



Single Tension Compression Hardware With Line Side Pipe Type Arcing Horn

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MM Powerline Transmission is one of the leading manufacturer and supplier of Single Tension Compression Hardware.

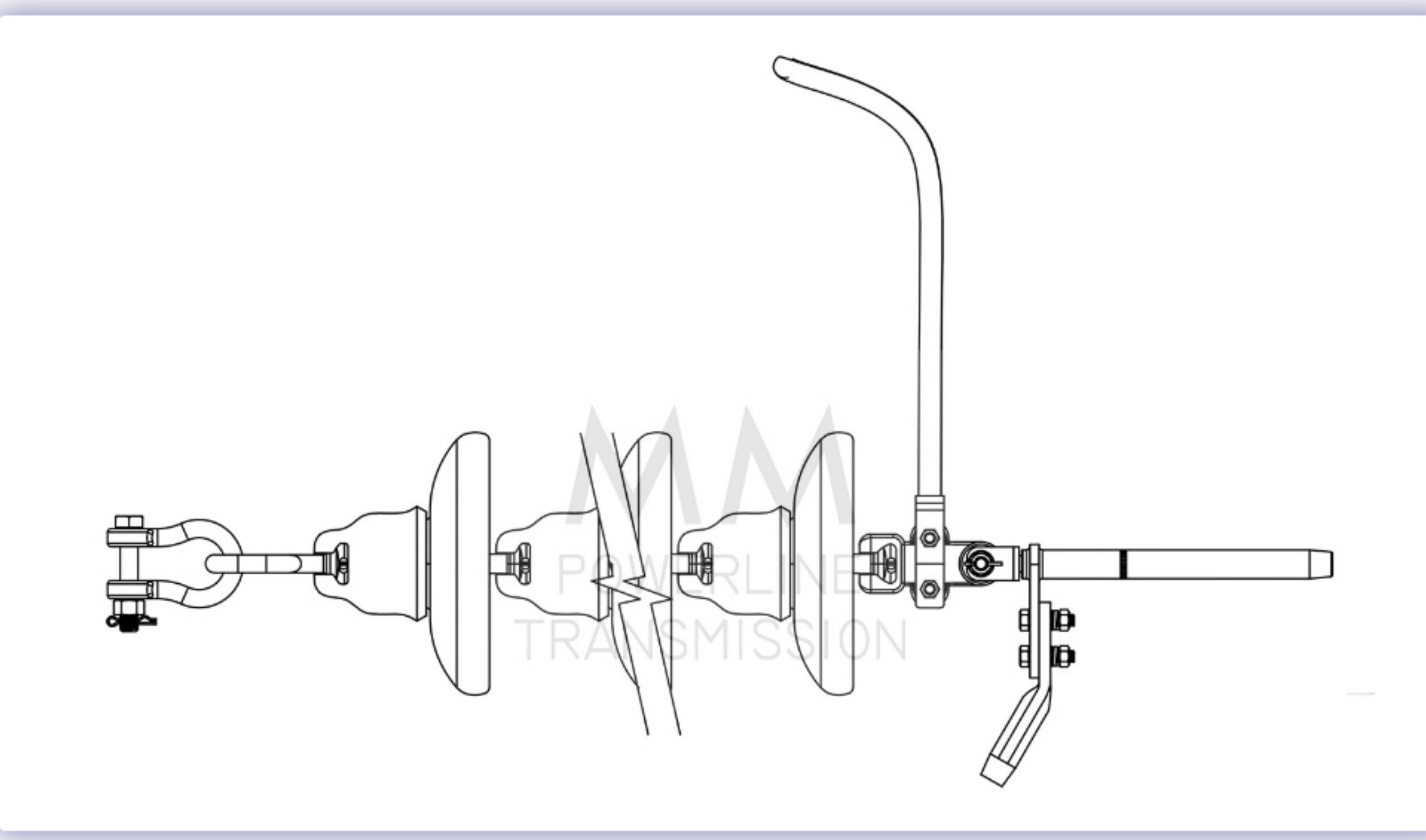
Arcing horns provide a path for flashover to occur that bypasses the surface of the protected device. Horns are normally paired on either side of an insulator, one connected to the high voltage part and the other to ground, or at the breaking point of a switch contact.

Single Tension Compression Hardware can be used for Overhead Lines and Substations and can achieve the highest breaking load, using Compression connection techniques.

Compression Hardware ensures proper connection/fitting. It helps in reducing power loss, hence increasing the electrical conductivity. These are rust free, having longer life than Bolted type, and are light in weight.

In case of any fault/damage, only the damaged portion is required to change.

Single Tension Compression Hardware are easy to install.



BOM

SL. NO	DESCRIPTION	QTY	MATERIAL
1	ANCHOR SHACKLE	1 NOS	F.S, HDG
2	BALL LINK H.H.	1 NOS	F.S, HDG
3	SOCKET EYE H.H.	1 NOS	F.S, HDG
4	TENSION CLAMP & JUMPER	1 SET	EXTRUDED ALUMINIUM
5	STEEL SLEEVE	1 SET	F.S., HDG
6	M16 HEX BOLT, NUT, ROUND & SP. WASHER	2 SETS	M.S., HDG
7	SPLIT PIN	2 NOS	S.S.
8	R-CLIP	1 NOS	S.S.
9	M12 HEX BOLT, NUT, ROUND & SP. WASHER	2 SETS	M.S., HDG
10	ARCING HORN ROD TYPE	1 NOS	F.S., HDG
11	M12 HEX BOLT, NUT	2 SETS	M.S., HDG

TECHNICAL DATA

1. U.T.S. OF HARDWARE FITTING : 90 KN.
2. SLIP/MECHANICAL STRENGTH OF TENSION CLAMP : 95% OF UTS OF THE CONDUCTOR
3. BALL & SOCKET DESIGNATION : 16MM. AS PER I.S.: 2486, PART-II.
4. SPECN. TO WHICH H/W FITTING CONFORM – I.S.: 2486, PART-I.
5. ALL FERROUS PARTS (EXCEPT SPRING WASHER) SHALL BE HOT DIP GALVANISED CONFORMING TO I.S.: 2633 AND SPRING WASHER ELECTRO GALVANISED CONFORMING TO IS:1573, SERVICE COND. III
6. GENERAL TOLERANCE : ±3%.
7. ALL DIMENSION ARE IN MM.
8. TOLERANCE IN TOTAL LENGTH OF HARDWARE FITTING ±2%.
9. ELECTRICAL RESISTANCE OF TENSION CLAMP – NOT MORE THAN 75% OF
10. MEASURED RESISTANCE OF EQUIVALENT LENGTH OF THE CONDUCTOR

AVAILABLE FOR THE FOLLOWING CONDUCTORS

For ACSR

SL. NO	ACSR CODE	CONDUCTOR DIA.
1	RACCOON	12.27
2	DOG	14.15
3	LEOPARD	15.84
4	COYOTE	15.86
5	TIGER	16.52
6	WOLF	18.13
7	ORIOLE	18.82
8	LYNX	19.53
9	LARK	20.47
10	PANTHER	21.00
11	LION	22.26
12	BEAR	23.45
13	GROSBKAK	25.16
14	TEAL	25.24
15	GOAT	25.97
16	ANTELOPE	26.73
17	KUNDAH	26.80
18	SHEEP	27.93
19	DRAKE	28.14
20	ZEBRA	28.62
21	DEER	29.89
22	CAMEL	30.15
23	ELK	31.50
24	MORKULLA	31.68
25	MOOSE	31.77
26	BERSIMIS	35.05

For AAAC

SL. NO	AAAC	CONDUCTOR DIA.
1	RABBIT	9.30
2	DOG	12.78
3	PANTHER	19.70
4	PANTHER-UP	22.05
5	YEW	25.97
6	ZEBRA	28.00
7	ZEBRA-UP	29.79

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