

# CAM PIN BY SOTAR - FORWARD CONTROLS DESIGN SOTAR CAM PIN, NP3 COATED

[Home](#)

SCP (SOTAR Cam Pin) is a collaboration between Chad Albrecht of School of American Rifle) and Forward Controls Design. SCP features a machined dimple on one side of the carrier cam pin, so the user can always reinstall the cam pin on the carrier in the same orientation. Cam pin usually wears more heavily on one side, putting the cam pin in one direction, then another randomly creates uneven wear on the cam pin, and it becomes sloppy and loose in the bolt.

When the cam pin is installed always facing the same direction, it leaves one side less worn and more intact, this has the effect of better maintaining a tight fit of the cam pin in the bolt, and reduces wear cam pin itself as well as on the cam pin bore on the bolt. The idea of SCP, or consistently reinstalling the cam pin in the same orientation, isn't so much about saving the cam pin as it is reducing the resulting wear and stress introduced to the bolt. Chad Albrecht is a well respected armorer and instructor, Forward Controls Design (FCD) saw what he has done on a few cam pins, and it piqued interest. SCP is one of these "why didn't I think of it" moments for FCD, eminently simple and elegant, it's very much in line with FCD's own design philosophy. Chad Albrecht of SOTAR explains the benefits of reinstalling the cam pin in the same orientation in this video: <https://youtu.be/VuZ4TgoR1Zk> There is a thread on M4Carbine.net on this very issue as well:

<https://www.m4carbine.net/showthread.php?134117-Cam-pin-wear-as-a-contributor-to-bolt-failure> SCP is based on the TDP spec cam pin, dimpled on one side, and NP3 or nitride coated. Indeed, the NP3 SCP is incorporated into the SBCG, starting from December, 2019 production units. FCD encourage you to visit the School of American Rifle page for more info on Chad Albrecht and SOTAR : <https://www.schooloftheamericanrifle.com/> AR Build Junkie recently did an interview with Chad Albrecht re: SCP, the article can be found here: <https://www.arbuildjunkie.com/school-of-the-american-rifle-sotar-new-products-partnerships/> Machined in 4340 and heat treated per TDP specs. NP3 coated. Made in USA. SCP is incompatible with KAC SR15 BCG.



## Attributes

- Name: [FORWARD CONTROLS DESIGN SOTAR CAM PIN, NP3 COATED](#)
- Manufacturer: [FORWARD CONTROLS DESIGN](#)
- Product no.: 430103544
- Mfr. No.: SCP, NP3
- Weapon type: AR-15
- Delivery weight: 0.204kg
- Shipping height: 152mm
- Shipping width: 13mm
- Shipping length: 76mm
- UPC: 686162347858

## Item details

Made in USA

US export classification: 0A501.x

# Table of Contents

- Startpage
- Safety Instruction Guide for CAM PIN BY SOTAR FORWARD CONTROLS DESIGN SOTAR CAM PIN, NP3 COATED
- About Us

# Safety Instruction Guide for CAM PIN BY SOTAR FORWARD CONTROLS DESIGN SOTAR CAM PIN, NP3 COATED

## Introduction

Thank you for choosing the CAM PIN BY SOTAR FORWARD CONTROLS DESIGN. This product is designed to enhance the performance and longevity of your firearm. To ensure safe use and compliance with the EU General Product Safety Regulation (GPSR), please read this safety instruction guide carefully before using the product.

## General Safety Guidelines

- Ensure that the product is used only for its intended purpose in accordance with the manufacturer's specifications.
- Always handle firearms and related components with care and follow standard safety practices.
- Keep the product out of reach of children and vulnerable individuals.
- Regularly check for any signs of wear or damage to the product; discontinue use if any issues are found.
- Report any unsafe products or accidents to the relevant authorities.
- Stay informed about recall updates via the EU's Safety Gate platform.

## Specific Safety Precautions for Use

- Always install the cam pin in the same orientation to prevent uneven wear and ensure a tight fit.
- Do not use the cam pin if it shows signs of excessive wear or damage.
- Ensure that the cam pin is compatible with your specific bolt carrier group (BCG); it is not compatible with KAC SR15 BCG.
- Follow all local laws and regulations regarding firearm modifications and accessories.
- Use appropriate safety gear when handling firearms, including eye protection and hearing protection.

## Instructions for Installation and Usage

### 1. Preparation:

- Ensure that the firearm is unloaded and pointed in a safe direction.
- Gather necessary tools for installation.

### 2. Installation:

- Locate the cam pin bore on the bolt carrier group.
- Align the dimpled side of the cam pin with the carrier and insert it into the bore.
- Ensure that the cam pin is installed in the same orientation as it was previously used to prevent uneven wear.

### 3. Usage:

- Regularly inspect the cam pin during routine maintenance.
- If reinstalling, always ensure the same orientation is maintained.

### 4. PostUsage:

- Clean the cam pin and surrounding components after each use to prevent buildup of debris and residue.

- Store the product in a dry place, away from moisture and extreme temperatures.

## **Disposal Instructions**

- Dispose of the cam pin in accordance with local regulations and guidelines for firearm components.
- Do not dispose of the product in regular household waste.
- Consider recycling options if available in your area.

## **Contact Information for Further Support**

For any inquiries related to safety, installation, or usage of the CAM PIN BY SOTAR FORWARD CONTROLS DESIGN, please consult the manufacturer's website or reach out to their customer support team.

Thank you for your attention to these safety instructions. Your safety and satisfaction are our top priorities.

# About Us

## Brownells UK

### **Brownells UK - World's Largest Supplier of Gun Parts, Gunsmith Tools & Shooting Accessories**

Unit 1, Laughing Dog Industrial Estate  
London Road  
Rugby  
Warwickshire  
CV23 9LP

[www.brownells.co.uk](http://www.brownells.co.uk)