

KRISS Vector SMG™ .45 ACP

Datasheet

The Most Significant Advance in Weapons Operating Systems in More Than 120 Years



HIGHER ACCURACY & INCREASED OPERATOR EFFICIENCY

The KRISS Vector SMG leverages state of the art technology and a patented design approach to deliver the following tangible benefits to military and law enforcement professionals:

- » **Reduced Muzzle Climb**
The KRISS Super V redirects the forces that cause traditional weapons to rotate vertically reducing muzzle climb by as much as 90% versus other SMGs.
- » **Reduced Recoil**
The KRISS Super V technology and unique design approach reduces felt recoil by as much as 50% versus comparable SMGs.
- » **Lighter and Tighter Weapons Package**
The KRISS Super V is designed using fewer and lighter components delivering rates of fire adjustable to between 800 – 1100 while simultaneously easing operator fatigue.
- » **Increased Durability and Deployability**
The Vector SMG's robust design and properly toleranced operating action results in a highly reliable and rugged weapon that performs exceptionally well over time and in the full range of environments.

The KRISS Vector SMG delivers these benefits to military and law enforcement operators alike dramatically increasing their effectiveness within demanding tactical environments.

Technical Specifications

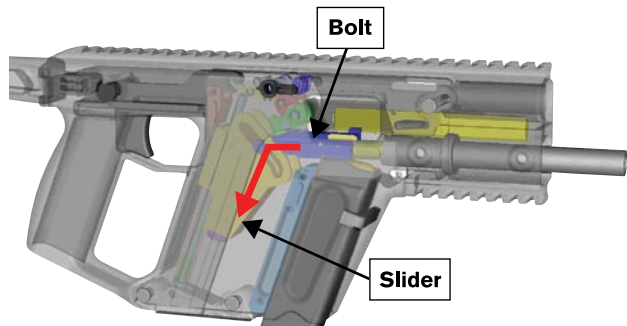
Operating Action	Delayed blowback with patented KRISS Super V™ action that virtually eliminates muzzle climb and dramatically reduces felt recoil
Caliber	.45 ACP
Size/Weight	Wt: 5.06 lbs without stock and magazine, with flip-up iron sights; Length: 16" (stock folded), 24.3" (stock open), Max Ht: 6.9" (w/o optics/sights); Barrel Length: 5.5"
Magazines	13 rd Glock 21 mag and +17 extension kit for full 30 rd capacity
Fire Control	Full auto, two round burst, semi auto
Max Effective Range	100m
Construction	Engineered to meet TOPS and MILSTD 810F requirements

To learn more about KRISS solutions, visit us at www.kriss-tdi.com | Phone 1-202-659-6888

KRISS® SUPER V™ SYSTEM

The patented KRISS Super V System is the most significant advance in firearm operating systems in more than 120 years. Developed in cooperation with the US ARMY ARDEC Picatinny Arsenal and with input from law enforcement, military special ops and expert civilian operators around the world, the KRISS Super V System has proven its ability to provide any type of operator—shooting full or semi-auto—with unprecedented levels of control and accuracy.

Traditional linear operating systems create forces that actually work against the operator's ability to put round on-target. These forces create large amounts of felt recoil and muzzle climb; both of which impair the operator's ability to keep his sight picture. The Kriss Super V design re-vectors these forces down and away from the operator and reduces felt recoil by as much as 60% and muzzle climb by as much as 95%! The KRISS Super V System works with the operator and actually enhances his ability to put more rounds on target, more of the time.



KRISS Super V System: Re-vectoring forces and masses for superior controllability

The KRISS Super V System and the KRISS Super V Vector family of firearms offer more than just increased controllability and accuracy:

- » **Compact, Stiff and Highly Maneuverable Platform:** Because the KRISS Super V System (and not a heavy frame) absorbs and re-vectors the recoil and muzzle climb forces, KRISS firearms are able to be lighter, more compact and easier to handle than competitive weapons. Even when firing the hard-hitting .45ACP round, the KRISS Vector family of firearms is extremely easy to control even on full-auto at a ROF of 850!
- » **Rugged, Durable and Dependable:** The KRISS Vector family of firearms benefit from another feature of the KRISS Super V System; a design featuring fewer and more robust moving parts than any comparable operating system. The KRISS Super V System consists of only two major moving parts; no tiny springs or complicated buffer systems to deal with. The KRISS Vector firearms have undergone 4 years of continuous and rigorous testing and improvement driven TDI's industry-leading design, engineering and technical analysis teams with results verified by USARMY testing facilities. More than 60,000 rounds have been put through KRISS test weapons without a single major failure.
- » **Simple to Own, Operate, Train and Maintain:** No matter if the mission is getting a tighter shot pattern on the range, clearing a room of bad guys or supporting a SWT in an urban CQB environment, the KRISS Vector firearms are up to the task. The mechanism is straightforward and uncomplicated. Use of familiar controls cuts training and re-training time and costs. Pull two pins and the entire 2-part operating system comes clear of the frame for ease and speed of cleaning; with a minimum of training, even under combat conditions, the entire cycle can be completed in 30 seconds. Pull two more pins, and the entire weapon can be taken down in just seconds. . .with no tools required.

In an industry too-often filled with hope, hype, over-promise and disappointment, the KRISS Super V System has been acknowledged by a wide cross-section of industry experts to stand apart. The KRISS Super V System delivers exactly what it promises; the world's first family of firearms that actually helps operators put more rounds on target, more of the time. The proof is in the shooting, and you are most cordially invited to join in.

“...With the KRISS Vector CRB/SO, I could see the difference.”

“...TDI has a real winner here.”

– Shooting Illustrated, Jan 08

“I think it's going to rock the industry in all of the fun ways.”

– Frank Borelli, Borelli Consulting

“Puts all of your rounds right on target!”

– Discovery Channel “Future Weapons”

TDI, INC. OVERVIEW

Transformational Defense Industries, Inc. (TDI), designs, develops and manufactures advanced weapons technology for delivery into a wide variety of global market segments, including: civilian sport shooting, law enforcement, military, governmental agency and private security services.

Bringing together multidisciplinary teams of scientists, engineers and experienced defense professionals, TDI developed the patented KRISS Super V System operating system which delivers previously unachievable levels of weapons controllability via proven and substantial reductions in felt recoil and barrel elevation to professional operators and sports enthusiasts alike.

TDI's innovative KRISS Super V System is highly portable to any caliber size or weapons platform. Our unique cross-disciplinary design and development approach has begun to capture the imagination of leading weapons industry experts and has been featured in numerous industry magazines and on the March 19, 2007 episode of Discovery Channel's Future Weapons Series.

Founded in 2002, TDI is a wholly-owned US subsidiary of a Switzerland-based parent company Gamma Recherches et Technologies Holding SA. TDI designs a full suite of KRISS based weapons within its Viking Works research, development and manufacturing facilities in Virginia Beach, VA.

To get your hands on a KRISS Super V Vector, please visit: www.kriss-tdi.com | Phone **1-202-659-6888**