

# OMEGA



## TECHNICAL GUIDE

N° 15 1960

# CALIBRE 580 (6" PC AM REM 17 jewels)



*This is a normal 6 ligne movement designed for small ladies watches. It differs from calibre 440 (6" PC AM 17 jewels) in that winding and hand setting is achieved by means of normal keyless work set at 3 o'clock.*

## CHARACTERISTICS

### Dimensions

Overall diameter 13.80 mm  
Casing diameter 13.50 mm  
Height 3.20 mm  
Diameter of winding stem thread 0.90 mm

### Train

21600

### Ebauche

1 barrel bridge including centre hole  
1 train wheel bridge including third, fourth and escape holes  
1 pallet cock bridge  
1 balance cock



### ***Jewelling***

17 jewels (Rubies) including 12 olive holes for train and escape-  
ment  
2 balance endstones  
2 pallet stones  
1 roller jewel

### ***Finish***

Rose gilt with large wave effect, diamond polished bevelled edges.

### ***Mainspring***

The mainspring is of a stainless alloy, is unbreakable and non distorting, and is fitted with rivetted end. It allows up to six turns of the barrel, and has a running time of 42 hours.

### ***Escapement***

The escape wheel, pallets and roller are made of steel. The upper surface of both wheel and pallets are polished and the latter has chamfered edges.

### ***Shockproofing***

Incabloc

### ***Casing***

The lower plate is provided with a casing flange 13.80 in diameter which allows normal fitting to two piece cases.





### *Balance and spring*

This is a non magnetic assembly comprising of a flat compensating balance spring and a beryllium bronze balance fitted with 16 screws.



### *Index*

The index is of the two piece type, allowing course adjustments to be made by moving the boot and fine adjustments to be made by moving the pointer end. The boot has a slotted head which may be turned to allow easy release of the balance spring.



# OILING

*Only absolutely clean parts should be oiled*

Synta-Visco-Lube oil to: winding pinion  
clutch  
yoke  
yoke spring  
setting lever  
setting lever spring  
intermediate wheel and  
minute wheel pivot

Moebius lubricant to: barrel and spring

Moebius chronometer No. 1  
oil to: centre wheel pivots  
barrel arbor pivots (holes in plate and bridge)  
cannon pinion

Synt-A-Lube oil to: third, fourth, escape wheel and balance

Moebius chronometer No. 1  
oil to: pallet stones

Pallet staff pivots are not oiled

