



BERGEON

SWISS · MANUFACTURE · 1791

NOVELTIES 2023



TOOLS & EQUIPMENT MADE FOR WATCHMAKING & MICROT TECHNOLOGY

7814 STARTER SERVICE KIT

The new STARTER SERVICE KIT is a set of 18 high-quality tools designed for professional watchmakers and the passionate. It offers a selection of essential tools for changing bracelets and carrying out minor watch-related tasks. It includes precision screwdrivers, tweezers, tools for opening screwed case backs and much more. Carefully organised for easy access and secure storage, this case is ideal for efficient and meticulous watch maintenance.

Kit contents :

- 1x Spring-bar tool N° 5767-F
- 1x Tweezers N° 7024-1
- 1x Tweezers N° 7423-2A
- 1x Screwdriver Ø 1.00 mm N° 30081-100
- 1x Screwdriver Ø 1.20 mm N° 30081-120
- 1x Tube with 2 pins and 2 spare bits
(N° 6767-A / N° 6767-B /
N° 6899-M-100 / N° 6899-M-120)
- 1x Knife and case opener N° 7403
- 1x Blower N° 30540
- 1x Key for opening screwed backs
N° 7662
- 1x Gel casing cushion N° 5395-55-N
- 1x Correction tool N° 6892
- 2x Spare chuck for polygonal cases
N° 2819-A
- 1x Plastic Eyeglass N° 2611-TN-2.5
- 1x Microfibre wiper N° 7850-2-N

Each item is available individually.



DISCOVER OUR RANGE OF PROFESSIONAL CASES

BERGEON's thematic tool cases offer a complete range of high-quality equipment at your fingertips.



30081-AC10 & 30081-AM10 ASSORTMENT OF 10 WATCHMAKER'S SCREWDRIVERS

Available in a plastic case or cardboard box, this complete range of high-quality screwdrivers is adapted to the specific needs of the watchmaking industry, but not only. The screwdrivers of the **30081** range offer a comfortable grip and precise handling, and are equipped with conical blades in hardened stainless steel (54 HCR), that are perfectly adapted to watchmaking screws. This assortment also includes spare blades for all diameters, packaged in tubes.

- Stainless steel body;
- ergonomic head made of POM synthetic material self-lubricating (Ø 13 mm);
- blade in hardened stainless steel, 54 HRC, N° 6899-M;
- with 10 tubes of spare blades.

Available in two different packs:

30081-AC10: in cardboard box

30081-AM10: in plastic case

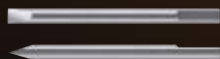


30081-AC10
Cardboard box



30081-AM10
Plastic case, ideal for transport

6899-M





7965-MTX
ASSORTMENT OF 10 WATCHMAKER'S
SCREWDRIVERS WITH SPECIAL
KNURLED PROFILE AND PARALLEL-
FLANKS BLADE

This assortment, designed for fitting watch straps, includes 3 screwdrivers with parallel flank blades. These have been carefully selected for their specific dimensions, which will adapt to various types of watch straps from different brands.

The set also includes a removable drum for increased clamping force.

The box has 3 extra compartments for torque cylinders of different strengths to suit your needs..



7965-T

7571-COB-... COBALT ALLOY TWEEZERS

7571-COB-3

A: 0.10 mm
B: 0.15 mm



7571-COB-4

A: 0.10 mm
B: 0.10 mm



Length: 120 mm
Hardness: 201 HV

These new tweezers, made from a cobalt alloy, offer **remarkable elasticity, high resistance** to fatigue and heat, and exceptional durability. The alloy is 100% **non-magnetic** and **resistant to corrosion and acids**.

The **versatility** of these tweezers means they can be used in a variety of medical (biocompatible with human body tissue), industrial and scientific applications, making them ideal for medical instruments and other aeronautical, naval and space applications. They can also be used in the electronics and watchmaking industries, as well as in chemical and extreme environments (resistant to temperatures of up to around 500°C). They offer also a high resistance to wear.

These tweezers are now available in two tip versions, No 3 and 4.

Applications: Medtech, aeronautics, aerospace, watchmaking, electronics, various laboratories.

- Completely non-magnetic
- Very high elasticity and excellent resistance to fatigue, corrosion and acids
- Temperature resistance up to approx. 500°C
- Wear-resistant
- Biocompatible with human body tissue



6935-TP SET OF 5 PEEK STAKES FOR HANDS

BERGEON 6935-TP stakes are designed to fit the runners of 8935-3, 8935-4 and 8935-5 setting tools. These stakes are made of PEEK, a high-performance polymer. This material has the following properties :

- High mechanical resistance;
- Chemical resistance;
- High temperature resistance;
- Dimensional stability.

These stakes offer a reliable, durable solution with high tensile strength. They retain their shape even under repeated loads.

Set contents :

- **6935-TP060** : grey, ØA 1.70 mm, ØB 0.60 mm
- **6935-TP120** : red, ØA 2.10 mm, ØB 1.20 mm
- **6935-TP160** : yellow, ØA 2.60 mm, ØB 1.60 mm
- **6935-TPL150** : blue, undrilled, ØA 1.50 mm
- **6935-TPL260** : black, undrilled, ØA 2.60 mm, This is a draft that can be amended by the end-user according to his needs.

6935-TP060

6935-TP120

6935-TP160



6935-TPL150

6935-TPL260

15285-...

STAKING TOOLS AND FRICTION JEWELLING OUTFIT

In 2020, BERGEON acquired the company that manufactured the STAR tools. This acquisition made possible to integrate the know-how, thus ensuring the continuity of the manufacture of STAR staking tools within BERGEON. This strategic integration has enabled BERGEON to maintain its skills and expertise in staking tools and friction jewellery outfit.

To harmonize its offer, BERGEON has reviewed these two ranges of staking tools:

- The **15285-B** and **15285-D** staking tools references;
- The **15285-140.92** and **15285-93C** staking tools and friction jewellery references.

STAR staking tools have been re-industrialised to match the high standards of the BERGEON range, while retaining the specific features that have made them so successful. All punches, stakes and pushers for the two ranges have been designed and re-industrialised to offer a uniform range of products for the different tools.



15285-... STAKING TOOLS

Staking tools made of **machined cast alloy**.
Guiding barrel Ø 4.7 mm.

All staking tool **15285** are supplied in a case with an assortment of punches and stakes, as well as pushers for one of them (see opposite). Supports/base are included to accommodate these tools.



15285-B
With 50 punches and 10 stakes,
without base



15285-D
With 100 punches and 20 stakes,
with base



15285-...

STAR STAKING TOOLS AND FRICTION JEWELLING OUTFIT

STAR Staking tool and friction jewellery outfit made of **die-cast alloy**, with base.
Guiding barrel $\varnothing 4.7$ mm.



15285-140.92

With 104 punches, 12 pushers, 25 stakes, 15 reamers, 2 pins chamferers, 6 pump pushers and 1 broach



15285-93C

With 120 punches and 24 stakes





32228 **WATCH-STRAP PUNCHING DEVICE**

This device is designed to drill additional holes in leather watch straps, allowing their length to be adjusted to fit the wrist perfectly.

The perfectly repeatable centre-to-centre distance ensures **optimum precision when aligning the new holes**. The lateral graduation makes it easy to position the indexing stakes. The stakes are fitted with an **anti-rotation** ① to ensure accurate drilling, even for oval holes.

Tools are included to drill 1.60 and 2.00 mm diameter holes, offering **versatility** for different bracelets. Supplied in a plastic case, it's easy to handle and store, especially when you're on the move.

Improvements over the previous version include a **longer handle for greater comfort** and a larger base for **greater stability**.

9996 - COLORCATCH NANO 2 COLOUR CONTROL AND METROLOGY

COLORCATCH NANO 2 is a highly accurate, patented colour measurement device. It is the only colorimeter in the world to be equipped with a Bluetooth camera and to be connected to a smart-phone or tablet. The image taken by the COLORCATCH NANO 2 is magnified 6 times. With this device you can point to a precise detail of the colour you want to measure.

COLORCATCH NANO 2 is a revolutionary colour measurement device. Compact, fast and accurate, it makes life easier for all professionals working with colour.

BERGEON distributes COLORCATCH NANO 2 exclusively in the **watchmaking and microtechnology sectors**. It has a wide range of applications in these fields. The colour of a watch's constituent parts (leather strap, dial, hands, indexes, movement components, etc.) are validated on the basis of a prototype. When these parts are produced in quantity, they undergo colour quality control, essentially by visual observation. The inspection conditions are therefore subject to the quality of the light, and in particular to variations in human vision.



With the COLORCATCH NANO 2, the colour reference and its tolerances are stored in advance and the colour of the parts can be checked **precisely, accurately and quickly**.





BERGEON SA | Allée des Défricheurs 4a | CH-2300 La Chaux-de-Fonds | +41 32 933 60 00 | info@bergeon.ch | www.bergeon.ch

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