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TREFOIL CLAMPS / CABLE CLEATS

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AERON Trefoil Clamps / Cable Cleats are used for laying single core cables in Trefoil touching formation which helps to maintain magnetic symmetry thereby avoiding electromagnetic heating and loss of current.



AERON Trefoil clamps have been manufactured by molding process from Virgin Glass Filled materials. Glass filled materials are used to increase the flexibility of the clamp & to avoid the breaking of the clamps from the hook while tightening procedure of the three single core cables.

Application

Trefoil clamps are used for tying high voltage single core (Higher sizes) cables where the current rating is high & 3 core cables are not available.

Trefoil clamps are suitable for supporting single core PVC/ HDE, XLPE, XLPE insulated aluminium, unarmoured, earth and un earth power cables from 1.1 kv to 132 kv grade. 3 phase AC circuits in trefoil formation in generation stations, sub-stations, thermal power stations, switchgear plants, industrial installation, terminal kits, and straight through jointing kits etc. these can be used for indoor or outdoor for vertical or horizontal running cables inside trenches or on racks / galleries.

Advantages

- » High Mechanical Strength
- » Long Life as not affected by Atmosphere, Chemicals & Acids.
- » Reduce Breaking chances of Hooks due to Glass filled Nylon material.
- » Voids electromagnetic heating and loss of current.
- » Some Variation of cable diameter also can be fixed easily & gives the good mechanical strength due to its special Design.

Required Tests For Trefoil Clamps

- » Aeron Trefoil Clamps / Cable Cleats has been tested satisfactorily to withstand 50 KA short circuit fault current with spacing between Trefoil clamps kept at one meter distance.
- » Centre distance between Trefoil clamps can be increased for lower fault level than 50 KA & hence total requirements of clamps can be reduced thereby reduction in cost.

Aeron Trefoil Clamps are supplied with bolts, nuts & washers which are generally MS Zinc passivated, SS hardware can be supplied against specific requirement.

Range Of Trefoil Clamps/Cable Cleats

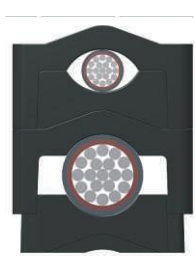
CURRENT RANGE OF TREFOIL CLAMPS			
Model No.	Min (in mm)	Max (in mm)	CC of Mounting Holes (in mm)
ATC 03	16.0	19.0	110
ATC 04	19.0	23.0	110
ATC 05	23.5	26.5	110
ATC 06	34.5	37.5	110
ATC 08	31.0	34.0	110
ATC 10	38.0	41.0	110
ATC 14	42.0	44.0	110
ATC 16	44.0	47.5	110
ATC 21	47.5	50.0	140
ATC 24	50.9	54.0	140
ATC 28	54.1	57.2	140
ATC 30	57.3	60.3	140
ATC 35	60.4	63.5	180
ATC 37	63.6	66.5	180
ATC 39	67.0	69.0	180
ATC 43	69.0	73.0	180
ATC 50	76.0	80.0	180
For sizes not listed above please contact us.			

TREFOIL CLAMPS / CABLE CLEATS

Aeron Heavy Duty Cable Cleats are made to deliver excellent results technically. It ensures the perfect pressure distribution and maximum grip on the cables without sharp edges. So, there is no point load on the cables and the cables are not damaged. There is also a provision of extra fastening at the centre hole.

Aeron Cable Cleats are manufactured from the highest quality glass fibre reinforced polyamide and are therefore ideally suited for installations where high short circuit forces may occur.

HEAVY DUTY SINGLE CLAMP



AHSC Series

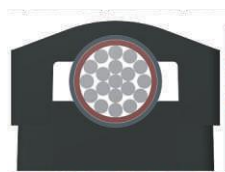


Stackable

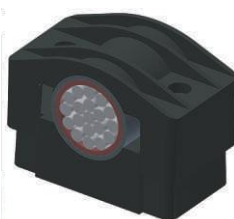
Dimensions in mm.

Type	Cable Dia	c/c of Mounting Holes	Hole Dia
AHSC 26-50	26-50	76	12.5
AHSC 50-80	51-80	100	12.5

HEAVY DUTY SINGLE CLAMP



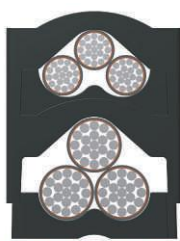
AHSC Series



Dimensions in mm.

Type	Cable Dia	c/c of Mounting Holes	Hole Dia
AHSC 75-100	75-100	150	15
AHSC 100-135	100-135	175	15
AHSC 135-170	135-170	210	15

HEAVY DUTY TREFOIL CLAMP



AHTC Series



Stackable

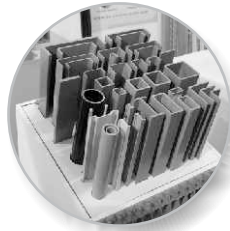
Dimensions in mm.

Type	Cable Dia	c/c of Mounting Holes	Hole Dia
AHTC 27-38	3x 27-38	125	15.5
AHTC 38-51	3x 38-51	145	15.5
AHTC 51-69	3x 51-69	170	15.5
AHTC 69-90	3x 69-90	215	15.5





**Fiberglass
Cable Tray**



**Fiberglass
Structural Profiles**



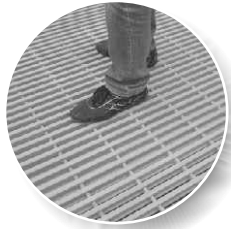
**Fiberglass
Ladder**



Trefoil Clamp



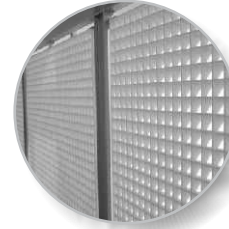
**Fiberglass
Handrails**



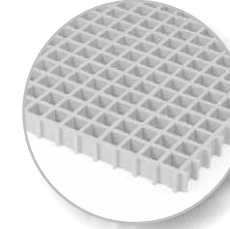
**Fiberglass
Pultruded Gratings**



**Fiberglass
Canopy**



**Fiberglass
Fencing**



**Fiberglass
Molded Gratings**



**Fiberglass
Poles & Mast**



THE COMPOSITE EXPERT...

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