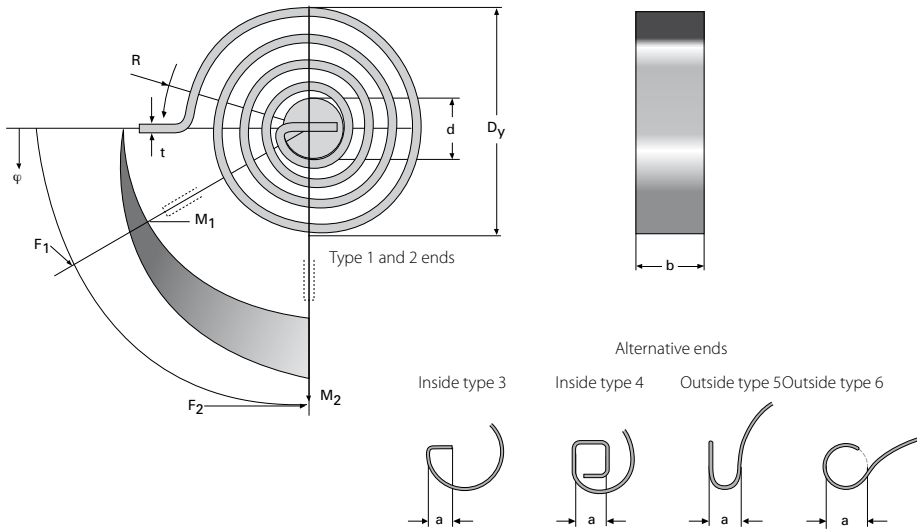


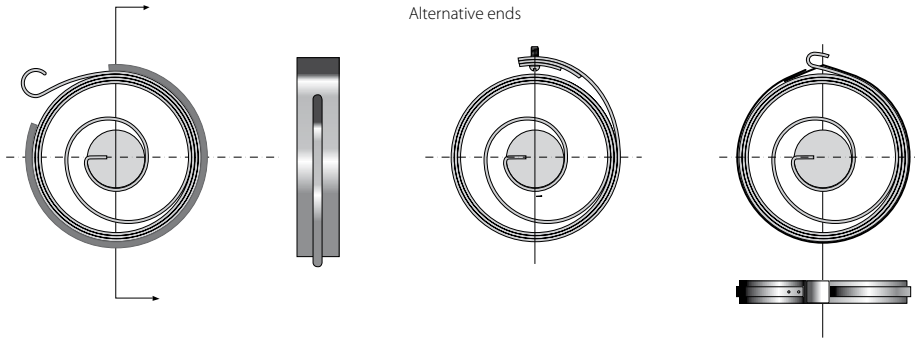
CLOCK SPRINGS



TYPE A



TYPE B



The clock spring is designed to produce a torque force (circular movement) and appears in two basic models: one with open coils (type A) and one with tight coils (type B). Type A is in normal applications completely without friction and is basically used at minor torsion angles, up to 360°, e.g. locking mechanisms.

Type B is mounted in housings and can be designed to deflect several coils. It has a low force increase and is used as e.g. a drive spring. Normally, this spring is delivered with a locking ring or wrapped by a metal strip.

For more detailed information, please refer to the Lesjöfors Spring Handbook. Also see our standard range of clock springs, pages 110–111.

- t = Material thickness
- b = Material width
- d = Shaft diameter
- D_y = Outer diameter
- R = Torque arm
- M = Spring torque
- F = Spring force