Adjusting the 3244 drum roller

Context

☑ Platesetter 3244

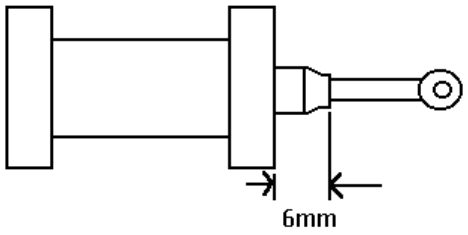
☑ Trendsetter 3230/3244 (TS3)

WARNING: Failure to follow the safety policies and procedures for field engineers may create a dangerous situation that could result in serious injury as well as damage to the output device. For more information, see: http://techplanet.creo.com/output/computer_to_plate/all_ctp/nav/safety.htm

Steps

Each roller piston should be extended 6 mm with the roller touching the drum. This is measured from the base of the cylinder to the end of the piston as shown below.

Note: This dimension applies to the Lin-act brand of cylinder only.



To adjust the drum roller:

1. To adjust the gap:
   - use a 13 mm wrench to loosen the locknut
   - use an 11 mm wrench to turn the piston
2. Turn counterclockwise to increase the gap; clockwise to decrease the gap.
3. Once adjusted, hold the piston in place with the 11 mm piston wrench and tighten the lock nut snugly against the piston with the 13-mm combination wrench.

You can also adjust the flow control valves for smooth roller operation.

The default settings are:

- Red - 1 turn open
- Black - 3 turns open

To adjust the roller flow control valves:

1. Turn the roller control valve on and off and check that both sides of the roller contact the drum at the same time.
2. Adjust the flow control valve on the manifold side to match the speeds of the actuating cylinders.

   They should reach top and bottom of travel at the same time.
3. When the adjustment is complete, lock the flow control valves.