

## Manual for assembling duplex torsion springs

1. Remove the steel plate from the stationary fitting (4).
2. Remove the set screws (H) from the winding cone (1).
3. Mount the winding cone (1) and stationary cone (2) into the 95mm torsion spring.
4. Mount the stationary cone (4) into the 152 mm torsion spring.
5. Put the 95mm spring (winding part first) through the big hole of the 152mm stationary cone (D) and push stationary cones (2) and (4), against each other.
6. Pull the 95 mm torsion spring out of the 152 mm torsion spring and fix his position.
7. Assemble the winding cone (3) on the winding cone (1) with bolts (5) and plugs (7), by putting the bolts in holes (E) and the holes (A). The taps (B) on the winding cone (1) must fit into the slots (C) which are in the inside of the winding cone (3).
8. Mount the winding cone (3) in to the 152 mm torsion spring
9. For inner and outer springs with the same length (or inner spring can be up to 60mm shorter) the holes (G) of the stationary cone (2) correspond with the holes (F) of the stationary cone (4).
10. The duplex spring can be fixed with two bolts (6) to the bearing plate.
11. If 95mm innerspring is longer than the 152mm outer spring you need a special bearing plate (code UP-2-6) to support the stationary fitting (4).

