

# Alu-fix Cable Cleats

Shahin Mafsal Co's Alu-Fix Cable Cleats are made from special Aluminum alloy. These cleats are designed to arrange, secure, protect, and connect cables to supporting surfaces such as ladders, trays, and rails. Alu-fix Cable Cleats have been rigorously tested in accordance with IEC 61914 standard.



## Applications of Ribbed Rubber Sheets Liners:

All types and sizes of our cable cleats may be used with or without rubber liners.

- **Protective Layer:** Ribbed rubber liners act as a protective barrier, preventing excessive pressure on the cable, especially under conditions such as high temperature fluctuations at the installation site.
- **Improved Cable Fixation:** They improve cable fixation by better securing the cable and absorbing its weight, particularly in vertical installations of long cables.
- **Cable Size Adjustment:** Ribbed rubber liners also function as size adjusters for cables. They allow cables with smaller diameters than the cleat's standard size to be effectively secured, restrained, and protected.



Alu-fix series from Shahin Mafsal includes three categories. Each category serves distinct cable installation needs, ensuring flexibility across various operational environments.

## ASI Series:

Designed for standard installations; This series provides moderate mechanical restraint and environmental resistance, making it suitable for general-purpose applications.

Code	Cables outer diameter range (mm)		
	D	D*	D**
ASI2	36-52	33-49	30-46
ASI3	50-75	47-72	44-69
ASI5	75-100	72-97	69-94



## ATR Series:

Specifically designed for trefoil cable arrangements; This series is optimized to secure cables in a triangular configuration, making it ideal for environments subject to high short-circuit forces.

Code	Cables outer diameter range (mm)	
	D	D*
ATR3	29-41	26-38
ATR4	39-53	36-50
ATR5	51-64	48-61
ATR6	62-75	59-72
ATR7	73-86	70-83



## V1 Series :

Alu-fix Cable Cleats, Series V1 are recent production of Shahin Mafsal Co., manufactured by Die-Cast technology.

Code	Cables outer diameter range (mm)		
	D	D*	D**
ASI2-V1	36-52	33-49	30-46
ASI3-V1	50-75	47-72	44-69
ATR3-V1	29-41	26-38	-
ATR4-V1	39-53	36-50	-

D : Without liner  
D\* : With one liner  
D\*\* : With two liners

