



MACRON DYNAMICS, INC.

PRODUCT
Datasheet

SPECIFICATIONS

Load Rating	0-2700lbs
Ultimate Tensile Strength	10800lbs
Temperature Range	-20 C to +70 C (-4 F to +158 F)
Shipping Weight	0.75 lbs + 0.23lb/ft of belt
Belt Pitch	10mm

Drive Belt Kit

DBK-FA-__

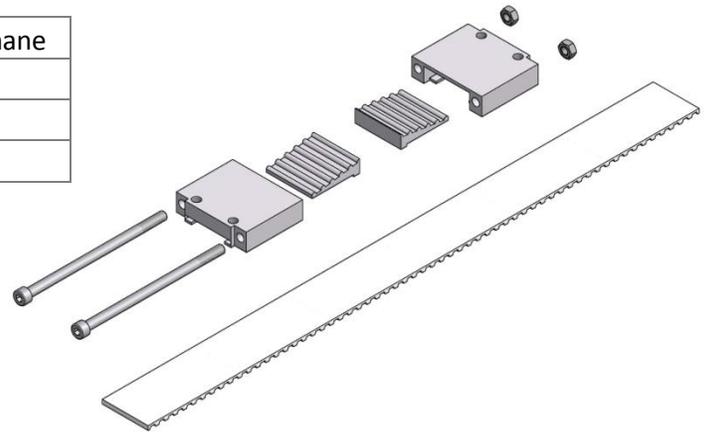
Insert length per meter.
Ex. 5 meters = DBK-FA-05

MATERIALS

Belt	Steel Reinforced Polyurethane
Belt Wedge and Tension Block	Zinc Aluminum Alloy
Screws	Steel
Lock Nut	Steel

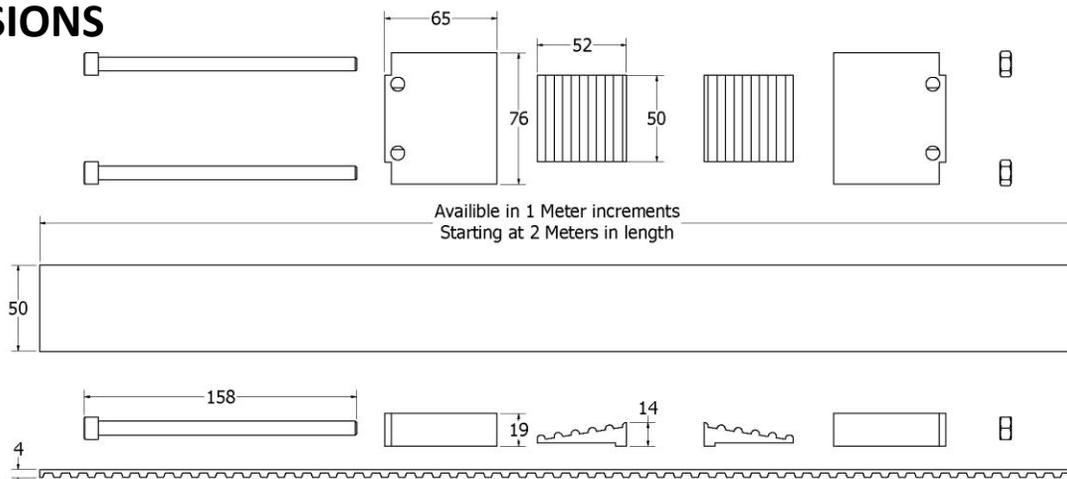
PARTS BREAKDOWN

Description	Qty/Kit
Drive Belt	1
Tension Block	2
Belt Wedge	2
M8 Socket Head Cap Screw	2
M8 Lock Nut	2



$$\text{BELT LENGTH} = (\text{BEAM LENGTH} \times 2) + .3\text{m}$$

DIMENSIONS



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Rev 01



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Belt Installation Instructions



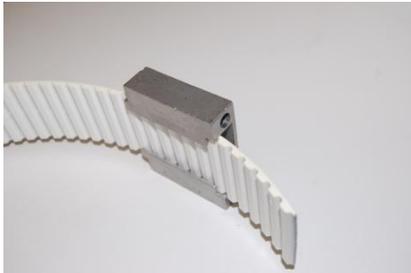
The tools you will need include a torque wrench (lb. in.), tensioning tool and a M6 allen wrench.



Insert the belt into the slot closest to the bottom.



Once the belt becomes exposed, pull it till the slack in the belt comes tight.



Slide the belt through both of the tension blocks so that the holes on top of the tension block are up and facing towards the outside.



Place the wedge at the end of the belt so that the last tooth is flush with the end of the wedge.



Pull the belt to tighten the wedge and the belt within the tension block.



Screw the bolts in enough so that the bolts come out just a few threads past the nut.



Move the tension block to the end of the actuator. Then place the tensioning tool at the middle of the belt.



Set the wrench to the correct torque setting, adjust belt to achieve level position at the recommended torque.

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