

**ALUMINIUM - ALLOY FITTINGS, EXTRUDED TUBES & SECTIONS**

<b>Reference Drawings</b>	<b>Railway Identification No.</b>	<b>Description of Fitting</b>
ETI/OHE/P/1540 Rev-D	1541	Bi-metallic Parallel Clamp Part (10/20)
ETI/OHE/P/1550 Rev-E	1551	Parallel Clamp (20/20)
ETI/OHE/P/1560 Rev-D	1561	Bi-metallic Parallel Clamp Part (15/20)
ETI/OHE/P/1580 Rev-F (Sheet-1)	1581, 1582	Large suspension clamp 20 mm
	1580 Ref.10	Flat Armour Tape (1.27 x 7.62 x 8250 Approx)
	1580 Ref.11	Armour Tape Ferrule
ETI/OHE/P/1580 Sh.2	1580 (Ref-10)	Armour rod (1.0 m long)
ETI/OHE/P/1600 Rev-C	1602	Keepar Piece
ETI/OHE/P/1610-1	1610-1	Compression Joint
ETI/OHE/P/1640	1640/1641-1	Repair sleeve for SPIDER(Compression type)
ETI/OHE/P/2064-1 Rev-A	2064-1	Tube Cap (30 mm)
ETI/OHE/P/2104-1 Rev-A	2104-1	Tube Cap (40 mm)
ETI/OHE/P/2423-1 Rev-A	2423-1	Tube Cap (25mm)
ETI/OHE/P/2550-1/2 Rev-L	2551-1	Standard Anti Wind Clamp Part
ETI/PSI/P/6480 Rev-C	6481 & 6482	36 mm Aluminium Bus terminal for 25 kV Isolator (Rigid type)
ETI/PSI/P/6480-1 Rev-A	6481 & 6482	Expansion type Terminal Connector suitable for 36 mm Aluminium Tubular Bus Bar to suit 25 kV Isolator terminal pad
ETI/PSI/P/6490 Rev-B	6491 & 6482	36 mm Aluminium Bus Splice
ETI/PSI/P/6500 Rev-C	6501 & 6482	36 mm Aluminium Bus Tee Connector
ETI/PSI/P/6510 Rev-D	6511 & 6482	36 mm Aluminium Bus Tee Terminal
ETI/PSI/P/6520 Rev-B	6521, 6482 & 6523	36/15 mm Tap Connector
ETI/PSI/P/6530 Rev-C	6531, 6482 & 6592	36/20 mm Terminal Connector
ETI/PSI/P/6550 Rev-B	6551, 6482-1, 6552& 6553	36/20 mm Aluminum Flexible Bus Splice
ETI/PSI/P/6560 Rev-B	6561& 6482	36 mm Aluminum Bus Splice cum Tee Connector
ETI/PSI/P/6570 Rev-F	6481, 6841, 6482 & 6842	Flexible Connector for 25 kV CB, 25 kV Interrupter & 25 kV side of 13.5/20 MVA Traction Transformer
ETI/PSI/P/6580 Rev-B	6581,6482 & 6592	36/20 mm Tap Connector
ETI/PSI/P/6590 Rev-B	6591& 6592	20 mm Aluminium Bus Bar Tee Connector
ETI/PSI/P/6800 Rev-F	6831, 6841, 6592 & 6842	Bimetallic Terminal Connector for 30 mm Copper Terminal stud and 20 mm 'SPIDER' AAC (For 132 kV side of 13.5/20 MVA Traction Power Transformer. 132 kV CT & 132 kV PT)
ETI/PSI/P/6830 Rev-F	6831 & 6592	Terminal Connector suitable for 20 mm 'SPIDER' AAC with Terminal Pad of 132 kV Isolator &132 kV CB & 25 kV PT Type I & II.
ETI/PSI/P/6830-1 Rev-D	6831 & 6592	Terminal connector for aluminum conductors (Bolted type).
ETI/PSI/P/6850 Rev-D	6851, 6482 & 6481	Flexible Bimetallic Terminal Connector assembly for 25 kV/100 kVA Booster Transformers
ETI/PSI/P/6860 Rev-C	6841, 6481, 6842 & 6482	Rigid & flexible bi-metallic Terminal Connector for 25 kV Current Transformer

ETI/PSI/P/11010 Rev-C	11011 & 11012	Bimetallic Terminal connector to suit 'ZEBRA' ACSR conductor and 30 dia copper stud of CT/CB/traction power transformer.
ETI/PSI/P/11020 Rev-E	11021,11022,11023 & 11024	Details of expansion bimetallic terminal connectors suitable for 50 dia Aluminum tubular bus bar to 60 dia copper copper stud of 25 kV CT.
ETI/PSI/P/11030 Rev-C	11031 & 11032	Bimetallic terminal connector to suit "ZEBRA" (28.58 dia) ACSR conductor and aluminum/copper pad of Isolator/CT/BT (for 220 kV system).
ETI/PSI/P/11040 Rev-C	11041 &11042	Tee connector to suit" ZEBRA" (28.58 dia) ACSR conductor on both ways for (220 kV system).
ETI/PSI/P/11050 Rev-C	11051 & 11052	Rigid connector on S.I. to suit "ZEBRA" (28.58 Dia) ACSR conductor (for 220 kV system).
ETI/PSI/P/11060 Rev-E	11061, 11062 & 11063	Details of expansion type terminal connector to suit 50dia Aluminum tubular bus bar to terminal pad of 25 kV CT/isolator/CB and interrupter.
ETI/PSI/P/11070 Rev-B	11071	RIGID Type Bimetallic Terminal Connector suitable for 50 dia. Aluminium Tubular busbar to suit 30 dia Copper Stud of 25 kV CT.
ETI/PSI/P/11080 Rev-B	11081	RIGID Type Terminal Connector suitable for 50 diaAluminium Tubular Busbar to suit 60 dia Copper Stud of 25 kV CT.
ETI/PSI/P/11080 Rev-B	11081, 11082 & 11083	RIGID Type Terminal Connector suitable for 50 diaAluminium Tubular Busbar to suit 60 dia Copper Stud of 25 kV CT.
ETI/PSI/P/11090 Rev-C	11091 & 11092	Rigid type bimetallic connector suitable for 50 dia aluminum tubular bus bar to terminal pad of 25 kV isolator/CT.
ETI/PSI/P/11100 Rev-E	11101, 11102, 11103 & 11104	Details of expansion type bimetallic terminal connector suitable for 50 dia aluminum tubular bus bar to suit 30 dia copper studs of 25 kV CT/BT/ Traction power transformer.
ETI/PSI/P/11110 Rev-C	11111, 11112 & 11113	Rigid through connector to suit 50 dia aluminum tubular bus bar and "SPIDER" AAC conductor for 25 kV PT type II.
ETI/PSI/P/11120 Rev-C	11121 & 11122	Detail of rigid terminal connector suitable for 20 dia aluminum conductor to terminal pad of 25 kV PT type-I and type-II.
ETI/PSI/P/11130 Rev-B	11131,11132 ,11133	Inter connector suitable for 50 O/D aluminum tube and "SPIDER" AAC conductor (for 25 kV PT type-I).
ETI/PSI/P/11140 Rev-B	11141 ,11142 ,11143	Tee connector to suit 50 O/D aluminum tube and "SPIDER" AAC conductor (for 25 kV systems).
ETI/PSI/P/11150 Rev-B	11151 & 11152	25 kV System Tee connector to suit 50 O/D aluminum Bus Bar to suit 50 O/D aluminum tubular Bus Bar
ETI/PSI/P/11160 Rev-B	11161, 11162 & 11163	Tee connector to suit 50 O/D aluminum tube to 36 O/Aluminum tube (for 25 kV systems).
ETI/PSI/P/11170 Rev-C	11171,11172 &11173	Tee connector to suit 50 O/D aluminum bus bar and 15 O/D cadmium catenary (for 25 kV systems).
ETI/PSI/P/11180 Rev-B	11181 & 11182	Rigid bus splices connector to 50 O/D aluminum tube on both ways (for 25 kV systems).

ETI/PSI/P/11190 Rev-C	11191	Sliding clamp for 50 mm O/D aluminum bus bar (For 25 kV systems).
ETI/PSI/P/11200 Rev-C	11201	Rigid type connector on S.I. to suit 50 O/D aluminum bus bar (for 25 kV systems).
ETI/PSI/P/11210 Rev-D	11211,11212 & 11213	Expansion bus coupler on S.I. to 50 O/D aluminum tube (for 25 kV systems).
ETI/PSI/P/11220 Rev-D	11221,11222, 11223 & 11224	Expansion type Terminal Connector for 25 kV, 60 mm Dia Terminal for Traction Power transformer.
ETI/PSI/P/11230 Rev-C	11231, 11232, 11233 & 11234	Expansion type Terminal Connector for 25 kV 30 mm Dia Terminal for Traction Power Transformer
ETI/PSI/P/11240 Rev-C	11241,11242 & 11243	Tee connector to suit 36 mm O/D aluminum bus bar to 50 mm O/D aluminum bus bar.
ETI/OHE/SK/123 Rev-D	Al-123	Bi-metallic Parallel Clamp (Without Bi-metallic Strip)
ETI/OHE/SK/130 Rev-D	Al-130	Aluminium Alloy Catenary Dropper Clip
ETI/OHE/SK/134 Rev-D	Al-134, Al-134-1, Al-134-2 & Al-134-3	Aluminium Catenary Splice
ETI/OHE/SK/231 Rev-C	Al-231	Parallel Groove Clamp (18/14)
ETI/OHE/SK/333 Rev-D	Ref.- (5) of the Drawing	Aluminium Copper Bi-metallic Washer
ETI/OHE/SK/436 Rev-B	As an alternative to RI No. SK-436 and 7050	Envelope type end fitting assembly for All Aluminium alloy stranded catenary wire (size 19/2.79 mm)
<b>ALLUMINIUM ALLOY EXTRUDED TUBES &amp; SECTIONS</b>		
<b>{RDSO SPECIFICATION NUMBER ETI/OHE/21 (9/74)}</b>		
ETI/OHE/P/2520 Rev-B	2521	Normal Bent Steady Arm Tube (40/30)
ETI/OHE/P/2540 Rev-B	2544-1, 2544-2, 2544-3 & 2544-4	BFB Steady Arm Part
ETI/OHE/P/2541-1	2544-9/1,2544-9/2, 2544-9/3,	BFB Steady Arm Part
ETI/OHE/P/2390 Rev-B	2544-5, 2544-6, 2544-7 & 2544-8	BFB Steady Arm Part
IS-5082 (Alluminium Alloy to Grade in WP condition) and IS-2673 (Accuracy Class)	-	Alluminium Tubular Bus-Bar of Sizes 50 x 39, 36 x 30 & 36 x 28
ETI/OHE/SK/534 Rev-C	SK-534	Parallel clamp (large) compression type.
ETI/OHE/SK/535 Rev-B	SK-535	Jumper clamp (large) compression type.
ETI/OHE/SK/575 Rev-A	SK-575	Parallel clamp (small) compression type.
ETI/OHE/SK/576 Rev-A	SK-576	Jumper clamp (small) compression type.