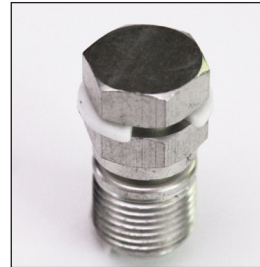
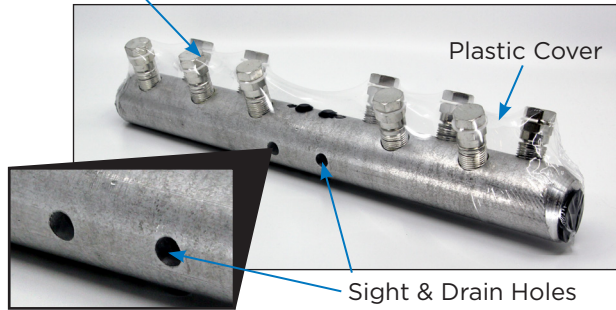


This next generation range taking in-line overhead conductor splice is engineered for advanced electrical and mechanical connections in both tension and nontensioned applications while reducing installation time and mitigating human error.

Double Head Shear Bolt



Double 3/4" Hex Head Shear Bolt



Curve Plate Assures Conductivity

Product Overview and Applications

- The Mecha-Splice is a range taking shear bolt tension splice. Double head shear bolts apply uniform pressure on the conductor via an internal curved shaped pressure plate resulting in superior and reliable mechanical and electrical performance.
- During installation, the bottom plate's unique wave pattern compresses the conductor causing strands to rub together abrading the internal oxidation while the top plate's ridges compresses and abrades the external oxidation. The result is improved electrical contact and less need for conductor brushing.
- It is designed for AAC/AAAC/ACSR conductors. Check with your Sicame Marketing Manager for other applicability types. It is not for use on copper conductors.
- The Mecha-Splice has a center stop and sight/drain holes to aid in conductor insertion and water drainage.
- This shear-bolt splice replaces compression sleeves and problematic spring enabled automatic splices.

Product Key Features

- **Enhanced installation process -**
Can be installed in tension, reduced tension and slack spans with conductor brushing less critical
- **Advanced performance -**
Improved mechanical and electrical performance.
- **Easy Installation -**
Only requires impact driver, no heavy presses. Plastic covering keeps Mecha-Splice clean prior to installation
- **Range taking -**
Fewer splices to stock, less inventory.
- **Range taking -**
Each connector end is independent of the other and can be used to connect different cable sizes.
- **Robust Rating -**
Line design load tension or 10,000 pounds, whichever is less.

Product No.	Conductor Types	Conductor Ranges	OD Ranges (inches)	No. of Bolts/side	Splice Weights (Lbs.)
MTRS 01	AAC/AAAC/ACSR	#4 to 1/0	0.237-0.444	4	0.90
MTRS 02	AAC/AAAC/ACSR	1/0 to 4/0	0.394-0.563	5	1.49
MTRS 03	AAC/AAAC/ACSR	3/0 to 370 Kcmil	0.434 to 0.740	5	3.08
MTRS 04	AAC/AAAC/ACSR	330 to 636 Kcmil	0.670-0.984	5	4.14
MTRS 05	AAC/AAAC/ACSR	500 to 795 Kcmil	0.827-1.141	5	4.24