

# Dillon RL550 ToolHead - Zero Play - Free Float ready

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## What does the floating die toolhead do?

This Free-Float, Zero-Play Toolhead has lock rings that allow the sizer and seater dies to float. This floating action allows the dies to center themselves exactly over each cartridge for the best possible alignment and more concentric ammunition.

## What is Zero Play?

This toolhead does not use original toolhead pins supplied by Dillon. This toolhead is bolted with two M3 bolts and lifts toolhead into upmost position. When you cycle cases downwards toolhead does not move and cases go out in straight line. Best practice is to loosen M3 bolts a little bit and push index shellplate with case in to dies and tighten M3 bolts in toolhead best position.

NO IMAGE  
AVAILABLE

## What is concentricity and what does it matter?

Concentricity refers to how straight the bullet is on top of the loaded round. A bullet that is straight will enter the rifling in the barrel that way. Bullets that enter the rifling slightly crooked do not shoot with their highest accuracy.

## What's wrong with using the OEM toolheads?

The Dillon presses are great machines made to high quality standards. However, the cast toolheads have limitations. How do we know if the toolhead flange is flat? How do we know that each threaded station in the toolhead is in perfect alignment with the shellplate? How do we know that the stations are equally spaced? All of these areas compound for possible misalignments and lead to ammunition that isn't quite as concentric as it could be. The toolhead is the final link between your dies and your press so it only makes sense that quality is extremely important. With over 100,00 EUR of dies, powder measure, and other accessories mounted in your toolhead, don't you want to know it's the best available!

## What is different about the new CNC Machined Toolhead?

These toolheads are made to the highest standards. They are CNC machined from 6082 aluminum, which is much stronger and has less flex than a cast toolhead. All critical dimensions are machined in a single operation, ensuring that all surfaces are true and aligned relative to each other. The die holes are positioned with a very high degree of accuracy and the 7/8-14 threads are machined to tight tolerances for precise fit and alignment, yielding dies that are more precisely centered in each hole and better aligned to the cartridge cases in the shellplate. The flange is also flatter than can be achieved with a cast toolhead.

- Made in Europe
- Include M3 bolts and hex key
- Ready for Free-float rings

## Attributes

- Name: [ARMANOV Dillon RL550 ToolHead - Zero Play - Free Float ready](#)
- Manufacturer: [ARMANOV](#)
- Product no.: EU2009906
- Mfr. No.: DTH550FF-BL
- Colour: Black
- Material: Aluminum
- Delivery weight: 0.254kg
- Shipping height: 35mm
- Shipping width: 103mm
- Shipping length: 105mm
- EAN: 0712195457070

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# Safety Instruction Guide for ARMANOV Dillon RL550 Toolhead Zero Play Free Float Ready

## Introduction

Thank you for choosing the ARMANOV Dillon RL550 Toolhead Zero Play Free Float Ready. This toolhead is designed to enhance your reloading experience by providing superior alignment and concentricity. However, it is important to use this product safely and correctly. This guide provides essential safety instructions, installation guidelines, and information on proper usage to ensure a safe and effective reloading process.

## General Safety Guidelines

- Always ensure that the toolhead is properly secured before use.
- Inspect the toolhead and all components for any signs of damage or wear before each use.
- Keep the toolhead and workspace clean and free from debris to avoid operational hazards.
- Use personal protective equipment (PPE) such as safety glasses and gloves when handling reloading components.
- Store the toolhead in a dry, cool place away from direct sunlight and moisture.
- Ensure the toolhead is only used with compatible Dillon RL550 presses.
- Follow all manufacturer instructions for your press and reloading components.

## Specific Safety Precautions for Use

- **Avoid Overtightening:** Do not overtighten the M3 bolts when securing the toolhead, as this may cause damage or misalignment.
- **Check Alignment:** Regularly check that the dies are correctly aligned with the cartridge cases to ensure concentricity.
- **Monitor for Wear:** Be aware of any unusual wear on the toolhead or dies, and replace them as necessary.
- **Handle with Care:** When installing or removing the toolhead, handle it carefully to avoid dropping or damaging it.
- **Keep Out of Reach of Children:** This product is not intended for use by children. Ensure it is stored safely out of their reach.

## Instructions for Installation and Usage

### 1. Installation:

- Ensure your Dillon RL550 press is turned off and unplugged.
- Remove any existing toolhead from the press.
- Position the ARMANOV Dillon RL550 Toolhead in the press.
- Secure the toolhead using the provided M3 bolts. Tighten the bolts gently to avoid overtightening.
- Verify that the toolhead is seated properly and does not wobble.

### 2. Usage:

- Before starting your reloading process, ensure that the sizer and seater dies are properly adjusted.
- Cycle the cases downwards to confirm that the toolhead remains stationary and the cases exit in a straight line.
- For best results, slightly loosen the M3 bolts and push the index shell plate with a case into the dies, then retighten the bolts in the optimal position.
- Regularly check the concentricity of the loaded rounds by measuring the bullet alignment.

## **Disposal Instructions**

- Dispose of the toolhead and any damaged parts in accordance with local regulations for metal recycling.
- Ensure that any hazardous materials, such as lubricants or chemicals used during the reloading process, are disposed of properly.
- Do not dispose of the toolhead in regular household waste.

## **Contact Information for Further Support**

For any questions or concerns regarding the ARMANOV Dillon RL550 Toolhead Zero Play Free Float Ready, please refer to the manufacturer's website or customer service for assistance.

Thank you for your attention to these safety instructions. By following these guidelines, you can ensure a safe and efficient reloading experience with your ARMANOV Dillon RL550 Toolhead.

# About Us

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