Material:- Gunmetal & Brass



## U-BOLT TYPE- 'E' (SINGLE PLATE)

Rod Dia (mm)      Code  
14-16              RM14UB16

17-20              RM17UB20

Material:- Gunmetal & Brass



## U-BOLT TYPE- 'E' WITH DOUBLE PLATE

Rod Dia (mm)      Tape Size (mm)      Code  
14-16              25x3                  RM16UBD16

17-20              25x6                  RM17YBD20

Material:- Gunmetal & Brass



## S.S U-BOLT

Rod Dia (mm)      Code  
14-16              RM14UB16SS

17-20              RM17YB20SS

Material:- Stainless Steel



## U-BOLT ROD CLAMPS

Rod Dia (mm)      Conductor Size (mm sq.)      Code  
14-20              16-185                  RM14GUV20

16-20              120-300                  RM16GUV20

Material:- Gunmetal & Brass



## U-BOLT ROD CLAMPS 3 CONDUCTER TYP

Rod Dia (mm)      Conductor Size (mm sq.)      Code  
12.5-16            50-70                  RM12.5UB03

16-20              50-95                  RM16UB03

Material:- Gunmetal & Brass



## LIGHT-WEIGHT EARTH PIT

Size                      Code  
300x300 RM0LWEP300

Material:- PVC



## WATERMAIN PIPE BOND

Tape Size (mm)      Code  
25                      RM25WPB

Material:- Gunmetal & Brass



## RWP BOND

Tape Size (mm)      Code  
25                      RM25RWP0B

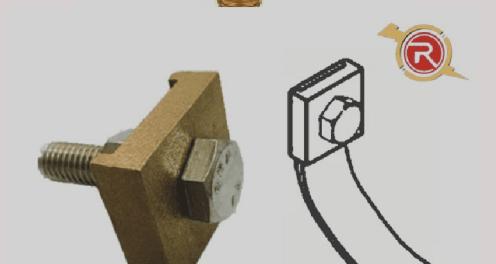
Material:- Gunmetal & Brass



## B-BOND

Tape Size (mm)      Code  
25                      RM25BBB

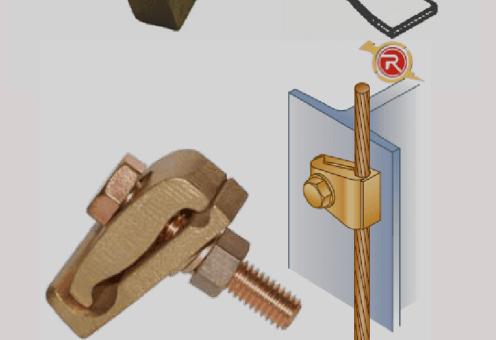
Material:- Gunmetal & Brass



## TOWER EARTH BOND WITH PLATE

Conductor Size (mm sq.)      Code  
16-35                      RM16TEB35P  
95-120                      RM95TEB120P

Material:- Gunmetal & Brass



## TOWER EARTH BOND WITHOUT PLATE

Conductor Size (mm sq.)      Code  
16-35                      RM16TEB35  
95-120                      RM95TEB120

Material:- Gunmetal & Brass



## REBAR CLAMP

Conductor Dia (mm)	Rebar Dia (mm)	Code
8	8-38	RM08RBC

Material:- Gunmetal & Brass

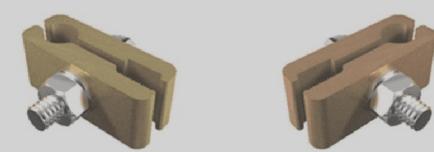




# TOWER EARTH BOND DIRECT CLAMPING TYPE

Tape Size (mm)	Code
16-35	RM16TEB35DCT
95-120	RM95TEB120DCT

Material:- Gunmetal & Brass



# AIR TERMINAL ROD

Rod Dia (mm)	Code
14	RM14ATR
17	RM17ATR

Material:- Pure Copper



# AIR TERMINAL BASE

Therad Dia (inch)	Max. Tape Size (mm)	Code
5/8	25x6	RM58ATB256
3/4	25x6	RM34ATB256

Material:- Gunmetal & Brass

# SQUARE CLAMP WITH COMBINATION

Conductor Size (mm sq.)	Tape Size (mm)	Code
8	25x3	RM8SC253C
10	30x3	RM10SC303C



Material:- Gunmetal & Brass

# COUPLERS

Therad Size (mm)	Code
3/4	RM34CU
5/8	RM58CU



Material:- Gunmetal & Brass

# TAPE CILP WITH & WITHOUT BASE

Tape Size (mm)	Code
25x3	RM253TC
25x6	RM256TC
30x3	RM303TC
30x6	RM306TC
50x3	RM503TC
50x6	RM506TC

Material:- Aluminium,Copper & Brass



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## D.C. TAPE CILP

Tape Size (mm)	Code
25x3	RM253DCTC
25x6	RM256DCTC
30x3	RM303DCTC
30x6	RM306DCTC
50x3	RM503DCTC
50x6	RM506DCTC

Material:- Gunmetal & Brass



## SQUARE TAPE CLAMP

Tape Size (mm)	Code
25x3	RM253STC
25x6	RM256STC
30x3	RM303STC
30x6	RM306STC
50x3	RM503STC
50x6	RM506STC

Material:- Gunmetal & Brass

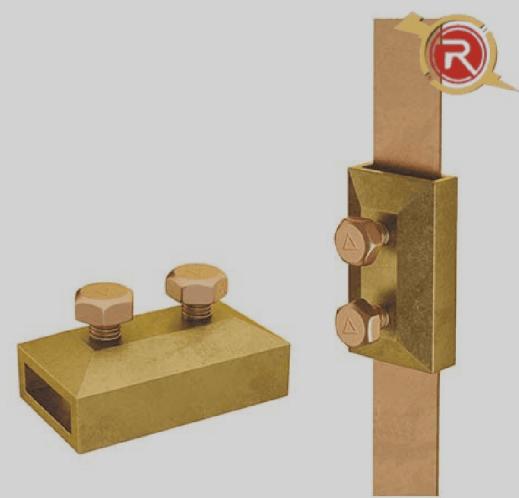


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# OBLONG TEST CLAMP

Tape Size (mm)	Code
20x3	RM203OTC
25x3	RM253OTC
30x3	RM303OTC
50x3	RM503OTC
50x6	RM506OTC

Material:- Gunmetal & Brass



# PLATE TEST CLAMP

Tape Size (mm)	Code
20x3	RM203PTC
25x3	RM253PTC
30x3	RM303PTC
50x3	RM503PTC
50x6	RM506PTC

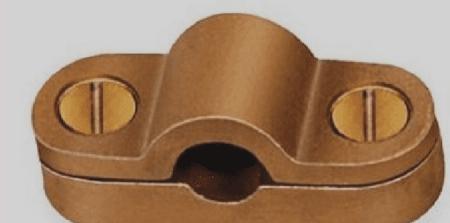
Material:- Gunmetal & Brass



# HEAVY DUTY CONDUCTOR

Conductor Size (mm sq.)	Code
8	RM8HDC
10	RM10HDC

Material:- Gunmetal & Brass



# SQUARE CLAMP

Conductor Size (mm sq.)	Code
8	RM8SC
10	RM10SC

Material:- Gunmetal & Brass



# TEE CLAMP

Conductor Size (mm sq.)	Code
8	RM8TC
10	RM10TC

Material:- Gunmetal & Brass



# EARTH BONDING POINTS



No. Of Holes      Code  
1,2,4      RM1EBP4

Material:- High Copper & Gunmetal

## SOLID COPPER EARTH PLATE

Size (mm)	Code
600x600x1.5	RM66SEP5
600x600x3	RM66SEP3
900x900x1.5	RM99SEP5
900x900x3	RM99SEP3

Material:- Pure Copper & Copper Bonded

## SOLID COPPER LATTICE MATES

Size (mm)	Code
600x600x3	RM66SLM3
900x900x3	RM99SLM3

Material:- Pure Copper & Copper Bonded

## SPILT BOLT CONNECTORS

Conductor Size (mm sq.)	Code
10	RM10SBC
16	RM16SBC
25	RM25SBC
35	RM35SBC
50	RM50SBC
70	RM70SBC
95	RM95SBC
120	RM12SBC
150	RM15SBC
185	RM18SBC
240	RM24SBC

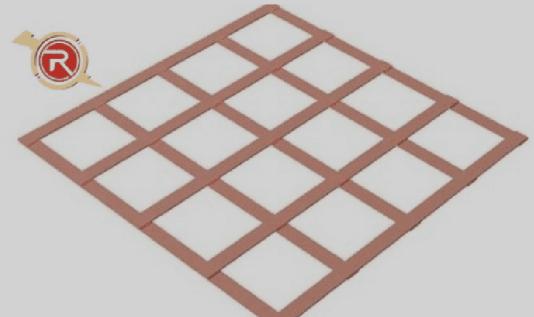
Material:- Brass, Gunmetal & Pure Copper



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# CROSS CLAMP FOR ABOVE & UNDERGROUND CONNECTION

## TYPE-1 WITH INTERMEDIATE PLATE

Dimension LxWxB	Rod Size (mm)	Tape Size(mm)	Code
60x60x3	8-10	30x3	RM603CRCP
60x60x4	8-10	40x3	RM604CRCP

Material:- Stainless Steel



## TYPE-2 WITHOUT INTERMEDIATE PLATE

Dimension LxWxB	Rod Size (mm)	Tape Size(mm)	Code
60x60x3	8-10	30x3	RM603CRC
60x60x4	8-10	40x3	RM604CRC

Material:- Stainless Steel



## TYPE-3 WITH INTERMEDIATE PLATE

Dimension LxWxB	Rod Size (mm)	Tape Size(mm)	Code
70x70x3	8-10	30x3	RM703CRC33P
70x70x3	8-10	40x3	RM703CRC43P
70x70x4	8-10	30x6	RM704CRC36P
70x70x4	8-10	40x6	RM704CRC46P

Material:- Stainless Steel



## TYPE-4 WITHOUT INTERMEDIATE PLATE

Dimension LxWxB	Rod Size (mm)	Tape Size(mm)	Code
70x70x3	8-10	30x3	RM703CRC33
70x70x3	8-10	40x3	RM703CRC43
70x70x4	8-10	30x6	RM704CRC36
70x70x4	8-10	40x6	RM704CRC46

Material:- Stainless Steel



## CROSS CLAMP FOR ABOVE

### TYPE-1 WITHOUT INTERMEDIATE PLATE

Dimension LxWxB Rod/Rod Size (mm) Code

50x50x2.5 8-10 RM502CCA

Material:- Stainless Steel



### TYPE-2 WITH INTERMEDIATE PLATE

Dimension LxWxB Rod/Rod Size (mm) Code

50x50x2.5 8-10 RM502CCAP

Material:- Stainless Steel



## ROD TO CONDUCTOR CLAMPS

### TYPE-1

Dimension LxWxB Rod/Rod Size (mm) Code

75x75x5 8-12.5/40 RM755RCC

Material:- Stainless Steel



### TYPE-2

Dimension LxWxB Rod/Rod Size (mm) Code

70x70x3 8-12.5/40 RM703RCC

Material:- Stainless Steel



## UNIVERSAL CLAMPS

Rod Dia (mm) Code

17 RM17UC

20 RM20UC

25 RM25UC

Material:- Galvanized Iron & stainless Steel



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# TEST JIONT (DISCONNECTING CLAMP)

## TYPE-1 WITH INTERMEDIATE PLATE

Dimension LxWxB   Rod/Rod Size (mm)   Code  
30x58x2.5      8-10/8-10      RM352TDCP

Material:- Stainless Steel



## TYPE-2 WITHOUT INTERMEDIATE PLATE

Dimension LxWxB   Rod/Rod Size (mm)   Code  
30x58x2.5      8-10      RM352TDC

Material:- Stainless Steel



## TYPE-3 WITH INTERMEDIATE PLATE

Dimension LxWxB   Rod/Rod Size (mm)   Tape Size(mm)   Code  
30x58x2.5      8-10      25x3      RM352TDCP

Material:- Stainless Steel



## TYPE-4 WITHOUT INTERMEDIATE PLATE

Dimension LxWxB   Rod/Rod Size (mm)   Code  
30x58x2.5      8-10      RM352TDC

Material:- Stainless Steel



# ROOF CONDUCTOR HOLDER FOR FLAT ROOFS

Conductor Size (mm sq.)   Code  
8-10      RM10RCP

Material:- PVC



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## SADDLE CLAMP WITH ENLARGED CONTACT SURFACE

Clamping Range (mm)   Clamping Rod Dia (mm)   Code  
0.7-8      6-10      RM78SDC61

Material:- Stainless Steel & Aluminium

## T - CONNECTOR

Clamping Rod Dia (mm)      Code

8-10      RM8TCN

Material:- Stainless Steel & Aluminium

## MULTIPURPOSE CONNECTING CLAMP

Clamping Rod Dia (mm)      Code

8-10      RM81MPC

Material:- Stainless Steel, Aluminium & Copper Plated

## PARALLEL CONNECTING CLAMP

Clamping Rod Dia (mm)      Code

8-10      RM71PCC

Material:- Stainless Steel & Zinc Plated

## PIPE CONNECTING SLEEVES

Clamping Rod Dia (mm)      Code

8-10      RM8PCS

Material:- Stainless Steel

## CONDUCTOR HOLDER WITH SADDLE CLAMP

Clamping Rod Dia (mm)      Code

8-10      RM71CHS

Material:- Stainless Steel & Copper Plated

## ROOF CONDUCTOR HOLDER

Conductor Size (mm sq.)      Code

8-10      RM8RCH

Material:- Stainless Steel

## FLAT ROOF CONDUCTOR HOLDER

Conductor Size (mm sq.)      Code

8-10      RM8FRCH

Material:- Stainless Steel



# ROOF CONNECTOR WITH STANDING SEAM

Clamping Rod Dia (mm)      Code

8-10      RM78RCSS

Material:- Stainless Steel & Aluminium



## JOINTING CLAMPS

Conductor Size (mm sq.)      Code

8-10      RM8JC

Material:- Stainless Steel & Gunmetal



## DRIVING HEADS

Description      Code

M10      RM10DH

M12      RM12DH

Material:- Stainless Steel & Mild Steel



## COUPLING DOWEL

Description      Code

M10      RM10CD

Material:- Brass & Mild Steel



## DRIVING SPIKES

Description      Code

M10      RM10DS

M12      RM12DS

Material:- Stainless Steel & Mild Steel





# RATNEWAR METAL

## Jamnagar (Gujarat) INDIA

Marketed By:-

TIRUPATI  
INTERNATIONAL



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**Factory & Office Address -North Nibra Domjur,  
Howrah-711409 (west Bengal)**

**MARKETING IN: West Bengal, Assam, Odisha,  
Jharkhand & Bihar**

**Note: All Products Are Available In Different Materials & size.**

**Requested Earthing & Lightning Products Are Also Available With  
Your Concerned Size & Material**