



PRECISION
ARMAMENT





OUR COMPANY

A modern CNC manufacturing facility based in Wellsville NY, Precision Armament specializes in high-end tactical firearm accessories including: muzzle devices/accessories, scope rails, control accessories, and bottom metal. Intended primarily for use on purpose-built tactical weapons as well as high performance competition and hunting rifles, our products are designed with an emphasis on rock solid reliability as well as accuracy, light-weight, and ergonomics. From the use of sophisticated FEA software to multi-axis machining of exotic materials, we utilize advanced technologies to continuously offer our customers the absolute best products available. Whether your life is on the line, or the hunt of a lifetime is at stake, you can depend on our products for unmatched and unfailing performance, and to assure this, every Precision Armament product is backed by a Full Lifetime Guarantee.

OUR MISSION

Through innovative thinking combined with the latest computer aided engineering technology, state of the art manufacturing, and advanced materials and coatings, our mission is to develop ultra-performance tactical products that are competitively priced, to satisfy even the most demanding civilian, military, and law-enforcement users.

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Visit us at www.precisionarmament.com

THE MOST PRECISE AND EASY TO USE ALIGNMENT SYSTEM ON THE MARKET

KEY DESIGN FEATURES

Accu-Washer kit includes 18 individually marked high precision shims of different thicknesses allowing 360 degree indexing in 20 degree increments. Only one shim is required for each application.

- **PRECISION MACHINED**
Each Accu-Washer shim is machined to a guaranteed thickness uniformity of ± 0.0001 " providing better muzzle device alignment than any other system on the market.
- **NO TOLERANCE STACK-UPS**
The single shim system eliminates tolerance stack-ups inherent with stacked-shim systems resulting in superior alignment and accuracy.
- **CONTROLLED TORQUE**
Precise 20 degree indexing increments prevents the need for excessive installation torque which can cause muzzle distortion and adversely affect accuracy.
- **SIMPLE TO USE**
Each Accu-Washer shim is individually marked according to thickness, simply choose the correct size and install. No need for the time consuming hassle involved with peel washers and stacked-shim systems.
- **MAXIMUM SAFETY**
Ensures the lowest risk of baffle strikes for the highest level of safety on alignment critical devices such as sound suppressors and muzzle brakes.
- **COST EFFECTIVE**
One kit will index about nine muzzle devices on average. Inexpensive replenishment shims are available and can be purchased individually as needed.
- **CORROSION RESISTANT**
Machined from high strength 400 series stainless steel bar. Finished with an oxide blasted non-reflective surface for low visibility.
- **IMPACT RESISTANT**
Solid monolithic design provides the bearing strength necessary to withstand hard front and side impacts without deforming and causing dangerous misalignment.



PRODUCT SPECIFICATIONS

	AWS-500	AWS-625
Thread Size	1/2-28 TPI	5/8-24 TPI
O.D.	0.750"	0.825"
Thickness	0.060"-0.094"	0.060"-0.100"
Material	400 Series Stainless Steel	
Finish	Oxide Blasted, Matte Grey	
SKU	A02119	A02219
MSRP	\$24.99	\$24.99

MAXIMUM RECOIL REDUCTION IN A COMPACT, RUGGED DESIGN

KEY DESIGN FEATURES

- **INDUSTRY LEADING PERFORMANCE**
Innovative reverse venting triple baffle design provides the highest level of recoil reduction and muzzle control on the market. Delivers over a 70% reduction in recoil energy for most cartridges*.
- **EFFORTLESS MUZZLE CONTROL**
Side vents are precisely canted upward to eliminate muzzle climb resulting in near zero muzzle movement while also minimizing dust signature when shooting prone.
- **COMPACT RUGGED DESIGN**
FEA optimized for maximum durability and impact resistance in a compact, lightweight package.
- **SUPERIOR HEAT & CORROSION RESISTANCE**
Precision machined from heat treated stainless with a high temperature lonbond® CrCN matte black finish for superior durability. The M4-72 can withstand the heat of combat conditions without being subject to rapid erosion. (also available in natural matte stainless).
- **PERFECT BORE ALIGNMENT**
High tolerance class-III threads machined in same operation as bore aperture to guarantee perfect concentricity for optimum accuracy.



PRODUCT SPECIFICATIONS

	M472-556	M472-762	M472-AK47
Caliber	.223/5.56mm	.308/7.62mm	7.62x39mm
Thread Size	1/2-28 RH	5/8-24 RH	14x1mm LH
Accu-Washer™	A02119	A02219	2 Crush Springs Included
Length	2.250"	2.275"	2.275"
Diameter	0.865"	0.985"	0.945"
Weight	2.6 oz.	3.1 oz.	3.0 oz.
Material	HTSR 416 Stainless Steel Bar, HRC 26-32		
Finish	Black CrCN or Matte Stainless		Black CrCN
MSRP	\$89.99	\$99.99	\$99.99

Accu-Washer™ Muzzle Device Alignment System recommended for installation to achieve best performance (not included - not required for AK-47 brake).

*Based on high precision ballistic pendulum test data.

EXTREME LONG RANGE PRECISION - UNSURPASSED RECOIL REDUCTION

KEY ACCURACY FEATURES

Features combine to minimize bullet flight disturbance resulting in improved accuracy and less yaw for higher ballistic coefficient.

- **FULLY SYMMETRICAL BLAST CHAMBER**
Promotes balanced gas flow for reduced bullet yaw and maximum accuracy potential.
- **DIGRESSING BAFFLE THICKNESS**
Stress optimized baffles diminish in thickness to minimize bore aperture wall surface and reduce baffle/projectile interaction.
- **PERFECT BORE ALIGNMENT**
High tolerance class-III threads machined in same operation as bore aperture to guarantee perfect concentricity.
- **DEEPLY RECESSED EXIT HOLE CROWN**
Protects exit hole from impact damage.



ADDITIONAL DESIGN FEATURES

- **INDUSTRY LEADING RECOIL REDUCTION**
Delivers recoil energy reduction of 70% or higher for many cartridges*.
- **CLOSED BOTTOM DESIGN**
Minimizes dust signature when shooting prone.
- **TOP VENTING GAS PORTS**
Provides significant reduction in muzzle climb/jump.
- **ANGLED "V" SHAPED BLAST BAFFLES**
Divert reflected blast above and below shooters ear for lower perceived concussion and noise.
- **FEA OPTIMIZED DESIGN**
Finite element analyzed for optimum strength to weight ratio and impact survivability.
- **SUPERIOR HEAT & CORROSION RESISTANCE**
Precision CNC machined from a heat treated stainless steel billet.
- **ULTRA WEAR RESISTANT**
Available in a Ionbond® DLC (Diamond-Like Carbon) matte black finish (also available in natural matte stainless).

PRODUCT SPECIFICATIONS

	M11-SPR	M11
Available Calibers	.223/5.56mm	.264/6.5mm .277/6.8mm .308/7.62mm .338/8.6mm
Thread Size	1/2-28 RH	5/8-24 RH
Accu-Washer™	A02119	A02219
Length	2.225"	2.675"
Height	0.990"	1.188"
Width	1.125"	1.375"
Diameter at Barrel	0.750"	0.850"
Weight	3.3 oz.	5.6 oz.
Material	HTSR 416 Stainless Steel Bar, HRC 26-32	
Finish	Matte Black DLC or Matte Stainless	
MSRP	\$104.95	\$109.99-\$119.99

Accu-Washer™ Muzzle Device Alignment System recommended for installation to achieve best performance (not included).

*Based on high precision ballistic pendulum test data.

MAXIMUM LINEAR & TORSIONAL RECOIL REDUCTION FOR LONG RANGE RIFLES

KEY ACCURACY FEATURES

Features combine to minimize bullet flight disturbance resulting in improved accuracy and less yaw for higher ballistic coefficient.

- **FULLY SYMMETRICAL STRUCTURE**
Perfect axial symmetry of entire baffle stack allows completely symmetrical gas flow resulting in lowest possible bullet yaw and maximum accuracy potential.
- **MAXIMIZED VENTING AREA**
Maximized venting area between baffles allows a greater volume of high pressure gas to be diverted away from the bullet path to further minimize flight disturbance.
- **DIGRESSING BAFFLE THICKNESS**
Stress optimized baffles diminish in thickness to minimize bore aperture wall surface and reduce baffle/projectile interaction.
- **PERFECT BORE ALIGNMENT**
High tolerance class-III threads machined in same operation as bore aperture to guarantee perfect concentricity.
- **DEEPLY RECESSED EXIT HOLE CROWN**
Protects exit hole from impact damage.



PRODUCT SPECIFICATIONS

M41 Severe-Duty Muzzle Brake	
Available Calibers	.264/6.5mm
	.308/7.62mm
	.338/8.6mm
Thread Size	5/8-24 RH
Length	2.750"
Diameter	1.312"
Diameter at Barrel	0.925"
Weight	5.3 oz.
Material	HTSR 416 Stainless Steel Bar, HRC 26-32
Finish	Matte Black DLC or Matte Stainless
MSRP	\$109.99-\$119.99

ADDITIONAL DESIGN FEATURES

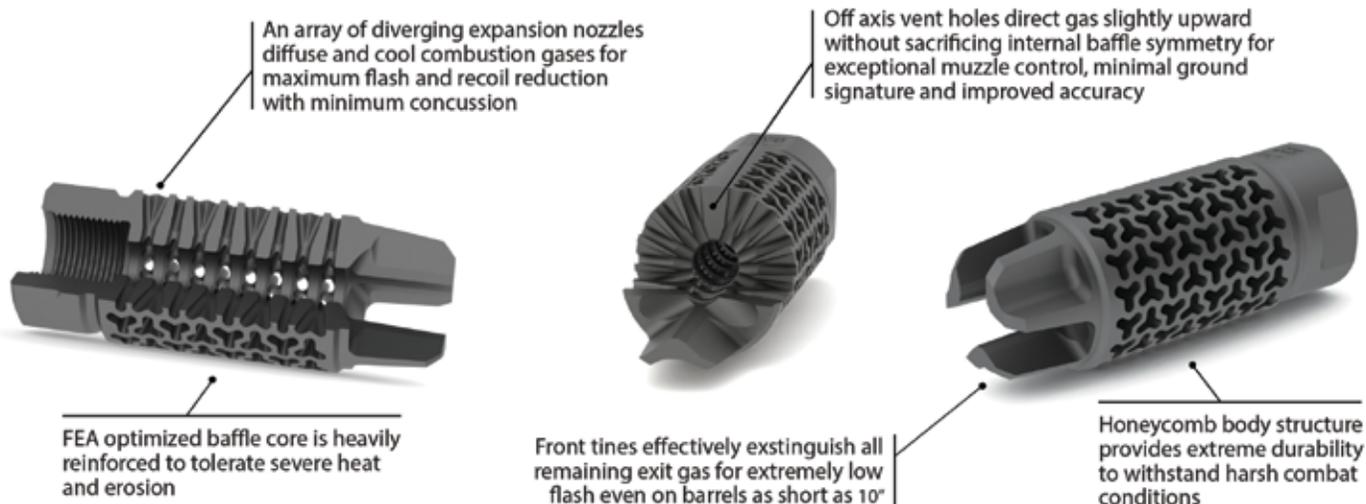
- **INDUSTRY LEADING RECOIL REDUCTION**
Delivers recoil energy reduction of 70% or higher for many cartridges*.
- **TORSIONAL RECOIL REDUCTION**
Helical "turbine" style ports redirect gas in a counter clockwise radial direction reducing the torsional recoil force associated with heavy bullets and fast right hand twist rates.
- **FEA OPTIMIZED DESIGN**
Finite element analyzed for optimum strength to weight ratio and impact survivability.
- **SUPERIOR HEAT & CORROSION RESISTANCE**
Precision CNC machined from a heat treated stainless steel billet
- **ULTRA WEAR RESISTANT**
Available in a Ionbond® DLC (Diamond-Like Carbon) matte black finish (also available in natural matte stainless).
- **SIMPLE INSTALLATION**
Does not require any special timing or alignment shims for installation. Wrench installation optional.



M41 Spanner Wrench is available for fast and easy installation and removal of brake to avoid damage or marring (not included).

*Based on high precision ballistic pendulum test data.

THE ULTIMATE BALANCE OF MUZZLE CONTROL, FLASH SUPPRESSION, & LOW CONCUSSION



KEY DESIGN FEATURES

- **EFAB™ PATENT PENDING TECHNOLOGY**
An innovative configuration of diverging expansion nozzles are used to both cool and diffuse combustion gases resulting in maximum recoil reduction*, extremely low flash, and minimum concussion to the rear and sides of the shooter.
- **MAXIMUM FLASH SUPPRESSION**
Features an array of proprietary three way expansion nozzles that are precisely oriented to maximize adiabatic expansion and cooling of combustion gases for highly effective flash suppression even on barrels as short as ten inches.
- **OFF-AXIS VENTING**
Vent holes are CNC milled off-axis allowing gas to be directed slightly upward while preserving internal baffle symmetry for exceptional muzzle control, minimal ground signature and improved accuracy.
- **COMBAT DURABLE DESIGN**
Heavy duty baffles and a continuously webbed core structure provide the durability to withstand heat and erosion associated with short barrels and full auto fire as well as the strength to accommodate powerful magnum cartridges.
- **ADDITIONAL FEATURES**
Pre-drilled for permanent pinning to bring 14.5" barrels to legal length. Closed bottom design for reduced dust signature when shooting prone.

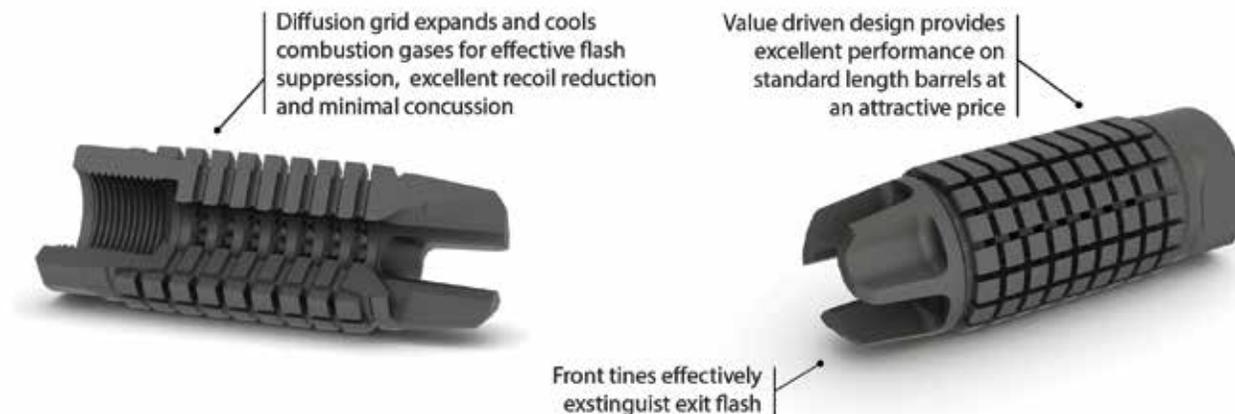
PRODUCT SPECIFICATIONS

	EFAB-556	EFAB-762
Caliber	.223/5.56mm	.308/7.62mm
Thread Size	1/2-28 RH	5/8-24 RH
Length	2.425"	2.750"
Diameter	0.900"	0.985"
Weight	3.5 oz.	4.25 oz.
Material	HTSR 416 Stainless Steel Bar, HRC 26-32	
Finish	Matte Black Ionbond® CrCN	
MSRP	\$159.95	\$169.95

Accu-Washer™ Muzzle Device Alignment System recommended for installation to achieve best performance (not included).

* 56% recoil energy reduction (ballistic pendulum test, .223 Rem, 16" BBL, 55gn FMJ)

THE BEST VALUE OF MUZZLE CONTROL, FLASH SUPPRESSION, & LOW CONCUSSION



KEY DESIGN FEATURES

- **SUPERIOR VALUE**
Value driven design that incorporates EFAB design concepts with improved manufacturability to provide excellent performance on standard length barrels at a much lower price point. Provides recoil reduction* and flash suppression performance within 5-10% of the EFAB on 16"+ barrel lengths at two thirds the price.
- **AFAB™ PATENT PENDING TECHNOLOGY**
A deep exterior diffusion grid allows combustion gases to both cool and diffuse resulting in effective flash suppression, excellent recoil reduction, and minimum concussion to the rear and sides of the shooter.
- **OFF-AXIS VENTING**
Vent holes are CNC milled off-axis allowing gas to be directed slightly upward while preserving internal baffle symmetry for exceptional muzzle control, minimal ground signature and improved accuracy.
- **ADDITIONAL FEATURES**
Pre-drilled for permanent pinning to bring 14.5" barrels to legal length. Closed bottom design for reduced dust signature when shooting prone.

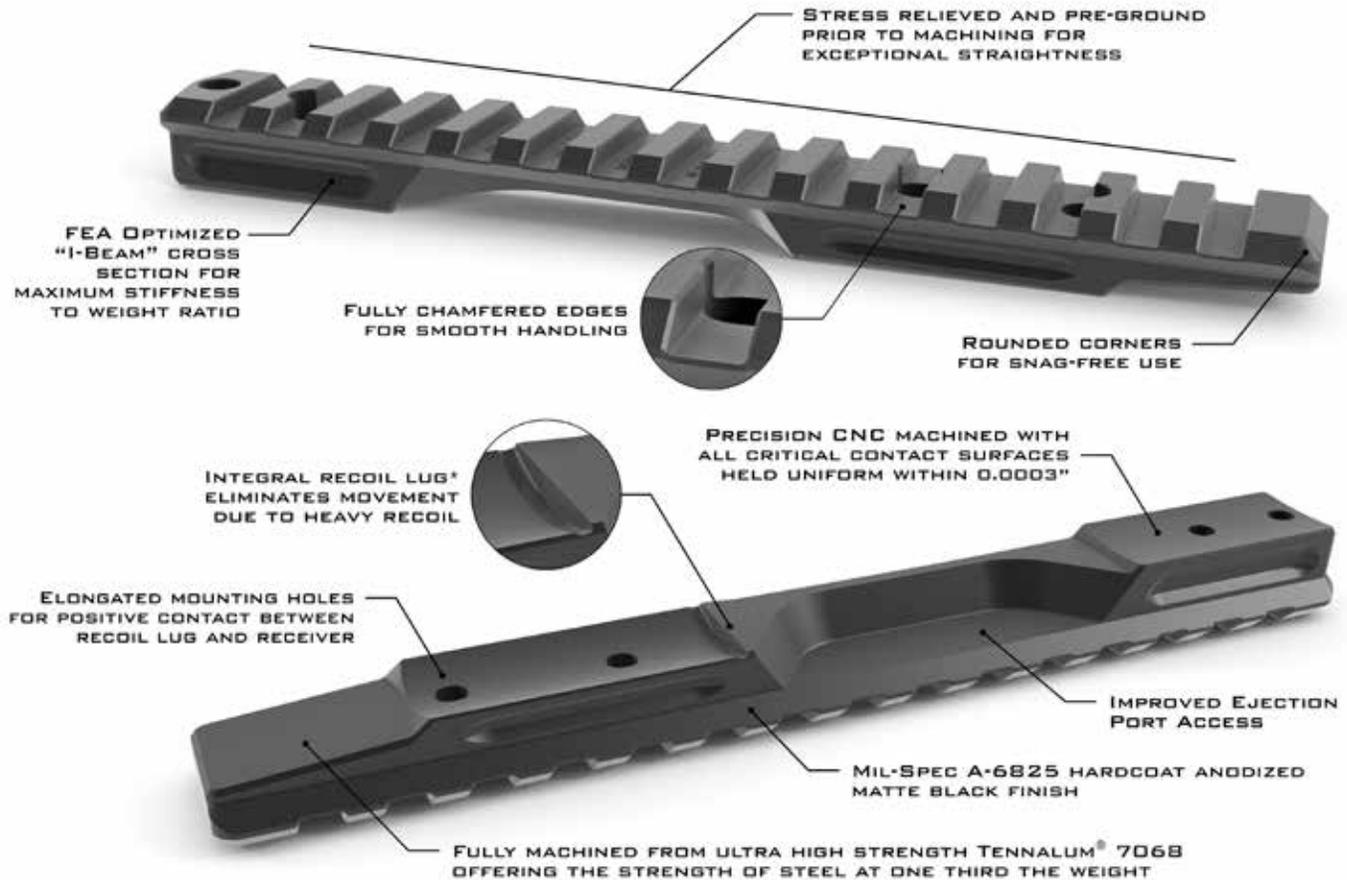
PRODUCT SPECIFICATIONS

	AFAB-556	AFAB-762
Caliber	.223/5.56mm	.308/7.62mm
Thread Size	1/2-28 RH	5/8-24 RH
Length	2.225"	N/A
Diameter	0.865"	N/A
Weight	3.0 oz.	N/A
Material	HTSR 416 Stainless Steel Bar, HRC 26-32	
Finish	Matte Black Ionbond® CrCN	
MSRP	\$109.95	Coming Soon

Accu-Washer™ Muzzle Device Alignment System recommended for installation to achieve best performance (not included).

* 50% recoil energy reduction (ballistic pendulum test, .223 Rem, 16" BBL, 55gn FMJ)

FULL FEATURE RAIL WITH STEEL SURPASSING STRENGTH AT ONE THIRD THE WEIGHT



PRODUCT SPECIFICATIONS

	REMINGTON			SAVAGE (ACCU-TRIGGER)		WINCHESTER		FNH
Model	700	700	870/1100/11-87	10 + Variant	110 + Variant	70	70	SPR/TSR/PBR
Action	Short	Long	Shotgun	Short	Long	Short	Long	N/A
Length	6.450"	6.885"	5.500"	6.625"	6.975"	6.375"	6.885"	6.375"
No. of Slots	15	16	13	15	16	15	16	15
Weight	2.3 oz.	2.4 oz.	1.5 oz.	2.3 oz.	2.4 oz.	2.3 oz.	2.4 oz.	2.2 oz.
MOA	20	20	0	20	20	20	20	20
Hardware	4 x 6-48 or 6 x 8-40 torx	4 x 6-48 or 6 x 8-40 torx	6 x 6-48 torx	4 x 6-48 torx	4 x 6-48 torx	4 x 6-48 torx	4 x 6-48 torx	6 x 8-40 torx
Material	Tennialum® 7068-T6511 Aluminum (99 KSI yield strength)							
Finish	MIL-SPEC A-8625 Hardcoat Anodized Matte Black							
MSRP	\$119.99	\$119.99	\$79.99	\$109.98	\$109.98	\$119.99	\$119.99	\$119.99

*Integral Recoil Lug is not available on Savage models

SURE-GRIP™ MACHINE CUT TEXTURING FOR FAST, RELIABLE CYCLING



KEY DESIGN FEATURES

- **SURE-GRIP™ CNC ENGRAVED TEXTURING**
Provides a dependable non-slip surface for fast reliable cycling without being sharp or abrasive like knurling.
- **OVERSIZE KNOB**
Standard 5/16-24 thread for use on Remington 700 and similar size bolt handles.
- **MINI SIZE KNOB**
Available in 5/16-24, and in 1/4-28 threads with a reduced overall size to blend better on smaller diameter bolt handles such as the Winchester 70 and Savage 110 rifles.
- **HIGH STRENGTH**
Machined from light-weight high strength 7075-T6 aircraft grade aluminum providing superior strength over industry standard 6061 aluminum.
- **EXTENDED DURABILITY**
Features a MIL-A-8625 hardcoat anodized matte black finish for increased wear resistance and durability.

PRODUCT SPECIFICATIONS

	OVERSIZE	MINI
Thread Size	5/16-24	5/16-24 1/4-28
Length	1.6"	1.35"
O.D.	0.975"	0.875"
O.D. at Thread	0.410"	0.410"/0.335"
Weight	1.2 oz.	0.9 oz.
Material	7075-T6 Aluminum	
Finish	MIL-SPEC A-8625 Hardcoat Anodized Matte Black	
MSRP	\$34.95	\$34.95

PRECISION ATTACHMENT OF ALIGNMENT CRITICAL DEVICES

KEY DESIGN FEATURES

- **PERFECT ALIGNMENT**
Internal and external threads are single point cut in same operation to tight Class-III tolerances for guaranteed concentricity and alignment. Ideal for adapting alignment critical devices such as suppressors and brakes.
- **EASY INSTALLATION & REMOVAL**
Wrench flats on back make for simple and easy installation and removal for use on multiple devices.
- **COMPACT DESIGN**
Shoulder moves muzzle device only 0.100" forward maintaining full thread joint strength.
- **HIGH STRENGTH**
Precision CNC machined from a pre-hardened HTSR 400 series stainless steel billet for superior heat and corrosion resistance
- **SUPERIOR DURABILITY**
Available in an advance PVD (Physical Vapor Deposition) matte black finish, offering exceptional durability and corrosion resistance at high temperatures, making it ideal for full-auto fire as well as suppressor applications (also available in natural matte stainless finish).
- **NUMEROUS APPLICATIONS**
Ideal for attachment of 5/8-24 threaded muzzle brakes, sound suppressors, or flash hidiers to smaller 1/2-28 and 9/16-24 threaded barrels.
- **SHOULDERLESS MODEL AVAILABLE (below)**
Allows adapter to remain fully concealed under muzzle device for a continuous, streamlined look, and maintains 100% thread joint strength. Available in natural matte finish only.



PRODUCT SPECIFICATIONS

	STANDARD M4	SHOULDERLESS
External Thread	5/8-24 RH	5/8-24 RH
Internal Threads	1/2-28 RH 9/16-24 RH	1/2-28 RH 1/2-32 RH 1/2-36 RH
Length	0.625"	0.625"
O.D.	0.825"	0.625"
Flats	0.750"	N/A
Weight	0.24 oz.	0.2 oz.
Material	HTSR 416 Stainless Steel Bar, HRC 26-32	
Finish	PVD Matte Black or Matte Stainless	
MSRP	\$22.99-\$29.99	\$17.99



UNSURPASSED PRECISION FOR THE PERFECT BARREL TO RECEIVER CONTACT



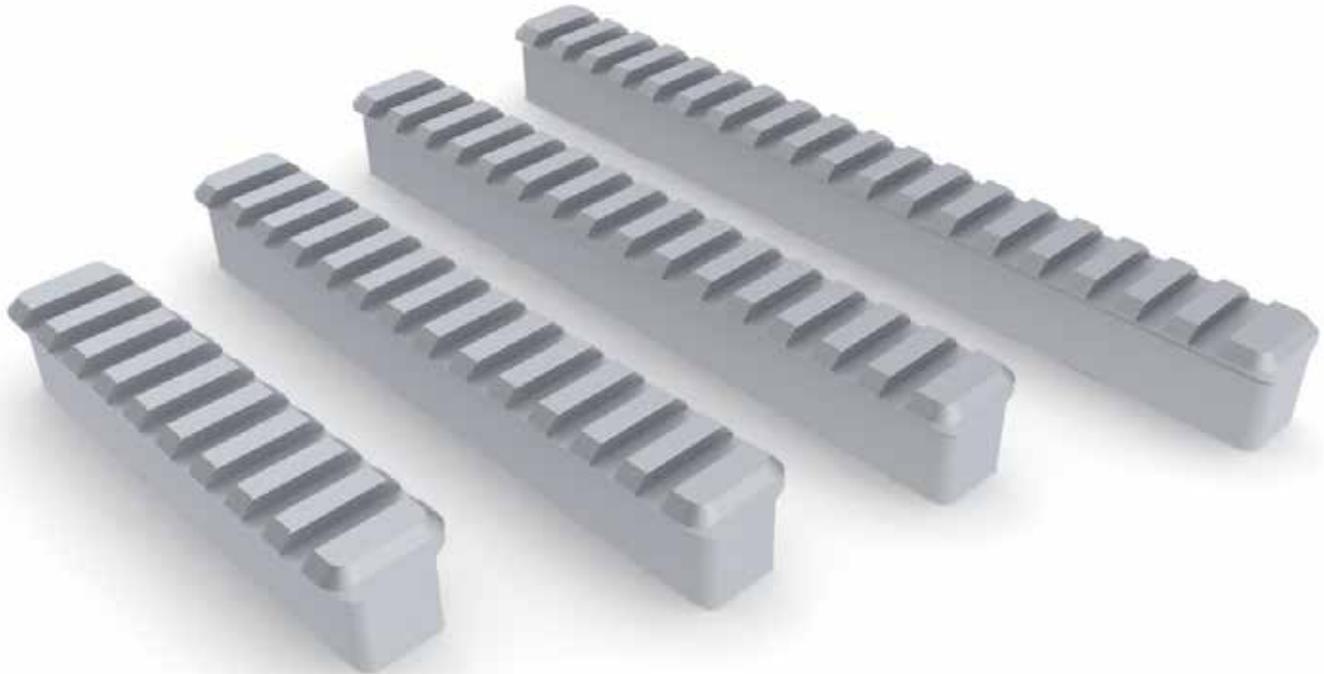
KEY DESIGN FEATURES

- **UNPARALLELED PRECISION**
Each recoil lug is precision table surface ground then put through a three point thickness inspection to verify a uniformity of $\pm .0001$ " before leaving the factory.
- **ERGONOMICALLY DESIGNED**
Tapered sides and rounded corners to prevent damage to bedding during installation and removal.
- **HIGH STRENGTH CONSTRUCTION**
Fully machined from a billet of 17-4 pre-hardened stainless steel and heat treated to 44-46 Rockwell C.
- **FEA OPTIMIZED DESIGN**
Unique FEA optimized pocketed geometry increases stiffness-to-weight ratio and reduces flex for a more uniform pressure on bedding material under heavy recoil.
- **MULTIPLE PINNING OPTIONS**
Features three pin holes on back to allow for single or double pinning to receiver. Blind drilled for positive pin retention on the same radius pattern as the popular Holland Lugs.
- **STANDARD MODEL AVAILABLE**
Same precision ground accuracy and high strength construction without the pocket or pinholes.

PRODUCT SPECIFICATIONS

	STANDARD	HIGH PERFORMANCE
Thickness	1/4"	5/16"
Bore Size	1.065"	1.075"
Pin Holes	N/A	Three 3/32" .605"Rad Holland Pattern 2 pins included
Height	1.800"	1.800"
Width	1.313"	1.313"
Material	17-4 PH Stainless Steel	
Temper	H900 Heat Treat, 44-46 RHC	
Finish	Oxide Blasted Wall, Surface Ground Face	
MSRP	\$38.99	\$39.99

THE HIGHEST QUALITY RAIL BLANKS ON THE MARKET



KEY DESIGN FEATURES

- ▶ **IDEAL FOR CUSTOM APPLICATIONS**
A high quality, versatile solution for custom fitting optics and accessories to receivers, barrels, & stocks. Base material is 9/16" high to accommodate a wide range of heights and cants.
- ▶ **PRECISION CNC MACHINED**
Fully machined to exact MIL-STD 1913 dimensions to the same tight tolerances as our bolt action rails providing superb quality over extruded blanks.
- ▶ **PRE-FINISHED DESIGN**
Includes full cross slots and pre-radiused ends for a professional fit and finish that will not snag on gear.
- ▶ **HIGH STRENGTH CONSTRUCTION**
Made from aircraft grade 7075-T6 aluminum providing superior strength over 6061 blanks.

PRODUCT SPECIFICATIONS

	A11001	A11002	A11003	A11004
Length	4.0"	5.563"	6.375"	7.625"
No. of Slots	9	13	15	18
Base Height	9/16" to Bottom of Dovetail			
Base Width	0.617"			
Material	7075 T6 Aluminum Billet			
Finish	Glass Bead Blasted, Satin Finish			
MSRP	\$44.99	\$54.99	\$59.99	\$64.98

A PERMANENT, SIMPLE, & ROCK-SOLID ATTACHMENT PLATFORM



KEY DESIGN FEATURES

- **VERSATILE CUSTOMIZATION**
Aggressive spiral cut studs on underside of rail are designed to epoxy into any position on a rifle stock offering an extremely strong platform for mounting bipods, lights, lasers, optics, and more.
- **PRECISION CNC MACHINED**
Fully machined to exact MIL-STD 1913 dimensions to the same tight tolerances as our bolt action rails providing superb quality.
- **SMOOTH HANDLING DESIGN**
Fully CNC chamfered edges, rounded corners, and a low profile design enhances sleekness and handling for snag-free function.
- **HIGH STRENGTH, LIGHT WEIGHT**
Made from ultra-strength 7068-T6 aluminum providing the strength of steel at one third the weight.

PRODUCT SPECIFICATIONS

	SRC-8	SRC-16
Length	3.7"	6.84"
No. of Slots	8	16
Rail Height	0.275"	0.275"
Stud Length/O.D.	9/16" - 0.480"	9/16" - 0.480"
Stud Spacing	1-1/2"	1-1/2"
Weight	1.2 oz.	2.2 oz.
Material	7068-T6 Aluminum	
Finish	Hardcoat Anodized Matte Black	
MSRP	\$59.99	\$79.99



► **PRECISION ARMAMENT T'S**

Hanes true original Tagless T-shirt for comfort. Black 6.1 oz. 100% pre-shrunk cotton. Coverstitched collar for added comfort and double-needle stitched seams for durability.

PRODUCT SPECIFICATIONS

SKU	A99001	A99002	A99003	A99004	A99005
Size	Small	Medium	Large	X Large	XX Large
Price	\$19.99				