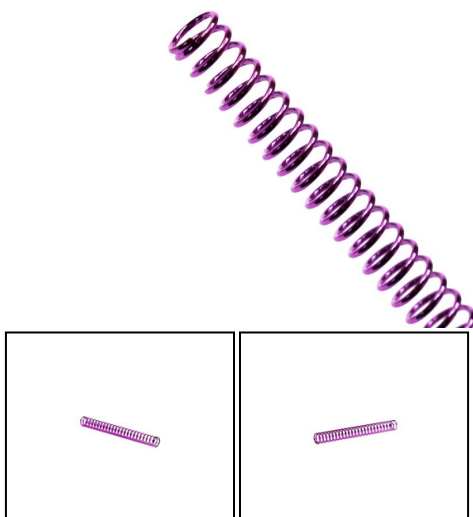




NEW

SKU	Designation	French Law	Colors	MSRP
A61360	Waldo Dynamics Ion AAP-01 recoil spring	Vente libre	Orange	16.00 € incl. tax

A recoil spring designed to accelerate the cycle and improve the responsiveness of prepared AAP-01s.

Ion Waldo Dynamics Hi-Capa recoil springs are available in **120%, 130%, and 140%** spring rates to adapt cycle speed and mechanical behavior to each configuration. Their low-friction finish promotes smooth compression, with a color-coded system for immediate identification of each spring rate.

- **Brand:** Waldo Dynamics
- **Range:** Ion
- **Type:** Nozzle spring for GBB pistol
- **Tare weight:** 140%
- **Material:** Steel
- **Finish:** purple coating to reduce friction
- **Packaging:** 2 springs
- **Compatibility:** various Hi-Capa and 1911 models
- **Compatible brands:** Tokyo Marui, WE, Vorsk, Raven and Army Armament

A 140% nozzle spring for fast cycles

The **Ion Waldo Dynamics Hi-Capa 140% nozzle springs** were developed to meet the high operating rates of **Hi-Capa GBBs**. With a spring rate of **140%**, the spring ensures a strong nozzle return during the cycle.

This feature makes perfect sense on configurations geared towards fast operation, such as those found in **Speedsoft**, IPSC Airsoft competitions, or simply on Hi-Capas prepared to offer high responsiveness.

A nozzle return adapted to reactive configurations

On a Hi-Capa, the spring directly contributes to the nozzle's return after each cycle. As the rate of print increases, this small part must be able to consistently keep pace with the mechanism's repeated movements.

After several months of development and testing, **Waldo Dynamics** selected this 140% configuration to combine **nozzle responsiveness** and durability. The goal is to maintain smooth movement even under heavy loads.

Heavy-duty steel construction

The spring is made of **steel** to withstand the repeated compressions inherent in the operation of a GBB pistol. This construction is particularly suited to the demands of Hi-Capa pistols used at high rates of fire and subjected to numerous cycles during a session.

The design is therefore not limited to increasing tension. **Waldo Dynamics** also worked on the finish and behavior of the spring to ensure consistent operation over time.

Purple coating to reduce friction

The distinctive purple finish of the **Ion** range immediately gives the spring a unique visual identity. It also allows for easy identification of the part during disassembly or when a workshop maintains several different spring rates.

This coating is also designed to **reduce friction** during operation. This allows the spring to move more freely with the nozzle and helps maintain a smooth cycle.

Compatible with many Hi-Capa and 1911 cartridges

Compatibility covers various **Hi-Capa** and **1911 GBB** models offered by several major airsoft manufacturers. The manufacturer specifically indicates compatibility with various replicas **from Tokyo Marui, WE, Vorsk, Raven, and Army Armament** .

However, spring rate alone is not a sufficient criterion for determining the ideal spring for all configurations. A GBB's performance also depends on its preparation, the other components installed, and the climatic conditions in which it is used.

Two ion springs in each sachet

Each pack contains **2 Ion 140% nozzle springs** . The second can be kept as a spare in a maintenance kit or used directly to equip another compatible replica.

This is a particularly practical packaging solution for regular users and airsoft technicians: this heavily used part remains immediately available when maintenance becomes necessary.

FAQ

What is the spring rate of the Ion Hi-Capa nozzle?

Waldo Dynamics Ion springs have a spring rate of **140%** . They are designed to ensure a strong nozzle return and to support the fast cycles of compatible Hi-Capa cartridges.

Which Hi-Capa and 1911 cartridges are compatible with these springs?

They are compatible with various **Hi-Capa and 1911** models from brands such as **Tokyo Marui, WE, Vorsk, Raven, and Army Armament** . However, the exact configuration of the replica and other installed components may influence the choice of firing pin.

How many springs are supplied in a bag?

Each pack contains **2 Ion 140% nozzle springs** , allowing you to immediately keep a spare part or equip two compatible replicas.

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