EXPANDED SUPPLY PRODUCTS, INC.
Excavation · Highway · Water · Sewer Materials
3330 Route 9 · Cold Spring, NY 10516
Tel: (845) 265-3771 · Fax: (845) 265-3772
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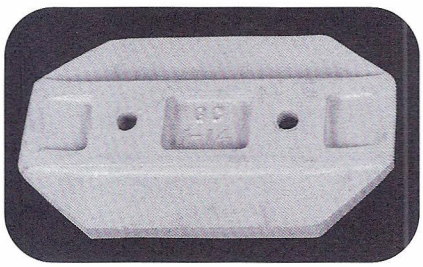
CAST SNOW PLOW SHOES

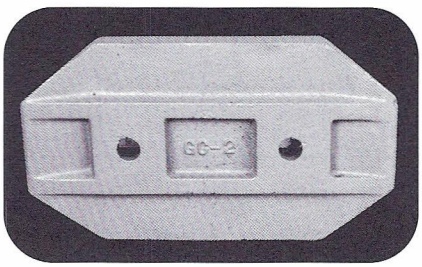
GC-1



- Cast Frame Shoe, ¾″ thick
- Replaces Frink 3232 Steel Shoe
- ¾″ Sq. Hole with 6″ Centers
- Uses ¾″ x 2½″ Sq. Head Bolt
- Weight 29.5 Lbs.

NIEHARD PART # NI-100

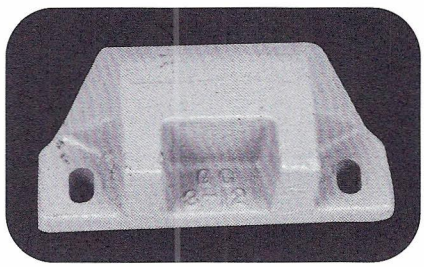
GC-2



- Cast Frame Shoe, 1½″ thick
- Replaces Frink 3232 Steel Shoe
- ¾″ Sq. Hole with 6″ Centers
- Uses ¾″ x 3″ Sq. Head Bolt
- Weight 41 Lbs.

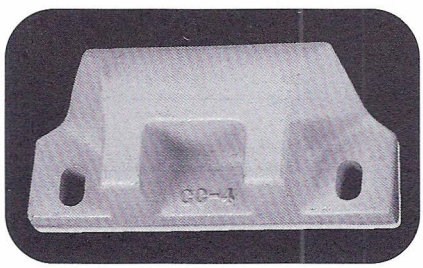
NIEHARD PART # NI-200

GC-3



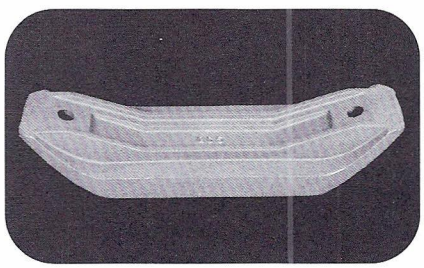
- Cast Wing Shoe
- Used on Standard 6″ Wing Blade
- Fits 8″ Centers
- Uses ⅝″ x 3½″ Carriage Bolts
- Weight 35 Lbs.

GC-4



- Cast Wing Shoe
- Use on 8″ Wide Center Punch Blade
- Uses ⅝″ x 3½″ Carriage Bolt
- Weight 35 Lbs.

GC-5



- Cast Boat Shoe
- 13/16″ Sq. Hole on 16½″ Centers
- Uses ¾″ x 3½″ Sq. Head Bolt
- Weight 67 Lbs.

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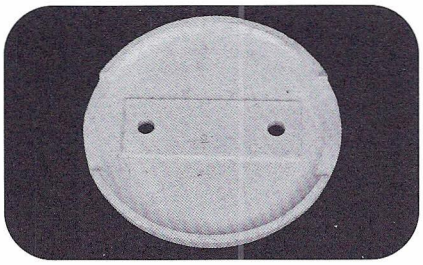
CAST SNOW PLOW SHOES

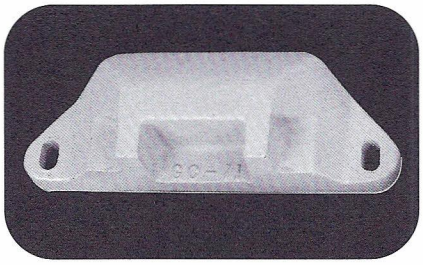
GC-10



- Cast Mushroom Shoe
- Replaces Frink #3232 Steel Shoe
- ¾″ Sq. Head Hole on 6″ Centers
- Uses ¾″ x 2½″ Sq. Head Bolts
- Weight 50 Lbs.

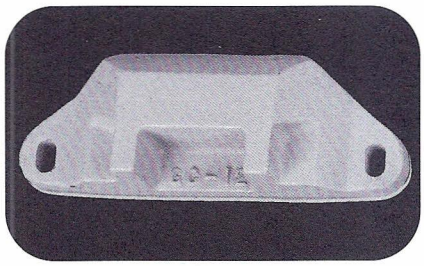
NIEHARD PART # NI-1000

GC-11



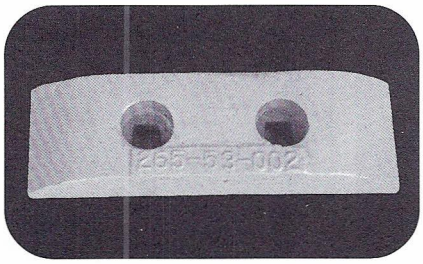
- Cast Wing Shoes
- Used on 6″ Wide Wing Blades with 12″ Centers
- Weight 38 Lbs.

GC-12



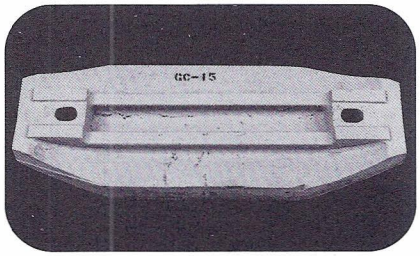
- Cast Wing Shoe
- Used on 8″ Center Punched Wing Blades with 12″ Centers
- Weight 38 Lbs.

GC-13



- Cast Heel Riser or Curb Shoe
- 9/16″ Holes
- 1″ x 2½″ x 8″
- Weight 5 Lbs.

GC-15



- Cast Flat Top Boat Shoe
- Vermont Style
- Weight 95 Lbs.

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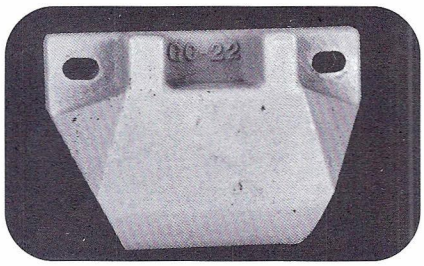
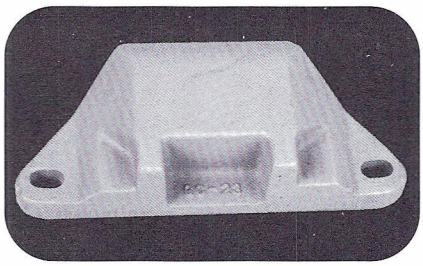
CAST SNOW PLOW SHOES

GC-22



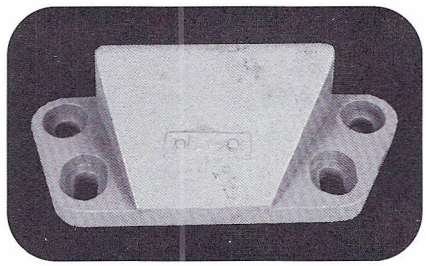
- Cast Double Wing Shoe
- Fits 8″ Top Punched Bladed with 8″ Center
- Weight 52 Lbs.

GC-23



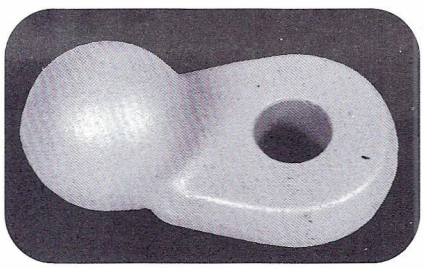
- Cast Double Wing Shoe
- Fits 8″ Top Punched Blades with 12″ Centers
- Weight 53.5 Lbs.

GC-24



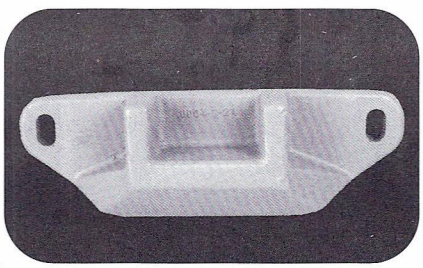
- Cast Frink Reversible Moldboard Shoe
- Fits 8″ Center Punched Blades with 8″ Centers
- Weight 20 Lbs.

GC-25



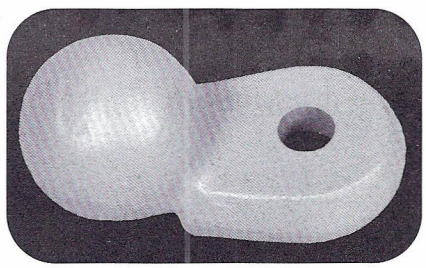
- Small Ballfoot
- Drop Forged Steel
- $^{11}/_{16}$″ Hole for $^{5}/_{8}$″ Bolt
- Use up to 1¼″ I.D. Pipe
- Weight 1.25 Lbs.

GC-26



- Cast Wing Shoe
- Fits 8″ Center Punched Wing Blades with 12″ Center
- Frink Park # 0004-7-21
- Weight 29 Lbs.

GC-27



- Large Ballfoot
- Drop Forged Steel
- $^{13}/_{16}$″ Hole for ¾″ Bolt
- Use from 1½″-2½″ I.D. Pipe
- Weight 5 Lbs.

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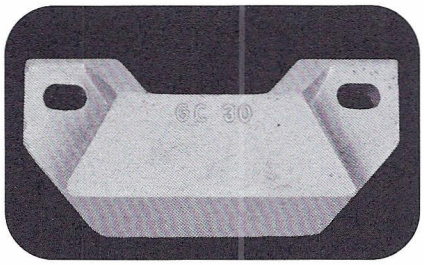
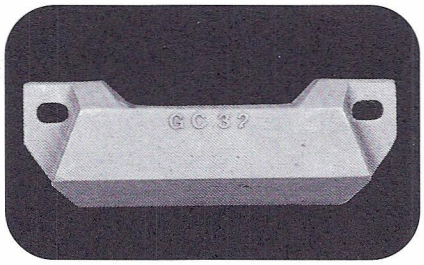
CAST SNOW PLOW SHOES

GC-30



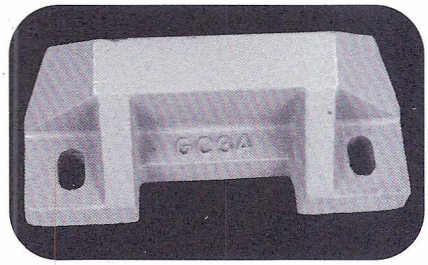
- Cast Wing and Moldboard Shoe
- Fits all Everest-Tenco Plows with 8″ Centers
- Weight 28 Lbs.

GC-32



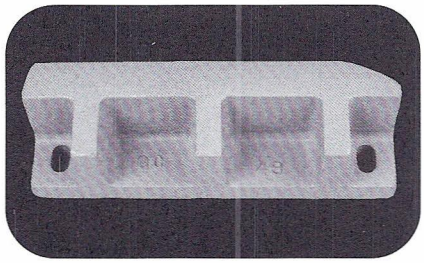
- Cast Wing and Moldboard Shoe
- Fits all Everest and Tenco Plows with 12″ Centers
- Weight 32 Lbs.

GC-34



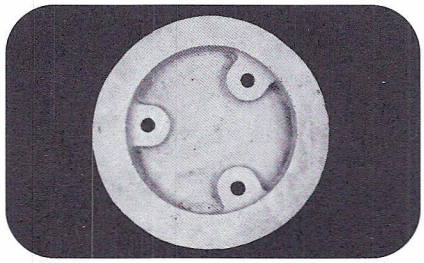
- Cast Wing and Moldboard Shoe
- Fits Tenco Plows with 8″ Center Punched Blades
- Tenco Part # 10628039
- Weight 28 Lbs.

GC-43



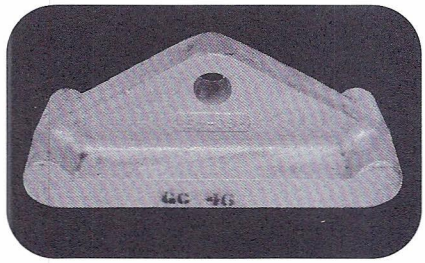
- Cast Heavy Duty Wing Shoe
- Use on Standard 6″ Wing Blade or 8″ Center Punch Blade
- Weight 56 Lbs.

GC-45



- Gledhill 3-Hole Mushroom
- $^{11}/_{16}$″ Holes 1¾″x10″
- Weight 40 Lbs.

GC-46



- Gledhill Heavy Duty Frame Shoe
- Size 2¼″ x 8″ x 14″
- Hole Size 1¼″
- Weight 48.50 Lbs.

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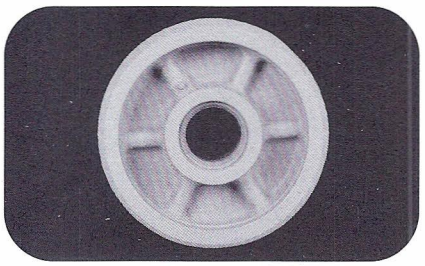
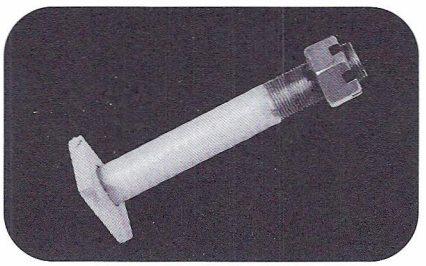
CAST SNOW PLOW SHOES

GC-52



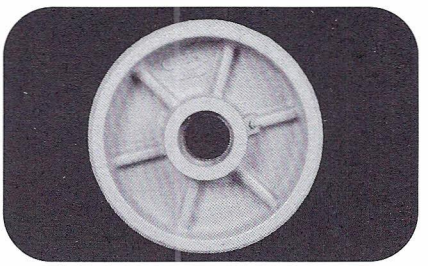
- Frink Caster Wheel
- Complete with Grease Fittings and Dust Seals
- Available with 1″ and 1¼″ Bore
- 3″ Width x 8″ Height
- Weight 24 Lbs.

GC-53



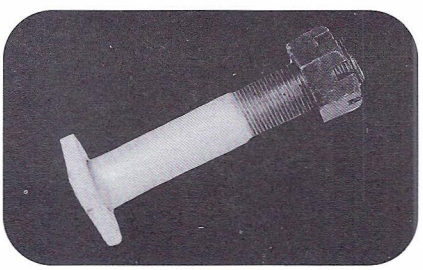
- Axle fits GC-52 or GC-54
- 1″ x 7″
- Complete with washers, Slotted Nut and Cotter Pin
- Weight 2 Lbs. 2oz.

GC-54



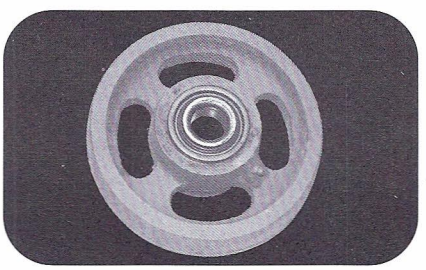
- Viking 4″ x 10″ Caster Wheel
- Complete with Grease Fittings and Dust Seals
- Available with 1″ and 1¼ Bore
- Viking Part # 80122
- Weight 30.5 Lbs.

GC-55



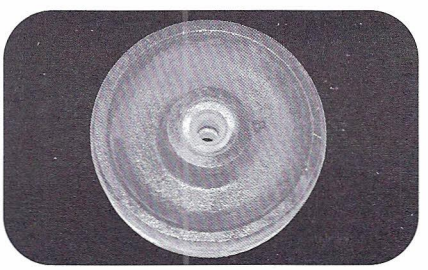
- Axle fits GC-52 or GC-54
- 1¼ x 7″
- Complete with Washer Slotted Nut and Cotter Pin
- Weight 3 Lbs. 1oz.

GC-58



- Wausau Caster Wheel
- Hole Dia.
- Complete w/Brgs & Seal
- Weight 15 Lbs.

GC-60



- Wausau Caster Wheel
- Hole Dia.
- Complete w/Brgs & Seal
- Weight 25 Lbs.

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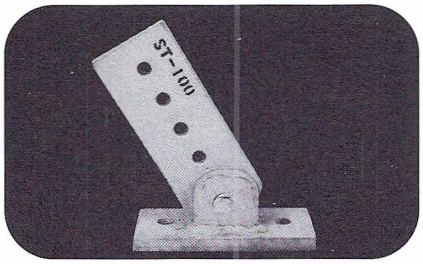
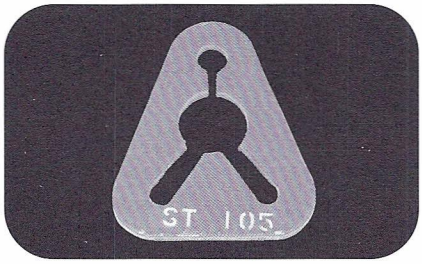
STEEL SNOW PLOW SHOES

ST-100



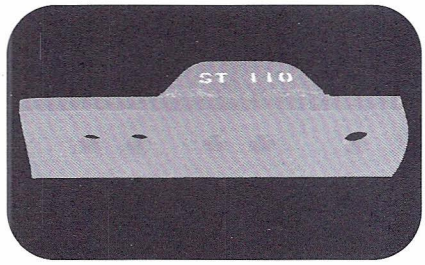
- Flat Frame Shoe Adapter
- Shaft Height 11½"
- Weight 22 Lbs.

ST-105



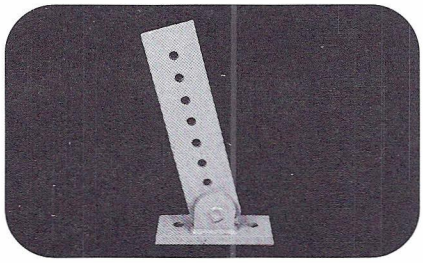
- Chain Lift Yoke
- Weight 3 Lbs.

ST-110



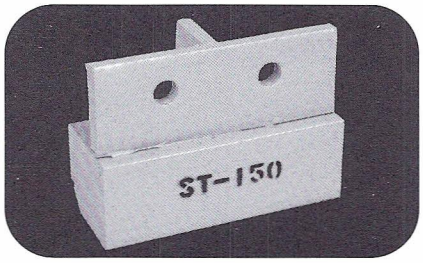
- Slider Bracket
- Weight 9 Lbs.

ST-120



- Flat Frame Shoe Adapter
- Shaft Height 17½"
- Weight 29 Lbs.

ST-150



- Good Roads Wing Shoe
- Replaces Part # GRI-PP0039
- Weight 15 Lbs.

ST-200

- Frink Steel Wing Shoe
- Fits 8" Centers
- Replaces Frink Part # F-04040-1 # F-60003-1
- Weight 30 Lbs.

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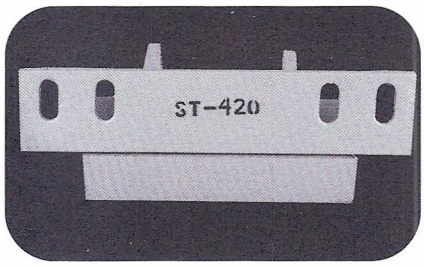
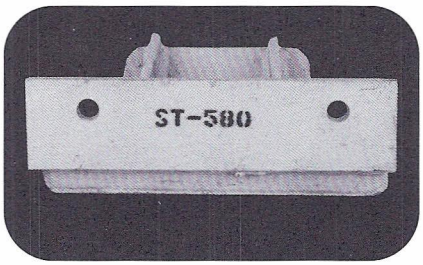
STEEL SNOW PLOW SHOES

ST-420



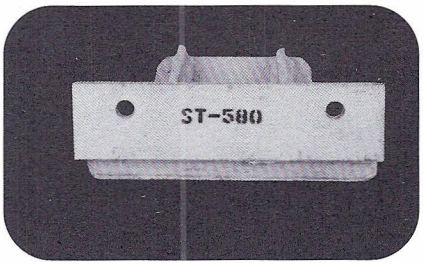
- Frink Steel Wing Shoe
- Same as ST-400 except with 20° Offset Flange
- Weight 31 Lbs.

ST-580



- LaRochelle Moldboard
- 8″ Punch Only
- Weight 28 Lbs.

ST-590

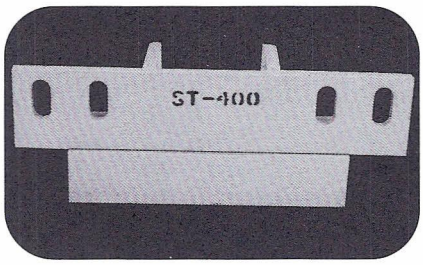


- LaRochelle Moldboard
- 8″-12″ Punch
- Weight 29 Lbs.

ST-320

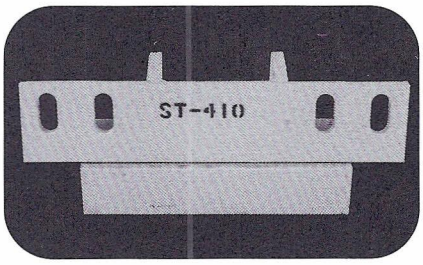
- Frink Steel Wing Shoe
- Fits 8-12″ Centers
- Replaces Frink Part # 0004-7-19
- Weight 31 Lbs.

ST-400



- Frink Steel Wing Shoe
- Fits 8-12″ Centers
- Replaces Frink Part # 0004-7-19
- ½″ x 3″ x 14″, ½″ x 3″ x 3″ 2″ x 4″ x 10″
- Weight 31 Lbs.

ST-410



- Viking Steel Wing Shoe
- Viking Part # 7983
- Same as ST-400 except with 10° Offset Flange
- ½″ x 3″ x 14″, ½″ x 2½″ x 3″
- Weight 31 Lbs.

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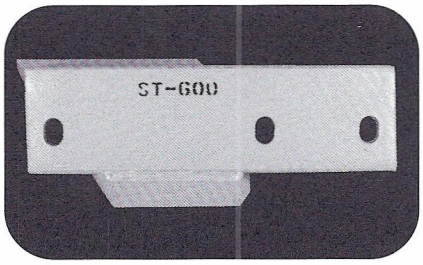
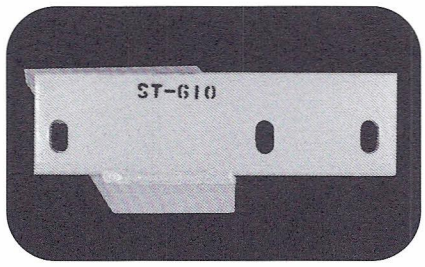
STEEL SNOW PLOW SHOES

ST-600



- Frink Moldboard Shoe
- Replaces Frink Part # F-04060-1
- Standard 45° Angle
- Weight 21 Lbs.

ST-610

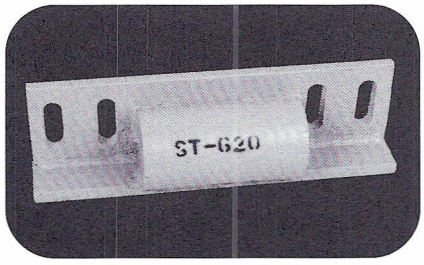


- Frink Moldboard Shoe
- Same as ST-600 with 1¼" Base
- Weight 28 Lbs.

ST-612

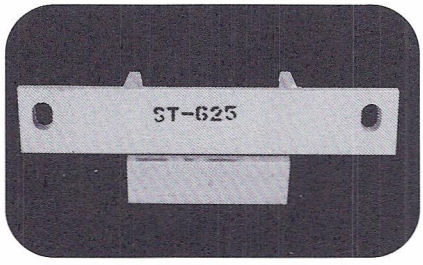
- Frink Moldboard Shoe
- Same as ST-610 except with 60° Angle
- Weight 28 Lbs.

ST-620



- Frink Moldboard Shoe
- Replaces Frink Park 3 F8-PP0179
- Fits 8"-12" Punch
- Weight 17 Lbs.

ST-625



- Frink Moldboard Shoe
- Replaces Frink Part # 0004-1-14
- For 12" Punch Only
- Weight 30 Lbs.

ST-630

- Frink Reversible Moldboard
- Frink Part # 0004-7-6
- Fits 8"-9" Punch
- Weight 26 Lbs.

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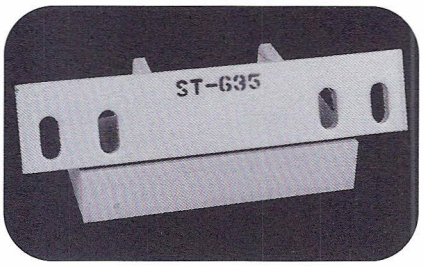
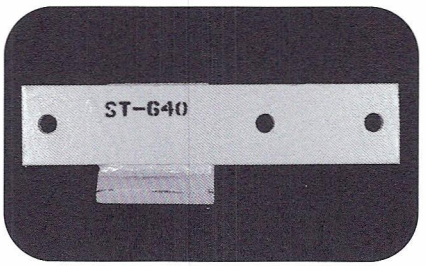
STEEL SNOW PLOW SHOES

ST-635



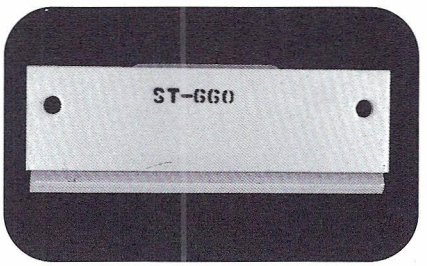
- Frink Heavy Duty Moldboard
- Fits 8"-12" Punch
- Flange has 22° Angle
- Weight 32 Lbs.

ST-640



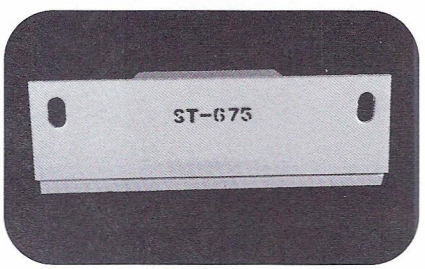
- Tenco Standard Moldboard
- Fits 8"-12" Centers
- Weight 18 Lbs.

ST-660



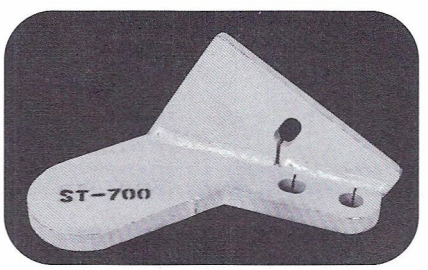
- Viking Moldboard for One Way Plows
- Viking Part # 7971
- Fits 12" Centers Only
- Weight 28 Lbs.

ST-675



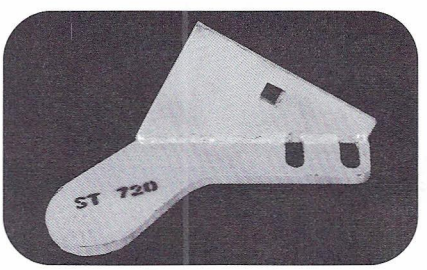
- Viking Moldboard for One Way Plows
- Viking Par # 7974
- Fits 12" Centers Only
- Weight 24 Lbs.

ST-700



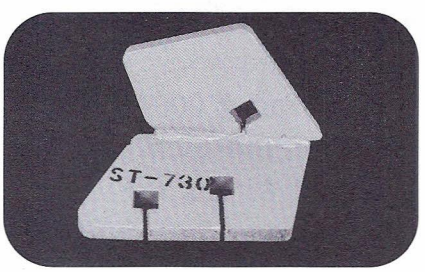
- Frink Nosepiece
- Frink Part # 541R
- Weight 11.75 Lbs.

ST-720



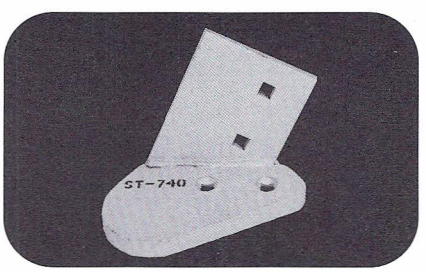
- Champion Nosepiece
- Weight 8 Lbs.

ST-730



- Good Roads Nosepiece
- Good Roads Part # GRI-PP0022
- Weight 6.5 Lbs.

ST-740



- Good Roads Nosepiece
- Good Roads Part # GRI-PP0025
- Weight 15 Lbs.

ST-750

- Frink Nosepiece
- Fits 8" Top Blades
- Weight 13.5 Lbs.

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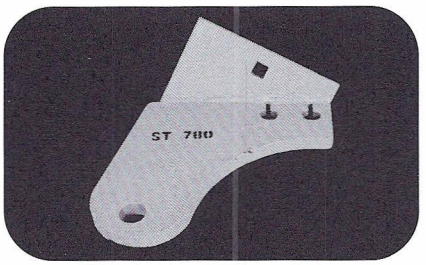
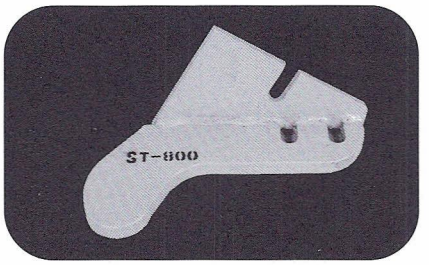
STEEL SNOW PLOW SHOES

ST-780



- LaRochelle Nosepiece
- Weight 15 Lbs.

ST-800

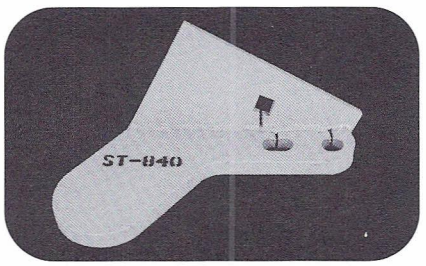


- Viking Nosepiece
- Viking Part # 80088
- Weight 11 Lbs.

ST-810

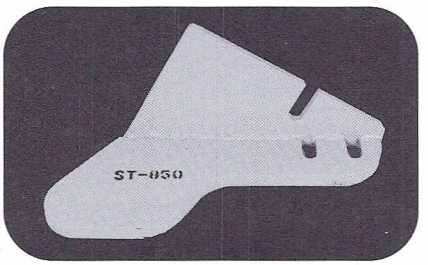
- Frink Nosepiece
- Frink Part # 0004-6-4
- Fits Model # 640 Plows
- Weight 11 Lbs.

ST-840



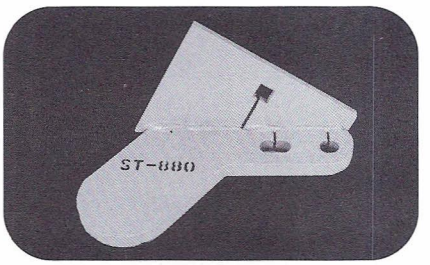
- Tenco Nosepiece
- Fits 1985+
- Weight 11.75 Lbs.

ST-850



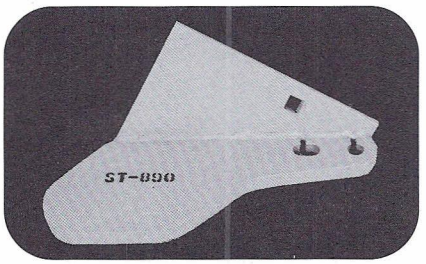
- Viking Nosepiece
- Fits 8" TP Plow Blades Only
- Weight 14 Lbs.

ST-880



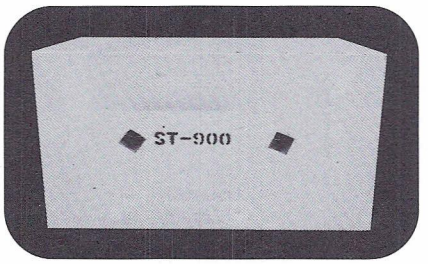
- Everest Nosepiece
- Fits all Models
- Weight 10.75 Lbs.

ST-890



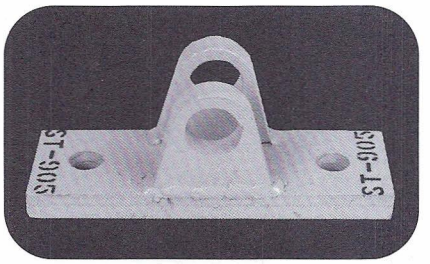
- Everest Nosepiece
- Fits 8" Top Punch Blades Only
- Weight 12.5 Lbs.

ST-900



- Frink Frame Shoe
- Frink Part # 3232-1
- Takes ¾" x 3" Plow Bolt
- 1¾" x 8" x 14"
- Weight 50 Lbs.

ST-905



- Mounting Bracket
- Fits ST-900/6C-1
- Weight 10 Lbs.

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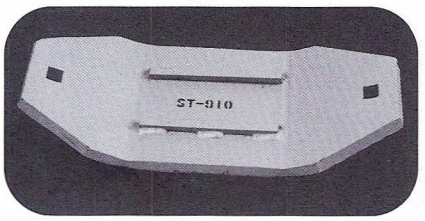
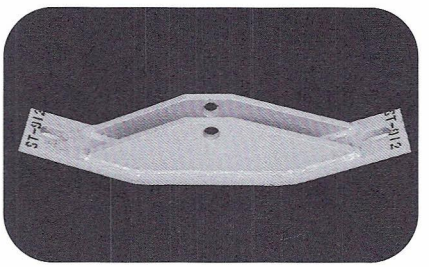
STEEL SNOW PLOW SHOES

ST-910



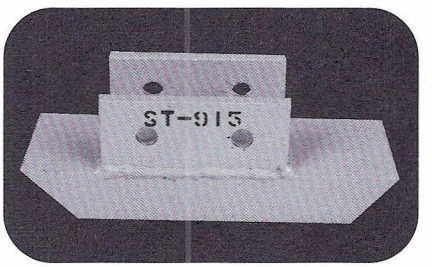
- Frink Frame Shoe
- Frink Part # COV-409
- Fits 640 SK Models
- Heat Treated Steel
- Weight 46 Lbs.

ST-912



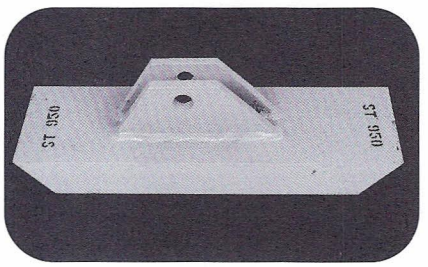
- Adapter Bracket
- Fits ST-910 Frame Shoe
- 1¾" x 4" x 12"
- Weight 11 Lbs.

ST-915



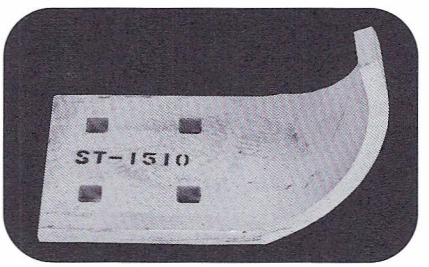
- Good Roads Frame Shoe
- Good Roads Part # GRI-PP0023
- Weight 30 Lbs.

ST-950



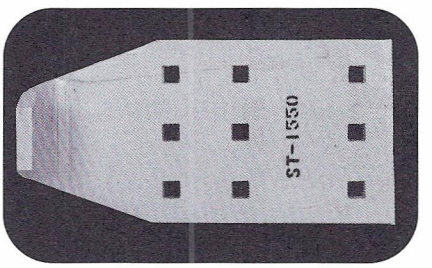
- Tenco Frame Shoe
- Weight 52 Lbs.

ST-1510



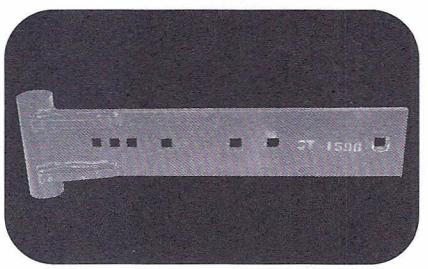
- Universal Curb Bumper
- Fits All Makes and Models Top or Center Punch
- Weight 13 Lbs.

ST-1550



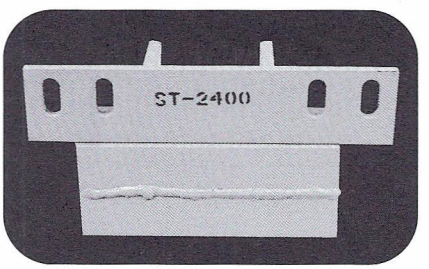
- Heavy Duty Universal Curb Bumper
- Fits All Makes and Models Top or Center Punch Blades
- ¾" Thick, 8" Wide
- Weight 25 Lbs.

ST-1596



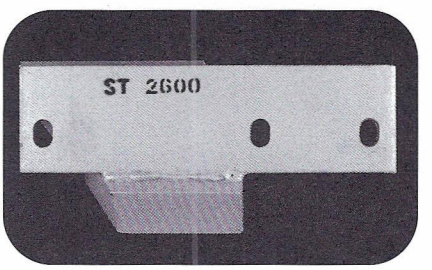
- Heavy Duty Universal Curb Shoe
- Fits All Makes and Model Plows
- Weight 16 Lbs.

ST-2400



- Double Wing Shoe
- For Plows with 8-12" Top Punch Blades
- Weight 54 Lbs.

ST-2600



- Double Moldboard Shoe
- For Plows with 8-12" Top Punch Blades
- Weight 49 Lbs.

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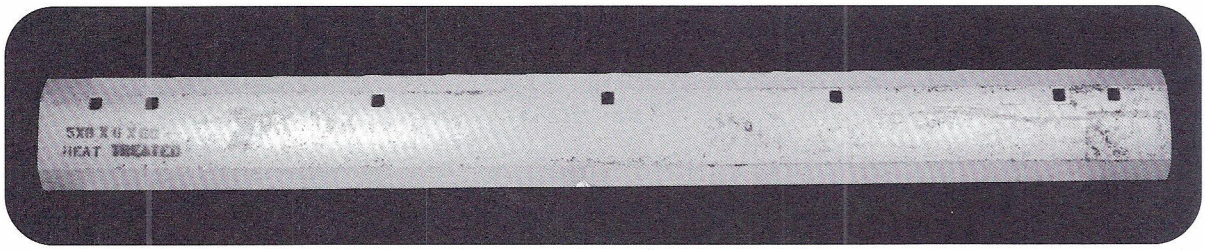
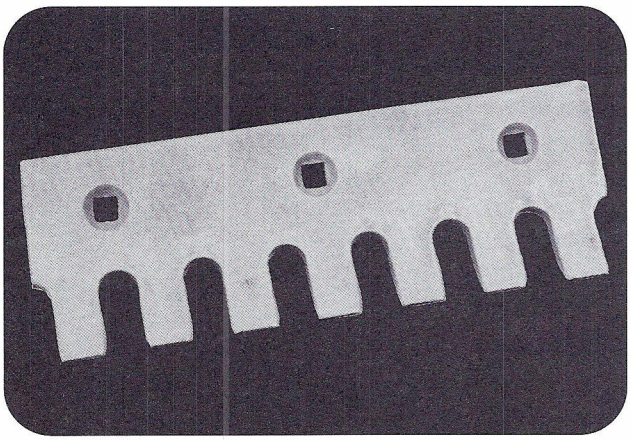
GRADER BLADES



Description	Type
3/4 x 6 x 72	Heat Treated
3/4 x 6 x 84	Heat Treated
3/4 x 8 x 72	Heat Treated
3/4 x 8 x 84	Heat Treated

Serrated Grader Blades



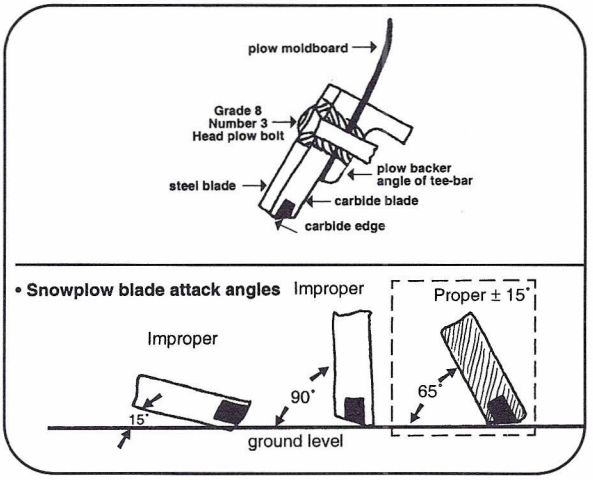
Description	Type
3/4 x 6 x 72	Heat Treated
3/4 x 6 x 84	Heat Treated
3/4 x 8 x 72	Heat Treated
3/4 x 8 x 84	Heat Treated

CARBIDE BLADES
& SHOES

We highly recommend a "cover blade" practice (bolting a steel blade in front of your carbide blade). This will significantly reduce steel erosion around the carbide blade's insert area. In addition, the steel blade will absorb virtually all shock loading and face wear. As a result, you'll get a well-reinforced moldboard and up to 30 percent more blade life.

Size	Spacing
3/4 x 6 x 36	3-3-12
3/4 x 6 x 48	3-3-12
3/4 x 6 x 44	2-8-8
3/4 x 6 x 44	6-8-8

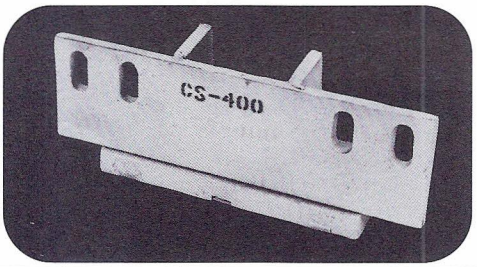
- Specify 1½ or 2" Back Gauge



Carbide Flat Frame Shoe

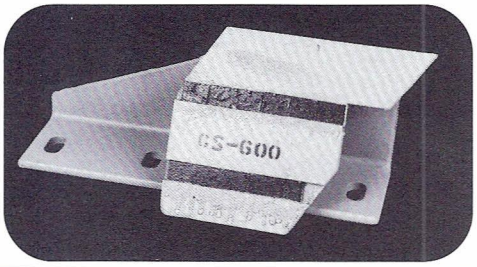
CS-100

- Fits Frink, Viking
- 3 Rows, 3/4" x 1" Carbide Inserts
- 6" Centers
- Weight 28.0 Lbs



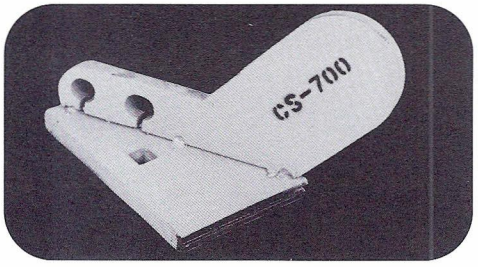
CS-400

- Carbide Frink Steel Wing Shoe
- Fits 8-12" Centers
- Replaces Frink Part # 0004-7-19
- Weight 31 Lbs.



CS-600

- Carbide Frink Moldboard Shoe
- Replaces Frink Part # F-04060-1
- Standard 45° Angle
- Weight 21 Lbs.



CS-700

- Carbide Frink Nosepiece
- Frink Part # 541R
- Weight 11.75 Lbs.

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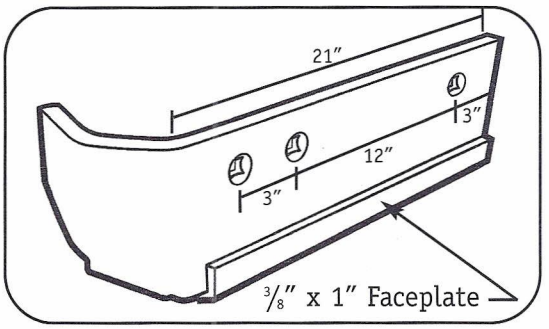
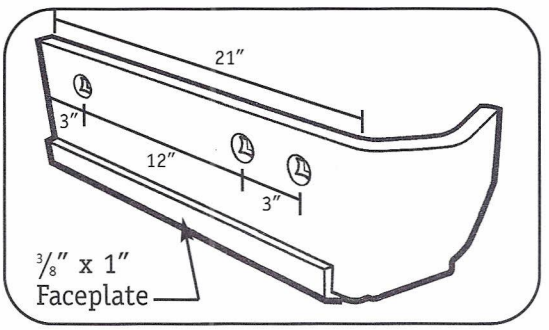
CARBIDE CURB GUARDS



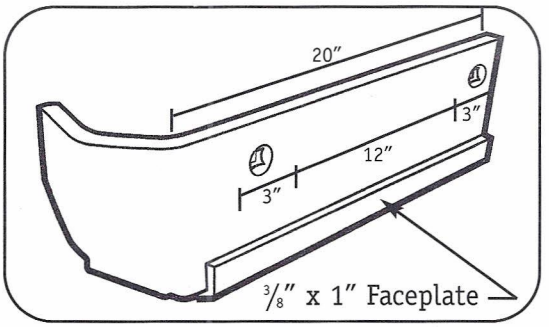
CS-2525

- Right Hand Application
- 21″ Carbide Runner
- Fits 3-3-12 Punch
- Thickness 1″ x 8″ High
- Weight 48.0 Lbs



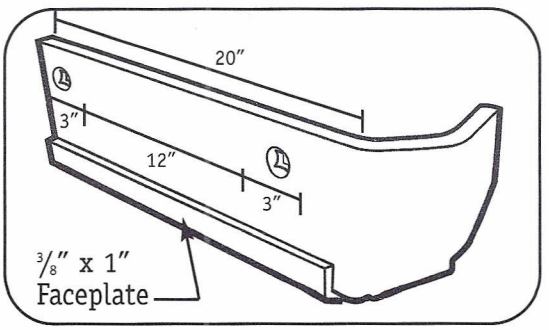
CS-2530

- Left Hand Application
- 21″ Carbide Runner
- Fits 3-3-12 Punch
- Thickness 1″ x 8″ High
- Weight 48.0 Lbs



CS-2535

- Right Hand Application
- 20″ Carbide Runner
- Fits 2-8-8 Punch
- Thickness 1″ x 8″ High
- Weight 48.0 Lbs



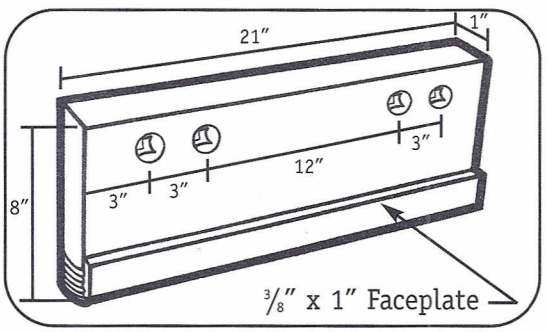
CS-2540

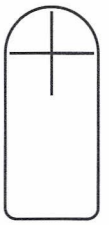
- Left Hand Application
- 20″ Carbide Runner
- Fits 2-8-8 Punch
- Thickness 1″ x 8″ High
- Weight 48.0 Lbs

CARBIDE PLOW GUARDS

All Carbide Curb Guards Use Bullnose Style Inserts to Eliminate Chatter And Prolong The Life Of The Cutting Edges

CS-2500

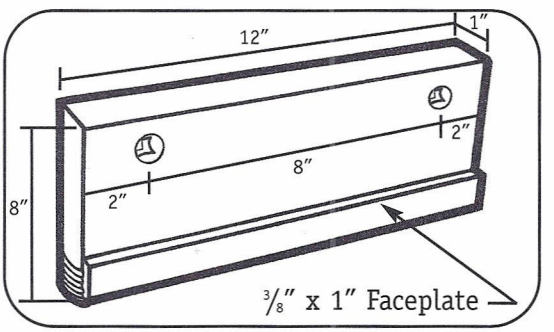




Bullnose Carbide Inserts End View

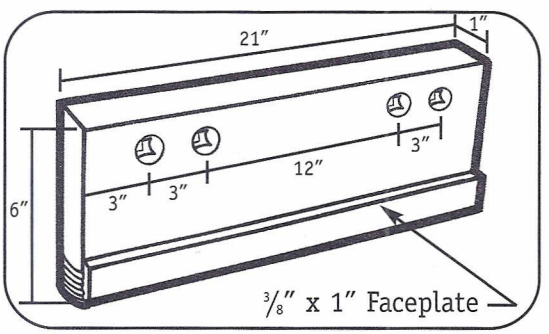
- 21″ Carbide Runner
- Fits 3-3-12 Punch
- Weight 45.0 Lbs

CS-2515



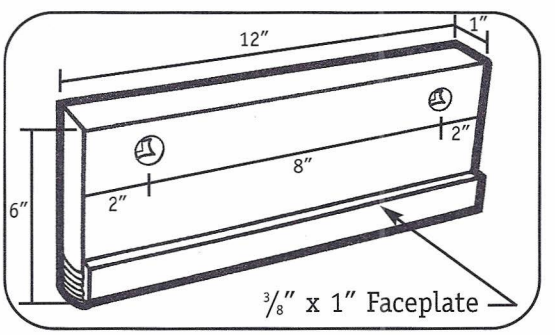
- 20″ Carbide Runner
- Fits 2-8-8 Punch
- Weight 22.0 Lbs

CS-2510



- 21″ Carbide Runner
- Fits 3-3-12 Punch
- Weight 40.0 Lbs

CS-2520



- 20″ Carbide Runner
- Fits 2-8-8 Punch
- Weight 22.0 Lbs

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http://ExpandedSupplyProducts.com

LOADER BLADES

Flat Single Bevel Loader Blades

Size	WT/FT
1/2 x 6	15
5/8 x 6	13
3/4 x 6	14
3/4 x 8	19

Flat Double Bevel Loader Blades

Size	WT/FT
1/2 x 6	9
5/8 x 6	12
3/4 x 6	15
3/4 x 8	20
1 x 8	26
1 x 10	37.4
1 x 12	41
1 1/4 x 13	55
1 3/8 x 16	75

SPROCKETS

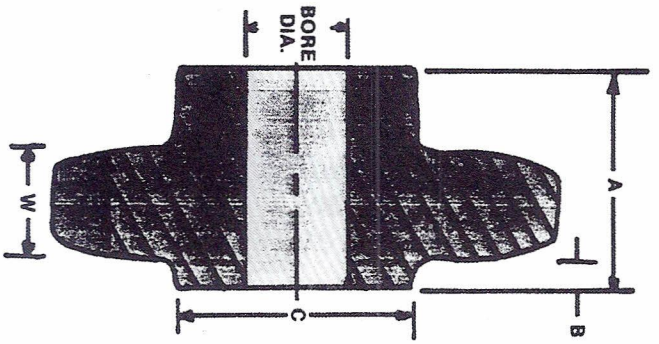
Premium Quality Cast Sprockets

Made in the U.S.A.

Made to ANSI Specifications

Plain Bore or Keyway & Two Set Screws

Hubs are Precision Machined



PART NO.	CHAIN NO.	NO. OF TEETH	BORE IN.	W IN.	A IN.	B IN.	KEY SIZE IN.	C ANNULAR IN.
GC-60	662	6	0.750	.0750	2.00	.0250	N/A	2.13
GC-62	662	6	0.875	0.750	2.00	.0250	0.187	2.13
GC-64	662	6	1.00	0.750	2.00	.0250	0.187	2.13
GC-65	662	8	1.25	0.750	2.250	0.250	0.250	3.22
GC-68	667-X	6	1.25	0.875	2.28	0.312	0.375	2.92
GC-69	667-X	6	1.50	0.875	2.28	0.312	0.375	2.92
GC-71	667-X	8	1.250	0.875	2.53	0.312	0.375	4.45
GC-72	667-X	8	1.500	0.875	2.53	0.312	0.375	4.45
GC-73	667-X	8	1.750	0.875	2.53	0.312	0.375	4.45
GC-74	667-X	8	2.000	0.875	2.53	0.312	0.375	4.45

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RAKE TEETH
& RUBBER SNOW PLOW BLADES

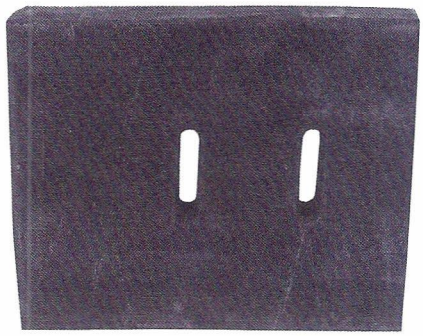
Rake Teeth

O.E.M. Orange Heat Treated Alloy Steel
- Fits all York Rakes

SHT-30
- 5/16″ x 1¼″ x 30″
- 3 Lbs.

Rubber Snow Plow Blades

1 x 6 x 90	Pick Up
1 x 6 x 96	Pick Up
1 x 6 x 102	Pick Up
1 x 6 x 108	Pick Up
1½ x 10 x 96	Pick Up
1½ x 10 x 102	Pick Up



Rubber Blades offer many advantages, including:

- **Protection of markers and covers –** Rubber blades won't cut or rip out lane markers, manhole covers or other devices imbedded in pavement.
- **Squeegee action –** Rubber blades adapt to uneven surfaces, sweep away slush and water as well as snow...excellent plowing city streets and airport runways.
- **Protection of plows –** Rubber blades eliminate chattering...cushion shock when blade strikes hidden object. Less impact damage to plow, fasteners and vehicle.
- **Slotted, reversible –** Adjustable to compensate for wear; reversibility adds to long life.
- **For Drilled Holes, Please Specify When Ordering.**

Size	# of Holes	Spacing
1½ x 10 x 108	11	3-3-12
1½ x 10 x 120	12	3-3-12
1½ x 10 x 120	15	4-8-8
1½ x 10 x 132	13	3-3-12
1½ x 10 x 132	17	2-8-8
1½ x 10 x 144	14	3-3-12
1½ x 10 x 144	18	4-8-8
1½ x 10 x 156	15	3-3-12
1½ x 10 x 168	16	3-3-12
1½ x 10 x 192	18	3-3-12
2 x 10 x 120	12	3-3-12
2 x 10 x 132	13	3-3-12
2 x 10 x 144	14	3-3-12

NOTE: We also carry 50 ft. rolls for custom applications

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HARDWARE

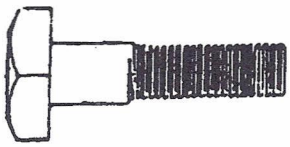
Carriage Bolts – Grade 5

Size	Size	Size
1/2 x 2	5/8 x 2 1/2	3/4 x 2 1/2
1/2 x 2 1/2	5/8 x 3	3/4 x 3
1/2 x 3	5/8 x 3 1/2	3/4 x 3 1/2
1/2 x 3 1/2	5/8 x 4	
5/8 x 2	5/8 x 4 1/2	
	5/8 x 5	
	5/8 x 6	

Plow Bolts – Grade 8

Size	Part #	Size	Part #	Size	Part #
5/8 x 2		3/4 x 3		7/8 x 4	PD-40
5/8 x 2 1/2		3/4 x 3 1/2		1 x 3	PE-30
5/8 x 3		3/4 x 4		1 x 3 1/2	PE-35
5/8 x 3 1/2		7/8 x 3		1 x 4	PE-40
5/8 x 4		7/8 x 3 1/2			

Square Head Bolts – Grade 2



Size	Part #
3/4 x 2	SB-20
3/4 x 2 1/2	SB-25
3/4 x 3	SB-30

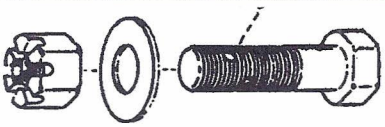
Lockwashers

Size	Part #
1/2	LW-500
5/8	LW-625
3/4	LW-750

Hex Nuts – Grade 8

Size	Part #
1/2	N-500
5/8	N-625
3/4	N-750

Wing Bolts



Size	Part #
1 1/4 x 4 1/2 (Frink)	FB-45
1 1/2 x 5 (Viking)	VG-50

Hex Nuts with Nylon Inserts

Size	Part #
1/2	NY-500
5/8	NY-625
3/4	NY-750

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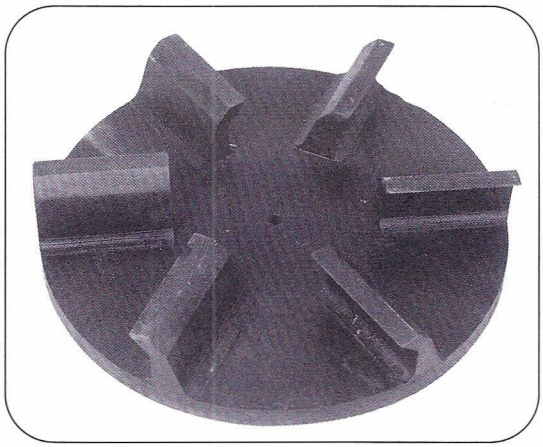
ARTIC GROOMER™

Urethane Sand & Salt Spreaders Spreader Product Line

Specifications

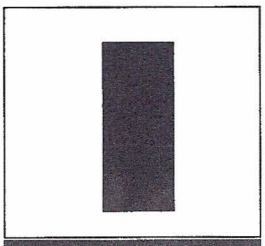
- Precision Machined Back Provides Dynamic Balance
- Base Design is .50" – .750" Thick (relative to diameter size)
- Integral One Piece Design
- 90 shore A Hardness
- Available in 9" to 30" Diameters
- Universally Fits Any Spreader Box
- Vane Design is Tailored to Optimize Spread Pattern



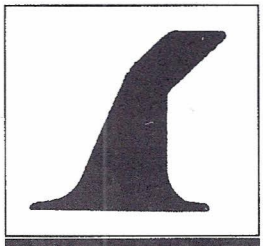
ArticGroomer™ Spreader Vane Options

ITEM NUMBER 1

Universal – Can spread in both clockwise and counter clockwise directions.



Straight



Radial Thrust

ITEM NUMBER 3

Superior spreading coverage. Specify spreading direction upon order: clockwise or counter-clockwise.

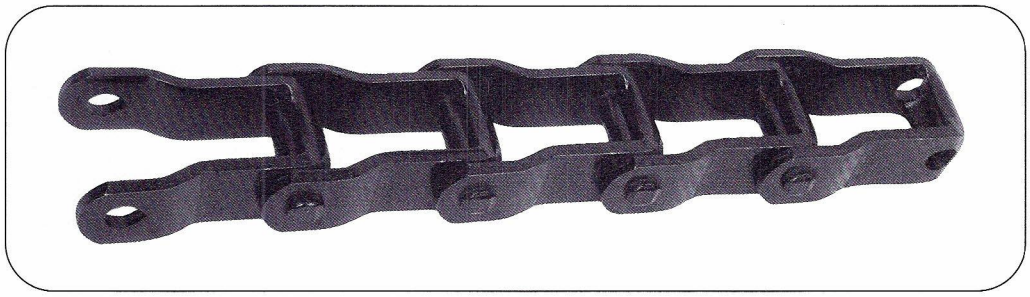
One Piece Molded Construction	Each ArticGroomer™ spreader is molded in one piece. The vane is not an attachment, but is integral to the structure for added durability.
Abrasion Resistant – Rust Free	ArticGroomer™ spreaders will never corrode: FITEC™ polyurethane's abrasion resistant properties can reduce vane wear up to 85% and outperform rubber, other plastics, and metals. This minimizes replacement costs and keeps more vehicles in service.
Angled Vanes	MTS engineers angled vanes for controlled sand and salt dispersion. This results in a consistently even spread pattern, producing safer, less hazardous roads – the first time out.
Non-Stick Surface	Unlike conventional steel spinners, the Ice-o-phobic™ urethane surface of the ArticGroomer™ spreader reduces freezing and clumping. This minimizes rotational wobble, the main cause of expensive bearing and shaft wear and hydraulic motor replacement.
Maintenance Free	Lasts up to six times longer than metal.

STEEL PINTLE CHAIN

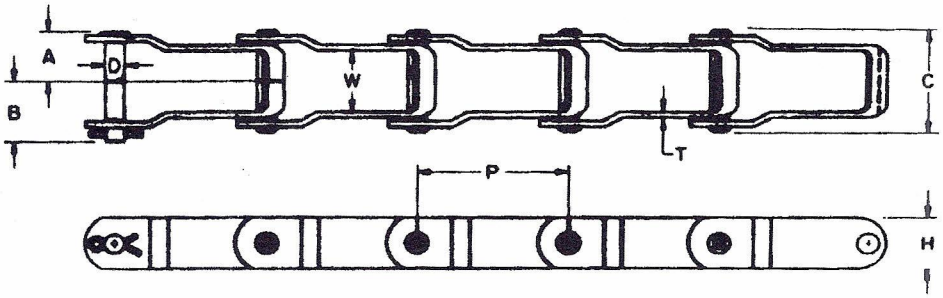
D662, D667H, D667X, D667K, D88K

Roller Chain & C-188 Cast Iron Chain,

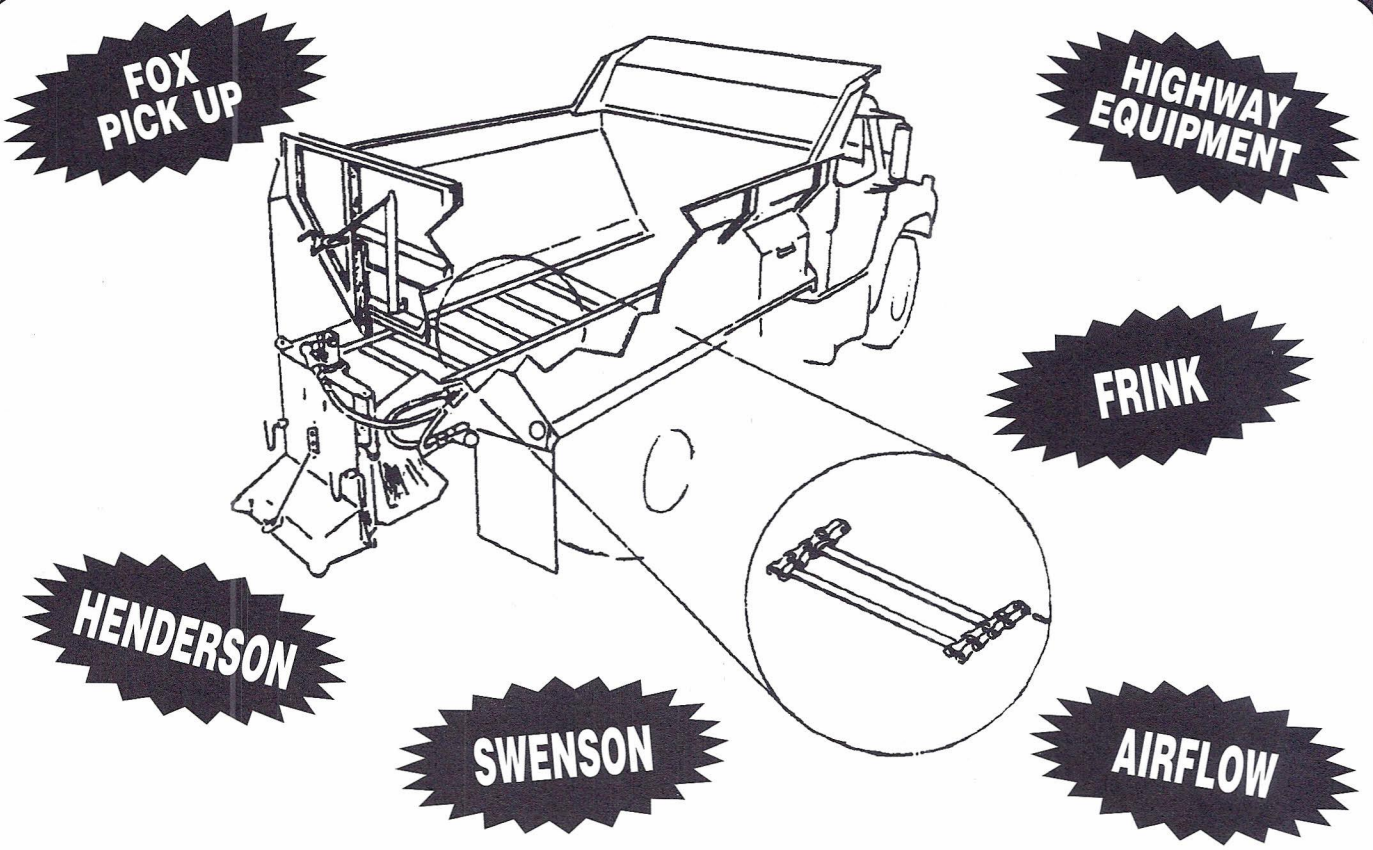
Please Specify Imported Or Domestic Chain



CHAIN NO.	Links in 10 Feet or 3048mm	Approx. Weight in Lbs. per 100 Feet or (kg Per Metre)	Average Ultimate Strength in Pounds (kN)	Minimum Tensile Strength in Pounds (kN)	Maximum Recom-mended Working Load in Pounds (kN)	P Pitch	A	B	C	D	H	W	T
D662	72	105 (1.6)	11,000 (48.93)	8,500 (37.81)	1,700 (7.56)	1.664 (42.27)	51/64 20.22)	7/8 (22.23)	1 5/6 (41.28)	.281 (7.14)	.720 (18.29)	29/32 (23.01)	.125 (31.75)
D667H	52	117 (17)	12,500 (55.60)	9,500 (42.26)	1,900 (8.45)	2.313 (58.75)	7/8 (22.23)	1 1/32 (26.19)	1 47/64 (44.04)	.312 (7.92)	.875 (22.23)	1 (25.40)	.125 (3.175)
D667X	53	186 (2.8)	21,000 (93.42)	15,000 (66.73)	3,000 (13.35)	2.250 (57.15)	1 1/32 (26.19)	1 9/64 (28.96)	1 61/64 (49.61)	.437 (11.10)	.937 (23.80)	1 1/16 (26.92)	.170 (4.318)
D667K	53	244 (3.6)	24,500 (108.99)	20,000 (88.97)	4,000 (17.79)	2.250 (57.15)	1 1/8 (28.58)	1 15/64 (31.34)	2 1/8 (53.98)	.437 (11.10)	1.062 (26.97)	1 5/64 (27.38)	.200 (5.080)
D88K	46	230 (3.4)	24,500 (108.99)	20,000 (88.97)	4,000 (17.79)	2.609 (66.27)	1 1/8 (28.58)	1 15/64 (31.34)	2 1/8 (53.98)	.437 (11.10)	1.062 (26.97)	1 5/64 (27.38)	.200 (5.080)



SPREADERS

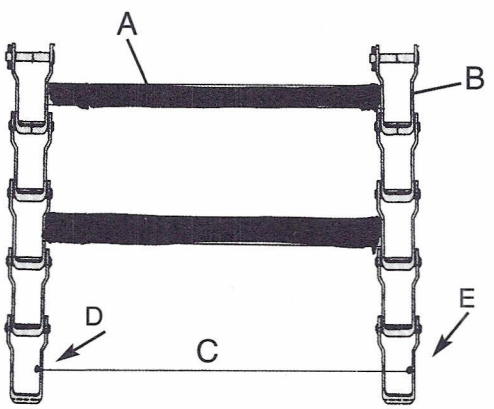


PROCEDURE FOR ORDERING SPREADER CHAIN:

A Bar size and width. (Example: ¼″ x 1″ - ⅜ x 1½

B Type pintle link stamped on side.
Example: D667X D662

C Measurement should be from point D to point E.



HOPPER SPREAD REPLACEMENT CONVEYOR CHAIN

Brand	Model	OEM Part No.	Length/ Links	Center-of-Spocket To Center-of-Spocket	Chain No.	Qty.	Cross Bar	Cross Bar Spacing	Shipping Weight
Airflow	PS-8E	40012	8′/123	10-1/2″	662	41	3/4″ x 1/4″	5″	53.15 lbs.
Airflow	PSV-8E	A40142	8′/123	9-3/4″	662	41	3/4″ x 1/4″	5″	70 lbs.
Airflow	PS10E	A40092	10′/154	10-1/2″	662	51	3/4″ x 1/4″	5″	87.5 lbs.
Airflow	AF-24D	60065	10′/114	20-1/2″	667X	57	1-1/2″ x 3/8″	4 1/2″	266 lbs.
Airflow	AF-24D	60067	12′/138	20-1/2″	D667X	69	1-1/2″ x 3/8″	4 1/2″	319 lbs.
Airflow	AF-24D	60069	14′/160	20-1/2″	D667X	80	1-1/2″ x 3/8″	4 1/2″	372 lbs.
Fisher**	RC	9177	8′/123	10-3/8″	662	41	3/4″ x 3/16″	5″	51.34 lbs.
Fisher	HC	68474	8′/123	14″	662	41	3/4″ x 3/16″	5″	70 lbs.
Fisher	HC	68435	10′/159	14″	D662	41	1″ x 1/4″	5″	88 lbs.
Flink	LMC-6A	25353	8′/92	14-1/4″	667H	31	1″ x 1/4″	7″	74.8 lbs.
Flink	LMC-5H	20096	10′/118	21-1/8″	667X	59	1-1/2″ x 3/8″	4 1/2″	270.6 lbs.
Down Easter	MID-SIZE	SPGV110A	8′/123	12-1/4″	662	41	3/4″ x 3/16″	5″	70 lbs.
Hiniker	540/640	401-00336	8′/90	11-1/2″	667H	30	3/4″ x 1/4″	7″	60 lbs.
Down Easter	MID-SIZE	SPGV110A	10′/160	12-1/4″	D662	41	1″ x 1/4″	5″	88 lbs.
Tarco	Highlander JR	23652-1	8′/123	12″	D662	41	1″ x 1/4″	5″	66 lbs.
Tarco	HLHY210	30137-10A	10′/121	21-1/2″	667X	60	1-1/2″ x 3/8″	4 1/2″	256 lbs.
Good Roads	Series 3		14′/169	22-1/2″	667X	80	1-1/2″ x 1/4″	4 1/2″	364 lbs.
Henderson	FSP	61201	8′/123	11-1/4″	662	41	3/4″ x 1/4″	5″	58 lbs.
Henderson	FSP	61201	10′/160	11-1/4″	D662	53	3/4″ x 1/4″	5″	73 lbs.
Henderson	FSH	77467-77468	10′/112	21-1/8″	667X	56	1-1/2″ x 1/4″	4 1/2″	193.6 lbs.
Henderson	FSH		12′/142	21-1/8″	D667X	71	1-1/2″ x 3/8″	4 1/2″	232 lbs.
Henderson	FSH		14′/164	21-1/8″	D667X	82	1-1/2″ x 3/8″	4 1/2″	271 lbs.
Hi Way	P	34056	8′/123	10-3/8″	662	41	3/4″ x 3/16″	5″	51.34 lbs.
Hi Way	Super P	79305	8′/123	14-1/4″	D662	41	1″ x 1/4″	5″	78 lbs.
Hi Way	Super P	84723	10′/159	14-1/4″	D662	53	1″ x 1/4″	5″	98 lbs.
Hi Way	E-2020	12993	10′/112	21-1/4″	667X	56	1-1/2″ x 3/8″	4 1/2″	253 lbs.
Hi Way	E-2020	12995	12′/138	21-1/4″	D667X	69	1-1/2″ x 3/8″	4 1/2″	303 lbs.
Hi Way	E-2020	39605	14′/160	21-1/4″	D667X	80	1-1/2″ x 3/8″	4 1/2″	354 lbs.
Sno-Way	V & FV	96104740	8′/123	13-1/2″	662	41	3/16″ x 1″	5″	57 lbs.
Swenson	PV358	0404301600	8′/90	12-3/4″	667H	23	1″ x 1/4″	5″	57 lbs.
Swenson	MDV	04043-043-00	10′/110	12-3/4″	667H	55	1″ x 1/4″	5″	89 lbs.
Meyer		62345	10′/110	12-3/4″	667H	55	1″ x 1/4″	5″	89 lbs.
Swenson	EV100	0404503700	10′/119	20-1/4″	667X	59	1-1/2″ x 1/4″	4 1/2″	209 lbs.
Swenson	EV150/200	0404507300	10′/119	20-1/4″	667X	59	1-1/2″ x 3/8″	4 1/2″	260 lbs.
Swenson	EV100/150/200	0404539006	12′/142	20-1/4″	D667X	71	1-1/2″ x 3/8″	4 1/2″	312 lbs.
Swenson	EV100/150/200	0404539008	14′/164	20-1/4″	D667X	82	1-1/2″ x 3/8″	4 1/2″	364 lbs.
Smith II	Series II	120-7A	8′/125	10-1/2″	662	42	3/4″ x 1/4″	5″	55 lbs.
Torwell	EconomizerE15		8′/132	10-5/8″	D662	44	1″ x 1/4″	5″	60 lbs.
Torwell	4DPT06D-10		10′/118	15″	D667X	59	1-1/2″ x 3/8″	4 1/2″	179 lbs.
Torwell	4DPT06D-10		10′/118	21″	D667X	59	1-1/2″ x 3/8″	4 1/2″	250 lbs.
Warren	AC1410/20	22004432	8′/129	11-1/4″	D662	43	1″ x 1/4″	5″	74 lbs.
Western**	RC	65183	8′/123	10-5/8″	662	41	3/4″ x 3/16″	5″	51.34 lbs.
Western	HC	68474	8′/123	14″	662	41	3/4″ x 3/16″	5″	70 lbs.
Warren	E/AC-2420	22004432SP	10′/118	20-1/2″	D667X	59	1-1/2″ x 3/8″	4 1/2″	212 lbs.