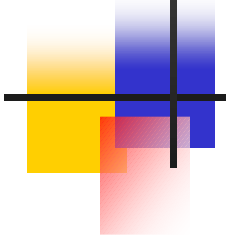
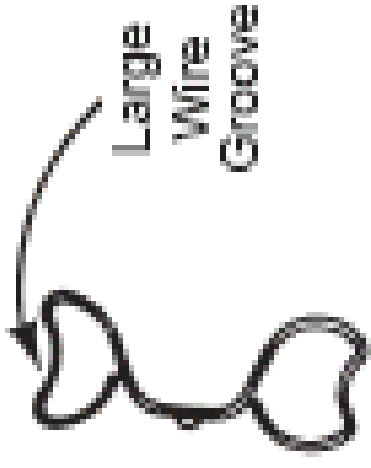


Annexure – 1A

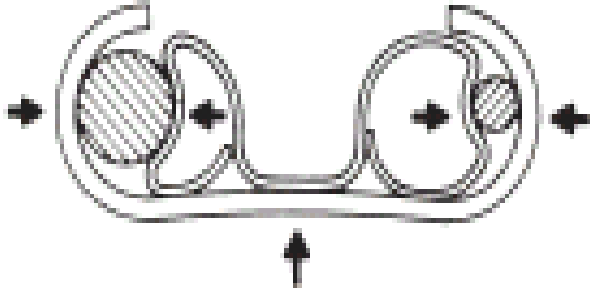
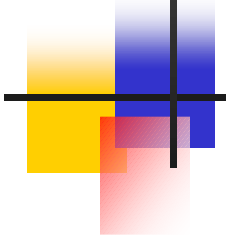
TYPICAL INSTALLATION PROCEDURE OF WEDGE TYPE CONNECTORS



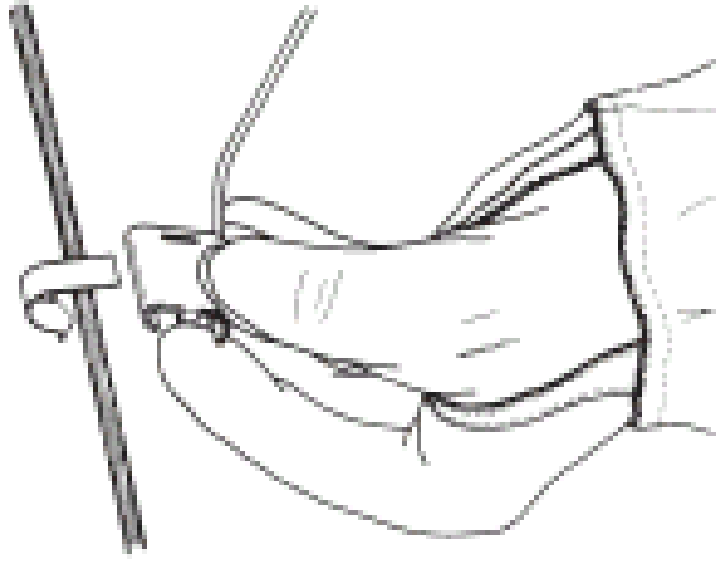
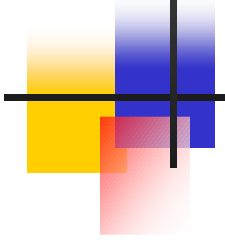
"C" component configuration before application



"Wedge" component configuration before application

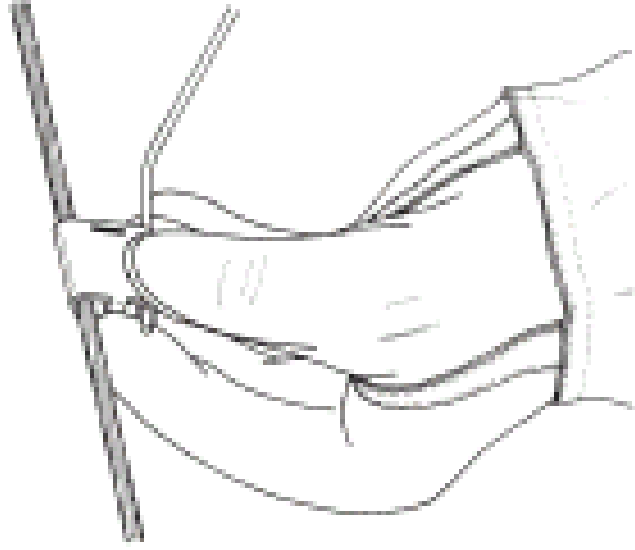
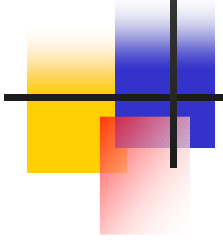


Once applied, the double spring action exerted by the "C" and the "Wedge" components maintain a permanent contact force, providing a safe and efficient electrical connection



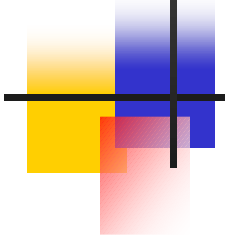
1

Place the service entrance conductor in the lower groove of the "C" component.



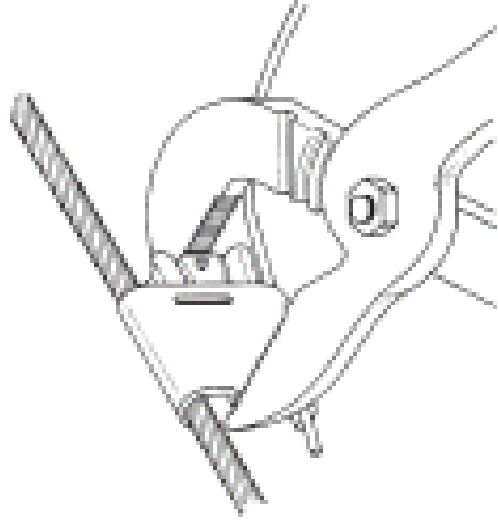
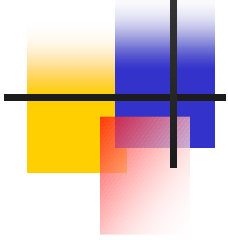
2

Hook the "C" component along with the service entrance conductor over the main conductor while holding the assembly firmly by hand.



3

Adjust and gently push the "Wedge" component between the conductors with the fingers, making sure the clip is facing the correct direction (i.e., toward the window opening of the "C" component).



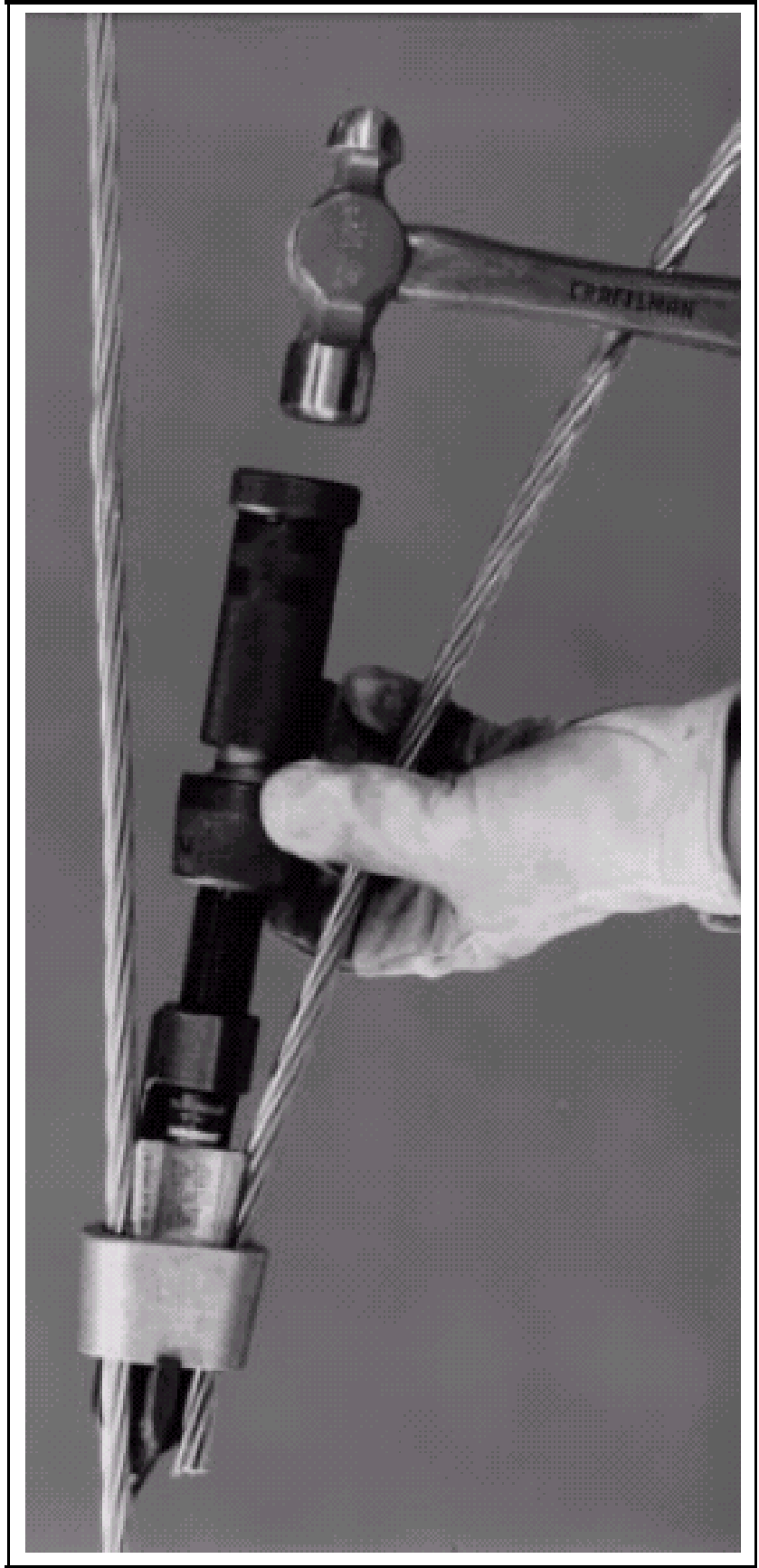
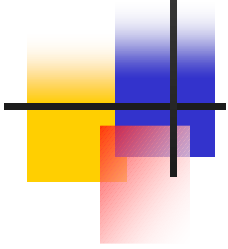
4

Complete the connection using parallel jaw pliers.



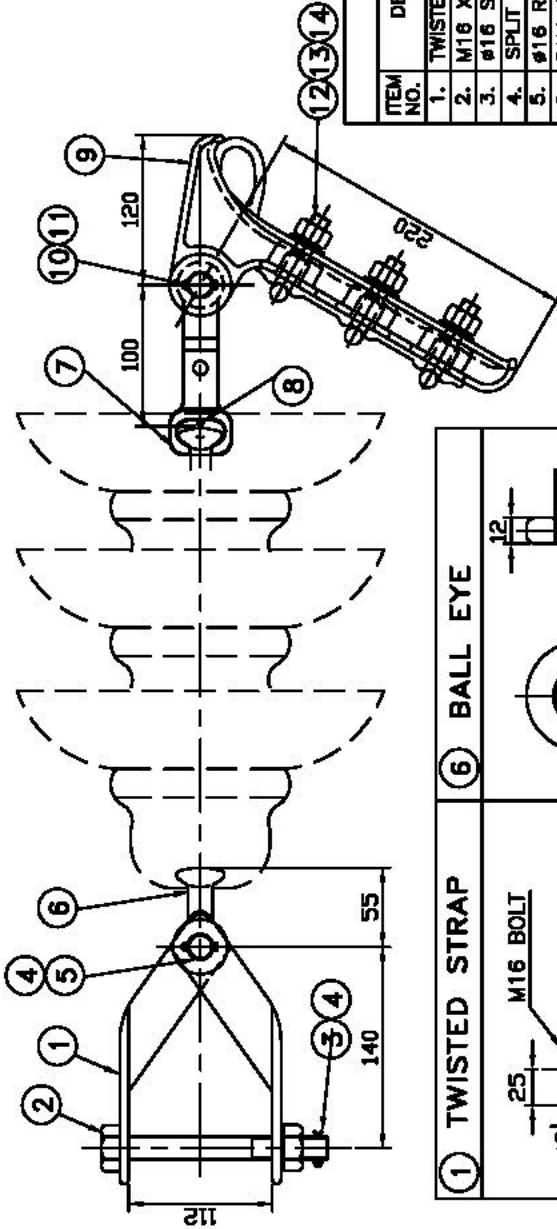
APPLICATION RANGE

- **Can be used up to 120 sq mm size conductors**
- **For higher sizes and high current application cartridge fired connectors (based on plastic deformation concept) are more suitable.**
- **Presently IS-5561 “Electric Power Connectors” deals with connectors for current above 200 amps and as such only International Standards can fill the gap.**



*** TECHNICAL DATA ***

1. SPECIFICATION AS PER I.S.: 2486.
2. BALL & SOCKET DESIGNATION : 16 mm. & 18 mm. 'B' AS PER I.S:2486, PART II
3. U.T.S.: 4182 KGf. (MIN.)
4. GENERAL TOLERANCE: ±5%



BILL OF MATERIALS				
ITEM NO.	DESCRIPTION OF ITEMS	MATERIAL & SURFACE TREATMENT	QTY/SET	CAT. NO.
1.	TWISTED STRAP	MILD STEEL, H.D.G.	1 PAIR	
2.	M16 X170 BOLT WITH NUT	M.S.(GR.5.6,5.0 FC), H.D.G.	1 EACH	ACA-01L
3.	#16 SPRING WASHER	SPRING STEEL, E.G.	1	
4.	SPLIT PIN	STAINLESS STEEL	2	
5.	#16 RIVET WITH FLAT WASHER	MILD STEEL, H.D.G.	1 EACH	
6.	BALL EYE	F.S.(CL IV, I.S:2004), H.D.G.	1	ABE-1
7.	SOCKET EYE	F.S.(CL IV, I.S:2004), H.D.G.	1	ASE-100
8.	SECURITY CLIP ('R' TYPE) CLAMP & KEEPER	STAINLESS STEEL	1	
9.	TENSION CLAMP	ALUMINIUM ALLOY (LM-6)	1 & 2	
10.	#16 RIVET WITH FLAT WASHER	MILD STEEL, H.D.G.	1 EACH	
11.	SPLIT PIN	STAINLESS STEEL	1	
12.	M12 U-BOLT	MILD STEEL, H.D.G.	3	AT-52
13.	M12 NUT WITH FLAT WASHER	MILD STEEL, H.D.G.	6	
14.	#12 SPRING WASHER	SPRING STEEL, E.G.	6	

