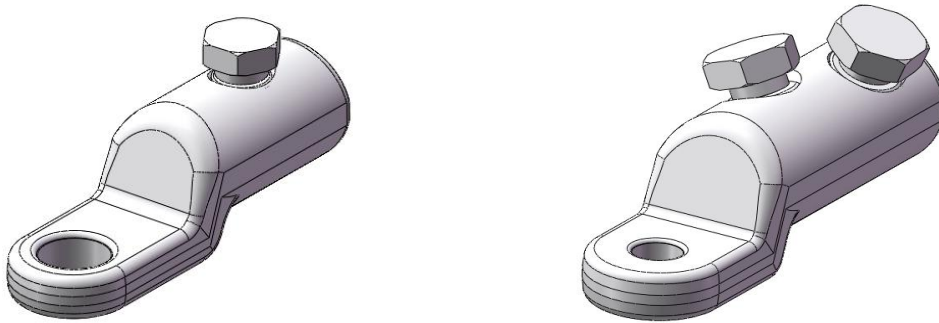




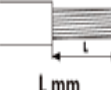





Shear Bolt Connector-Installation Instruction

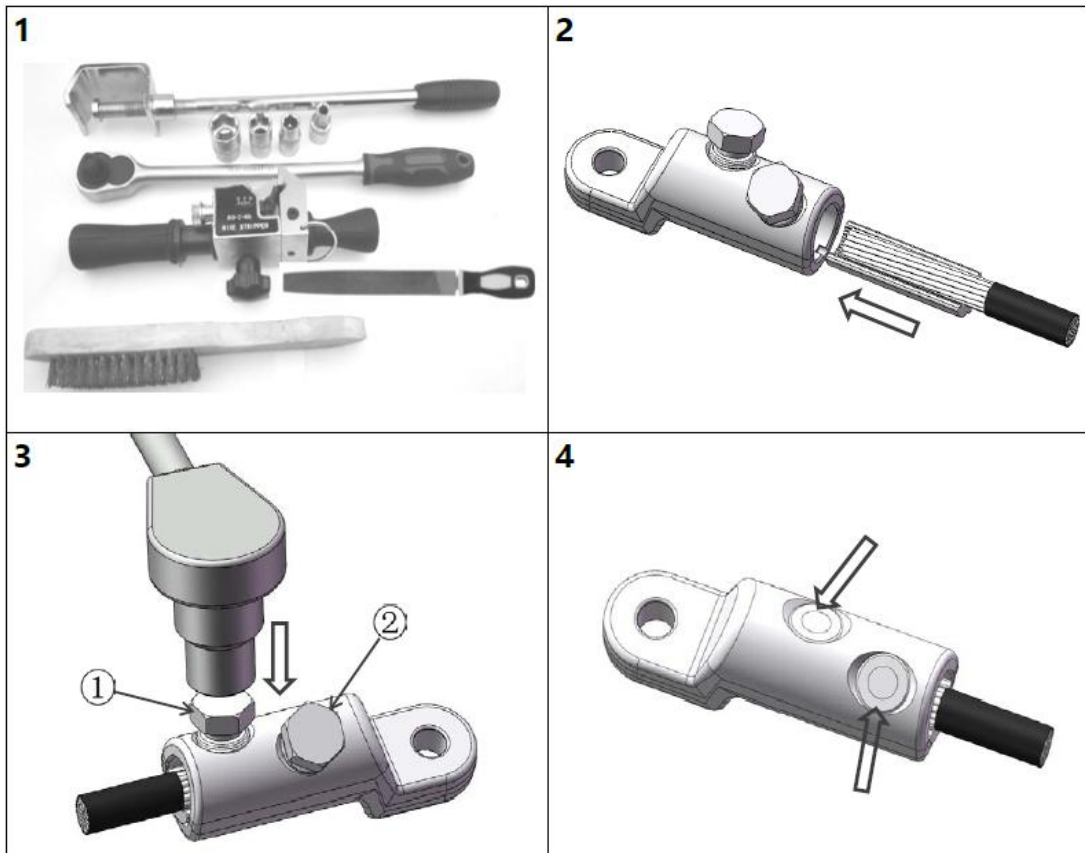


Product Range (Model)	 mm ² Al Conductor Round	 mm ² Al Conductor Sector	 mm ² Cu Conductor Round	 mm ² Cu Conductor Sector	 L mm Stripping Length	 Mount Insert	 Remove Insret	 A/F mm Bolt Across Flat
AUL25-95	25-95	25-70	25-95	25-70	35	25-50	70-95	13
AUL35-150	35-150	35-150	35-150	35-150	41	35-70	95-150	17
AUL70-240	70-240	70-185	70-240	70-185	64	70-120	150-240	19
AUL120-300	120-300	120-240	120-300	120-240	71	120-185	240-300	22
AUL185-400	185-400	185-300	185-400	185-300	81	185-240	300-400	22
AUL300-400	---	---	---	---	---	---	---	---
AUL400-630	---	---	---	---	---	---	---	---

Note: Different conductor material should be tested according to IEC 61238-1 given parameters.

Shear Bolt Connector-Installation Instruction

Installation Procedures



Installation Steps:

1. Select the matching shear bolt connector and installation tools according to the type and size of Conductor as shown on the table (see photo 1);
2. Strip conductor insulation according to the specified length;
3. Remove the oxide layer on the conductor surface with a brush. Then apply contact grease provided in the shear bolt connector and insert the conductor into shear bolt connector immediately (see photo 2);
4. Hand-tighten all bolts to fix the conductor at the center of the shear bolt connector;
5. Use a torque wrench to tighten the bolt slowly until the shear point breaks away. Tighten the bolts in the sequence of 1 and 2 and 3 as shown in photo 3 (Tighten bolts out-side-in);
6. Once the bolt shears off, use a file to even out all the sharp edges (see photo 4).

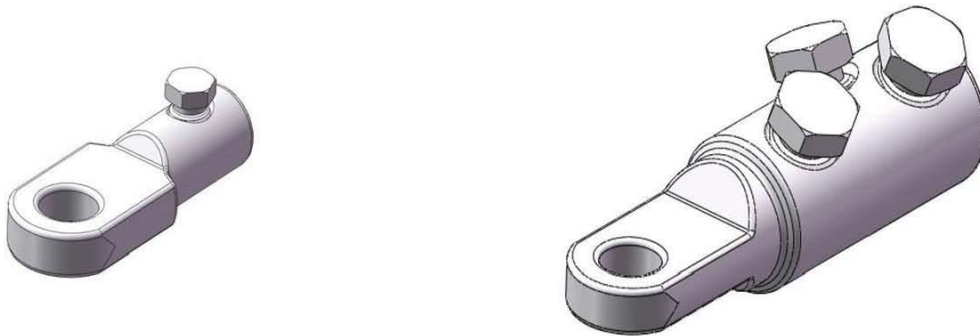
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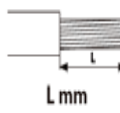
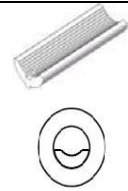
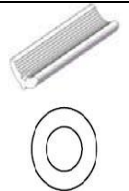
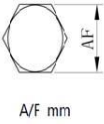
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Shear Bolt Connector-Installation Instruction

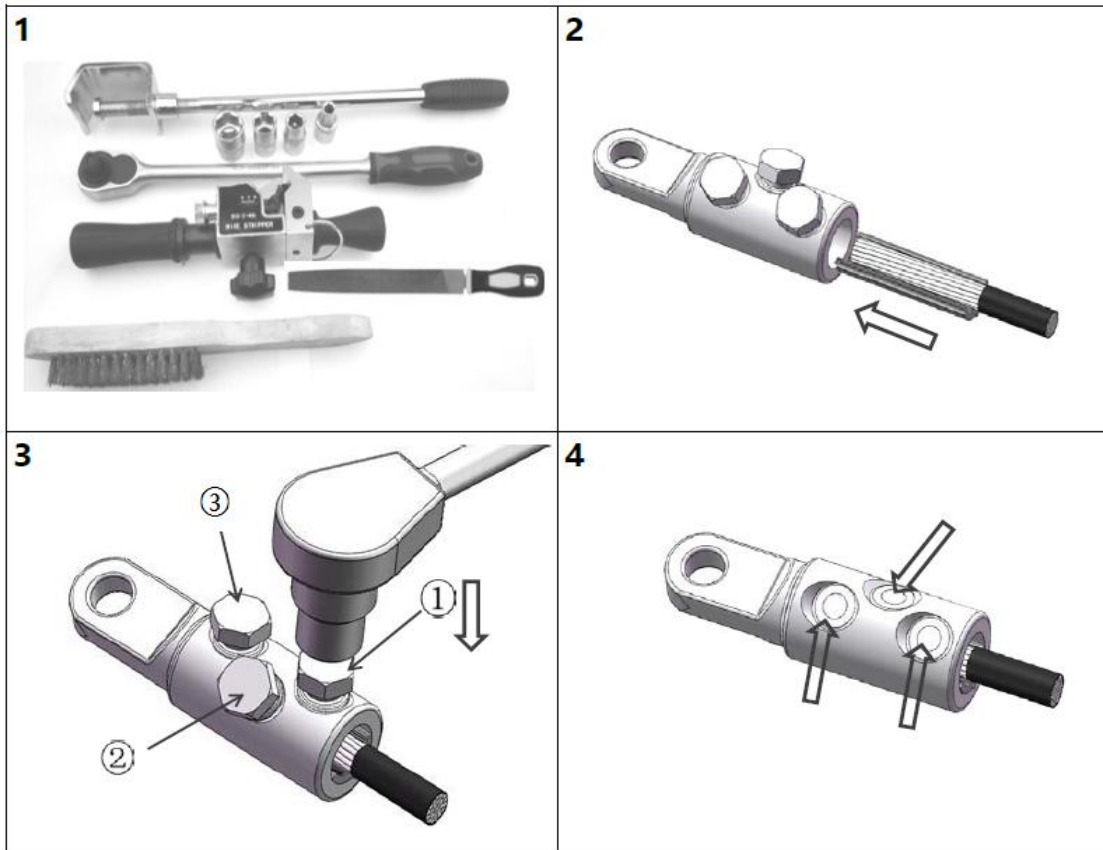


Product Range (Model)	 Al Conductor Round	 Al Conductor Sector	 Cu Conductor Round	 Cu Conductor Sector	 Stripping Length	 Mount Insert	 Remove Insret	 Bolt Across Flat
AULZ25-95/1	25-95	25-70	25-95	25-70	35	25-50	70-95	13
AULZ70-240/2	70-240	70-185	70-240	70-185	64	70-120	150-240	19
AULZ185-400/3	185-400	185-300	185-400	185-300	81	185-240	300-400	22

Note: Different conductor material should be tested according to IEC 61238-1 given parameters.

Shear Bolt Connector -Installation Instruction

Installation Procedures



Installation Steps:

1. Select the matching shear bolt connector and installation tools according to the type and size of Conductor as shown on the table(see photo 1);
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