



## FRP sections



### Glass

- Unidirectional E-glass And ECR Boron Free Roving
- Continuous Strand Mats
- Woven Tapes

### Resin

- Epoxy Resin

### Temperature Class

- Epoxy resin based profile - class F(155°C)
- Profiles of higher temperature - Class H(200°C) can be manufactured using special resin system on requirement.
- Profiles with flame retardant characteristic can be produced by adding additives to the resin system.

### Pultrusion Process

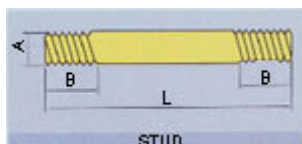
- Unidirectional E-glass and Epoxy Resin System are used for section where high Longitudinal strength is required.
- Woven tape / CSM are used where high Bi-directional strength are required.
- Epoxy profiles are used for high mechanical strength and where electrical withstand values are critical

### Pultrusion products are:

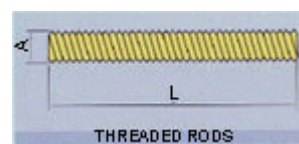
- Lasting Performance
- Light Weight & High Strength
- Corrosion Resistant
- Electro Magnetic Transparency
- Thermal Insulation
- Low temperature capabilities
- Electrical insulation
- Machinability
- Dimensional Stability

### Applications

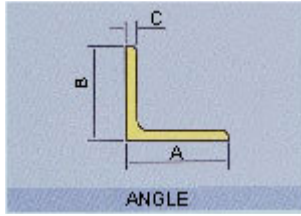
- Transformers
- Switchgears
- Motor Wedges
- Lightning Arrestors
- Cable Trays



size A : M 8 , 10 , 12 ,  
16 , 20 , 25 mm

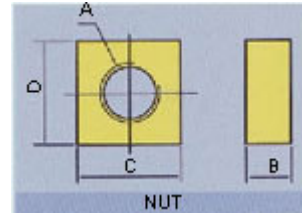


size A : M 8 , 10 , 12 ,  
16 , 20 , 25 mm



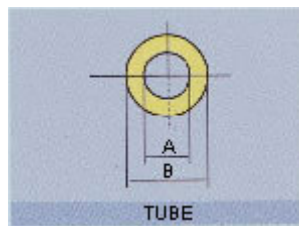
ANGLE

size A : L 50 x 50 x 6 mm



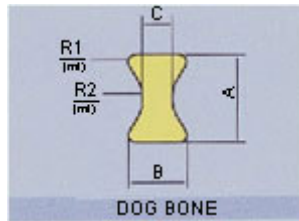
NUT

size A : M 8 , 10 , 12 , 16 , 20 mm



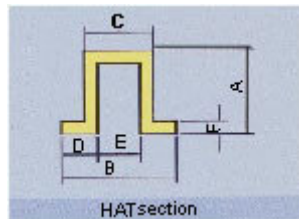
TUBE

size A : 10 17 19 25 25 34 40  
B : 16 22 25 32 35 39 45 mm



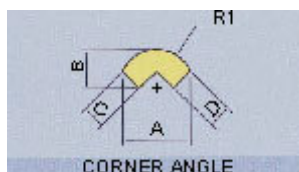
DOG BONE

size A : 8 10 12 13 16 19  
B : 6 8 10 10 10 12 mm



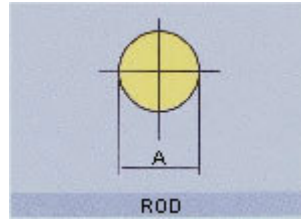
HATsection

size A : 14, 18, 24 mm



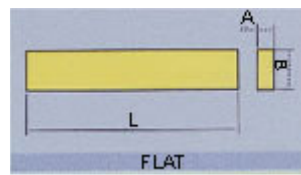
CORNER ANGLE

size C : 6 6.5 8 13 13  
D : 6 6.5 8 8 13



size A : 8, 10, 12, 16, 20, 22, 25, 32, 35, 45, 49, mm

### Putruded Flat Section



FLAT THK DIM 'A'	WIDTH DIM. 'B'							L
	15	20	25	30	40	50	60	
1	✓	✓	✓	✗	✗	✗	✗	AS PER CUSTOMER REQUIREMENT
2	✓	✓	✓	✓	✓	✗	✗	
3	✓	✓	✓	✓	✓	✓	✓	
6	✓	✓	✓	✓	✓	✓	✓	
8	✓	✓	✓	✓	✓	✓	✓	
10	✓	✓	✓	✓	✓	✓	✓	
12	✓	✓	✓	✓	✓	✓	✓	
16	✓	✓	✓	✓	✓	✓	✓	
20	✓	✓	✓	✓	✓	✓	✓	