

Abstract

A balance spring – collet assembly for a timepiece movement comprises a collet (1) and a balance spring (3) attached at its inner end to the collet (1). The
5 collet (1) is capable of being mounted onto a shaft (2). The external periphery of the collet (1) defines abutments (10a, 10b, 10c) against which the inner turn of the balance spring (3) may come to rest during a shock before the elastic limit of the inner turn is exceeded. The abutments (10a, 10b, 10c) are situated at respective
10 distances (Ra, Rb, Rc) from the center (O) of the shaft (2) that increase in the direction (D) of the balance spring (3) from the inside to the outside starting at the point (8) of junction between the balance spring (3) and the collet (1).

(Figure 1)



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