

- ✱ **Ceramic** (zirconium oxide) is a high-grade material used in the aerospace industry, in mechanical engineering – and for making exclusive wristwatches. It is extremely resilient, harder than stainless steel, scratchproof, heat-resistant and physiologically neutral, i.e. allergy-tested.
- ✱ **Titanium**. This material is used particularly in the aircraft and aerospace industries, and for exclusive wristwatches. It is extremely light, harder than stainless steel and physiologically neutral, i.e. allergy-tested.
- ✱ **Palladium**. Palladium is a high-quality metal with excellent wearing comfort.
- ✱ **Plaqué** (yellow/white gold-plating). All Junghans plaqué models are 585/000 (14 ct) gold-plated (3 microns). 1 micron is equal to 1/1000 mm.
- ✱ **PVD-coating**. Ions (electrically charged particles) are generated in a vacuum, releasing particles from a metal platelet (e.g. titanium). These particles are attracted by the watch case to be coated and are deposited on it.
- ✱ **Rhodium, rhodanized**. High-quality dress watches are coated with rhodium or rhodanized. Rhodium is a precious metal, more valuable than gold, and is used by us in its pure, i.e. unalloyed, state. It does not tarnish like metal such as silver.
- ✱ **TDS (traitement dur de surface)**. Hard surface treatment. This special process improves the surface hardness of watch glass. The surface hardness of TDS-coated glass is about twice that of mineral glass.
- ✱ **Leather straps treated with vegetable substances**. These leather straps are treated without chemical softeners, the reason for the leather being stiff at first. The leather is tanned with purely vegetable substances and dyed with natural materials.
- ✱ **Shockproof**. All Junghans models, with the exception of real gold watches and pocket watches, are shockproof as per DIN 8308.
- ✱ **Rapid date correction**. All Junghans wristwatches with date display feature a rapid adjustment facility.
- ✱ **Junghans SOLAR1 wristwatches**. The environment-friendly watches. They require no battery and are therefore particularly environment-friendly.

- ✱ **New Nickel Regulations as of 1.7.93**. The new Nickel Regulations, briefly summarized below, came into force on 1.7.93: "Articles in contact with the body, other than for temporary periods, and which release more than 0.5 micrograms/cm²/week nickel must carry a warning notice." All watches supplied by JUNGHANS UHREN GmbH from 1.7.93 fulfil all requirements made by these Nickel Regulations and do not therefore require any warning notice.
- ✱ **Charge level indicator**. Junghans solar wristwatches feature an "early warning system" (i.e. the hand moves in two-second steps). This indicates when the stored energy is running out (Groups 024 + 034). For models in Groups 014 + 018 + 033, the warning is given by the digital LCD flashing.
- ✱ **Intarsia clocks**. Intarsia clocks are fine examples of craftsmanship. Intarsia developed together with the art of veneering. The craft of intarsia consists of inlay work, in which a mosaic pattern of different coloured wood is inserted into the base wood. Intarsia work requires a very high degree of skill. Complicated patterns made of many individual components are cut from thin veneers, assembled and glued onto a wooden board. The individual intarsia sections are browned in heated sand to provide a dark surround at the edges. This produces a softly graduated shading. Finally, the surface of the pattern is smoothed, stained and then varnished or polished. The production process is therefore very time-consuming. The result is that every clock is created individually and is unique. Please draw your customers' attention to the authenticity of Junghans intarsia clocks.
- ✱ **Cerrock clocks**. Cerrock is an extremely high-grade synthetic stoneware material. In contrast to ceramic materials, it can be worked very intricately and is therefore ideal for sculpted motifs. Since cerrock is not hot-baked, very little energy is used in its manufacture, thus helping to protect the environment. The relief clock itself contains no environmentally harmful materials whatsoever. All relief clocks are handpainted by artists.
- ✱ **Quality-control**. Junghans clocks and watches undergo constant quality control.

Details on the water resistance of Junghans watches

Designation			Information on use					Characteristics
Case back	Dial	Catalogue	Washing, rain, splashes	In the shower	In the bath	Swimming	Diving without gear	
No	No	No	No	No	No	No	No	The watch is not water-resistant and must be protected.
water-resistant 30 m	No	No	Yes	No	No	No	No	The watch is for everyday use, e.g. washing the car, splashes, perspiration.
water-resistant 50 m	WR 50	≈ 50 m	Yes	No	Yes	No	No	This watch can be worn in the bath, washing the car, splashes and perspiration.
water-resistant 100 m	WR 100	≈ 100 m	Yes	Yes	Yes	Yes	No	This watch can be worn in the bath, swimming, washing the car, in the shower, watersports, perspiration.
water-resistant 200 m	WR 200	≈ 200 m	Yes	Yes	Yes	Yes	Yes	This watch can be worn when diving without gear, snorkelling, in the bath, swimming, washing the car, in the shower, watersports, perspiration.

Radio-controlled straps + Clasps

Collection Junghans Mega

Collection Mega Star by Junghans

Clasps for radio-controlled wristwatches

①		42.756-0015 Stainless steel, black chromium matt	42.756-0015 4 000897 161934	⑩		42.756-0023 Stainless steel, matt	42.756-0023 4 000897 250690
②		42.756-0044 Stainless steel, PVD-gold-coloured polished	42.756-0044 4 000897 231538	⑪		42.756-0061 Titanium, matt	42.756-0061 4 000897 250720
③		42.756-0043 Stainless steel, PVD-gold-coloured polished	42.756-0043 4 000897 210588	⑫		42.756-0033 Stainless steel, polished	42.756-0033 4 000897 288266
④		42.756-0049 Stainless steel, PVD-darkblue polished	42.756-0049 4 000897 228705	⑬		42.756-0063 Titanium, matt	42.756-0063 4 000897 288273
⑤		42.756-0041 Stainless steel, PVD-darkblue polished	42.756-0041 4 000897 228682	⑭		42.756-0065 Stainless steel, matt	42.756-0065 4 000897 288280
⑥		42.756-0042 Titanium, matt	42.756-0042 4 000897 228699	⑮		42.756-0069 Stainless steel, polished	42.756-0069 4 000897 299811
⑦		42.756-0024 Stainless steel, polished	42.756-0024 4 000897 228675	⑯		42.756-0068 Stainless-steel clasp, nickelfree, PVD-coated	42.756-0068 4 000897 299804
⑧		42.756-0056 Stainless steel, PVD-gold-coloured polished	42.756-0056 4 000897 250706				
⑨		42.756-0057 Stainless steel, PVD-darkblue matt	42.756-0057 4 000897 250713				