


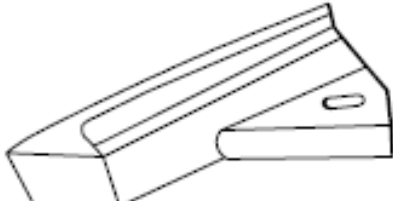

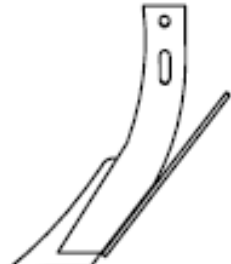
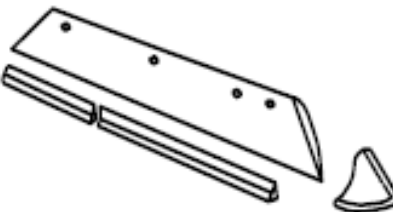

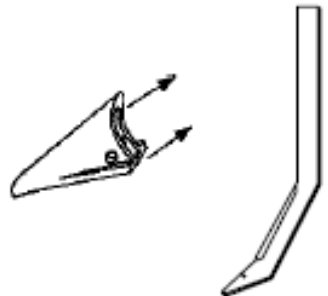




# NORWEST

## MANUFACTURING

71 SOUTH 215 WEST-RUPERT, ID- PHONE: (208) 436-1770 - FAX: (208) 436-1776

<p>C1008 CHROME CAP FOR TWISTED SHOVELS</p> 	<p>CVS-04 SOLID CHROME 4" VIBRA SHANK SWEEP. ALSO AVAILABLE CVS-01, CVS-02, AND CVS-07.</p> 	<p>C1007 CHROME UNDER-WRAP POINT FOR CHISEL FLOW POINTS.</p> 
<p>CH238-07 CHROME RIPPER POINT INSERT FOR BIG ED RIPPERS</p> 	<p>C13 CHROME EDGE FOR KCN130 BACK SWEEP INJECTOR KNIVES</p> 	<p>C20 CHROME POINT AND CP-15 CHROME TUBE PROTECTOR FOR KP140T INJECTOR KNIFE</p> 
<p>C1004 CHROME TIP AND C1003 CHROME EDGES FOR PLOWSHARES</p> 	<p>C1002 CHROME TIP AND C1003 CHROME EDGES FOR SWEEPS</p> 	<p>CJD20 CHROME EAGLE BEAK CHROME FOR INJECTOR SHANKS</p> 

### WELDING PROCEDURE

Stick Electrode: Use 308L stainless AC or DC, 1/8" or 3/16" or 7018 DC, 1/8" or 3/16" (Use 7018 only if experienced welder)

Wire (MIG): Mild steel wire .030, .035 with CO2 or tri-mix gas.

Amperage: With either system use as low amperage as possible. (90 – 110 preferable)

Firmly attach casting to tool, in some cases it may be necessary to grind tool for good fit, and tack weld chrome into place. Release clamps and pre-heat insert to about 500 degrees (when you feel heat radiating 3" above the surface). Weld full bead starting at thinnest section and continue the full length of insert. Turn the tool over immediately and weld the other side (do not let tool cool until it is finished). Use full 1/4" beads where possible.

Cooling: Room temperature is fine, but avoid cool drafts. We highly recommend placing welded tools in dry sand or kitty to cool. Do not place tools on cool concrete floor.

Note: Shortly after welding, cracks may appear in the castings. Do not be alarmed! The castings will not fall off and you will enjoy acres of wear.



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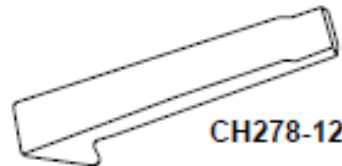
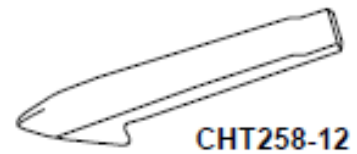
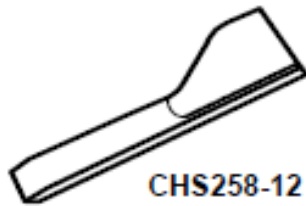
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### RIPPER POINT INSERTS

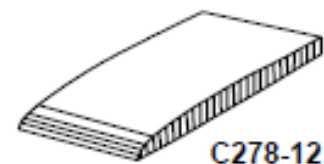
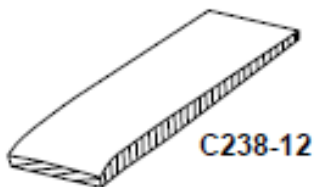
PART #	DESCRIPTION	APP.	WEIGHT
CH238-07	2 3/8" x 7" FORMED INSERT FOR 2" SLAB	BIG ED	2.25 LBS
CH278-12	2 7/8" x 12" FORMED INSERT FOR 2 1/2" SLAB	JOHN DEERE	5.75 LBS
CH338-12	3 3/8" x 12" FORMED INSERT FOR 3 1/2" SLAB	ALLIS CHALMERS	5.38 LBS
CH438-12	4 3/8" x 12" FORMED INSERT FOR 4 1/2" SLAB	ALLIS CHALMERS	9.50 LBS
CHB238-12	2 3/8" x 12" HEAVY DUTY CHROME SLAB	VARIOUS	4.50 LBS
CHS258-12	2 5/8" x 12" PENETRATOR W/SHARK FIN	JOHN DEERE	5.80 LBS
CHT258-12	2 5/8" x 12" PENETRATOR FORMED INSERT	VARIOUS	5.75 LBS

THERE ARE MANY APPLICATIONS FOR EACH SIZE INSERT, WHICH ARE NOT LISTED HERE. THOSE LISTED ARE TYPICAL APPLICATIONS ONLY.



### FLAT SLAB INSERTS

PART #	DESCRIPTION	APP.	WEIGHT
C134-06	1 3/4" x 6" BEVELED INSERT	BIG OX	0.98 LBS
C238-03	2 3/8" x 3" FLAT BEVELED INSERT	VARIOUS	0.94 LBS
C238-04	2 3/8" x 4" FLAT BEVELED INSERT	VARIOUS	0.94 LBS
C238-12	2 3/8" x 12" FLAT BEVELED INSERT	VARIOUS	3.00 LBS
C278-04	2 7/8" x 4" FLAT BEVELED INSERT	VARIOUS	1.20 LBS
C278-12	2 7/8" x 12" FLAT BEVELED INSERT	AC342C	3.31 LBS
C338-12	3 3/8" x 12" FLAT BEVELED INSERT	AC403702C	3.44 LBS
C438-12	4 3/8" x 12" FLAT BEVELED INSERT	VARIOUS	5.88 LBS





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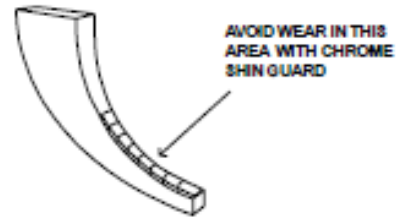
### SHIN GUARD INSERTS

PART #	DESCRIPTION	APP.	WEIGHT
CSG138	1 3/8" x 14" SHIN GUARD INSERT	1" RIPPER SHIN	2.00 LBS
CSG150	1 1/2" x 14" SHIN GUARD INSERT	1 1/2" RIPPER SHIN	2.50 LBS
CSG178	1 7/8" x 14" SHIN GUARD INSERT	1 3/4" RIPPER SHIN	2.98 LBS
CSG238	2 3/8" x 14" SHIN GUARD INSERT	2" RIPPER SHIN	4.60 LBS

SHIN GUARD MATERIAL IS CUT EVERY 2" SO THAT IT MAY BE EASILY APPLIED TO THE CURVED SURFACE OF MOST SHANKS AND/OR SHINS. SHIN GUARD INSERTS HAVE MANY OTHER APPLICATIONS.



CSG150

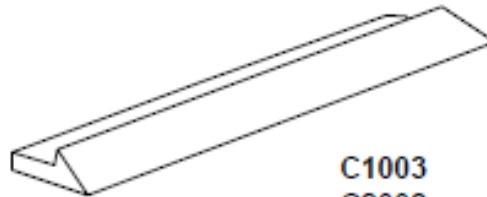


### EDGING INSERTS

PART #	DESCRIPTION	APP.	WEIGHT
C1003	1 1/16" x 14" LIGHT DUTY CHROME EDGING	VARIOUS	.82 LBS
C1003M	14" WEAR STRIP SERRATED INTO 2" SECTIONS	VARIOUS	.46 LBS
C1030	V STYLE SHIN GUARD	SUNDANCE	3.50 LBS
C2003	1 3/4" x 14" HEAVY DUTY CHROME EDGING	DIGGER BLADES	2.54 LBS
C3003	HEAVY DUTY BUTT STYLE EDGING	DIGGER BLADES	1.56 LBS



C1030



C1003  
C2003

### INJECTOR KNIFE INSERTS

PART #	DESCRIPTION	APP.	WEIGHT
C13	BACK SWEEP INJECTOR KNIFE INSERT	KCN130T	1.38 LBS
C20	FRONT SWEEP INJECTOR KNIFE INSERT	KCN140	1.20 LBS
CJD20	EAGLE BEAK CHROME POINT	SC-N30	0.64 LBS
CJD21	EAGLE BEAK POINT FOR 1/2" TIP NEW STYLE	SC-N34ST	0.85 LBS



C20



C13



CJD20



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### TILLAGE POINT INSERTS

PART #	DESCRIPTION	APP.	WEIGHT
C1001	2" CHROME CAP OVER POINT	FIELD CULT. PNT.	0.28 LBS
C1002	2" CHROME UNDER SLUNG POINT	FIELD CULT. PNT.	0.24 LBS
C1004L	CHROME PLOWSHARE POINT L.H.	PLOWSHARES	0.52 LBS
C1004R	CHROME PLOWSHARE POINT R.H.	PLOWSHARES	0.52 LBS
C1005	2" CHROME CAP OVER POINT	CHISEL PLOW PNT.	0.66 LBS
C1006	3" CHROME CAP OVER POINT	TWISTED SHOVELS	1.08 LBS
C1007	2" CHROME UNDER SLUNG POINT	CHISEL PLOW PNT.	0.66 LBS
C101	CHROME TIP FOR WYOMING SHOVELS	WS-8	0.36 LBS
C1010	5" CHROME CAP OVER POINT	LISTER POINTS	2.08 LBS



### MISCELLANEOUS CHROME

PART #	DESCRIPTION	APP.	WEIGHT
C1805R	REPLACEMENT SLASHER POINT R.H.	VARIOUS	3.21 LBS
C1806L	REPLACEMENT SLASHER POINT L.H.	VARIOUS	3.21 LBS
CD-830	ACCRA PLANT LG SPIROL PIN-ON	VARIOUS	2.09 LBS
CD026-1	REVERSIBLE PNT 2" x 10" W/2 - 7/16" HOLES	CULT. POINT	2.59 LBS
CDNC-023	WELD ON FOOT FOR KNIVES 4"	VARIOUS	0.82 LBS
CDNC-033	CHROME SHIN GUARD 1 1/4" x 9"	VARIOUS	0.84 LBS
CDNC104	CHROME SWEEP INSERT	CULT. SWEEPS	0.82 LBS
CDNC115	4" CHROME CAP OVER POINT	CULT. POINTS	1.81 LBS
CDNC116	CHROME SMALL SWEEP TIP	CULT. SWEEPS	0.82 LBS
CKV-1L	PLOWSHARE POINT FOR KEVERLAND L.H.	PLOWSHARE	3.00 LBS
CKV-1R	PLOWSHARE POINT FOR KEVERLAND R.H.	PLOWSHARE	3.00 LBS

