

**BOWDEN**  
TACTICAL



PRODUCTS FOR **AR** BUILDERS... WE CALL THEM **AR**\*CHITECTS.



Brothers LA Arms, Hammond, LA



**PRODUCT CATALOG**

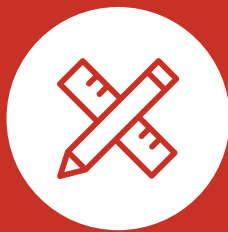
WINTER/SPRING 2024



# BOWDEN TACTICAL IS YOUR US-BASED MANUFACTURING PARTNER FOR CUSTOM AR HANDGUARDS.



The time and capital investment required to build your own brand can be overwhelming. Finding a partner that will help you design and produce AR handguards isn't easy. Bowden Tactical is the solution to those challenges! Whether it's our off the shelf handguards (Cornerstone, Foundation, AirRail or AR-V), Custom handguards (Elevation Series or AirRail Series) or Design Your Own handguards (Signature Series), we're here to help you set yourself apart from the crowded marketplace. With Bowden Tactical, you can be assured that your designs will be brought to life within weeks, not months. All produced right here in the USA.



**SUBMIT YOUR  
DESIGN**



**ORDER DIRECT  
FROM BOWDEN**



**BRING YOUR  
DESIGN TO LIFE**



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# AR10 & AR15 HANDGUARDS

## SERIES OVERVIEW

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**WE HAVE THE COMPLETE RANGE OF HANDGUARDS TO SUIT YOUR NEEDS.**



### **CORNERSTONE SERIES**

#### **VALUE STOCK HANDGUARDS**

Our AR\*chitect AR15 Cornerstone Series handguards are designed to be slim and light. A low cost alternative to foreign-sourced handguards. American made quality at an import price.



### **FOUNDATION SERIES**

#### **PREMIUM STOCK HANDGUARDS**

The AR\*chitect Foundation Series handguards are slim, lightweight, and provide the ultimate level of comfort. This is a step above your basic rail.



### **AirRail SERIES**

#### **LIGHTWEIGHT CUSTOM HANDGUARDS**

Our newest entry in the AR\*chitect Custom handguard program, AirRail Series combines extra lightweight with strength and durability. Choose from custom design features with No Engineering Fees, and remarkably low MOQ's. Either off-the-shelf or Custom design options are available.



### **ELEVATION SERIES**

#### **CUSTOM HANDGUARDS**

Through the AR\*chitect Elevation Series, choose from 9 options and build it the way you want it. Almost 10,000 aspect combinations. No Engineering Fees, 4 standard lengths, and extremely low MOQ's. White box labeling available — build your own brand!



### **SIGNATURE SERIES**

#### **FULLY CUSTOM HANDGUARDS - You Can Design Your Own Rail**

With the AR\*chitect Signature Series, we will bring your designs to life by crafting your own unique handguards. In addition, our AR10 and AR15 platforms now include the AirRail Series option — the lightest aircraft-grade aluminum handguard on the market! From start to finish, Bowden is here to give you the competitive edge in handguard design.



# THE TEAM

MEET THE TEAM THAT TAKES GREAT PRIDE IN BRINGING YOUR HANDGUARDS TO LIFE!



Bob and Adam



Brandon, Randy and Riley



Josh



Danny, Tammy, Taryn and Andrea



Nick and Patrick



Rick and Jim



## CORNERSTONE SERIES HANDGUARDS



Our AR\*chitect AR15 Cornerstone Series handguards are designed to be slim and light. With an overall width of 1.5", interior width of 1.3", and a lightweight 9.5 oz. for the 15" model, these handguards provide the ultimate in comfort. Every handguard includes a 4140 pre-heat treated steel barrel nut that has been nitrided, not phosphated. The two-inch long barrel nut ensures a rigid mount for all accessories. All parts are American made from American sourced 6061 T6 extruded aluminum.

M-LOK slots at the 3, 6, and 9 positions are manufactured to MAGPUL standards to ensure proper fitment with any MAGPUL certified accessories.

### TECH SPECS

- **Lengths:** 7", 10", 13", 15"
- **Tops:** Competition Top or Full Flat Top
- **Inside Diameter 1.44" Outside Diameter 1.63"** (AR10)
- **Inside Diameter 1.30" Outside Diameter 1.50"** (AR15)
- **Finish:** Type III, class 2 black hard-coat anodizing
- **Material:** 6061 T-6 US made extruded aluminum
- **Barrel Nut:** 4140 pre-heat treated US made steel
- **Barrel Nut Wrench:** 1 13/16" (AR15), 1 3/8" (AR10)
- **Torque Specs:** 36-60ft/lbs (AR10 or AR15)
- **Screw Specs:** - 32 in/lbs for tightening screws



## FOUNDATION SERIES

### PREMIUM STOCK HANDGUARDS

- Slim, lightweight handguard (only 13 oz. w/barrel nut for 15" length)
- Anti-rotation tabs ensure a clean fit with either forged or billet uppers
- MLoc slots at the 3-6-9 positions
- Steel-on-Steel fastening

#### TECH SPECS

- **Lengths:** 7", 10", 13", 15"
- **Tops:** Competition Top ALL LENGTHS  
Full Flat Top 13", 15" only
- **Inside Diameter 1.44" Outside Diameter 1.63" (AR10)**
- **Inside Diameter 1.30" Outside Diameter 1.50" (AR15)**
- **Material:** 6061 T-6 US made extruded aluminum
- **Finish:** Type III, class 2 black hard-coat anodizing
- **Barrel Nut:** 4140 pre-heat treated US made steel
- **Barrel Nut Wrench:** 1 13/16" (AR15), 1 3/8" (AR10)
- **Torque Specs:** 36-60ft/lbs (AR10 or AR15)
- **Screw Specs:** - 32 in/lbs for tightening screws





# ELEVATION SERIES



## One-of-a-Kind Handguards for Every AR Owner

**Fully Customizable Rails Designed by You and Engineered by the Experts**

With the AR-chitect® Elevation Series, Bowden Tactical offers the simplest and most cost-effective method for individuals and OEMs to differentiate their ARs through truly custom handguards. Bowden has engineered their option selection and production systems to provide:

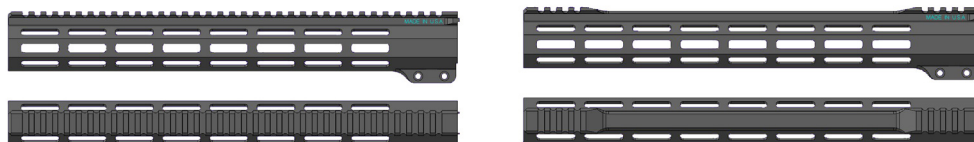
- Custom Configuration Menu with almost 10,000 possible Combinations
- Low Minimum Order Quantity for OEMs – Just **50** Pieces Per Length
- No Engineering Fees

### Build Your Own –

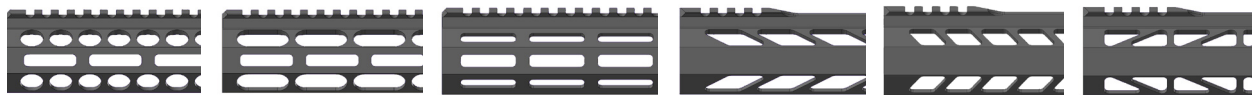
- 1. Select your model:** AR10 or AR15
- 2. Select your length:** AR10 (13" or 15"), AR15 (7", 10", 13" or 15")
- 3. Choose Your Features** and Submit Entry
- 4. Receive Rendering** for Approval within 2 Business Days

## BUILD-YOUR-OWN HANDGUARD FEATURE SELECTIONS:

### 1. Full Flat Top or Competition-Style



### 2. Six 45-Degree Side Options – Holes/Slots/M-Loks/Diamonds/Parallelograms/Triangles

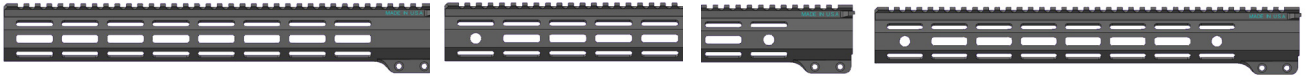


### 3. M-Lok for Lights & Lasers (on top 45s)





**4. Four Quick-Release Sling Mount Options – None/Front/Back/Both**



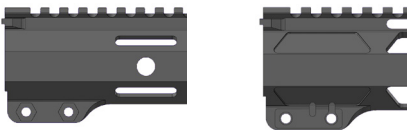
**5. Four Under-Rail Options – Plain/Holes/Slots/Alternating**



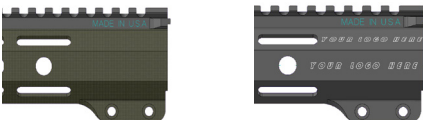
**6. Four Top Rail Options – Plain/Holes/Slots/Squares**



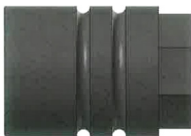
**7. Two Attachment Options – Standard/Retention System (Additional \$7.95/each) *Patent No. 10145648***



**8. Logo Options – None/Laser-Engraved or Machine-Engraved (Additional \$5/each)**



**9. Barrel Nuts – Standard 4140 Pre-Heat Treated Steel/6061 Aluminum (\$5/each)/7075 Aluminum (\$10/each)**



Raw Aluminum, Black Hardcoat Anodized & Cerakoted Options Available | Made in USA

## AIRRAIL SERIES

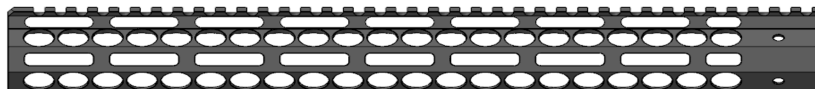


### The Lightest Aircraft-Grade Aluminum AR Handguards on the Market!

The AirRail Series is our newest entry in the AR\*chitect program. Our Engineering Team has combined a bolt-on design with strength and durability to produce a handguard that weighs **less than 6 oz** (15" length)! AirRail is available in two off-the-shelf designs (STANDARD and MLok), two lengths (13" and 15") and two tops (Full Flat Top and Competition). A pre-heat treated 6061 aluminum barrel nut and fastening hardware is included. AirRail is also available as part of our Custom Design or OEM programs.



#### AirRail-STANDARD



#### AirRail-MLok



#### TECH SPECS

- **Lengths:** 13" and 15"
- **Weight:** 13": 5.5 oz., 15": 6.24 oz.
- **Top:** Full Flat Top or Competition Top
- **Inside Diameter** 1.30" **Outside Diameter** 1.437"
- **Finish:** Type III, class 2 black hard-coat anodizing
- **Material:** 6061 T-6 US-made extruded aluminum
- **Barrel Nut:** 6061 aluminum
- **Barrel Nut Wrench:** 1 13/16"
- **Torque Specs:** 36-60 ft/lbs
- **Screw Specs:** 32 in/lbs for tightening screws

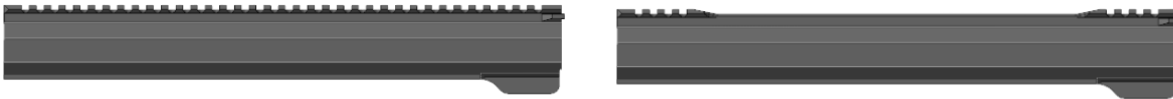


## AIRRAIL SERIES-CUSTOM BUILD YOUR OWN:

1. **Select Your Length:** 13" or 15"
2. **Choose Your Features** and Submit Entry
3. **Receive Rendering** for Approval within 2 Business Days
4. **50 Pc. per length MOQ** *and* No Engineering Fees
5. **Includes** 6061 aluminum barrel nut

## BUILD-YOUR-OWN HANDGUARD FEATURE SELECTIONS:

1. Full Flat Top or Competition-Style



2. Two 45-Degree Options – *Triangles & Parallelograms / Triangles Only*



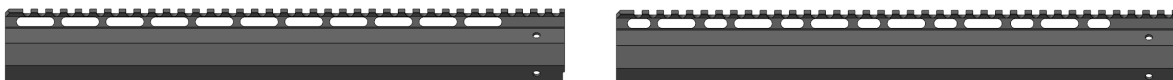
3. Two MLocs for lights and lasers



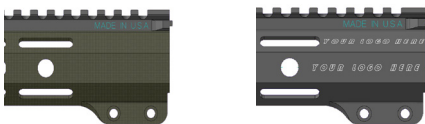
4. Quick-Release Sling Mount Option – *Front Only / None*



5. Two Under Rail Options – *Slots / Alternating Slots*



6. Logo Options – *None / Laser or Machine Engraved (+ \$5.00/each)*



## SIGNATURE SERIES



### FULLY-CUSTOMIZED HANDGUARDS

You've done the research and discovered the incredible barriers that exist in bringing your handguard design and brand to life. First there's the enormous Engineering fees to develop the design and the programming. The typical minimum order quantity from other manufacturers is 1000 pieces or more to produce your custom handguard. At Bowden Tactical, we'll take your ideas and build AR10 or AR15 handguards the way you want them. With an Engineering fee of just under \$2500, and only (50) pieces per length required, it's the most affordable way to have a creation all your own. Choose from several different extrusion platforms to give your customers what they want. From start to finish, Bowden is here to give you the competitive edge in AR handguard design.



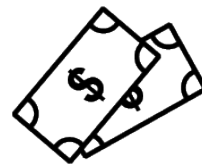
#### DREAM IT

Work through your ideal Handguard look with our team. Whether you've got a specific idea or have seen something you like, we can help sort our design options to create your new favorite design.



#### HOLD IT

From screen shots to sample parts, you'll see your ideas come to life! Together we'll go from concept to 3D models, to a sample part. You'll love it! Or we won't move into production.



#### SELL IT

Welcome to your new look! You'll assemble, test, and approve the samples before we start production. Your new Signature look will set your ARs apart from the rest!



# SIGNATURE SERIES



## DESIGN-YOUR-OWN HANDGUARDS

The sky is the limit! We can start from a cocktail napkin sketch or a fully engineered CAD model and get you the Handguard of your dreams. If you're not sure, we can talk you through it.



Photo Credit: Brothers LA Arms, LA

## 3 STAGES TO THE PROCESS:

- 1. Preliminary Design** – We'll work with your ideas to build the 3D model and send you screen shots to approve.
- 2. Production Sample** – Once the Preliminary Design is approved, we'll make one for you and get it in your hands. We won't start into production until you love your design.
- 3. Initial Production** – Once the sample is approved, we'll schedule your item for production. You'll receive email updates every week so you know exactly where your handguard is in the production cycle. Upon completion, we'll ship your order in full.

Low Engineering Fee: \$2,495.00

- \$895.00 gets the process started!
- \$800.00 due when Preliminary Design is approved
- \$800.00 due when Production Sample is approved

Your Design is All Yours – We will never produce or sell your Handguard design to anyone else.  
**Your design is your design...period.**

## AR-10 HANDGUARDS



Our AR\*chitect AR10 Foundation Series handguards are designed to be slim and light. With an OD of 1.63", an ID of 1.44", and a lightweight 12 oz. for the 15" model, these handguards provide the ultimate in comfort. Choose from either high or low profile – we've got what you need. All parts are made right here in Ohio, using 6061 T6 extruded aluminum made in the USA.

M-LOK slots at the 3, 6, and 9 positions are manufactured to MAGPUL standards to ensure proper fitment with any MAGPUL certified accessories.

### TECH SPECS

- **Lengths:** 13", 15"
- **Tops:** Full Flat Top, Competition Top
- Available in Cerakote colors
- .308 HIGH or LOW profile
- **Inside Diameter:** 1.44" Outside Diameter: 1.63"
- **Material:** 6061 T-6 US-made extruded aluminum
- **Finish:** Type Type III, Class 2 black hard coat anodizing or Brites
- **Barrel Nut:** 4140 pre-heat treated US-made steel
- **Barrel Nut Wrench:** AR10-1 3/8"
- **Torque Specs:** 36-60 ft/lbs
- **Screw Specs:** - 32 in/lbs for tightening screws



# AR-V HANDGUARDS



4.25"



5"



7"



Our AR\*chitect AR15 AR-V Handguards are designed to give you that MP5 look at a fraction of the cost of an MP5. While these will work on direct impingement gas systems, they are primarily designed for blow-back pistol caliber applications. A two inch long barrel nut ensures rigid mounting for rock solid accessory mounting.

## TECH SPECS

- **Lengths:** 4.25", 5", 7"
- **Top:** Full Flat Top
- **Inside Diameter** 1.30" **Outside Diameter** 1.42" (AR15)
- **Material:** 6061 T-6 US made extruded aluminum
- **Finish:** Type III, class 2 black hard-coat anodizing
- **Barrel Nut:** 4140 pre-heat treated US made steel
- **Barrel Nut Wrench:** 1 13/16" (AR15)
- **Torque Specs:** 36-60ft/lbs
- **Screw Specs:** - 32 in/lbs for tightening screws



WHETHER IT'S OFF-THE-SHELF,  
CUSTOMIZABLE, OR DESIGN YOUR OWN,  
WE HAVE THE AR HANDGUARDS YOU NEED.

WE BUILD PRODUCTS FOR **AR** BUILDERS...

WE CALL THEM **AR**\*CHITECTS.

**BOWDEN**  

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**TACTICAL**