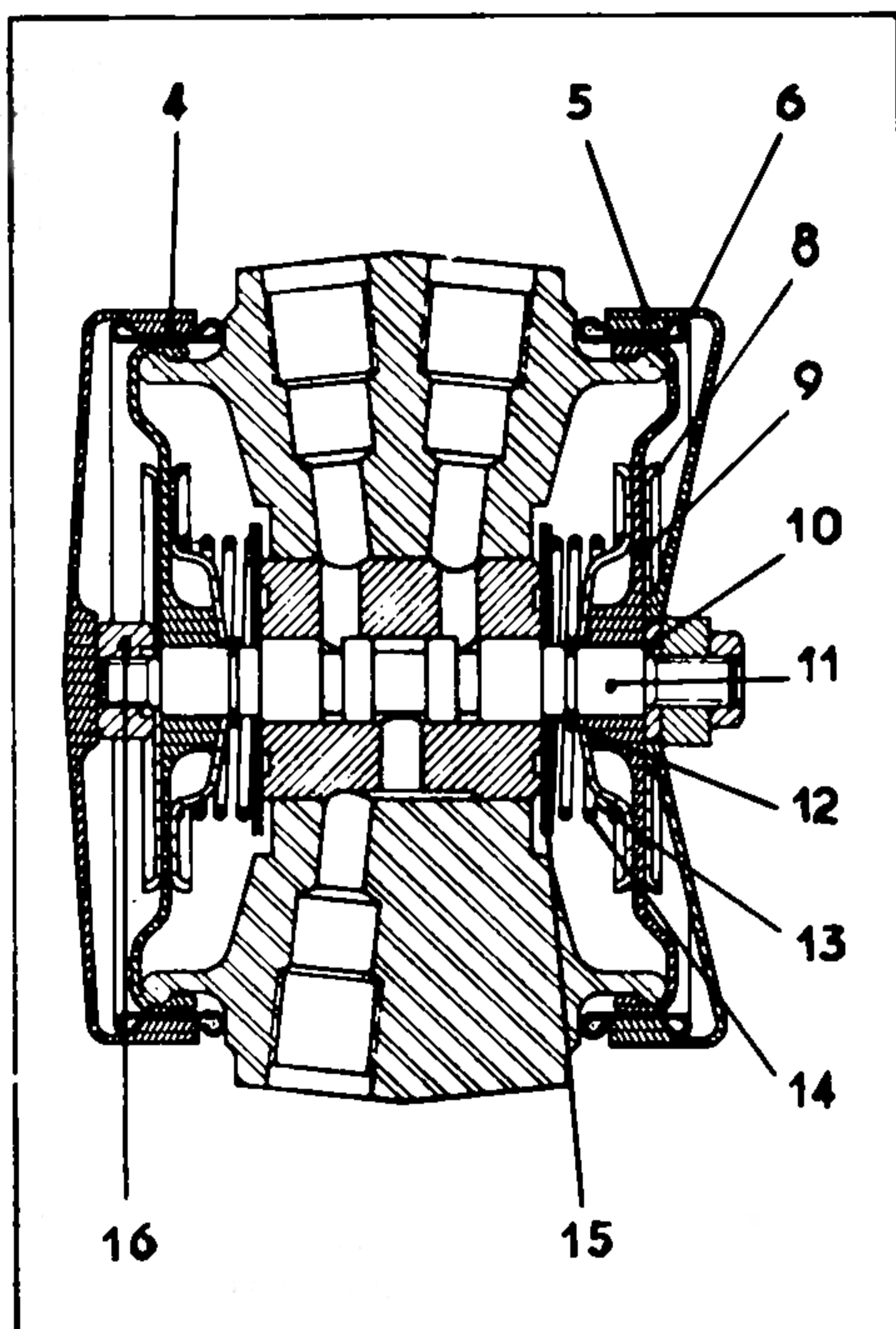


OVERHAULING A HEIGHT CORRECTOR.

Dismantling.

28. Remove:

- the overflow pipe union (1),
- the locknut (3),
- the control (2),
- the washer (10).

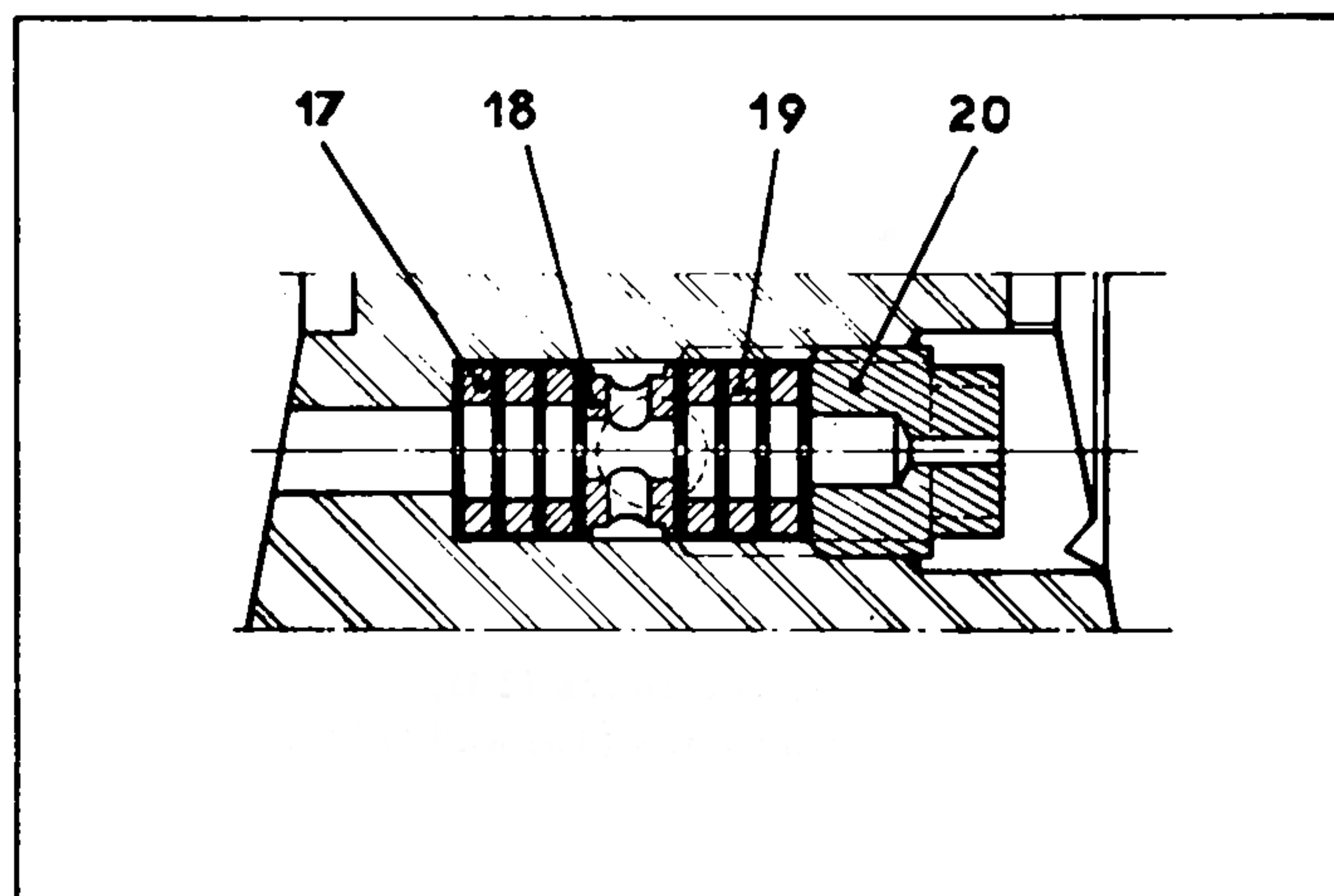


29. Remove the sealing cups (4) and (5).

30. Remove:

- the nut (16),
- the outer metal rings (6) holding the diaphragms,
- the outer metal cups (8),
- the diaphragms (9),
- the inner metal cups (13),
- the springs (14),
- the circlips (12),
- the disc-valves (15).

31. Remove the slide-valve (11) from the corrector body.

32. Dismantling the dash-pot.

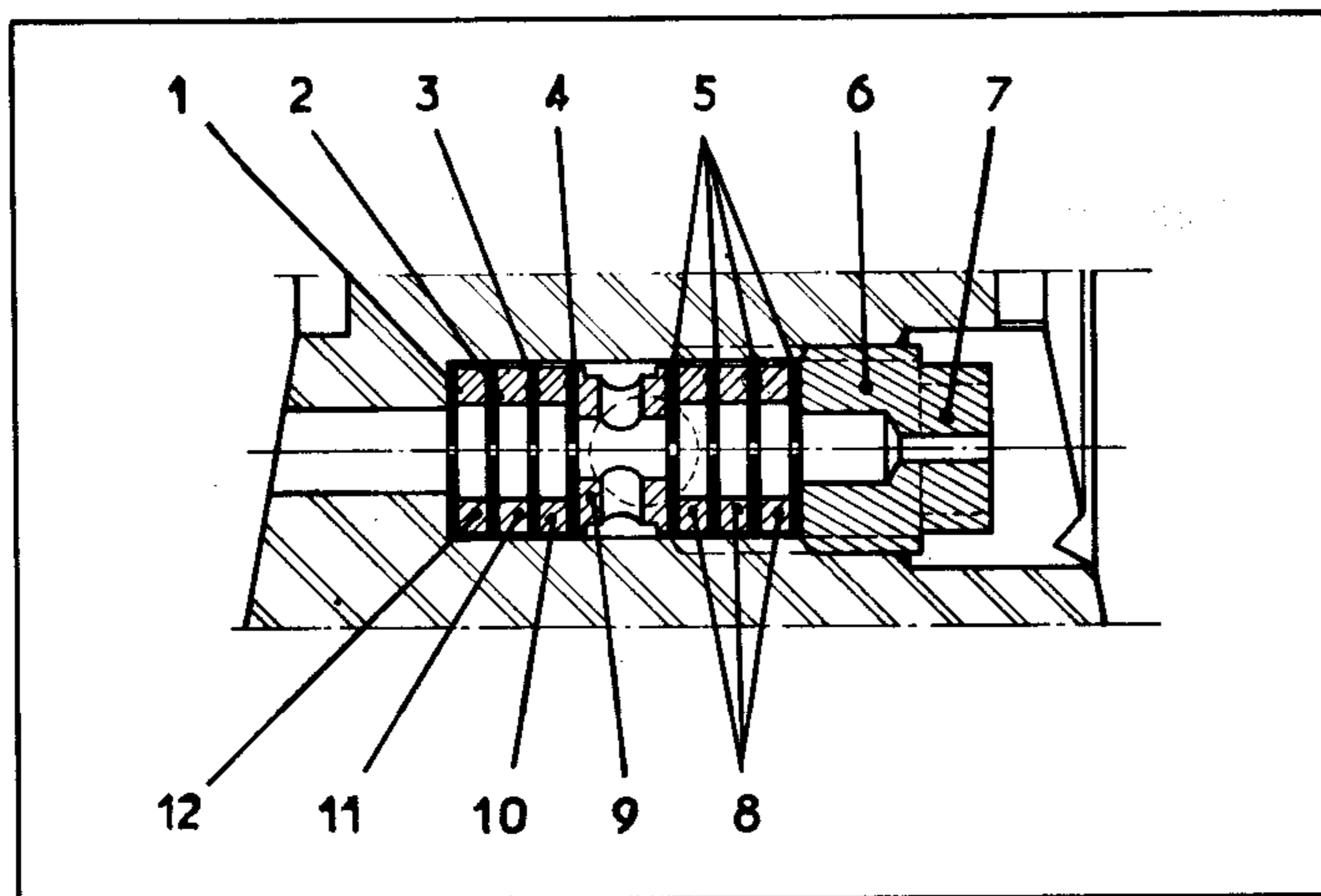
Loosen the screw (20) securing the restrictors (spanner MR.1376-50).

Free:

- the 8 restrictors (19),
- the 6 spacing washers (17),
- the central spacer (18).

33. Carefully clean all parts in alcohol.

Blow with compressed air (except the small pieces forming the dash-pot).



Assembly.

34. Assembling the dash-pot.

Fit in the following order:

- 1 restrictor (1),
- 1 spacing washer (12),
- 1 restrictor (2),
- 1 spacing washer (11),
- 1 restrictor (3),
- 1 spacing washer (10),
- 1 restrictor (4),
- 1 central spacer (9).

In the same order assemble the remaining four restrictors (5) and three spacing washers (8).

NOTE:

Make sure that the restrictors are correctly assembled; e.g. the restrictors on the side of the securing screw may engage in the thread for the screw, and if tightened in this position they would be "askew" and damaged.

Tighten the locknut (7) (1.7 - 2 ft.lbs. (0.25 - 0.30 m.kg)) (spanner MR.1376-50).

35. On the slide-valve (18) place the following:

- 1 disc-valve (26),
- circlip (25).

Insert this assembly in the corrector body, with the longer threaded part of the valve towards the rear.

36. Fit:

- the disc-valve (21),
- circlip (17),
- the springs (22) (positioned as shown in the diagram),
- the inner metal cups (23),
- the diaphragms (16),
- the outer metal cups (15).

37. Tighten the nut (24) (the thicker nut) to $1.45 \pm .15$ ft.lbs. (0.2 ± 0.02 m.kg).

38. Fit:

- the washer (20),
- the control (27) (tighten to $1.45 \pm .15$ ft.lbs. (0.2 ± 0.02 m.kg)).

Fit the control at 15° from the horizontal (see photograph).

Tighten the locknut (19).

NOTE:

Do not fit

- the metal retainers (14),
- the sealing cups (13) and (27) as these will be fitted after filling the corrector.

