



*Setting the Standard for Wear!*

## **R & H SHIN GUARDS**

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R & H Machine makes a wide variety of shin guards to help protect your ripper shanks from excessive wear. All shin guards are made of long-wearing Chrome Alloy.

We make several different types of guards. We manufacture universal weld-on, pre-welded, bolt-on, and pin-on type shin guards.

### **PRE-WELDED SHIN GUARDS**

The **pre-welded types** are fabrications consisting of a piece of High Chrome Alloy pre-welded onto a mild-steel backing for ease of installation. These come in a variety of widths ranging from 1-1/4" to 4", and lengths from 3" to 9-3/4". The pre-welded type is available in either conventional 1/2 round or high-ridge design.

### **BOLT-ON and PIN-ON SHIN GUARDS**

The **bolt-on and pin-on types** are made to fit specific machines such as TYE or KMC and simply replace the standard shin guard.

### **UNIVERSAL SHIN GUARDS**

The **universal type** is a triangular strip ranging from 5/8" to 2" wide, and from 6" to 15" long which can be welded directly onto the face of the shank (see welding instructions below).

## **Important Instructions for Welding!**

Since R & H Chrome Alloy has a higher chrome content than competitors use, it is necessary to follow the welding instructions precisely. All R & H Chrome Alloy weld-on parts must be heated to a **bright, cherry red** before welding. Use a mild-steel rod in a stick welder or a mild-steel wire in a wire-feed welder.

Heat the casting, and, while it is still **red**, weld the part into place. The shank to be repaired should be at room temperature. Room cool out of draft.

Shin guards that have a steel backing pre-welded onto them do not need to be heated. Just weld the backing plate into place without welding on the casting.



**Our shin guards lead the way!!!**

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# RH PRE-WELDED SHIN GUARDS

RH Chrome Alloy cap is pre-welded onto a 3/8" mild-steel backing for ease of installation.  
The cap is wider than the backing to reduce wear on shank.

To fit: 1" or 1-1/4" shank

RH 79 B SHIN GUARD



Length: 3"  
Width: 1-1/2"

RH 79 BHR SHIN GUARD with HIGH RIDGE



Length: 3"  
Width: 1-1/2"

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To fit: 1-1/2" shank

RH 79 C SHIN GUARD



Length: 3"  
Width: 1-3/4"

RH 79 CHR SHIN GUARD with HIGH RIDGE



Length: 3"  
Width: 1-3/4"

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To fit: 2" shank

RH 79 E SHIN GUARD



Length: 3"  
Width: 2-1/4"

To fit: 3" shank

RH 79 G SHIN GUARD



Length: 3-3/4"  
Width: 3"

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To fit: 2-1/2" shank

RH 79 F SHIN GUARD



Length: 3"  
Width: 2-3/4"

RH 79 FHR SHIN GUARD with HIGH RIDGE



Length: 3"  
Width: 2-3/4"

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To fit: 3-4" shank

RH 79 JHR-U PRE-WELDED SHIN GUARD  
with HIGH RIDGE



Length: 9"  
Width: 4"

RH 79 JHR-L PRE-WELDED SHIN GUARD  
with HIGH RIDGE



Length  
Bottom: 9-3/4"  
Peak: 9-1/4"  
Width: 4"

**NOTE:** Both ends are open.

**NOTE:** One end is bevelled to allow for the curvature of the shank. The bevelled end is closed, and the other end is open.

# RH BOLT-ON SHIN GUARDS

The bolt-on types of shin guards are made to fit specific machines, such as BIGHAM and TYE PARATIL , and simply replace the standard shin guards.

**RH 79 TP-LB SHIN GUARD - LEFT BOTTOM**

**RH 79 TP-RB SHIN GUARD - RIGHT BOTTOM**



Hole spacing: 2-5/8"  
Bolt holes: 7/16" hex

**RH 79 TP-LC SHIN GUARD - LEFT CENTER**

**RH 79 TP-RC SHIN GUARD - RIGHT CENTER**



Hole spacing: 2-1/8"  
Bolt holes: 7/16" hex

**RH 79 TP-LT SHIN GUARD - LEFT TOP**

**RH 79 TP-RT SHIN GUARD - RIGHT TOP**



Hole spacing: 2-1/8"  
Bolt holes: 7/16" hex

**RH 79 TP-LS STEP - LEFT HAND**

**RH 79 TP-RS STEP - RIGHT HAND**



Length: 3-3/8"  
Width: 2-3/8"

**RH 79 TP-LLS LANDSLIDE - LEFT HAND**

**RH 79 TP-RLS LANDSLIDE - RIGHT HAND**



Length: 11-1/2"  
Hole spacing: 5-1/8"  
Bolt holes: 3/8" hex

**RH 79 TP-SPC SHATTER PLATE COVER**



Length: 9-3/8"  
Width: 6-1/2"  
Bolt holes: 1/4"

# RH PIN-ON SHIN GUARDS

R & H pin-on types of shin guards are made to fit specific machines, such as KMC, BRILLION, ROW TECH and ORTHMAN. They simply replace the standard shin guards, with R & H long wearing Chrome Alloy.

**RH 79 KMC PIN-ON SHIN GUARD** To fit: KMC



<b>Overall:</b>	<b>Slot:</b>
<b>Length:</b> 12"	<b>Length:</b> 9-1/2"
<b>Width:</b> 1-1/2"	<b>Width:</b> 3/8"
<b>Hole spacing:</b> 3-7/8"	<b>Bolt holes:</b> 1/4"

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**RH 79 RT PIN-ON SHIN GUARD** To fit: Row Tech



<b>Length:</b> 7-7/8"	<b>Slot width:</b> 1/4"
<b>Height:</b> 1-1/4"	<b>Hole spacing:</b> 4"
<b>Thickness:</b> 3/4"	<b>Holes:</b> 1/4"

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**RH 79 BC BOLT-ON SHIN GUARD** To fit: Beaver Crossing



<b>Length:</b> 19-1/2"	<b>Bolt hole:</b> 7/16"
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**RH 79 BLC CLIP-ON SHIN GUARD** To fit: Brillion Land Commander



<b>Length:</b> Overall: 20-1/4"	<b>Height:</b> 2-7/8"
<b>Body:</b> Bottom: 15-3/4"	<b>Thickness:</b> 1-3/4"
<b>Ridge:</b> 14-1/4"	

**RH 79 OR PRE-WELDED PIN-ON SHIN GUARD** To fit: Orthman



<b>Length:</b> 18"	<b>Hole spacing:</b> 7"
<b>Width:</b> 2-3/4"	<b>Holes:</b> 7/16"
<b>Channel:</b> 1-1/2"	

**NOTE:** Six RH Chrome Alloy caps pre-welded onto 18" long, "U" shaped, mild-steel backing.

# RH WELD-ON SHIN GUARDS

The R & H universal weld-on type of shin guard is a Chrome Alloy triangular strip ranging from 5/8" to 2" wide, and from 6" to 15" long which can be welded directly onto the face of the shank or pre-welded onto a backing (see welding instructions).

## RH 79 T-.625-6 TRIANGULAR SHIN GUARD

To fit: 5/8" shank



Length: 6"  
Triangle sides: 5/8"

## RH 79 T-.75-10 TRIANGULAR SHIN GUARD

To fit: 3/4" shank



Length: 10"  
Triangle sides: 3/4"

## RH 79 T-.875-1-9 TRIANGULAR SHIN GUARD

To fit: 7/8" shank



Length: 9"  
Width: 7/8"  
Height: 1"



End view

## RH 79 T-1-12 TRIANGULAR SHIN GUARD

To fit: 1" shank



Length: 12"  
Triangle sides: 1"

## RH 79 T-1.25-15 TRIANGULAR SHIN GUARD

To fit: 1-1/4" shank



Length: 15"  
Triangle sides: 1-1/4"  
End: 45 degree cut

## RH 78 UNIVERSAL SHIN GUARD



Length: 6-1/2"  
Height: 2-1/4"  
Thickness: 1"

## RH 79 TO-2 UPPER SHIN GUARD

To fit: Towner-Meyer;



Length: 8-1/2"  
Width: 2"  
Thickness: 1-3/4"

## RH 79 TO-2 LOWER SHIN GUARD

To fit: Towner-Meyer (notched boot);

Length: 8-3/4"  
Width: 2"  
Thickness: 1-3/4"



NOTE: used with RH 79TO-2-L

NOTE: used with RH 79TO-2-U