

## Performance Bonnet – Limit Closing Stop

### HC4 Diaphragm Valves

HC4/102/01/11.02

A fully adjustable limit closing stop is fitted as standard to all 'performance' bonnets. The limit closure stop is located under the handwheel, and is adjusted by first removing the handwheel fixing screw and the handwheel assembly.

#### Procedure: Limit Stop Adjustment

Limit-adjust bush is factory set for full travel to prevent over-closure. To adjust for limit closure, proceed as follows:

0.50" - 1.00" (DN15-25):

- 1 Turn handwheel anti-clockwise until valve is fully open.
- 2 Remove cover cap, lockscrew, lock-washer and handwheel.
- 3 Turn limit-adjust bush clockwise to required position, e.g. 1/4, 1/2 or 3/4 of travel. Ensure that flats on top of spindle are parallel with flats of octagon inside limit-adjust bush (see plan view).
- 4 Re-fit handwheel, lock-washer, lockscrew and cover cap.

1.50" - 3.00" (DN40-80):

Follow procedures as for the 0.50"-1.00" (DN15-25) model. To adjust the limit stop nut, loosen set screw, adjust nut clockwise to required position, tighten set screw, and re-fit handwheel.

