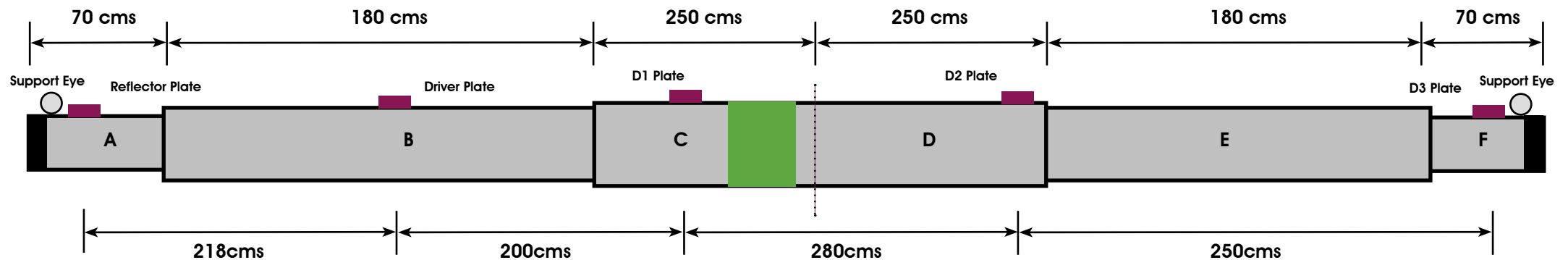


Boom Assembly Data

11M5 Super Heavy Duty Delta Loop

Using Box Section Aluminium



■ Element plates

■ Approx center of gravity (CofG) for mast plate mount, although plate can also fit across the central boom join area. By doing this, the boom to boom join [if a dual center section is used] is strengthened as the mounting plate M10 U-bolts act as an additional support.

Boom Sections - 6082-T6 Aluminium:

A = 50.8mm x 50.8mm x 3.25mm x 70cms

B and E = 63.5mm x 63.5mm x 4.76mm x 180cms

C and D = 76.5mm x 76.5mm x 6.35mm x 250cms [or single 5m]

F = 50.8mm x 50.8mm x 3.25mm x 70cms

NOTE: Make A/B/E and F longer than actually shown to allow some slotting in distance [30-40 cms would be adequate]

IMPORTANT

The center boom to boom insert and all sections which 'Slot' together forming a join, should be lightly oiled or lubricated to prevent the sections locking or seizing up after assembly.

We found [depending on stock] that the 2.5 box inch section may need rubbing down so it slots in easier

Total Boom Total Length = 10 m

Boom to Mast Plate: 12.7mm x 150cms x 255cms 6082-T6