

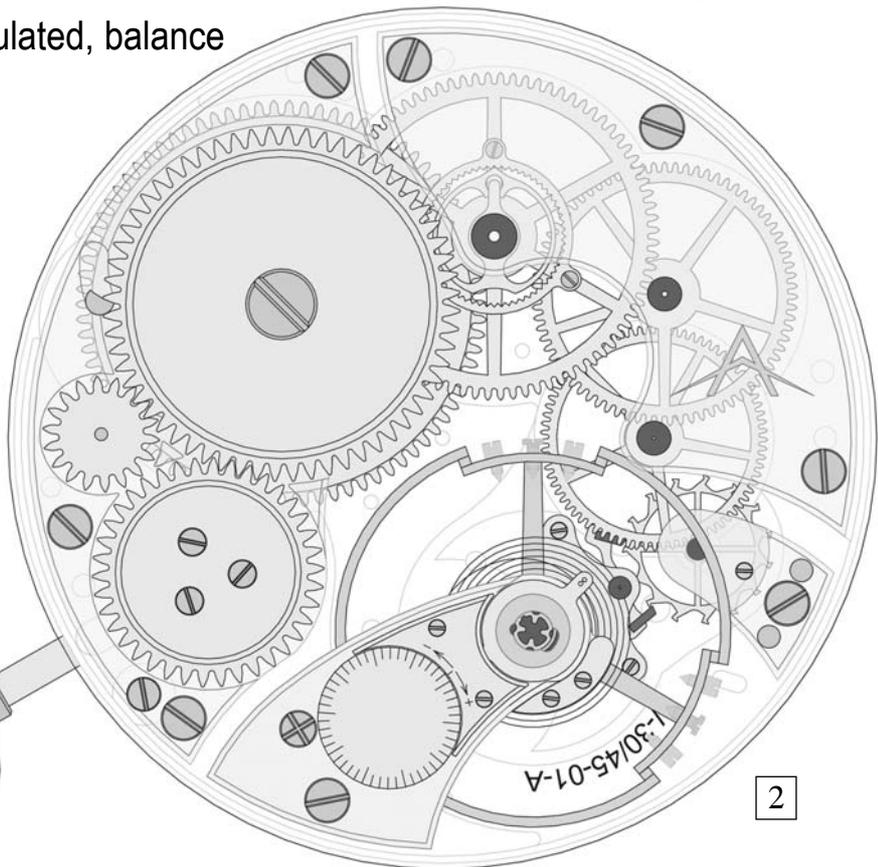
SOMETHING SPECIAL

# Watch Basics

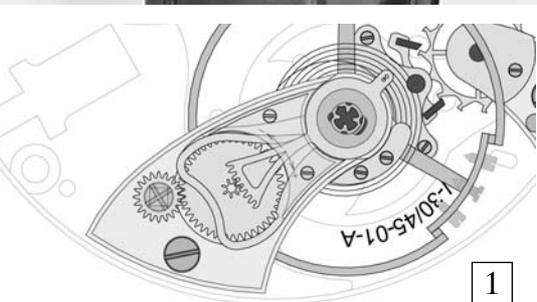
Volker Vyskocil concentrates on a large barrel and a large, precisely regulated, balance



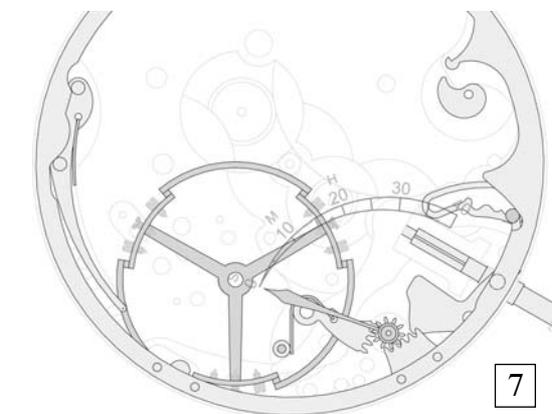
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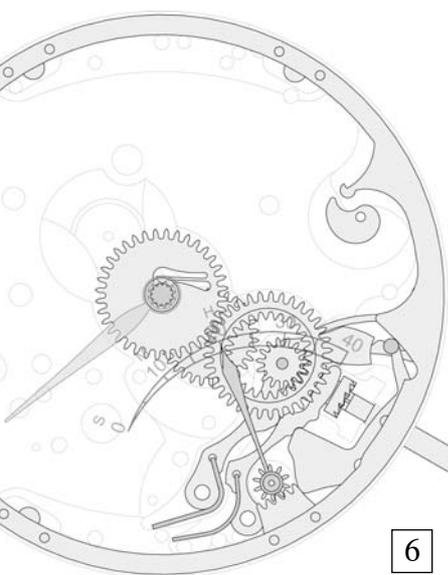
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The V-30/45-01-A, 1, by 40-year old German designer/watch-maker Volker Vyskocil is 30mm in diameter and 4.5 mm thick. It is his first watch and has a number of interesting features. The barrel and balance are across the diameter of the movement, 2, 3, to allow maximum size. A cam 4 (arrow) drives the up and down indication by a peripheral rack. The indicator (detail, 5) has a second function; to indicate the position of the crown. When fully in the state of wind is shown but moving the crown in and out also alters the position of the peripheral rack. With the crown out one step, the indicator moves to H and the hour can be set (in hour jumps), 5. At the next step, 6, minutes can be set precisely. Crown fully out operates the hacking feature, stopping the balance, 7. This happens automatically 40 hours from fully wound. A geared system for precise regulation, 8, is unfortunately hidden in the actual watch, 3.

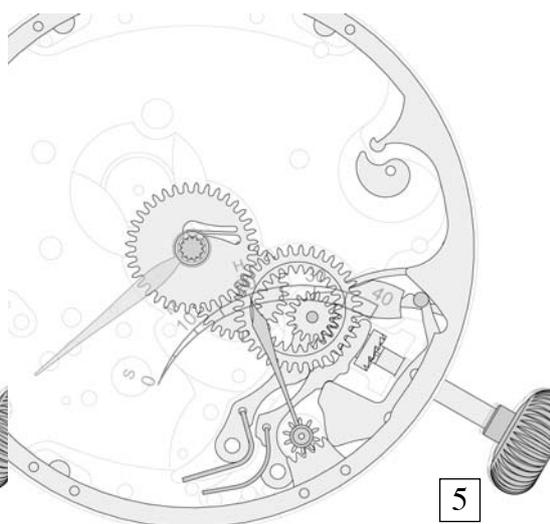
See: [www.uhrenTechnik.de](http://www.uhrenTechnik.de)



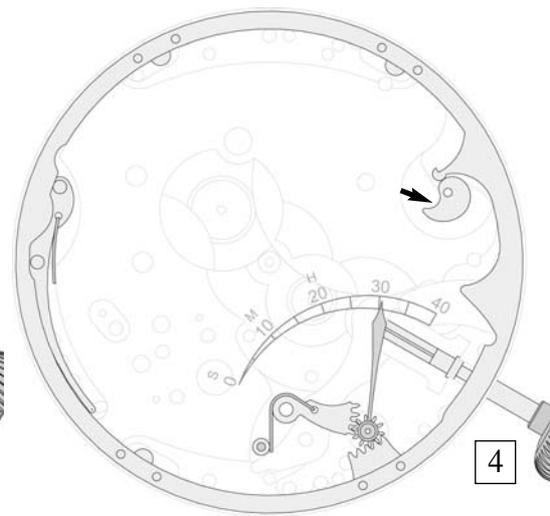
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