

MOTOR GRADER BLADES

Michael Todd & Co., Inc. offers a full line of cutting edges for motor graders.



STANDARD STOCK:

- Curved Double Bevel / Standard Highway Punch (CDB / SHP).
- ForgeTemp® high carbon steel (241–320 BNH) for long wear life.
- Countersunk holes for 5/8" plow bolts.

Special order options include: Max Temp® heat treated (390–475 BNH); Serrated (toothed) grader blades; Curved Single Bevel (CSB); Special hole spacing; Center punching.

Part No.	Size	Hole Spacing	Bolts Required
58X6X5	5/8" x 6" x 5ft	12"	7
58X6X6	5/8" x 6" x 6ft	12"	8
58X6X7	5/8" x 6" x 7ft	12"	9
58X6X8	5/8" x 6" x 8ft	12"	10
58X8X5	5/8" x 8" x 5ft	12"	7
58X8X6	5/8" x 8" x 6ft	12"	8
58X8X7	5/8" x 8" x 7ft	12"	9
58X8X8	5/8" x 8" x 8ft	12"	10
34X6X5	3/4" x 6" x 5ft	6"	11
34X6X6	3/4" x 6" x 6ft	6"	13
34X8X5	3/4" x 8" x 5ft	6"	11
34X8X6	3/4" x 8" x 6ft	6"	13
34X8X7	3/4" x 8" x 7ft	6"	15
34X8X8	3/4" x 8" x 8ft	6"	17

SNOW PLOW BLADES

We offer snow plow edges for most models of snow plows and wings. Edges are precision punched for quick and easy mounting and are produced from the highest quality steels.

Part No.	Size	Spacing	Bolts Required	Bolt Type
12X6X10	1/2" x 6" x 10ft	12"	12	5/8" carriage
12X6X11	1/2" x 6" x 11ft	12"	13	5/8" carriage
58X6X9	5/8" x 6" x 9ft	12"	11	5/8" carriage
58X6X10	5/8" x 6" x 10ft	12"	12	5/8" carriage
58X6X11	5/8" x 6" x 11ft	12"	13	5/8" carriage
58X8X6FSE	5/8" x 8" x 6ft	12"	8	5/8" carriage
58X8X7FSE	5/8" x 8" x 7ft	12"	9	5/8" carriage
58X8X8FSE	5/8" x 8" x 8ft	12"	10	5/8" carriage
58X8X9	5/8" x 8" x 9ft	12"	11	5/8" carriage
58X8X10	5/8" x 8" x 10ft	12"	12	5/8" carriage
58X8X11	5/8" x 8" x 11ft	12"	13	5/8" carriage
58X8X12	5/8" x 8" x 12ft	12"	14	5/8" carriage
34X8X10	3/4" x 8" x 10ft	12"	12	5/8" plow
34X8X11	3/4" x 8" x 11ft	12"	13	5/8" plow
34X8X12	3/4" x 8" x 12ft	12"	14	5/8" plow
1X8X11	1" x 8" x 11ft	12"	13	5/8" plow

BNH = Brinnell Hardness



STANDARD STOCK:

- Flat Square Edge / Standard Highway Punch (FSE / SHP).
- ForgeTemp® high carbon steel (241–320 BNH) for long wear life.
- Holes are square on 1/2" and 5/8" thickness; countersunk holes on 3/4" and 1" thickness.

Special order options include: Surface hardening (589–744 BNH); Mitered ends; Special hole spacing; Countersunk holes

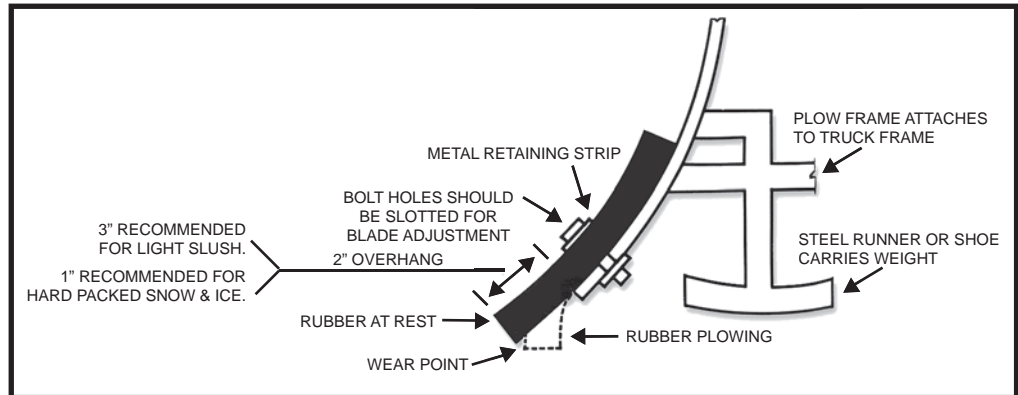
SMALL TRUCK SNOW PLOW BLADES

We stock straight and V-plow blades for:

Blizzard Boss Hiniker Meyer
Northman Polar Western

RUBBER SNOW PLOW BLADES

Rubber snow plow blades are available in various sizes for applications from lawn and garden plows to large truck plows. The material is cut to length and center slotted or drilled to your specifications. Center slotting allows for blade adjustment and proper blade overhang for different plows and plowing conditions (see chart below). Rubber cutting edges are ideal for uneven road surfaces, raised manholes, and abnormally high crowned roads. New and decorative pavement lasts longer when plowed with rubber blades.



Part No.	Size	Application
1X6X*	1" x 6"	Small lawn and garden equipment
112X8X*	1½" x 8"	Small truck plows, motor graders, underbody plows
112X10X*	1½" x 10"	Front mounted snow plows
112X12X*	1½" x 12"	Large front mounted plows and large V-plows

*add necessary length in feet

CURB SHOES

Protect the ends of your snowplow cutting edges with curb shoes. These shoes are designed to bolt up to the last two holes on SHP (standard highway punch) snowplow blades. Choose from shoes specifically for the right hand and left hand side of the plow or from universal shoes that can be used on either side.

 <p>No. V6053R RH Curb Shoe ½" x 6" No. V6053L LH Curb Shoe ½" x 6"</p>	<p>No. BB1-PP616 Universal Curb Shoe ⅝" x 6"</p>	<p>No. BB1-PP617 Universal Curb Shoe ⅝" x 8"</p>
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PLOW SHOES

We have a wide variety of plow shoes for snowplows. The following is just a sample of the different styles of shoes available. There are round shoes, skid shoes, wear plates and mushroom style shoes. The make and model of your plow and the OEM part number will help us properly identify your snowplow shoe. In most cases we can match or fabricate your plow shoe.

 <p>No. WA1PP023</p>	 <p>No. WA1PP098</p>	 <p>No. F8PP175</p>
 <p>No. MP1PP017</p>	 <p>No. MP1PP0023</p>	 <p>No. WP1PP0014</p>

LOADER EDGES

We offer the most complete line of Bucyrus Blades™ weld-on base edges and replacement cutting edges for most makes and models of loaders.

Edges are precision punched and drilled to exacting standards and use state of the art machinery to insure easy installation.

Produced from only the highest quality steels, our loader edges set the standard for quality and value.

We also have reversible loader edges with carbide embedding. Use the OEM part number + TR (for tungsten reversible) or TN (for tungsten non-reversible).




OUR PRODUCT OFFERING INCLUDES

Bobcat®, Case®, Caterpillar®, Deere®, Dresser®, Fiat Allis®, Gehl®, JCB®, Kawasaki®, Kobelco®, Komatsu®, New Holland®, O&K®, Terex®, Volvo® and Wabco®.


BOX SCRAPER EDGES

We stock replacement cutting edges for Gannon and Digmor box scrapers. These blades are CDB (curved double bevel) center punched to the manufacturer's specifications. Use with 5/8" x 2" plow bolts/nuts.

	Part No.	Size	# Holes
	Gannon 1	1/2" x 6" x 75 5/8"	7
	Gannon 2	1/2" x 6" x 79 5/8"	7
	Gannon 3	1/2" x 6" x 83 5/8"	7
	Digmor 1	1/2" x 6" x 75 1/2"	8
	Digmor 2	1/2" x 6" x 79 1/2"	8
	Digmor 3	1/2" x 6" x 84 1/2"	8

CARBIDE WEAR PRODUCTS

Carbide inserted snow plow blades have virgin tungsten carbide inserts which are placed into milled grooves along the bottom wear surface of the cutting edge giving it unmatched wear resistant properties and making this blade ideal for high speed highway plowing.

	Part No.	Size	Type	# Holes	Application
	CB1-5082	3/4" x 6" x 36"	FSE	5	SHP snow plows
	CB1-5083	3/4" x 6" x 48"	FSE	7	SHP snow plows
	CB1-5206	3/4" x 6" x 36"	FSB	5	SHP underbody plows
	CB1-5207	3/4" x 6" x 48"	FSB	7	SHP underbody plows

CARBIDE PLUS™ INSERTED / EMBEDDED BLADES

Carbide blades will greatly extend wear life in moderate impact conditions. This product is produced by inserting and embedding carbide particles into a heat-treated base metal, bonding the metals together forming a unified steel with greatly enhanced wear properties. These blades provide cost-effective service.

Part No.	Size	Type	# Holes	Application
PAC5714	3/4" x 6" x 36"	FSB	5	Motor grader
PAC5819	3/4" x 6" x 48"	FSB	7	Motor grader

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FASTENERS

Don't forget the bolts and nuts for your cutting edges. Our carriage bolts for square holes are grade 5 and have a full square neck to provide high strength. Our plow bolts for countersunk holes are grade 8 alloy with a dome head. All bolts are sold with nuts.

CARRIAGE BOLT / NUT (GRADE 5)

Part No.	Size
CGE 12X2	1/2" x 2" bolt / nut
CGE 12X25	1/2" x 2 1/2" bolt / nut
CGE 2	5/8" x 2" bolt / nut
CGE 25	5/8" x 2 1/2" bolt / nut
CGE 3	5/8" x 3" bolt / nut
CGE 35	5/8" x 3 1/2" bolt / nut



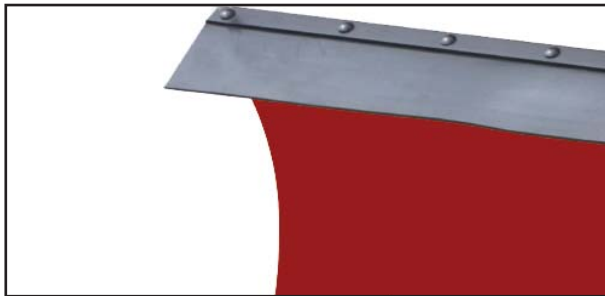
PLOW BOLT / NUT (GRADE 8)

Part No.	Size
PLOW 2 G8	5/8" x 2" bolt / nut
PLOW 25 G8	5/8" x 2 1/2" bolt / nut
PLOW 3 G8	5/8" x 3" bolt / nut
PLOW 35 G8	5/8" x 3 1/2" bolt / nut
PLOW 34225 G8	3/4" x 2 1/4" bolt / nut
PLOW 3425 G8	3/4" x 2 1/2" bolt / nut
PLOW 34275 G8	3/4" x 2 3/4" bolt / nut
PLOW 343 G8	3/4" x 3" bolt / nut
PLOW 3435 G8	3/4" x 3 1/2" bolt / nut
PLOW 78225 G8	7/8" x 2 1/4" bolt / nut
PLOW 1275 G8	1" x 2 3/4" bolt / nut
PLOW 13 G8	1" x 3" bolt / nut
PLOW 135 G8	1" x 3 1/2" bolt / nut



SNOW PLOW DEFLECTOR RUBBER

This heavy duty rubber deflector material is for the top of your snow plow moldboard. This 2-ply belted rubber is available in bulk (50 feet per roll) or cut-to-order. The material does not have holes to allow you to drill for your plow specifications.



- DEFL 10 3/8" x 10"
- DEFL 12 3/8" x 12"

PLOW MARKERS

Easily identify the ends of your snow plow moldboard with our snow plow markers. These are manufactured with a wire rope center for flexibility and a plastic outer layer in an easy-to-see yellow color. These markers do not get brittle in the cold weather. Available for straight spade mount, angle mounting and bolt-thru mounting.



- No. 500 24" angle mount plow marker (1-hole)
- No. 500-36 36" angle mount plow marker (1-hole)
- No. 501 24" bolt-thru marker with nut
- No. 502 24" straight mount (2-hole)

SNOW PLOW WAX

This liquid material can be brushed or sprayed on your plow moldboard or dump box to keep snow from sticking. Apply to surface and allow to dry. Reapply as necessary.

- No. WAX 5-gallon pail snow plow wax

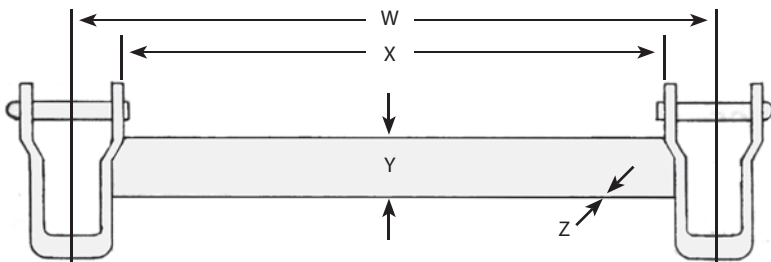
FASTENERS, DEFLECTOR RUBBER & MARKERS

SPREADER PARTS CHAINS

We have spreader chains for many different models of salt / sand spreaders. Let us help you identify the chain you need.

Model No.: _____
Box Length: _____
Chain No.: _____
(stamped inside of chain)
No. of Pitches: _____
Length of Chain: _____
Cross Bar Spacing: _____
(every other link, every third link, etc.)
Dimensions: _____
W = _____
X = _____
Y = _____
Z = _____

Use this chart to list specifications for your spreader.



A roll of chain and a technical diagram of a chain link. Dimension P is the pitch (distance between pins). Dimension D is the pin diameter. Dimension T is the link thickness.

Chain No.	Pitch (P)	Pin Diameter (D)	Thickness (T)
662	1.664	.281	.125
667H	2.313	.312	.125
667X	2.250	.437	.170
667K	2.250	.437	.200

SPINNERS

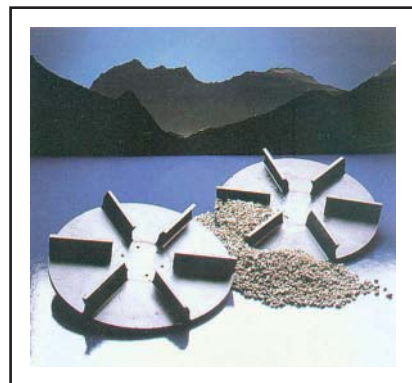
Our urethane spinners are tough enough to withstand the harshest winter conditions. Urethane is both flexible and has a "memory". If bent or crushed our spinners flex and then return to their original molded shape. Large chunks of frozen material pass through without damage to the spinner or hydraulic system. The advantages of our urethane spinners quickly adds up to reduced maintenance, longer spinner and hydraulic life, and more effective material dispersal and less waste. Available 13" through 24".



Salt and Sand Spinners

The original urethane spinner
Flexible ... lightweight
Will not rust or corrode
Wear and abrasion resistant
Inhibits material caking and build-up
Specially formed, low trajectory vanes

- Easy-to-Order Information:**
- A. Diameter of spinner (13" through 24")
 - B. Rotation of spinner (clockwise / counter)
 - C. Material being spread

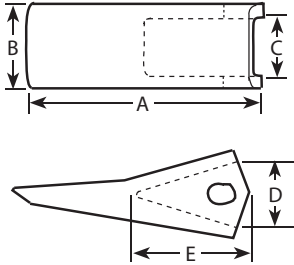


Rock and Cinder Spinners

TEETH, PINS AND ADAPTERS


Choose from a large selection of teeth, pins and adapters for loaders, backhoes and scarifiers. We have many different tooth styles to meet your digging requirements. Whether you have an adapter in place and are looking for the wear tooth or if you only have a bucket edge and want to add adapters and teeth, you've come to the right place. With just a little information we can help identify the product you need to get the job done. The following are some guidelines in tooth replacement.


1. Make, Model & Serial Number of Equipment
2. OEM Part number
3. Adapter style (weld-on or bolt-on)
4. Tooth Style (pin-on or crimp-on)
5. Pin Style (flex pin, roll pin or other)
6. Approximate measurements of adapter or tooth





Hensley Tooth No	Tooth Type	Flex Pin No.	A	B	C	D	E	Weight (lbs)
2AHX	Standard	Crimp-on	4.44	1.63	1.06	1.38	2.69	0.9
3CHXL	Long	Crimp-on	5.50	2.13	1.56	1.75	3.25	2.2
23HXL	Standard	23PB	5.50	2.13	1.56	1.69	3.13	2.7
24HX	Standard	24PB	6.75	2.13	1.56	2.13	4.13	3.7
25HX	Standard	25/26PB	7.06	2.63	2.06	2.13	4.13	5.2


TOOTH STYLES (H&L)



Standard


Long

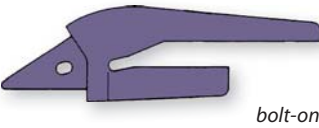

Star

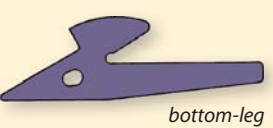

Tiger

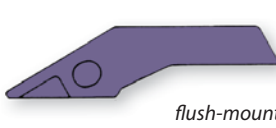

Twin Tiger

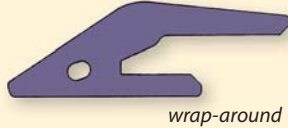

Flared

ADAPTER STYLES


bolt-on



bottom-leg


flush-mount


wrap-around


Teeth available in the different styles pictured above. For adapters, call with the bucket lip thickness as well as the *make, model, serial number* and *style of adapter* you are looking for. Please have bolt pattern available for bolt-on adapters.

CATERPILLAR STYLE PIN-ON TEETH

Tooth No.	Description	Pin No.	Washer No.	
	1U3202HX	Long tooth	9W7112P	4T0001W
	1U3252HX	Long tooth	9J2258P	3G9609W
	1U3302HX	Long tooth	9J2308P	3G9609W
	1U3352HX	Long tooth	9J2358P	6Y9459W

SCARIFIER SHANKS & TEETH

No. 2D5572
Heavy duty drive-on tooth with rectangular slot



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