



NEW

SKU	Designation	French Law	Colors	MSRP
A61377	Waldo Dynamics hop-up joint Crimson GBB 65°	Vente libre	Orange	16.00 € incl. tax

A 65° NBR hop-up bucking designed to improve centering and consistency of BBs in GBB.

The **Crimson Waldo Dynamics GBB 65° hop-up bucking** combines **65° NBR rubber** with a two-point support and a reinforced inlet to limit over-chambering. Suitable for BBs weighing 0.28 to 0.40 g, it promotes more consistent BB positioning and a more predictable trajectory.

- **Brand: Waldo Dynamics**
- **Model: Crimson GBB Hop-Up Bucking**
- **Type:** GBB/VSR hop-up bucking
- **Hardness:** 65°
- **Material:** NBR rubber
- **Recommended marble weight:** 0.28 to 0.40 g
- **Support:** Two-point contact patch
- **Design:** Reinforced inlet limiting over-chambering
- **Centering:** alignment fin
- **Compatibility:** platforms using a compatible GBB/VSR standard joint

A versatile GBB 65° hop-up joint

The **Waldo Dynamics Crimson GBB 65° hop-up bucking** was developed as a versatile version of the Crimson range. Its **65°** hardness is particularly suited to BBs weighing between 0.28 and 0.40 g and allows it to function on a wide variety of compatible GBB and GBBR pistols.

However, its design is not limited to the choice of hardness. The entry profile and patch geometry were worked on for over a year to influence the BB's positioning even before the hop-up effect is applied.

A design conceived to combat over-chambering

On some **GBBRs** , the mass and speed of the moving parts can push the BB slightly too far into the hop-up bucking during the cycle. This phenomenon, called **over-chambering** , results in a less consistent BB position relative to the hop-up's contact area.

The Crimson uses a **thicker, more resistant initial inlet** for this purpose. It offers more resistance to the passage of the BB in order to limit its excessive movement under the action of the nozzle and to promote more repeatable positioning before each shot.

Two points of contact to center the ball

The internal patch features a geometry with **two contact points** separated by a central valley. This shape guides the BB towards the center while applying the pressure necessary to create the hop-up effect.

In practice, the combination of this double support and the over-chambering limiting system aims to make the placement of each ball more consistent. Improved repeatability in this area directly contributes to more predictable trajectories.

Durable 65° NBR rubber

Waldo Dynamics uses **NBR rubber** rather than a traditional silicone formulation. This material was chosen in particular for its mechanical resistance and durability, two desirable qualities for a seal that is regularly subjected to the stresses of BBs and the cycles of a GBB.

Its 65° hardness offers a compromise for versatile use. For configurations using heavier balls or a particularly large moving mass, Waldo Dynamics also offers a firmer 70° Crimson version.

Optimized for 0.28 to 0.40 g pellets

The **Crimson 65°** version is recommended for BBs weighing between **0.28 and 0.40 g** . It is therefore the versatile choice in the range for GBB configurations using medium to heavy BB weights.

The 70° version is better suited to BBs weighing 0.30 to 0.45 g and more, as well as configurations equipped with a particularly heavy or steel bolt. The choice therefore depends as much on the BB weight as on the replica's mechanical behavior.

Tested on numerous GBB and GBBR platforms

The Crimson 65° has been tested on a wide selection of platforms: **VFC AR/M4 EVO, AK, MP5, G36, G3, M249, PPSH and MP7** , as well as on VFC G-Series pistols.

The tests also covered numerous **Tokyo Marui GBB pistols** , including the G17, Hi-Capa, and USP, as well as the MWS M4. Additional tests included the APFG MCX, MPX, and XM7, the GHK M4/416, the Vipertech M4 equipped with a Meach Hop-Up chamber, and the Maruyama ISO-556.

The results can naturally vary depending on the platform, the mass of the moving assembly, the recoil spring, the weight of the balls, the ambient temperature, the energy sought and the pressure of the gas used.

FAQ

What weight of BBs should I use with Crimson 65°?

The **Crimson GBB Hop-Up Bucking 65°** is particularly suited to BBs weighing between 0.28 and 0.40 g. For higher BB weights or very heavy moving assemblies, the 70° version may be preferred.

What is the difference between Crimson 65° and Crimson 70°?

The **Crimson 65°** is the all-purpose version recommended for BBs weighing 0.28 to 0.40 g. The firmer Crimson 70° is better suited for BBs weighing 0.30 to 0.45 g and more, as well as GBBs equipped with a particularly large moving mass.

What is over-chambering on a GBBR?

Over-chambering occurs when the nozzle pushes the BB slightly too far beyond the optimal hop-up patch position. The reinforced inlet of the Crimson is designed to minimize this phenomenon and promote more consistent BB placement.

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