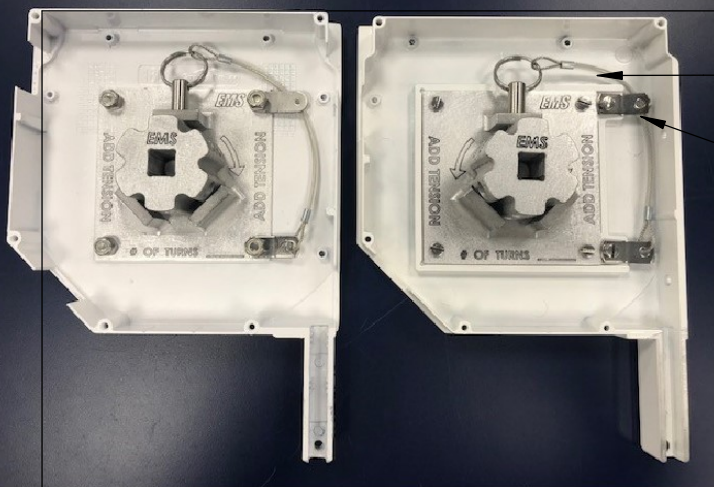




Pin Lanyard Wire
to be behind clip

End Cap

PATENT PENDING

TSA-1

Pin

Plate

Wheel

Spring

Back
Holes

Front
Holes

Optional
Gear

Tool
SPA-TOOL

Instructions to Adjust the Spring Tension

- 1) Insert Tool into one of the front holes of the Wheel and hold firmly.
- 2) Lift Pin up and out of Wheel and Plate hole.
- 3) Rotate Tool and Wheel clockwise or counterclockwise to increase or reduce amount of spring torsion.
- 4) Insert Pin back through Plate hole, into a Wheel back hole.

NOTE!
Grease nipple on plate
before putting on wheel

HOW
Hurricane Shutters Wholesale

EST. AREA	IN ²
EST. WT.	LBS/FT
EST. PER	IN
OUT PER	IN
EXPD PER	IN
FACTOR	
C.C.D.	IN

APPLICATION

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ± .010
THREE PLACE DECIMAL ± .005
INTERPRET GEOMETRIC TOLERANCING PER:
MATERIAL
TEMPER

DO NOT SCALE DRAWING

NAME	DATE
DRAWN B.P.	4-8-20
CHECKED	
ENG APPR.	
MFG APPR.	
Q.A.	
COMMENTS:	

BERTHA ROLLDOWNS

TITLE:
**Rolling Shutter
Spring Adjuster Assembly**

PATENT PENDING

SIZE A	DWG. NO. SA-06302020-1	REV.
NOT TO SCALE	WEIGHT:	SWS 8a