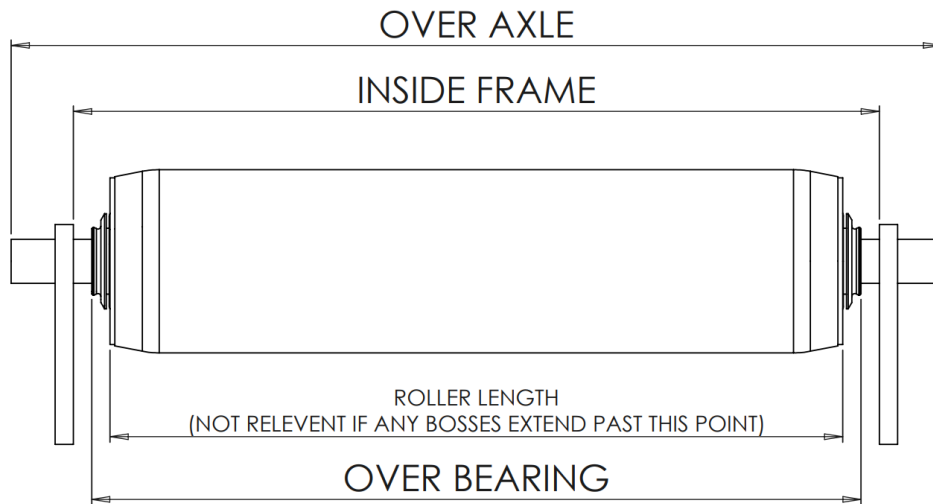


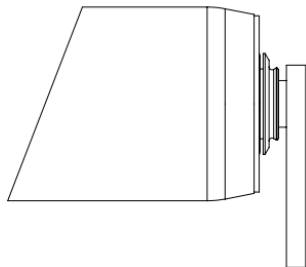
## Important Measurement Terminology



### The roller length measurement is irrelevant if there are any bearing bosses

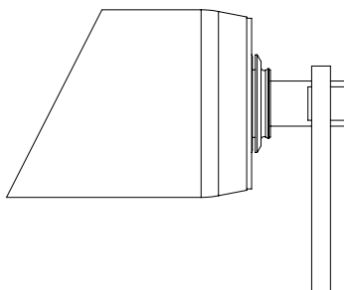
Please ensure you don't submit the roller length as the over bearing length as this is a common mistake, this will result in rollers that will be 5-10mm too short.

Inside frame measurements are very useful, depending on the axle type it can help determine certain measurements as detailed below.



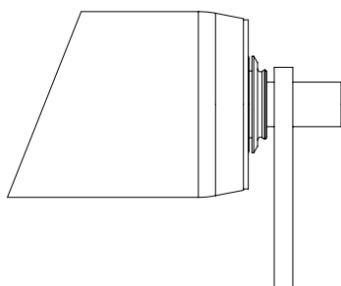
#### **AX8 Axles**

Axle length and inside frame measurements are usually the same as the axle sits flush with the frame. Usually, the over bearing is a couple of mm shorter than the inside frame



#### **AX2 / AX3 / AX4 Axles**

These axles pass through slots on the frames. The shoulder created by the flats will sit up against the inside of the frame. As such the axle length minus the flat lengths should be equal or slightly smaller than the inside frame.



#### **AX1 / AX9 / AX10 / AX11 / AX12 Axles**

These axles pass through holes in the frame. The over-bearing measurement should be a couple of mm smaller than the inside frame to prevent too much float.