



Unit 5L, Delta Drive, Tewkesbury, Glos. GL20 8HB. United Kingdom.

## Tensioners - Fine wire, low cost.

### Specification

These mechanical tensioners provide precision control of winding tension for wires in the range from 0.02mm to 2.0 mm.

The arm position provides feedback to the system, adjusting the main friction wheel to regulate and maintain constant tension during the winding cycle.

Felt pads provide pre-tension and remove dust and other debris from the wire.

Ceramic eyelets and roller guides at each point of contact protect insulation from mechanical damage, and guide the wire.

The performance of these units is exceptional given the low cost, providing outstanding value for money.

\* The wire sizes shown are a guide only, for copper magnet wire at recommended "Standard Tension". The tension required in practical applications may vary considerably.



Models TC3S ~ TCM	Model TCL-X / TCLL-X	TC3L
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Model Type	Min Tension (grams)	Max Tension (grams)	Min Wire Gauge (mm) *	Max Wire Gauge (mm) *
TC3S	2	11	0.02	0.04
TCSS-X	7	30	0.03	0.06
TCSS	9	50	0.04	0.08
TCS-E	20	130	0.06	0.13
TCS	40	200	0.08	0.16
TCM	90	500	0.16	0.25
TCL-X	200	2000	0.20	0.60
TCLL-X	1000	5000	0.50	1.2
TC3L	2000	10000	0.70	2.0

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