

# HYSTERESIS TENSOR 211003

**ELDON**  
SPECIALTIES, INC.

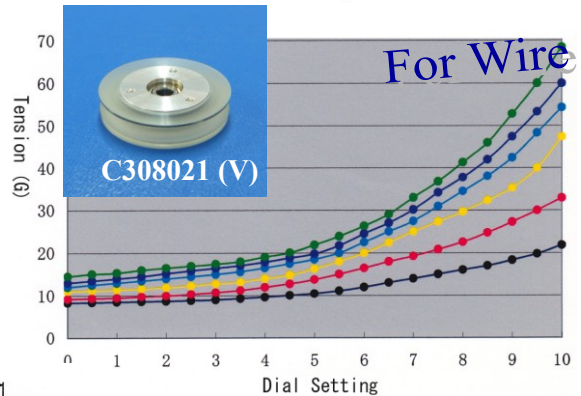
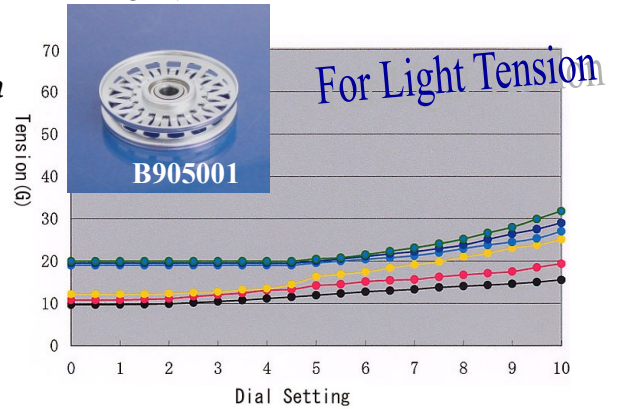
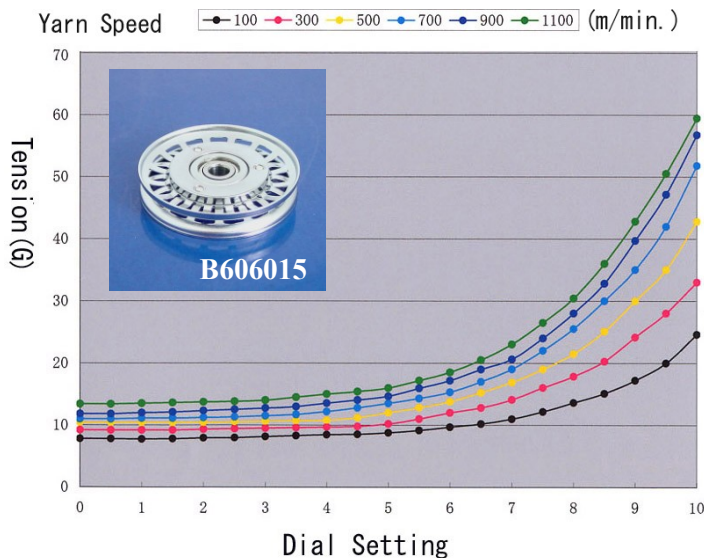
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## APPLICATIONS:

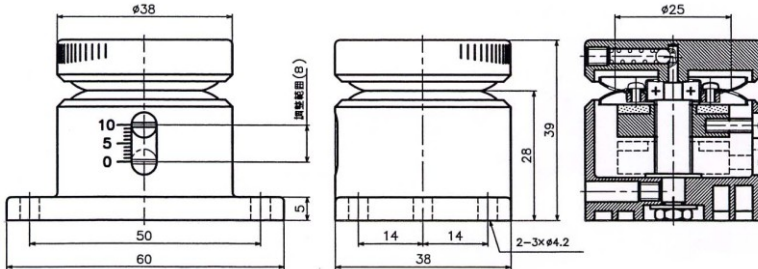
- Texturing machines, Assembling winders and Re-winders.

### Tension at the Exit (PET, 75D/36F, 5g input tension, 180degree)

We have 4 types of the wheel for your application.  
Depend on the yarn conditions and the required tension range, you can select the suitable wheel.



### Dimensions (for all models)



\* Flat yarn pass Urethane Roller (C504005) is available for Heavy Denier / Industrial Yarn.

\* These data shows the reference value, which are measured without Entrance / Exit Guides in our lab. The value is subject to change, depend on the condition.



- \* **Recommended for highly twisted yarns and spandex yarns.**  
- Metal twist stop / Urethane Roller grips the yarn giving fewer snarls.
- \* **Strong tension from a compact unit.**  
- Specially designed magnet and careful design resulting in strong tension yet can be simply fitted in a confined space.
- \* **The character of magnet adjusts uneven tension.**
- \* **Urethane Roller is recommended for coated wires / heavy denier yarns.**  
- Strong grip and Soft material prevent slip and the exfoliation of coating.
- \* **Easy tension adjustment and maintenance.** (More details on the reverse of this sheet.)
- \* **Economically priced.**

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D/N	Twist Stop Wheel	Entrance Guide	Exit Guide	Direction
C211003	B606015	-	-	-
P211003A	B606015	C401029 (Dogtail Guide) X2		Right
P211003B	B606015	C401030(Non-Torque Roller) X2		R
P211003C	B606015	C401030(Non-Torque Roller) X2		Left
P211003D	B606015	C401029 (Dogtail)	C401030(Non-Torque)	R
P211003E	B606015	C401029 (Dogtail)	C401030(Non-Torque)	L
P211003F	B606015	C401030(Non-Torque Roller) X1		-
P211003G	C308021	C401029 (Dogtail)	C401030(Non-Torque)	L
P211003H	B606015	C401030(Non-Torque Roller) X1		-
P211003I	B905001	C401029 (Dogtail)	C401030(Non-Torque)	L
P211003J	C308021	-	-	-
P211003K	C504005	-	-	-
P211003L	C504005	C401029 (Dogtail)	C401030(Non-Torque)	L
P211003M	C308021	C401030(Non-Torque Roller) X2		R
P211003N	B606015	C401029 (Dogtail Guide) X2		L
P211003O	B905001	-	-	-
P211003P	Large DIA Urethane	-	-	-
P211003Q	Wide Yarnpath Urethane	-	-	-
P211003R	N912019-V	-	-	-
P211003S	C308021	C401030(Non-Torque Roller) X2		L
P211003T	C308021	C401029 (Dogtail Guide) X2		R
P211003U	B606015	A304047 with Holder	C401030(Non-Torque)	R
P211003V	B606015	C401029(Dogtail) <b>Rotated</b>	C401030(Non-Torque)	R
P211003W	B606015	C401029(Dogtail) <b>Rotated</b>	D402052(Non-Torque)	R
P211003X	B606015	C401029(Dogtail) <b>Rotated</b>	D402075(Non-Torque)	R
P211003Y	B606015	B103020 Non-Torque Roller with Holder X2		L
P211003Z	C308021	D601035 (Non-Torque Roller) X2		R

\* Other specs are available, upon your request.

\* The specification detail with photos is available in the separate leaflet "P211003 Variations".

## Simple Setting and Maintenance

### How to adjust Tension

Simply rotate Black Cap to adjust tension.

Clockwise - add tension

Anticlockwise – reduce tension

High number gives more tension than Low number.



### How to replace Twist Stop Wheel

- 1) Adjust the dial to "0".
- 2) Pull the black cap upwards.
- 3) Replace Twist Stop Wheel.
- 4) Push the black cap into original position.

Able to replace Wheel on production line without tool!!



## Anti- Yarn Fluff

If you have any "Yarn fluff" problem, the Dogtail Guide direction may not be suitable for your application.

Please change the direction as shown below.



P211003V