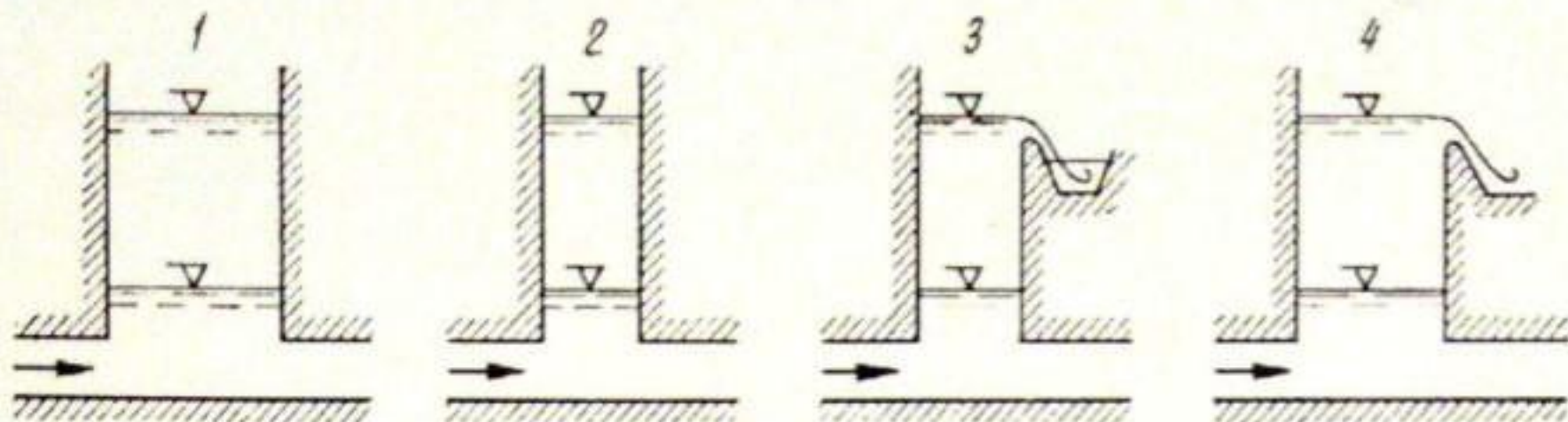
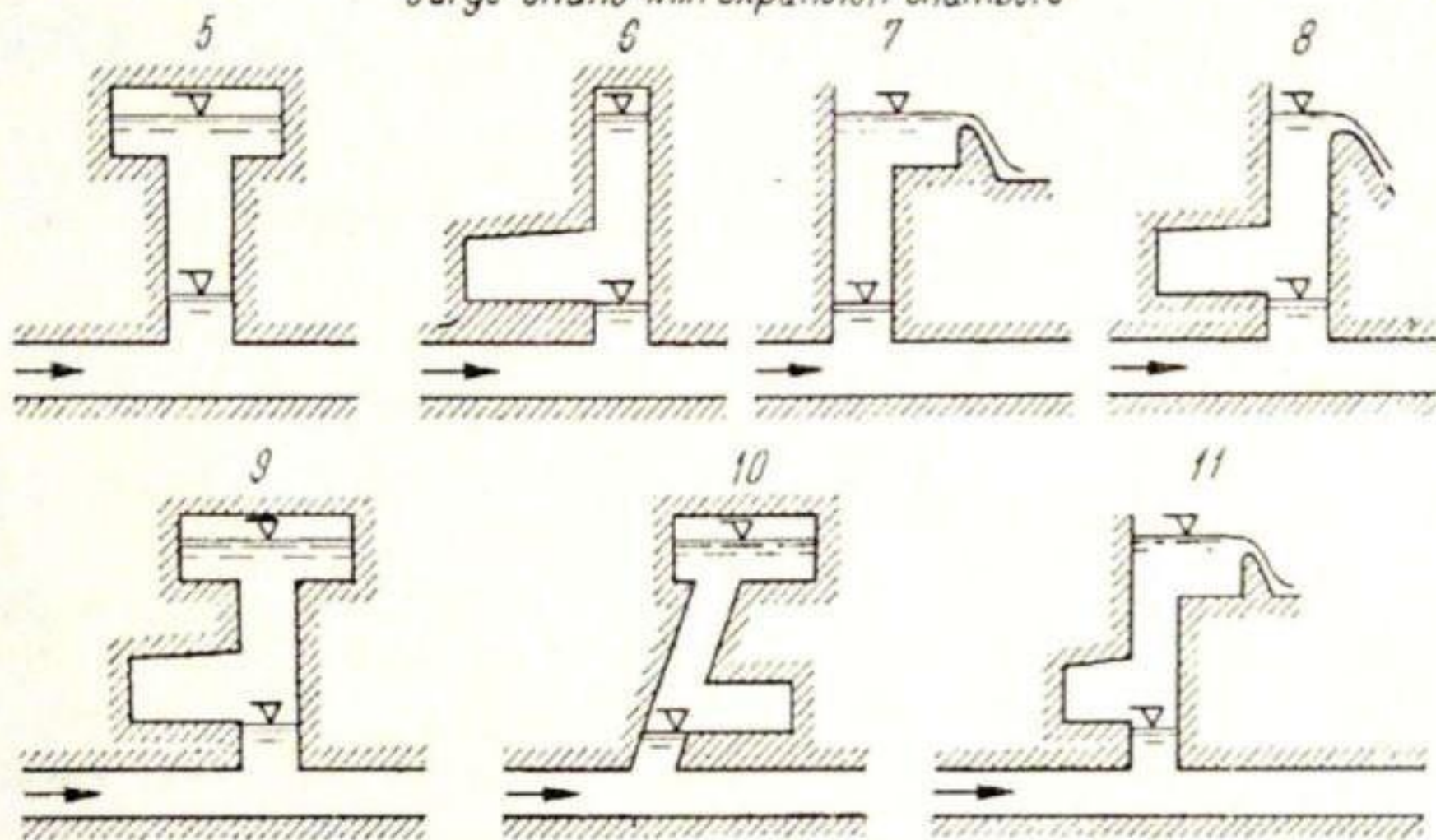


Simple surge tanks



Surge shafts with expansion chambers



Restricted-orifice type surge tanks

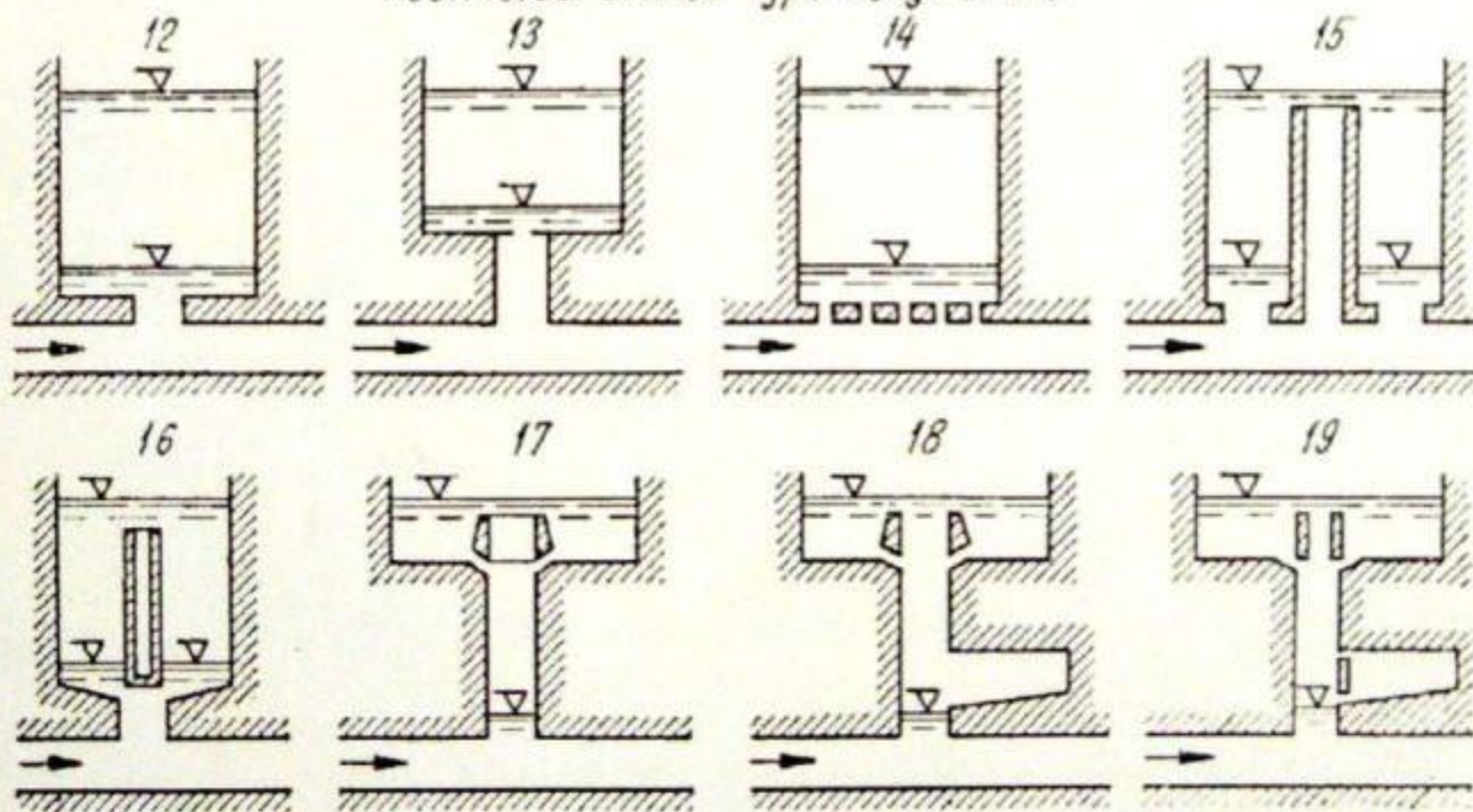


Fig. 3/84. Surge tanks: 1. simple tank, 2. simple shaft, 3. spilling shaft, 4. overflow type tank, 5. shaft with upper expansion chamber, 6. shaft with lower chamber, 7. shaft with overflow type upper chamber, 8. overflow type shaft with lower chamber, 9. shaft with two chambers, 10. inclined shaft with two chambers, 11. overflow type tank with two chambers, 11—12. simple, restricted-orifice type tanks, 14. tank with grate type throttling, 15—16. differential (Johnson type) tanks, 17. differential tank with upper chamber, 18. double-chamber differential tank, 19. double-chamber differential tank with throttled lower chamber