



I don't want the "Time" course to be just about cool watches and clocks. But damn it, they *are* cool. And they have a place at a program like ITP, because they are such an excellent example of information and industrial design. A watch is a wearable machine (made to incredible precision) for displaying information. What info and how is interesting, and if we look at the world of watches we have decades of fascinating examples of how this highly constrained problem is solved. The watch industry is an interesting example of slowly-evolving high technology. PS Clocks are also interesting for many of the same reasons, but since they don't need to be wearable have fewer constraints so wider design solutions at many different scales.



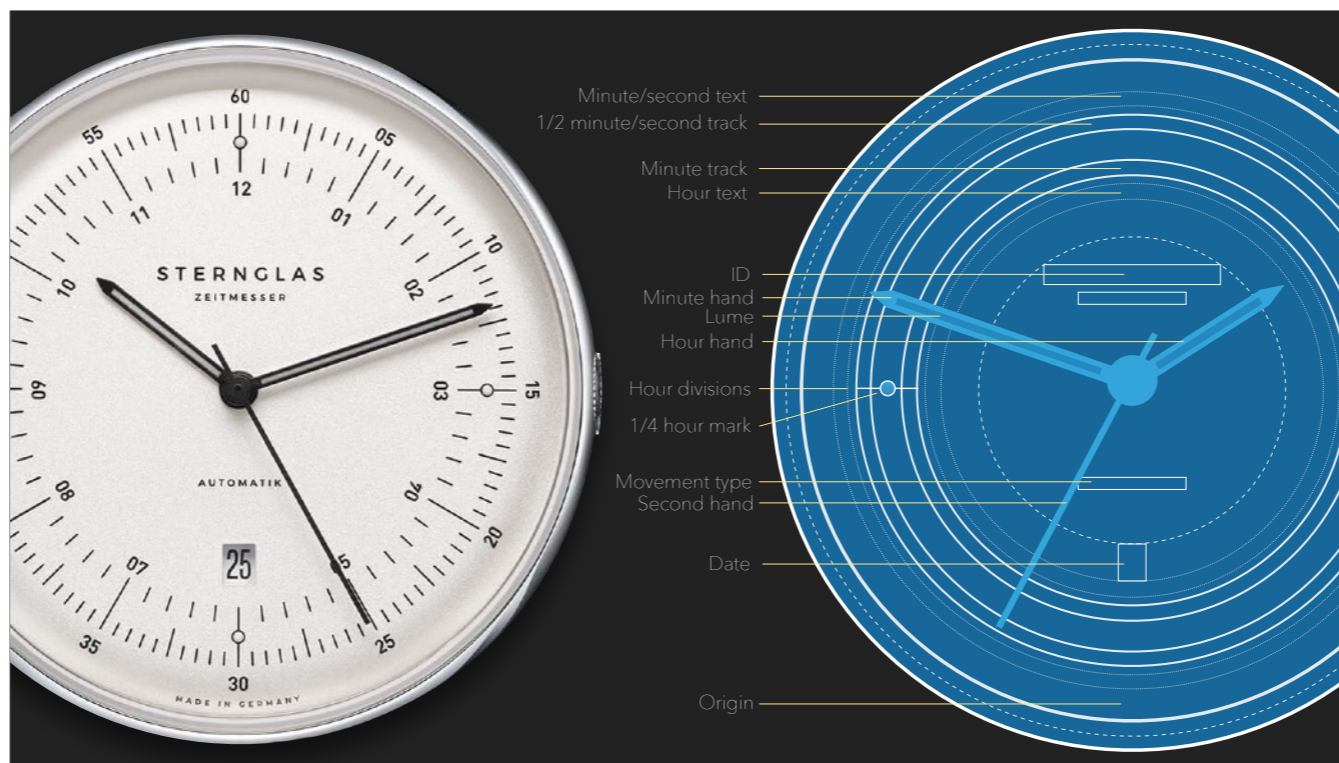
Tufte - small multiples (chapter 4 of Envisioning Information 1990)



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Font, size and weight look same for hours and minutes. Minute/second track actually divided into half minutes (seconds), with 10 divisions between 5 seconds, and an unusual longer 2.5 second sub division. Text arranged radially oriented to nearest vertical direction (rather than true radial). Hour hand appears slightly wider than minute; hour and minute hands are pencil shaped - totally straight with tapered end. Both have lume. ID and other text is same font as hours, all caps, different sizes. Date is largest font. Monochromatic plus lume on hands (except seconds) and quarter hours.





Nomos
Botta Uno 24

|
Sternglas
|
Junghans Max Bill |

|
Braun
|
Junkers

German



UN Trilogy 41mm
Van Cleef Planetarium

| Daniels Space Traveler
Ochs und Junior Day/Night

| AM Turbillon Astronomique
VC Celestia

Astronomical complications



UN Freak | Jacob Jensen Curve | Mondaine Swiss Railway
Ochs+Junior Perpetual Calendar | Ressence Type 3 | MIH Watch

Modern/Minimalist/Bauhaus/Memphis



Jacob Jensen Icon
Fitbit

Bell & Ross
QlockTwo

Devon Tread 1
Apple Watch

Square 1



Retro squares

Casio | Nelsonic Game
Pulsar LED | Swatch digital | Casio Data bank

Square 2



Hamilton Jazzmaster | Grand Seiko Spring | PP
Rolex Oyster Perpetual | Omega Deville Co-axial | Timex Marlin

Silver dial



Tissot | Bullova Spaceview
Rado | Hamilton Viewmatic

| UN
| Swatch Techno

Skeletonized



Nomos Club|
Bering Aurora

Swatch | Skagen Kolor
| Ressence Type 1 | Rado Ceramic Le Corbusier

Colorful



Rolex Submariner |
Accutron 666

Omega Seamaster 300 |
Luminor Seal

Seiko Prospex

| Doxa Sub 200

Dive watches



Neil Armstrong Omega Speedmaster |
Yang Liwei Fiyta Spacemaster (2003) |
Aviator watches

Yuri Gagarin Sturmanskie | John Glen Heur Stopwatch
Glen/Carpenter Breitling Cosmonaute | Earhart Longines Chronograph



B&R Skull
Mr. Jones Last Laugh

| 1660 Skull watch
| 1660 Skull watch (c)

| Fiona-Kruger
| LV Tambor Memento Mori

Memento Mori



Moser Streamliner Perpetual Calendar
Glashutte Original

| Brew Retromatic | G.W.
| Melbourne Carlton | Panerai Luminor

'Pillow-case' watches