

CYLINDER PIN

- Precision machined pin with grooves and holes for easy use
- Includes two hitchpin clips
- Clear zinc plated



10210

P/N	SHAFT DIAMETER	USABLE LENGTH	OVERALL LENGTH	CLIP NUMBER	PIN NUMBER	WEIGHT
10200	1"	2-1/4"	3"	60870	CP225	0.70
10202	1"	2-3/4"	3-1/2"	60870	CP275	0.82
10205	1"	3"	3-3/4"	60870	CP300	0.88
10210	1"	3-1/4"	4"	60870	CP325	0.95
10217	1-1/4"	3-1/4"	4"	60880	CP1325	1.44

Standard Package = 6 pieces

LYNCHPIN**

- Lynchpins in sizes 3/16" to 7/16"
- Fits category 0-3 top link pins and lift arm pins
- Yellow zinc plated



21915



21930

P/N	DESCRIPTION	CATEGORY	USABLE LENGTH	SHANK LENGTH	OVERALL LENGTH	WEIGHT
21910	3/16" Lynchpin	0	1-1/8"	1-3/8"	1-5/8"	0.03
21915	3/16" Lynchpin w/12" chain	0	1-1/8"	1-3/8"	1-5/8"	0.14
21920	1/4" Lynchpin	1	1-7/16"	1-3/4"	2-1/8"	0.05
21925	1/4" Lynchpin w/12" chain	1	1-7/16"	1-3/4"	2-1/8"	0.16
21930	5/16" Lynchpin	1, 2	1-7/16"	1-3/4"	2-1/8"	0.07
21935	5/16" Lynchpin w/12" chain	1, 2	1-7/16"	1-3/4"	2-1/8"	0.18
21940	7/16" Lynchpin	1, 2	1-1/2"	1-3/4"	2"	0.11
21945	7/16" Lynchpin w/12" chain	1, 2	1-1/2"	1-3/4"	2"	0.21
21938	7/16" Lynchpin	1, 2, 3	1-1/2"	2"	2-7/16"	0.11
21960	7/16" Lynchpin w/HD ring	1, 2, 3	1-1/2"	1-15/16"	2-1/8"	0.13

Standard Package = 100 pieces

**FOR SMALLER PACKAGED QUANTITIES - VISIT OUR WEBSITE

LYNCHPIN WITH BARCODED LABEL

P/N	CATEGORY	SHAFT DIAMETER	USABLE LENGTH	SHANK LENGTH	OVERALL LENGTH	WEIGHT
81911	0	3/16"	1-1/8"	1-3/8"	1-5/8"	0.03
81922	1	1/4"	1-7/16"	1-3/4"	2-1/8"	0.05
81933	1, 2	5/16"	1-7/16"	1-3/4"	2-1/8"	0.07
81944	1, 2	7/16"	1-1/2"	1-3/4"	2"	0.11

Flag Tag Standard Package = 100 pieces

LINKAGE PARTS

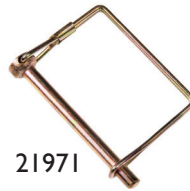


WIRELOCK PIN**

- Shaft diameters from 1/4" to 3/8"
- Round or square wirelock
- Yellow zinc plated



21970



21971



21987



21996

P/N	SHAFT DIAMETER	USABLE LENGTH	SHANK LENGTH	OVERALL LENGTH	WIRE	WEIGHT
21968	1/4"	1-3/8"	1-13/16"	2-1/16"	Round	0.06
21970	1/4"	1-3/4"	2-1/4"	2-1/2"	Round	0.06
21971	1/4"	2-1/4"	2-3/4"	3"	Square	0.08
21972	1/4"	2-1/2"	2-7/8"	3-1/4"	Square	0.08
21973	1/4"	2-1/2"	2-7/8"	3-1/4"	Round	0.08
21974	5/16"	1-1/4"	1-5/8"	1-7/8"	Round	0.08
21975	5/16"	1-3/8"	1-3/4"	2"	Round	0.08
21978	5/16"	1-3/4"	2-1/8"	2-3/8"	Round	0.09
21980	5/16"	2-1/4"	2-5/8"	2-7/8"	Square	0.11
21982	5/16"	2-1/4"	2-5/8"	2-7/8"	Round	0.10
21983	5/16"	2-1/2"	2-7/8"	3-1/8"	Round	0.11
21985	5/16"	2-1/2"	2-7/8"	3-1/8"	Square	0.11
21981	5/16"	3"	3-1/2"	3-3/4"	Square Single	0.11
21987*	5/16"	3-1/2"	3-3/4"	4"	Square Single	0.12
21996*	5/16"	3-1/2"	3-15/16"	4-1/2"	Square Single Coil	0.12
21990	3/8"	1-1/2"	1-3/4"	2"	Round	0.10
21992	3/8"	1-3/4"	2-1/4"	2-1/2"	Round	0.12
21993	3/8"	2"	2-1/2"	2-3/4"	Square	0.13
21984	3/8"	2-1/4"	2-1/2"	2-3/4"	Square	0.14
21986	3/8"	2-1/4"	2-5/8"	2-7/8"	Round	0.14
21994	3/8"	2-1/2"	3"	3-1/4"	Square	0.14
21997	3/8"	2-1/2"	2-3/4"	3"	Round	0.13
21995	3/8"	3"	3-1/2"	3-3/4"	Square	0.17
21998	3/8"	3"	3-1/2"	3-3/4"	Square Single Coil	0.16
21999	3/8"	3-7/16"	3-15/16"	4-3/16"	Square	0.19

Standard Package = 100 pieces

**FOR SMALLER PACKAGED QUANTITIES - VISIT OUR WEBSITE

* Clear Zinc Plated

WIRELOCK PIN WITH BARCODED LABEL

P/N	SHAFT DIAMETER	USABLE LENGTH	SHANK LENGTH	OVERALL LENGTH	WIRE	WEIGHT
81975	1/4"	1-3/4"	2-1/4"	2-1/2"	Round	0.06
81968	1/4"	1-3/8"	1-13/16"	2-1/16"	Round	0.06
81972	1/4"	2-1/2"	2-7/8"	3-1/4"	Square	0.08
81973	1/4"	2-1/2"	2-7/8"	3-1/4"	Round	0.08
81971	1/4"	2-1/4"	2-3/4"	3"	Square	0.08
81992	3/8"	1-3/4"	2-1/4"	2-1/2"	Round	0.12
81994	3/8"	2-1/2"	3"	3-1/4"	Square	0.15
81984	3/8"	2-1/4"	2-1/2"	2-3/4"	Square	0.14
81981	5/16"	2-1/4"	2-5/8"	2-7/8"	Square	0.11
81987	5/16"	2-1/4"	2-5/8"	2-7/8"	Round	0.10
81983	5/16"	2-1/2"	2-7/8"	3-1/8"	Round	0.11
81985	5/16"	2-1/2"	2-7/8"	3-1/8"	Square	0.11

Flag Tag Standard Package = 100 pieces

RATCHET JACK (WITH PINS)

- Includes 2 pins and handle
- Painted black

P/N	PIN DIAMETER	HOLE CENTER ADJUSTMENT	THREAD DIAMETER	WEIGHT
22590	1"	20" to 28"	1-1/4"	15.35



Standard Package = 1 piece

TOP LINK

- Adjustable top links attach upper 3-point attaching point of implement to tractor
- Adjusting handle included
- Yellow zinc plated
- Category 0, 1, 1 & 2 combination, 2, & 3



P/N	TYPE	CATEGORY	THREAD DIAMETER	HOLE DIAMETER	OPEN LENGTH	CLOSED LENGTH	BODY LENGTH	WEIGHT
22506	Standard	0	3/4"	5/8"	16"	11"	7-5/8"	3.20
22504	Standard	0	3/4"	5/8"	18"	13"	9-1/2"	2.70
22507	Standard	1	1-1/8"	3/4"	24"	15-1/2"	11-1/4"	6.80
22509	Standard	1	1-1/8"	3/4"	26-1/2"	16-3/8"	12"	7.00
22508	Standard	1	1-1/8"	3/4"	26"	17-1/2"	13"	7.20
22510	Standard	1	1-1/8"	3/4"	29"	20-1/2"	16"	8.00
22512	Standard	1	1-1/8"	3/4"	33"	24-1/2"	20"	8.90
22514	Standard	1	1-1/8"	3/4"	39"	29"	24"	8.90
22515	Standard	1 & 2	1-1/8"	3/4" - 1"	31"	20-3/4"	16"	9.40
22528	JD	2	1-1/8"	3/4" - 1"	30"	21-5/8"	12-1/2"	12.00
22518	Standard	2	1-1/8"	1"	27-3/4"	18"	13"	9.10
22520	Standard	2	1-1/8"	1"	33"	21"	16"	9.20
22522	Standard	2	1-1/8"	1"	37"	25"	20"	10.70
22525	Heavy Duty	2	1-1/4"	1"	31-1/2"	20-1/2"	15"	14.90
22526	Heavy Duty	2	1-1/4"	1"	35-1/2"	24-1/2"	19"	13.40
22530	Heavy Duty	3	1-3/8"	1-1/4"	36-1/2"	25-1/2"	19"	22.40

Standard Package = 1 piece

TOP LINK PIN

- Top link pins connect top link to tractor and to implement
- Variety of lengths will fit most applications
- Category 0 through Category 3
- Yellow zinc plated



P/N	CATEGORY	SHAFT DIAMETER	USABLE LENGTH	OVERALL LENGTH	STANDARD PACKAGE	WEIGHT
21250	0	5/8"	3"	4-7/16"	12	0.40
21252	1	3/4"	2-3/4"	4-1/2"	12	0.50
21256	1	3/4"	3-7/8"	5-1/2"	12	0.66
21257	1	3/4"	4-3/4"	6-3/8"	12	0.80
21260	2	1"	3"	4-3/4"	6	1.00
21261	2	1"	3-9/16"	5-1/4"	6	1.13
21262	2	1"	4-5/16"	6"	6	1.40
21264	2	1"	5-3/8"	7"	6	1.53
21270	3	1-1/4"	4-7/16"	6-1/2"	4	2.25

LINKAGE PARTS



LIFT ARM PIN

- Lift arm pins connect implement to lift arms on tractor
- Category 0 through Category 3
- Nut(s) and washer included
- Yellow zinc plated to resist corrosion



P/N	CATEGORY	DIAMETER	THREAD	USABLE LENGTH	OVERALL LENGTH	PIN TYPE	STANDARD PACKAGE	WEIGHT
21210	0 Adjustable	5/8"	5/8NF	1-1/4" +	3-7/8"	U	12	0.44
21212	0-1	7/8"	5/8NF	1-3/4"	4-1/2"	A-M	12	0.70
21222	1 Adjustable	7/8"	7/8NF	1-5/8" +	5"	U	12	1.10
21233	1 Adjustable	7/8"	7/8NF	2" +	6-3/8"	U	12	1.25
21226	1 Forged	7/8"	7/8NF	1-3/4"	5-1/2"	F	12	1.15
21224	1 Forged	7/8"	7/8NF	2-1/4"	6-3/4"	F	12	1.32
21235	1-2 Adjustable Forged	7/8" & 1-1/8"	1NF	2" Both	7-3/4"	C	6	1.95
21243	2-1 Forged	7/8"	1-1/8NF	1-5/8"	5-3/4"	F	6	1.72
21230	1-2	1-1/8"	7/8NF	1-3/4"	5-1/4"	A-M	6	1.35
21232	1-2 Forged	1-1/8"	7/8NF	1-3/4"	5-1/4"	A-F	6	1.48
21240	1-2 Forged	1-1/8"	7/8NF	2-1/4"	6-1/2"	A-F	6	1.68
21241	2 Adjustable	1-1/8"	1-1/8NF	1-3/4" +	6-1/8"	U	6	2.27
21242	2 Forged	1-1/8"	1-1/8NF	2"	6-1/8"	F	6	2.21
21244	2-3 Forged	1-7/16"	1-1/8NF	1-7/8"	5-3/4"	F(M)	4	2.82
21280	3 Forged	1-7/16"	1-3/8NF	1-7/8"	5-7/8"	F	2	3.70

Example: PN 21230 Lift Arm adapts Category 1 implement to Category 2 tractor hitch. PN 21243 Lift Arm adapts Category 2 implement to Category 1 tractor hitch.

LIFT ARM BUSHING

- Reducing bushing
- Adapt larger category hitches to smaller category implements
- Yellow zinc plated



21194

TOP LINK BUSHING

- Reducing bushing
- Adapt larger category hitches to smaller category implements
- Yellow zinc plated



21192

P/N	CATEGORY	INSIDE DIAMETER	OUTSIDE DIAMETER	OVERALL LENGTH	STANDARD PACKAGE	WEIGHT
21189	0-1	5/8"	7/8"	1-3/8"	24	0.10
21193	1-2	7/8"	1-1/8"	1-3/8"	24	0.14
21194	1-2	7/8"	1-1/8"	1-3/4"	24	0.19
21195	2-3	1-1/8"	1-7/16"	1-3/4"	12	0.30
21196	2-3 w/Hole	1-1/8"	1-7/16"	2-1/2"	12	0.40
21197	2-3	1-1/8"	1-7/16"	2-3/4"	12	0.50
21198	2-3	1-1/8"	1-7/16"	3-1/4"	6	0.60

P/N	CATEGORY	INSIDE DIAMETER	OUTSIDE DIAMETER	OVERALL LENGTH	STANDARD PACKAGE	WEIGHT
21188	0-1	5/8"	3/4"	1-5/8"	24	0.10
21191	1-2	3/4"	1"	1-5/8"	24	0.15
21190	1-2	3/4"	1"	1-15/16"	24	0.20
21192	2-3	1"	1-1/4"	1-15/16"	12	0.24

BUSHING KIT

- Top link and lift arm reducing bushings
- Yellow zinc plated



21180

P/N	DESCRIPTION	CATEGORY	WEIGHT
21180	Contains 1 P/N 21190 & 2 P/N 21194	1-2	0.60
21182	Contains 1 P/N 21192 & 2 P/N 21195	2-3	0.82



31188

P/N	CATEGORY	INSIDE DIAMETER	OUTSIDE DIAMETER	OVERALL LENGTH	WEIGHT
31188	0-1	5/8"	3/4"	1-5/8"	0.20
31191	1-2	3/4"	1"	1-5/8"	0.30
31190	1-2	3/4"	1"	1-15/16"	0.40
31192	2-3	1"	1-1/4"	1-15/16"	0.48

Standard Package = 10 kits

Clamshell Package = 2 pieces/pack

STRAIGHT CLEVIS

- Black painted finish
- Zinc plated pin and clip



24013

P/N	DIAMETER	USABLE LENGTH	OPENING WIDTH	PIN DIAMETER	WORKING LOAD LIMIT	WEIGHT
24013	5/8"	3-1/4"	3/4"	1/2"	6,000#	1.50
24014	3/4"	3-3/4"	1-1/4"	5/8"	12,000#	2.08
24015	7/8"	3-1/4"	1-1/4"	3/4"	16,000#	3.07
24016	7/8"	4-1/4"	1-1/4"	3/4"	16,000#	3.65
24017	15/16"	4-5/8"	1-1/4"	7/8"	20,000#	4.60
24018	1"	5-5/16"	2"	1"	25,000#	5.85

Standard Package = 1 piece

FARM CLEVIS

- Black painted finish
- Zinc plated screw pin



24042

P/N	DIAMETER	USABLE LENGTH	OPENING WIDTH	PIN DIAMETER	WORKING LOAD LIMIT	WEIGHT
24041	1/4"	1-1/8"	7/16"	5/16"	1,000#	0.10
24042	5/16"	1-1/4"	9/16"	3/8"	2,000#	0.20
24043	3/8"	1-7/16"	5/8"	7/16"	3,000#	0.30
24044	7/16"	1-11/16"	3/4"	1/2"	4,000#	0.50
24045	1/2"	1-15/16"	3/4"	5/8"	6,500#	0.75
24046	5/8"	2-1/2"	1"	3/4"	9,000#	1.40
24047	3/4"	3"	1-1/4"	7/8"	13,000#	2.25
24048	7/8"	3-1/4"	1-1/4"	1"	13,000#	3.45
24049	1"	3-3/4"	1-3/4"	1"	17,000#	4.40
24050	1-1/8"	4-7/8"	1-13/16"	1-1/4"	23,000#	6.90
24051	1-1/4"	5-1/4"	2"	1-3/8"	27,000#	10.01

Standard Package = 1 piece

UTILITY CLEVIS

- Black painted finish
- Zinc plated pin and cotterpin



24062

P/N	DIAMETER	USABLE LENGTH	OPENING WIDTH	PIN DIAMETER	WORKING LOAD LIMIT	WEIGHT
24061	1/4"	7/8"	1/2"	5/16"	1,000#	0.10
24062	5/16"	1"	5/8"	3/8"	1,500#	0.20
24063	3/8"	1-1/4"	1/2"	7/16"	2,000#	0.30
24064	7/16"	1-1/2"	1/2"	5/8"	3,000#	0.40
24065	1/2"	1-11/16"	3/4"	5/8"	6,000#	0.60
24066	5/8"	2"	3/4"	3/4"	9,000#	1.20

Standard Package = 1 piece

GENERAL CLEVIS

- Black painted finish
- Zinc plated pin and cotterpin



24082

P/N	DIAMETER	USABLE LENGTH	OPENING WIDTH	PIN DIAMETER	WORKING LOAD LIMIT	WEIGHT
24082	3/4"	6-1/4"	2-1/4"	3/4"	10,000#	3.43

Standard Package = 1 piece

TWISTED CLEVIS

- Black painted finish
- Zinc plated pin and clip



24023

P/N	DIAMETER	USABLE LENGTH	OPENING WIDTH	PIN DIAMETER	WORKING LOAD LIMIT	WEIGHT
24023	5/8"	3"	3/4"	1/2"	6,000#	1.50
24024	3/4"	3-1/2"	1-1/4"	5/8"	12,000#	2.12
24025	7/8"	2-3/4"	1-1/4"	3/4"	16,000#	3.00
24026	7/8"	3-7/8"	1-1/4"	3/4"	16,000#	3.55
24027	15/16"	4-1/4"	1-1/4"	7/8"	20,000#	4.30
24028	1"	5"	2"	1"	25,000#	6.25

Standard Package = 1 piece

CHECK CHAIN CLEVIS

- Zinc plated finish
- Zinc plated pin and clip



24105

P/N	DESCRIPTION	WEIGHT
24105	Utility	0.12

Standard Package = 1 piece

DOUBLE CLEVIS (MID-LINK)

- Black painted finish
- One piece heat treated forged steel
- Use with high test chain
- Zinc plated pin and cotterpin



24098

P/N	USE WITH CHAIN SIZE	WORKING LOAD LIMIT	WEIGHT
24095	1/4" to 5/16"	4,700#	0.36
24096	3/8"	6,600#	0.50
24098	7/16" to 1/2"	11,300#	1.00

Standard Package = 1 piece



FARM HARDWARE PRODUCTS ARE NOT DESIGNED FOR LIFTING



LINKAGE PARTS



T-HANDLE CLEVIS PIN

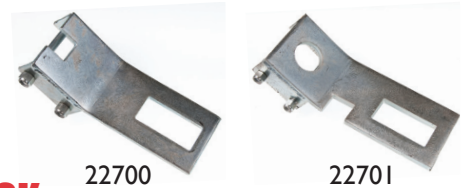
- No clips included
- For use with straight & twisted clevises



24315

P/N	SHAFT DIAMETER	USABLE LENGTH	USE WITH CHAIN SIZE	WEIGHT
24312	1/2"	2-1/4"	24013 & 24023	0.40
24313	5/8"	3"	24014 & 24024	0.50
24314	3/4"	3-1/4"	24015/24016 & 24025/24026	0.79
24315	7/8"	3-3/4"	24017 & 24027	1.20
24316	1"	4-1/4"	24018 & 24028	1.50

Standard Package = 12 pieces



22700

22701

DRAWBAR LOCK

- Prevents drawbar on 3-point hitch from rotating
- Zinc Plated Clear

P/N	DESCRIPTION	CATEGORY	WEIGHT
22700	Drawbar Lock	0	2.20
22701	Drawbar Lock	1	3.90

Standard Package = 1 piece

DRAWBAR

- One-piece drawbars replace most standard applications
- Painted black



22711

P/N	CATEGORY	SPACING	HOLES	HOLE DIAMETER	PIN DIAMETER	THICKNESS	WIDTH	OVERALL LENGTH	WEIGHT
22718	0	20"	7	5/8"	5/8"	5/8"	2"	24-1/2"	6.70
22719	1	20"	7	3/4"	7/8"	1"	2-1/2"	25"	10.90
22711	1	26"	11	3/4"	7/8"	1"	2-1/2"	31-1/2"	16.20
22721	2	26"	11	3/4"	1-1/8"	1-1/4"	3"	32"	24.60
22732	2	32"	13	3/4"	1-1/8"	1-1/4"	3"	38"	30.20
22744	2	32"	7	1-1/8"	1-1/8"	1-1/4"	3"	38"	29.50
22748	3	38"	5	1-1/4"	1-7/16"	1-3/4"	3-1/2"	43-1/2"	52.00

Standard Package = 1 piece

DRAWBAR GRAB HOOK



24070

P/N	FITS	WEIGHT
24070	Drawbar with 3/4" holes up to 1-1/4" thick	2.90

Standard Package = 1 piece



SWINGING DRAWBAR

- One piece heat treated forged steel

22745

P/N	PIN DIAMETER	OVERALL LENGTH	THICKNESS	WIDTH	WEIGHT
22745	3/4" - 5/8"	30"	1"	2"	13.50

Standard Package = 1 piece



FARM HARDWARE PRODUCTS ARE NOT DESIGNED FOR LIFTING





PTO ADAPTER

- Increase/reduce diameter or extend length of tractor's PTO shaft to fit implements PTO shaft
- Yellow zinc plated or black oxide finish

P/N	DESCRIPTION	FEMALE SPLINE	MALE SPLINE	EXT PTO LENGTH	OVERALL LENGTH	MAX HP	WEIGHT
23250	Sleeve increaser, Ford	1-1/8" X 6	1-3/8" X 6		2"	75	0.20
23249	Sleeve increaser, all tractors except Ford	1-1/8" X 6	1-3/8" X 6		2-3/16"	75	0.20
23253	Short Increaser	1-1/8" X 6	1-3/8" X 6	1-11/32"	3-1/4"	75	0.70
23252	Heavy Duty Increaser Forged	1-1/8" X 6	1-3/8" X 6	2-3/4"	5-1/2"	75	1.85
23251	Universal Reducer	1-3/8" X 6	1-1/8" X 6	2-7/8"	5-3/4"	75	1.40
23255	Extension Adapter	1-3/8" X 6	1-3/8" X 6	3"	5-3/4"	75	2.30
23329	Set Screw Type	1-3/8" X 21	1-3/8" X 6	4"	6-1/8"	75	2.10
23331	Set Screw Type	1-3/8" X 21	1-3/8" X 6	3-1/4"	6-1/2"	75	2.30
23660	Over-Running Coupler Extension; max 1000 RPM	1-3/8" X 6	1-3/8" X 6	4-1/2"	6-3/4"	*	5.20
23670	Over-Running Coupler Extension; max 1000 RPM	1-1/8" X 6	1-3/8" X 6	4-1/8"	6-3/4"	*	5.50
23529	Quick Release Extender - 21 spline 1000 RPM	1-3/8" X 21	1-3/8" X 21	4-1/8"	7"	75	3.20
23531	Quick Release - 21 Spline 1000 RPM to 6 spline 540 RPM	1-3/8" X 21	1-3/8" X 6	4-1/2"	7"	75	3.50
23539	Quick Release - 6 Spline 540 RPM to 21 spline 1000 RPM	1-3/8" X 6	1-3/8" X 21	4-1/2"	7"	75	3.70
23556	Quick Release Extender - 6 spline 540 RPM	1-3/8" X 6	1-3/8" X 6	4-1/2"	7"	75	2.80
23335	Set Screw Type	1-3/4" X 20	1-3/8" X 6	4-1/2"	7-1/8"	100	3.70
23336	Set Screw Type	1-3/4" X 20	1-3/8" X 21	4-1/2"	7-1/8"	100	3.90
23676	Splined shaft for use with Gresen pump	1-3/8" X 6	1-3/8" X 6	11-5/8"	15"	75	6.00

Standard Package = 1 piece

PTO ADAPTER ACCESSORIES

Clamshell P/N

P/N	DESCRIPTION	WEIGHT
31395	Yoke Pin Assembly 1-3/8" X 6	0.10
31396	Yoke Pin Assembly 1-3/8" X 21	0.13

Standard Package = 1 piece

Bagged P/N

P/N	DESCRIPTION	WEIGHT
21395	Yoke Pin Assembly 1-3/8" X 6	0.09
21396	Yoke Pin Assembly 1-3/8" X 21	0.13
23680	Slotted Spring Pins for 23660 & 23670; 5/16" X 2" 5/bag	0.14

Standard Package = 1 piece

* NOTE: The over-running coupler is an essential part of PTO drive on rotary mowers, bailers, hay conditioners or any implement where inertia of driven unit may be required to over-run driving source. The coupler drives solidly from tractor to implement and free wheels smoothly when implement exceeds tractor PTO speed. All dimensions are nominal.

IMPORTANT: Use of PTO adapters may extend PTO shaft's length and require additional guarding to prevent serious injuries.



LINKAGE PARTS



LIFT ARM

WELD-ON REPAIR END

- High quality weld-on lift arm and top link repair ends
- Category 1, 2 or 3

TOP LINK

P/N	DESCRIPTION	CATEGORY	HOLE DIAMETER	OVERALL LENGTH	STANDARD PACKAGE	WEIGHT
22642	Forged	1	3/4"	3-1/8"	4	1.00
22643	Forged	2	1"	3-3/4"	4	1.80
22645	Forged	3	1-1/4"	5-1/4"	1	4.50

P/N	DESCRIPTION	CATEGORY	HOLE DIAMETER	OVERALL LENGTH	STANDARD PACKAGE	WEIGHT
22622	Straight, Lower	1	7/8"	4-1/2"	1	1.80
22668	Bent	1	7/8"	5-1/2"	1	2.00
22671	Straight, Lower	2	1-1/8"	5"	1	3.30
22670	Bent	2	1-1/8"	5-3/4"	1	2.70
22683	Straight	3	1-7/16"	5-1/2"	1	3.50

TOP LINK THREADED REPAIR END

- Screw-in repair ends for Category 1, 2 and 3 top links
- Zinc plated finish
- Forged



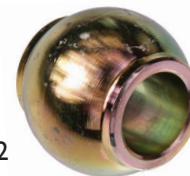
22651

P/N	CATEGORY	HOLE DIAMETER	OVERALL LENGTH	THREAD LENGTH	THREAD	WEIGHT
22648	1	3/4"	10"	6"	1-1/8" NC (RH)	2.40
22649	1	3/4"	10"	6"	1-1/8" NC (LH)	2.40
22650	2	1"	11"	6-1/2"	1-1/8" NC (RH)	3.30
22651	2	1"	11"	6-1/2"	1-1/8" NC (LH)	3.30
22653	2 Heavy Duty	1"	10"	5-1/2"	1-1/4" NC (RH)	4.00
22654	2 Heavy Duty	1"	10"	5-1/2"	1-1/4" NC (LH)	3.30
22656	3	1-1/4"	12-1/8"	7-1/4"	1-3/8" NC (RH)	6.00
22657	3	1-1/4"	12-1/8"	7-1/4"	1-3/8" NC (LH)	6.00

Standard Package = 1 piece

REPLACEMENT BALL

- Replacement balls for top links and lift arms
- Zinc plated to resist corrosion



22442

P/N	DESCRIPTION	HOLE DIAMETER	BALL DIAMETER	HOLE LENGTH	WEIGHT
22441	Top Link Cat 1 JD/Oliver	3/4"	2"	1-3/4"	1.10
22442	Top Link Cat 2 JD/Oliver	1"	2"	1-3/4"	0.90
22443	Lift Arm Cat 1 Ford	7/8"	2-1/4"	1-3/8"	1.20
22444	Lift Arm Cat 2 Ford	1-1/8"	2-1/4"	1-3/4"	1.10
22445	Lift Arm Cat 1 Oliver	7/8"	2"	1-3/8"	0.70
22446	Lift Arm Cat 2 Oliver	1-1/8"	2"	1-3/4"	0.70
22447	Lift Arm Cat 2 Ford	1-1/8"	2-1/4"	1-3/8"	0.90

Standard Package = 6 pieces

BALL SOCKET

- Weld-on top link and lift arm ball sockets
- Fits Category 0 through 3 tractors 22411
- Plain or zinc plated



TOP LINK



22877

LIFT ARM

PLAIN P/N	ZINC PLATED P/N	CATEGORY	BORE LENGTH	HOLE SIZE	OUTSIDE SLEEVE	WEIGHT
22460		0	1"	5/8"	2"	0.60
22413	22813	1*	1-5/8"	3/4"	2"	0.70
22470	22870	1* HD	1-5/8"	3/4"	2-1/8"	0.70
22472	22872	1 HD	1-3/8"	3/4"	2-3/8"	0.90
22474	22874	1 & 2	1-1/4" & 1-1/2"	3/4" & 1"	2-3/8"	0.80
22476	22876	2	1-1/4"	1"	2-3/8"	0.80
22477	22877	2	1-3/32"	1"	2-3/8"	0.70
22411	22811	2*	1-3/4"	1"	2-3/8"	0.90
22473	22873	2 HD	1-3/4"	1"	2-3/4"	1.80
22478	22878	3	1-3/4"	1-1/4"	3-1/8"	1.80

Standard Package = 1 piece

* With Shoulder

PLAIN P/N	ZINC PLATED P/N	CATEGORY	BORE LENGTH	HOLE SIZE	OUTSIDE SLEEVE	WEIGHT
22421	22821	1	1-3/8"	7/8"	2-3/8"	0.90
22482	22882	1 & 2	1-3/4"	7/8" & 1-1/8"	2-3/4"	1.40
22483	22883	1 & 2	1-3/4"	7/8" & 1-1/8"	3-1/8"	1.70
22422	22822	2	1-5/16"	1-1/8"	2-3/8"	0.80
22485	22885	2	1-3/4"	1-1/8"	3-1/8"	1.90
22486	22886	2	1-3/4"	1-1/8"	2-3/4"	1.60
22487	22887	3	1-3/4"	1-7/16"	3-1/2"	2.40



24202

LIFT ARM STABILIZER ASSEMBLY

- Yellow zinc plated

P/N	OPEN LENGTH	CLOSED LENGTH	THREAD	FITS	WEIGHT
24202	17-1/2"	13"	12MM	Cub Cadet 5000 Series utility tractor. Utility tractors manufactured by MTD.	1.20

Standard Package = 1 piece

LIFT ARM

- Right hand or left hand lift arm
- Fits: all Ferguson models; Ford 2N, 8N, 9N, NAA; M-F 35, 50; Oliver 550 & 3-point conversion; JD 1010
- Painted black



24198

P/N	CATEGORY	OVERALL LENGTH	PIN HOLE	BALL CENTERS	WEIGHT
24198	1	34-1/2"	7/8"	31-3/4"	12.25

Standard Package = 1 piece

STAY STRAP

- Used to maintain an implement at a set height with lift arms
- Painted black



24191

P/N	DESCRIPTION	CATEGORY	WEIGHT
24191	Upper	1	2.80
24192	Lower	1	2.40

Standard Package = 1 piece

LIFT ARM LEVEL ASSEMBLY (CATEGORY 1)

P/N	LENGTH	HOLE CENTER ADJUSTMENT	FITS	THREAD	WEIGHT
24180	19-1/2"	15-1/4" - 17-1/2"	Cub Cadet 5000 Series utility tractor. Utility tractors manufactured by MTD.		3.75
24181	18"	13-1/2" - 18"	Cub Cadet 5000 Series utility tractor. Utility tractors manufactured by MTD.	3/4"	4.40
24182	19-1/4"	18-1/2" - 25"	Old Ford/Ferguson. Replaces Ford NCA 577A.	7/8"	6.60

Standard Package = 1 piece

STABILIZER ARM

- Yellow zinc plated



24159

P/N	DESCRIPTION	CENTER	FITS	THREAD	WEIGHT
24159	Adjustable Heavy Duty Forged	28-1/2" to 36"	All Ferguson models; Ford: 2N, 8N, 9N, NAA, 600; MF: 35, 50, 175, 65, 135, 150, 165, 180.	20MM	6.50

Standard Package = 1 piece

LINKAGE PARTS



STABILIZER ARM (CATEGORY 1)

- Increase stability of tractor arms
- Thickness: 3/8"
- Pin Hole: 7/8"
- Painted black

P/N	DESCRIPTION	HOLES ON CENTER	WIDTH	FITS	WEIGHT
24176	Flat Bar RH/LH	31-9/16"	1-3/4"	Ford & Ferguson Stabilizer Kits	6.00
24177	Flat Bar RH/LH	33-1/8"	1-3/4"	Replaces MF: ST96362358	6.40
24178	Flat Bar	31" & 33-1/8"	1-3/4"	Universal	5.90
24185	Flat Bar LH	31-5/8"	2"	Ford: 2000, 3000	6.00
24186	Flat Bar RH	31-5/8"	2"	Ford: 2000, 3000	6.50

Standard Package = 1 piece

STABILIZER ARM BRACKET

- Painted black



P/N	DESCRIPTION	FITS	WEIGHT
24175	Right or Left Universal	Ferguson/Ford Stabilizer Kits	3.70

Standard Package = 1 piece

STABILIZER PIN W/NUT & WASHER

- Yellow zinc plated



P/N	DESCRIPTION	DIAMETER	USABLE LENGTH	OVERALL LENGTH	THREAD	WEIGHT
21281	Stabilizer Pin	7/8"	3/8"	2-5/8"	5/8"	0.40
21282	Stabilizer Pin	7/8"	1/2"	2-7/8"	5/8"	0.42
21284	Stabilizer Pin	7/8"	1/2"	3-1/8"	3/4"	0.57
21283	Anchor Pin	7/8"	1"	3-1/8"	5/8"	0.40

Standard Package = 12 pieces

P/N	DESCRIPTION	DIAMETER	USABLE LENGTH	OVERALL LENGTH	THREAD	WEIGHT
31281	Stabilizer Pin	7/8"	3/8"	2-5/8"	5/8"	0.80
31282	Stabilizer Pin	7/8"	1/2"	2-7/8"	5/8"	0.82
31284	Stabilizer Pin	7/8"	1/2"	3-1/8"	3/4"	1.14
31283	Anchor Pin	7/8"	1"	3-1/8"	5/8"	0.80

Clamshell 2/pack Standard Package = 1 pack



TRACTOR STABILIZER KIT

P/N	DESCRIPTION	WEIGHT
24111	Contains: 2 P/N 24175; 2 P/N 24176; 2 P/N 21281; 2 P/N 21940	21.90

Standard Package = 1 kit



CLEVIS PIN TYPE (NON-THREADED)

- Yellow zinc plated

P/N	CATEGORY	SHAFT DIAMETER	USABLE LENGTH	OVERALL LENGTH	STANDARD PACKAGE	WEIGHT
21289	1	7/8"	4-3/4"	6"	6	0.90
21295	2	1-1/8"	3-3/8"	4-3/4"	6	1.30
21290	2	1-1/8"	4-3/4"	6-1/4"	6	1.76
21291	2	1-1/8"	7-5/8"	9-1/4"	4	2.50
21293	2-3	1-1/8" & 1-7/16"	3-1/2" & 4-1/2"	9-1/4"	4	3.85
21292	3	1-7/16"	4-11/16"	6-1/4"	4	2.80

SWINGING DRAWBAR PIN

- Yellow zinc plated



P/N	SHAFT DIAMETER	OVERALL LENGTH	FITS	WEIGHT
21288	7/8"	3-3/8"	Ford 2N, 8N, 9N, NAA, 630, 631, 640, 641, 650, 651, 660, 661, Ferguson T020, TP030, MF35 & 50	0.50

Standard Package = 4 pieces

DRILL DRAG CHAIN



P/N	DESCRIPTION	RING DIAMETER	RING THICKNESS	WEIGHT
24200	Fits standard seed drills	3-1/2"	1/2"	1.60

Standard Package = 1 piece

EXHAUST WEATHER CAP

- Fit most tractors, equipment and engines
- Balanced to close tightly
- Gray powder coat finish



28038

P/N	MINIMUM EXHAUST OUTSIDE DIAMETER	WEIGHT
28031	1"	0.60
28032	1-1/4"	0.60
28033	1-1/2"	0.62
28034	1-3/4"	0.60
28035	2"	0.90
28036	2-1/4"	0.92
28037	2-1/2"	0.92
28038	2-3/4"	1.00
28039	3"	1.18
28040	3-1/4"	1.20
28041	3-1/2"	1.40
28042	3-3/4"	1.46
28043	4"	1.52
28044	4-1/4"	1.52
28045	4-1/2"	1.75
28046	5"	2.00

Standard Package = 1 piece

HANGER STRAP

- 10' length

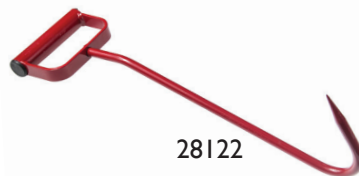


58024

P/N	DESCRIPTION	WEIGHT
58024	3/4" X 24 GA Galvanized	0.70
58028	3/4" X 28 GA Galvanized	0.55
58030	3/4" X 20 GA Galvanized	1.05
58032	3/4" X 18 GA Galvanized	1.05

Standard Package = 1 strap

HAY HOOK



28122

P/N	LENGTH	WEIGHT
28121	11"	1.04
28122	16-7/8"	1.27

Standard Package = 1 piece

MANIFOLD CLAMP



18189

P/N	WEIGHT
18189	0.20

Standard Package = 1 piece

QUICK HITCH ADAPTER KIT



10219

- Heavy duty adapter precision machined from hardened steel
- Yellow zinc plated

P/N	DESCRIPTION	CATEGORY	WEIGHT
10228	2 Slotted Spring Pins 7/16" X 1-1/2"		0.08
10219	2 Adapters 7/8" ID, 1-1/8" OD X 4" 2 Slotted Spring Pins 7/16" X 1-1/4"	1-2	2.20
10222	2 Adapters 7/8" ID, 1-7/16" OD X 4" 2 Slotted Spring Pins 7/16" X 1-1/2"	1-3	3.20
10226	2 Adapters 1-1/8" ID, 1-7/16" OD X 2-3/4" 2 Slotted Spring Pins 7/16" X 1-1/2"	2-3	2.30

Standard Package = 1 kit

QUICK HITCH



P/N	DESCRIPTION	WIDTH	WEIGHT
10710	Designed to fit most Category 1 tractors and implements. Top link bracket is adjustable, includes 7/8" mounting pins.	27-1/4"	77.00
10720	Designed to fit most Category 2 tractors and implements. Top link bracket is adjustable, includes 1-1/8" mounting pins.	32"	142.00
10730	Designed to fit most Category 3 tractors and implements. Includes 1-7/16" mounting pins.	38"	185.00

SET COLLAR

- Heavy duty precision machined for quality fit and ease of installation
- Fitted with Allen head set screw
- Packaged in individual plastic bag
- Clear zinc plated



P/N	DESCRIPTION	INSIDE DIAMETER	OUTSIDE DIAMETER	WIDTH	WEIGHT
10608	SC250	1/4"	1/2"	5/16"	0.01
10609	SC312	5/16"	5/8"	5/16"	0.02
10610	SC375	3/8"	3/4"	3/8"	0.04
10611	SC437	7/16"	7/8"	7/16"	0.05
10612	SC500	1/2"	1"	7/16"	0.08
10613	SC562	9/16"	1"	7/16"	0.11
10614	SC625	5/8"	1-1/8"	9/16"	0.12
10616	SC750	3/4"	1-1/4"	9/16"	0.14
10617	SC812	13/16"	1-5/16"	9/16"	0.16
10618	SC875	7/8"	1-1/2"	9/16"	0.18
10620	SC937	15/16"	1-5/8"	9/16"	0.20
10622	SC1000	1"	1-5/8"	9/16"	0.23
10623	SC1062	1-1/16"	1-3/4"	5/8"	0.25
10624	SC1125	1-1/8"	1-3/4"	11/16"	0.32
10626	SC1187	1-3/16"	2"	11/16"	0.44
10628	SC1250	1-1/4"	2"	11/16"	0.35
10630	SC1375	1-3/8"	2-1/8"	3/4"	0.50
10632	SC1437	1-7/16"	2-1/4"	3/4"	0.60
10634	SC1500	1-1/2"	2-1/4"	3/4"	0.65
10636	SC1625	1-5/8"	2-1/2"	13/16"	0.66
10638	SC1750	1-3/4"	2-5/8"	7/8"	0.73
10640	SC1875	1-7/8"	2-3/4"	7/8"	0.78
10641	SC1937	1-15/16"	3"	7/8"	1.01
10642	SC2000	2"	3"	7/8"	1.03

Standard Package = 1 bag



STROKE CONTROL SEGMENTS

- To control the stroke on air or hydraulic cylinders
- Finger tabs
- Clamshell package

P/N	FITS	SEGMENTS	WEIGHT
22388	Shaft Sizes 1-1/8" & 1-1/2"	3/4", 1", 1-1/4", 1-1/2"	2.14
22389	Shaft Sizes 1-3/4" & 2"	1", 1-1/2", 2", 4-1/4"	3.70

Standard Package = 1 piece

TRUCK/TRAILER ANCHOR

- Installs in stake pocket
- Turn eye to expand rubber block and hold in the pocket



P/N	DESCRIPTION	WEIGHT
24101	Anchor Point Chrome Plated	0.80
24119	Anchor Point Eyebolt, Zinc Plated	0.70
34101	Anchor Point in Clamshell	0.90

Standard Package = 1 piece

WHEELSPINNER

- Fits most tractors and trucks
- Clamshell package



P/N	DESCRIPTION	WEIGHT
26945	Wood	0.40
26950	Black	0.60
26951	Red	0.60
26952	Blue	0.60
26953	Yellow	0.60
26954	Green	0.60
26960	Aluminum	0.60

Standard Package = 1 piece

WIRE PIPE HOOK



P/N	DESCRIPTION	WEIGHT
40100	1/2 X 4 9GA	0.06

Standard Package = 50 pieces