

Caliber 513S – 11½"



Product Specifications

Analog quartz movement

Line	powertech
Caliber	513S
Size	11½"
Version Swiss Made	1 Jewels / nickel plated
Version Swiss Parts	1 Jewels / nickel plated
Standard battery life	24 months
Standard hand fitting height	1

Features

- Repairable metal watch movement
- Power saving mechanism with pulled out stem:
Reduction of consumption approximately 70%
- Interchangeability: All versions 11½" with same
movement height 3.00 mm and stem height 1.50 mm
- Very powerful stepping motor
- Fix motor pulse

Functions

- Option for second disc
- 3 hands

Quartz Movements

Classic Functions

RONDA powertech

Caliber 513S – 11½"

Technical Specifications

Diameter Total	26.00 mm
Case fitting	25.60 mm
Movement height	3.00 mm
Height over standard battery	3.25 mm
Movement rest	0.80 mm
Height over stem	1.50 mm
Length of stem travel	0.45 mm
Stem thread	0.90 mm
Useful torque second – typical	9 µNm
Useful torque minute – typical	450 µNm
Operating temperature	0 - 50 °C
Instantaneous rate	-10/ +20 sec/month
Resistance to magnetic fields	18.8 Oe
Resistance against shock	NIHS 91-10

Battery Specifications

Standard battery	No. 371
Standard battery life	24 months
Battery voltage	1.5 V
Current consumption – typical	2.4 µA
Current consumption – maximum	2.65 µA

Watch production

Drawing Casing ring (standard, PDF)
 Drawing Dial (stem 3h, PDF)
 Drawing Hand fitting (Zeigerwerkhöhe 1-2, 6, PDF)
 Drawing Stem

Watch repairs

Technical instruction (PDF)