

VERTICAL TILLAGE BLADES

- *THESE BLADES ARE MADE WITH BORON STEEL FOR LONGER LIFE!
- *SELF SHARPENING.
- *MANY OF THESE BLADES ARE THE OEM REPLACEMENT.
- *THESE BLADES ARE DESIGNED TO CORRECT THE "BLUNTING" PROBLEM!

APPLICATION	DIAMETER	PRICE
HORSH "JOKER" O.E.M.	20"X 1/4" (5 HOLE)	\$50.95 SALE
MCFARLANE (OEM.)	20""X1.5"X 9/16 CONCAVITY	\$55.50 SALE
CASE IH 330 *EXCELLENT CHOPPER (SAMURAI GT)	20""X1.5"X 1.25" CONCAVITY	\$60.00 SALE
CASE IH 330 *EXCELLENT CHOPPER (SAMURAI)	20""X1.5"X 1.25" CONCAVITY	\$49.50 SALE
SOIL REBEL	20"X1.5" RND. X 2" CONCAVITY	\$52.50 SALE
CASE IH 330 *EXCELLENT CHOPPER (SOIL RAZOR)	20" X 6 GA.	\$55 .50 SALE
SEVERAL	20" X 25 WAVE (1-1/8"X 1 1/4" SQ.)	\$41.50 SALE
LANDOLL VT+ 7400	22"X6MM.X1 3/4" ROUND HOLE SHALLOW	\$51.95 SALE

VORTEX REPLACEMENT BLADES

SIZE	PART #	APPLICATION	PRICE
20"X1/4"X 11/8"-11/4"	VT201814	DISC CONVERSION	\$55.50 "SALE"
20"X1/4" (4 HOLE)	VT20MLOL	SALFORD	\$55.50 "SALE"
20"X6MM.X1.5"HOLE	VTC2015RFC-RH	CASE IH 330	\$50.00 "SALE"
20"X6MM.X1.5"HOLE	VTC2015LFC-LH	CASE IH 330	\$50.00 "SALE"
20"X1/4"X 1 3/4" RND.	VT20134R	GREAT PLAINS TT	\$55.50 "SALE"
22"X1/4"X 1 3/4" RND.	VT22134R	GREAT PLAINS TT	\$65.50 "SALE"
22"X1/4"X 1 1/2" RND.	VTC221814LH/RH	CASE IH 330	\$65.50 "SALE"

*SELF SHARPENING!

*CASE 330 BLADES ARE DESIGNED LIKE OEM!



VORTEX
COULTERS®



BELLOTA



STOP BY AND SEE OUR WIDE SELECTION OF VERTICAL TILLAGE BLADES!
PRICES SUBJECT TO CHANGE WITHOUT NOTICE!

ULTRAWING® SWEEP

- Retain Their Width!
- Full parallel wing edges
- Keep Their Noses Pointed!
- Curved Wing Surface For Strength!
- Curved leading edge for good sweeping action!



BOLT-ON *ULTRAWING* CULTIVATOR SWEEPS



PART #	SIZE	ANGLE	PRICE EA.
TFC 47UW7B7	7 X 1/4"	47°	\$ 7.50 SALE
TFC 47UW8B7	8 X 1/4"	47°	\$ 7.75 SALE
TFC 47UW9B7	9 X 1/4"	47°	\$ 8.00 SALE
TFC 47UW10B7	10 X 1/4"	47°	\$ 8.75 SALE
FC 52UW8B7	8 X 1/4" (AC)	52°	\$ 7.75 SALE
TFC 52UW9B7	9 X 1/4" (AC)	52°	\$ 8.25 SALE
TFC 43UW7B7	7 X 1/4" (JD)	43°	\$ 8.25 SALE
TFC 43UW9B7	9X 1/4" (JD)	43°	\$ 8.75 SALE



DRIVE-ON *ULTRAWING* CULTIVATOR SWEEPS

MODEL #	SIZE	PRICE EA.
TFC UWQC7B	7" X 1/4"	\$ 7.50 SALE
TFC UWQC8B	8" X 1/4"	\$ 7.75 SALE
TFC UWQC9B	9" X 1/4"	\$ 8.00 SALE
TFC UWQC10B	10" X 1/4"	\$ 8.75 SALE
TFC Q3341	43° KNOCK ON BRACKET	\$ 1.50 SALE
TFC Q2747	47° KNOCK ON BRACKET	\$ 1.50 SALE
TFC Q12747	47° KNOCK ON BRACKET	\$ 1.50 SALE



POLY SHANK PROTECTORS

CWP14134P

- Exclusive wrap around design wider in wide areas
- Universal Hole Punch-Fits all field cultivators
- U.H.M.W. Poly sheds weeds, trash, protects valuable cultivator shanks
- Made of **WHITE VIRGIN MATERIAL**

\$1.70 EA.

\$1.60 EA. FOR 20+



PLOW BOLTS

3/8" X 1 1/2" SP (25 CT.).....	\$ 10.00
3/8" X 1 3/4" SP (25CT.).....	\$ 12.50
7/16" X 1 1/4" (25CT.).....	\$ 10.75
7/16" X 1 1/2" (25CT.).....	\$ 11.50
7/16" X 1 1/4" (50CT.).....	\$ 19.95
7/16" X 1 1/2" (50CT.).....	\$ 20.50

"Clearance" Cultivator Shovels 5/16" Thick

MW47516-7 7" (Limited Qty)--- \$ 5.00 SALE

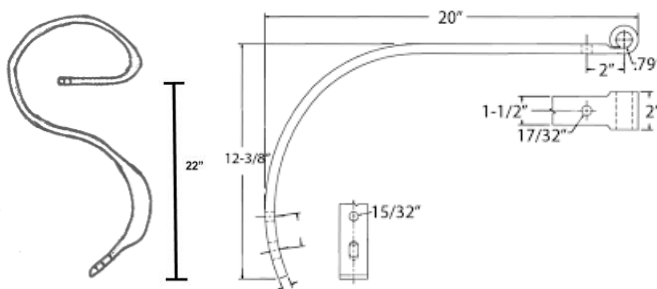
MW47516-8 8" (Limited Qty)--- \$ 5.50 SALE

WCC9B714 9" (Limited Qty)---- \$ 5.00 SALE

CALL FOR CURRENT AVAILABILITY!

FIELD CULTIVATOR REPLACEMENT SHANKS

PART #	DESCRIPTION	PRICE
HSP55E0	Low Draft FC Shank	\$ 59.50
BRS5217B	IH VIBRA SHANK	\$ 37.50
CF212	2 1/2" Square Clamp	\$ 6.95
CF33	3" Square Clamp	\$ 8.95



HARROW SPIKES

560247 3/4" X 11" Square \$ 3.45



U-BOLT W/ NUTS

**\$.95 EA.**

BLADES - SHALLOW CONCAVITY

To Fit Krause, Sunflower, Kent & Landoll Soil Finishing Tools

2006112RSH	20" x 6 ga x 1 1/2" Round Blade	\$ 39.95 SALE
2006134RSH	20" x 6 ga x 1 3/4" Round Blade	\$ 39.95 SALE
2014134RSH	20" X 1/4" X 1 3/4" Round Blade	\$ 46.75 SALE



BEARINGS FOR SHALLOW CONCAVITY FINISHERS

PART #	SHAFT SIZE	TO FIT	PRICE
ST 491B	1 1/2" Round	Sunflower, Krause, Kent, Landoll, Glenco	\$ 29.95
ST 491A	1 3/4" Round	C-IH	\$ 25.50
P1927110 ("With Rubber Cover)	1 1/2" Round	Krause	\$ 46.00



Rubber Cover Style



Flangette Style

DISC BLADES



ITEM	SIZE	PRICE
TDB1611781S	16" X 11 ga x 7/8" x 1"sq	\$ 16.50
TDB16111118S	16" X 11 ga x 1" x 1 1/8"sq	\$ 16.50
TDB16091118S	16" X 9 ga x 1 1/8"sq	\$ 17.95
TDB18091814S	18" X 9 ga X 1 1/8" x 1 1/4 sq	\$ 23.30
TDB18071814S	18" X 7 ga X 1 1/8" x 1 1/4" sq	\$ 28.50
TDB20071814S	20" X 7 ga X 1 1/8" x 1 1/4" sq	\$ 33.95
TDB2007112RS	20" X 3/16" X 1 1/2" Round	\$ 34.95
TDB20316S	20" X 3/16" X 1 1/8" x 1 1/4" sq	\$ 34.95
TDB22061814S	22" X 7 ga x 1 1/8" x 1 1/4" sq	\$ 39.85
TDB2214134RS	22" X 1/4" X 1 3/4" round Sunflower	\$ 49.95

***ALL BLADES ARE MADE OF BORON STEEL, WHICH ALLOWS US TO WARRANTY THEM DOWN TO ONE INCH FROM THEIR ORIGINAL SIZE.**

BLADES - TO FIT M & W EARTHMASTER

TDB2214125S	22" X 1/4" X 1 1/2" square	\$ 49.75 SALE
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BLADES - DEEP CONED TO FIT JD

TDBD20071814C	20" X 3/16" X 1 1/8" or 1 1/4" sq	\$ 40.50
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Deep
Coned

BLADES - FLAT CENTER TO FIT C/IH

WF 1808 1118S	18" x 9 ga x 1 x 1 1/8"	\$ 28.50 SALE
WF 20316 1118S	20" x 3/16" x 1 1/8" x 1 1/4" (THICKER THAN 7 GAUGE)	\$ 34.95 SALE
WF 2006 112RS	20" x 6 ga x 1 1/2" round	\$ 35.95 SALE
WF 22X14 112RS	22" x 1/4" x 1 1/2" round	\$ 53.50 SALE



Flat Center

We have Disc Spools, Arbors, Scrapers, etc. Available! See Page 13 and 14.

BLADES - TO FIT DMI, C-IH, NH RIPPERS

P20197DMIS	20" X 1/4" thick 5 hole Pattern	\$ 46.50 SALE
P2214DMIS	22" X 1/4" thick 5 Hole Pattern	\$ 53.50 SALE

DISC BEARINGS

BGW208PPB5	Greaseable 1 1/8" Square Shaft, Oliver, etc.	\$ 23.50
BW208PPB5	Sealed 1 1/8" Square Shaft, Oliver, etc	\$ 23.50
BGW208PPB8	Greaseable 1 1/8" Square Shaft, White, etc	\$ 23.50
BW208PPB8	Sealed 1 1/8" Square Shaft, White, etc	\$ 23.50
BGW209PPB11	Greaseable 1 1/8" Square Shaft, JD	\$ 19.95
ST491A-USA	Greaseable C/IH Disc-Fits 1 1/8" Shaft-USA	\$ 40.95
ST491A	Greaseable C/IH Disc-Fits 1 1/8" Shaft	\$ 25.50
ST491B-USA	Greaseable Kent, Krause-1 1/2" Round USA	\$ 46.50
ST491B	Greaseable Kent, Krause-1 1/2" Round Shaft	\$ 29.95
DS209TTR6P	Greaseable Krause 1 1/2 Round Shaft (Rubber Cover)	\$ 46.00



OTHER BEARINGS ARE AVAILABLE!

BEARING KITS FOR JD/GREAT PLAINS

PART #	HOLE SIZE	TO FIT MODEL	PRICE
ST209134JD	1 3/4 Round	210, 215, 220, 230, 235, 630 & 722 Finisher, G/PL Turbo Till With Standard Gang	\$ 35.95
ST211231JD	2 3/16 Round	315, 335, 510, 635, 640, 650 & 670. Also 512 Ripper	\$ 49.95
C28474		Cast Bearing Guard-Fits Round Flange Sets	\$ 7.95



DISC ARBOR BOLTS

To Fit JD 1 1/8" Square Shafts

Order #	Partial OEM #'s	Length	Price
A4175	Replaces JD # A20132	41.75"	\$ 58.50
A5075	Replaces JD # A20133	50.75"	\$ 65.50
A5970	Replaces JD # A20134	59.70"	\$ 74.00
A6870	Replaces JD # A20615	68.70"	\$ 77.00
A7770	Replaces JD # A20616	77.70"	\$ 86.00
A8700	Replaces JD # A20617	87.00"	\$ 93.00
A9570	Replaces JD # A40826	95.70"	\$ 102.00
A10475	Replaces JD # A40827	104.75"	\$ 122.00



These disc arbors are also used on White, Kewanee and other disc harrows with 1 1/8" square shafts.

JD DISC SCRAPER

PART #	DESCRIPTION	PRICE
20006	Scraper Blade Replacement. Fits Models # 110, 111, 115, 210, 220, 230	\$ 6.75
38364	Scraper Blade Replacement. Fits Models # 215, 235, 627, 630, 635, 637, 722 Mulch Finisher	\$ 5.90
22389	SPRING TO FIT Fits Models # 215, 235, 627, 630, 635, 637, 722 Mulch Finisher	\$ 4.75



JD230



JD630

DISC HARROW PARTS TO FIT JD

#P20647-Replaces # A20647 -Sleeve, 6-11/16" -Fits Models with 7-1/4" Spacing \$ 6.25	#P20648-Replaces # A20648 -Sleeve, 8-1/2" -Fits Models with 9" Spacing \$ 6.95	#P25694-Replaces # A25694 -Bumper Washer \$ 8.50
#P241315-Replaces # A20621-N241315 -1 7/8" Spool \$ 13.50	#P241318-Replaces # A20622-N241318 -3.8" Spool \$ 17.50	#P241314-Replaces # A37023-N241314 -5 1/2" Spool \$ 18.95
#P183629-Replaces # AN183629 -Double Spool -Fits Models with 9" Spacing \$ 29.90	#P183748-Replaces # AN183748 -Double Spool -Fits Models with 7 1/4" Spacing \$ 28.95	#P34102 -Slack Washer for 1 1/8" Square Axle -1/4" Thick \$ 4.95

Prices are subject to change without notice.

DISC ARBOR BOLTS

To Fit C-IH 1 1/8" Square Shafts

Order #	Partial OEM #'s	Length	Price
A4025	Replaces C-IH # 468607R1	40.25"	\$ 59.50
A4900	Replaces C-IH # 471014R1	49.00"	\$ 63.00
A5760	Replaces C-IH # 471015R1	57.60"	\$ 71.00
A6740	Replaces C-IH # 652939R2	67.40"	\$ 77.00
A7190	Replaces C-IH # 472586R2	71.90"	\$ 79.00
A7640	Replaces C-IH # 468582R2	76.40"	\$ 84.00
A7940	Replaces C-IH # 468583R2	79.40"	\$ 87.00
A8550	Replaces C-IH # 481844R1	85.50"	\$ 91.00
A9460	Replaces C-IH # 487168R1	94.60"	\$ 105.00
A10340 *	Replaces C-IH # 58829C1	103.4"	\$ 116.00
A11270 *	Replaces C-IH # 546831R1	112.5"	\$ 122.00
A12180 *	Replaces C-IH # 57000C1	121.5"	\$ 125.00



These disc arbors can also be used on White, Kewanee and other disc harrows with 1 1/8" square shafts.

DISC HARROW PARTS TO FIT C-IH

#P652383-Replaces # 652383R1 -5 1/16" Sleeve for models with 7 1/2" spacing \$ 4.50	#P472594-Replaces # 472594R1 -6 1/16" Sleeve for models with 9" spacing \$ 5.90	#P652412-Replaces # 652412R1 -7 1/4" Sleeve for models with 7 1/2" spacing \$ 6.95
#P112410-Replaces # 112410C1 -8 3/4" Sleeve for models with 9" Spacing \$ 7.20	#P468584-Replaces # 468584R2 -Bumper Washer for models with 1 1/8" Square Axle \$ 21.50	#P481611-Replaces # 481611R1 -End Washer for models with 1 1/8" Square Axle \$ 7.50
#P4167-Replaces # PA4167 -End Washer for models with 1 1/8" Square Axle \$ 8.50	#P472592-Replaces # 472592R3 -1 5/8" long Square Hole Spool for models with 7 1/2" spacing \$ 11.50	#P472593-Replaces # 472593R3 -3" long Square Hole Spool for models with 9" spacing \$ 12.95
P472591-Replaces # 472591R3 -4" long Square Hole Spool for models with 7 1/2" & 9" spacing \$ 13.75	P101189-Replaces # 101189C1 -1 5/8" long Round Hole Spool for models with 7 1/2" spacing \$ 9.95	P101190-Replaces # 101190C1 -3" long Round Hole Spool for models with 9" spacing \$ 11.25
P101191-Replaces # 101191C1 -4" long Round Hole Spool for models with 7 1/2" & 9" spacing \$ 12.25	P481416-Replaces # 481416R1 -7 1/2" Square Hole Spool for models with 7 1/2" spacing \$ 24.95	P481417-Replaces # 481417R1 -9" Square Hole Spool for models with 9" spacing \$ 25.50



VORTEX WAVEY COULTERS



Part #	Replaces#	To Fit	Size	HOLE #	Price
VT16DKDMW	820-202C	JD 1700/ EARLY JD-KINZE	16"	5&6 DUAL	\$ 33.95 SALE
VT16MLOL	OEM	YETTER/GP/WHITE/KINZE	16"	4 DUAL	\$ 33.95 SALE
VT17MLOL	820-215C	GREAT PLAINS/YETTER/WHITE	17"	4 DUAL	\$ 42.50 SALE
VT20MLOL	OEM	YETTER/GP/SALFORD/WHITE/DMI	20"	4 DUAL	\$ 55.50 SALE
VT22MLOL	OEM	YETTER/GP/SALFORD/WHITE/DMI	22"	4 DUAL	\$ 65.50 SALE



VORTEX COULTERS

The latest advancement in coulters blade technology! This blade is an excellent choice when being used on a planter ahead of a spiked closing wheel, or when additional stirring is needed. An excellent replacement for a "Turbo" type coulters.

These blades have been a **proven** improvement on the Great Plains vertical tillage tool straight or angled units, **angling of the gang is not necessary**. The stirring action causes dirt to move without scraping the ground forming a horizontal tillage layer. Thousands of acres prove this blade to be a very **intelligent investment!**



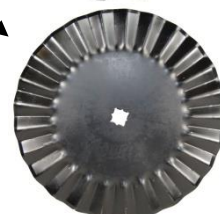
SIZE	PART #	APPLICATION	PRICE
20"X1/4"X 11/8"-11/4"	VT201814	DISC CONVERSION	\$55.50 "SALE"
20"X1/4" (4 HOLE)	VT20MLOL	SALFORD	\$55.50 "SALE"
20"X6MM.X1.5"HOLE	VTC2015RFC-RH	CASE IH 330	\$50.00 "SALE"
20"X6MM.X1.5"HOLE	VTC2015LFC-LH	CASE IH 330	\$50.00 "SALE"
20"X1/4"X 1 3/4" RND.	VT20134R	GREAT PLAINS TT	\$55.50 "SALE"
22"X1/4"X 1 3/4" RND.	VT22134R	GREAT PLAINS TT	\$65.50 "SALE"
22"X1/4"X 1 1/2" RND.	VTC221814LH/RH	CASE IH 330	\$65.50 "SALE"

***SELF SHARPENING!**

VERTICAL TILLAGE BLADES

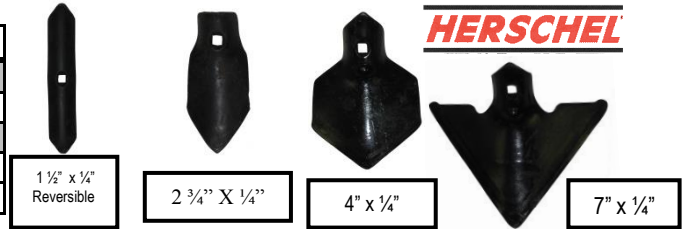
APPLICATION	DIAMETER	PRICE
HORSH "JOKER" O.E.M.	20"X 1/4" (5 HOLE)	\$50.95 SALE
MC FARLANE (OEM.)	20"X1.5"X 9/16 CONCAVITY	\$55.50 SALE
CASE IH 330 *EXCELLENT CHOPPER (SAMURAI GT)	20"X1.5"X 1.25" CONCAVITY	\$60.00 SALE
CASE IH 330 *EXCELLENT CHOPPER (SOIL RAZOR)	20" X 6 GA.	\$55.50 SALE
SEVERAL	20" X 25 WAVE (1-1/8"X 1 1/4" SQ.)	\$41.50 SALE
LANDOLL VT+ 7400	22"X6MM.X1 3/4" ROUND HOLE SHALLOW	\$51.95 SALE

PRICES SUBJECT TO CHANGE WITHOUT NOTICE!



"S" TINE SWEEPS FOR DANISH CULTIVATORS

Part #	Description	Price
TDS 769 38	1/4" reversible	\$ 3.25
TDS 983 38	2 3/4" x 1/4"	\$ 3.75
TDS 984 38	4" x 1/4"	\$ 4.25
TDS 985 38	7" x 1/4"	\$ 4.95
Danish Bolt	3/8" x 1 1/2" w/flange nut-25 pc	\$ 13.95



ROW SWEEPS

Part #	Description	Price
1408	8" Row Sweep	\$ 8.95
1410	10" Row Sweep	\$10.25
1412	12" Row Sweep	\$11.50

NICHOLS
Tillage Tools



"S" TINE FOR DANISH CULTIVATOR

Part #	Description	Price
TST H6653B	14 1/2" x 3/8" (for 2" frame)	\$ 14.95
TST HU6742B	17 1/4" x 7/16"	\$ 31.50
TST H6668B	18 1/2" x 1/2" (Duty-High Clearance Tine)	\$ 31.50
TST 6021 847 00	2" Clamp	\$ 5.50
TST 6021 993 00	2 1/2" Clamp	\$ 6.50
TST 6021 681 00	3" Clamp	\$ 7.95
4 x 12 Tire	4 x 12 Cultivator Tire	\$ 13.50



NH3 / SIDE DRESSER KNIVES

PART #	APPLICATION	PRICE
KCO50-38-3/8"	Fast / Blue Jet / Universal	\$19.50 SALE
KCO50-12-1/2"	Fast / Blue Jet / Universal	\$20.95 SALE
KA50MIN-38-3/8"	Mini Mole Side Dress Nh3	\$31.95
KA50MIN-12-1/2"	Mini Mole Side Dress Nh3	\$35.50
KA50MIN-38-12	Mini Mole Double Tube 3/8" & 1/2"	\$39.95
KA50MIN-38-34	Mini Mole Double Tube 3/8" & 3/4"	\$49.95
KA50NPCI4-38	Thin Nh3 W/ 3/8" Tube	\$35.95 SALE
KA50NPCI4-S	Thin Nh3 W/ 3/8" Tube & Sealer Tail	\$39.75 SALE
N5CPTP8S (CHROME INSERT)	Fast / Blue Jet / Universal	\$36.50 SALE
D5CPTP8S	Dmi Side Dresser (W/ Stainless Tube)	\$36.50 SALE
2996-200	Yetter 20" Knife	\$52.00 SALE
A50H-38-3/8"	Mole Knife Nh3	\$37.50 SALE
A50H1818-38-38-3/8"	Mole Knife Double 3/8" Tube	\$52.50 SALE
A50H1812-3/8"-1/2"	Mole Knife Double 3/8" & 1/2"	\$54.50 SALE

SIDE DRESS COULTERS

DIAMETER	DESCRIPTION	PRICE
17"	Fluted Coulters, 3/8" Wide	\$ 32.50
17"	25 Wave Coulters, 5/8" Wide	\$ 35.95
20"	SMOOTH 4 HOLE	\$ 42.50
20"	Fluted Coulters, 3/8" Wide	\$ 35.50 SALE
20"	25 Wave Coulters, 5/8" Wide	\$ 44.95 SALE



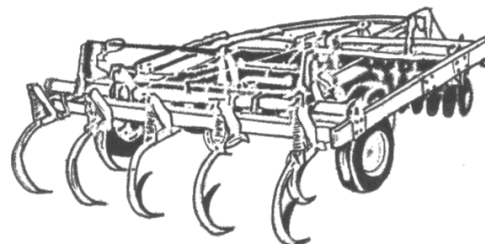
TWISTED CHISELS

FOR USE ON COULTER CHISEL PLOWS:

PART #	SIZE	PRICE EA.
TCP SL123L	3"	\$ 17.95
TCP SL123R	3"	\$ 17.95
TCP SL123L Hard Faced	3"	\$ 30.95
TCP SL123R Hard Faced	3"	\$ 30.95
TCP SL124L	4"	\$ 20.95
TCP SL124R	4"	\$ 20.95
TCP SL124L Hard Faced	4"	\$ 37.50 SALE
TCP SL124R Hard Faced	4"	\$ 37.50 SALE
SSPHF POINT (FOR 2 PC.)	4"	\$ 23.50

(Slash Points)

 **NICHOLS**
Tillage Tools



Hard-Facing Can Double The Service Life!

REVERSIBLE CUPPED CHISELS



 **NICHOLS**
Tillage Tools

PART #	DESCRIPTION	PRICE EA.
TCP 498CL	3" Cupped Left	\$ 25.75
TCP 498CR	3" Cupped Right	\$ 25.75
TCP 598CL	4" Cupped Left	\$ 31.50
TCP 598CR	4" Cupped Right	\$ 31.50

TWISTED CHISELS "V" POINT

3" X 1/2" Thick x 23" Long

 **NICHOLS**
Tillage Tools

PART #	PRICE
TCP R123R	\$ 16.95
TCP R123L	\$ 16.95



Longest Chisels On The Market!

CHISEL SPIKES

*The H-22 (8 lbs) and H-23 (13 lbs) spikes are the heaviest and longest wearing chisels on the market. They are designed with extra material at the point, where breakage and wear occur.

***USE GRADE 5 OR GRADE 8 BOLTS**
(1/2"x 2 1/2" long)

PART #	WEIGHT	PRICE EA.
TCP H22-5	8 lbs.	\$ 24.95
TCP H23-5	13 lbs.	\$ 29.95
RPM13CPW	11 lbs. w/wings	\$ 49.95



TCP H23-5

 **NICHOLS**
Tillage Tools

THIS IS ONE OF THE TOUGHEST MOST DURABLE SPIKES MADE TODAY!

CHISEL PLOW BLADES

PART #	DESCRIPTION		TO FIT:	PRICE EA.
TCP P18077E112G	18" X 7 gauge	1 1/2" rd	Glenco, Krause, DMI, C-IH	\$ 36.50
TCP P20197G5	20" X 6 gauge	1 1/2" rd	Glenco, Krause, DMI, C-IH	\$ 40.95
TCP P2014	20" X 1/4"	1 1/2" rd	Glenco, Krause, DMI, C-IH	\$ 47.95
TCP P20197B5	20" 5.0mm	1 1/2" sq	Brillion	\$ 39.95
TCP P20197AI	20" 6 gauge	1 1/8 x 1 1/4 sq	JD, AC, & Old Style IHC	\$ 39.95
TCP P20197SF	20" 5.0mm	1 3/4" round	Sunflower	\$ 39.95
TCP P2444500DMI	24" x 1/4"	Flat Coulter	DMI (4 Hole)	\$ 59.50



Specify Hole Size
When Ordering!

BEARINGS TO FIT DISC GANGS

PART#	DESCRIPTION	TO FIT	PRICE EA.
TCF BGW209PPB4	1 1/2" rd Shaft	Glenco, Krause, etc	\$ 23.95
GW209/PPB4	1 1/2" rd. Shaft	Glenco	\$ 44.50 USA
TCF BW211PPB3	1 1/2" sq Shaft	Brillion	\$ 27.50
TCF STA 491 B	Flangette Style	Stieger/Kent/Krause	\$ 29.50
DHU1-1/2R	1 1/2" rd. Shaft	Steiger/Kent/Krause	\$ 43.95 USA
ST491A	1 3/4" rd. Shaft	Case-IH	\$ 40.95 USA

Many Others
Are
In Stock!

STRIP TILL KNIVES / POINTS

PART #	DESCRIPTION	PRICE
A50SS00X	Wiese-Super Sealer Knife	\$ 38.95
RST-1104	Remlinger-Point-Chrome Cap	\$ 23.95
RST-1110	Remlinger-2.5" Wide Heat Treated	\$ 40.95 Sale

A50 SS



RIPPER BLADES – DMI/C-IH/NH

PART #	SIZE	PATTERN	PRICE EA.
18X10DMIE	18" X 10 GAUGE	4 HOLE (DMI) COVERING DISC	\$ 25.95
20X14DMIE	20" X 1/4" C	5 HOLE CONCAVE BLADE	\$ 48.75
2045PDMIF	20" X 3/16" C	4 HOLE FLAT BLADE (DMI INLINE RIPPER)	\$ 44.50
22X14DMIE	22" X 1/4" C	5 HOLE CONCAVE BLADE	\$ 56.50
2245PDMIF	22" X 1/4" C	4 HOLE DMI SMOOTH FLAT BLADE	\$ 53.50
24500DMIF	24" X 1/4" C	4 HOLE SMOOTH FLAT BLADE	\$ 59.50
B12114CN	1/2" X 1 1/4"	CARRIAGE BOLT AND NUT FOR CLOSING DISC	\$.85
B12201SAE	1/2" X 1" SAE	HUB BOLT FOR DMI BLADE APPLICATIONS	\$.70



RIPPER POINTS

***Ripper points with welded chrome caps
can last twice as long as hard surfaced points!**



NICHOLS
Tillage Tools



WINGLESS POINTS

TO FIT:	DESCRIPTION	PRICE EA.
TVR RPBR25 CP	Made to fit Brent, CPC – Chrome Cap	\$ 27.95
TVR RPBRL20 CP	Made to fit Brillion – Chrome Cap	\$ 28.95
TVR RPIH25 CP	Made to fit IHC- Chrome Cap	\$ 31.95
TVR RPD25 CP	Made to fit JD – Chrome Cap	\$ 27.50
TVR RPLA20 CP	Made to fit Landoll-Chrome Cap	\$ 28.50
TVR RPLA27HF	Landoll-Weatherproofer II w/shank guard	\$ 37.50
TVR RPMW25 CP	Made to fit M & W – Chrome cap	\$ 29.95
RM12HF	Made to fit M & W-Reversible Hard Faced Point	\$ 21.50
TVR PIN	M & W Ripper Point Pin (Knarled Surface)	\$ 6.95
TVR RPSU25 CP	Made to fit Sunflower – Chrome cap	\$ 27.50
TVR RPSU27HF	Sunflower, M&W (RIPPLE FACE)	\$29.95
RPBR 27HF	Made to fit Brent Ripple Point w/shank guard	\$ 37.50
H61910NS	NEW STYLE RAWSON/ UNVERFERTH W/ GUARD	\$ 39.50
TF 801300	BLUE JET SPRING POINT	\$ 81.50
TF 801600	BLUE JET SHIN GAURD	\$ 105.00
1/2" X 9"	BLUE JET CARRIAGE BOLT GRD. 5	\$ 4.95



NICHOLS
Tillage Tools

WINGED POINTS

MODEL	WING WIDTH	NICHOLS PRICE	WEISE PRICE
CNH/DMI 1 1/4"	NONE	\$ 42.75	\$ 57.50
CNH/DMI 1 1/4"	5"	\$ 83.50	N/A
CNH/DMI 1 1/4"	7"	\$ 86.50	\$ 86.95
CNH/DMI 1 1/2"	NONE	\$ 57.50	\$ 71.95
CNH/DMI 1 1/2"	10"	\$128.95	\$109.00
CNH / DMI INLINE	8"	\$113.00 SALE	N/A
CNH / DMI INLINE	SHANK	\$105.00 SALE	N/A
CNH/ DMI 870/875 TF87700394	GAURD	\$62.75 SALE	N/A
BRENT CPC	7"	\$105.00	N/A
SUNFLOWER/ M&W	7"	\$ 84.50	N/A
JD 512/520	10"	\$115.00 SALE	N/A
KRAUSE DOMINATOR	7"	\$ 86.50	\$ 86.95
DOMINATOR TF4850136	GAURD	N/A	\$ 67.95



2"

DMI
SHANK

DMI INLINE



5"



7"



10"



DMI COVERBOARDS

PART #	DESCRIPTION	PRICE
CE-4	4" x 5/16" Thick	\$ 18.95
CE-6	6" x 5/16" Thick	\$ 28.95
CE-8	8" x 5/16" Thick	\$ 31.95

THICKER
THAN
ORIGINAL!



CE-4



CE-6



CE-8

870
GAURD

PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE.

MOLD BOARD PLOW SHARES

PART #	TO FIT:	PRICE
LWO 18 5 w/OL bottom	CASE	\$ 30.95
LWD 14 4	JD	\$ 26.95
LWD 16 4	JD	\$ 28.50
LWD 18 5	JD	\$ 30.95
LWD 18 3 3-Bolt	JD 2000 SER. METRIC	\$ 34.50
LWI 14 4	IHC	\$ 26.50
LWI 16 4	IHC	\$ 27.50
LWI 18 4	IHC	\$ 29.50
LWMF 14 4	MF	\$ 27.95
LWMF 16 4	MF	\$ 28.95
LWMF 18 4	MF	\$ 30.95
LWO 14 4	Oliver, White	\$ 27.50
LWO 16 4	Oliver, White	\$ 28.50
LWO 18 5	Oliver, White	\$ 30.95



THE L-W SHARE FEATURES A HEAVIER
UPSET FORGED NOSE FOR LONGER
WEAR AND BREAKAGE RESISTANCE.

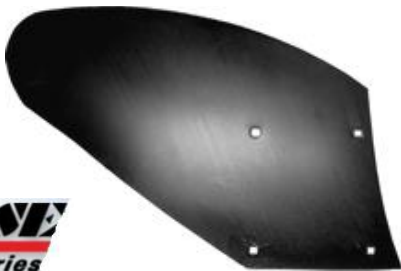
*ALL WIESE SHARES ARE SOLD
WITH BOLTS AND NUTS



All long wearing shares are guaranteed against breaking and bending as long as they measure 3 1/2" across the narrowest place, except AC and JD METRIC, which are warranted down to 4" across the narrowest place.

MOLDBOARDS

***SOLID HIGH CARBON STEEL**
***SOLD WITH BOLTS**



PART #	SIZE	TO FIT:	PRICE
PHS 314 SS	14"	JD HS Series	\$ 120.00
PHS 316 SS	16"	JD HS Series	\$ 123.00
PNU 1036 SS	16"	JD Nu Series	\$ 130.00
PNU 1048 SS	18"	JD NU Series	\$ 136.00
P32209 SS Metirc	18"	JD Metric 2600, 2700, 2800	\$ 155.00
P104412 SS	16"	Old Ford	\$ 126.00
P462314 SS		IHC High Speed	\$ 119.00
P660204 SS	16"	MF "n" Series	\$ 121.00
PR 619 14 SS	14"	Oliver, Raydex, White	\$ 118.00
PR 619 16 SS	16"	Oliver, Raydex, White	\$ 122.00
PR 619 18 SS	18"	Oliver, Raydex, White	\$ 127.00
P220746 SS	18"	Oliver & White High Clearance	\$ 143.00

TRASHBOARDS

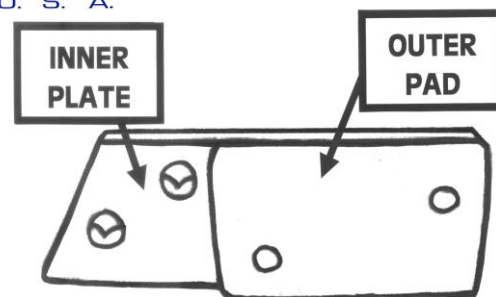
***Heat Treated Steel Includes Bolts!**

PART #	TO FIT	PRICE
PCB TBJD	John Deere	\$ 22.95
PCB TBIH	International	\$ 22.95
PCB TBUV	Oliver	\$ 22.95



LANDSIDES – (ALL SOLD WITH BOLTS)

PART #	DESCRIPTION	PRICE
P493W	JD Inner Plate	\$ 19.75
P262W	JD Outer Pad	\$ 14.25
P862W	JD Metric – 1 Piece	\$ 19.75
P980W	Ford Short – 1 Piece	\$ 21.75
P981W	Ford Long – 1 Piece	\$ 34.00
P59057	IHC Inner Plate	\$ 19.50
P058UV	IHC Outer Pad	\$ 10.25
P270W	Oliver & White Inner Plate – Old Style	\$ 34.50
P270WA	Oliver & White Inner Plate	\$ 35.50
P058UV	Oliver & White Outer Pad	\$ 10.25
P919W	Oliver & White Outer Pad (3/4" thick)	\$ 39.50
P379W	Oliver & White Inner Plate	\$ 33.95



MOLDBOARD SHINS – (ALL SOLD WITH BOLTS)

PART #	TO FIT	PRICE
PWC	Case	\$ 20.50
PWO 9	Case w/Oliver Bottom	\$ 20.50
PWD5 (HS314)	JD	\$ 20.50
PWD6 (HS316)	JD	\$ 20.50
PWD 29	JD Metric 26, 27, & 2800	\$ 20.95
PWD 3 NU	JD	\$ 20.50
PWF 3S	Ford	\$ 20.50
PWI 25	IHC	\$ 19.50
PWMFS	MF	\$ 21.50
PWO 9	Oliver & White	\$ 20.50
PWO 81	White (HD)	\$ 21.50



COULTER BLADES FOR PLOWS

PART #	SIZE	TO FIT	PRICE
20177AC	20"	AC	\$ 46.50
17157JD	17"	JD HS Series	\$ 37.50
20177JD	20"	JD NU Series	\$ 45.50
20177JDM	20"	JD Metric	\$ 45.50
22197JDM	22"	JD Metric	\$ 59.50
17157IH	17"	IHC (Oblong Hole)	\$ 34.50
20177IH	20"	IHC (Oblong Hole)	\$ 45.50
22197IHN	22"	IHC (Late Style)	\$ 59.50
20177MF	20"	MF	\$ 47.50
17157OL	17"	Oliver & White	\$ 32.50
20177OL	20"	Oliver & White	\$ 35.50 SALE
20177WR	20"	Wilrich	\$ 35.50
P20197OLD	20"	Oliver (Dish Coulter 4 Bolt)	\$ 49.75
12125FN	1/2"	CARRIAGE BOLT W/ NUT	\$.85 EA.



For Ripper and Chisel Plow Blades See Page 43!
CALL US FOR ALL YOUR PLOW AND TILLAGE NEEDS!
WE WILL BE HAPPY TO HELP!