

Safety

thought through



**JAKELE J1**

Instruction manual

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# Jakele J1 - 10 rules

1. Use the rifle only when the function of the rifle is 100% understood and internalized!
2. Familiarize yourself with the trigger. The trigger switch allows you to choose between two trigger weights (match = light trigger weight / hunting = higher trigger weight).
3. Familiarize yourself with the Jakele mount. The scope can be mounted and dismounted at will, no deviation from the point of impact!
4. Check for tight fit of:
  - Barrel
  - Scope
  - Silencer, if applicable
  - buttstock and forearm.
5. Control shooting before shooting at game. When using Brunox gun care spray in conjunction with the Jakele Field-Kit cleaning system, the barrel does not need to be de-oiled!
6. After hunting, remove the silencer, open the breech and leave the muzzle open (uncovered) so that the barrel can dry out circulatingly, even if no shot has been fired!  
(Condensation moisture).
7. If one or more shots are fired, clean the gun immediately on that day with the Jakele cleaning system in conjunction with Brunox gun care spray (no oil shot!).
8. After approx. 50 - 100 shots (depending on bullet type and caliber), chemically clean the barrel with Jakele Carbon Solvent and then clean with Jakele Copper and Tombac Solvent. Both products are steel neutral! Clean the chamber with the Jakele chamber cleaning system! Finally clean/preserve the barrel with Brunox gun care spray.
9. When using silencers, place the silencer on the Jakele silencer dryer for 10 - 20 minutes after hunting (even without firing) due to condensation and humidity for 10 - 20 minutes on the Jakele silencer dryer.
10. Do not de-oil the barrel before firing to preserve the protective film when using Brunox gun care spray – no point of impact deviation!

## Recommendation: Smooth shooting of the barrel

For the first 30 - 100 shots, clean the barrel with the Jakele cleaning kit Field-Kit after every 3 shots. A good shooting performance can only remain or improve if you proceed as described!

**If you do not proceed in this way, the shooting performance will deteriorate!**



## Designation of the parts

<b>1</b> Stock fixing screw	<b>12</b> J1 key
<b>2</b> Transport safety	<b>13</b> Fore-end
<b>3</b> Bolt head catch	<b>14</b> Fore-end lock
<b>4</b> Bolt-Assembly	<b>15</b> Receiver
<b>5</b> Magazine insert	<b>16</b> Rapid unload button
<b>6</b> Bolt handle	<b>17</b> Trigger switch
<b>7</b> Seat for Jakele BPM mount	<b>18</b> Trigger
<b>8</b> Barrel	<b>19</b> Cocking lever
<b>9</b> Muzzle thread M14x1	<b>20</b> Buttstock
<b>10</b> Sling swivel full ring	<b>21</b> Sling swivel
<b>11</b> Foreend tip	

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## General safety rules

Your new Jakele bolt action rifle Model J1 is distinguished by the revolutionary Relax system and many other design features from other bolt action rifles.

The Relax safety system of your Jakele rifle must not, under any circumstances, tempt you to disregard the necessary care and the legal requirements for handling weapons.

### CAUTION:

Before using the rifle, it is essential to read this operating manual in its entirety. Only pass on the rifle together with this operating manual.

**In addition to these operating instructions, please have your dealer explain your rifle to you in detail and instruct you in its use.**

## General safety rules for handling weapons

- Ensure that the gun and ammunition never fall into unauthorized hands.
- Always store the gun and ammunition separately, under lock and key, out of reach of unauthorized persons.
- Observe the valid legal regulations for the carrying and storage of weapons and ammunition.
- Become thoroughly familiar with the handling of your firearm and practice all functions and actions with an un-loaded firearm before carrying it. Consider any firearm to be loaded and ready to fire until you have convinced yourself otherwise by opening the bolt and looking into the chamber. An un-loaded weapon must also be handled like a loaded weapon.
- During any handling, always hold the muzzle in a direction where you cannot endanger or damage persons or property.
- Before loading the gun, check whether there are residues of unsuitable oils or other foreign bodies in the cartridge chamber or barrel. Residues of unsuitable oils in the cartridge chamber or in the barrel can lead to significant point of impact shifts! Foreign bodies in the barrel (e.g. water, snow, soil) can cause barrel bursts and thus cause serious injuries to the shooter or bystanders! Make sure that no foreign bodies can get into the barrel even while the gun is in use!
- Only use ammunition which meets the requirements of the CIP, in particular with regard to the maximum service gas pressure  $P_{\max}$ . Each Jakele firearm is tested by the State Proof House in accordance with the requirements of the Proof Law and Proof Ordinance with a proof gas pressure which exceeds the permissible maximum

service gas pressure  $P_{\max}$  by at least 25%. If gas pressures of the ammunition to be used exceed this gas pressure, the safety of the user or third parties may not be guaranteed. The same applies to cartridge cases which do not or no longer fulfill their sealing function due to the so-called lidding.

- Do not load your gun until immediately before use.
- Do not cock your firearm until it is ready to fire, immediately before firing safely.
- Check the front and rear grounds before each shot.
- Point your weapon only at a target you have clearly identified.
- Put your finger on the trigger only when you are about to fire.
- Fire a shot only when there is a safe bullet trap.
- If a cartridge fails, do not open the bolt until approx. 60 seconds have elapsed. This will help you avoid the danger of an afterburner.
- Protect your hearing when shooting by suitable measures (e.g. silencer and / or hearing protection).

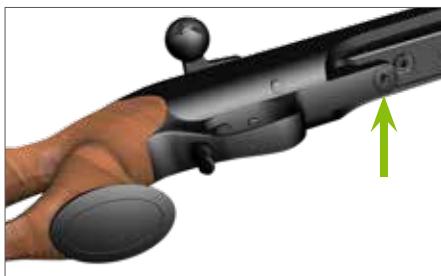
### **Unload your weapon**

- before crossing obstacles,
- before climbing into and leaving high seats,
- before entering a building,
- before boarding a vehicle,
- before entering a locality
- and also when you temporarily discard or hand over the weapon.
- Always follow the current rules of UVV.

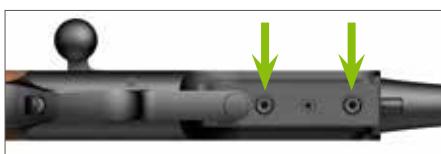
## 1. Assemble, disassemble

### Assemble

- Dismantle the fore-end by pressing the fore-end lock and pulling it forward.



- Remove the J1 key integrated in the fore-end by inserting the index finger into the recess to fold out the key. Then push the key to the rear and remove it.
- Insert the barrel into the receiver and hand-tighten the two barrel fixing nuts, do not use an extension.



- Insert J1 key into fore-end.
- Mount/slide on the fore-end until it audibly engages.
- Insert the magazine insert from above into the magazine slot, simultaneously press the quick unloading button and push the magazine insert down.
- Before inserting the bolt-assembly, check that the locking lugs are transverse (locking position) and that the

transport lock is in the deactivated position (orange marking visible).

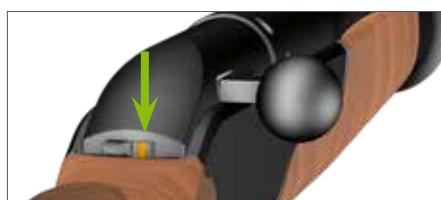
- Carefully place the bolt-assembly with the two slide rail ends, parallel with the bolt-housing, on the back of the receiver.
- Push magazine insert down and slide bolt until just before the barrel, hold the bolt and pull the bolt handle back until the locking head audibly locks. Now the locking head can enter the barrel.
- Perform a functional test.

### ATTENTION:

When assembling, always ensure that a matching, paired interchangeable system including magazine insert is used according to the caliber.

### Disassemble

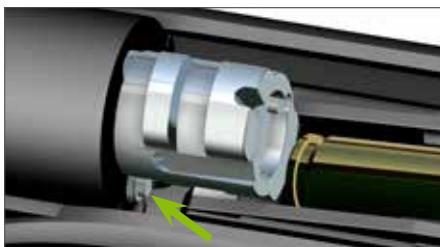
- Deactivate transport safety.



- Ensure that the gun is decocked and unloaded.

## 2. Cocking system and transport safety

- Open the bolt and retract it completely.
- Dismantle the fore-end, remove the J1 key.
- Open the J1 key and use the Torx to press in the bolt head catch to the right of the bolt head.



- The bolt head now rotates 90°, then pull the bolt-assembly out to the rear.
- Loosen the two barrel fastening nuts
- Take out the barrel.
- Pull and hold the trigger, pull and hold the cocking lever, then the trigger can be released.
- Turn the stock fastening screw now visible under the hammer approx. 3 turns to the left as far as it will go using the J1 key.

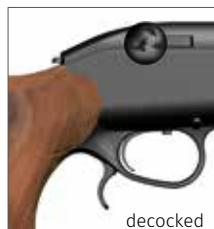


- Remove the buttstock.

### Cocking system

The cocking system of the Jakele J1 bolt action rifle is based on the decocked hammer spring.

The hammer spring is cocked by pulling the cocking lever just before the shot is fired, or automatically released when the lever is released.



### Cocking

- Pull the cocking lever towards the pistol grip with the middle finger until it stops and hold it.
- The gun is now cocked.

### Decocking

- To decock the gun, remove the middle finger from the cocking lever or let the cocking lever slide back to its original position.

### CAUTION:

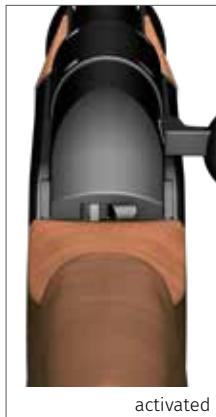
Never reach into the trigger when cocking. This could lead to an unintended shot release!

## Transport safety

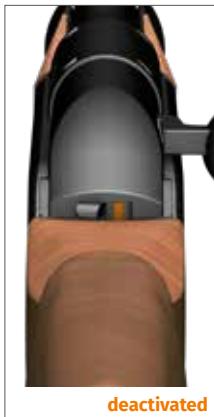
The transport safety of the Jakele bolt action rifle J1 prevents unintentional opening of the bolt (bolt handle lock).

### Handling with right-handed system

- To **activate** the transport safety, press the lever to the **right position** (white marking visible).
- To **deactivate** the transport safety, press the lever to the **left position** (orange marking visible).



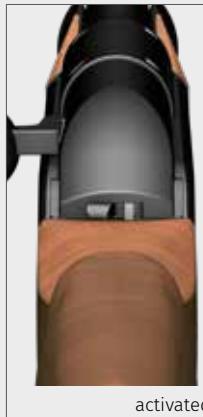
activated



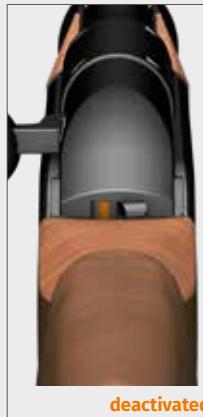
deactivated

### Handling with left-handed system

- To **activate** the transport safety, press the lever to the **left position** (white marking visible).
- To **deactivate** the transport safety, press the lever to the **right position** (orange marking visible).



activated



deactivated

When the transport safety is activated, the cocking lever can still be operated, but all other functions are inoperative. The striker is therefore blocked!

### 3. Loading the weapon

#### Loading

- Deactivate transport safety.
- Open bolt-assembly.
- Check barrel and chamber for foreign bodies. Residues and unsuitable oils must be removed.
- Ammunition must necessarily match the caliber of the weapon.
- Place the cartridges on the magazine insert and press down firmly through the magazine lips.

#### Magazine capacity:

- 2 cartridges  
(+ 1 cartridge in the chamber)



### 4. Shooting

#### Shooting and repeating

- Aim at the target.
- Immediately before firing, cock the gun by pulling the cocking lever and hold it in this position.
- Firing.
- Unload the gun by releasing (and sliding back) the cocking lever.
- Reloading (repeating): Pull back the bolt by the bolt handle as far as it will go and push it all the way forward again.

#### NOTICE:

**If the bolt handle is not fully pushed to the stop, the cartridge cannot ignite for safety reasons.**

#### ATTENTION:

The gun is not decocked until the finger releases the cocking lever and allows it to slide back to its original position!

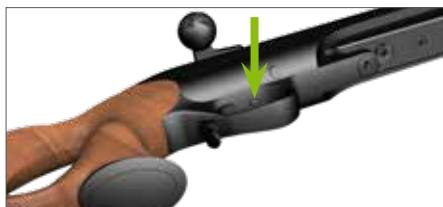
#### ATTENTION:

Always cock the gun immediately before firing. If no shot is fired, release the cocking lever and let it slide forward. The gun is then automatically decocked and safe.

## 5. Unloading

### Trigger switch

The switchable Jakele fine trigger allows the choice between a low, match-oriented trigger weight and a higher, hunting-oriented trigger weight. The trigger weight is selected without tools by means of a slide directly in front of the trigger.



#### ATTENTION:

Never operate the trigger switch when the gun is cocked!

### Functionality

By operating the changeover switch, it is possible to select between the two trigger weights:

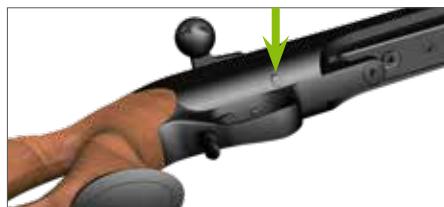
- front position »Match« (lighter trigger pull weight)
- rear position »hunting« (higher trigger pull weight).

#### ATTENTION:

With the gun is unloaded and decocked, regularly check the trigger for freedom of movement. Unsuitable oils and/or foreign bodies can impair the trigger function and cause malfunctions.

### Unloading

- Deactivate transport safety.
- Open the bolt by pulling back the bolt handle, this will pull the cartridge out of the barrel chamber and eject it.
- Release cartridges remaining in the magazine insert via the rapid unload button and receive them by hand.



- Check if barrel and magazine are empty.

## 6. Magazine insert remove and install

### Remove magazine insert

- To remove the magazine insert, remove the bolt-assembly, also press the rapid unload button and remove the magazine insert.

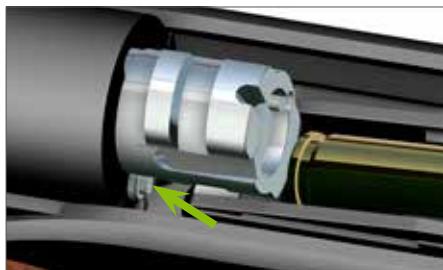
### Install magazine insert

- With the rapid unload button pressed, insert the magazine into the magazine well.

## 7. Bolt-assembly remove and install

### Remove bolt-assembly

- Deactivate transport safety.
- Make sure that the gun is unloaded.
- Open the bolt and pull it back until the bolt head is pulled out of the barrel.
- Open the J1 key and use the Torx to press in the bolt head catch to the right of the bolt head.



- The bolt head now rotates 90°, then pull the bolt-assembly out to the rear.

### Install bolt-assembly

- Deactivate transport safety.
- Press the magazine insert in the receiver all the way down and hold it there.
- Carefully place the bolt-assembly with the two slide rail ends parallel to the bolt-housing on the back of the receiver.
- Push forward into the receiver until the bolt head is just in front of the barrel.
- By pulling the bolt handle, the bolt head is turned back 90° and locks automatically.
- The bolt can now fully enter the barrel to lock.

## 8. Barrel change –

**Interchangeable system consists of barrel, bolt-assembly and associated magazine insert**

Each interchangeable system consists of a barrel and a bolt-assembly, which were paired together and proofed together by the proof house.

### **ATTENTION:**

Each barrel may only be used with the associated paired bolt-assembly and may only be sold in pairs when resold.

When changing the barrel, make sure that the magazine insert is also inserted in the corresponding caliber. The caliber designations are marked on the side of the magazine insert.

### **Changing the interchangeable system**

- Deactivate transport safety.
- Make sure that the gun is unloaded.
- Remove the fore-end and
- Remove J1 key.
- Pull back the bolt-assembly completely and remove it. Remove the bolt-assembly, see point 7
- Remove magazine insert, see item 6.
- Loosen both barrel fixing screws completely using the J1 key; these remain captive in the housing.
- Lift the barrel out of the receiver.
- Insert the barrel of the interchangeable system into its bed in the receiver.
- Use J1 key to hand-tighten both barrel fixing screws.
- Insert the magazine insert corresponding to the caliber of the barrel into the magazine well from above.
- Install the bolt-assembly of the interchangeable system, see point 7.

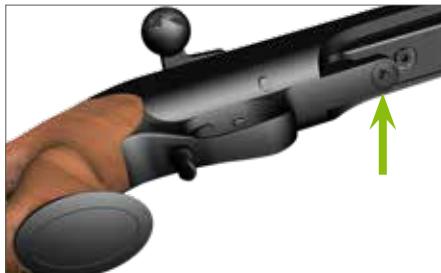
### **NOTICE:**

**Always ensure that the barrel bed is clean! An excess of unsuitable oil or gun grease between the barrel and the receiver can have a negative influence on the accuracy of your rifle.**

## 9. Changing the stock

### Disassembly of the forearm

- Press the fore-end lock and pull the fore-end forward.



### Disassembly of the buttstock

- Remove the scope.
- Deactivate transport safety.
- Make sure that the gun is unloaded.
- Remove the bolt-assembly.
- Remove the J1 key from the fore-end and open it.
- Pull and hold the trigger, pull and hold the cocking lever, then the trigger can be released.
- Turn the stock fastening screw now visible under the hammer approx. 3 turns to the left as far as it will go using the J1 key.



- Remove the buttstock.

### Assembly of the buttstock

- Place the buttstock on the receiver.
- Pull the cocking lever and keep it pulled.
- Turn the stock fastening screw approx. 3 turns to the right using the J1 key and tighten hand-tight.

### Mounting the forearm

- Insert the J1 key into the fore-end.
- Place the fore-end on the receiver from the front and push it back until the fore-end lock audibly engages.

## 10. Scope mount

The Jakele bolt action rifle model J1 is prepared for the original Jakele mounting. We assume that your scope has been correctly mounted on its assigned barrel by the authorized dealer.



### **ATTENTION:**

If the distance between the eye and the scope is too small and the rifle does not fit correctly on the shoulder, injuries cannot be ruled out when shooting with larger calibers.

Particularly in the case of powerful calibers, care must be taken to ensure a correspondingly large distance between the scope and the eye, as well as the correct shoulder fit.

## 11. Caliber

**Please note that the constant availability of the calibers listed below is not guaranteed for technical reasons, but the Jakele bolt action rifle J1 is basically available in the following calibers:**

- .222 Rem.
- .223 Rem.
- 6,5 Creedmoore
- .308 Win.
- .30-06
- 8x57 IS
- 9,3x62
- .300 Win. Mag.

## 12. Care and maintenance

Only products that we have tested for you and consider suitable should be used for gun care.

### **Barrel:**

Jakele rifle barrels are made of high-quality and tempered steel that meets the highest requirements in terms of purity, homogeneity and mechanical properties - especially in the highly dynamic range.

The material quality is monitored and documented by factory tests and constant quality controls.

After using the gun, the barrel must be cleaned and preserved with recommended oil, since powder residues in the chamber and barrel attract moisture. Special attention must be paid to the cartridge chamber: Hand sweat may get into the chamber via the cartridge, which can have an aggressive effect and lead to corrosion.

If there are significant bullet residues, chemical barrel cleaning is recommended. After chemical cleaning, the barrel and especially the chamber should be wiped dry and oiled.

### **Barrel outside:**

The barrel surface outside is plasma nitrided and BDC coated, which ensures excellent scratch resistance and very good corrosion resistance.

We recommend keeping the surface clean and removing contaminants with recommended gun oil. Especially if the barrel has been wet or sweated in a case, wipe dry.

### **ATTENTION:**

Never store the gun with the muzzle taped or covered! Always remove the silencer and open the bolt when storing the gun!

### **Barrel inside:**

The barrel inner surface including chamber are cold hammer-forged and have a very good surface quality. The smooth surface improves corrosion protection, but in no way replaces careful cleaning and maintenance.

### **Metal parts:**

Always keep all metal parts of the gun clean and lightly oiled.

**Never use shaft oil or non-recommended oils for the care of metal parts!**

### **Wooden Stocks:**

All wooden stocks from Jakele are provided with oil finish. We recommend regular treatment with recommended shaft care products.

**Gun oil is not suitable for stock care!**

## 13. Warranty conditions

### **ATTENTION:**

It is essential to remove wooden stocks from the receiver before treatment with recommended stock care products, so that no stock care product can get into or onto the receiver during treatment!

### **ATTENTION:**

When caring for hunting rifles, care must be taken to ensure that no oils or greases get into the trigger and lock system. Under certain conditions, oils and greases can resinify (harden) and thus cause dangerous malfunctions. Have the gun checked by a authorized dealer before each hunting season and before each hunting trip. Every firearm is a technical device that requires regular inspection.

### **1. Manufacturer warranty**

The warranty of Jakele Jagd + Natur GmbH & Co. KG is provided in addition to the dealer's statutory warranty claims and **always in accordance with the 10 rules (see p.3).**

The warranty is provided only to the first purchaser who is a resident of the country of purchase.

The warranty applies exclusively to the metal and synthetic parts of the rifle and to original Jakele scope mounts, but not to any optical devices.

Wooden parts on the rifle require special care and, as a natural product, are subject to natural change. The warranty for wooden parts is excluded.

The warranty period is ten years, commencing on the date of sale, and covers all defects and damage to the rifle (metal and synthetic parts) which can be proven to be due to material or manufacturing defects. Within this framework, the manufacturer assumes the cost of materials and labor.

For warranty work to be carried out, the firearm must be returned to the authorized dealer or to Jakele Jagd + Natur GmbH & Co. KG in Weitnau-Hofen.

The customer bears the risk and costs of transporting the weapon to and from the dealer. Warranty service is provided at the manufacturer's discretion by repair or replacement of defective parts; replaced parts become the property of the manufacturer.

## **2. Guarantee on the shooting performance**

The accuracy of a gun depends on many factors. The most important factor is the ammunition. Not every barrel shoots equally well with every type of ammunition; there can be significant differences in performance. Target optics and their mounting are equally significant.

Parallax, loose reticles, reticle adjustment defects, and poor mounting are the most common causes of unsatisfactory accuracy. Therefore, use professional-brand mounted scopes and match the ammunition to your rifle by testing several types of ammunition. Ammunition of the same make and laboratory may have different shooting performance and point of impact from manufacture to manufacture and from weapon to weapon. With optimally selected ammunition, target optics and mounting, we guarantee that our weapons will shoot very well.

Any complaints about the accuracy must be made in writing within 20 days from the date of sale. We reserve the right to send the weapon to an independent institute for inspection (DEVA or State Proof House).

In the event that a very good accuracy is confirmed there, we are entitled to claim the costs incurred for this from the customer.

Warranty services do not result in an extension or renewal of the warranty period for either the gun or the installed spare parts. The warranty period for installed spare parts ends with the warranty period for the entire gun.

## **4. Warranty exclusion**

The warranty is excluded in case of:

- Damage as a result of normal wear and tear, failure to observe the operating instructions or improper use or handling, and if the gun shows mechanical damage of any kind whatsoever.
- Damage due to force majeure or environmental influences.
- Repairs, machining or modifications to the gun by third parties.
- Use of reloaded or non-CIP approved ammunition.
- Execution of a surface treatment by third parties.
- Wooden parts are excluded from the warranty.

Further or other claims, in particular those for compensation for damages incurred outside the weapon (consequential damages), are excluded - unless liability is mandatorily ordered by law.

11-2021

Subject to technical changes

## **3. Warranty scope**

## Weapon cleaning - quick guide

- Insert the appropriate cleaning patch into the loop with the rough side facing outward and fasten (the cleaning patches are different colors depending on the caliber diameter).
- Lightly spray cleaning patch with Brumox gun care spray.
- The oil has the task to infiltrate/dissolve the dirt and at the same time this serves as corrosion protection.
- Push the synthetic-coated steel cable from the cartridge chamber in the direction of the muzzle through the barrel to be cleaned and pull it through from the muzzle.
- The cleaning patch now builds up pressure and cleans the inside of the barrel with the help of the oil
- Pull the steel cable with cleaning patch through until the barrel is clean.
- As long as there is a strong squeaking noise or it still feels very rough when pulled through, the inside of the barrel is still dirty and must be cleaned further.

## **IMPORTANT!** Please be sure to note!

- Using a lightly oiled cloth, clean all external steel parts and surfaces as well as the threads and muzzle. This will remove the dirt as well as hand sweat from the gun and provide you with new corrosion protection.
- A layer of baked-on nitrocellulose powder often develops at the muzzle, which must be removed regularly.
- Additionally, make sure to clean the cartridge chamber regularly.
- The cartridge chamber is often very dirty because you introduce hand perspiration via the cartridge - this is often neglected

### Video



#### Product video:

A short product information you can find under:  
<https://youtu.be/1SWAiLYrPlU>

## Jakele Cleaning Kit Field Kit

### The cleaning set for daily use

- Synthetic insulated steel cable for gun barrel cleaning with interchangeable loops for fixing the cleaning patches.
- Double-sided cleaning patches with rough and fine structure.
- Different color cleaning patches in different designs depending on the caliber.



### The field kit set includes:

- 1 x steel cable incl. jakele plate with changeable loop
- 12 pcs. Cleaning patches, optionally in one of the above colors

Color	Field kit set for caliber	Item no. Cleaning kit	Item no. Set of 12 replacement patches
Brown	Kal. 4,5 mm – .17	3110021-008	3110036-008
Beige	Kal. 5,6 mm	3110021-001	3110036-001
Green	Kal. .243 – 6,5 mm	3110021-002	3110036-002
Blue	Kal. 7 mm	3110021-003	3110036-003
Pink	Kal. .30	3110021-004	3110036-004
Red	Kal. 8 mm – .338	3110021-005	3110036-005
Brown	Kal. 9,3 mm	3110021-006	3110036-006
Green	Kal. 10,3 mm/.44/.45	3110021-007	3110036-007

## BRUNOX gun care spray

- 300 ml, perfect for barrel cleaning



Item no. 3120005-002

## Jakele ceramic high performance coating

Maintains the functional performance and accuracy of weapons in the long term and protects highly effectively against wear.

- 100 ml
- For all types of rifles, pistols and knives
- Non-greasy, despite extreme sliding properties
- Temperature resistant from -40 °C to +75 °C



Item no. 3120003-001





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