



*Setting the Standard for Wear!*

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## **R & H Chrome Alloy RIPPER POINTS**

Learn more - [www.rhmachine.com](http://www.rhmachine.com) 1-800-321-6568

### *The Long and Short of It*

R & H Machine produces ripper points to fit a wide variety of machine brands and models. Our ripper points range in size from the smallest, with an overall length of 6-7/8 inches and weighing 4 pounds, to the largest with a length of 21 inches, weighing in at more than 85 pounds.

R & H ripper points and shin guards are composites made up of several different metals. The extremely long wear of R & H ripper points is provided by a top plate cast of 28% or 30% chrome along with other metals to make the alloy stronger and tougher. Each casting is manufactured to our exact specifications. The alloy we use was originally designed and patented for use in rock crushers. Chrome Alloy is resistant to red heat, and metallurgists tell us that as our parts wear, the molecules lap over one another instead of breaking off. Our research also indicates that for each 2% reduction in chrome, wear is reduced by up to 50%.

Impact strength is provided by a slab of T-1 steel, giving 2-1/2 times the bend strength of mild steel, in addition to a mild-steel boot with built-in gussets. Each boot is custom made with punched holes for the attachment pin and an additional hole to indicate the approximate tip of the shank to help prevent excessive wear. Much higher impact levels can be withstood because of the combination of the T-1 steel and side plate gussets as opposed to using Chrome Alloy alone.

Another advantage to using R & H ripper points, in addition to long wear, is the ability to self-sharpen and to stay sharp, maintaining penetration throughout the life of the point.



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**If we doubled the price --- it would still be a bargain!!!**

# R & H Chrome Alloy RIPPER POINTS

## Selecting the Best RH Style for Use on your Farm

*R & H Chrome Alloy ripper points come in several different styles designed for specific uses. All of the selections have exceptional wear capabilities, but not all of the points perform in the same fashion, or were designed for the same purpose.*

### RH REGULAR POINT



### RH REGULAR STYLE

**Regular** series is a good general purpose ripper point that works well in all types of soil conditions. The rounded Chrome Alloy plate provides lift to the soil to give a shattering action. It was designed in tough northwest soils to be very durable in the adverse conditions.

### RH WING-BASE POINT (WB-6 or 8)



### RH 10" BOLT-ON WING (RPWG)



### RH 88 WJD BOLT-ON RIPPER POINT



### RH FIN STYLE

**Fin** series is designed to cut down slabbing problems. The point fractures the ground, and the fin breaks the slabs, allowing the shank to slide through the ground without heaving the soil. This cuts down the number of larger clods and slabs of dirt on top of the field. This series is especially useful when ripping between rows of plants.

### RH FIN POINT (FIN)



### RH FIN WING-BASE (FWB-6 or 8)



### RH 10" BOLT-ON WING -FIN (RPWG-F)



### RH WING-CAP FIN POINT (WCAP-F)



# R & H Chrome Alloy RIPPER POINTS

## RH HIGH PENETRATION STYLE

**RH HIGH-PENETRATION (HP)**



**High Penetration** series is designed for more severe conditions where the hardpan won't allow regular points to penetrate, or the soil type requires a more aggressive point.

**High Ridge - High Penetration** series is designed for both minimum-till and no-till ground conditions. Its design allows maximum penetration with much less disturbance of the surface soil, thus allowing you to rip your ground after the plants have emerged

**RH HIGH RIDGE-HIGH PENETRATION (DD)**



**RH HIGH-PENETRATION WING-BASE (HPWB-6 or 8)**



**RH 10" BOLT-ON WING HIGH PENETRATION (HPRW)**



## RH HIGH RIDGE FIN STYLE

**RH 83 HIGH RIDGE FIN POINT (HRF)**



**RH 93/94 HIGH RIDGE FIN POINT (BHRF)**



**High Ridge Fin** series is designed to give the best of two worlds. With the high penetration nose it will break through hard pan, and the fin will reduce slabbing and larger clods on the surface of the field.

# R & H Chrome Alloy RIPPER POINTS

## RH 10" BOLT-ON WING SERIES

**RH 10" BOLT-ON WING (RPWG)**



**10" Bolt-On Wing** series consists of a ripper point complete with brackets and cast Chrome Alloy replaceable wings to fit a wide variety of rippers. These versatile wings give an aggressive stirring of the soil to greatly increase shatter and aeration. Bolt-on wings can be attached to Regular and High-Penetration ripper points.

**RH 10" BOLT-ON WING  
HIGH PENETRATION  
(HPRW)**



**RH 10" BOLT-ON WING FIN  
(RPWG-F)**



**RH 83 FROG SERIES**



NOTE: RH 98 BW-L & R WINGS and RH 80 POINT must be ordered separately.

## RH 6" or 8" WING-BASE SERIES

**6" or 8" Wing Base** series is a one-piece cast wing installed behind and in line with the ripper cap. The wing runs at the same angle as the top of the ripper point. The wing base may be used on rippers with shanks up through 1-1/2", and may be installed with Regular, High-penetration, or Fin style caps.

**RH WING-BASE POINT**



**RH HIGH-PENETRATION  
WING-BASE (HPWB-6 or 8)**



**RH FIN WING-BASE  
(FWB-6 or 8)**



# R & H Chrome Alloy RIPPER POINTS

**RH WING-CAP POINT  
(WCAP)**



## RH WING-CAP SERIES

**Wing Cap** series has a fairly flat 6" wing to enhance shatter. Our Chrome Alloy will maintain its width and penetration ability throughout the life of the point. The wing cap is placed in the middle of the ripper, and is very forgiving in adverse conditions.

**RH WING-CAP FIN POINT  
(WCAP-F)**



**Wing Cap Fin** series is the same overall part as the Wing Cap with an added vertical fin. The fin helps reduce slabbing in certain conditions without reducing the effectiveness of the wing. It is available on all points where the Wing Cap is used.

## RH BOLT-ON SERIES

**Bolt-on** series allows the point to be installed onto the ripper shanks with bolts through the face of the point. The Chrome slab is cast with hex holes to give complete protection to the bolt heads.

**RH 80 SLIP-ON RIPPER POINT**



Drive-on style

**RH 86 JD BOLT-ON RIPPER POINT**



**RH 88 WJD BOLT-ON RIPPER POINT**



# R & H Chrome Alloy RIPPER POINTS

## RH STRIP-TILL or MINIMUM-TILL RIPPER POINTS

### RH 82 UZ STRIP-TILL FIN RIPPER POINT



To Fit:  
Unverferth Zone Builder 132

### RH 82 JD STRIP-TILL FIN RIPPER POINT (SHORT)



To Fit:  
John Deere 2100

**Strip-Till or Minimum-Till** rippers consist of a number of different designs suited for the strip-till or minimum-till farmer. Each point is designed to slip through the soil with minimum disturbance, yet maintain our famous long life. *See following page for more information.*

### RH 82 UZ RIPPER POINT



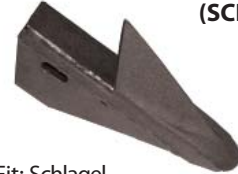
To Fit:  
Unverferth Zone Builder 130

### RH 82 JD STRIP-TILL FIN RIPPER POINT



To Fit:  
John Deere 2100

### RH 82 SC STRIP-TILL FIN RIPPER POINT (SCFIN)



To Fit: Schlagel

### RH 82 SCH/MR MINIMUM RESIDUE STRIP-TILL POINT



To Fit: Schlagel

### RH 81 JD STRIP-TILL POINT



To Fit: JD 2510S

### RH 81 OR-1-TRP STRIP-TILL POINT



To Fit:  
Orthman 1 Tripper

## RH FULL-CAST RIPPER POINTS

### RH 883 FULL CAST RIPPER POINT



To Fit: JD 900 series

### RH 893 FULL CAST RIPPER POINT



To Fit: R & R with 2" shank  
To Fit: Caldwell with 1/1/2" shank

**Full-Cast** ripper points are best used in sandy soil conditions where high wear and low impact are expected. These points provide long life and do an excellent job of opening the soil and breaking the hard pan.



# R & H Chrome Alloy RIPPER POINTS

## R & H ANSWERS for STRIP-TILL

R & H Machine manufactures points with High Chrome Alloy to fit several different types and styles of no-till, minimum-till, and strip-till equipment. Our parts are designed to maintain their shape as well as wear smooth and stay smooth throughout the life of the point. Because our parts wear smooth, they also move less soil laterally, so the slot will close in faster with less air trapped below the surface. Another important feature is that our points are as narrow as possible to help reduce soil disturbance without sacrificing penetration or performance, yet are able to protect the shank from excessive wear. Also, our parts will last many times longer than standard parts, reducing your down time and maintaining consistent performance throughout the life of the part. Our points will help increase yield as well as reducing overall operating cost.



## R & H ANSWERS for DISC-RIPPERS

R & H produces disc ripper points with wings and shin guards. Our most popular points have 6 or 8 inch wide wings with either a regular or high penetration point. We have four styles of wings for different movement of soil. The wing cap point (with a 6 inch midpoint wing) has minimal lift with mild lateral fracture; the 6 and 8 inch wing base points (with wings at the rear) have medium lift with medium lateral fracture; and the 10 inch points (with bolt-on wings) have maximum lift and fracture. The 16-inch flat wing (welded at the bottom) have minimal lift and fracture. As our points are made with our signature High Chrome Alloy material, you can count on extremely long life, and our wings maintain their original width throughout the life of the point. We also have Chrome Alloy pin-on shin guards and Chrome Alloy weld-on segments with mild steel backing.



Show your neighbors a better way!

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## R & H Chrome Alloy RIPPER POINTS

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*R & H makes replacement points to fit the following brands of rippers:*

|                    |                |                   |                |
|--------------------|----------------|-------------------|----------------|
| Ace                | Farm-aid       | Le Tourneau       | S & S          |
| AC                 | Fowler         | Lilliston         | Sawtelle       |
| Atlas Moves        |                | Lundell           | Schlagel       |
| Barrantine         | General Supply |                   | Schmeiser      |
| Berkley            | Graber         | M & W             | Star           |
| Big                | Great Plains   | Marvin            | Strohm         |
| Big Ed             | Hainker        | Massey            | Sunflower      |
| Big Ox             | Hamby          | McDickey          |                |
| Bigham             | HCL            | Milestone         | Taylorway      |
| Brent              | Hiller-Tiller  | Miskin            | Towner         |
| Brillion           | Hiniker        | Murray            | Towner-Meyer   |
| Brown              | Howard         | Noble             | TR-3 Groomer   |
| Bush Hog           | IH             | North American    | Tuffline       |
| Bush Hog Row-till  |                |                   | Tye            |
| Caldwell           | JJ             | Optimizer         | United Farm TL |
| Case/IH            | John Deere     | Orthman           | Unverferth     |
| Caterpillar        | Johnson        | Oxnard            |                |
| Champ              | KC             | Pasture Reclaimer | Watts          |
| Cleveland Trencher | Kilifer        | Pico              | Wilcox         |
| CPC                | Killman        | Pittsburgh        | Wilrich        |
| Dammer-Diker       | KMC            | Poplarville       | Workmaster     |
| Dickey             | Koehn          | Powell            | Worksaver      |
| DMI                | Koenig         | Quinn             | Wykomi         |
| Domerics           | Komatsu        | Quinstar          | Yeomon         |
| Dominator          | Krause         |                   | Year Round     |
| Eagle              | KW             | R & R             | Yetter         |
| Earth-buster       | Landoll        | Remlinger         | Yonker-Johnson |
| Eden               | Lantz          | Roller-cone       | Zone-Builder   |
|                    |                | Rome              |                |

**... and we are continually adding points to fit other brands of rippers.** If you do not see the name of your ripper on this list, please call us at 1-800-321-6568. The information we will need to make a new point is included in the New Parts Request on Home Page.