

BlockBuster® Victory®

Product Specification

A steel snowplow blade system. Guaranteed at least 5 times wear life of steel blade. References and case studies can be provided.

Product Description:

The BlockBuster® Victory™ steel blade system shall be an engineered system comprised of a hardened boron steel blade and heavy-duty Winter Carbide Matrix® filled moldboard shoes, securely welded on the back to form a single engineered blade assembly. The BlockBuster® Victory™ steel blade system shall include (2) Plow Guards that have 1-1/8” heavy duty Winter Carbide Matrix® along the length of the guard, all mounting hardware (with thread locking fasteners), and installation instructions. All components are crated together in a palletized package.

Product Specification Details:

1. WEAR LIFE

- 1.1 Product shall be guaranteed to last a minimum of five times (5X) longer than a standard steel blade (standard blade defined as ¾” x 6” steel blade).

2. REFERENCES

- 2.1 Manufacturer shall provide references for the system upon request validating wear life.

3. PACKAGING

- 3.1 All blade system components are to be provided in a single box or crate comprising of:
 - a. All blade sections manufactured per specifications.
 - b. (2) Plow Guards
 - c. (1) Grade 8 hardware kit including thread locking fasteners, flat washers, extended shoulder carriage bolts, and plow bolts.
- 3.2 Installation instructions included in package.
- 3.3 The blade system package is to be securely banded to a pallet providing adequate protection for common freight carrier handling, transportation, and receiving.
- 3.4 Packaging will provide adequate protection from the elements incurred during normal transportation and storage.

4. MAIN BLADE

- 4.1 The blade shall be hardened boron hot rolled flat steel
- 4.2 Dimensions: 8" high x 3/4" thick x 3' or 4' length
- 4.3 Tolerance between hole spacing is +/- 1/16", non-accumulative, from center to center across full length of blade.
- 4.4 The groove for the carbide inserts shall be milled in the center of the blade edge.
- 4.5 Hole size and location of holes shall be per customer's requirements.

5. MOLDBOARD SHOES

- 5.1 High impact Grade A-22 steel casting.
- 5.2 Moldboard shoes will have a cavity of Winter Carbide Matrix® forming a wear pad embedded into the bottom of the shoe.
- 5.3 Each shoe must contain a minimum of 13.00 in³ of Winter Carbide Matrix®.

6. ASSEMBLY WELDING

- 6.1 A 3' blade section will have one (1) moldboard shoe and the 4' section will have two (2) moldboard shoes securely welded onto the blade. This weld will provide adequate strength to retain the moldboard shoes while in service.

7. PLOW GUARDS

- 7.1 High impact ASTM Grade A-36 Hot rolled bar, 1 1/8" in thickness.
- 7.2 Guard will have Winter Carbide Matrix® weld 7/8" min. in height for the full length of the 1 1/8" thick steel base.
- 7.3 Mounting holes to be drilled 11/16" diameter, then counter-sunk with square punched to accept 5/8" Plow Bolts for flush mounting to blades.
- 7.4 Guards will be Class 7 Orange™ texture powder coated to provide corrosion resistance and safer handling.

8. MOUNTING HARDWARE

- 8.1 The mounting hardware will consist of high-quality thread locking components consisting of Grade 8 extended shoulder carriage bolts, Grade 8 plow bolts, all metal lock nuts and flat washers. All items to be pre-counted and sealed for corrosion resistance.

9. FINISHED PRODUCT

- 9.1 Finished blade will be Class 7 Orange™ texture powder coated to provide corrosion resistance and safer handling.
- 9.2 Front edge of blade will be identified to avoid improper installation.
- 9.3 Finished blade shall comply with standard blade manufacturing tolerances.
- 9.4 Manufacturer's literature shall be furnished as required.

Example of an 11 ft system

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BBV3031223UNIV	Blade	1
2	BBVX3041223UNIV	Blade	2
3	PSCR8412XL	PlowGuard	1
4	PSCR8412XR	PlowGuard	1
Not Shown	KT-BBV-12	Victory Bolt Kit	1

KT-BBV-12 includes:
 (12) 5/8-11 x 3 Grade 8 Plow Bolt
 (6) 5/8-11 x 4 Grade 8 Plow Bolt
 (18) 5/8-11 All Metal Lock Nut
 (18) 5/8 Conical Washer

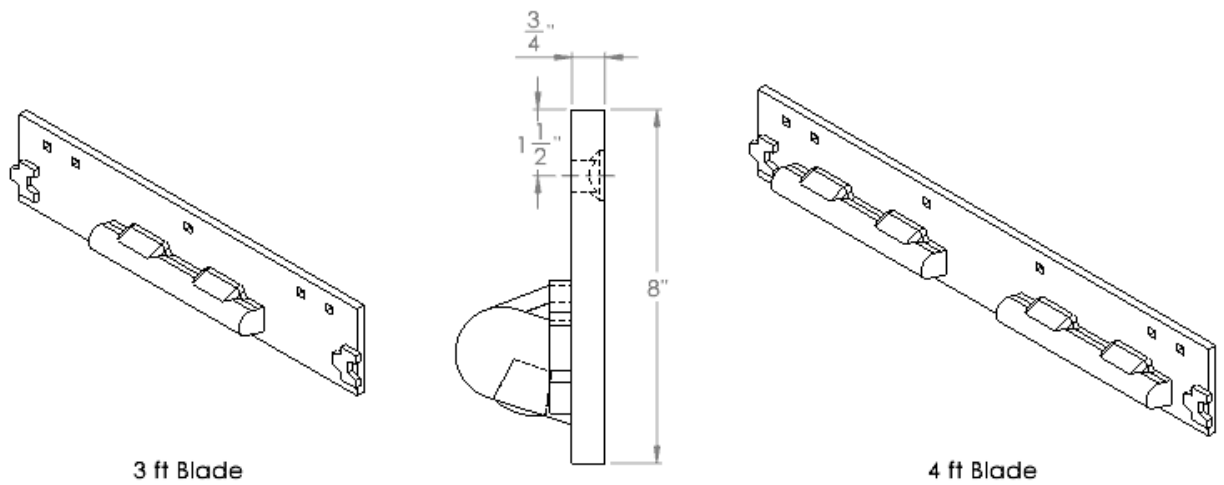
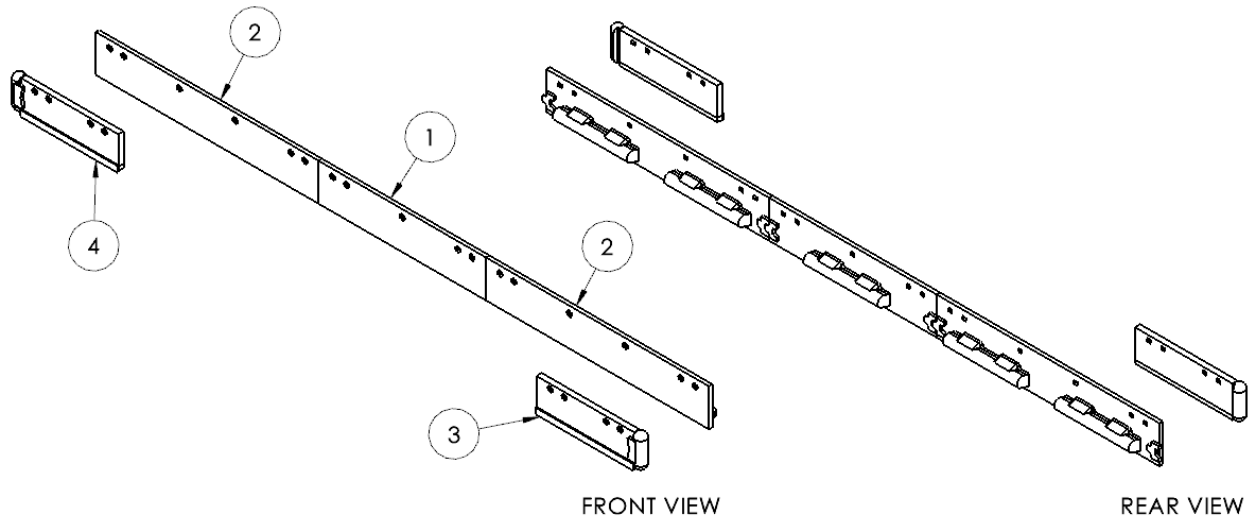


Image above shows an overview of components.