



NO-TILL COULTER BLADES

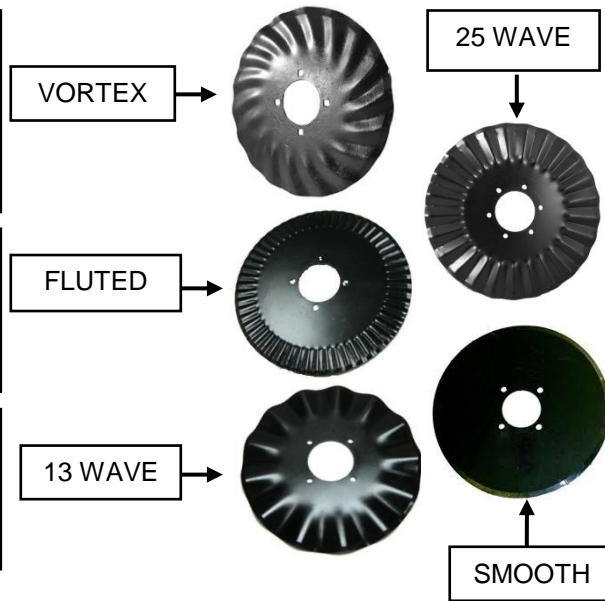


*All Blades Are Made With Boron Steel!

PART #	DIAMETER	WAVE	APPLICATION	PRICE
M25IHC	14.9"	25 WAVE	CASE IH PLANTER/ WHITE	\$ 27.50
TPP K15YWS	15"	13 WAVE	WHITE 5100/KINZE 4900	\$ 27.50
VT15DKDMW	15"	VORTEX	JD 5 HOLE / XP	\$ 29.00
VT15MLOL	15"	VORTEX	KZ 4900/ WHITE/ YETTER	\$ 29.00
TPP845-9254	15 3/4"	13 WAVE	YETTER / KINZE	\$ 25.95
M2516YW	16"	25 WAVE	YETTER/GP/KINZE	\$ 29.00
M2516KDMW	16" OEM	25 WAVE	ALL JD COULTERS	\$ 29.00
VT16DKDMWJDC	16"	VORTEX	JD 7000-1700	\$ 31.00
VT16MLOLC	16"	VORTEX	KINZE, YETTER, GP, WHITE	\$ 31.00
P16177MLOLC	16"	SMOOTH	KINZE/YETTER/WHITE	\$ 28.00
P16177DKDMWC	16"	SMOOTH	JD 5 HOLE/ OLD 7000	\$ 28.00
TPP W164001JDMC	16"	13 WAVE	JD 5 HOLE/ 7200 +	\$ 29.00
17157WFEC	17"	FLUTED	YETTER	\$ 30.00
VT17MLOLC	17"	VORTEX	YETTER/ GREAT PLAINS	\$ 40.00
TPP W174001DMI	17"	13 WAVE	TYE, MARLISS, DMI, BLUE JET	\$ 30.00
TPP W174001WFE	17"	13 WAVE	YETTER, GP, WHITE, CIH DRILL	\$ 32.00
N17177YMR	17"	KNOTCHED	YETTER/BLUE JET	\$ 30.00
M2517	17"	25 WAVE	BLUE JET, CIH, YETTER, GP	\$ 31.00
20450WPR	20"	SMOOTH	DMI, BLUE JET	\$ 40.00
20450WFE	20"	FLUTED	YETTER	\$ 29.95 SALE
20450DMI	20"	FLUTED	DMI, BLUE JET	\$ 28.95 SALE
VT20MLOL	20"	VORTEX	YETTER/ GREAT PLAINS	\$ 53.50 SALE
TA-20177MLOL *SPECIAL PURCHASE	20"	FLUTED	4 Hole Multi-Pattern	\$ 29.95 SALE

VORTEX

The latest advancement in coultter 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 coultter.



25 WAVE

The 25 Wave coultter works a 5/8" wide strip in front of a trailing knife or nozzle application. This coultter is less likely to pull "Chunks" out like a 13 wave in wet soil.

13 WAVE

The 13 Wave is the original coultter used by many O.E.M. manufactures. In most seeding conditions we feel this coultter has poor penetration and seed depth.

COULTER BEARING SETS



PART #	TO FIT:	PRICE
KB-7-ME	JD 7200-1700 No-Till/Fertilizer Opener(SET)	\$ 21.95
SAA 205-16	Kinze Double Arm Coultter (2 per Row)	\$ 9.95 Each
NT2901	Yetter No-Till/Fertilizer Coultter (SET)	\$ 21.95
B5206KPP3	Kinze 3000 Series-4 Bolt (1 per Row)	\$ 14.95
QC-633-1	DMI Hub Repair Kit	\$ 21.50



Other Bearings Available!

PLANTER / DRILL SEED DISC OPENERS



SIZE	THICKNESS	APPLICATION	BEARING TYPE	PRICE
13.5"	4.0 MM.	WHITE 5100/ GREAT PLAINS	205 HD OPENER METAL DUST CAP 5/8" BOLT LH	\$31.95 SALE \$ 1.75 \$ 3.95
13.5"	3.0 MM.	TYE/ CRUST BUSTER 3800	204 BEARING W/ BLADE	\$ 30.50 SALE
14"	3.5 MM.	CASE IH 800-1200	LEADING 204 W/ METAL DUST CAP	\$29.95 SALE
14"	3.5 MM.	CASE IH 800-1200	TRAILING 204 W/ METAL DUST CAP	\$29.95 SALE
14"	4.5 MM.	CASE IH 1250 (Update 955+)	LEADING DOUBLE ROW BEARING W/ METAL CAP	\$37.95 SALE
14"	4.5 MM.	CASE IH 1250 (Update 955+)	TRAILING DOUBLE ROW BEARING W/ METAL CAP	\$37.95 SALE
15"	3.5 MM.	KINZE 2000-3700	KOYO OEM 204 Bearing USA BLADE W/ DUST CAP TO FIT <u>KINZE</u>	\$21.95 SALE
15"	3.5 MM.	KINZE 2000-3700 WHITE	KOYO OEM 204 Bearing USA BLADE W/ STEEL DUST CAP	\$22.95 SALE
15"	3.5 MM.	JD 7000-1770/ WHITE 6000-8000	204 USA (Fafnir) Bearing W/ DUST CAP ALL USA COMPONENTS! PROVEN PERFORMANCE	\$28.50 SALE
15"	3.5 MM.	JD 1750-1790 "XP" ----- HD OPTION FOR KINZE 3000 SERIES	DOUBLE ROW BEARING W/CAP NICHOLS LARGER 205 BEARING, HUB AND RIVETS	\$30.00 SALE
16"	4 MM.	CRUST BUSTER 3400-4745	SMOOTH ----- KNOTCHED	\$22.50 SALE \$24.50 SALE

PLANTER MAINTENANCE TIPS:

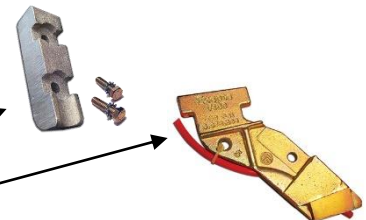
- *Check your seed tube guards between the opener discs for proper operating width. A John Deere or Kinze planter should have a guard width measurement of no less than 1/2" at the bottom, and 3/4" across the top.
- *15" seed openers should be replaced at an overall diameter of 14.5".
- *There should be no more than 1.5" of contact between the openers for conventionally tilled planting.
- *In No-till planting conditions you should have a contact measurement of no more than 1.25" of contact between openers.
- *Use an **equal amount** of shims on each side of the opener.

Valion™
seed tube guard

"VALION" SEED TUBE GUARDS



PART #	MODEL TO FIT	PRICE EA.
JDKZECA	KZ 2000/ JD 7000-1700 EARLY	\$ 38.75 SALE
KZ3000	KINZE 3000 SER.	\$ 25.75 SALE
JDXPCA	JD XP/ ME5	\$ 33.50 SALE
KZ4900TC	KINZE 4900	\$ 77.50 SALE



Valion™ seed tube guards from Exapta will eliminate seed tube wear and greatly reduce blade flex to create a properly shaped furrow and improved planting depth control. These guards are perfect for no-till or high-wear conditions, or anyone who is simply tired of replacing seed tube guards so often. The chrome Valions will outlast OEM guards by 2 to 4X, so that furrows are properly shaped and seeds placed at the correct depth continuously down the row, and all the way thru the planting season.

FERTILIZER BLADES / PARTS



Made With Boron Steel

BRAND	PART#	SIZE	DESCRIPTION	PRICE
JD 7000	14218	13.5"	13.5" FERT. BLADE W/OUT HUB	\$ 17.95 EA.
JD 7000	14218-A	13.5"	13.5" FERT. BLADE W/ HUB	\$ 39.75 EA.
JD 7200 & LATE 1700	K16197D	16X3/16"X 2 1/2" HOLE	7200 & LATE 1700 BLADE W/ 2.5" HOLE	\$ 32.50 EA.
JD EARLY 1700	K16197D17	16X3/16"X 3 3/16" HOLE	EARLY 1700 BLADE W/ 3 3/16" HOLE	\$ 33.50 EA.
JD 7200-1700	313-21-05	11 3/4"	FERT GAUGE WHEEL RIM	\$ 13.50 EA.
JD 7200-1700	204036H	3 X 13.25	FERT GAUGE WHEEL TIRE	\$ 21.95 EA.
JD 7200-1700	31321H5A	3 X 13.25	FERT GAUGE WHEEL TIRE ASSEMBLY	\$ 57.50 EA.
KINZE 2000 & EARLY 3000	N17K	17"	NOTCHED BLADE W/ 1 9/16" HOLE	\$ 30.95 EA.
KINZE 3000	N17K3	17"	NOTCHED BLADE W/ 2" HOLE	\$ 30.95 EA.
KINZE	K18197	18"	SMOOTH MODEL 2600+ X 1/4" 6 HOLE	\$ 44.50 EA.

JD SINGLE DISC FERTILIZER OPENER SHOE

PART #	OEM #	BAR MT. TYPE	DESCRIPTION	PRICE EA.
C52156	A52156	3X3,3X7,5X7	RH CAST SHOE FOR SN # <720100	\$ 39.95
C52157	A52157	3X3,3X7,5X7	LH CAST SHOE FOR SN # <72100	\$ 39.95
C82832	A82832	6X10, 7X7	RH CAST SHOE FOR SN # 720101>	\$ 44.95
C82833	A82833	6X10, 7X7	LH CAST SHOE FOR SN # 720101>	\$ 44.95

Liquid single disc fertilizer cast shoe.
 Used on John Deere single disc openers mounted to
 3" x 3", 3" x 7" or 5" x 7" fertilizer bars; also 6" x 10" or 7" x 7" bars.
 (M12 BOLTS ARE IN STOCK)
 APPLICATOR TUBE NOT INCLUDED.

Planter Parallel Arms

REPLACEMENT PARALLEL ARMS FOR JD PLANTERS

TO FIT JD 7200, 1750, 1760, 1770, 1780 AND 1790.

MADE TO ORIGINAL FACTORY SPECS!

LENGTH	PART #	DESCRIPTION	PRICE EACH
16"	P76223	UPPER SHORT PARALLEL ARM (2 PER ROW)	\$ 17.95 SALE
16"	P52092	LOWER SHORT PARALLEL ARM CASTING (1 PER ROW)	\$ 119.00 SALE
23"	P61571	UPPER LONG PARALLEL ARM (2 PER ROW)	\$ 27.50 SALE
23"	P65304	LOWER LONG PARALLEL ARM CASTING (1 PER ROW)	\$ 190.00 SALE
16"	KB-P1700S	SHORT ARM KIT UPPER AND LOWER W/ BUSHINGS (1 KIT PER ROW)	\$ 170.50 SALE
23"	KB-1700L	LONG ARM KIT UPPER AND LOWER W/ BUSHINGS (1 KIT PER ROW)	\$ 260.50 SALE

GRD 8 HARDWARE AVAILABLE!

REPLACEMENT PARALLEL ARMS FOR CASE IH

FITS 900, 955, 1200, 5400, AND 5500 SOYBEAN SPECIAL DRILLS.

LENGTH	PART #	OEM PART #	DESCRIPTION	PRICE EA.
15 7/8"	SMA436740	436740A1	UPPER ARM	\$ 30.50 SALE
15 7/8"	SMA436741	436741A1	LOWER ARM	\$ 74.50 SALE
.53IDX.87ODX.66W	SMA1254302	1254302C1	STD. BUSHING	\$ 3.30 SALE
.53IDX.87ODX.53W	SMA137512	137512C3	SPLIT ROW BUSHING	\$ 3.30 SALE

PRICES SUBJECT TO CHANGE WITHOUT NOTICE!

ROW UNIT PARTS

PART #	MAKE	MODEL	DESCRIPTION	PRICE EA
P61577	JD/KINZE	JD 7000/ 7200 EARLY 1700 KZ 2000-2600	SEED TUBE GAURD	\$ 8.95
P80203	JD	1750-1790 XP	SEED TUBE GAURD	\$ 8.95
P301TS	KZ	KINZE 3000 SERIES	WEDGE (TOOL STEEL)	\$ 9.95
P98182R	JD	1700 XP	SCRAPER RH	\$ 4.95
P98183L	JD	1700 XP	SCRAPER LH	\$ 4.95
26443R	JD/KZ	JD 7000/ KZ 2000-3600	SCRAPER BLADE RIGHT BLACK OR GREEN	\$ 3.95
26444L	JD/KZ	JD 7000/ KZ 2000-3600	SCRAPER BLADE LEFT BLACK OR GREEN	\$ 3.95
P37221-K	JD	JD 7200-1700	ROTARY SCRAPER KIT	\$ 17.95
P37221	SEVERAL	SEVERAL	ROTARY SCRAPER WHEEL	\$ 3.95
P62559-K	JD	JD 7200-1700	TUNGSTEN SCRAPER KIT	\$ 23.95
P23789	JD/KZ	JD 7000/ KZ 2000-3600	PARALLEL ARM BUSHING	\$ 1.40
P48515	JD	JD 7200-1700 9/16" THICK	UPPER ARM BUSHING	\$ 1.95
P49465	JD	JD 7200-1700 21/64" THICK	LOWER REAR ARM BUSHING	\$ 1.95
P52556	JD/KZ	JD 7000/ KZ 2000-2600	CAM BUSHING FOR CLOSING FRAME	\$ 2.50
P48430	JD	JD 7200	RH CAM BUSHING FOR CLOSING FRAME	\$ 4.95
P48290	JD	JD 7200	LH SMOOTH BUSHING FOR CLOSING FRAME	\$ 3.75
P239/P282	KZ	KZ 3000 SER.	INNER AND OUTER BUSHING SET PER SIDE	\$ 4.60
P55888	JD	JD 1700 SERIES	CLOSING FRAME BUSHING	\$ 5.95
P254	KZ	KZ 3000 SER.	T-HANDLE FOR CLOSING FRAME	\$ 9.95
P64237	JD	JD 7200-1700	T-HANDLE FOR CLOSING FRAME	\$ 9.95
P31217	JD/KZ	JD 7000/ KZ 2000-2300	CLOSING FRAME	\$ 36.95
P37552	JD	JD 7200	CLOSING FRAME	\$ 45.75
P86763	JD	JD 1700 SERIES	CAST CLOSING FRAME	\$ 47.50
P8322	KZ	KZ 2500-3600	CLOSING FRAME	\$ 35.50
P23116	JD/KZ	JD 7000 KZ 2000-2300	CLOSING SPRING	\$ 11.95
P74643	JD	JD 7200-1700	CLOSING SPRING	\$ 9.95
P33879	JD/KZ	JD 7000 KZ 2000-2300	CLOSING WHEEL STOP	\$ 22.95
P53118	JD	JD 7200 1700 (NON XP)	CLOSING WHEEL STOP	\$ 25.50
P55889	JD	JD 1700 XP SERIES	CLOSING WHEEL STOP	\$ 28.50
GA2068	JD/KZ	JD7000 KZ 2000-2300	DOWN PRESSURE SPRING	\$ 12.50
P28970	JD	JD 7200-1700 XP	DOWN PRESSURE SPRING PACK	\$ 159.00
AP 430000	JD	JD 7000	NOTCHED MARKER ASSEMBLY	\$ 79.50
AP 201113	JD	JD 7000	NOTCHED MARKER BLADE	\$ 26.50
AP 492K	JD	JD 7000	BEARING / HUB FOR MARKER ASSEMBLY	\$ 54.95
SM125MW	SEVERAL	-----	MARKER WEIGHT	\$ 33.00 SALE

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ROW UNIT PARTS



PART #	MAKE	MODEL	DESCRIPTION	PRICE ea.
P35951B	JD/KZ	JD 7000/ KZ 2000-2300	1/4" CROSS HOLE BEARING FOR GAUGE WHEEL	\$ 10.25
P38106B	JD	JD 7200- EARLY 1700/ CIH	GROOVE STEM GAUGE WHEEL BEARING	\$ 10.95
<u>5203KYY2-I</u> <u>5203PYY2-O</u>	JD/KZ/WHITE	JD 1700/ KZ 2500/ WHITE 8000	40 MM. GAUGE / CLOSING WHEEL BEARING	\$ 8.95 \$ 9.50
885152	JD/KZ	JD 7000/ KZ 2000-2300	STEM CLOSING BEARING	\$ 5.95
5203TN1	JD	JD 7200	SINGLE CLOSING BEARING	\$ 11.90
205KRRB2	JD/KZ	JD 7000/ KZ	HEX BEARING TRANSMISSION AND DRIVE LINE	\$ 8.95
205KRR2	JD/KZ	SEVERAL	HEX BEARING TRANSMISSION AND DRIVE LINE	\$ 9.95
P30654	JD/KZ	JD 7000/ KZ 2000-2300	19 TOOTH ROW UNIT DRIVE SPROCKET WITH BEARING 9/16"	\$ 19.95
P36212	JD	JD 7200	19 TOOTH ROW UNIT DRIVE SPROCKET WITH BEARING 7/8" X 2 1/8" WIDE	\$ 16.50
P35645	JD	JD 1700	19 TOOTH ROW UNIT DRIVE SPROCKET WITH BEARING 7/8" X 2 1/2" WIDE	\$ 16.50
P35646	KINZE	KZ 2500+	7/8" HEX BORE BEARING FOR SEED DRIVE LESS SPROCKET	\$ 10.95
P22325	JD/KZ/WHITE	SEVERAL	RUBBER CLOSING TIRE ONLY	\$ 5.95
112PM-01	JD/KZ/WHITE	JD 1700 KZ 2500+ WHITE 8000	1X12 NYLON RIM HALF FOR CLOSING WHEEL	\$ 8.25
P43899	JD/KZ	JD 7000/ KZ 2000-2300	RUBBER CLOSING WHEEL ASSEMBLY	\$ 29.95
P43898	JD	JD 7200	RUBBER CLOSING WHEEL ASSEMBLY	\$ 31.95
P39968A/B/C	JD/KZ/WHITE	JD 1700 KZ 2500+ WHITE 8000	RUBBER CLOSING WHEEL ASSEMBLY 40 MM. OEM	A IMP- \$ 28.95 B USA- \$33.95 C STEEL-\$36.95
416MY-01	JD	JD 7000 EARLY 7200	USA YELLOW GAUGE WHEEL RIM HALF	\$ 12.95
416MW-01	KINZE	KZ 2000 +	USA WHITE GAUGE WHEEL RIM HALF	\$ 12.95
416MB-01	JD	JD 7200 +	USA BLACK GAUGE WHEEL RIM HALF	\$ 12.95
416PL-01	JD	JD 1700	POLY OUTER RIM HALF	\$ 13.75
PRM-C	JD	JD 7200	POLY OUTER RIM COVER BLACK	\$ 9.50
H4515-JD	JD/KZ/WHITE	SEVERAL	GAUGE WHEEL TIRE O.E.M. REPLACEMENT	\$ 27.95 SALE
H4516-IH	CASE IH	SEVERAL	RID GAUGE TIRE WITH REDUCED INNER LIP	\$ 29.95 SALE
H4515-XP	JD	JD 1700 XP	XP GAUGE WHEEL TIRE O.E.M. REPLACEMENT	\$ 29.95 SALE
DM70	JD/KZ	JD 7000/ KZ 2000-2300	DEPTH-A-MATIC GAUGE WHEEL STOP	\$ 33.95 SALE
DM72	JD	JD 7200	DEPTH-A-MATIC GAUGE WHEEL STOP	\$ 42.95 SALE
P772K	JD	JD 1700 ALL	GAUGE WHEEL WALKING DEPTH CONTROL STOP	\$ 41.95
P609	JD	JD 1700 ALL	WALKING DEPTH ROCKER	\$ 12.95
P670	JD	JD 1700 ALL	WALKING DEPTH ROCKER BOLT	\$ 2.75

PRICES SUBJECT TO CHANGE WITHOUT NOTICE!

Planter Gauge Wheel Repair Arms



APQ2550



AP54179



AP41968B



AP6114



AP7976 RH



AP7975 LH

*SPINDLE DOES NOT ACT AS FULCRUM.
*BUSHING CARRIES ARM LOAD.
*GREASABLE HARDENED BUSHING

PART#	APPLICATION	PRICE
APQ2550	JD7000/KZ2000 EARLY JD 7200	\$23.50 EA. "SALE"
AP54179	JD7200/ EARLY 1700 NON-XP	\$23.50 EA. "SALE"
AP6114	KINZE 2500-2600	\$22.50 EA. "SALE"
AP7976 RH	KINZE 3000 NON ADJUSTABLE	\$29.95 EA. "SALE"
AP7975 LH	KINZE 3000 NON ADJUSTABLE	\$29.95 EA. "SALE"
APKD11001	KINZE 3000 PIVOT SHAFT	\$14.95 EA. "SALE"
AP79648	JD 1700 "XP"	\$22.50 EA. "SALE"
P41968B BUSHING	1" SPINDLE	\$ 8.00 EA. "SALE"
P54179B BUSHING	5/8" BOLT STYLE	
AP92817	JD 1700 "XP" SN 76101>(NEW STYLE)	\$ 27.95 "SALE"

Closing Frame Update Kits

JD 7200 / 1700 SERIES

*Converts To Bolt On Closing Wheels.

*New Knuckle, Cast Closing Frame, Spring And Handle.



\$ 99.00 SALE

KINZE 2000 SER. / JD 7000

*Converts To Bolt On Closing Wheels.

*New Knuckle, Closing Frame, Spring And Handle.



KIT W/ HARDWARE---\$ 59.95 SALE

ROW UNIT WEAR PART REBUILD KIT

Rebuild Your Existing Row Units With The Most Commonly Needed Parts!

MODEL	PART #	DESCRIPTION	PRICE PER ROW
JD 7000 / KZ 2000-2700	SKRURK-01	ROW UNIT KIT FOR EARLY JD AND KZ	\$ 229.80 SALE
JD 7200 - EARLY 1700	SKRURK-02	ROW UNIT KIT FOR 7200 - EARLY 1700	\$ 255.00 SALE
JD 1700 XP	SKRURK-03	ROW UNIT KIT FOR 1750XP-1790XP	\$ 269.00 SALE
KZ 3000 SER.	SKRURK-04	ROW UNIT KIT FOR KZ 3000 SER.	\$ 259.00 SALE



KIT CONSISTS OF:

- 2-SEED DISC OPENERS
- 1-TUBE GUARD W/ ROLL PINS
- 2-GAUGE WHEEL TIRES
- 2-GAUGE WHEEL BEARINGS
- 2-GAUGE WHEEL ARMS

- 1-BULLSEYE SEED TUBE
- 8-PARALELL ARM BUSHINGS
- 2-CLOSING FRAME BUSHINGS
- 1-25 WAVE COULTER BLADE
- 1-SEED METER DRIVE CHAIN



PLANTER / DRILL GAUGE WHEEL ASSEMBLIES



MODEL #	PART#	DESCRIPTION	PRICE
JD 7000	GW416102A-YS	YELLOW STEEL RIMS W/ JD STYLE TIRE AND ¼ CROSS BEARING	\$ 65.50
JD 7000	GW416103A-YS	YELLOW STEEL RIMS W/CIH STYLE TIRE AND ¼ CROSS BEARING	\$ 64.95
KZ 2000-2300	GW41602A-WS	WHITE STEEL RIMS W/ KZ STYLE TIRE AND ¼ CROSS BEARING	\$ 65.95
KZ 2500-2700	GW416103A-WS	WHITE STEEL RIMS W/ KZ STYLE TIRE AND 40MM BEARING	\$ 66.95
JD 750	GW41604A-YS	YELLOW STEEL RIMS W/ JD STYLE TIRE AND 40MM. BEARING	\$ 65.50
JD 750	GW41605A-YS	YELLOW STEEL RIMS W/ CIH STYLE TIRE AND 40MM. BEARING	\$ 67.95
JD 1700	GW416102B-MC	METAL RIM BLACK COVER W/ JD STYLE TIRE 40MM BEARING	\$ 72.95
JD 1700	GW416103B-MC	METAL RIM BLACK COVER W/ CIH STYLE TIRE 40MM BEARING	\$ 74.95
KZ 3000+	GW416104B-MC	METAL RIM WHITE COVER W/ KZ STYLE TIRE 40MM BEARING	\$ 69.95
JD 7200	GW416102C-YS	YELLOW STEEL RIMS W/ JD STYLE TIRE AND GROOVE STEM BEARING	\$ 65.50
JD 7200	GW416103C-YS	YELLOW STEEL RIMS W/ CIH STYLE TIRE AND GROOVE STEM BEARING	\$ 67.95
JD 7200 LATE 1700 EARLY	GW416104C-MC	METAL RIM BLACK COVER W/ JD STYLE TIRE GROOVE STEM BEARING	\$ 72.95
JD 1700	GW316110-MP	METAL RIM / POLY OUTER RIM 3" TIRE 40MM BEARING	\$ 67.95 SALE
CASE IH 900	GW416103D-BS	BLACK STEEL RIMS W/ CIH STYLE TIRE AND GROOVE STEM BEARING	\$ 74.95
CASE IH 1200	GW416104D-MC	METAL RIM BLACK COVER W/ CIH STYLE TIRE 40MM BEARING	\$ 78.95
JD 1700 XP	GW416102E-MC	METAL RIM BLACK COVER W/ JD XP STYLE TIRE 40MM BEARING	\$ 74.95

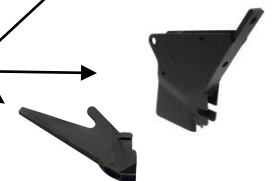


GAUGE WHEEL COMPONENTS

PART #	DESCRIPTION	PRICE
416MY-01	YELLOW STEEL RIM FOR GAUGE WHEELS	\$ 12.95
416MW-01	WHITE STEEL RIM FOR GAUGE WHEELS	\$ 12.95
416MB-01	BLACK STEEL RIM FOR GAUGE WHEELS	\$ 12.95
PRM-CB	BLACK POLY OUTER COVER	\$ 9.50
PRM-CW	WHITE POLY OUTER COVER	\$ 9.50
H4515-JD	STANDARD GAUGE TIRE	\$ 27.50 SALE
H4516-IH	RID/ CIH TYPE GAUGE TIRE	\$ 28.95 SALE
H4515-XP	JD 1700 XP GAUGE TIRE	\$ 29.95 SALE
P35951B	¼ CROSS HOLE BEARING EARLY JD/CIH/ KZ	\$ 10.25
P38106B	GROOVE STEM BEARING JD7200/CIH 900+	\$ 10.95
5203KYY2IMP	40MM BEARING (IMPORT) JD 1700/ KINZE 2500+	\$ 8.95

C-IH PLANTER / DRILL PARTS

PART #	DESCRIPTION	PRICE EA.
8IHCD	8" Planter Covering Disc W/ CAP	\$ 25.50
P6000/6001	8" KNOTCHED COVERING DISC	\$ 25.00
21651H8D	2.5" X 16" NARROW WHEEL ASSEMBLY	\$ 52.50
BSCW899	MARTIN 9" SPADED CLOSING WHEEL	\$ 122.00 PER PR. SALE
013-6512CTT	6.5" X 12" CLOSING TIRE W/ TREAD	\$ 49.50 SALE
SMA1264391	COVERING TENSION SPRING (800-1200)	\$ 7.50
SMA847243285	SEED SHOE (800-1200/ 5400)	\$ 35.50 SALE
SMA436702	FIRMING POINT (800-1200/ 5400)	\$ 12.00 SALE



NO-TILL DOWN PRESSURE SPRINGS/ OEM AIR BAGS

PART #	SPRINGS TO FIT:	PRICE
GA2068	JD7000/Early Kinze	\$ 12.50
KD8249HD	Kinze 2600-3000	\$ 8.95
KD21337	Kinze 2600-3000 HD	\$ 10.95
FABP43609	JD 7200	\$ 10.95
2960-373	Yetter	\$ 16.95



*If you don't see your spring give us a call,

SEED FLOW LUBRICANTS AND GRAPHITE

- Maximizes yield and profit by increasing plant population per acre.
- Easiest, most economical way to apply seed flow lubricant. No buildup.
- Reduces wear on planter plates.



PART #	TYPE	SIZE	PRICE
EZ19000	Talc	8 # Jug	\$ 17.75
174-PT30P	Talc	30 # Bucket	\$ 45.50
EZS 9950	Graphite	1 # Bottle	\$ 5.25
EZD 9950	Graphite	5 # Jug	\$ 17.50
PP80208	80/20 Mix	8 # Jug	\$ 24.95 SALE
EZ 0901-4	80/20 Mix	40 # Box	\$ 69.75 Best Value!
GLID-8	GLIDUALATOR	FITS 8 # JUG	\$ 10.00 SALE



RECOMMENDED USE AMOUNTS PER SEED UNIT:		
LUBRICANT TYPE	METER TYPE	AMOUNT PER SEED COUNT
GRAPHITE	FINGER	.16667 OZ. PER 80,000 CORN
TALK	VAC ONLY	4 OZ. PER 80,000 CORN
8020 MIX	VAC ONLY	4 OZ. PER 80,000 CORN

16 OZ. = 1 LB.

PRECISION Eflow

This special blend of talc and graphite improves seed loading and seed release – and that improves seed spacing. eFlow improves the flow of seed from the hopper to the meter. In the meter, eFlow ensures that seeds release consistently once the vac is shut off and seeds drop to the seed tube. The addition of graphite, especially in smaller seeds, helps seeds slide off the disk like clockwork.

Just mix $\frac{1}{4}$ cup of eFlow per 80,000 seeds. On large seeds, 60# or more per 80,000 seeds, reduce the rate to $\frac{1}{8}$ cup. eFlow is available in a convenient 8# jug. That's enough to lubricate 130 units of seed corn. We've also developed a clean and convenient measuring lid that fits the eFlow jug. The lid meters $\frac{1}{8}$ cup of eFlow with each turn of a handle – two turns equals $\frac{1}{4}$ cup delivered directly into the hopper. Treated seeds with a rough coating may need more eFlow.

Don't exceed the recommended amounts. Too much talc can inhibit seed flow – especially in high humidity. Watch for talc or eFlow accumulations at the bottom of the seed hopper or meter.



PLANTER CHAINS



ROLLER CHAIN-USA

Size	Price per 10'	Conn. Link	Offset Link
RC41	\$ 57.75 Sale	\$ 1.95	-----
RC40	\$ 52.50 Sale	\$ 2.10	\$ 2.95
RC2040	\$ 76.80	\$ 2.95	\$ 4.25
RC2050	\$ 59.50	\$ 3.50	\$ 4.75

Timken chain is hotpeened, has wide-waisted link plates. It is manufactured with maximized ball heights from special alloy steels for added strength for chain sizes 60H and above. The wide link plate profile improves stress distribution, leading to increased fatigue resistance and enhanced performance.

RC41-50 50' - Price \$ 239.75 SALE

RC40-50 50' - Price \$ 265.00 SALE

ROLLER CHAIN-IMP

Size	Price per 10'	Conn. Link	Offset Link
41	\$ 16.75	\$ 1.40	\$ 1.75
40	\$ 19.50	\$ 1.60	\$ 1.90
2040	\$ 21.50	\$ 2.25	\$ 2.95
2050	\$ 27.50	\$ 2.50	\$ 3.95



MEETS
ANSI
SPECS!

HIGH QUALITY

CHAIN BREAKER TOOLS

PART #	SIZE RANGE	PRICE EA.
5A1	#25 THRU #60	\$ 25.95
5A2	#60 THRU #100	\$ 39.95



PRE-CUT PLANTER CHAINS

PART #	BRAND	MODEL	METER TYPE	SIZE	LINKS	PRICE
P4197	KZ	2300-2600	PUSHER UNIT	#41	97	\$ 8.95
P4198	JD / KZ	7000/2000	FINGER	#41	98	\$ 8.95
P41100	KZ	EDGE VAC	VAC PUSHER	#41	100	\$ 8.95
P41105	JD	7200-1700	REG. ARM FINGER	#41	103	\$ 9.25
P41108	KZ	EDGE VAC	VAC	#41	108	\$ 8.95
P41112	JD	7200	REG. ARM VAC	#41	112	\$ 9.95
P41113	JD	1700	ME2 2002>	#41	113	\$ 9.95
P41120	CIH	1200 / WH 5100	VAC	#41	120	\$ 9.95
A205053	JD	7000-6R	WHEEL DRIVE	#2050	53	\$ 16.95
A205056	JD	7000/ 8&12	WHEEL DRIVE	#2050	56	\$ 18.95
1231212	KZ/JD	ALL / JD 7000	CHAIN IDLER KIT	#41	---	\$ 9.95
70300	KZ	PUSHER UNIT	CHAIN IDLER KIT	#41	---	\$ 9.95

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