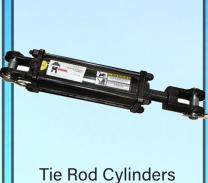
Agmate®





















Meeting All Your Ag Components and Tillage Needs

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Grizzly®Operator Manual Canisters



From hard back manuals to European sized A-4 paper, the Agmate line of canisters are designed to accommodate and protect a wide range of information packets printed in various shapes and sizes.



- All Canisters meet 2004 SAE J232 specifications.
- Safety diagrams are bake painted bright yellow for easy and quick identification.
- Molded from high density polypropylene which resists weather and impact damage.
- Neoprene seal locks out unwanted water and dirt from entering the internal chamber.
- Molded holes offer an easy and effective mounting solution.
- <u>All</u> Agmate Canisters accommodate paper sizes up to European A-4.

Product Specifications (Sold in box and pallet quantities only.)

Part #	Description	Length x Diameter	Box / Pallet
109315	Small Canister	12.5" x 2.5"	50pcs / 500pcs



Part #	Description	Length x Diameter	Box / Pallet
109316	Large Canister	12" x 3.5"	20pcs / 360pcs
109319	Large Canister - No Printing	12" x 3.5"	20pcs / 360pcs



Part #	Description	Length x Diameter	Box / Pallet
109314	International Style	12.5" x 3.5"	20pcs / 360pcs



^{*}International canister includes pictographs only (no wording).

Part #	Description	Length x Diameter	Box / Pallet
109317	Mega Canister	12.5" x 4.5"	20pcs / 160pcs



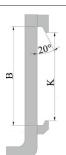
Part #	Description Length x Diameter		Box / Pallet
109318	Box Canister	14.5" x 1.25" Thick 11" Wide	20pcs / 160pcs



Agmate® Pallet Forks







Class 1A Pallet Forks (Hook Mount) ("B"= 13.03") ("K"= 12.04")

Part #	Length	Thickness	Width	Weight	Capacity/Pair
#104253	36"	1"	3"	47 lbs.	1,320 lbs.
#83806	42"	1.18"	3.15	73 lbs.	2,200 lbs.

Class 2A Pallet Forks (Hook Mount) ("B"= 16.02") ("K"= 15.03")

Part #	Length	Thickness	Width	Weight	Capacity/Pair
111802	36"	1"	2.95"	42 lbs.	1,320 lbs.
109158	36"	1.18"	3.15"	65 lbs.	2,200 lbs.
104924	36"	1.25"	3.94"	76 lbs.	4,000 lbs.
80957	36"	1.38"	3.94"	86 lbs.	4,400 lbs.
111803	42"	1"	2.95"	65 lbs.	1,320 lbs.
90222	42"	1.18"	3.15"	73 lbs.	2,200 lbs.
104925	42"	1.25"	3.94"	83 lbs.	4,000 lbs.
80490	42"	1.38"	3.94"	93 lbs.	4,400 lbs.
83800	42"	1.57"	3.94"	101 lbs.	5,500 lbs.
104926	48"	1.25"	3.94"	93 lbs.	4,000 lbs.
80489	48"	1.38"	3.94"	102 lbs.	4,400 lbs.
83801	48"	1.57"	3.94"	112 lbs.	5,500 lbs.
80491	48"	1.77"	3.94"	130 lbs.	6,600 lbs.
87132	60"	1.57"	3.94"	132 lbs.	5,500 lbs.
101691	72"	1.57"	4.72"	183 lbs.	6,600 lbs.
117153	48"	2"	2"	77 lbs.	3,750 lbs.

Class 3A Pallet Forks (Hook Mount) ("B"= 20") ("K"= 18.78")

Part #	Length	Thickness	Width	Weight	Capacity/Pair
86532	48"	1.77"	4.72"	133 lbs.	7,900 lbs.
86533	60"	1.77"	4.72"	185 lbs.	7,900 lbs.
116548	60"	1.97"	4.92"		11,000 lbs.
116549	72"	1.97"	4.92"		11,000 lbs.

* All forks have a minimum safety factor of 3 times the rated load capacity

* All capacity ratings are per pair, and Agmate forks are stamped per individual fork
load capacity as per ANSI B56.1-2012

Agmate® Pallet Forks



Pallet Forks Sold in Pairs Only

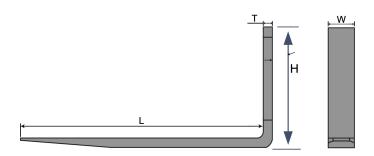


"Blank" Pallet Forks

Part #	Length	Thickness	Width	Height	Capacity/Pair
88481	42"	1.18"	3.15"	21.5"	2,200 lbs.
88482	42"	1.18"	3.15"	30"	2,200 lbs.
83802	42"	1.38"	3.94"	21.5"	4,400 lbs.
83804	42"	1.57"	3.94"	21.5"	5,500 lbs.
88079	42"	1.75"	3.94"	33.5"	6,600 lbs.
87131	42"	1.75"	4.72"	25.6"	7,900 lbs.
83803	48"	1.38"	3.94"	21.5"	4,400 lbs.
88084	48"	1.38"	3.94"	36"	4,400 lbs.
83805	48"	1.57"	3.94"	21.5"	5,500 lbs.
88080	48"	1.57"	3.94"	33.5"	5,500 lbs.
88082	48"	1.57"	3.94"	41.5"	5,500 lbs.
88081	48"	1.75"	3.94"	33.5"	6,600 lbs.
88083	48"	1.75"	3.94"	41.5"	6,600 lbs.
107795	60"	1.96"	3.94"	48"	8,100 lbs.

Carriage Bars

Part #	Length	Thickness	Height	Spacing
126260	44"	40mm	66mm	3 notches on each side on 6" spacing



Part #	Description
80960	Latch kit for Class 1A and Class 2A Forks Only
108954	Latch kits complete for 2A Forks Only
118220	Latch kits complete for 3A Forks Only
Part #	Description
90642	Weld On - Class 2A Upper Hooks w/ Latches (2pcs)
90643	Weld On - Class 2A Lower Hooks (2pcs)
117024	JD Latch Hooks for loader and skid steer frame



* All forks have a minimum safety factor of 3 times the rated load capacity

* All capacity ratings are per pair, and Agmate forks are stamped per individual fork
load capacity as per ANSI B56.1-2012





Available in bore sizes from 2" through 4" and stroke sizes from 4" to 60". Individual pressure testing to 3750 PSI and durable materials such as high-tensile steel help Grizzly Cylinders withstand the toughest of conditions. Custom sizes are available via special order. Please contact Dick Jones & Associates for more information.

Benefits of the Grizzly® Cylinder

- Pins are high tensile steel and zinc plated
- Clevis Bolts are grade 5 for extra strength
- O-Rings are high standard to eliminate leakage
- Rods are 1045 high strength steel and hard chrome plated
- Dual NPT ports in line with the clevis pins for greater flexibility
- Piston seal is a Nitrile 90 durometer "O" ring with an anti extrustion back up washer
- Tie rods are high tensile steel to prevent failure under high pressure
- Wiper seal is a Nitrite rubber
- Rod cap and end clevis are made of ductile Iron
- Split backup ring to protect "O" ring for lasting operation
- 3,000 PSI cylinders with SAE ports available via special order

2,500 PSI Tie-Rod Cylinders

Certified independent lab testing verifies the Grizzly Brand Cylinder meets or exceeds industry standards for salt spray, pressure, burst and dimensional specifications for 2500 PSI tie rod cylinders.



2 Year Limited Warranty

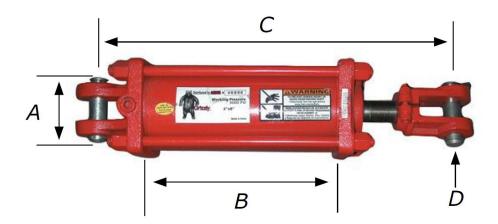
All Grizzly cylinders, being used within normal agricultural standards, shall be warranted against failure caused by defective materials or workmanship within the first 2 years from the date of purchase. If a cylinder is determined to be defective it will be repaired, replaced, or credited to the customer. Repair parts are available for all Grizzly cylinders.



How to Identify a Cylinder by Measuring

To get the bore or diameter of the cylinder: Measure from the center of one tie rod to the center of the other. See A in the picture below. In our example, the bore or diameter is 4".

- To get the stroke distance of the cylinder: Measure the distance between the two end caps along the barrel shaped portion, then deduct 2". See B in the picture below. In our example, the distance between the two ends caps is 10". Since 10" minus 2" equals 8", then the stroke distance is 8".
- To get the retracted length: With the cylinder closed, measure the distance from the center of one attaching pin to the center of the attaching pin on the other end. See C in the picture below. In our example, this measurement is 201/4".
- **D** Determine the pin diameter.



ASAE is the American Society of Agricultural Engineers. If the cylinder has these markings on it, it is an industry standard, which means that whatever brand it is, the dimensions are the same.







2,500 PSI Tie Rod Cylinders

- Double-acting application.
- 2,500 PSI model is designed to withstand shock loads of up to 5,000 PSI.
- Durable cast ductile iron components.
- Ideal for Ag and industrial applications.
- Special order sizes available upon request.
- Black standard. Red available upon request.
- NPTF Ports. SAE-8 available upon request.

ASAE Tie-Rod Cylinders

Part #	Bore	Stroke	Rod Diameter	Retracted Length	Pin Diameter	Ports
87058	2"	8"	11/8"	201⁄4"	1"	3/8" NPTF
87068	21/2"	8"	11/8"	201⁄4"	1"	3/8" NPTF
87078	3"	8"	11/4"	201⁄4"	1"	1/2" NPTF
87083	3"	16"	1½"	31½"	11/4"	1/2" NPTF
87091	3½"	8"	11/4"	201⁄4"	1"	1/2" NPTF
87094	3½"	16"	11/2"	31½"	11/4"	1/2" NPTF
87071	4"	8"	11/4"	201⁄4"	1"	1/2" NPTF
87104	4"	16"	13/4"	31½"	11/4"	1/2" NPTF

Standard Tie-Rod Cylinders

Part #	Bore	Stroke	Rod Diameter	Retracted Length	Pin Diameter	Ports
88440	2"	4"	11/8"	141⁄4"	1"	3/8" NPTF
87057	2"	6"	11/8"	161⁄4″	1"	3/8" NPTF
87059	2"	8"	11/8"	181⁄4″	1"	3/8" NPTF
87060	2"	10"	11/8"	201⁄4"	1"	3/8" NPTF
87061	2"	12"	11/8"	221/4"	1"	3/8" NPTF
90345	2"	14"	11/8"	241/4"	1"	3/8" NPTF
87063	2"	16"	11/8"	261/4"	1"	3/8" NPTF
89817	2"	20"	11/8"	301/4"	1"	3/8" NPTF
87064	2"	24"	11/8"	341/4"	1"	3/8" NPTF
87066	2"	30"	11/8"	401/4"	1"	3/8" NPTF
90503	21/2"	5"	11/8"	151⁄4″	1"	3/8" NPTF
89439	2½"	8"	11/8"	181⁄4"	1"	3/8" NPTF
87069	21/2"	10"	11/8"	201⁄4"	1"	3/8" NPTF
87070	2½"	12"	11/8"	221/4"	1"	3/8" NPTF
87071	21/2"	14"	11/8"	241/4"	1"	3/8" NPTF
87072	21/2"	16"	11/8"	261/4"	1"	3/8" NPTF
87073	21/2"	20"	11/4"	301/4"	1"	3/8" NPTF
87074	21/2"	24"	11/4"	341/4"	1"	3/8" NPTF
87076	2½"	36"	11/4"	461/4"	1"	3/8" NPTF

Continued on next page C-4

2 Year Limited Warranty

All Grizzly cylinders, being used within normal agricultural standards, shall be warranted against failure caused by defective materials or workmanship within the first 2 years from the date of purchase. If a cylinder is determined to be defective it will be repaired, replaced, or credited to the customer. Repair parts are available for all Grizzly cylinders.







2,500 PSI Tie Rod Cylinders

- Double-acting application.
- 2,500 PSI model is designed to withstand shock loads of up to 5,000 PSI.
- Durable cast ductile iron components.
- Ideal for Ag and industrial applications.
- Speacial order sizes available upon request.
- Black standard. Red available upon request.
- NPTF Ports. SAE-8 available upon request.

Standard Tie-Rod Cylinders

Part #	Bore	Stroke	Rod Diameter	Retracted Length	Pin Diameter	Ports
101070	3"	4"	11/4"	141/4"	1"	1/2" NPTF
87077	3"	6"	11/4"	161/4"	1"	1/2" NPTF
87079	3"	8"	11/4"	181⁄4"	1"	1/2" NPTF
87080	3"	10"	11/4"	201/4"	1"	1/2" NPTF
87081	3"	12"	11/4"	221/4"	1"	1/2" NPTF
87082	3"	14"	11/4"	241/4"	1"	1/2" NPTF
87084	3"	16"	11/4"	261/4"	1"	1/2" NPTF
88427	3"	17"	11/4"	271/4"	1"	1/2" NPTF
87086	3"	18"	11/4"	281/4"	1"	1/2" NPTF
87087	3"	20"	11/2"	301/4"	1"	1/2" NPTF
87088	3"	24"	11/2"	341⁄4"	1"	1/2" NPTF
87089	3"	30"	11/2"	401/4"	1"	1/2" NPTF
87090	3"	36"	11/2"	461/4"	1"	1/2" NPTF
87092	3½"	10"	11/4"	201/4"	1"	1/2" NPTF
87093	3½"	12"	11/4"	221/4"	1"	1/2" NPTF
87095	3½"	16"	11/4"	261/4"	1"	1/2" NPTF
87097	3½"	24"	11/2"	341⁄4"	1"	1/2" NPTF
87098	3½"	30"	11/2"	401/4"	1"	1/2" NPTF
87099	3½"	36"	11/2"	581⁄4"	1"	1/2" NPTF
87102	4"	10"	11/2"	201/4"	1"	1/2" NPTF
90346	4"	12"	11/2"	221/4"	1"	1/2" NPTF
87105	4"	16"	11/2"	261/4"	1"	1/2" NPTF
88420 (Red)	4"	24"	11/2"	261/4"	1"	1/2" NPTF
88442	4"	24"	2"	341⁄4"	1"	1/2" NPTF
87106	4"	24"	2"	403/8"	1"	1/2" NPTF
87107	4"	30"	2"	401/4"	1"	1/2" NPTF
87108	4"	36"	2"	461⁄4"	1"	1/2" NPTF

2 Year Limited Warranty

All Grizzly cylinders, being used within normal agricultural standards, shall be warranted against failure caused by defective materials or workmanship within the first 2 years from the date of purchase. If a cylinder is determined to be defective it will be repaired, replaced, or credited to the customer. Repair parts are available for all Grizzly cylinders.



Rod Clevises

Part #	Cylinder Bore	Fits Rod Size	Rod Thread	Pin Hole Size
102105	2"	11/8"	12-UNF	1"
102108	3"	11/4"	12-UNF	1"
102110	31/2"	11/2"	12-UNF	1"
107154	4"	2"	12-UNF	1"



Base Clevises

Part #	Fits Bore Size	Pin Hole Size
102128	2"	1"
102129	2.5"	1"
102130	3"	1"
102131	3.5"	1"
102132	4"	1"



Rod Caps

Part #	Fits Bore Size	Fits Rod Size
102114	2"	11/8″
102115	2.5"	11/8″
102116	2.5"	11⁄4″
102117	3"	11⁄4″
102118	3"	11/2"
102119	3.5"	11⁄4″
102120	3.5"	11/2"
102121	4"	11/2"
102122	4"	13/4"
102123	4"	2"



Repair Seal Kits

Part #	Fits Bore Size	Fits Rod Size
102089	2"	11⁄8″
102101	2.5"	11⁄8″
102102	2.5"	11⁄4″
102093	3"	1½"
102094	3.5"	11⁄4″
102095	3.5"	1½"
102096	4"	11⁄4″
102103	4"	1½"
102098	4"	13⁄4″
102099	4"	2"





Clevis Pins

Part #	Description	Overall	Usable	Used On
102170	1" clevis pin with 2 clips	3.39"	2.64"	All Grizzly Tie Rod 2,500 PSI Cylinders with 1" pins
102171	11/4" clevis pin with 2 clips	3.39"	2.64"	All Grizzly Tie Rod 2,500 PSI Cylinders with 11/4" pins
63512			Replacem	nent "R" clip



Breather Plugs

Part #	Description	Size	
90614	Breather Plug	3/8" NPT	
90501	Breather Plug	1/2" NPT	



Cylinder Rods

Part #	Description	Rod Diameter	Cylinder Stroke
102138	ASAE-Rod	11/8"	8"
102147	ASAE-Rod	11/4"	8"
102152	ASAE-Rod	11/4"	16"
102165	ASAE-Rod	2"	16"
102137	Standard-Rod	11/8"	6"
102139	Standard-Rod	11/4"	8"
102148	Standard-Rod	11/4"	8"
102140	Standard-Rod	11/8"	10"
102149	Standard-Rod	11/4"	10"
102157	Standard-Rod	11/2"	10"
102141	Standard-Rod	11/8"	12"
102150	Standard-Rod	11/4"	12"
102158	Standard-Rod	11/2"	12"
102142	Standard-Rod	11/8"	14"
102151	Standard-Rod	11/4"	14"
102143	Standard-Rod	11/8"	16"
102153	Standard-Rod	11/4"	16"
102159	Standard-Rod	1½"	16"
102164	Standard-Rod	13/4"	16"
102144	Standard-Rod	11/8"	20"
102154	Standard-Rod	11/4"	20"
102160	Standard-Rod	11/2"	20"
102145	Standard-Rod	11/8"	24"
102155	Standard-Rod	11/4"	24"
102161	Standard-Rod	1½"	24"
102166	Standard-Rod	2"	24"
102162	Standard-Rod	1½"	30"
102167	Standard-Rod	2"	30"
102146	Standard-Rod	11/8"	30"
102156	Standard-Rod	11/4"	36"
102163	Standard-Rod	1½"	36"
102168	Standard-Rod	2"	36"
102169	Standard-Rod	2"	48"









3,000 PSI Tie Rod Cylinders

- Double-acting application.
- 3,000 PSI model is designed to withstand shock loads of up to 6,000 PSI.
- Durable cast ductile iron components.
- Ideal for Ag and industrial applications.
- Special order sizes available upon request.
- Painted Black.

ASAE Tie-Rod Cylinders

Bore	Stroke	Rod Diameter	Retracted Length	Ports	Pin Diameter
2"	8"	11/8"	201⁄4"	SAE-8	1"
21/2"	8"	11/8"	201⁄4"	SAE-8	1"
3"	8"	11/4"	201⁄4"	SAE-8	1"
3"	16"	11/2"	31½"	SAE-8	11/4"
31/2"	8"	11/4"	201⁄4″	SAE-8	1"
31/2"	16"	11/2"	31½"	SAE-8	11/4"
4"	8"	13/8″	201⁄4"	SAE-8	1"
4"	16"	13/4"	31½"	SAE-8	11/4"

Standard Tie-Rod Cylinders

Bore	Stroke	Rod Diameter	Retracted Length	Ports	Pin Diameter
2"	6"	11/8″	161⁄4″	SAE-8	1"
2"	8"	11⁄8″	181⁄4″	SAE-8	1"
2"	10"	11/8″	201⁄4"	SAE-8	1"
2"	12"	11/8"	221/4"	SAE-8	1"
2"	14"	11/8″	241/4"	SAE-8	1"
2"	16"	11/8"	261/4"	SAE-8	1"
2"	18"	11/8"	281⁄4"	SAE-8	1"
2"	20"	11/8"	301⁄4"	SAE-8	1"
2"	24"	11/8"	341⁄4"	SAE-8	1"
2"	30"	11/8"	401⁄4"	SAE-8	1"
2"	36"	11/8"	461⁄4"	SAE-8	1"
2"	60"	11/4"	701⁄4"	SAE-8	1"
21/2"	6"	11/8"	161⁄4″	SAE-8	1"
21/2"	8"	11/8"	181⁄4″	SAE-8	1"
21/2"	10"	11/8"	201⁄4"	SAE-8	1"
21/2"	12"	11/8"	221/4"	SAE-8	1"
21/2"	16"	11/4"	261/4"	SAE-8	1"
21/2"	18"	11/4"	281⁄4"	SAE-8	1"
21/2"	20"	11/4"	301⁄4"	SAE-8	1"
21/2"	24"	11/4"	341⁄4"	SAE-8	1"
21/2"	30"	11⁄4″	401⁄4"	SAE-8	1"
21/2"	36"	11/4"	461⁄4"	SAE-8	1"



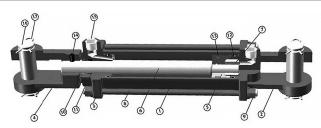
Standard Tie-Rod Cylinders

3,000 PSI Tie Rod Cylinders

Bore	Stroke	Rod Diameter	Retracted Length	Ports	Pin Diameter
3"	6"	11/4"	161/4"	SAE-8	1"
3"	8"	11/4"	181⁄4"	SAE-8	1"
3"	10"	11/4"	201/4"	SAE-8	1"
3"	12"	11/4"	221/4"	SAE-8	1"
3"	16"	1½"	261/4"	SAE-8	1"
3"	18"	1½"	281/4"	SAE-8	1"
3"	20"	1½"	301/4"	SAE-8	1"
3"	24"	1½"	341/4"	SAE-8	1"
3"	30"	1½"	401/4"	SAE-8	1"
3"	36"	1½"	461/4"	SAE-8	1"
31/2"	6"	11⁄4″	161⁄4"	SAE-8	1"
3½"	8"	11⁄4″	181⁄4"	SAE-8	1"
3½"	10"	11/4"	201/4"	SAE-8	1"
3½"	12"	11⁄4″	221/4"	SAE-8	1"
31/2"	16"	1½"	261/4"	SAE-8	1"
31/2"	18"	1½"	281/4"	SAE-8	1"
31/2"	20"	1½"	301/4"	SAE-8	1"
31/2"	24"	1½"	341/4"	SAE-8	1"
31/2"	30"	1½"	401/4"	SAE-8	1"
31/2"	36"	1½"	461/4"	SAE-8	1"
4"	6"	13⁄8″	161⁄4"	SAE-8	1"
4"	8"	13/8"	181⁄4"	SAE-8	1"
4"	10"	13/8"	201/4"	SAE-8	1"
4"	12"	13/8"	221/4"	SAE-8	1"
4"	16"	13/4"	261/4"	SAE-8	1"
4"	18"	13/4"	281/4"	SAE-8	1"
4"	20"	13/4"	301/4"	SAE-8	1"
4"	24"	13/4"	341/4"	SAE-8	1"
4"	30"	2"	401/4"	SAE-8	1"
4"	36"	2"	461/4"	SAE-8	1"







Reference #	Component	Material and Feature	
1	Cylinder Tube	Honed tube provides better ductility.	
2	Clevis Base End	Ductile iron provides excellent ductility and higher impact.	
3	Rod Cap	Ductile iron provides excellent ductility and higher impact.	
4	Clevis Rod End	Ductile iron provides excellent ductility and higher impact.	
5	Piston	Precision machined ductile iron providing a malleable bearing surface for extended cylinder life.	
6	Piston Rod	C1045 high strength steel with hard chrome plated and precision ground & polished, 100 hour salt spray tested.	
7	Piston Nut	Heavy duty and high tensile steel holds piston in place under high cycle loading.	
8	Tie-Rod	C1045 high tensile steel prevent failure under high pressure.	
9	Tie-Rod Nuts	C1045 high tensile steel prevent failure under high pressure.	
10	Rod Wiper	Heavy duty metal encased nitrile preventing contaminants from entering cylinder.	
11	Rod Seal	Polyurethane U-cup double lip, provides positive seal.	
12	Tube Seal	90 durometer polyurethane "o" ring prevents leakage from cylinder.	
13	Piston Seal	90 durometer polyurethane "o" ring provides excellent sealing under high pressure.	
14	Set Screw	Metal screw.	
15	Plug	Metal plug.	
16	Pins	High tensile steel with zinc plated finish.	
17	Pin Clips	High tensile steel with zinc plated finish.	





Standard Welded Cylinders

3,000 PSI Welded TEE Cylinders

- Double-acting application.
- 3,000 PSI model is designed to withstand shock loads of up to 6,000 PSI.
- Cross tube mounting end.
- Durable cast ductile iron components.
- Ideal for Ag and industrial applications.
- Special order sizes available upon request.
- Painted Black.

Bore	Stroke	Rod Diameter	Retracted Length	Ports	Pin Diameter
11/2"	8"	1"	16"	SAE-6	3/4"
11/2"	10"	1"	18"	SAE-6	3/4"
11/2"	12"	1"	20"	SAE-6	3/4"
11/2"	14"	1"	22"	SAE-6	3/4"
11/2"	16"	1"	24"	SAE-6	3/4"
11/2"	18"	1"	26"	SAE-6	3/4"
1½"	20"	1"	28"	SAE-6	3/4"
11/2"	24"	1"	32"	SAE-6	3/4"
2"	8"	11/8"	16"	SAE-6	1"
2"	10"	11/8"	18"	SAE-6	1"
2"	12"	11/8"	20"	SAE-6	1"
2"	14"	11/8"	22"	SAE-6	1"
2"	16"	11/8"	24"	SAE-6	1"
2"	18"	11/8"	26"	SAE-6	1"
2"	20"	11/8"	28"	SAE-6	1"
2"	24"	11/8"	32"	SAE-6	1"
2"	30"	11/4"	38"	SAE-6	1"
2"	36"	11/4"	44"	SAE-6	1"
2"	40"	11/4"	48"	SAE-6	1"
2"	48"	11/4"	56"	SAE-6	1"
21/2"	8"	11/4"	16"	SAE-8	1"
21/2"	10"	11/4"	18"	SAE-8	1"
21/2"	12"	11/4"	20"	SAE-8	1"
21/2"	14"	11/4"	22"	SAE-8	1"
21/2"	16"	11/4"	24"	SAE-8	1"
21/2"	18"	11/4"	26"	SAE-8	1"
21/2"	20"	11/4"	28"	SAE-8	1"
21/2"	24"	11/4"	32"	SAE-8	1"
21/2"	30"	1½"	38"	SAE-8	1"
21/2"	36"	1½"	44"	SAE-8	1"
21/2"	40"	1½"	48"	SAE-8	1"
21/2"	48"	1½"	56"	SAE-8	1"
3"	8"	11/2"	16"	SAE-8	1"
3"	10"	11/2"	18"	SAE-8	1"
3"	12"	11/2"	20"	SAE-8	1"
3"	14"	11/2"	22"	SAE-8	1"
3"	16"	11/2"	24"	SAE-8	1"
3"	18"	11/2"	26"	SAE-8	1"
3"	20"	11/2"	28"	SAE-8	1"

24"

11/2"

32"

SAE-8





Standard Welded Cylinders

3,000 PSI Welded TEE Cylinders

- Double-acting application.
- 3,000 PSI model is designed to withstand shock loads of up to 6,000 PSI.
- Cross tube mounting end.
- Durable cast ductile iron components.
- Ideal for Ag and industrial applications.
- Special order sizes available upon request.
- Painted Black.

Bore	Stroke	Rod Diameter	Retracted Length	Ports	Pin Diameter
3"	30"	11/2"	38"	SAE-8	1"
3"	36"	11/2"	44"	SAE-8	1"
3"	40"	11/2"	48"	SAE-8	1"
3"	48"	11/2"	56"	SAE-8	1"
3½"	8"	13/4"	16"	SAE-8	1"
3½"	10"	13/4"	18"	SAE-8	1"
3½"	12"	13/4"	20"	SAE-8	1"
3½"	14"	13/4"	22"	SAE-8	1"
3½"	16"	13/4"	24"	SAE-8	1"
3½"	18"	13/4"	26"	SAE-8	1"
3½"	20"	13/4"	28"	SAE-8	1"
3½"	24"	13/4"	32"	SAE-8	1"
3½"	30"	13/4"	36"	SAE-8	1"
3½"	36"	13/4"	44"	SAE-8	1"
3½"	40"	13/4"	50"	SAE-8	1"
3½"	48"	13/4"	58"	SAE-8	1"
4"	8"	2"	16"	SAE-8	1"
4"	10"	2"	18"	SAE-8	1"
4"	12"	2"	20"	SAE-8	1"
4"	14"	2"	22"	SAE-8	1"
4"	16"	2"	24"	SAE-8	1"
4"	18"	2"	26"	SAE-8	1"
4"	20"	2"	28"	SAE-8	1"
4"	24"	2"	32"	SAE-8	1"
4"	30"	2"	38"	SAE-8	1"
4"	36"	2"	44"	SAE-8	1"
4"	40"	2"	50"	SAE-8	1"
4"	48"	2"	58"	SAE-8	1"
5"	8"	21/2"	18"	SAE-12	11/4"
5"	10"	2½"	20"	SAE-12	11/4"
5"	12"	21/2"	22"	SAE-12	11/4"
5"	14"	2½"	24"	SAE-12	11/4"
5"	16"	21/2"	26"	SAE-12	11/4"
5"	18"	2½"	28"	SAE-12	11/4"
5"	20"	21/2"	30"	SAE-12	11/4"
5"	24"	2½"	34"	SAE-12	11/4"
5"	30"	2½"	40"	SAE-12	11/4"
5"	36"	2½"	46"	SAE-12	11/4"
	1	1	1	1	

5"

11/4"

11/4"

60"

SAE-12

SAE-12

21/2"

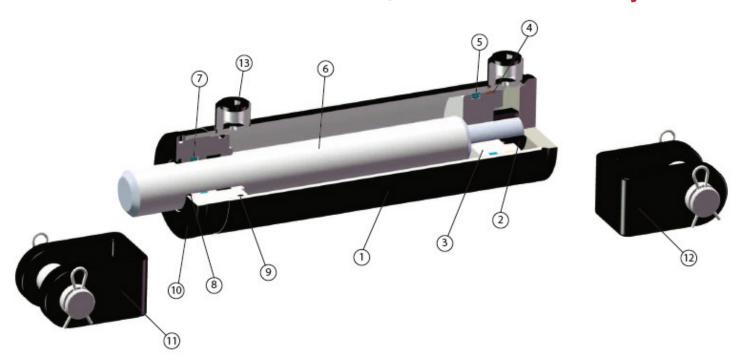
21/2"

40"

48"



3,000 PSI Welded TEE Cylinders



Parts List

Reference #	Component	Material and Feature
1	Cylinder Tube	Honed tube provides better ductility.
2	Piston Nut	Heavy duty and high tensile steel holds piston in place under high cycle loading.
3	Piston	Precision machined ductile iron providing a malleable bearing surface for extended cylinder life.
4	Tube Seal	90 durometer polyurethane "o" ring provides excellent sealing under high pressure.
5	Piston Seal	90 durometer polyurethane "o" ring provides excellent sealing under high pressure.
6	Piston Rod	C1045 high strength steel with hard chrome plated and precision ground & polished, 100 hour salt spray tested.
7	Rod Seal	Polyurethane U-cup double lip, provides positive seal.
8	Rod Wiper	Heavy duty metal encased nitrile preventing contaminants from entering cylinder.
9	Tube Seal	90 durometer polyurethane "o" ring prevents leakage from cylinder.
10	Rod Cap	90 durometer polyurethane "o" ring prevents leakage from cylinder.
11	Rod End	Ductile iron provides excellent ductility and higher impact.
12	Base End	Ductile iron provides excellent ductility and higher impact.
13	Plug	Metal plug.





Agmate® Hydraulic Reservoir

Part #	Description	Length	Width	Height
103583A	2.8 Gallon Capacity	9"	9"	8.86"
103219A	5 Gallon Capacity	17.71"	8.66"	7.87"
104249A Reservoir Cap		Fit's 2.8 an	d 5 gallon rese	rvoir tanks





Cylinder Stroke Control Kits

Part #	Fits Cylinder Rod Size	Spacer Sizes	Material
87334	11/8" and 11/4"	Five Spacers: 3/4", 1", 1/4", and 11/2"(2)	Aluminum
118639	11/8" and 11/2"	Five Spacers: 1"(2), 11/4", 11/2", and 13/4"	Aluminum
107049	7/8" & 1½6"	Four Spacers: 3/4", 1", 11/4", and 11/2"	Aluminum
107050	11/8", 11/4", 13/8", & 11/2"	Four Spacers: 3/4", 1", 11/4", and 11/2"	Aluminum
107051A	1³⁄₄" and 2"	Four Spacers: 1", 1½", 2", and 4¼"	Aluminum
107052	13/8" & 11/2"	Four Spacers: 3/4", 1", 11/4", and 11/2"	Aluminum
107053	11/8" & 11/4"	Four Spacers: 3/4", 1", 11/4", and 11/2"	Aluminum



Agmate® Hydraulic Quick Coupler

Part #	Description	Thread	Flow Rate	Working Pressure
86641	Hydraulic coupler with male ball valve	1/2-14 NPTF	8 gpm	3,000 PSI



Hydraulic Top Links







- Double Action
- Ports: SAE# 8
- Superior Quality
- Hard Chrome Plated Rod
- Working Pressure: 3,000 PSI
- Both Ends Contain Swivel Eyes

Part #	Category	Bore x Stroke	Rod Diameter	Retracted	Pin Diameter
90599	1	2" x 8"	11/8″	191⁄8″	3/4"
84745	2	2.5" x 10"	11/4"	21½"	1"
90571	2	3" x 8"	11/2"	217/8"	1"

SAE to Pipe Adapter (For use on our hydraulic top links.)

Part#	Description
39539	SAE #8 to 1/2" NPTF Adapter





3-TIER PRICING AVAILABLE

- Full Containers: direct ship to east, west, or gulf coast ports
- Volume: 20,000 lb. minimum
 FOB Selma, NC
- Warehouse: \$1,000.00 minimum FOB Selma, NC



OVER 250,000 IN INVENTORY!

Too many sizes, styles, and axle punches available to list.

Please call for a quote based on your usage:



 $\mathsf{Grizzly}^\circ$

- Smooth Plain Blades
- Notched Blades
- Standard Concavities
- Flat Centers
- Rome style with Dimples
- Boron Blades
- Pattern Blades for Hubs

Sizes from 10" to 42" with thickness ranges from 2.75mm (.019) to 12.7mm (.500).

Single and dual combination punches available to accommodate a variety of axle sizes. Bolt patterns also available for hub mounting.

Discs greater than 28" in diameter are made from Boron Steel.

Other sizes available in Boron Steel via Special Order.

Every Grizzly disc blade is made of 1070 cross rolled steel that eliminates cracking.

They are hardened to 38-42 RC range giving a greater flexibility and wear characteristics, and makes these blades the choice of many OEM's for their production lines. Sizes range from 9" to 28". The Grizzly factory is IS09002 certified.

The Agmate Advantage

Blanket Orders welcome. Agmate will make every effort to make sure your needs are in stock for your specified release dates. This keeps your valuable capital free to use until product is needed. We work in partnership with customers' projected needs, assuring you a source for quick shipments.

Cross reference numbers and reference to manufacturers names are not to imply original OEM components.

D-1



Chart of Disc Blade Weights

Diameter (Inches)	Thickness (MM)	Thickness (Gauge)	Weight (lbs.)
16	3	11	6.8
16	3.5	9	7.75
18	3	11	8.92
18	3.5	9	9.07
18	4	8	11.44
18	4.5	7	12.5
20	3.5	9	12.29
20	4.5	7	16
20	5	6	17
22	4	8	16.72
22	4	8	16.72
22	4.5	7	20
22	5	6	22
22	6	3	26.5
24	6	3	33.4
24	6.35	1/4"	34.02
26	6	3	38.28
26	8	5/16"	49
28	8	5/16"	55.73
28	10	3/8"	69.5
30	10	3/8"	77
30	12	1/2"	93.5
32	10	3/8"	85.5
36	10	3/8"	106
36	12.7	1/2"	150.22

Diameter

- To determine the diameter lay blade flat with the cutting edges up.
- The distance from the outside edge to the outside edge is the diameter.
- Examples of diameters: 14" 16" 20" 22" etc.

Convavity

- This refers to the depth of the curvature of the blade.
- Lay the blade on a flat surface with the cutting edges down.
- Measure through the center hole from the flat surface to the inside edge of the blade center.

Thickness

- This refers to the width of the metal of the blade, measured at the axle hole.
- This can be referenced in millimeters (mm) or in gauge (inches).
- See chart to the left:

Chart of Disc Blade Weights



Dual Punch

Square x Square Punch
7/8" square x 1" square
1" square x 1-1/8" square
1-1/8" square x 1-1/4" square
1-1/4" square x 1-1/2" square



Single Punch

Round Single Punch
3/4" round
1-1/2" round
2-1/4" round
2-1/2" round



Dual Punch

Square x Round Punch
7/8" square x 1" square
1" square x 1-1/8" square
1-1/8" square x 1-1/4" square
1-1/4" square x 1-1/2" square



Single Punch

Single Punch
1" square
1-1/8" square
1-1/2" square
2-1/4" square

D-2



Plain/Smooth



Description	Concavity	Hole Punch	
10" 3mm	5/8"	1½" square	
12" 3mm	1"	3/4" round	
14" 3mm	1.25"	3/4" round	
14" 3mm	1.25"	1" square	
14" 4.5mm	1"	1½" square	
14" 4.5mm	1.25"	1½" square	
16" 3mm	1.5"	7/8" square x 1" round	
16" 3mm	1.5"	7/8" square x 1" square	
16" 3mm	1.5"	1" square	
16" 3mm	1.5"	1" square x 11/8" square	
16" 3mm	1.5"	11/8" square x 11/4" square	
16" 3.5mm	1.5"	7/8" square x 1" round	
16" 3.5mm	1.5"	1" square x 11/8" square	
16" 3.5mm	1.5"	1" square x 11/8" square	
16" 4.5mm	1.5"	11/8" square	
16" 4.5mm	1.5"	1½" square	
18" 3mm	1.75"	7/8" square x 1" square	
18" 3mm	1.75"	7/8" square x 1" round	
18" 3mm	1.75"	1" square	
18" 3mm	1.75"	1" square x 11/8" square	
18" 3mm	1.75"	11/8" square x 11/4" square	
18" 3.5mm	1.75"	7/8" square x 1" round	
18" 3.5mm	1.75"	1" square x 11/8" square	
18" 3.5mm	1.75"	1" square x 11/8" round	
18" 3.5mm	1.75"	11/8" square	
18" 3.5mm	1.75"	11/8" square x 11/4" square	
18" 3.5mm	1.75"	1½" round	
18" 4.5mm	1.75"	1" square x 11/8" square	
18" 4.5mm	1.75"	11/8" square	
18" 4.5mm	1.75"	11/8" square x 11/4" square	
18" 4.5mm	1.75"	11/4" square x 11/2" round	
18" 4.5mm	1.75"	1½" round	
18" 4.76mm	1.75"	1½" square	
18" 4.76mm	1.75"	13/4" round	
18" 5mm	1.75"	1½" square	
18" 6.35mm	1.75"	1½" square	
20" 3.5mm	2.25"	1" square	
20" 3.5mm	2.25"	1" square x 11/6" square	
20" 3.5mm	2.25"	1" square x 11/8" square	
20" 3.5mm	2.25"	11/8" square x 11/4" square	
20" 4mm	2.25"	7/8" square x 1" round	
20" 4mm	2.25"	11/8" square	
20" 4.5mm	2.25"		
20" 4.5mm	2.25"	1" square x 11/8" square	
20" 4.5mm	2.25"	11/8" square 11/8" square x 11/4" square	
	2.25"	11/4" square x 11/2 "round	
20" 4.5mm	2,25"	1/4 square x 1/2 round	

Description	Concavity	Hole Punch	
20" 4.5mm	2.25"	1½" square	
20" 4.5mm	2.25"	1¾" round	
20" 5mm	2.25"	11/8" square	
20" 5mm	2.25"	1¼" square x 1½" square	
20" 5mm	2.25"	1½" square	
20" 6mm	2.25"	1½" square x 15/8" round	
20" 6.35mm	2.25"	1½" square	
20" 6.35mm	2.25"	1¾" round	
22" 4mm	2.5"	1" square x 11/8" square	
22" 4.5mm	2.5"	11/8" square	
22" 4.5mm	2.5"	11/8" square x 11/4" square	
22" 4.5mm	2.5"	11/4" square x 11/2" square	
22" 4.5mm	2.5"	11/4" square x 11/2"round	
22" 4.5mm	2.5"	1½" round	
22" 4.5mm	2.5"	1½" square x 1¾" round	
22" 5mm	2.5"	11/8" square	
22" 5mm	2.5"	11/8" square x 11/4" square	
22" 5mm	2.5"	1½" square	
22" 5mm	2.5"	1¾" round	
22" 6mm	2.5"	11/8" square	
22" 6mm	2.5"	11/8" square x 11/4" square	
22" 6mm	2.5"	11/4" square x 11/2" round	
22" 6mm	2.5"	1½" square x 1¾" round	
22" 6.35mm	2.5"	1½" round	
22" 6.35mm	2.5"	1½" square	
22" 6.5mm	2.5"	1½" square x 15/8" round	
24" 5mm	3.25"	1½" round	
24" 5mm	3.25"	1¾" round	
24" 6mm	3.25"	11/8" square x 11/4" square	
24" 6mm	3.25"	11/4" square x 11/2" square	
24" 6mm	3.25"	11/4" square x 11/2"round	
24" 6mm	3.25"	1½" square	
24" 6mm	3.25"	1½" square x 1¾" round	
24" 6mm	3.25"	11/8" square	
24" 6mm	3.25"	1¾" round	
24" 6.35mm	3.25"	1½" square	
24" 6.35mm	3.25"	1½" square x 15/8" round	
24" 6.35mm	2.625"	1½" square x 15/8" round	
24" 8mm	3.25"	1½" square	
26" 6mm	3.825"	11⁄4" square x 11⁄2" square	
26" 6mm	3.825"	1½" square x 15/8" round	
26" 6.35mm	3.825"	1½" square	
26" 8mm	3.825"	1½" square	
26" 8mm	3.825"	1½" square x 15/8" round	
26" 10mm	3.825"	1½" square x 15/8" round	
28" 10mm	4.25"	1½" square x 15/8" round	
30" 10mm	4.75"	1½" round	
32" 10mm	4.75"	21/4" round	

Grizzly® DISC HARROW BLADES



Notched



Description	Concavity	Hole Punch	
12" 3mm	1.25"	3/4" round	
14" 3mm	1.25"	3/4" round	
14" 3mm	1.25"	1" square	
14" 3mm	1.25"	11/8" square	
16" 3mm	1.5"	7/8" square x 1" round	
16" 3mm	1.5"	7/8" square x 1" square	
16" 3mm	1.5"	1" square	
16" 3mm	1.5"	1" square x 11/8" square	
16" 3mm	1.5"	11/8" square x 11/4" square	
16" 3.5mm	1.5"	7/8" square x 1" round	
16" 3.5mm	1.5"	1" square x 11/8" square	
18" 3mm	1.75"	1" square	
18" 3mm	1.75"	1" square x 11/8" square	
18" 3mm	1.75"	7/8" square x 1" square	
18" 3mm	1.75"	7/8" square x 1" round	
18" 3.5mm	1.75"	1" square x 11/8" square	
18" 3.5mm	1.75"	11/8" square	
18" 3.5mm	1.75"	11/8" square x 11/4" square	
18" 3.5mm	1.75"	7/8" square x 1" round	
18" 3.5mm	1.75"	7/8" square x 1" square	
18" 4.5mm	1.75"	11/8" square	
18" 4.5mm	1.75"	11/8" square x 11/4" square	
18" 4.5mm	1.75"	1½" square	
18" 4.75mm	1.75"	1½" square	
18" 6.35mm	1.75"	1½" square	
20" 3mm	2.25"	1" square	
20" 3mm	2.25"	1" square x 11/8" square	
20" 3.5mm	2.25"	7/8" square x 1" square	
20" 3.5mm	2.25"	7/8" square x 1" round	
20" 3.5mm	2.25"	1" square	
20" 3.5mm	2.25"	11/8" square	
20" 3.5mm	2.25"	1" square x 11/8" square	
20" 3.5mm	2.25"	11/8" square x 11/4" square	
20" 4mm	2.25"	1" square x 11/8" square	
20" 4.5mm	2.25"	1" square x 11/8" square	
20" 4.5mm	2.25"	11/8" square	
20" 4.5mm	2.25"	11/8" square x 11/4" square	
20" 4.5mm	2.25"	1½" square	
20" 4.5mm	2.25"	1½" square	
20" 4.76mm	1.75"	1½" square	
20" 6mm	2.5"	1½" square	
20" 6.35mm	2.25"	1½" square	
22" 4mm	2.5"	1" square x 11/8" square	

Description	Concavity	Hole Punch	
22" 4mm	2.5"	11/8" square	
22" 4mm	2.5"	11/8" square x 11/4" square	
22" 4.5mm	2.5"	11/8" square	
22" 4.5mm	2.5"	11/8" square x 11/4" square	
22" 4.5mm	2.5"	11/4" square x 11/2" square	
22" 4.5mm	2.5"	1½" square	
22" 4.5mm	2.5"	1½" round	
22" 4.5mm	2.5"	1½" square x 1¾" round	
	2.5"		
22" 4.76mm		11/8" square x 11/4" square	
22" 5mm	2.5" 2.5"	11/8" square	
22" 5mm		11/8" square x 11/4" square	
22" 5mm	2.5"	11/4" square x 11/2" round	
22" 5mm	2.5"	1½" square	
22" 5mm	2.5"	1½" round	
22" 6mm	2.5"	11/4" square x 11/2" square	
22" 6mm	2.5"	11/8" square	
22" 6mm	2.5"	1" square x 11/8" square	
22" 6mm	2.5"	11/8" square x 11/4" square	
22" 6mm	2.5"	1½" square	
22" 6mm	2.5"	1½" square x 1¾" round	
22" 6mm	2.5"	1½" square x 15%" round	
22" 6.35mm	2.5"	1½" square	
22" 6.35mm	2.5"	1½" square x 15%" round	
24" 6mm	3.25"	11/8" square	
24" 6mm	3.25"	11/8" square x 11/4" square	
24" 6mm	3.25"	11/4" square x 11/2" square	
24" 6mm	3.25"	11/4" square x 11/2" round	
24" 6mm	3.25"	1½" square	
24" 6mm	3.25"	1½" square x 1¾" round	
24" 6mm	3.25"	1½" square x 15%" round	
24" 6.35mm	3.25"	1½" square	
24" 6.35mm	3.25"	1½" square x 15/8" round	
24" 8mm	3.25"	1½" square x 15%" round	
26" 6mm	3.825"	11/4" square x 11/2" square	
26" 6mm	3.825"	1½" square x 15⁄8" round	
26" 6mm	3.825"	1½" square x 1¾" round	
26" 6.35mm	3.825"	1½" square	
26" 6.35mm	3.825"	1½" square x 15/8" round	
26" 8mm	3.825"	1½" square x 15/8" round	
28" 8mm	4.25"	1½" square x 15/8" round	
28" 10mm	4.25"	1½" square x 15/8" round	
30" 10mm	4.75"	21/4" square	
32" 10mm	4.75"	21/4" square	
32" 10mm	4.75"	21/4" round	
36" 12.7mm	5.5"	21/4" round	
36" 12.7mm	5.5"	2½" round	
		<u> </u>	



Raised Flat Center Disc Blades

Diameter	Thickness	Style	Concavity	Hole Punch
20"	4.5mm	Notched	2.25"	1" square x 11/8" square
20"	4.5mm	Notched	2.25"	11⁄8" square
22"	5mm	Notched	2.5"	1" square x 11/8" square
22"	5mm	Notched	2.5"	1½" round
26"	6.35mm	Notched	3.825"	1½" square
32"	10mm	Notched	4.75"	1¾" square
20"	4.5mm	Plain	2.25"	11⁄8″ square
20"	4.5mm	Plain	2.25"	11⁄8" square
20"	4.5mm	Plain	2.25"	1½" round
22"	4.5mm	Plain	2.5"	11/8" square
22"	5mm	Plain	2.5"	1½" round



"Cone" Disc Blades

Diameter	Thickness	Style	Concavity	Hole Punch
22"	6mm	Notched	4"	11/8" square x 11/4" square
22"	6mm	Notched	4"	11/8" square x 11/4" square
22"	6mm	Notched	4"	1½" square
24"	6mm	Notched	4.5"	11/8" square x 11/4" square
24"	6mm	Notched	4.5"	11⁄4″ square x 11⁄2″ square
24"	6mm	Notched	4.5"	11/4" square x 11/2" square
26"	6mm	Notched	5"	11/8" square x 11/4" square
26"	6mm	Notched	5"	11/4" square x 11/2" square
22"	6mm	Plain	4"	11/8" square x 11/4" square
24"	6mm	Plain	4.5"	11/4" square x 11/2" square
24"	6mm	Plain	4.5"	11⁄4″ square x 1½″ square
24"	6mm	Plain	4.5"	1½" square
26"	6mm	Plain	5"	1½" square
26"	6mm	Plain	5"	11⁄4" square x 11⁄2" square



"Savanah" Pattern Disc Blades

Diameter	Thickness	Style	Center Hole	Hole Punch
32"	12mm	Notched	2½" round	(6) 1/2" round on 10" pattern
36"	12mm	Notched	2½" round	(6) 1/2" round on 10" pattern



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Pattern Disc Blades- "Flat Back" - to accommodate hub mounting

Diameter	Thickness	Style	Center Hole	Bolt Pattern
22"	4.75mm	Plain	2.75" round	(5) 1/2" round on 4.5" pattern
22"	6mm	Plain	3.73" round	(4) 1/2" round on 5" pattern
22"	6.35mm	Plain	4.62" round	(6) 1/2" round on 6" pattern
24"	6.35mm	Plain	4.62" round	(6) 1/2" round on 6" pattern



"Rome" Style Disc Blades

Diameter	Thickness	Style	Concavity	Hole Punch
28"	8mm	Notched	4.25"	21/8" round w/ 4 bulges
28"	10mm	Notched	4.25"	21/8" round w/ 4 bulges
30"	10mm	Notched	4.75"	21/8" round w/ 4 bulges
30"	12mm	Notched	4.75"	21/8" round w/ 4 bulges
30"	12mm	Notched	4.75"	2½" round w/ 4 bulges
32"	10mm	Notched	4.75"	21/8" round w/ 4 bulges
32"	12mm	Notched	4.75"	21/8" round w/ 4 bulges
32"	12mm	Notched	4.75"	2½" round w/ 4 bulges
36"	10mm	Notched	4.75"	21/8" round w/ 4 bulges
36"	10mm	Notched	4.75"	21/2" round w/ 4 bulges
36"	12.7mm	Notched	5.5"	2½" round w/ 4 bulges



Disc Hiller Blades

Diameter	Thickness	Style	Center Hole	Bolt Pattern
12"	3mm	"Blanton"	None	(4) 5/16" square on 5" pattern
14"	3mm	"Blanton"	None	(4) 5/16" square on 5" pattern
16"	3mm	"Blanton"	None	(4) 5/16" square on 5" pattern
12"	3mm	"King"	None	(6) 1/4" round on 4¼" pattern
14"	3mm	"King"	None	(6) 1/4" round on 4¼" pattern
16"	3mm	"King"	None	(6) 1/4" round on 4¼" pattern
12"	3mm	"Ferguson"	None	(4) 3/8" square on 4¾" pattern
14"	3mm	"Ferguson"	None	(4) 3/8" square on 4¾" pattern
16"	3mm	"Ferguson"	None	(4) 3/8" square on 4¾" pattern

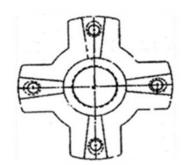


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Agmate® Disc Hiller Assemblies

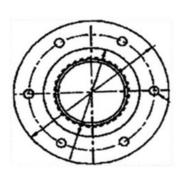


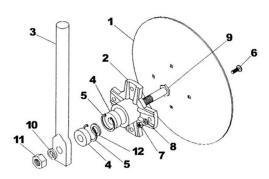


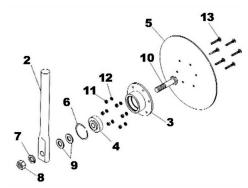


Disc Hiller Assemblies

Blanton Style (4 Hole)	King Style (6 Hole)	Description		
33132	36356	12" Disc Hiller Assembly with 16" Shank		
33133	36357	12" Disc Hiller Assembly with 22" Shank		
11676	36358	14" Disc Hiller Assembly with 16" Shank		
30525	36359	14" Disc Hiller Assembly with 22" Shank		
11677	36360	16" Disc Hiller Assembly with 16" Shank		
31752	36361	16" Disc Hiller Assembly with 22" Shank		







Blanton Style Parts List

Part #	Reference #	Description	Quantity Required
87728	1	12" Blade 3mm	1
11679	2	Hub - No Bearings	1
11678	3	16" Shank (1-1/4" Round)	1
30336	3	22" Shank (1-1/4" Round)	1
17849	4	204BBAR	2
27936	5	Snap Ring	2
13275	6	5/16" Carriage Bolt	4
13104	7	5/16" Hex Nut	1
13084	8	5/16" Lock Washer	
29842	9	3/4" x 3-1/2" Thin Head Bolt	1
13099	10	3/4" Lock Washer	1
13109	11	3/4" Hex Nut	1
33955	12	3/4" Flat Washer	1

King Style Parts List

Part #	Reference #	Description	Quantity Required
11678	2	16" Shank (1-14" Round)	1
30336	2	22" Shank (1-1/4" Round)	1
35740	3	Hub - No Bearings	1
17861	4	206 GGH Bearing	1
80970	5	12" Blade 3mm	1
80971	5	14" Blade 3mm	1
80973	5	16" Blade 3mm	1
82403	6	Snap Ring	1
13099	7	3/4" Lock Washer	1
13109	8	3/4" Hex Nut	1
33955	9	3/4" Flat Washer	2
29842	10	3/4" x 3-1/2" Thin Head Bolt	1
13103	11	1/4" Hex Nut	6
13093	12	1/4" Lock Washer	6

Grizzly® Coulter Blades



Approximate Weight Chart

Diameter	Thickness	Weight		
12"	3mm	3.2 lbs.		
12"	4.76mm	4.6 lbs.		
13"	3mm	3.6 lbs.		
14"	2.5mm	4.8 lbs.		
14"	3mm	5 lbs.		
15"	3mm	6 lbs.		
16"	3.5mm	7.9 lbs.		
16"	4mm	9.0 lbs.		
16"	4.5mm	9.8 lbs.		
17"	3.5mm	8.9 lbs.		
17"	4mm	9.8 lbs.		
17"	4.5mm	10.5 lbs.		
17"	4.76mm	11.6 lbs.		
17"	5mm	12.3 lbs.		
18"	3mm	8.6 lbs.		
18"	4mm	10.5 lbs.		
18"	4.5mm	13.1 lbs.		
20"	4.5mm	14.91 lbs.		
20"	4.76mm	15.03 lbs.		
20"	5mm	16.61 lbs.		
20"	6mm	19.35 lbs.		
22"	4.5mm	20.05 lbs.		
22"	4.76mm	20.20 lbs.		
22"	5mm	20.46 lbs.		
24"	6.35mm	30.10 lbs.		
26"	6.35mm	36 lbs.		
28"	6.35mm	41 lbs.		
28"	8mm	52 lbs.		

Thickness Conversion Chart								
3mm	11 ga.		.118"					
3.5mm	9 ga.		.138"					
4mm	8 ga.		.157"					
4.5mm	7 ga.		.177"					
4.75mm		3/16"	.187"					
5mm	6 ga.		.197"					
6mm	3 ga.		.236"					
6.35mm		1/4"	.250"					
8mm		5/16"	.315"					
9.52mm		3/8"	.375"					
10mm		3/8"	.394"					
12mm		1/2"	.472"					
12.7mm		1/2"	.500"					

Material Composition:

All Coulters are Manufactured from Boron Steel



Plain Coulter

- ■Penetration is good.
- •Cutting good.
- Soil disturbance and tilling action is very moderate.
- Less drag.



Rippled/Fluted Coulter

- Rippled Edge
- Good penetration and cutting edges.
- Soil disturbance and tilling action increased with 5/16" wide ripples.
- Good for most conditions.



Rippled/Fluted Coulter

- Straight Edge
- Good penetration and cutting action.
- Moderate soil disturbance and tilling action.
- Very good for varying soil conditions.



Bubbled Coulter

- Penetration is moderate.
- Good cutting action.
- Some soil disturbance.
- Heavy damp soil can create a slot with sidewall compaction.



Wavy Coulter

- Wide to narrow waves available.
- Very good for tilling action.
- Penetration is moderate.
- More effective at slower speeds.



Notched Coulter

- Good penetration.
- Cutting is good in heavy residue.
- Tilling action and soil disturbance very moderate.

Grizzly® Coulter Blades Pattern Codes - "To Fit"



B01 19/2" Finisher, Kent, Londoll, Orthman Single Round B02 19/4" Forest City chisel coulter, Sunflower/Kneco	Diagram of Punch Pattern	Pattern Code	Center Hole	Companies/Machines Used On	Bolt Pattern	Bolt/Rivet Size	
Single Square	_	A01	11/8"	JD 712 mulcher, Tufline & others			
Bush Hog soil hog, DM, Glenco-Frammand Soil Saver, Hinkike, Kent, Londoil, Orthman Single page configuration on the coulter type implements for residum ulching.		A02	1½"	Brillion soil builder & others			
Bush Bush Bush Bush Holgs oil hog, DML, Glencoe/Farmhand Soil Saver, Hinker, Kent, Londoll, Orthman Involved the properties for residual mulching.	Single Square	A03	1"	Leinbach	Single hole coulte	rs are primarily used	
Single Nation Big Nye Porrest City chase Jeuly (25 - 25 - 14 14 14 14 15 15 15 14 15 15	\circ	B01	1½"		in a single gang configuration on chise coulter type implements for residue		
Single Star	Single Round	B02	13/4"	Forrest City chisel coulter, Sunflower/Kneco			
D03 15%" Worksaver/Hawkline 3½" 3/8" 3/8" D04 17½" Leinbach/Hog Back 2½4%" 3/8" 5/16" E01 11½" Hr new style 4½" 1/2" 1/2" E02 2" Brown Mg, Dickey Machine Works 3½" 7/16" E05 2½" Black, Brillion, DMI, Glencoe-Farmhand, Haybuster, E05 2½" Black, Brillion, DMI, Glencoe-Farmhand, Haybuster, Hiniker, Landoll, Noble, Subup, UFF, Will-Rich, Floneer 4" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1	\Diamond	C01	11/8" x 11/4"	Duetz-AC/Case-IH/Deere			
Bolt Pattern D05	Single Star	C02	1" x 11/8"				
Bolt Pattern D05	000	D03	15/8"	Worksaver/Hawkline	31/2"	3/8"	
E01 11/4" Henw style	=	D04	17/8"	Leinbach/Hog Back	2 ¹³ / ₁₆ "	3/8"	
E02	3 Bolt Pattern	D05	17/8"	Leinbach	21/2"	5/16"	
E05 2½" Black, Brillion, DMI, Glencoe-Farmhand, Haybuster, Hinikar, Landoll, Noble, Sukup, UFT, Wil-Rich, Pioneer 3'9" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8" 3/8"		E01	1½"	IH new style	41/2"	1/2"	
EUS 2½ Hiniker, Landoll, Noble, Sukup, UFT, Wil-Rich, Pioneer 4 11/2		E02	2"	Brown Mfg, Dickey Machine Works	3½"	7/16"	
E08 3" John Deere Series 750, 1560, 1560, 1590, 1690, 1850, 1860, 1860, 1860, 1890 brills, Yetter		E05	2½"		4"	1/2"	
Bolt Pattern E09 31/4" Massey Ferguson 43/4" 7/16"		E06	25/8"	KMC Satbilizer, Lilliston Cine Cutter	35/8"	3/8"	
E11 311/6" Acra Plant, Ag Systems, Bell Inc, Bigham Bros, Bowman, KMC, Caldwell-Hamby, Cole, Crustbuster, DMI, Forrest City, Harrell, John Blue, Landoll, Marilss, Melroe, Monroe-Tuffline, Noble, Progressive, Sunflower, Thruston Mfg. Tye, Wetherell/Clymer, Wil-Rich M&W, Oliver-White, Kent Kinze Planter, Yeter, KBH		E08	3"		43/8"	3/8"	
E11 311/6" KMC, Caldwell-Hamby, Cole, Crustbuster, DMI, Forrest City, Harrell, John Blue, Landoll, Marliss, Melrow, Monroe-Tufline, Noble, Progressive, Sunflower, Thruston Mfg, Tye, Wetherell/Clymer, Wil-Rich 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2" 1/2"	4 Bolt Pattern	E09	31/4"	Massey Ferguson	43/4"	7/16"	
E12 4 M&W, Oliver-White, Kent Kinze Planter, Yeter, KBH 51/4 1/2		E11	3 ¹¹ /16"	KMC, Caldwell-Hamby, Cole, Crustbuster, DMI, Forrest City, Harrell, John Blue, Landoll, Marliss, Melroe, Monroe-Tufline, Noble, Progressive, Sunflower, Thruston	5"	1/2"	
F03 21/4" John Deere Nu-450, JD 7200 and 7300 Planters, Max Emerge		E12	4"		51/4"	1/2"	
FU3 2% Emerge 44% 172 F05 38%e" Ferguson Mfg, KMC, Massey-Ferguson 4½" 172" F06 4" Orthman, KMC, Paulk (UFT) Inverter 5½" 172" F07 4½" Flex-King, Miller Weeder, Noble, Roll-a-cone, Sunflower 5½" 172" G03 13%e" John Deere 7000-7100 Opener 2!%e" 174" G06 1½" Marliss and M&W 3" 3/8" G07 117/s2" 27/6" 114" G09 113/e" Allis Chalmers 33¼" 3/8" G11 2" John Deere HS/Nu Bottoms, JD 7000-7100 Planter, Yetter, Max Emerge (All) G17 33¼" Rawson, Unverterth Till-Tech 5" 3/8" G19 4½e" Rolla Cone 6" 9/16" G23 19½e" 37/8" Rolla Cone 6" 9/16" G24 4" 5½e" 172e G25 None 4¼e" 174e Rectangle 6 Bolt Pattern G01 111/s2e" by 31/s2e IHC (Old) 31¼" 5/16" Dual 6 Bolt (12 Holes) G05 Dual 13½e" Haybuster, Vermeer Models 107, 147, 1575 27½e" and 6½e" 5/16"		E14	211/16"	Orthman	41/4"	3/8"	
Fobit Pattern Fobit For Fobit For Fo	<u>.</u> 00	F03	21/8"		43/4"	1/2"	
F06 4" Orthman, KMC, Paulk (UFT) Inverter 5½" 1/2" F07 4½" Flex-King, Miller Weeder, Noble, Roll-a-cone, Sunflower 5½" 1/2" G03 1¾6" John Deere 7000-7100 Opener 21¾6" 1/4" G06 1½" Marliss and M&W 3" 3/8" G07 11½2" 2½" 2½%" 1/4" G09 11¾6" Allis Chalmers 3¾" 3/8" G11 2" John Deere HS/Nu Bottoms, JD 7000-7100 Planter, Yetter, Max Emerge (All) 3½" 3/8" G17 3¾4" Rawson, Unverterth Till-Tech 5" 3/8" G19 45½" Rolla Cone 6" 9/16" G23 1½½6" 7½° 1/2" G24 4" 5½" 1/2" G25 None 4½4" 1/4" Rectangle 6 Bolt Pattern G01 11½32" by 3½32" IHC (Old) 3½" 5/16" Dual 6 Bolt (12 Holes) G05 Dual 1¾6" Haybuster, Vermeer Models 107, 147, 1575 2½" and 6½" 5/16"	E Polt Pottorn	F05	35/16"	Ferguson Mfg, KMC, Massey-Ferguson	4½"	1/2"	
G03	5 BOIL PALLETTI	F06	4"	Orthman, KMC, Paulk (UFT) Inverter	5½"	1/2"	
G06 1½" Marliss and M&W 3" 3/8" G07 1½" Allis Chalmers 3½" 3/8" G09 1½" John Deere HS/Nu Bottoms, JD 7000-7100 Planter, Yetter, Max Emerge (All) G11 2" John Deere HS/Nu Bottoms, JD 7000-7100 Planter, Yetter, Max Emerge (All) G17 3¾" Rawson, Unverterth Till-Tech 5" 3/8" G19 4¾" Rolla Cone 6" 9/16" G23 1½"6" Rolla Cone 6" 9/16" G24 4" 5½" 1/2" G25 None 4¼" 1/4" Rectangle 6 Bolt Pattern G01 1½"2" by 3½"2" IHC (Old) 3¼" 5/16" Dual 6 Bolt (12 Holes) G05 Dual 1¾" Haybuster, Vermeer Models 107, 147, 1575 2½" and 6½" 5/16"		F07	41/8"	Flex-King, Miller Weeder, Noble, Roll-a-cone, Sunflower	5½"	1/2"	
G07 11"/32" Allis Chalmers 3½" 3/8" G11 2" John Deere HS/Nu Bottoms, JD 7000-7100 Planter, Yetter, Max Emerge (All) G17 3¾" Rawson, Unverterth Till-Tech 5" 3/8" G19 4½" Rolla Cone 6" 9/16" G23 1½" Rolla Cone 6" 9/16" G24 4" 5½" 1/2" G25 None 111/32" by 3½2" IHC (Old) 3½" 5/16" Dual 6 Bolt Pattern G05 Dual 1½" Haybuster, Vermeer Models 107, 147, 1575 2½" and 6½" 5/16"		G03	1³⁄16″	John Deere 7000-7100 Opener	2 ¹⁵ /16"	1/4"	
G09 113/16" Allis Chalmers 31/4" 3/8"		G06	1½"	Marliss and M&W	3"	3/8"	
GII 2" Max Emerge (All) 3½" 3/8"		G07	1 ¹⁷ / ₃₂ "		27/8"	1/4"	
GII 2" Max Emerge (All) 3½" 3/8"	\circ \circ \circ	G09	1 ¹³ /16"	Allis Chalmers	31/4"	3/8"	
G19 45%" Rolla Cone 6" 9/16"		G11	2"		3½"	3/8"	
G23 19/16" 31/8" 1/2"		G17	33/4"	Rawson, Unverterth Till-Tech	5"	3/8"	
G24 4" 5½" 1/2" G25 None 4¼" 1/4" Rectangle 6 Bolt Pattern G01 11½2" by 3⅓2" IHC (Old) 3¼" 5/16" Dual 6 Bolt (12 Holes) G05 Dual 1¾8" Haybuster, Vermeer Models 107, 147, 1575 2¾" and 6½" 5/16"		G19	45/8"	Rolla Cone	6"	9/16"	
G25 None 4½" 1/4" Rectangle 6 Bolt Pattern G01 11½2" by ¾32" IHC (Old) 3¼" 5/16" Dual 6 Bolt (12 Holes) G05 Dual 1¾8" Haybuster, Vermeer Models 107, 147, 1575 2½" and 6½" 5/16"		G23			31/8"	1/2"	
Rectangle 6 Bolt Pattern G01 111/32" by 31/32" IHC (Old) 31/4" 5/16" Dual 6 Bolt (12 Holes) G05 Dual 13/8" Haybuster, Vermeer Models 107, 147, 1575 27/8" and 61/2" 5/16"		G24	4"				
Pattern GOT 11/932 by 9/32 INC (Old) 3/4 5/16 Dual 6 Bolt (12 Holes) G05 Dual 13/8" Haybuster, Vermeer Models 107, 147, 1575 27/8" and 61/2" 5/16"		G25	None		41/4"	1/4"	
(12 Holes) G05 Dual 11/6" Haybuster, Vermeer Models 107, 147, 1575 27/6" and 61/2" 5/16"		G01	111/32" by 31/32"	IHC (Old)	31/4"	5/16"	
O Della Della come del		G05 Dual	13/8"	Haybuster, Vermeer Models 107, 147, 1575	21/8" and 61/2"	5/16"	
8 BOIT PATTERN HUZ 4" SOO CUTTER BIAGES, WMI, K&W, AND OTHERS 6" 3/16"	8 Bolt Pattern	H02	4"	Sod Cutter Blades, WMI, K&W, and Others	6"	3/16"	

Grizzly® Coulter Blades by Style



Wavy Coulter Blades

8-Wave

Diameter	Thickness	Wave	Center Hole	Bolt Hole	Bolt Pattern	Pattern Code	Part #
17"	3.5mm	7/8"	311/16"	(4) 1/2"	5"	E11	34276
17"	4mm	7/8"	4"	(4) 1/2"	51/4"	E12	34278
17"	4mm	1"	1 ¹³ / ₁₆ "	(6) 3/8"	31⁄4″	G09	25915



12-Wave

Diameter	Thickness	Wave	Center Hole	Bolt Hole	Bolt Pattern	Pattern Code	Part #
16"	4mm	3/4"	4"	(4) 1/2"	5.25"	E12	34275
17"	4mm	7/8"	4"	(4) 1/2"	5" / 5.25"	E11 / E12	71814
17"	5mm	7/8"	33/4"	(6) 3/8"	5"	G17	34292



13-Wave

Dian	neter	Thickness	Wave	Center Hole	Bolt Hole	Bolt Pattern	Pattern Code	Part #
10	6"	4.5mm	1"	21/8"	(6) 3/8" / (5) 1/2"	3.5" / 4.75"	G11 / F03	76633
2	0"	4.5mm	1"	4"	(4) 1/2"	5" / 5.25"	E11 / E12	71915
2	0"	4.5mm	1"	11/8" x 11/4" sq	None	None	C01	76634



25-Wave

Diameter	Thickness	Wave	Center Hole	Bolt Hole	Bolt Pattern	Pattern Code	Part #
16"	4.5mm	5/8"	21/8"	(5) 1/2"	4.75"	F03	72600
17"	4.5mm	5/8"	311/16"	(4) 1/2"	5"	E11	112156
20"	4.5mm	3/4"	4"	(4) 1/2"	5.25"	E12	105511



Bubbled Coulter Blades

Bubbled

Diameter	Thickness	Center Hole	Bolt Hole	Bolt Pattern	Pattern Code	Part #
17"	4mm	2"	(6) 3/8"	3.5"	G11	34281
17"	4mm	4"	(4) 1/2"	5.25"	E12	34285



Grizzly® Coulter Blades by Style



Fluted/Rippled Coulter Blades

Straight Edge

Diameter	Thickness	Center Hole	Bolt Hole	Bolt Pattern	Pattern Code	Part #
17"	3.5mm	2"	(6) 1/2"	3.5"	G11	25911
17"	4mm	311/16"	(4) 1/2"	5"	E11	32343
17"	4mm	4"	(4) 1/2"	5 / 5.25"	E11 /E12	86765
17"	4mm	4"	(4) 1/2"	5.25"	E12	38608
17"	4mm	4"	(5) 1/2"	5.5"	F06	70711
17"	4mm	2½"	(4) 1/2"	4"	E05	77359
17"	4mm	2"	(6)3/8"	3.5"	G11	34838
17"	4.76mm	25/8"	(4) 3/8"	35/8"	E06	25913
20"	4.5mm	311/16"	(4) 1/2"	5"	E11	32352
20"	4.5mm	4"	(4) 1/2"	5" / 5.25"	E11 / E12	38610
20"	4.5mm	21/8"	(5) 1/2"	4.75"	F03	36228
20"	4.76mm	25/8"	(4) 3/8"	35/8"	E06	25920
22"	4.5mm	21/8"	(5) 1/2"	4.75"	F03	36227



Rippled Edge

Diameter	Thickness	Center Hole	Bolt Hole	Bolt Pattern	Pattern Code	Part #
16"	3.5mm	35/16"	(5) 1/2"	4.5"	F05	43225
17"	4mm	4"	(4) 1/2"	5" / 5.25"	E11 / E12	38123
20"	4.5mm	4"	(4) 1/2"	5" / 5.25"	E11 / E12	38122
20"	4.5mm	35/16"	(5) 1/2"	4.5"	F05	43226



Notched Coulter Blades

Notched

Diameter	Thickness	Center Hole	Bolt Hole	Bolt Pattern	Pattern Code	Part #
15"	4mm	311/16"	(4) 1/2"	5"	E11	88518
16"	3.5mm	1" x 11/8" sq	None	None	C02	35028
20"	4.5mm	51/4"	(4) 1/2"	5.25"	E12	127778



Grizzly® Coulter Blades by Style



Plain/Smooth Coulter Blades

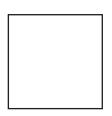
Plain / Smooth

Diameter	Thickness	Bevel	Center Hole	Bolt Hole	Bolt Pattern	Pattern Code	Part #
Diameter	THICKHESS	Devel	Center noie	Buil Hule	Buil Pallerii	Pattern Code	Part#
12"	3mm	Single	4"	(8) 3/16"	6"	H02	112210
12"	4.76mm	Single	4"	(8) 3/16"	6"	H02	108509
13"	3mm	Double	15/16"	(3) 5/16"	2.5"	D05	54827
15"	3mm	Single	11/2"	(6) 3/8"	3"	G06	32289
16"	3.5mm		17/8"	(6) 3/8"	213/16"	D04	53513
17"	4mm	Double	4"	(4) 1/2"	5" / 5.25"	E11 / E12	38607
18"	3mm	Single	1" square	None	None	A03	53512
18"	4mm	Double	21/2"	(4) 1/2"	4"	E05	34840
20"	4.5mm		13/4"	None	None	B02	34837
20"	4.5mm	Double	311/16"	(4) 1/2"	5"	E11	34294
22"	4.76mm	Double	4"	(4) 1/2"	5" / 5.25"	E11 / E12	84117
24"	6.35mm	Double	311/16"	(4) 1/2"	5"	E11	76635
24"	6.35mm	Double	45/8"	(6) 9/16"	6"	G19	47785
28"	8mm	Double	4"	(6) 1/2"	5.5"	G24	77493
28"	6.35mm	Double	41/8"	(5) 1/2"	5.5"		85462
30"	10mm	Double	25/8"	(5) 5/8"	9.5"		83738



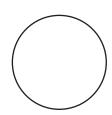
Grizzly® Coulter Blades by Pattern





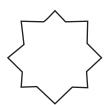
Single Square Pattern

Pattern Code	Diameter	Thickness (mm)	Туре	Center Hole	Bolt Hole	Bolt Pattern	Part #
A01	20"	4.5	Notched	11/8" square	None	None	41418
A03	18"	3	Plain	1" square	None	None	53512



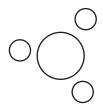
Single Round Pattern

Pattern Code	Diameter	Thickness (mm)	Туре	Center Hole	Bolt Hole	Bolt Pattern	Part #
B02	20"	4.5	Plain	1¾" Round	None	None	34837



Dual Pattern "Star"

Pattern Code	Diameter	Thickness (mm)	Туре	Center Hole	Bolt Hole	Bolt Pattern	Part #
C01	20"	4.5	13-Wave	11/8" sq x 11/4" sq	None	None	76634
C02	16"	3.5	Notched	1" sq x 11/8" sq	None	None	35028



3 Bolt Pattern

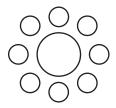
Pattern Code	Diameter	Thickness (mm)	Туре	Center Hole	Bolt Hole	Bolt Pattern	Part #
D04	16"	3.5	Plain	11/8" Round	(3) 3/8"	2 ¹³ /16"	53513
D05	13"	3	Plain	15/16" Round	(3) 5/16"	2½"	54827

Grizzly® Coulter Blades by Pattern





Pattern Code	Diameter	Thickness (mm)	Туре	Center Hole	Bolt Hole	Bolt Pattern	Part #
E05	17"	4	Rippled/Straight Edge	2½"	(4) 1/2"	4"	77359
E05	18"	4	Plain	2½"	(4) 1/2"	4"	34840
E06	17"	4.76	Rippled/Straight Edge	25/8"	(4) 3/8"	35/8"	25913
E06	20"	4.76	Plain	25/8"	(4) 3/8"	35/8"	25921
E11	17"	3.5	8-Wave (7/8")	311/16"	(4) 1/2"	5"	34276
E11	17"	4.5	25-Wave	311/16"	(4) 1/2"	5"	32343
E11	17"	4	Rippled/Straight Edge	311/16"	(4) 1/2"	5"	32343
E11	20"	4.5	Rippled/Straight Edge	311/16"	(4) 1/2"	5"	32352
E11	20"	4.5	Plain	311/16"	(4) 1/2"	5"	34294
E11	22"	4.76	Plain	311/16"	(4) 1/2"	5"	84117
E12	16"	4	12-Wave (3/4")	4"	(4) 1/2"	51/4"	34275
E12	17"	3.5	8-Wave (7/8")	4"	(4) 1/2"	51/4"	34278
E12	17"	4	Bubbled	4"	(4) 1/2"	51/4"	34285
E12	17"	4	Plain	4"	(4) 1/2"	51/4"	38608

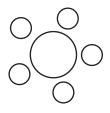


Dual 4 Bolt Pattern

Pattern Code	Diameter	Thickness (mm)	Туре	Center Hole	Bolt Hole	Bolt Pattern	Part #
E11 / E12	17"	4	12-Wave (7/8")	4"	(4) 1/2"	5" or 51⁄4"	71814
E11 / E12	17"	4	Rippled / Rippled Edge	4"	(4) 1/2"	5" or 51/4"	38123
E11 / E12	17"	4	Rippled / Rippled Edge	4"	(4) 1/2"	5" or 51/4"	86765
E11 / E12	17"	4	Plain	4"	(4) 1/2"	5" or 51/4"	38607
E11 / E12	20"	4.5	12-Wave (1")	4"	(4) 1/2"	5" or 51/4"	71915
E11 / E12	20"	4.5	Rippled / Rippled Edge	4"	(4) 1/2"	5" or 51/4"	38122
E11 / E12	20"	4.5	Rippled / Rippled Edge	4"	(4) 1/2"	5" or 51/4"	38610
E11 / E12	22"	4.76	Plain	4"	(4) 1/2"	5" or 51⁄4"	84117

Grizzly® Coulter Blades by Pattern



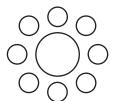


5 Bolt Pattern

Pattern Code	Diameter	Thickness (mm)	Туре	Center Hole	Bolt Hole	Bolt Pattern	Part #
F03	16"	4.5	25-Wave	21/8"	(5) 1/2"	43/4"	72600
F03	20"	4.5	Rippled / Straight Edge	21/8"	(5) 1/2"	43/4"	36228
F05	16"	3.5	Rippled / Rippled Edge	315/16"	(5) 1/2"	41/2"	43225
F06	17"	4	Rippled / Straight Edge	4"	(5) 9/16"	5½"	70711
F06	28"	8	Plain	4"	(5) 1/2"	5½"	25926



Pattern Code	Diameter	Thickness (mm)	Туре	Center Hole	Bolt Hole	Bolt Pattern	Part #
G06	15"	3	Plain	11/2"	(6) 3/8"	3"	32289
G07	14"	2.5	Plain	117/32"	(6) 1/4"	27/8"	25908
G09	17"	4	8-Wave (1")	1 ¹³ ⁄16″	(6) 3/8"	31⁄4"	25915
G11	17"	3.5	Rippled / Straight Edge	2"	(6) 1/2"	3½"	25911
G11	17"	4	Bubbled	2"	(6) 3/8"	3½"	34281
G11	17"	4	Rippled / Straight Edge	2"	(6) 3/8"	3½"	34838
G17	17"	5	12-Wave (7/8")	33/4"	(6) 3/8"	5"	34292
G19	24"	6.35	Plain	45/8"	(6) 9/16"	6"	47785
G24	28"	8	Pain	4"	(6) 1/2"	5½"	77493



8 Bolt Pattern

Pattern Code	Diameter	Thickness (mm)	Туре	Center Hole	Bolt Hole	Bolt Pattern	Part #
H02	12"	3	Plain	4"	(8) 3/16"	6"	112210

Grizzly® Disc Harrow Castings



















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#2

#4

#5

#

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Reference #	Description	To Fit	Part Number
#1	Small Washer / End Spacer	1" Axle	36069
#2	1-9/16" Half Spacer	1" Axle	83987
#2	2-3/8" Half Spacer	1" Axle	36248
#2	2-9/16" Half Spacer	1" Axle	84127
#2	2-7/8" Half Spacer	1" Axle	83986
#2	3-5/8" Half Spacer	1" Axle	36779
#2	5-1/8" Half Spacer	1" Axle	36780
#2	5-7/8" Half Spacer	1" Axle	83985
#3	7-7/16" Spacer Spool 1" Axle		31717
#3	9" Spacer Spool	1" Axle	36778
#4	Bumper Washer	1" Axle	40255
#5	7-1/2" Ribbed Spool	1" Axle	28210
#6	Bearing Cap Half with Zerk	1" Axle	28211
	Grease Zerk	1" Axle	49109

Reference #	Description	To Fit	Part Number
#1	1-1/4" End Spacer	1-1/8" Axle	51268
#1	1-3/4" End Spacer	1-1/8" Axle	51267
#2	3" Half Spacer	1-1/8" Axle	80926
#2	3-1/4" Half Spacer	1-1/8" Axle	51266
#2	2" Half Spacer	1" Axle	108670
#2	1-9/16" Half Spacer	1" Axle	83987
#2	2-7/8" Half Spacer	1" Axle	83986
#2	2-9/16" Half Spacer	1" Axle	84127
#2	3-1/5" Half Spacer	1" Axle	108669
#2	31/4" Half Spacer	1-1/8" Axle	108674
#2	3-3/4" Half Spacer	1-1/8" Axle	80925
#2	4-1/2" Half Spacer	1-1/8" Axle	51265
#2	6" Half Spacer	1-1/8" Axle	64092
#3	5-7/8" Half Spacer	1" Axle	83985
#3	7-1/2" Spacer Spool	1-1/8" Axle	56918
#3	9" Spacer Spool	1-1/8" Axle	56917
#4	Bumper Washer	1-1/8" Axle	55358
#4	Bumper Washer	1-1/8" Axle	66028
#7	Slotted Bumper Washer	1-1/8" Axle	108676
#8	Disc Harrow Extension	1-1/8" Axle	26031

Grizzly® Disc Harrow Castings





Bumper Washers - Spring Steel

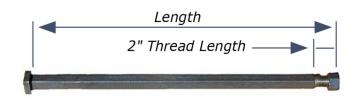
Part Number	To Fit	Thickness	Heat Treat	Color
90537	1" Square x 1-1/8" Square Axles	3/8"	RC40-45	Powder Coat - Black
90538	1-1/2" Square Axles	3/8"	RC40-45	Powder Coat - Black
90539	1-3/4" Round Axles	3/8"	RC40-45	Powder Coat - Black
90540	1-1/4" Square x 1-1/2" Round Axles	3/8"	RC40-45	Powder Coat - Black

Grizzly® Disc Axles and Bearings

Disc Harrow Axles

Length	Diameter	Part Number
25.25"	7/8" sq.	106349
40.25"	7/8" sq.	106354
26"	7/8" sq.	106350
41.75"	7/8" sq.	106355
30.5"	7/8" sq.	106351
39.125"	7/8" sq.	106353

Length	Diameter	Part Number
18.5"	1" sq.	106379
19"	1" sq.	106381
21.5"	1" sq.	106388
26"	1" sq.	106382
31"	1" sq.	106383
33.5"	1" sq.	106384
34"	1" sq.	106377
39.5"	1" sq.	106385
41"	1" sq.	106386
42"	1" sq.	106380
46.6"	1" sq.	106399



1-1/8" sq.	106360
1-1/8" sq.	
	106361
1-1/8" sq.	106362
1-1/8" sq.	106364
1-1/8" sq.	106365
1-1/8" sq.	106366
1-1/8" sq.	106367
1-1/8" sq.	106368
1-1/8" sq.	106369
1-1/8" sq.	106370
1-1/8" sq.	106371
1-1/8" sq.	106372
1-1/8" sq.	106373
1-1/8" sq.	106374
1-1/8" sq.	106375
1-1/2" sq.	106391
1-1/2" sq.	106392
	1-1/8" sq.

Grizzly® Disc Axles and Bearings







Part Number	Description
109814	Locks axle nut to the disc harrow axle. Can be used on a 1-1/8" or 1" axle.



Slack Washer

Part Number	Description
36898	Slack washer for disc axle with 1-1/8" square hole x 1/4" thick.



Disc Harrow Bearing with Flange

	To Fit	Reference #	Bearing Type	Boxed PN#	Bulk PN#
	1" Axle	ST208-1N	Sealed	45109	83554
	1-1/8" Axle	ST208-1-1/8	Sealed	58518	83656
Г	1-1/8" Axle	ST209-1-1/8	Greasable	86222	N/A



Disc Harrow Bearing

To Fit	Reference #	Bearing Type	Boxed PN#	Bulk PN#
1" Axle	W208PPB6	Sealed	36404	83557



Round Disc Bearing Flange - Half

To Fit	Reference #	Boxed PN#	
W208PPB6	80MM-4ZP	17975	



Harrow Bearing with Trunion Housing

To Fit	Reference #	Bearing Type	Bulk PN#
1-1/8" Square Axle	W208PPB12	Sealed	87527
1-1/2" Square Axle	W211PP3	Sealed	85307
1-1/2" Square Axle	GW211PP3	Greasable	85308

Agmate® Box Scraper Parts





Box Blade Shanks with Point

Part#	Description	Origin	Length	Thickness	Width	Hole Spacing	Heat Treated
105647	2 Slot Front	China	16"	3/4"	2-1/2"	2.5" Centers	Shank & Point
105648	3 Slot Front	China	18"	3/4"	2-1/2"	3.6" Centers	Shank & Point
72382	3 Slot Back	China	16"	3/4"	2-1/2"	3.6" Centers	Point Only
104357	3 Hole	China	16"	3/4"	2-1/2"	1.5" Centers	Point Only
86634	3 Hole	China	16"	3/4"	2-1/2"	1.5" Centers	Point Only
105646	4 Hole	China	18"	3/4"	2-1/2"	2" Centers	Shank & Point
111589	4 Hole	India	18"	3/4"	2-1/2"	2" Centers	Shank & Point
104785	4 Hole	China	18"	3/4"	2-1/2"	2" Centers	Shank & Point
111597	4 Hole	India	18"	3/4"	2-1/2"	2" Centers	Point Only

Direct Replacement Points



Part #	Style	Material	To Fit
89348	Crimp On - Standard	Heat Treated Steel - Hardness: RC 35-45	All Agmate Chinese Shanks
111596	Crimp On - Standard	Heat Treated Steel - Hardness: RC 35-45	Agmate Indian Shanks
104361	Crimp On - Standard	Heat Treated Steel - Hardness: RC 35-45	Point to Fit #111598

Generic Points



	Part #	Style Style	Origin	Material	To Fit
	10453	Crimp On - Standard	Italy	Heat Treated Steel - Hardness: RC 38-42	Non-Agmate 3/4" Shanks
ſ	104358	Crimp On - Standard	China	Heat Treated Steel - Hardness: RC 35-45	Non-Agmate 3/4" Shanks

Bent Pin



Hair	Pin
i ian	



Part #	Usable Length	Diameter		Part #	Fits
28479	4-5/8"	1/2"		39712	Bent Pin PN# 28479 and 105577
105577	4-1/2"	3/4"	•		

Lock Keeper



Part #	Description	Length	Width	Thickness	Fits Shank PN#
10405	Lock pin for slotted box blade shanks	3-3/4"	3/4"	3/8"	49685 and 49686

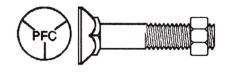
Cutting Edge





Part#	Detail	Thickness	Width	# Holes	Bolt	Hole Spacing from Edge	Hole Spacing
120665	4ft. Cutting Edge	10mm (3/8")	6"	4	5/8"	57/8"	12"
120666	5ft. Cutting Edge	10mm (3/8")	6"	5	5/8"	57/8"	12"
120667	6ft. Cutting Edge	10mm (3/8")	6"	6	5/8"	57/8"	12"
120668	7ft. Cutting Edge	10mm (3/8")	6"	7	5/8"	5 ⁷ /8"	12"
120669	8ft. Cutting Edge	10mm (3/8")	6"	8	5/8"	57/8"	12"





Part #	Details						
32652	5/8"	Grade 5	#3 Head 6 per bag				
33959	5/8" x 2-1/2"	Grade 5	#3 Head	6 per bag			





Special Order Sizes Available Upon Request

Tapered Bale Spears w/ Nut

Part #	Overall	Usable	Diameter	Color	Brand	Max Load
81328	24"	19"	36 mm	Black	6pℓ®	1,870 lb.

Bushing sold separate

Ribbed Bale Spears w/ Nut

Diameter	Color	Brand	Max Load
38 mm	Black	bpt®	1,870 lb.

bpt =

Part #	Overali	Usable	Diameter	Color	Brand	Max Load
70187	32"	27"	38 mm	Black	6pt®	1,870 lb.
49664	39"	34"	36 mm	Black	bpt®	1,870 lb.
49665	43"	38"	36 mm	Black	bpl®	1,870 lb.

Bushing sold separate



Part #	Overall	Usable	Diameter	Color	Brand	Max Load
79258	36"	26"	36 mm	Red	bpt®	1,870 lb.

Bushing sold separate

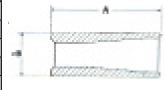
Curved Tine

Part #	Overall	Usable	Diameter	Color	Brand	Max Load
#86925	24"	18"	36 mm	Black	bpt®	1,870 lb.

Bushing sold separate

Bushings / Sleeves

Part #	Brand	Α	В	Fits Bale Spear #
#81329	6pt®	110 mm	45 mm	#81328 & #79258
#58928	bpt®	110 mm	45 mm	#70187
#49666	6pt®	145 mm	51 mm	#49664 & #49665
#102192	Grizzly	145 mm	51 mm	#49664 & #49665
#81329	6pt®	110 mm	45 mm	#86925



Replacement Nuts



Part #	Fits Bale Spear #	Specs
#81330	#81328	M20 x 1.5
#52028	#70187, #49664 & #49665	M22 x 1.5
#84914	#79258	M24 x 1.5

Bale Spears - Conus 2 & 3





Special Order Sizes Available Upon Request

Tapered Bale Spears w/ Nut

< bpl	3

Part #	Overall	Usable	Diameter	Color	Brand	Max Load
61413	32"	27"	45 mm	Black	bpℓ®	3,500 lb.
61414	39"	33"	45 mm	Black	bpt®	3,500 lb.
83120	43"	38"	45 mm	Black	bpℓ®	3,500 lb.
49601A	49"	44"	45 mm	Black	Grizzly®	3,200 lb.
44119	49"	44"	45 mm	Black	bpt®	3,200 lb.
77880	49"	44"	50 mm	Black	bpt®	4,800 lb.
78435	49-1/4"	42-1/4"	45mm	Red	6pt®	3,500 lb.
78437	32"	27"	45mm	Red	6pt®	3,500 lb.
78438	39"	34"	45mm	Red	6pt®	3,500 lb.
61414A	39"	34"	45mm	Black	Grizzly	3,500 lb.

Bushing sold separate

Ribbed Bale Spears w/ Nuts



Part #	Overall	Usable	Diameter	Color	Brand	Max Load
#53724	43"	38"	42 mm	Black	6pt®	3,234 lb.
#82554	47"	42"	42 mm	Black	bpt®	3,234 lb.

Bushing sold separate

"Bolt On" Bale Spears



Part #	Overall	Usable	Diameter	Bolt Diameter	Color	Brand	Max Load
#69122	32"	27"	42 mm	14 mm pin hole	Black	bpt®	3,234 lb.
#49667A	47-1/4"	42"	42 mm	12 mm pin hole	Black	Grizzly°	3,234 lb.
#109180	49"	44"	45 mm	12 mm pin hole	Black	bpt®	3,500 lb.

Bushing sold separate

Bushings / Sleeves

2401111.90 / 0.00100								
Part #	Brand	А	В	Pin Hole	Fits Bale Spear #			
#49668	bpt®	150 mm	60 mm	13 mm	#69122 & #49667			
#86407	Grizzly*	150 mm	60 mm	13 mm	#69122 & #49667			
#53725	bpt®	145 mm	57 mm	Tapered	#53724 & #82554			
#44132	bpt®	145 mm	60 mm	Tapered	All Agmate 45 mm Spears			
#84130A	Grizzly°	145 mm	60 mm	Tapered	All Agmate 45 mm Spears			
#85859A	Grizzly	111 mm	50.8 mm	Tapered	All Agmate 45 mm Spears			
#77881	6pt®	170 mm	70 mm	Tapered	#77880			
#110784	bpt®	150 mm	60 mm	13 mm	#109180			



Replacement Nuts



	Bet (8)	
Part #	Fits Bale Spear #	Specs
#52029	All 42 mm - 50 mm Spears	M28 x 1.5
#77853A	#49601A	M30 x 2



Special Order Sizes Available Upon Request

Grizzly° Stabilizer Spears



Part #	Overall	Diameter	Bolt Diameter	Brand	Material
106672	18.25"	1.25"	5/16" pin hole	Grizzly°	C1045
106673	20"	1.50"	5/16" pin hole	Grizzly	C1045

Bushing not available for #106673



Part #	Overall	Diameter	Bolt Diameter	Brand	Material
111484A	17"	1.25"	5/16" pin hole	Grizzly	C1045 C.RZinc Plated

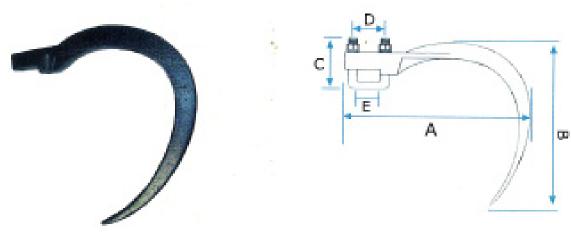
Bushing sold separate



Bushing / Sleeves

Part #	Brand	Α	В	Pin Hole	Fits Bale Spear #
111485A	Grizzly	73 mm	44 mm	5/16"	#111484 & 106622

Agmate Hay Grapple Hook



Part #	Description	А	В	С	D	E
68279	Small Hay Hook with U-Bolt Kit	9"	9"	3"	1-5/8"	1-1/4"
89071	Small Hay Hook without U-Bolt Kit	9"	9"	3"	1-5/8"	1-1/4"
101468	Large Hay Hook with U-Bolt Kit	11"	12-1/4"	2-7/8"	2-1/16"	1-1/2"



Part #	Description
72794	Replacement U-Bolt Kit for Small Hay Hook (U-Bolt, 2 Lock Washers, 2 Nuts)

Grizzly®







4 x 8 Solid Laminated Tailwheels

Part #	O.D.	Width	Rim Color	Bolt Pattern	Weight
10414	15	4"	White	(4) 1/2" on 5"	24 lb.
40117	15	4"	Black	(4) 1/2" on 5"	24 lb.
85488	15	3-7/8"	Black	(4) 1/2" on 5"	24 lb.



4 x 8 Solid Laminated Tailwheel with Hub (Assembled)

Part #	O.D.	Width	Hub	Bolt Pattern	Weight
85490	15"	3-3/4"	Fabricated - 1" Bushing	(4) 1/2" on 5"	27 lb.
77826	14.75"	4"	Fabricated - 1" Bushing	(4) 1/2" on 5"	27 lb.



4 x 8 Solid Laminated Tailwheels Complete Assembly

Part #	Hub Info	Bolt Pattern	Shank Diameter	Axle	Weight
86804	Fabricated with Sintered Bushing & Grease Zerk	(4) 1/2" on 5"	1-1/4"	1" Axle Bolt with Castle Nut & Cotter Pin	41 lb.
111120	Cast Tailwheel Hub with Bearings	(4) 1/2" on 5"	1-1/4"	1" Axle Bolt with Castle Nut & Cotter Pin	41 lb.
125442	Cast with Sintered Bushing & Grease Zerk	(4) 1/2" on 5"	1-1/4"	3/4" Axle Bolt with Castle Nut & Cotter Pin	41 lb.





6 x 9 Solid Laminated Tailwheels

Part #	O.D.	Width	Rim Color	Bolt Pattern	Weight
48820	20"	5"	Black	(4) 1/2" on 5"	64 lb.
32443	20"	5"	Black	(5) 1/2 on 5.5"	64 lb.
102990	21-1/2"	6"	Black	(6) 1/2" on 6"	76 lb.
109116	20.5"	6"	Black	(5) 1/2" on 5-1/2"	76 lb.

Grizzly®



Tailwheel Forks

Part #	Shank Diameter	Mounting Hole	Axle	Fork Internal Width	
#63739	1-1/4"	17/32"	1"	5.62"	
#63740	1-1/4"	17/32"	3/4"	5.51"	
#63741	1-1/2"	17/32"	1"	5.62"	



Hub & Spindle - To fit 6 x 9 Tailwheels (Dust Cap Included)

Part #	Hub Type	Bolt Pattern	Fits Tailwheel #			
#86505	Hub with Taper Roller Bearings	(5) 1/2" on 5.5"	#32443			
#86506	Spindle used with 86505. Weight Capacity 2500 lb.					



Fabricated Hubs with Oilite Bushings

Part #	Description	To Fit	Bolt Pattern
#49324	Fabricated Hub with Oilite Bushing	1" Axle	(4) 1/2" on 5"
#49642	Fabricated Hub with Oilite Bushings	3/4" Axle	(4) 1/2" on 5"
#49643	Replacement 1" Oilite Bushing		
#49644	Replacement 3/4" Oilite Bushing		



Cast Hubs - Friction Type

Part #	Description	To Fit	Bolt Pattern	
#105853	Cast Tailwheel Hub	3/4" Axle	(4) 1/2" on 5"	
#108973	Cast Tailwheel Hub	1" Axle	(4) 1/2" on 5"	



Cast Hubs - Bearing Type

Part #	Description	To Fit	Bolt Pattern
#121421A	Cast Tailwheel Hub	1" Axle	(4) 1/2" on 5"
#104210	Cast Iron Hub with 3-Piece Threaded Bushing	1" Axle	(4) 1/2" on 5"
#104211	Cast Iron Hub with 3-Piece Threaded Bushing	3/4" Axle	(4) 1/2" on 5"

#17931	Replacement Bearing
#17933	Replacement Race
#25678	Replacement Seal





Finishing Mower Wheel Assembly (As shown in the picture.)

Part #	Shank Diameter	Clip Pin Hole Diameter	Segmented Bushing
#84331	0.98"	0.192"	1/4", 1/2", 1", and 1-1/4"

Includes bearings and segmented bushing.

Cast Hubs - Bearing Type

Part #	Description	Segmented Bushing
#83778	8.25" x 3.15" Solid Rubber Tire	1/2"









Part #	Length	Width	Thickness	Offset	Spin Direction	Bolt Diameter	Origin
#10521	17.87"	2.95"	1/2"	2"	CCW	1-1/2"	USA
#123956	17.34"	3"	1/2"	2-1/2"	CCW	1-1/2"	USA

5' Rotary Cutter Blade

Part #	Length	Width	Thickness	Offset	Spin Direction	Bolt Diameter	Origin
#10522	24.6"	2.95"	1/2"	2"	CCW	1-1/2"	USA
#123957	24.5"	3"	1/2"	2-1/2"	CCW	1-1/2"	USA

6' Rotary Cutter Blade To Fit - Howse Rotary Cutter (HL422)

Part #	Length	Width	Thickness	Offset	Spin Direction	Bolt Diameter	Origin
#102700	27.55"	3.54"	1/2"	1.89"	CCW	1-1/2"	Italy

6' Rotary Cutter Blade

Part #	Length	Width	Thickness	Offset	Spin Direction	Bolt Diameter	Origin
#10523A	30"	3"	1/2"	2-1/2"	CCW	1-1/2"	USA
50169A	30-1/4"	4"	1/2"	3-1/2"	CCW	1-1/2"	USA



Blade Bolt Kit - Square Shoulder To Fit - Howse Rotary Cutter

Part #	O. A. Length	Shoulder Diameter x Thickness	Thread
#49330	3.594"	1.466" x 0.569"	1-1/8"-12 UNF

Kit contains (1) BB-75 Blade Bolt, (1) Lock Washer, and (1) Jam Nut.



Blade Bolt Kit with Keyway

Part #	O. A. Length	Shoulder Diameter x Thickness	Thread
#49327A	3"	1.493" x 0.538"	1-1/8"-12 UNF

Kit contains (1) BB-55 Blade Bolt, (1) Lock Washer, and (1) Jam Nut.



Stump Jumper (To Fit 40HP Gearbox)

Part #	O. A. Length	Shoulder Diameter x Thickness	Thread
#89742	1-1/2"-12 Spline	20-1/4"	13.5"

Stump Jumper (To Fit 75HP Gearbox)

Part #	O. A. Length	Shoulder Diameter x Thickness	Thread
#90572	2"-15 Spline	20-1/4"	13.5"
#103875	2"-15 Spline	22-1/4"	13.5"

Grizzly®



Gearbox Shielding

Part #	Description
#101784	Gearbox Shield to fit Shearbolt PTO
#101785	Gearbox Shield to fit PTO with Slip Clutch up to 180 mm in Diameter
#104789	Extra Large Gearbox Shield to fit PTO with Slip Clutch up to 200 mm in diameter



40 HP - Round Style Gearboxes Hub Not Included

Part #	Input	Output	Ratio	
#87854	1-3/8" Smooth	1-1/2" 12 Spline	1:1:47	
#89007	1-3/8" Smooth	1-1/2" 12 Spline	1:1:93	
#87855	1-3/8" 6 Spline	1-1/2" 12 Spline	1:1:47	
Mounting Pattern: (4) 5/8" Holes - 6-3/4" Pattern - 5" Center				



75 HP - Round Style Gearboxes Hub Not Included

Part #	Input	Output	Ratio	
#87856	1-3/8" Smooth	2" 15 Spline	1:1:46	
#87857	1-3/8" 6 Spline	2" 15 Spline	1:1:46	
Mounting Pattern: (4) 3/4" Holes - 8" Pattern - 5.5" Center				



90 HP - Square Style Gearboxes Hub Not Included

Part #	Input	Output	Ratio	
#89751	1-3/8" 6 Spline	2" 15 Spline	1:1:46	
#89753	1-3/4" 20 Spline	2" 15 Spline	1:1:46	
Mounting Pattern: (4) 3/4" Holes - 8" Pattern - 5.5" Center				



125 HP - Tall Square Style Gearboxes Hub Not Included

Part #	Input	Output	Ratio	
#106488	1-3/8" 6 Spline	2″ 15 Spline	1:1:46	
Mounting Pattern: (1) 3/4" Holes - 8" Pattern - 5.5" Center				



100 HP - T-Box Hub Not Included - For 8' and 10' Dual Spindle Mowers.

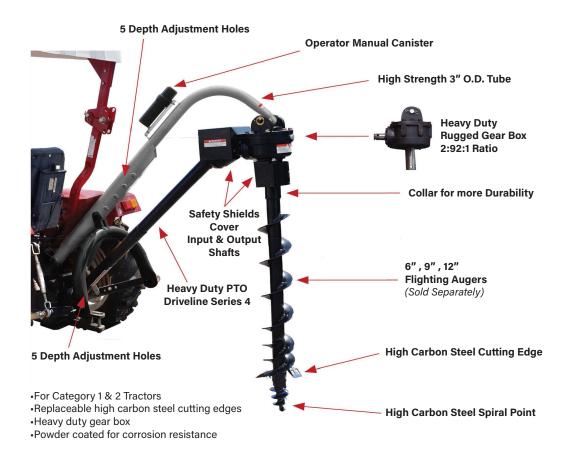
Part #	Input	Output	Ratio	
#89752	1-3/8" 6 Spline	1-3/8" 6 Spline x 1-3/8" 6 Spline	1:1:21	





Agmate® 3PT Post Hole Digger





Agmate 3PT PHD	Tractor Category	PTO Operating Speed	Gross Weight
#119982	Category 0	Never Exceed 540 RPM	150 lb.
#119983	Category 1	Never Exceed 540 RPM	160 lb.
#119984	Category 1 and 2	Never Exceed 540 RPM	180 lb.
#119985	Category 1 and 2	Never Exceed 540 RPM	235 lb.

Agmate® Augers *Sold Separately

6" Auger	9" Auger	12" Auger
#106428	#106429	#106430
#119986	#119987	#119988

Agmate® Replacement Cutting Edges *Sold in Pairs

<u> </u>		
6" Auger	9" Auger	12" Auger
#106421	#106422	#106423*
#119999	#119999	#119999

^{*}The 12" Auger Requires 2 Pairs of Cutting Edges.

Agmate® Replacement Spiral Point

<u> </u>	•
Part #	Description
#106417	Auger Replacement Tip to Fit 106431 and 106432
#119998	HD Auger Spiral Tip, Bolt-On Point



Grizzly Post Hole Digger



Grizzly® 44 HP Post Hole Digger Gearbox

Part #	Mount Distance	Input	Output	Ratio
87860	4 on 4.1 Pattern	1-1/4" Smooth	2" Smooth	2:92:1



Grizzly® 56 HP Post Hole Digger Gearbox

Part #	Mount Distance	Input	Output	Ratio
87861	4 on 4.1 Pattern	1-1/4" Smooth	2" Smooth	3:18:1



Grizzly® 70 HP Post Hole Digger Gearbox

Part #	Mount Distance	Input	Output	Ratio
109224	4 on 4.1 Pattern	1-1/4" Smooth	2" Smooth	4:1



Grizzly® Auger Point - Screw Point Style

Part #	O. A. Length	Mount Diameter	Hole Size	Center of Hole to Bottom
32107	6-1/4"	1.984"	5/8"	3/4"
119998	8-3/16"	1.98"	1/2"	1"



Grizzly® Auger Point - Fish Tail Style

Part #	O. A. Length	Mount Diameter	Hole Size	Center of Hole to Bottom
64093	6-1/4"	1.984"	5/8"	3/4"



Grizzly® Auger Cutting Edge - Cast Steel

Part #	O. A. Length	Width	Hole Size	А
48600	3-1/4"	2"	1/2" Square	1-1/8"
119999	3-1/16"	2"	1/2" Square	1-1/8"

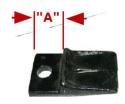




Grizzly® Auger Cutting Edge - Cast Steel

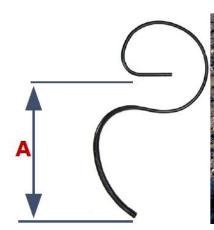
Part #	O. A. Length	Width	Hole Size	A
10422	3-3/16"	1-7/8"	1/2" Round	1-3/16"

To Fit Most 6", 9", 12", 18", and 24" Augers.



Agmate® S-Tine Shanks & Sweeps







Standard Duty S-Tine

Part #	Α	O. A. Height	Width	Thickness
104001	8.82"	12.52"	32mm	10mm
101599	14-1/2"	22"	32mm	10mm

Heavy Duty S-Tine

Part #	Α	O. A. Height	Width	Thickness
101600	14-1/2"	22"	32mm	12mm

High Clearance S-Tine

Part #	Α	O. A. Height	Width	Thickness
101601	18-1/2"	26"	32mm	12mm

High Clearance Heavy Duty S-Tine

Part #	Α	O. A. Height	Width	Thickness
101602	18-1/2"	26"	45mm	12mm

High Clearance S-Tine to fit JD 940-960 Cultivator (N185521)

Part #	Α	O. A. Height	Width	Thickness
102235	18-1/2"	26"	32mm	12mm

Agmate® S-Tine Shanks & Sweeps



S-Tine Clamps

Part #	To Fit: Shank Thickness	To Fit: Shank Width	To Fit Bar	Bolt Hole
102237	10mm	32mm	2" x 2"	12mm Round
104367	10mm	32mm	2" x 2"	13mm Round
102238	10mm / 12mm	32mm	2" x 2"	12mm Round
102236	12mm	45mm	2.5" x 2.5"	12mm Round
103026	12mm	45mm	3" x 3"	12mm Round



2 Hole S-Tine Sweep

Part #	Style	Width	Thickness	Bolt Holes
83231	Danish Type (Long Neck)	2-3/4"	6.35mm	7/16" elliptical



Single Hole Danish Sweeps - Aggressive Angle (32°)

Reference #	Style	Width	4.75mm (.187") Thick
3	Sharp "V" Type	4"	101399
4	Goosefoot Type	4"	101398
5	Sweep Type	7"	89992

These Sweeps are manufactured with a deflector bump under the 3/8" elliptical bolt for longer life.

Single Hole Danish Sweeps - Standard (42°)

Reference #	Style	Width	4.75mm (.187") Thick	6mm (.236") Thick
1	Reversible Spike	1-3/8"		74183
2	Sweep Type	2-3/4"	31124	29736
3	Sharp "V" Type	4"	90142	31126
4	Goosefoot Type	4"	30448	27286
5	Sweep Type	7"	15392	15397
6	Sweep Type	9"	15393	15399

These Sweeps are manufactured with a deflector bump under the 3/8" elliptical bolt for longer life.



Agmate® Landscaping Components





9.5" Cultipacker Wheel

Part #	Diameter	Width	Axle Size	# of Teeth	Material
62078	9.5"	2.28"	1.75"	15	Class 30 Gray Iron
105956	9.5"	2.28"	1.34"	15	Class 30 Grey Iron



15" Cultipacker Wheel

Part #	Diameter	Width	Axle Size	Material
69986A	15"	4"	2"	Class 30 Gray Iron



16.25" Cultipacker Wheel

Part #	Diameter	Width	Axle Size	# of Teeth	Material
107113	16.25"	4"	4.125"	24	Ductile Iron 65-45-12



Cultipacker Ring

Part #	Diameter	Width	I. D.	# of Teeth	Material
71907A	11.5"	2.26"	9.01"	18	Class 30 Gray Iron



Cultipacker Wheel Half Clamp

Part #	Diameter	To Fit
63937	Half Clamp	1-3/4" Round Bar

Landscaping Supplies



Harrow Spikes - Heated Treated Point

Part#	Description	Width	Length
110753	Square, No Head	5/8"	8"
110757	Square, No Head	3/4"	12"
110755	Square, No Head	3/4"	8"
110756	Square, With Head	3/4"	11"
110754	Diamond, With Head	5/8" x 7/8"	8"
110752	Diamond, No Head	5/8" x 7/8"	8"
110751	Diamond, 7/16" - 14 UNC Threads	5/8" x 7/8"	8"



Landscaping Supplies



3/4" Core Aerator Plugger Spoon



Part #	O.A. Length	Thickness	Mount Side O.D.	Bolts
46766	7.62"	3 mm	7/8"	(2) 3/8"

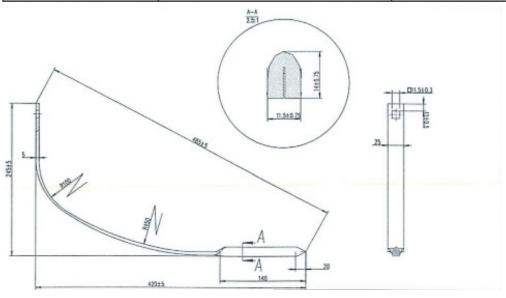
Grain Drill Chain

Part #	Notes
106020	Helps with seed germination by covering seeds in furrow.



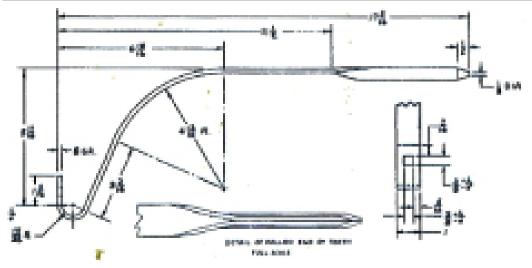
Weeder Teeth

Part #	Length	Bolt
51393	16-1/2"	3/8"



King Style Weeder Teeth

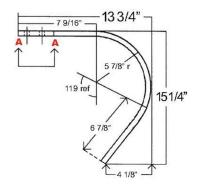
Part #	Length	Bolt
11674	17-3/16"	3/8"



Agmate® Landscape Rake Tines



13/32"



Chinese Rake Tine

1	3/8" , 13/32"
1"**	\$

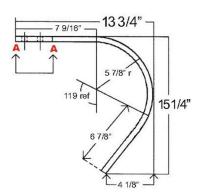
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Part #	Width	Thickness	Material
71350	1"	5/16"	Heat Treated 5160-RC 38-42

Italian Rake Tine

Part #	Width	Thickness	Material
10454	1"	5/16"	Heat Treated 5160-RC 38-42
54882	1"	5/16"	Heat Treated 5160-RC 38-42
52591	1"	5/16"	Heat Treated 5160-RC 38-42

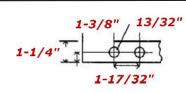
Two Hole Rake Tines —————

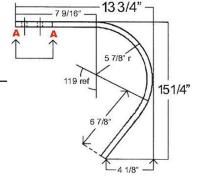


Italian Rake Tine

Part #	Width	Thickness	Material
33913	1"	5/16"	Heat Treated 5160-RC 38-42

Two Hole Heavy Duty Rake Tine -





Italian Rake Tine

Part #	Width	Thickness	Material	Weight
46796	11/4"	3/8"	Heat Treated 5160-RC 38-42	3 lbs

Landscape Rake Clamp —————

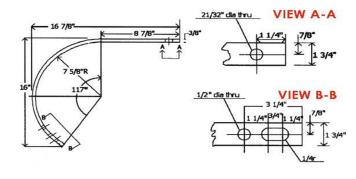


Part #	Length	Number of Bolts	Bolt Spacing	Bolt Spacing	Weight
58917	12"	6	.394 from end to first hole	2" Center to Center	1.1 lbs





Cultivator "C" Shank



Part #	Width	Thickness	Length x Height	Material
10406	1-3/4"	3/8"	16-7/8" x 16"	Heat Treated 5160 - RC 38-42



Field Cultivator Point

Part #	Length	Width	Thickness		Bolts
15511	11"	2"	1/4"	(2) 7/16" Bolts	Fits: 1-1/4" to 2-1/4" centers



Field Cultivator Point

Part #	Length	Width	Thickness		Bolts
108019	11"	2.5"	5/16"	(2) 7/16" Bolts	Fits: 1-1/4" to 2-1/4" centers

Field Cultivator Point with Swedged Ends



Part #	Length	Width	Thickness	Bolts
87350	11"	2"	3/8"	(2) 7/16" Bolts - 1.75" center to center
108013	10"	1-3/4"	5/16"	(2) 7/16" Bolts - 1.75" center to center

Field Cultivator Sweeps

Part #	Width	Thickness	Stem Angle	Mounting Pattern (Grade 5 Plow Bolts - #3 Head)
15515	4"	1/4"	47%	(2) 7/16" Bolts on 1-3/4" Center
15366	6"	1/4"	47%	(2) 7/16" Bolts on 1-3/4" Center
15518	7"	1/4"	47%	(2) 7/16" Bolts on 1-3/4" Center
15519	8"	1/4"	47%	(2) 7/16" Bolts on 1-3/4" Center
15520	9"	1/4"	47%	(2) 7/16" Bolts on 1-3/4" Center
15521	10"	1/4"	47%	(2) 7/16" Bolts on 1-3/4" Center
15418	12"	1/4"	47%	(2) 7/16" Bolts on 1-3/4" Center





Single Hole Danish Sweeps - Standard (42°)

Item #	32642	32643	32644	32645	32647
Length	1-1/2"	1-3/4"	2"	2-1/2"	3"





Row Crop Sweeps

Part#	Width	Thickness	Stem Angle	Mounting Pattern (Grade 5 Plow Bolts - #3 Head)
15339	4"	1/4"	54%	(2) 7/16" Bolts on 2" Center
15341	6"	1/4"	54%	(2) 7/16" Bolts on 2" Center
15343	8"	1/4"	54%	(2) 7/16" Bolts on 2" Center
15345	10"	1/4"	54%	(2) 7/16" Bolts on 2" Center
15347	12"	1/4"	54%	(2) 7/16" Bolts on 2" Center
15349	14"	1/4"	54%	(2) 7/16" Bolts on 2" Center
15355	16"	1/4"	54%	(2) 7/16" Bolts on 2" Center
15361	18"	1/4"	54%	(2) 7/16" Bolts on 2" Center
15363	20"	1/4"	54%	(2) 7/16" Bolts on 2" Center
15365	22"	1/4"	54%	(2) 7/16" Bolts on 2" Center
15367	24"	1/4"	54%	(2) 7/16" Bolts on 2" Center
15369	26"	1/4"	54%	(2) 7/16" Bolts on 2" Center
52656	28"	1/4"	54%	(2) 7/16" Bolts on 2" Center
52657	30"	1/4"	54%	(2) 7/16" Bolts on 2" Center







"Upset" Chisel Plow Point



ĺ	Part #	Length	Width	Thickness	Mounting Pattern (Grade 5 Plow Bolts - #3 Head)
	15452	17-1/2"	2"	5/8"	(2) 1/2" Bolts on 2-1/4" Centers

Chisel Plow Point



Part #	Length	Width	Thickness	Mounting Pattern (Grade 5 Plow Bolts - #3 Head)
76545	16-3/4"	2"	5/8"	(2) 1/2" Bolts on 2-1/4" Centers

Chisel Plow Point (Also known as - SD225)



Part #	Length	Width	Thickness	Mounting Pattern (Grade 5 Plow Bolts - #3 Head)
109239	19-1/2"	2"	7/8"	(2) 1/2" Bolts on 2-1/4 to 2-1/2"" Centers

Shovel Point - Reversible



Part #	Length	Width	Thickness	М	ounting Pattern
87349	11"	2"	5/16"	(2) 7/16" Bolts	Fits: 1-1/4" to 2-1/4" Centers
87350	11"	2"	3/8"	(2) 7/16" Bolts	Fits: 1-1/4" to 2-1/4" Centers

Item# 87349 compares to 210UB.)

7/16" Plow Bolts - Grade 5 - #3 Head (6 Bolts & Nuts per bag.)

Item #	32642	32643	32644	32645	32647
Length	1-1/2"	1-3/4"	2"	2-1/2"	3"





12" Furrower

Part #	Wing Width	Cutting Width	Thickness	Material
48818	12"	9.25"	3/16"	Heat Treated C1080 Steel

Bolt Pattern: (2) 7/16" CTSK holes on 2-1/4" centers x (1) 5/8" Center Carriage Bolt.

16" Furrower

Part #	Wing Width	Cutting Width	Thickness	Material
36793	16"	10"	3/16"	Heat Treated C1080 Steel

Bolt Pattern: (2) 7/16" CTSK holes on 2-1/4" centers x (1) 5/8" Center Carriage Bolt.





11" Furrower (Single Hole) Bolt Pattern: Single 3/4" carriage bolt. Wing Width **Cutting Width** Part # **Thickness** Material

1/4"

(Compares to: 11w sq.)

11" Furrowers (Slotted) Bolt Pattern: (2) 7/16" CTSK holes on 2-1/4" centers.

Heat Treated C1080 Steel

Part #	Wing Width	Cutting Width	Thickness	Material
87358	11"	9"	1/4"	Heat Treated C1080 Steel

(Compares to: 11w slot.)

Part #	Wing Width	Cutting Width	Thickness	Material
87356	11"	8"	1/4"	Heat Treated C1080 Steel

(Compares to: 11n slot.)



Cutting Width

Snub Nose Furrowers (Compares to: 615 & 618.)

Part #	Wing Width	Cutting Width	Thickness	Material
87352	15"	12"	1/4"	Heat Treated C1080 Steel
87355	20"	15"	1/4"	Heat Treated C1080 Steel

Bolt Pattern: (2) 7/16" CTSK holes on 2-1/4" centers x (1) 5/8" Center Carriage Bolt.

Wing Width Cuttina Width

Irrigation Shovel

Part #	Wing Width	Cutting Width	Thickness	Material
90143	8-1/2"	7"	3/16"	Heat Treated C1080 Steel

7/16" Plow Bolts - Grade 5 - #3 Head (6 Bolts & Nuts per bag.)

Item #	32642	32643	32644	32645	32647
Length	1-1/2"	1-3/4"	2"	2-1/2"	3"







Subsoiler Points

Reference #	Part #	Description	Туре	Thickness	Point Width	O.A. Length	Weight
1	108034	KMC 152	Boot	1"	2-1/2"	11"	7.87 lbs
2	108024	KMC 116 & JD 112	Bolt On	1"	2-1/2"	12"	7.6 lbs
3	108023	KMC 134	Boot	1-1/4"	1-3/4"	10-7/8"	6.85 lbs
4	108029	KMC 114 (narrow)	Boot		1-1/4"	11"	5 lbs
5	108030	KMC SS Point	Boot	1-1/4"	1-3/4"	10-7/8"	6.85 lbs
6	108038	Paulk 118	Boot	1"	2"	12"	7 lbs
7	108026	Lilliston 132	Bolt On	1"	2-1/2"	12"	7.7 lbs
8	108035	Bush Hog 110	Boot	1"	2-1/2"	8-7/8"	6.44 lbs
9	108022	Blanton BL912	Bolt On	1/2"	2-5/8"	12"	4.05 lbs
11	108025	JD 136	Boot	1"	2-1/2"	12"	9.25 lbs
12	108037	JD 120 (narrow)	Bolt On	1"	2"	12-1/4"	7.5 lbs
13	108044	W & A 126	Boot	1"	2"	10"	6.62 lbs
14	108040	Forrest City (steel)	Boot	1"	2"	8-3/4"	5.75 lbs
15	27164	FCMW & Cole (cast steel)	Boot		2-3/16"	8"	5.63 lbs
16	108028	Taylorway T138	Bolt On	1"	2-1/4"	13-1/4"	6.45 lbs
17	108039	IH-150	Boot	1"	2-1/2"	10"	7.45 lbs
18	108036	Brillion	Boot	3/4"	2"	10-1/2"	6 lbs
20	108031	KMC (narrow)	Boot	3/4"	2"	11"	8.50lbs
20	108032	KMC (narrow)	Boot	3/4"	1-1/4"	11"	8.50 lbs
20	108033	KMC (narrow)	Boot	1"	2"	11"	8.80 lbs

Wear Shins

Reference #	Part #	Description	Туре	Thickness	O.A. Length	Weight
10	15493	KMC Wear Strip (Cast Steel)	Roll Pin	1-3/8"	12"	3.87 lbs.
10	39580	KMC Wear Strip (Cast Steel)	Roll Pin	1-3/8"	10"	3.80 lbs.
19	27165	Forrest City Wear Strip (Cast Steel)		1-3/4"	12-7/8"	7.65 lbs.

Agmate® Rolling Cultivator Spiders



4 Gang Complete Assemblies

Part #	Description	Weight
49441	14-1/2" - 4 Gang Assembly Complete (Left Hand) (# 2)	60 lbs.
49442	14-1/2" - 4 Gang Assembly Complete (Right Hand) (# 1)	60 lbs.
49445	16" - 4 Gang Assembly Complete (Left Hand) (# 2)	68.3 lbs.
49446	16" - 4 Gang Assembly Complete (Right Hand) (# 1)	68.3 lbs.

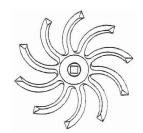


5 Gang Complete Assemblies

Part #	Description	Weight
49443	14-1/2" - 5 Gang Assembly Complete (Left Hand) (# 2)	70 lbs.
49444	14-1/2" - 5 Gang Assembly Complete (Right Hand) (# 1)	70 lbs.
49447	16" - 5 Gang Assembly Complete (Left Hand) (# 2)	70 lbs.
49448	16" - 5 Gang Assembly Complete (Right Hand) (# 1)	70 lbs.

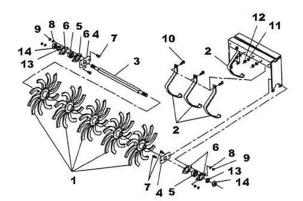
Spider Wheels

Reference #	Part #	Description	Weight
1	25937	14-1/2" Spider Wheel (Left Hand) (# 2)	8.75 lbs.
1	25938	14-1/2" Spider Wheel (Right Hand) (#1)	8.75 lbs.
1	34651	16" Spider Wheel (Left Hand) (# 2)	10.5 lbs.
1	34652	16" Spider Wheel (Right Hand) (#1)	10.5 lbs.



Components (Fasteners available upon request.)

Reference #	Part #	Description
2	34643	Scraper Assembly for 14-1/2" to 16" (Heat Treated)
3	106397	4 Gang Axle - 15/16" x 18.25"
3	106398	5 Gang Axle - 15/16" x 21.5"
	29799	Inner Rear Seal Guard
4	29800	Inner Seal Guard (Requires 2)
	29801	Outer Seal Guard
5	32629	205PPB7 / BCA#205TTH Bearing
6	17972	Flange (Requires 4)



Single Direction Spider Wheel - 4 Gang Complete Assembly

	Part #	Description
ĺ	84756	15" - 4 Gang Assembly Complete

Single Direction Spider Wheel - 5 Gang Complete Assembly

Part #	
84757	15" - 5 Gang Assembly Complete

Single Direction Spider Wheel

0	•	
Part #	Description	Material
75765	15" Single Direction Spider Wheel	Ductile Iron 80-55-06



Trailer Accessories



Ball Couplers - (A-Frame)

Part #	Fits Ball	Tongue Width	Capacity	Mount	Mounting Hole
87917	2"	3"	5,000 lb.	Weld or Bolt	3/8" on 3.17"
87918	2-5/16"	3"	10,000 lb.	Weld	1/2" on 3"



Ball Couplers (Standard)

Part #	Fits Ball	Tongue Width	Capacity	Mount	Mounting Hole
87911	1-7/8"	2"	2,000 lb.	Weld or Bolt	3/8" on 2-1/4"
87912	1-7/8"	2-1/2"	2,000 lb.	Weld or Bolt	3/8" on 2-1/4"
87915	2"	2-1/2"	3,500 lb.	Weld or Bolt	1/2" on 3-1/16" Center
87916	2"	3"	3,500 lb.	Weld or Bolt	1/2" on 3-1/16" Center
87914	2"	2"	3,500 lb.	Weld or Bolt	1/2" on 3-1/16" Center



3 Position Channel

Part #	O.A. Length	Internal Width	Distance Between Position Holes	Position Hole Diameter	Mounting Holes	Mounting Hole Center
116689	7.53"	3"	2.0"	5/8"	2 (5/8")	5.07"
116690	11.62"	3"	2.0"	5/8"	2 (1/2")	5"



Adjustable Clevis

Part #	Pin Size	Inside Height	Mounting Holes	Trailer GVW	Max. Vertical
83661	1.0"	2.5"	5/8"	20k	2k



Part #	Description	Working Load Limit	Grade
102420	3/16" Proof Coil Chain (Galvanized)	800 lb.	30
102422	5/16" Proof Coil Chain (Galvanized)	1,900 lb.	30
102423	3/8" Proof Coil Chain (Galvanized)	2,650 lb.	30



Part #	Description
116579	Receiver Tube 6" Length x 2" SQ
131717	Receiver Tube 9" Length x 2" SQ
116580	25/16" x 1" x 21/8" Hitch Ball w/
131716	25⁄₁6″ Trailer Ball Weld On
105849	Hitch Ball 25/16" x 21/2" Shank

Trailer Accessories



5 Bolt Hub Assembly for Tapered Spindle (Complete Kit - All Parts Included)

Part #	Bearing I.D.	Hub Width	Lug Pattern	Capacity
66666	1-1/16" and 1-3/8"	4-3/16"	5 on 4-1/2" Circle	1,750 lb.



Tapered Spindle Assembly (To Fit Hub Part# 66666)

Part #	O.A. Length	Dimension A	Diameter B	Diameter C	Capacity
25685	7-1/2"	4-6/16"	1-3/4"	1-1/16" to 1-3/8"	1,750 lb.
25686	10"	4-5/16"	1-3/4"	1-1/16" to 1-3/8"	1,750 lb.

$4 \ Bolt \ Hub \ \hbox{\scriptsize (Hub, Races, Bolt Only)} \ \textit{Order parts kit below to complete the hub.}$

Part #	Hub Width	Lug Pattern	Capacity
25669	4-7/16"	4 on 4"	1,250 lb.



$5 \ Bolt \ Hub \ \hbox{\scriptsize (Hub, Races, Bolt Only)} \ \textit{Order parts kit below to complete the hub}.$

Part #	Hub Width	Lug Pattern	Capacity
25670	4-1/8"	5 on 4-1/2" Circle	1,250 lb.



Parts Kit for 1,250 lb. Hubs (Lug Nuts, Seals, Bearings, and Cap.)

Part #	To Fit	Bearing I.D.
83062	4 or 5 Stud Hub (5 Nuts Included)	1"
83060	4 or 5 Stud Hub (5 Nuts Included)	1-1/16"



Spindle Assembly for 1,250 lb. Hubs

Part #	O.A. Length	Dimension A	Diameter B	Diameter C	Capacity
25684	8-1/2"	4-1/8"	1-1/4"	1"	1,250 lb.
83057	8-1/2"	4-1/8"	1-1/4"	1-1/16"	1,250 lb.



Trailer Accessories





Topwind

Wheeled Flange Mount, Sidewind



Tube Mount, Sidewind



Tube Mount, Topwind



A-Frame, Topwind

1,000 lb. Trailer Jacks

l	Part #	Description	Lift Height	Lift Capacity	Weight
	87894	Wheeled Flange Mount, Sidewind	10"	1,000 lb.	15 lb.

2,000 lb. Trailer Jacks

Part #	Description	Lift Height	Lift Capacity	Weight
107378	A-Frame, Topwind	15"	2,000 lb.	13 lb.
87903	Flange Mount, Topwind	10"	2,000 lb.	15 lb.
107384	Tube Mount, Topwind		2,000 lb.	14 lb.
106571	Tube Mount, Topwind	15"	2,000 lb.	17 lb.

5,000 lb. Trailer Jacks

Part #	Description	Lift Height	Lift Capacity	Weight
107380	A-Frame, Topwind	15"	5,000 lb.	14 lb.
107381	Tube Mount, Sidewind, 5/8" pin	10"	5,000 lb.	15 lb.
107377	Tube Mount Sidewind, 9/16" pin	10"	5,000 lb.	15 lb.
106569	Flange Mount, Topwind	15"	5,000 lb.	21 lb.
106570	Tube Mount, Topwind	15"	5,000 lb.	20 lb.

10,000 lb. Trailer Jacks

Part #	Description	Lift Height	Lift Capacity	Weight
87909	Square Direct Weld, Sidewind	12.5"	10,000 lb.	57 lb.

Tube Mount

Part #	Description	Pin Hole
108437	Weld on tube mount	5/8"
108438	Weld on tube mount	9/16"

Bearings, Roller Chain, Sprockets



3-TIER PRICING AVAILABLE

- Full Containers: direct ship to east, west, or gulf coast ports
- Volume: 20,000 lb. minimum
 FOB Selma, NC
- Warehouse: \$1,000.00 minimum FOB Selma, NC

Available Stock Bearings

- Disc Harrow Bearings
- Pillow Block Bearings
- Cast Flange Bearings
- Tapered Roller Bearings
- Radial Ball Bearings



Agmate stocks a wide variety of types of Bearings produced in ISO 9001 Factories that meet, or exceed, the standards of the American Bearing Manufacturers Association (ABMA). Special order sizes/styles available.



Roller Chains & Sprockets

Agmate stocks a wide range of roller chain, connecting links, and chain sprockets that are produced in ISO TS16969 certified factories. The manufacturing process produces chain that meets, or exceeds, ANSI standards. The pre-stretched roller chain is treated with rust prohibitive oil and packaged in 10 ft. boxes or 50/100 ft. rolls.

Special Order chain - Cut to length, stainless steel, and nickel plated is available to accommodate specific applications.

The Agmate Advantage

Blanket Orders welcome. Agmate will make every effort to make sure your needs are in stock for your specified release dates. This keeps your valuable capital free to use until product is needed. We work in partnership with customers' projected needs, assuring you a source for quick shipments.

Cross reference numbers and reference to manufacturers names are not to imply original OEM components.

S-1 S-1

Insert Bearings



UC and HC Series Bearings - Spherical (Rounded O.D.)

Bearing	Similar to		Dimensio	ns in Inch	es	
Description	Fafnir No.	I.D.	O.D.	В	С	Relube
	A. Set Screw • Spherical	(Rounded)	O.D.			
UC 204-12	GC1012KRRB	3/4	1.85	.63	1.22	Yes
UC 205-14	GC1014KRRB	7/8	2.05	.67	1.34	Yes
UC 205-15	GC1015KRRB	¹⁵ / ₁₆	2.05	.67	1.34	Yes
UC 205-16	GC1100KRRB	1	2.05	.67	1.34	Yes
UC 206-18	GC1102KRRB	11/8	2.44	.75	1.50	Yes
UC 206-19	GC1103KRRB	13/16	2.44	.75	1.50	Yes
UC 206-20	GC1103KRRB3	11/ _{4SM}	2.44	.75	1.50	Yes
UC 207-20	GC1104KRRB	11/4	2.83	.79	1.69	Yes
UC 207-22	GC1106KRRB	13/8	2.83	.79	1.69	Yes
UC 207-23	GC1107KRRB	17/16	2.83	.79	1.69	Yes
UC 208-24	GC1108KRRB	11/2	3.15	.83	1.94	Yes
UC 209-28	GC1112KRRB	13/4	3.35	.87	1.94	Yes
UC 210-31	GC114KRRB	1 ¹⁵ /16	3.54	.91	2.03	Yes
UC 211-32	GC1200KRRB	2	3.94	.94	2.19	Yes
	B. Eccentric Collar • Spheri	cal (Rounde	ed) O.D.			
HC 204-12	G1012KRRB	3/4	1.85	.63	1.72	Yes
HC 205-16	G1100KRRB	1	2.05	.67	1.75	Yes
HC 206-18	G1102KRRB	11/8	2.44	.75	1.91	Yes
HC 206-19	G1103KRRB	13/16	2.44	.75	1.91	Yes
HC 206-20	G1103KRRB3	11/ _{4sm}	2.44	.75	1.91	Yes
HC 207-20	G1104KRRB	11/4	2.83	.79	2.02	Yes
HC 207-22	G1106KRRB	13/8	2.83	.79	2.02	Yes
HC 207-23	G1107KRRB	17/16	2.83	.79	2.02	Yes
HC 208-24	G1108KRRB	11/2	3.15	.86	2.22	Yes
HC 209-28	G1112KRRB	13/4	3.35	.87	2.22	Yes
HC 211-32	G1200KRRB	2	3.94	.94	2.81	Yes
HC 211-35	G1203KRRB	23/16	3.94	.94	2.81	Yes
HC 215-47	G1215KRRB	215/16	5.12	1.18	3.37	Yes









Bearing	Similar to	Dimensions in Inches				
Description	Fafnir No.	I.D.	O.D.	В	С	Relube
	A. Set Screw • Spherical	(Rounded)	O.D.			
SB 202-10	YA010RRB	5/8	1.57	.47	.87	No
SB 204-12	YA012RRB	3/4	1.85	.55	.98	No
SB 204-12	YA012RRB	3/4	1.85	.55	.98	No
SB 205-14	YA014RRB	YA014RRB 7/8 2.05		.59	1.06	No
SB 205-16	YA100RRB	1	2.05	.59	1.06	No
SB 206-18G	YA102RRB	11/8	2.44	.63	1.18	Yes
SB 206-19	YA103RRB	13/16	2.44	.63	1.18	No
SB 206-20	YA103RRB2	11/ _{4sm}	2.44	.63	1.18	No
SB 206-20G	YA103RRB2	11/ _{4sm}	2.44	.63	1.18	Yes
SB 207-20G	YA104RRB2	11/4	2.83	.67	1.26	Yes
SB 207-20	YA104RRB	11/4	2.83	.67	1.26	No
SB 207-23	YA107RRB	17/16	2.83	.67	1.26	No
SB 207-23G	YA107RRB	17/16	2.83	.67	1.26	Yes
SB 20/-24	YA108RRB	11/2	3.15	.71	1.34	No
	B. Eccentric Collar • Spheric	cal (Rounde	ed) O.D.			
SA 202-10	RA010RRB	5/8	1.57	.51	1.12	No
SA 204-12	RA012RRB	3/4	1.85	.55	1.22	No
SA 205-14	RA014RRB	7/8	2.04	.59	1.22	No
SA 205-16G	GRA100RRB	1	2.04	.59	1.22	No
SA 206-18	RA102RRB	11/8	2.44	.63	1.41	No
SA 206-19	RA103RRB	1 ³ / ₁₆	2.44	.63	1.41	No
SA 206-20	RA103RRB2	11/ _{4sm}	2.44	.63	1.41	No
SA 206-20G	GRA103RRB2	11/4	2.44	.63	1.41	Yes
SA 207-20	RA104RRB	11/4	2.83	.67	1.53	No
SA 207-22	RA106RRB	13/8	2.83	.67	1.53	No
SA 207-23	RA107RRB	17/16	2.83	.67	1.53	No
SA 208-24	RA108RRB	11/2	3.14	.71	1.72	No









Mounted Bearings



Four-Bolt Flange Bearings

- Interchangeable with most domestics including Fafnir RJC, Browning VF4 and Sealmaster SF & RF
- Cast Iron Housings
- Regreasable

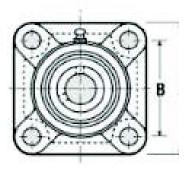
Set Screw Collar

Bearing		Dimension	ns in Inches	Bolt
Description	I.D.	A	В	Size
UCF 201-8	1/2	33/8	233/64	3/8
UCF 202-10	5/8	33/8	233/64	3/8
UCF 204-12	3/4	33/8	233/64	3/8
UCF 205-14	7/8	33/4	23/4	3/8
UCF 205-16	1	33/4	23/4	3/8
UCF 206-18	11/8	41/4	317/64	3/8
UCF 206-19	1 ³ / ₁₆	41/4	317/64	3/8
UCF 206-20	11⁄4	41/4	317/64	3/8
UCF 207-20	11⁄4	4 ¹⁹ / ₃₂	35/8	7/16
UCF 207-22	13/8	4 ¹⁹ / ₃₂	35/8	7/16
UCF 207-23	17⁄16	4 ¹⁹ / ₃₂	35/8	7/16
UCF 208-24	1½	51/8	41/64	5/8
UCF 208-24	1½	51/8	41/64	1/2
UCF 209-26	15/8	5 ¹³ / ₃₂	49/64	1/2
UCF 209-27	111/16	5 ¹³ / ₃₂	49/64	1/2
UCF 209-28	13/4	5 ¹³ / ₃₂	49/64	1/2
UCF 210-31	1 ¹⁵ ⁄16	55/8	43/8	1/2
UCF 210-32	2	55/8	43/8	1/2
UCF 211-32	2	63/8	51/8	5/8
UCF 211-35	23/16	63/8	51/8	5/8
UCF 212-36	21/4	67/8	55/8	5/8
UCF 212-39	27/16	67/8	55/8	5/8
UCF 213-404	21/2	73/8	555/64	5/8
UCF 215-47	215/16	73/8	617/64	5/8
UCF 215-48	3	73/8	617/64	5/8

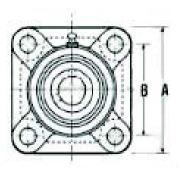


Bearing	ing Dimensions in Inches			Bolt
Description	I.D.	A	В	Size
HCF 204-12	3/4	33/8	21/2	3/8
HCF 205-16	1	33/4	23/4	3/8
HCF 206-20	11⁄4	41/4	39/32	3/8
HCF 207-20	11⁄4	45/8	35/8	7∕16
HCF 207-22	13/8	45/8	35/8	7∕16
HCF 207-23	17/16	45/8	35/8	7∕16
HCF 208-24	11/2	51/8	4	1/2
HCF 209-28	13/4	53/8	41/8	9/16
HCF 210-31	1 ¹⁵ ⁄16	53/8	43/8	9/16
HCF 211-32	2	63/8	51/8	5/8
HCF 212-39	27/16	67/8	53/8	5/8









S-3 S-3

Mounted Bearings



Two-Bolt Flange Bearings

- Interchangeable with most domestics including Fafnir RCJTC, Browning VF2 and Sealmaster SFT
- Cast Iron Housings
- Regreasable

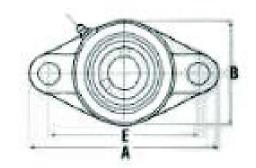
Set Screw Collar

Bearing		D	imensions in Inche	es	Bolt	Ship
Description	I.D.	A	E	В	Size	Weight
UCF 201-8	1/2	47/16	335/64	23/8	3/8	2
UCF 202-10	5/8	47/16	335/64	23/8	3/8	2
UCF 204-12	3/4	47/16	335/64	23/8	3/8	2
UCF 205-14	7/8	51/8	3 ⁵⁷ / ₆₄	211/16	1/2	2
UCF 205-16	1	5½	357/64	211/16	7/16	2
UCF 205-16	1	5½	3 ⁵⁷ / ₆₄	211/16	5/8	2
UCF 206-18	11⁄8	5 ¹³ ⁄16	4 ³⁹ / ₆₄	35/32	1/2	3
UCF 206-19	1 ³ / ₁₆	5 ¹³ ⁄16	4 ³⁹ / ₆₄	35/32	1/2	3
UCF 206-20	11⁄4	5 ¹³ ⁄16	4 ³⁹ / ₆₄	35/32	1/2	3
UCF 207-20	11⁄4	6½	5½	3¾	1/2	3
UCF 207-22	13/8	611/32	51/8	317/32	1/2	3
UCF 207-23	17/16	611/32	51/8	317/32	1/2	3
UCF 208-24	1½	67/8	5 ⁴³ / ₆₄	41/8	1/2	4
UCF 209-28	13/4	713/32	5 ⁵³ / ₆₄	41/8	5/8	5
UCF 211-32	2	8 ¹³ / ₁₆	71/4	51/8	5/8	7

Eccentric Collar

Bearing		D	imensions in Inche	Bolt	Ship Weight	
Description I.D.		A	E	В		
SAFL 205-14	7/8	33/4	3	21/2	5⁄16	2
SAFL 205-16G	1	47/8	3 ⁵⁷ / ₆₄	23/4	3/8	2
SAFL 205-16	1	47/8	357/64	23/4	3/8	2
SAFL 206-20G	11/4	5%	4 ¹⁹ / ₃₂	31/4	1/2	3





S-4 S-4

Mounted Bearings

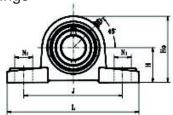


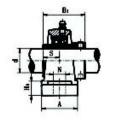
Pillow Block Bearings

• Interchangeable with most domestics, including Fafnir RASC, Browning VPS & VPE, and Sealmaster NP & RP

Cast Iron Housings

Regreasable







		Set Screw	Collar			
			Dimension	ns in Inches	<u>. </u>	1
Bearing Description	I.D.	A	В	С	D	Bolt Size
UCP 201-08	1/2	5	33/4	13/16	213/32	3/8
SBLP 202-10	5/8	41/2	37/16	13/16	21/4	3/8
UCP 202-10	5/8	5	33/4	13/16	213/32	3/8
UCP 204-12	3/4	5	33/4	15/16	21/2	3/8
P204 housing only for 1.85" OD	3/4	5	33/4	15/16	217/32	3/8
UCP 205-14	7/8	5½	41/8	17/16	23/4	1/2
UCP 205-16	1	5½	41/8	17/16	23/4	1/2
UCP 206-18	11/8	65/16	43/4	111/16	37/32	1/2
UCP 206-19	13/16	65/16	43/4	111/16	37/32	1/2
UCP 206-20	11/4	65/16	43/4	111/16	37/32	1/2
UCP 207-20	11/4	69/16	43/4	17/8	35/8	1/2
UCP 207-22	13/8	69/16	43/4	17/8	35/8	1/2
UCP 207-23	17/16	69/16	43/4	17/8	35/8	1/2
UCP 208-24	11/2	73/32	53/8	1 ¹⁵ / ₁₆	327/32	1/2
UCP 209-26	15/8	77/16	53/4	21/8	45/32	1/2
UCP 209-27	111/16	77/16	53/4	21/8	45/32	1/2
UCP 209-28	13/4	77/16	53/4	21/8	45/32	1/2
UCP 210-30	17/8	81/32	61/4	21/4	413/32	5/8
UCP 210-31	115/16	81/8	61/4	21/4	47/16	5/8
UCP 210-32	2	81/8	61/4	21/4	47/16	5/8
UCP 211-32	2	817/32	623/32	21/2	429/32	5/8
UCP 211-35	23/16	817/32	623/32	21/2	429/32	5/8
UCP 212-36	21/4	93/8	75/16	23/4	5 ¹⁵ / ₃₂	5/8
UCP 212-38	23/8	93/8	75/16	23/4	5 ¹⁵ / ₃₂	5/8
UCP 212-39	27/16	93/8	75/16	23/4	515/32	5/8
UCP 213-40	21/2	105/16	8	3	57/8	3/4
UCP 215-47	215/16	1025/32	817/32	31/4	63/8	3/4
UCP 215-48	3	1025/32	817/32	31/4	63/8	3/4
00. 2.0 .0		Eccentric		071		-
HCP 202-10	5/8	5	33/4	113/16	213/32	3/8
HCP 204-12	3/4	5	33/4	15/16	21/2	3/8
HCP 205-14	7/8	5½	41/8	17/16	23/4	3/8
HCP 205-16	1	5½	41/8	17/16	23/4	3/8
HCP 206-18	11/8	65/16	43/4	111/16	37/32	1/2
HCP 206-19	13/16	65/16	43/4	111/16	37/32	1/2
HCP 206-20	11/4	65/16	43/4	111/16	37/32	1/2
HCP 207-20	11/4	69/16	431/32	17/8	35/8	1/2
HCP 207-22	13/8	69/16	431/32	17/8	35/8	1/2
HCP 207-23	17/16	69/16	431/32	17/8	35/8	1/2
HCP 208-24	11/2	73/32	53/8	115/16	327/32	1/2
HCP 209-28	13/4	77/16	53/4	21/8	45/32	1/2
HCP 210-31	115/16	81/32	61/4	21/4	413/32	5/8
HCP 210-32	2	81/32	61/4	21/4	413/32	5/8
HCP 211-32	2	817/32	625/32	21/2	4 ²⁹ / ₃₂	5/8
HCP 211-35	33/16	817/32	625/32	21/2	4 ²⁹ / ₃₂	5/8
HCP 212-39	27/16	93/8	75/16	23/4	513/32	5/8
HCP 215-47	215/16	1025/32	817/32	31/4	63/8	3/4

S-5

Flanges



2-Bolt Stamped Flange

Part #	Size (Bearing OD)	Туре	Bolts	Style	Lutco #	Manitou #
17970	47MM	Flange	2	Non-relube	47MST-ZP	47M-2ZP
17972	52MM	Flange	2	Non-relube	52MST-ZP	52M-2ZP
32743	62MM	Flange	2	Non-relube	62MST-ZP	62M-2ZP



3-Bolt Round Stamped Flange

Part #	Size (Bearing OD)	Туре	Bolts	Style	Lutco #	Manitou #
17968	40MM	Round	3	Non-relube	40MS-ZP	40MM-3ZP
17969	47MM	Round	3	Non-relube	47MS-ZP	47MM-3ZP
30540	52MM	Round	3	Relube	G52MSA-ZP	52MM-3GZP
17971	52MM	Round	3	Non-relube	52MS-ZP	52MM-3ZP
17973	62MM	Round	3	Non-relube	62MS-ZP	62MM-3ZP
17974	72MM	Round	3	Non-relube	72MS-ZP	72MM-3ZP



4-Bolt Round Stamped Flange

Part #	Size (Bearing OD)	Туре	Bolts	Style	Lutco #	Manitou #
17976	80MM	Round	4	Relube	G80MSA-ZP	80MM-4GZP
17975	80MM	Round	4	Non-relube	80MS-ZP	80MM-4ZP
17979	85MM	Round	4	Relube	G85MSA-ZP	85MM-4GZP
17978	85MM	Round	4	Non-relube	85MS-ZP	85MM-4ZP
17982	90MM	Round	4	Non-relube	90MS-ZP	90MM-4ZP
17984	100MM	Round	4	Relube	G100MSA-ZP	100MM-4GZP
17983	100MM	Round	4	Non-relube	100MS-ZP	100M-4ZP



4-Bolt Square Stamped Flange

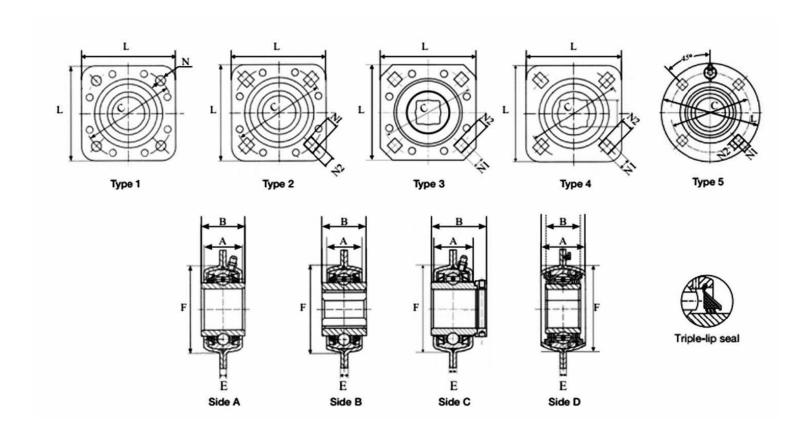
Part #	Size (Bearing OD)	Туре	Bolts	Style	Lutco #	Manitou #
17977	80MM	Square	4	Relube	G80MSB-ZP	80MM-4GPZP
17980	85MM	Square	4	Relube	G85MSB-ZP	85MM-4GPZP
17981	87MM	Square	4	Non-relube	87MS-SZP	87MM-4ZP
17985	100MM	Square	4	Relube	G100MSB-ZP	100MM-4GPZP



S-6 S-6

ST Series Disc Harrow Bearings





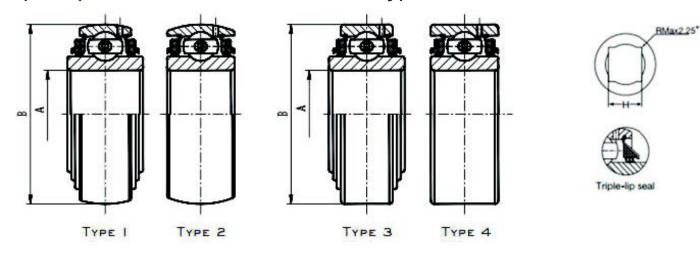
Bearing	Ту	pe	Shaft		Dimensions in Inches								Load Rating Dynamic Static	
Description	Front	Side	Size	Α	В	С	E	F	L	N1	N2	(LI	3S)	
208 Series														
ST208-1N	3	В	1 SQ.	1.378	1.503	4.687	0.276	3.570	4.764	0.531	0.531	7328	4450	
ST208-1 42LTB	3	В	1 SQ·	1.378	1.664	4.687	0.276	3.570	4.764	0.531	0.531	7328	4450	
ST208-11/8	3	В	11/8 SQ·	1.378	1.503	4.687	0.276	3.570	4.764	0.531	0.531	7328	4450	
ST208-11/8N	3	В	11/8 SQ·	1.378	1.503	4.687	0.276	3.570	4.764	0.531	0.531	7328	4450	
200 Series														
ST209-11/8	4	В	11/8 SQ·	1.654	1.685	5.000	0.276	3.859	5.000	0.531	0.687	7350	4608	
ST209-11/4	4	В	11/4 SQ.	1.654	1.685	5.000	0.276	3.859	5.000	0.531	0.687	7350	4608	
ST491B	2	А	1½ RD.	1.654	1.685	5.000	0.276	3.859	5.000	0.531	0.687	7350	4608	
ST491A	1	А	13/4 RD.	1.654	1.685	5.000	0.276	3.859	5.000	0.531	0.687	7350	4608	
ST209-13/4 JD KIT	5	D	13/4 RD.	1.945	1.438	4.478	0.331	3.680	5.866	0.528	0.528	8092	4602	
211 Series			•								•			
ST211-1½	4	В	1½ SQ·	1.827	2.000	5.500	0.354	4.469	5.500	0.531	0.5943	9756	6564	
ST211-13/4	1	Α	13/4 RD.	1.827	2.189	5.500	0.354	4.469	5.500	0.531	0.531	9756	6564	
ST211-1 ¹⁵ / ₁₆	1	С	115/16 RD.	1.827	2.752	5.500	0.354	4.469	5.500	0.531	0.531	9756	6564	
ST211-2 ³ / ₁₆	1	Α	23/16 RD.	1.750	2.189	5.500	0.354	4.469	5.500	0.531	0.531	9756	6564	
ST211-2 ³ / ₁₆ JD KIT	5	D	2³⁄16 RD.	2.220	1.563	5.433	0.411	4.375	6.575	0.528	0.528	9756	6510	

S-7 S-7

Disc Harrow Bearings - Square Bore, Regreasable



Triple Lip Seal Series - Relubricatable Type



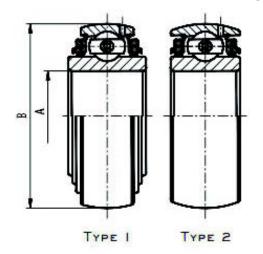
Bearing Description Fafnir	Bearing Description BCA	Туре	Shaft Size	Outer Dimension Inches	Outer Dimension MM
GW208PPB5	DS208TTR5	2	11/8	3.1496	80
GW208PPB8	DS208TTR8	2	11/8	3.1496	80
GW208PP17	DS208TTR17	3	11/8	3.3755	85.78
GW209PPB5	DS209TTR5	2	11⁄4	3.3465	85
GW209PPB8	DS209TTR8	2	11⁄4	3.3465	85
GW210PP4	DS210TTR4	4	11/8	3.5433	90
GW210PPB4	DS210TTR4	1	11/8	3.5433	90
GW211PP3	DC211TTR3	4	11/2	3.9370	100
GW211PPB3	DS211TTR3	1	11/2	3.9370	100
GW211PP17	DC211TT4	3	11/2	3.9370	100
GW211PPB23	DS211TTR23	2	13/4	3.98	100
GW211PP27	DC211TTR27	3	11/2	3.937	100

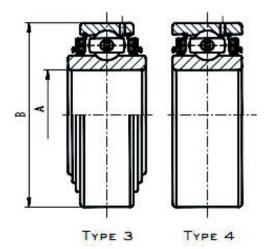
S-8

Disc Harrow Bearings - Round Bore, Regreasable



Triple Lip Seal Series - Regreasable Type









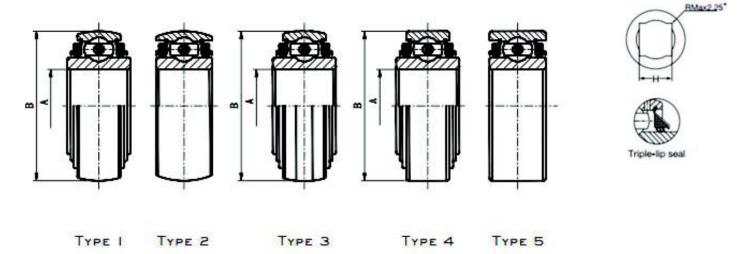
Bearing Description Fafnir	Bearing Description BCA	Туре	Shaft Size	Outer Dimension Inches	Outer Dimension MM
GW209PPB2	DS209TTR2	1	13/4	3.3465	85
GW209PPB4	DS209TTR4	1	11/2	3.3465	85
GW209PPB11	DS209TTR10	2	13/4	3.3465	85
A3A28184	DS209TTR13	2	13/4	3.3465	85
GW210PPB2	DS201TTR2	1	1 ¹⁵ ⁄16	3.5433	90
GW210PPB5	DS210TTR5	1	13/4	3.5433	90
GW211PP2	DC211TTR2	4	23/16	3.9370	100
GW211PPB2	DS211TTR2	1	23/16	3.9370	100
GW211PPB9	DS211TTR9	2	23/16	3.9370	100
GW211PPB13	DS211TTR13	2	13/4	3.9370	100
AA28186	DS211TTR20	5	23/16	3.9370	100

S-9

Disc Harrow Bearings - Square Bore, Non-Regreasable Agmate



Triple Lip Seal Series - Non-Lubricatable Type

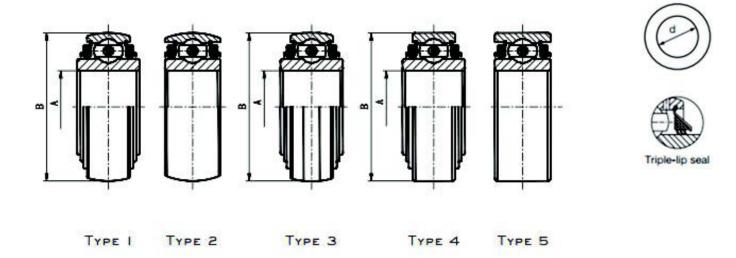


Bearing Description Fafnir	Bearing Description BCA	Туре	Shaft Size	Outer Dimension Inches	Outer Dimension MM
W208PP5	DC208TT5	3	11/8	3.1496	80
W208PPB5	DS208TT5	2	11/8	3.1496	80
W208PP6	DC208TT6	3	1	3.1496	80
W208PPB6	DC208TT6	2	1	3.1496	80
W208PP8	DC208TT8	3	11/8	3.1496	80
W208PPB8	DC208TT8	2	11/8	3.1496	80
W208PPB11	DC208TT11	5	7/8	3.3760	85.75
W208PPB12	DS208TT12	5	11/8	3.3760	85.75
W208PPB13	DS208TT13	2	7/8	3.1496	80
W209PPB5	DS209TT5	2	11/4	3.3465	85
W210PP4	DC210TT4	4	11/8	3.5433	90
W210PPB4	DS210TT4	1	11/8	3.5433	90
W210PPB6	DS210TT1	2	11/8	3.5433	90
W211P3	DC211TT3	4	11/2	3.9370	100
W211PPB3	DS211TT3	1	11/2	3.9370	100
W211PP5	DC211TT5	3	11/2	4.0000	101.6
W211PPB6	DS211TT6	5	11/2	4.0772	103.56

S-10 S-10

Disc Harrow Bearings - Round Bore, Non-Regreasable





Bearing Description Fafnir	Bearing Description BCA	Туре	Shaft Size	Outer Dimension Inches	Outer Dimension MM
W208PPB2	DS208TT21	2	11/2	3.1496	80
W208PPB7	DS208TT7	2	13/16	3.1496	80
W209PPB2	DS209TT2	1	13/4	3.3465	85
W209PPB4	DS209TT4	1	11/2	3.3465	85
W210PP2	DC210TT2	4	115/16	3.5433	90
W210PPB2	DS210TT2	1	115/16	3.5433	90
W210PPB9	DS210TT9	2	115/16	3.5433	90
W211P2	DC211TT2	4	23/16	3.9370	100
W211PPB2	DS211TT2	1	23/16	3.9370	100

S-11 S-11

Flange Bearings



Square Bore - ST Series 4 Bolt Flange - Non-Greasable

Item #	Description	Shaft Size	Bolt Circle	Bolt Size
45109	ST208-1N with triple lip seal (individually boxed)	1" square	4.69"	1/2"
83554	ST208-1N with triple lip seal (bulk pkg)	1" square	4.69"	1/2"
58518	ST208-11/8N with triple lip seal (individually boxed)	11/8" square	4.69"	1/2"
83656	ST208-11/6N with triple lip seal (bulk pgk)	11/8" square	4.69"	1/2"



Round Bore - ST Series 4 Bolt Flange - Greasable

Item #	Description	Shaft Size	Bolt Circle	Bolt Size
17888	ST491A/FD209RA Disc Bearing with triple lip seal	13/4" round	5"	1/2"
83555	ST491A/FD209RA Disc Bearing with triple lip seal (bulk pkg)	13/4" round	5"	1/2"
86222	FD209RM	11/8" square	5"	1/2" sq
86223	FD211RM	1½" square	51/2"	1/2"



Disc Harrow Bearing Assembly, Made to fit John Deere

Item #	Description	Shaft Size	Description
72643	Includes Flange, Bearing, Gasket, 4 Bolts, 4 Nuts, & 4 Washers	13/4"	AA30941



S-12 S-12

Miscellaneous Bearings



Tapered Roller Bearings - "Cup"

Item #	Сир	O.D.	Width
28535	25520	3.265"	0.75"
17944	JL-69310	2.48"	0.53"
17942	L-68111	2.36"	0.47"
17939	LM-67010	2.33"	0.47"
17933	L-44610	1.98"	0.42"
17924	LM-11910	1.78"	0.47"



Tapered Roller Bearings - "Cone"

Item #	Cone	Bore	Width
18038	25580	1.75"	1.0"
17945	JL-69349	1.50"	0.67"
17943	L-68149	1.38"	0.66"
17940	LM-67048	1.25"	0.66"
17932	L-44649	1.063"	0.58"
17931	L-44643	1.0"	0.58"
17925	LM-11949	0.75"	0.75"



Radial Ball Bearings

Item #	Description	Shaft Size MM	O.D. MM	Width MM
17842	6203-2RS	17	40	12
17847	6204-2RS	20	47	14
17851	6205-2RS	25	52	15



Special Ag Bearings

Item #	Description	O.D. MM	I.D. MM	Width MM	BCA	Fafnir	
28117	202RRE	35	15	22.3	202RRE	202KRR8	
17843	203KRR2	40	16.26	18.29	203RRRAR10	203KRR2	
29233	203KRR5	40	13.08	18.29	203RRAR8	203KRR5	
34471	205NPP9	52	19.2	34.93	205TTB	205PP9	
32629	205PPB7	52	23.94	34.93	205TTH	205PPB7	
35352	205RVA 52		19.08	21.03	205RVA	205KRP2	
17861	206GGH	62	19.25	24	206GGH	206KPP16	



S-13 S-13

Precision Roller Chains



Precision Single Strand Roller Chain

	11/01	Roller		Width Between	Pin Diameter	P. Len	in gth	Inner Plate Depth	Plate Thickness	Ultimate Tensile	Average Tensile
Part #	ANSI Chain #	Pitch (P) Inch	Diameter d1 max Inch	Inner Plates b1 min Inch	d2 max Inch	L max Inch	Lc max Inch	h2 max Inch	T max Inch	Strength Q min Ib.	Strength Qo Ib.
	25-1R	0.250	0.130	0.125	0.091	0.311	0.331	0.236	0.031	787	1034
84981 (10')	35-1R	0.375	0.200	0.188	0.141	0.488	0.519	0.236	0.051	1776	2428
84987 (10')	41-1R	0.500	0.306	0.246	0.141	0.541	0.591	0.354	0.051	1499	2833
84988 (50')	41-1R	0.500	0.306	0.246	0.141	0.541	0.591	0.354	0.051	1499	2833
84982 (10')	40-1R	0.500	0.313	0.309	0.156	0.654	0.701	0.390	0.059	3170	3934
84984 (50')	40-1R	0.500	0.313	0.309	0.156	0.654	0.701	0.390	0.059	3170	3934
84989 (10')	50-1R	0.625	0.400	0.370	0.200	0.815	0.874	0.472	0.080	4991	6609
84991 (50')	50-1R	0.625	0.400	0.370	0.200	0.815	0.874	0.472	0.080	4991	6609
84993 (50')	50H-1R	0.625	0.400	0.375	0.200	0.794		0.594	0.93		7940
84990 (100')	50H-1R	0.625	0.400	0.375	0.200	0.794		0.594	0.375		7940
84994 (10')	60-1R	0.750	0.469	0.495	0.234	1.020	1.091	0.594	0.095	7149	9330
84995 (50')	60-1R	0.750	0.469	0.495	0.234	1.020	1.091	0.594	0.095	7149	9330
84999 (10')	60H-1R	0.750	0.469	0.500	0.234	0.994		0.712	0.125		11905
85001 (10')	80-1R	1.000	0.625	0.620	0.312	1.287	1.378	0.709	0.128	12747	15602
85002 (50')	80-1R	1.000	0.625	0.620	0.312	1.287	1.378	0.709	0.128	12747	15602
85003 (10')	80H-1R	1.000	0.625	0.625	0.312	1.290		0.950	0.157		21495
85005 (10')	A2040	1.00	0.312	0.312	0.156	0.640		0.463	0.60		
85006 (10')	A2050	1.25	0.400	0.400	0.200	0.802		0.593	0.80		
85009 (10')	100-1R	1.250	0.750	0.744	0.375	1.591	1.760	0.945	0.157	19896	24549
85012 (10')	120-1R	1.500	0.875	0.993	0.437	1.980	2.138	1.181	0.189	28551	35138

Precision Double Strand Roller Chain

			Pitch Roller		otch Diameter		Pin Length Depth		Plate Thickness	Transverseness	Ultimate Tensile	Average Tensile
Part #	ANSI Chain #	P Inch	Diameter d1 max Inch	Inner Plates b1 min Inch	d2 max Inch	L max Inch	Lc max Inch	h2 max Inch	T max Inch	T Ib.	Strength Q min Ib.	Strength Qo Ib.
	25-2R	0.250	0.130	0.125	0.091	0.57	0.59	0.236	0.031	0.252	1574	1933
	35-2R	0.375	0.200	0.188	0.141	0.89	0.92	0.236	0.051	0.399	3552	4429
	41-2R	0.500	0.306	0.246	0.141	1.01	1.06	0.354	0.051	0.470	2999	3799
85011 (10')	40-2R	0.500	0.313	0.309	0.156	1.22	1.27	0.390	0.059	0.566	6340	8071
84992 (10')	50-2R	0.625	0.400	0.370	0.200	1.53	1.59	0.472	0.080	0.713	9982	13061
85000 (10')	60-2R	0.750	0.469	0.495	0.234	1.92	1.99	0.594	0.095	0.897	14298	18457
85004 (10')	80-2R	1.000	0.625	0.620	0.312	2.47	2.53	0.709	0.128	1.153	25493	31878
	100-2R	1.250	0.750	0.744	0.375	3.01	3.17	0.945	0.157	1.408	39791	49323
	120-2R	1.500	0.875	0.993	0.437	3.77	3.93	1.181	0.189	1.789	57102	70793

Nickel Plated & Stainless Steel Chain

			Roller		Pin Diameter	Lanath		Inner Plate Depth	Plate Thickness	Ultimate Tensile	Average Tensile
Part #	Part #	Pitch (P) Inch	Diameter d1 max Inch	Inner Plates b1 min Inch	d2 max Inch	max ma	Lc max Inch	h2 T max max Inch Inch	T max	Strength Q min Ib.	Strength Qo Ib.
89786 (10')	50-1NP	0.625	0.400	0.370	0.200	0.815	0.874	0.472	0.080	4991	6609
89789 (50')	50-1NP	0.625	0.400	0.370	0.200	0.815	0.874	0.815	0.080	4991	6609
89790 (10')	60-1SS	0.750	0.469	0.495	0.234	1.020	1.091	0.594	0.095	7149	9330
89793 (50')	60-1SS	0.750	0.469	0.495	0.234	1.020	1.091	0.594	0.095	7149	9330

Available in 10' and 50' rolls. Connecting and offset links are available.

S-14 S-14

Roller Chain

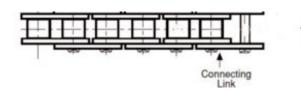


Connecting Links - "Bagged"

		1				
Item #	To Fit:	Quantity in Package				
85014	35-1R	2				
85015	40-1R	2				
85028	40-2R	2				
85033	41-1R	2				
85018	50-1R	2				
85034	50-H1	2				
85029	50-2R	2				
85019	60-1R	1				
85025	60-H1	1				
85030	60-2R	1				
85021	80-1R	1				
85026	80-H1	1				
85031	80-2R	1				
85022	100-1R	1				
85023	120-1R	1				
85032	A2040	2				
85035	A2050	2				



Item #	To Fit:	Quantity in Package
85492	35-1R	25
85493	40-1R	25
85494	41-1R	25
85495	50-1R	25
85496	50-2R	25
85497	60-1R	25
85498	60-H1	25
85499	60-2R	25
85500	80-1R	25
85501	80-H1	25
85502	80-2R	25
85027	100-H1	25
85503	A2040	25
85504	A2050	25



Offset Links - "Bagged"

Item #	To Fit:	Quantity in Package
85532	35-1R	2
85037	40-1R	2
85049	40-2R	2
85038	41-1R	2
85039	50-1R	2
85044	50-H1	2
85050	50-2R	2
85040	60-1R	1
85045	60-H1	1
85052	60-2R	1
85041	80-1R	1
85047	80-1H	1
85053	80-2R	1
85042	100-1R	1
85048	100-H1	1
85043	120-1R	1
85054	A2040	2
85055	A2050	2

Offset Links - "Bulk Boxed"

Item #	To Fit:	Quantity in Package
85510	40-1R	25
85511	41-1R	25
85512	50-1R	25
85513	50-2R	25
85515	60-1R	25
85516	60-H1	25
85517	60-2R	25
85518	80-1R	25
85519	80-1H	25
85520	80-2R	25



S-15 S-15

Sprockets



#35 Roller Chain Sprockets

Item #	Mfg #	Description	Number of Teeth	Bore	Keyway	Set Screw
108080	35B09H	35BS9 x 3/8 Sprocket	9	3/8"	1/8" x 1/16"	1/4" NC
108081	35B10B	35BS10 x ½ Sprocket	10	1/2"	1/8" x 1/16"	1/4" NC
108082	35B12H	35BS12 x 5 Sprocket	12	5/8"	3/16" x 3/32"	1/4" NC
108083	35B13H	35B13H x ¾ Sprocket	13	3/4"	3/16" x 3/32"	1/4" NC
108084	35B14H	35BS14 x ¾ Sprocket	14	3/4"	3/16" x 3/32"	1/4" NC
108085	35B16H	35BS16 x ¾ Sprocket	16	3/4"	3/16" x 3/32"	1/4" NC
108086	35B18H	35BS18 x 1 Sprocket	18	1"	1/4" x 1/8"	1/4" NC
108087	35B22H	35BS22 x ¾ Sprocket	22	3/4"	3/16" x 3/32"	1/4" NC



#40 Roller Chain Sprockets

Item #	Mfg #	Description	Number of Teeth	Bore	Keyway	Set Screw
108088	40B09H	40BS9 x 5/8 Sprocket	9	5/8"	3/16" x 3/32"	1/4" NC
108089	40B10H	40BS10 x 3/4 Sprocket	10	3/4"	3/16" x 3/32"	1/4" NC
108090	40B12H	40BS12 x 5/8 Sprocket	12	5/8"	3/16" x 3/32"	1/4" NC
108091	40B12H	40BH12 x 3/4 Sprocket	12	3/4"	3/16" x 3/32"	1/4" NC
108092	40B12H	40BS12 x 3/4 Sprocket	12	3/4"	1/4" x 1/8"	1/4" NC
108093	40B12H	40BS12 x 1 Sprocket	12	1"	1/4" x 1/8"	1/4" NC
108094	40B13H	40BS13 x 3/4 Sprocket	13	3/4"	3/16" x 3/32"	1/4" NC
108095	40B13H	40BS13 x 1 Sprocket	13	1"	1/4" x 1/8"	1/4" NC
108096	40B14H	40BS14 x 1 Sprocket	14	1"	1/4" x 1/8"	1/4" NC
108097	40B15H	40BS15 x 3/4 Sprocket	15	3/4"	3/16" x 3/32"	1/4" NC
108098	40B15H	40BS15 x 3/4 Sprocket	15	3/4"	1/4" x 1/8"	1/4" NC
108099	40B15H	40BS15 x 1 Sprocket	15	1"	1/4" x 1/8"	1/4" NC
108100	40B16H	40BS16 x 1 Sprocket	16	1"	1/4" x 1/8"	1/4" NC
108101	40B17H	40B17 x 3/4 Sprocket	17	3/4"	3/16" x 3/32"	1/4" NC
108102	40B17H	40BS17 x 1 Sprocket	17	1"	1/4" x 1/8"	1/4" NC
108103	40B18H	40B18 x 3/4 Sprocket	18	3/4"	3/16" x 3/32"	1/4" NC
108104	40B19H	40BS19 x 1 Sprocket	19	1"	1/4" x 1/8"	1/4" NC
108105	40B18H	40BS18 x 1 Sprocket	18	1"	1/4" x 1/8"	1/4" NC
108106	40B21H	40BS21 x 1 Sprocket	21	1"	1/4" x 1/8"	1/4" NC
108107	40B22H	40BS22 x 3/4 Sprocket	22	3/4"	3/16" x 3/32"	1/4" NC
108108	40B22H	40BS22 x 1 Sprocket	22	1"	1/4" x 1/8"	1/4" NC
108109	40B23H	40BS23 x 1 Sprocket	23	1"	1/4" x 1/8"	1/4" NC
108110	40B24H	40BS24 x 1 Sprocket	24	1"	1/4" x 1/8"	1/4" NC
108111	40B28H	40BS28 x 3/4 Sprocket	28	3/4"	3/16" x 3/32"	1/4" NC
108112	40B33F	40BS33 x 1 Sprocket	33	1"	1/4" x 1/8"	1/4" NC



S-16

Sprockets



#41 Roller Chain Sprockets

Item #	Mfg #	Description	Number of Teeth	Bore	Keyway	Set Screw
108113	41B17H	41BS17 x 1 Sprocket	17	1"	1/4" x 1/8"	1/4" NC
108114	41B19H	41BS19 x 1 Sprocket	19	1"	1/4" x 1/8"	1/4" NC



#50 Roller Chain Sprockets

Item #	Mfg #	Description	Number of Teeth	Bore	Keyway	Set Screw
108115	50B09H	50B09H x 3/4 Sprocket	9	3/4"	3/16" x 3/32"	1/4" NC
108116	50B11H	50BS11 x 1 Sprocket	11	1"	1/4" x 1/8"	1/4" NC
108117	50B12H	50BS12 x 1 Sprocket	12	1"	1/4" x 1/8"	1/4" NC
108118	50B13F	50BS13 x 1 Sprocket	13	1"	1/4" x 1/8"	1/4" NC
108119	50B14H	50BS14 x 1 Sprocket	14	1"	1`/8"	1/4" NC
108120	50B14H	50B14H x 1-3/16 Sprocket	14	1-3/16"	1/4" x 1/8"	1/4" NC
108121	50B15F	50BS15 x 1 Sprocket	15	1"	1/4" x 1/8"	1/4" NC
108122	50B18H	50BS18 x 1 Sprocket	18	1"	1/4" x 1/8"	1/4" NC
108123	50B19H	50BS19 x 1 Sprocket	19	1"	1/4" x 1/8"	1/4" NC
108124	50B22F	50BS22 x 1 Sprocket	22	1"	1/4" x 1/8"	1/4" NC
108125	50B24H	50BS24 x 1 Sprocket	24	1"	1/4" x 1/8"	1/4" NC



#60 Roller Chain Sprockets

Item #	Mfg #	Description	Number of Teeth	Bore	Keyway	Set Screw
108126	60B12H	60BS12 x 1 Sprocket	12	1"	1/4" x 1/8"	1/4" NC
108127	60B13H	60BS13 x 1 Sprocket	13	1"	1/4" x 1/8"	1/4" NC
108128	60B14F	60BS14 x 1 Sprocket	14	1"	1/4" x 1/8"	1/4" NC
108129	60B15H	60BS15 x 1 Sprocket	15	1"	1/4" x 1/8"	1/4" NC
108130	60B16H	60BS16 x 1 Sprocket	16	1"	1/4" x 1/8"	1/4" NC
108131	60B18H	60BS18 x 1 Sprocket	17	1"	1/4" x 1/8"	1/4" NC
108132	60B19H	60BS19 x 1-1/4 Sprocket	19	1-1/4"	1/4" x 1/8"	1/4" NC
108133	60B23H	60BS23 x 1 Sprocket	23	1"	1/4" x 1/8"	1/4" NC



S-17 S-17

Agmate® Quick Hitches





Category 1 Standard Fits most category 1 tractors and implements.

Part #	Mounting Pin	Lift Arm Spacing	Max HP	Weight
121344	7/8"	27-1/4"	50	75 lbs.

- Category 1 Bushing Adapter Kit Included
- Some non Cat. 1 implements may require an adapter bracket Sold Separately



Category 1 Economy Fits most category 1 tractors and implements.

Part #	Mounting Pin	Lift Arm Spacing	Max HP	Weight
65052A	7/8"	27-1/4"	40	65 lbs.

- Category 1 Bushing Adapter Kit Sold Separately
- Some non Cat. 1 implements may require an adapter bracket Sold Separately

Category 1 Quick Hitch Adapter Kit

	<u> </u>
Part #	Description
77869	Complete Adapter Kit with two bushings and two roll pins.



Category 1 Quick Hitch Adapter Bracket

	<u> </u>
Part #	Description
80717	Adapter for non-compatible category 1 implements.





Category 2 Standard Fits most category 2 tractors and implements.

Part #	Mounting Pin	Lift Arm Spacing	Max HP	Weight
43434A	1-1/8"	32"	100	129 lbs.

- Category 2 Bushing Adapter Kit Included
- Some non Cat. 2 implements may require an adapter bracket Sold Separately



Category 2 Economy Fits most category 2 tractors and implements.

Part #	Mounting Pin	Lift Arm Spacing	Max HP	Weight
72592	1-1/8"	32"	60	97 lbs.

- Category 2 Bushing Adapter Kit Sold Separately
- Some non Cat. 2 implements may require an adapter bracket Sold Separately

Category 2 Quick Hitch Adapter Kit

Part #	Description	
77870	Complete Adapter Kit with two bushings and two roll pins.	

Category 2 Quick Hitch Adapter Bracket

	·
Part #	Description
80718	Adapter for non-compatible category 1 implements.



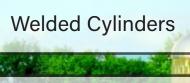




















Agmate®

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Eurocardan PTO Assemblies & Accessories







ENDING CODES IN PART NUMBERS AS FOLLOWS:

SP SHEAR PIN YOKE held on by snap ring

SPSS SHEAR PIN/SET SCREW held on by set screw in groove shaft

SMKEY SMOOTH BORE / KEYWAY / SET SCREW

SPF LC SHEAR PIN BOLT FLANGE

SPL SPLINE ENDS

 FDO
 2 DISC SLIP CLUTCH (6200 IN LBS)

 FD1
 2 DISC SLIP CLUTCH (7960 IN LBS)

 FD2
 2 DISC SLIP CLUTCH (10620 IN LBS)

 FD3
 4 DISC SLIP CLUTCH (13270 IN LBS)

 FD4
 4 DISC SLIP CLUTCH (19470 IN LBS)

CV 80 DEGREE CONTSANT VELOCITY U-JOINS

LN2 2 PAWL TYPE Torque limiter clutch (7780 in LBS) LN3 3 PAWL TYPE Torque limiter clutch (10000 in LBS)

RL1 FREE WHEEL overrun clutch (14160 in LBS)
RL2 FREE WHEEL overrun clutch (21240 in LBS)

F SHIELD COVERS COMPLETE YOKE A SHIELD STD COVERS X EA END

Euro	Eurocardan Interchangeability Chart/HP Ratings							
<u>ASAE</u>	<u>Metric</u>	<u>USA</u>	<u>HP@540RPM</u>	<u>HP@1000RPM</u>				
1	1	6N	16 hp	25 hp				
2	2	12N	21 hp	31 hp				
3	3		30 hp	47 hp				
3	4	14N	35 hp	55 hp				
4	5		47 hp	74 hp				
5	6	35N	64 hp	100 hp				
5	7	44R	75 hp	118 hp				
6	8	55N	95 hp	150 hp				
	9		120 hp	190 hp				
	10		145 hp	230 hp				

25.4mm = 1 inch
FOB WAREHOUSE, SELMA NC 27576
I.E. = Implement End
T.E. Tractor End

/QR ADDED ON P/N QUICK RELEASE (collar type yoke one or both ends)

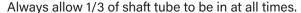
/QD ADDED ON P/N PIN YOKE RELEASE (Twist Lock/Push Pin collar type yoke on one or both ends)
/MC ADDED ON P/N METAL COLLAR YOKE RELEASE (Metal collar/Pull type yoke on one or both ends)

/1021 ADDED ON P/N 1 3/8-21 SPL one or both ends
/1020 ADDED ON P/N 1 3/4-20 SPL one or both ends
/IB ADDED ON P/N INTERFERING BOLT TYPE YOKE
/NIB ADDED ON P/N NON INTERFERING BOLT TYPE YOKE



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Agmate® Eurocardan Driveline



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Note: The following pages represent Agmate's current offering of stocked Eurocardan driveline assemblies and parts - which does not represent the complete Eurocardan product offering. Other sizes and styles of drivelines, as well as parts, may be available on either a special order or custom stocking program basis. If you have a requirement that you don't see listed, please don't hesitate to contact us.



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ALWAYS KEEP SHIELDING IN WORKING ORDER AND IN PLACE!





Smooth Bore & Shear Pin Implement End Yoke



Agmate Part #	Assembly Description	Series Size	Length Overall	Description I.E. = Implement End T.E. = Tractor End
51440A	AX15000-0075	1	28"	3/4" Smooth Bore with Keyway, Set Screw - 11/8" x 6 Spline T.E.
51441A	AX15000-0076	1	28"	¹⁵ / ₁₆ " Smooth Bore with Keyway, Set Screw - 13/8" x 6 Spline T.E.
51442A	AX15000-0077	1	28"	5/8" Smooth Bore with Keyway, Set Screw - 11/8" x 6 Spline T.E.
36718A	AX15000-0071	1	50.5"	11⁄4" Smooth Yoke with Set Screw Shaft Lock ³⁄8" Shear Pin, 1¾" x 6 Spline T.E.
59328A	AX15000-0073	1	27.7"	13/16" Smooth Yoke with 3/8" Shear Pin Hole - 13/16" x 6 Spline T.E.
59332A	AX15000-074	1	31"	1" Smooth Bore, 1%" x 6 Spline T.E.
59333A	AX10061-113861	1	31"	1" Smooth Bore - 1%" x 21 Spline T.E.
54717A	AX45000-0189	4	38"	11/8" Smooth Bore with Keyway, Set Screws - 13/8" x 6 Spline T.E.
35736A	AX45000-0186	4	31.9"	13/8" Smooth Yoke with 1/2" Shear Pin Hole - 13/8" x 6 Spline T.E.
35732A	AX-45000-0182	4	35.8"	13/8" Smooth Yoke with 1/2" Shear Pin Hole - 13/8" x 6 Spline T.E.
35734A	AX45000-0184	4	37.8"	13/8" Smooth Yoke with 1/2" Shear Pin Hole - 13/8" x 6 Spline T.E.
35735A	AX45000-0185	4	42.5"	13/8" Smooth Yoke with 1/2" Shear Pin Hole - 13/8" x 6 Spline T.E.
36064A	AX45000-0187	4	51.6"	13/8" Smooth Yoke with 1/2" Shear Pin Hole - 13/8" x 6 Spline T.E.
35733A	AX45000-0183	4	51.6"	11/4" Smooth Yoke with Set Screw Shaft Lock 3/8" Shear Pin 13/8" x 6 Spline T.E.
33237	AX41110F-SMKEY	4	51.6"	1" Smooth Bore with Keyway, Set Screws - 13/8" x 6 Spline T.E.
33982	AX41110F-SMKEY-1021	4	51.6"	1" Smooth Bore with Keyway, Set Screws - 1%" x 21 Spline T.E.
31361A	AX55000-0073	5	44"	13/8" Smooth Yoke with 1/2" Shear Pin Hole - 13/8" x 6 Spline T.E.
45904A	AX55000-0072	5	48"	1½" Smooth Bore with Keyway, Set Screw - 1¾" x 6 Spline T.E.
39990A	AX5-12100F-SP	5	56"	13/8" Smooth Yoke with 1/2" Shear Pin Hole - 13/8" x 6 Spline T.E.
39020	AX1649-SPF	1	25.55"	Shear Pin Flange, 1" Smooth T.E. x 7/8" Smooth NIB I.E.

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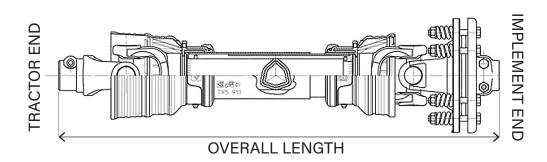


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Slip Clutch Implement End Yoke

Agmate Part #	Assembly Description	Series Size	Length Overall	Description I.E. = Implement End T.E. = Tractor End
34241	AX4480FD1A-SC/QR	4	28.7"	FD1 Slip Clutch - 1¾" x 6 Spline I.E 1¾" x 6 Spline QR Yoke T.E.
40944	AX4500FDO-SC	4	29"	FD0 Slip Clutch - 1%" x 6 Spline I.E 1%" x 6 Spline QD Yoke T.E.
45902A	AX41071-16405	4	37.8"	FD1 Slip Clutch - 1%" x 6 Spline I.E 1%" x 6 Spline QD Yoke T.E.
45906A	AX41086-16398	4	44.3"	FD1 Slip Clutch - 1%" x 6 Spline I.E 1%" x 6 Spline QD Yoke T.E.
45905A	AX51071-16401	5	38"	FD2 Slip Clutch - 1¾" x 6 Spline I.E 1¾" x 6 Spline QD Yoke T.E.
42969A	AX5109-16400	5	46"	FD2 Slip Clutch - 1¾" x 6 Spline I.E 1¾" x 6 Spline QD Yoke T.E.
51986	AX6910FD4	6	47.1"	FD4 Slip Clutch - 1¾" x 6 Spline I.E 1¾" x 6 Spline QD Yoke T.E.
51445	AX6710FD2A-SC	6	38.6"	FD2 Slip Clutch - 1¾" x 6 Spline Interfering Bolt I.E. 1¾" x 6 Spline MC Yoke T.E.
34243	AX6710FD4A-HDSC/MC	6	39.5"	FD4 Slip Clutch - 1¾" x 6 Spline I.E 1¾" x 6 Spline MC Yoke T.E.
81331	AX65000-0021	6	44.8"	FD2 Slip Clutch - 1¾" x 20 Spline IB - 1¾" x 6 MC T.E.
32185	AX61110FD2A-HDSC	6	54.3"	FD2 Slip Clutch - 13/8" x 6 I.E 13/8" x 6 Spline QD Yoke T.E.
34192	AX61210FD2A-HDSC	6	58"	FD2 Slip Clutch - 1¾" x 6 Spline I.E 1¾" x 6 Spline QD Yoke T.E.
34240	AX61240FD4/MC	6	60.5"	FD4 Slip Clutch - 1¾" x 20 Spline I.E 1¾" x 6 Spline MC Yoke T.E.
38750	AX61240FD4/MC/1020	6	61"	FD4 Slip Clutch - 13/4" x 20 Spline I.E 13/4" x 20 Spline QR Yoke T.E.
69075	AX65000-0033	6	61.3"	FD2 Slip Clutch - 1¾" x 20 Spline IB - 1¾" x 20 Spline IB T.E.
34193	AX61440FD2A-HDSC	6	67.3"	FD2 Slip Clutch - 13/8" x 6 Spline I.E 13/8" x 6 Spline QD Yoke T.E.
54290	AX81240FD4/1020	8	61.2"	FD4 Slip Clutch - 1¾" x 20 Spline I.E 1¾" x 20 Spline QD T.E.

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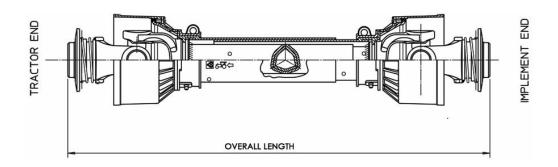


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Splined Implement End Yoke

Agmate Part #	Assembly Description	Series Size	Length Overall	Description I.E. = Implement End T.E. = Tractor End	
31963A	Ax10051-16407	1	27.4"	13/8" x 6 Spline QD Yoke, Both Ends	
33028	AX1610A-SPL	1	31.3"	13/8" x 6 Spline QD Yoke, Both Ends	
53726	TX1660F-SPL/MC	1	33.5"	1%" Spline QR Metal Collar, Both Ends	
41527	AX4580A-SPL	4	31.3"	13/8" x 6 Spline QD Yoke, Both Ends	
53920A	AX45000-0188	4	38"	1¾" x 6 Spline with 5½" Pin Hole I.E 1¾" x 6 Spline T.E.	
54980A	AX40076-16408	4	38"	1%" x 21 Spline IB, Both Ends	
54718A	AX40081-16412	4	40"	13/8" x 6 Spline Yoke, Both Ends	
33236	AX41110F-SPL	4	52.2"	13/8" x 6 Spline Yoke, Both Ends	
33029	AX5610A-SPL	5	32.8"	13/8" x 6 Spline Yoke, Both Ends	
39717A	AX5009-16397	5	44.6"	13/8" x 6 Spline Yoke, Both Ends	
33235	AX61110F-SPL	6	53"	13/8" x 6 Spline Yoke, Both Ends	
34195	AX8750F-SPL/MC	8	40"	1%" x 6 Spline Metal Collar Yoke, Both Ends	
42995	BX8980A-SPL 1021	8BX	48.7"	1%" x 21 Spline I.E 1%" x 6 Spline T.E Splined Tubing	



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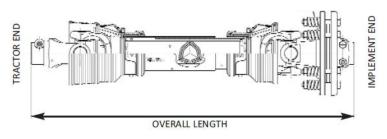
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4', 5', 6', 7' Rotary Cutters with Shielding



Agmate Part #	Assembly Description	Series Size	Length Overall	Used On	Description I.E. = Implement End T.E. = Tractor End
54718A	AX40081-16412	4	40"	Finishing Mower	13/8" x 6 Spline, Both Ends
35736A	AX45000-0186	4	31.9"	4' Lift Cutter	½" Shear Pin - 1¾" Smooth Yoke - 1¾" x 6 Spline SPL QD
35732A	AX45000-0182	4	35.8"	5' Lift Cutter	1/2" Shear Pin - 13/6" Smooth Yoke - 13/6" x 6 Spline SPL QD
45902A	AX41071-16405	4	37.7"	5' Lift Cutter	FD1 Slip Clutch - 13/6" x 6 Spline - 13/6" x 6 Spline SPL QD
35734A	AX45000-0184	4	37.8"	5' Lift Cutter	½" Shear Pin - 1¾" Smooth Yoke - 1¾" x 6 Spline SPL QD
35735A	AX45000-0185	4	42.5"	6' Lift Cutter	½" Shear Pin - 1¾" Smooth Yoke - 1¾" x 6 Spline SPL QD
35836A	AX46091-16399	4	44"	6' Lift Cutter	Shear Pin Flange - 13/6" x 6 Spline SPL - 13/6" x 6 Spline SPL QD
45906A	AX41086-16398	4	44.3"	6' Lift Cutter	FD1 Slip Clutch - 13/6" x 6 Spline - 13/6" x 6 Spline SPL QD
36064A	AX45000-0187	4	51.5"	5' Pull Cutter	½" Shear Pin - 1¾" Smooth Yoke - 1¾" x 6 Spline SPL QD
45905A	AX51071-16401	5	38"	5' HD Lift Cutter	FD2 Slip Clutch - 13/8" x 6 Spline - 13/8" x 6 Spline SPL QD
31361A	AX55000-0073	5	44"	6' Lift Cutter	½" Shear Pin - 1¾" Smooth Yoke - 1¾" x 6 Spline SPL QD
42969A	AX5109-16400	5	46"	6' Lift Cutter	FD2 Slip Clutch - 1%" x 6 Spline SPL - 1%" x 6 Spline SPL QD
39717A	AX5009-16397	5	44.6"	6' Lift Cutter	1%" x 6 Spline, Both Ends
81331	AX65000-0021	6	44.8"	6' Lift Cutter	FD2 Slip Clutch - 13/4" x 20 Spline SPL IB - 13/8" x 6 Spline SPL MC
39990A	AX5-8255053	5	56"	6' Pull Cutter	½" Shear Pin - 1¾" Smooth Yoke - 1¾" x 6 Spline SPL QD
51986	AX6910F-FD4	6	47.1"	6' HD Lift Cutter	FD4 Slip Clutch - 13/8" x 6 Spline SPL - 13/8" x 6 SPL QD
32185	AX61110A-FD2	6	54.3"	7' Lift Cutter	FD2 Slip Clutch - 1%" x 6 Spline SPL - 1%" x 6 Spline SPL QD
33235	AX61110F-SPL	6	53"	7' Lift Cutter	1%" x 6 Spline, Both Ends
34192	AX61210A-FD2	6	58"	6' Pull Cutter	FD2 Slip Clutch - 1%" x 6 Spline SPL - 1%" x 6 Spline SPL QD
34193	AX61440A-FD2	6	67.3"	7' Pull Cutter	FD2 Slip Clutch - 1%" x 6 Spline SPL - 1%" x 6 Spline SPL QD

!

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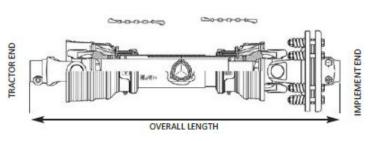




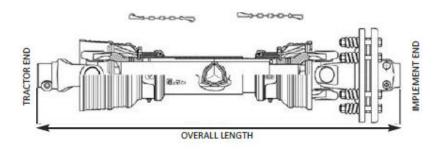
Rotary Cutter Eurocardan PTO Assemblies With



8' & 10' Rigit Deck Rotary Cutters



Agmate Part #	Assembly Description	Series Size	Length Overall	Used On	Description
45905A	AX51071-16401	5	38"	8' Lift Type Main Drive	FD2 Slip Clutch - 13/6" x 6 Spline SPL
42969A	AX5109-16400	5	46"	10' Lift Type Main Drive	FD2 Slip Clutch - 1%" x 6 Spline SPL
34193	AX61440A-FD2	6	67.3"	10' Pull Type Main Drive	FD2 Slip Clutch - 13/8" x 6 Spline SPL
109796	AJ61141-15234AJ	6	70.2"	10' Pull Type Constant Velocity	FD2 Slip Clutch - 1%" x 6 Spline SPL



15' Flex Wing Cutters with Shielding

Agmate Part #	Assembly Description	Series Size	Length Overall	Used On	Description
34192	AX61210A-FD2	6	58"	15' Wing	FD2 Slip Clutch - 1¾" x 6 Spline I.E 1¾" x 6 Spline QD T.E.
69075	AX65000-0033	6	61.3"	15' Wing	FD2 Slip Clutch - 13/4" x 20 Spline IB I.E 13/4" x 20 Spline IB T.E.
34240	AX61240A-FD4/1020/MC	6	61"	15' Wing	FD4 Slip Clutch - 1¾" x 20 l.E 1¾" x 6 MC T.E.
38750	AX61240A-FD4/1020/MC	6	61"	15' Wing	FD4 Slip Clutch - 1¾" x 20 Spline I.E 1¾" x 20 Spline MC T.E.
54290	AX81240A-FD4/1020/MC	8	61.2"	15' Wing	FD4 Slip Clutch - 1¾" x 20 l.E 1¾" x 20 Spline MC T.E.



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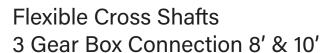
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Rotary Cutter Eurocardan PTO Assemblies with Shielding

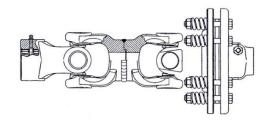






Agmate Part #	Assembly Description	Series Size	Length Overall	Used On	Description
33231	GE5325-SPL (Single Pad)	5	12.8"	8' Flex Coupler	With U-Joint 1¾" x 6 Spline, Both Ends, Yoke No Pin Hole
36949	GE324-SPL/NIB (Single Pad)	5	12.75"	8' Flex Coupler	With U-Joint 13%" x 6 Spline, Both Ends, Yoke Interfering Bolt
36950	GE5425-SPL/NIB (Double Pad)	5	16.73"	10' Flex Coupler	With U-Joint 1¾" x 6 Spline, Both Ends, Yoke Interfering Bolt
34249	GE5445-SPL/13/4-20 IB (Double Pad)	5	17.5"	10' Flex Coupler	With U-Joint 1%" x 6 Spline Pad End 134" x 20 Spline Yoke Interfering Bolt
34138	GE5470-SPL (Double Pad)	5	18.5"	10' Flex Coupler	With U-Joint 1¾" x 6 Spline, Both Ends, Yoke No Pin Hole
56204	GE8425-SPL/1 3-4-20 IB (Double Pad)	8	16.73"	10' HD Flex Coupler	1¾" x 6 Spline Pad End 1¾" x 20 Spline Yoke Interfering Bolt

Gear Box Connector Shafts Flex Wing Mowers



Agmate Part #	Assembly Description	Series Size	Length Overall	Used On	Description
69080	DG6174-FD2	6	17"	15' Flex Wing Cutter	1¾" x 20 Spline QD Yoke - FD2, 1¾" x 20 Spline

Slip Clutch Attachments

Agmate Part #	Description	In. / LB Torque
31951	FDS1 Spline Shaft and Hub; Use with up to Series 6 1%" x 6 Spline	7970
32323	FDS1 Smooth Shaft and Hub; Use with up to Series 6 11/8" x 6 Smooth (For converting shear pin to slip clutch.)	7970
36065	FDS4 Spline Shaft and Hub; Use with up to Series 8 13/6" x 6 Spline	19470



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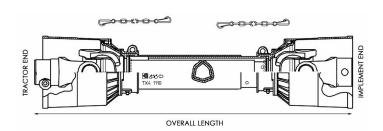
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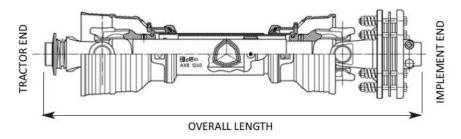




Post Hole Digger PTO with Shielding



Agmate Part #	Assembly Description	Series Size	Length Overall	Used On	Description
36718A	AX15000-0071	1	50.5"	11/4" Smooth Yoke with Set Screw Shaft Lock	3⁄8" Shear Pin
35733A	AX45000-0183	4	51.6"	11⁄4" Smooth Yoke with Set Screw Shaft Lock	3/8" Shear Pin



Tiller PTO with Shielding

Agmate Part #	Assembly Description	Series Size	Length Overall	Used On	Description
34241	AX4480A-FD1/QR	4	28.7"	Small Tillers	FD1 Slip Clutch - 13/8" x 6 Spline
40944	AX4500A-FD0	4	29"	Small Tillers	FD0 Slip Clutch - 13/8" x 6 Spline
41527	TX4580A-SPL	4	31.3"	Small Tillers	13/8" x 6 Spline, Both Ends
45902A	AX41071-16405	4	37.7"	Light Duty Tillers	FD1 Slip Clutch - 13/8" x 6 Spline
45905A	AX51071-16401	5	38"	Medium Duty Tillers	FD2 Slip Clutch - 13/8" x 6 Spline
39717A	AX5009-16397	5	44.6"	Medium Duty Tillers	13/8" x 6 Spline, Both Ends
42969A	AX5109-16400	5	46"	Medium Duty Tillers	FD2 Slip Clutch - 13/8" x 6 Spline
34243	AX6710A-FD4/MC	6	39.5"	Heavy Duty Tillers	FD4 Slip Clutch - 13/8" x 6 Spline

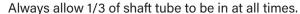
Miscellaneous PTO with Shear Pin Flange & Special Flange I.E. Yokes

Agmate Part #	Assembly Description	Series Size	Length Overall	Description
39020	AX1460A-SPF	1	25.5"	Shear Pin Flange 1" Smooth T.E 7/8" Smooth NIB I.E.
35836A	AX46091-16399	4	44"	6' Lift Cutter - Shear Pin Flange 1%" x 6 Spline I.E 1%" x 6 Spline T.E.
46269	AX8910A-FLANGE/MC	8	46"	Ditcher Special Flange Plate on I.E 13%" x 6 Spline MC T.E.
47286	AX81525	8	60"	13/4" x 20 Spline T.E 13/4" x 6 Spline FD4 Clutch



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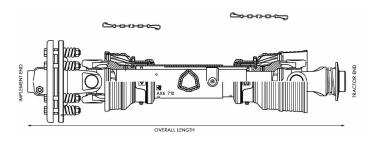








Flail Mower PTO Assemblies with Shielding (Fits Mott)

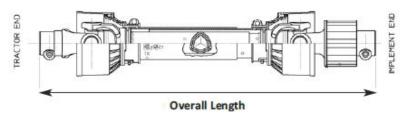


Agmate Part #	Assembly Description	Series Size	Length Overall	Used On	Description
51445	AX6710A-FD2/MC/IB	6	38.6"	FD2 Slip Clutch	1%" x 6 Spline Interfering Bolt I.E 1%" x 6 Spline MC T.E.

Disc Mower PTO with Shielding

Agmate Part #	Assembly Description	Series Size	Length Overall	In./LB Torque	Used On	Description
33029	AX5610A-SPL	5	32.8"			1%" x 6 Spline, Both Ends
38202	AX4730A-RL1	4	28"	14160	RL1 Over Running Clutch	13/6" x 6 Spline
71428	AX10051-16407	5	38.3"	21420	RL1 Over Running Clutch	13⁄6" x 6 Spline

Hay Tedder PTO with Shielding



Agmate Part #	Assembly Description	Series Size	Length Overall	In./LB Torque	Used On	Description
45903A	AX23121-16402	2	57"	7780	LN2 Pawl Torque Limiter Clutch	13/6" x 6 Spline
54979A	AX43121-16414	4	57.3"	10000	LN3 Pawl Torque Limiter Clutch	13/6" x 6 Spline

Fertilizer Spreader PTO with Shielding

Agmate Part #	Assembly Description	Series Size	Length Overall	Used On	Description
31963A	AX10051-16407	RX1	27.4"	Lift Type Spreader	1%" x 6 Spline, Both Ends (Lemon Tube)

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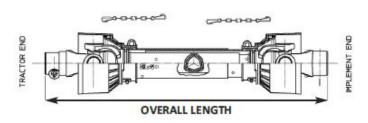
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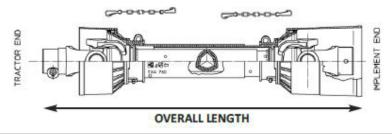


Sprayer Pump PTO with Shielding



Agmate Part #	Assembly Description	Series Size	Length Overall	Description I.E. = Implement End T.E. = Tractor End
51440A	AX15000-0075	1	28"	3⁄4" Smooth Bore with Keyway, Set Screw - 13⁄8" x 6 Spline T.E.
51441A	AX15000-0076	1	28"	¹⁵ ⁄16" Smooth Bore with Keyway, Set Screw - 13½" x 6 Spline T.E.
51442A	AX15000-0077	1	28"	5%" Smooth Bore with Keyway, Set Screw - 13%" x 6 Spline T.E.
59332A	AX15000-0074	1	31"	1" Smooth Bore with Keyway, Set Screw - 1%" x 6 Spline T.E.
59333A	AX10061-113861	1	31"	1" Smooth Bore with Keyway, Set Screw - 1%" x 21 Spline T.E.
33028	AX1610A-SPL	1	31"	1%" x 6 Spline, Both Ends
53726	TX1680F-SPL/MC	1	33.5"	1%" x 6 Spline MC Metal Collar on Both Ends - Poultry House
33236	AX41110F-SPL	4	52.2"	1%" x 6 Spline, Both Ends
33237	AX41110F-SMKEY	4	51.6"	1" Smooth Bore with Keyway, Set Screws - 1%" x 6 Spline T.E.
33982	AX41110F-SMKEY/1021	4	51.6"	1" Smooth Bore with Keyway, Set Screws - 1%" x 21 Spline T.E.
33029	AX5610A-SPL	5	32.8"	13/8" x 6 Spline, Both Ends

Hydraulic Pump PTO with Shielding



Agmate Part #	Assembly Description	Series Size	Length Overall	Description I.E. = Implement End T.E. = Tractor End
53920A	AX45000-0188	4	38"	1%" x 6 Spline Yoke with 8mm (5/16") Pin Hole I.E 13/8" x 6 Spline QD T.E.
54980A	AX40076-16408	4	38"	1%" x 21 Spline SPL IB, Both Ends

<u>!</u>

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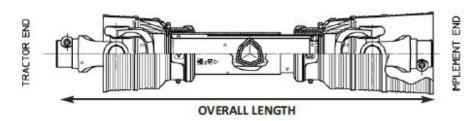






Over Running Attachments for Controlling Inertia with Non-Live PTO

Agmate Part #	Description	Used On	In. / LB Torque
71429	RLS1-SPLQD Pin	13/6" T.E 13/6" I.E Quick Attach Pin	14160
32439	RLS1-SPLQD Pin	11/8" T.E 13/8" I.E Quick Attach Pin	14160



PTO Driven Generator Drive Lines with Shielding

Agmate Part #	Assembly Description	Series Size	Length Overall	Description
53726	TX1680F MC/SPL	1	33.5"	13/8" QR Metal Collar on Both Ends
54717A	AX450000-189	4	38"	11/8" Smooth Bore with Keyway, Set Screw - 13/8" x 6 Spline T.E.
41527	TX45804-SPL	4	31.3"	13/8" x 6 Spline QD Yoke, Both Ends
54718A	AX40081-16412	4	40"	1¾″ x 6 Spline Yoke, Both Ends
33236	AX41110F-SPL	4	52.2"	1¾" x 6 Spline Yoke, Both Ends
39717A	AX5009-16397	5	44.6"	13/8" x 6 Spline, Both Ends
33235	AX61110F-SPL	6	53"	13/8" x 6 Spline, Both Ends
34195	AX8750F-SPL/MC	8	40"	13/8" x 6 Spline Metal Collar, Both Ends
42995	BX8980A-SPL/1021	8 BX	48.7"	1%" x 21 Spline I.E 1%" x 6 Spline T.E. (with Spline Shaft)

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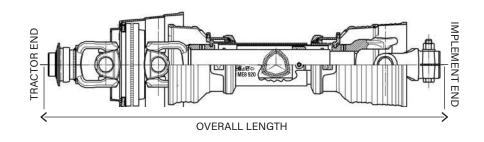
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Complete Eurocardan CV Drivelines with Shielding





Agmate Part #	Series	Туре	Overall Length Collapsed	Tractor End	Implement End
39019A	AJ4	AJ40081-16384	44.6"	80 deg CV with 1%" x 6 Spline MPC	1%" x 6 Spline, 2 Disc Friction Clutch
109795	AJ6	AJ60141-15233	69.1"	80 deg CV with 1%" x 6 Spline MPC	13/4" x 20 Spline, Interfering Bolt
109796	AJ6	AJ61141-15234	70.2"	80 deg CV with 1%" x 6 Spline MPC	1%" x 6 Spline, 2 Disc Friction Clutch
109797	AJ8	AJ85000-0005	51.9"	80 deg CV with 1%" x 6 Spline MPC	1%" x 6 Spline, Interfering Bolt
109798A	AJ8	AJ80091-16383	51"	80 deg CV with 1%" x 6 Spline MPC	13/4" x 20 Spline, Interfering Bolt
109804	AJ8	AJ80091-15263	51"	80 deg CV with 13/6" x 21 Spline MPC	1¾″ x 20 Spline, Interfering Bolt
109799A	AJ8	AJ80091-16393	51"	80 deg CV with 13/4" x 20 Spline MPC	1¾4" x 20 Spline, Interfering Bolt
109800A	AJ8	AJ80107-16389	55"	80 deg CV with 13/6" x 21 Spline MPC	13/8" x 21 Spline, Conical Bolt
109801	AJ8	AJ80102-15249	55"	80 deg CV with 13/4" x 20 Spline MPC	13/8" x 21 Spline, Conical Bolt
109802A	AJ8	AJ80101-16391	55"	80 deg CV with 1%" x 6 Spline MPC	1¾4" x 20 Spline, Interfering Bolt
109903A	AJ8	AJ80101-16392	55"	80 deg CV with 13/4" x 20 Spline MPC	13/4" x 20 Spline, Interfering Bolt
109803A	Aj8	AJ80101-16390	55"	80 deg CV with 13/6" x 21 Spline MPC	1¾″ x 20 Spline, Interfering Bolt



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To Fit KMC Peanut Combines

Agmate Part #	Assembly Description	Series Size	Length Overall	Description
109800A	AJ80107-16389	AJ8	55"	80 deg CV 1¾" x 21 Spline MPC Yoke on T.E. 1¾" x 21 Spline Yoke, Conical Type on I.E.
109801	AJ80102-15249	AJ8	55"	80 deg CV 134" x 20 Spline MPC Yoke on T.E. 1%" x 21 Spline Yoke, Conical Type on I.E.

To Fit Rhino and Other 15' Flex Wing Cutters

Agmate Part #	Assembly Description	Series Size	Length Overall	Description
109798A	AJ80091-16383	AJ8	51"	80 deg CV 1%" x 6 Spline MPC Yoke on T.E. 1¾" x 20 Spline Yoke, Conical Type on I.E.
109799A	AJ80091-16393	AJ8	51"	80 deg CV 1¾" x 20 Spline MPC Yoke on T.E. 1¾" x 20 Spline Yoke, Conical Type on I.E.
109804	AJ80091-15263	AJ8	51"	80 deg CV 1¾" x 21 Spline MPC Yoke on T.E. 1¾" x 20 Spline Yoke, Conical Type on I.E.

To Fit John Deere, Bush Hog, Kodiak, and Other 15' Flex Wing Cutters

Agmate Part #	Assembly Description	Series Size	Length Overall	Description
109802A	AJ80101-16391	AJ8	55"	80 deg CV 1¾" x 6 Spline MPC Yoke on T.E. 1¾" x 20 Spline Yoke, Conical Type on I.E.
109903A	Aj80101-16392	AJ8	55"	80 deg CV 13/4" x 20 Spline MPC Yoke on T.E. 13/4" x 20 Spline Yoke, Conical Type on I.E.
109803A	AJ80101-16390	AJ8	55"	80 deg CV 1¾" x 21 Spline MPC Yoke on T.E. 1¾" x 20 Spline Yoke, Conical Type on I.E.

To Fit 8' and 10' Rigid Deck Rotary Cutters

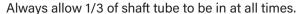
Agmate Part #	Assembly Description	Series Size	Length Overall	Description
109796	AJ61141-15234	AJ6	70.2"	80 deg CV 1%" x 6 Spline MPC Yoke on T.E. 1%" x 6 Spline, 2 Disc Friction Clutch on I.E.



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Driveline Parts

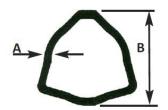




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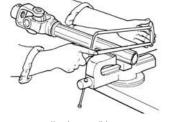
Slip Shaft Tubing/Rounded Triangle Type











Drill Roll Pin Holes

All tubes 59" long cut to length needed.

Agmate Part #	Eurocardan Part #	Series	Description	Thickness A	Height B	Hole Location C	Hole Size D
33049	1520801	Internal 1	Tube	3.5mm	26.5mm	20mm	8mm
33057	1521801	External 1	Tube with 2 Decals	2.6mm	32.5mm	20mm	8mm
33050	1522801	Internal 2	Tube	4mm	29mm	20mm	8mm
33058	1523801	External 2	Tube with 2 Decals	3.2mm	36mm	20mm	8mm
36731	1523802	Internal 3	Tube	3.2mm	36mm	20mm	8mm
33060	1524801	External 3 & 4	Tube with 2 Decals	3.4mm	43.5mm	20mm	8mm
33052	1525801	Internal 4	Tube	4.5mm	36mm	20mm	8mm
33053	1526801	Internal 5 & 6	Tube	4mm	45mm	22mm	10mm
33061	1527801	External 5	Tube with 2 Decals	3mm	51.6mm	22mm	10mm
33062	1528801	External 6 & 7	Tube with 2 Decals	4mm	54mm	22mm	10mm
33055	1529801	Internal 7	Tube	5.5mm	45mm	22mm	10mm
36732	1528802	Internal 8	Tube	4mm	54mm	22mm	10mm
33064	1530801	External 8	Tube with 2 Decals	4mm	63mm	22mm	10mm

Roll Pins

Agmate Part #	Eurocardan Part #	Series	Description
36572	6330845	1 Inner	Roll Pin 8mm x 45mm
33045	6330850	1 External / 2 Inner	Roll Pin 8mm x 50mm
33046	6330855	2 External / 3-4 Inner	Roll Pin 8mm x 55mm
36573	6330860	3-4 External	Roll Pin 8mm x 60mm
32485	6330875	5 External	Roll Pin 8mm x 75mm - Prior to September 1st, 1997
36574	6331065	5 Inner	Roll Pin 10mm x 65mm - Prior to September 1st, 1997
36559	6331075	5 External	Roll Pin 10mm x 75mm - Prior to September 1st, 1997
36575	6331070	6 Inner	Roll Pin 10mm x 70mm
32486	6331080	6-7-8 External / 8 Inner	Roll Pin 10mm x 80mm
56626	6331090	8 External / 8 Inner / ME8	Roll Pin 10mm x 90mm (new style)



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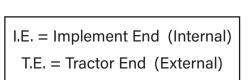


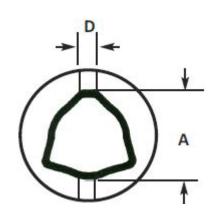


Forged Yokes for Slip Tubes









Agmate Part #	Eurocardan Part #	Series	Description	Tube Height A	Shield Groove Outside B	Hole Size D
31376	1701027	1	Fork - External Tube	32.5mm	47mm	8mm
33035	1702027	2	Fork - External Tube	36mm	54mm	8mm
33036	1703027	3	Fork - External Tube	43.5mm	61mm	8mm
31378	1704027	4	Fork - External Tube	43.5mm	61mm	8mm
31380	1705027	5	Fork - External Tube	52.6mm	71mm	10mm
33037	1706027	6	Fork - External Tube	54mm	76mm	10mm
33038	1707027	7	Fork - External Tube	54mm	76mm	10mm
33039	1708027	8	Fork - External Tube	63mm	76mm	10mm
31377	1701029	1	Fork - Internal Tube	26.5mm	41mm	8mm
33040	1702029	2	Fork - Internal Tube	29mm	47mm	8mm
33041	1703029	3	Fork - Internal Tube	36mm	54mm	8mm
31379	1704029	4	Fork - Internal Tube	36mm	54mm	8mm
31381	1705029	5	Fork - Internal Tube	45mm	61mm	10mm
33042	1706029	6	Fork - Internal Tube	45mm	67mm	10mm
33043	1707029	7	Fork - Internal Tube	45mm	67mm	10mm
33044	1708029	8	Fork - Internal Tube	54mm	76mm	10mm

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Metric Center Cross Repair Kits





Agmate Part #	Eurocardan Part #	Series Size	Description	Cap Diameter A	Cross Height B
31369	1001020	1	Cross Kit Complete	22mm (⁵⁵ / ₆₄ ")	54mm (21/8")
32190	1002020	2	Cross Kit Complete	23.8mm (¹5⁄16″)	61.3mm (2 ¹³ / ₃₂ ")
32191	1003020	3	Cross Kit Complete	27mm (1½6")	70mm (2¾")
31370	1004020	4	Cross Kit Complete	27mm (1½6")	74.6mm (2¹5⁄16")
31371	1005020	5	Cross Kit Complete	30.2mm (1³/16″)	80mm (3%4")
32192	1006020	6	Cross Kit Complete	30.2mm (1³/16″)	92mm (35/8")
32193	1007020	7	Cross Kit Complete	35mm (1¾")	94mm (3 ⁴⁵ / ₆₄ ")
32194	1008020	8	Cross Kit Complete	35mm (1¾")	106.5mm (4 ¹³ / ₆₄ ")
75443	1000020	10	Cross Kit Complete	41mm	118mm (4 ⁴ 1⁄ ₆₄ ")
35760	N/A	All	45° 8mm Zerk for X-Kit	Sold Individually	



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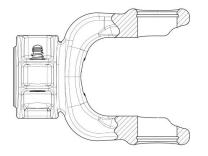


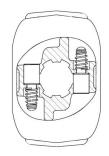


Splined Forks Tractor & Implement End



Push Pin / Quick Detach





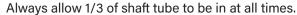
*All series 8 & 10 have (2) release pins on them.

Agmate Part #	Eurocardan Part #	Series Size	Description	# of Pins
13/8" x 6 Spline				
31372	1021010	1	1%" x 6 Spline, Push Pin, Quick Detach Fork	1
32195	1022010	2	1%" x 6 Spline, Push Pin, Quick Detach Fork	1
32196	1023010	3	1%" x 6 Spline, Push Pin, Quick Detach Fork	1
31373	1024010	4	1%" x 6 Spline, Push Pin, Quick Detach Fork	1
31374	1025010	5	1%" x 6 Spline, Push Pin, Quick Detach Fork	1
32197	1026010	6	1%" x 6 Spline, Push Pin, Quick Detach Fork	1
32199	1027010	7	1%" x 6 Spline, Push Pin, Quick Detach Fork	1
32200*	1028010	8	1%" x 6 Spline, Push Pin, Quick Detach Fork	2
13/8" x 21 Spline				-
59387	1021015	1	13/8" x 21 Spline, Push Pin, Quick Detach Fork	1
35269	1022015	2	13/8" x 21 Spline, Push Pin, Quick Detach Fork	1
36973	1023015	3	13/8" x 21 Spline, Push Pin, Quick Detach Fork	1
33674	1024015	4	13/8" x 21 Spline, Push Pin, Quick Detach Fork	1
33543	1025015	5	13/8" x 21 Spline, Push Pin, Quick Detach Fork	1
33544	1026015	6	13/8" x 21 Spline, Push Pin, Quick Detach Fork	1
33545	1027015	7	13/8" x 21 Spline, Push Pin, Quick Detach Fork	1
33546*	1028015	8	13/8" x 21 Spline, Push Pin, Quick Detach Fork	2
13/4" x 20 Spline	•			
33929	1025025	5	19/4" x 20 Spline, Push Pin, Quick Detach Fork	1
33930	1026025	6	19/4" x 20 Spline, Push Pin, Quick Detach Fork	1
33547	1027025	7	19/4" x 20 Spline, Push Pin, Quick Detach Fork	1
33548*	1028025	8	13/4" x 20 Spline, Push Pin, Quick Detach Fork	2
Quick Detach Pin	Kits			
31375	1581038	All	1¾" Push Pin Kit	
35359	1581039	All	1¾" Push Pin Kit	
65772	1581037	All	13/4" Push Pin Kit (Fits new enclosed style yokes.)	

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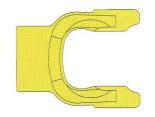
Splined Forks Tractor & Implement End



Interfering Bolt / Non-Interfering Bolt / Plain Splined Yoke

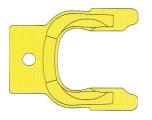
Plain Type





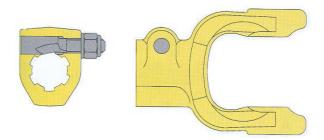
No Pin Hole





With Pin Hole

Agmate Part #	Eurocardan Part #	Series Size	Description
13/8" x 6 Spline			
35361	1702010	2	13/8" x 6 Spline Yoke - No Holes - Fits Tedder Disc
69268	1704510	4	13/8" x 6 Spline Yoke with Pin Hole
33905	1705272	5	1%" x 6 Spline Yoke - No Holes - 37%" Overall - Fits Flex Coupler
34309	1705324	5	13/6" x 6 Spline Yoke - No Holes - 45/16" Overall - Fits Flex Coupler
13/4" x 20 Spline			
35360	1705325	5	13/4" x 20 Spline - No Holes - Fits Flex Coupler



Interfering Bolt Type

Agmate Part #	Eurocardan Part #	Series Size	Description	
1¾" x 20 Spline				
74799	1038025	6	1¾" x 20 Spline Yoke, Interfering Bolt	
36112	1108025	8	1¾" x 20 Spline Yoke, Interfering Bolt	
39224	6761480	8	Bolt & Nut Kit for #36112 (14mm x 80mm)	
74796	6821483	6	Conical Bolt & Nut Kit for #74799	



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Smooth Bore Forks



Rotary Cutter Shear Pin Forks

13/8" Smooth Bore with 1/2" Shear Pin Hole Held on with Snap Ring on Input Shaft Groove



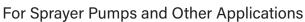
Agmate Part #	Eurocardan Part#	Series Size	Description	
32201	1074033	4	Fits Series 4	
32202	1075541	5	Fits Series 5	
32203	1076951	6	Fits Series 6	

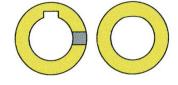
Post Hole Digger Shear Pin Forks

11/4" Smooth Bore with 3/8" Shear Pin Hole and 1/4" x 20 UNC S.S. Hole Held on with screws in yoke that fit into shaft groove; not included.

Agmate Part #	Eurocardan Part #	Series Size	Description	
32204	1071040	1	Fits Series 1	
32205	1073040	3	Fits Series 3	
32206	1074040	4	Fits Series 4	

Miscellaneous Smooth Bore Equipment End Forks





Agmate Part #	Eurocardan Part #	Series	Description			
54601	1061033	1	3/4" Smooth Yoke with 3/16" Keyway, 5/16-18 unc set screw			
54600	1061032	1	1 5/16" smooth yoke with 1/4" Keyway, 5/16-18 unc set screw			
54599	1061031	1 5%" Smooth Yoke with 3/16" Keyway, 5/16-18 unc set screw				
54598	1061026	1	1 1" Smooth Yoke with ¼" Keyway, 3/8-16 Set Screw Hole			
35819	1063015	3	30mm (1¾6") Bore, ¼" Keyway, Set Screw Hole			
53516	1064015	4	30mm (1¾16") Bore, 5/16" Keyway, 10mm Set Screw Hole			
32233	1064829	4	1" Smooth Yoke with ¼" Keyway, ¼" Set Screw Holes (2)			

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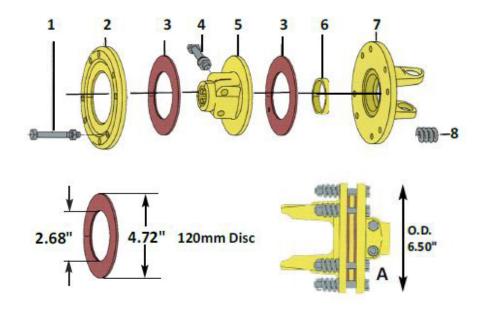




FD0 Slip Clutch Parts



Light Duty 2 Disc - 6020 In. Lb. Torque for use with Series 4



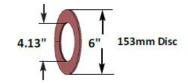
CH Spring Settings						
Spring	NIM	FD0 Torque				
Height	NM	In Lb.	Ft Lb.			
29 / 1.14	230	2040	170			
28 / 1.10	410	3630	300			
27 / 1.06	530	4690	390			
26 / 1.02	680	6020	500			

Reference #	Agmate Part #	Eurocardan Part #	Description
А	40225	1334030	Slip Clutch FD0 T L Fork (Series Size 4) 1%" x 6 Spline
1	87992	6001075	Slip Clutch Tension Spring Bolt 10mm x 75mm (FD0)
3	40219	1804000	120mm Friction Disc (FD0) - O.D. is 4.72" - I.D. is 2.68"
4	54157	6821271	Slip Clutch 65mm Conical Bolt Kit 12mm
5	40220	1704016	Slip Clutch 13%" x 6 Spline Hub (FD0)
6	40221	1704017	Sleeve
7	40945	1704021	Slip Clutch Flange Yoke (FD0) #4
8	32498	1215012	Tension Spring 6mm

Friction Disc

153mm Fits Belleville Clutch BC2-BC4

Agmate Part #	Eurocardan Part #	Description
73635	1806010	153mm Disc Fits Belleville Clutch





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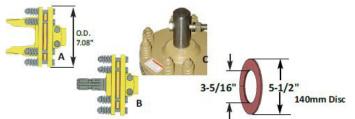




FD1 / FDS1 Slip Clutch Parts



Standard 2 Disc - 7950 In. Lb. Torque For Use With Series 4, 5, & 6



CH Spring Settings							
Spring	NM	FD0 Torque					
Height	INIVI	In Lb.	Ft Lb.				
29 / 1.14	260	2300	190				
28 / 1.10	420	3720	310				
27 / 1.06	570	5040	420				
26 / 1.02	730	6430	540				

	3000 M. I			26 / 1.02 730 6430 540			
Reference #	Agmate Part #	Eurocardan Part #	Series Size	Description			
Complete FD1 Ass	sembly Fork						
А	32207	1344018	4	Complete FD1 torque limiter w/yoke 13/8" x 6 Spline			
А	32208	1345018	5	Complete FD1 torque limiter w/yoke 1%" x 6 Spline			
А	32209	1346018	6	Complete FD1 torque limiter w/yoke 13/8" x 6 Spline			
Complete FDS1 A	Complete FDS1 Attachments						
В	B 31951 1356104 4,5,6 Slip clutch attachment w/ 1¾" x 6 male & female						
С	32323	1356242	4,5,6	Slip clutch attachment w/ 1%" x Smooth both sides			
Parte For FD1 / El	Parts For FD1 / FDS1						
Parts For FD1 / FDS1							
1	1	6691085	4/5/6	Spring Bolt Kit with Nut. 10 x 85mm (FD 1/2)			
1 2	82960 32487	6691085 1135007	4/5/6 4/5/6	Spring Bolt Kit with Nut, 10 x 85mm (FD 1/2) Pressure Plate - Outer			
	82960						
2	82960 32487	1135007	4/5/6	Pressure Plate - Outer			
2 3	82960 32487 32551	1135007 1135008	4/5/6 4/5/6	Pressure Plate - Outer Pressure Plate - Inner 180mm			
2 3 4	82960 32487 32551 31953	1135007 1135008 1805010	4/5/6 4/5/6 4/5/6	Pressure Plate - Outer Pressure Plate - Inner 180mm Friction Disc - 140mm (5.5") 35/16" Center Hole			
2 3 4 5	82960 32487 32551 31953 32505	1135007 1135008 1805010 6141270	4/5/6 4/5/6 4/5/6 4/5/6	Pressure Plate - Outer Pressure Plate - Inner 180mm Friction Disc - 140mm (5.5") 35/46" Center Hole Bolt Only 12mm x 70mm			
2 3 4 5	82960 32487 32551 31953 32505 33996	1135007 1135008 1805010 6141270 6411212	4/5/6 4/5/6 4/5/6 4/5/6 4/5/6	Pressure Plate - Outer Pressure Plate - Inner 180mm Friction Disc - 140mm (5.5") 35/16" Center Hole Bolt Only 12mm x 70mm Lock Washer 12mm			
2 3 4 5 5	82960 32487 32551 31953 32505 33996 32506	1135007 1135008 1805010 6141270 6411212 6410112	4/5/6 4/5/6 4/5/6 4/5/6 4/5/6	Pressure Plate - Outer Pressure Plate - Inner 180mm Friction Disc - 140mm (5.5") 35/16" Center Hole Bolt Only 12mm x 70mm Lock Washer 12mm Nut 12mm			
2 3 4 5 5 5 6	82960 32487 32551 31953 32505 33996 32506 32489	1135007 1135008 1805010 6141270 6411212 6410112 1705005	4/5/6 4/5/6 4/5/6 4/5/6 4/5/6 4/5/6 4/5/6	Pressure Plate - Outer Pressure Plate - Inner 180mm Friction Disc - 140mm (5.5") 35/16" Center Hole Bolt Only 12mm x 70mm Lock Washer 12mm Nut 12mm Hub 13/16" x 6 Spline			
2 3 4 5 5 5 6 6	82960 32487 32551 31953 32505 33996 32506 32489 33910	1135007 1135008 1805010 6141270 6411212 6410112 1705005 1706308	4/5/6 4/5/6 4/5/6 4/5/6 4/5/6 4/5/6 4/5/6	Pressure Plate - Outer Pressure Plate - Inner 180mm Friction Disc - 140mm (5.5") 35/16" Center Hole Bolt Only 12mm x 70mm Lock Washer 12mm Nut 12mm Hub 13/6" x 6 Spline Hub Smooth 13/6" for FDS1 Attachment			



8

10

11

32492

33912

32498

1705006

1706100

1215012

WARNING - BE SURE TO USE PROPER LENGTH PTO!

5

4/5/6

4/5/6

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Flange with Yoke for Series 5

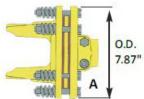
Flange with Splined Shaft for FDS1 Attachment

Spring Tension (Also used on FDS1 Attachment) 6mm

FD2 Slip Clutch Parts (160mm Disc)



Heavy Duty 2 Disc - 10,600 In. Lb. Torque For Use with Series 5, 6, & 7



CH Spring Settings							
Spring	NM	FD0 T	orque				
Height	INIVI	In Lb.	Ft Lb.				
29 / 1.14	710	6280	520				
28 / 1.10	1190	10530	880				
27 / 1.06	1530	13540	1130				
26 / 1.02	1860	16460	1370				

	A L			27 / 1.06 1530 13540 113			
- soul				26 / 1.02 1860 16460 137			
Reference #	Agmate Part #	Eurocardan Part #	Series Size	Description			
Complete FD2 As	sembly Fork						
А	33030	1385018	5	Complete FD2 Torque Limiter with Yoke 1%" x 6 Spline			
А	32210	1386018	6	Complete FD2 Torque Limiter with Yoke 1%" x 6 Spline			
А	36104	1406028	6	Complete FD2 Torque Limiter with Yoke 1¾" x 20 Spline			
4				3-13/16" 6-5/16" 160mm Disc			
Parts For FD2							
1				Spring Bolt Kit with Nut 10 x 85mm (FD 1/2)			
'	82960	6691085	5/6/7	Spring Bolt Kit with Nut 10 x 85mm (FD 1/2)			
1	82960 39224	6691085 6761480	5/6/7 5/6/7	Spring Bolt Kit with Nut 10 x 85mm (FD 1/2) Bolt & Nut Kit for 1¾" Hub 14mm x 80mm			
1	39224	6761480	5/6/7	Bolt & Nut Kit for 1¾" Hub 14mm x 80mm			
1 2	39224 32495	6761480 1138007	5/6/7 5/6/7	Bolt & Nut Kit for 1¾" Hub 14mm x 80mm Pressure Plate - Outer			
1 2 3	39224 32495 32552	6761480 1138007 1138008	5/6/7 5/6/7 5/6/7	Bolt & Nut Kit for 1¾" Hub 14mm x 80mm Pressure Plate - Outer Pressure Plate - Inner 200mm			
1 2 3 4	39224 32495 32552 31971	6761480 1138007 1138008 1808010	5/6/7 5/6/7 5/6/7 5/6/7	Bolt & Nut Kit for 1¾" Hub 14mm x 80mm Pressure Plate - Outer Pressure Plate - Inner 200mm Friction Disc - 160mm (65/16") 31¾6" Center Hole			
1 2 3 4 5* (13/6")	39224 32495 32552 31971 32505	6761480 1138007 1138008 1808010 6141270	5/6/7 5/6/7 5/6/7 5/6/7 5/6/7	Bolt & Nut Kit for 1¾" Hub 14mm x 80mm Pressure Plate - Outer Pressure Plate - Inner 200mm Friction Disc - 160mm (65%") 31¾6" Center Hole Bolt Only 12mm x 70mm			
1 2 3 4 5* (13/6") 5	39224 32495 32552 31971 32505 339966	6761480 1138007 1138008 1808010 6141270 6412112	5/6/7 5/6/7 5/6/7 5/6/7 5/6/7	Bolt & Nut Kit for 1¾" Hub 14mm x 80mm Pressure Plate - Outer Pressure Plate - Inner 200mm Friction Disc - 160mm (65%6") 31¾6" Center Hole Bolt Only 12mm x 70mm Lock Washer 12mm			
1 2 3 4 5* (13/6") 5	39224 32495 32552 31971 32505 339966 32506	6761480 1138007 1138008 1808010 6141270 6412112 6410112	5/6/7 5/6/7 5/6/7 5/6/7 5/6/7 5/6/7	Bolt & Nut Kit for 1¾" Hub 14mm x 80mm Pressure Plate - Outer Pressure Plate - Inner 200mm Friction Disc - 160mm (65%") 31¾6" Center Hole Bolt Only 12mm x 70mm Lock Washer 12mm Nut 12mm			
1 2 3 4 5* (13/6") 5 5 5	39224 32495 32552 31971 32505 339966 32506 74797	6761480 1138007 1138008 1808010 6141270 6412112 6410112 6821484	5/6/7 5/6/7 5/6/7 5/6/7 5/6/7 5/6/7 5/6/7	Bolt & Nut Kit for 1¾" Hub 14mm x 80mm Pressure Plate - Outer Pressure Plate - Inner 200mm Friction Disc - 160mm (65%") 31¾6" Center Hole Bolt Only 12mm x 70mm Lock Washer 12mm Nut 12mm Bolt & Nut Kit Fits #74798			
1 2 3 4 5* (13/6") 5 5 5* 5* 5* (13/4")	39224 32495 32552 31971 32505 339966 32506 74797 39224	6761480 1138007 1138008 1808010 6141270 6412112 6410112 6821484 6761480	5/6/7 5/6/7 5/6/7 5/6/7 5/6/7 5/6/7 5/6/7 5/6/7	Bolt & Nut Kit for 1¾" Hub 14mm x 80mm Pressure Plate - Outer Pressure Plate - Inner 200mm Friction Disc - 160mm (65%") 31¾6" Center Hole Bolt Only 12mm x 70mm Lock Washer 12mm Nut 12mm Bolt & Nut Kit Fits #74798 Bolt & Nut Kit Fits #36104			
1 2 3 4 5* (13/6") 5 5 5 5* (13/4") 5*	39224 32495 32552 31971 32505 339966 32506 74797 39224 54157	6761480 1138007 1138008 1808010 6141270 6412112 6410112 6821484 6761480 6821271	5/6/7 5/6/7 5/6/7 5/6/7 5/6/7 5/6/7 5/6/7 5/6/7 5/6/7	Bolt & Nut Kit for 1¾" Hub 14mm x 80mm Pressure Plate - Outer Pressure Plate - Inner 200mm Friction Disc - 160mm (65%") 31¾" Center Hole Bolt Only 12mm x 70mm Lock Washer 12mm Nut 12mm Bolt & Nut Kit Fits #74798 Bolt & Nut Kit Fits #36104 12 x 65mm Conical Bolt Kit Fits #54156			



6* (13/8")

7

8

8

9

54155

32490

33031

32493

32498

1708907

1705009

1705041

1706033

1215012

WARNING - BE SURE TO USE PROPER LENGTH PTO!

5/6/7

5/6/7

5

6

5/6/7

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Hub 13%" x 6 Spline Conical Bolt #54156

Sleeve

Flange with Yoke for Series 5

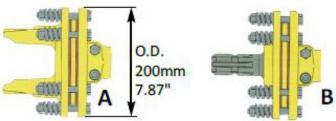
Flange with Yoke for Series 6

Tension Spring 6mm

FD4 Slip Clutch Parts (4 Disc 160mm Disc)



Heavy Duty 12,850 In. Lb. Torque Series 6 - 15,050 In. Lb. Torque Series 7 & 8



CH Spring Settings							
Spring	NM	FD0 T	orque				
Height	INIVI	In Lb.	Ft Lb.				
29 / 1.14	710	6280	520				
28 / 1.10	1190	10530	880				
27 / 1.06	1530	13540	1130				
26 / 1.02	1860	16460	1370				

6000 m E		dm i		26 / 1.02 1860 16460 1370			
Reference # Agmate Part # Eurocardan Part # Series			Series Size	Description			
Complete FD4 As	sembly Fork						
А	32387	1466030	6	6 Complete FD4 Torque Limiter with Yoke 13/8" x 6 Spline			
А	34574	1446037	6	Complete FD4 Torque Limiter with Yoke 1¾ x 20 Spline			
٧	33550	1468031	8	Complete FD4 Torque Limiter with Yoke 1¾" x 6 Spline			
Α	A 34149 1448034 8 Complete F			Complete FD4 Torque Limiter with Yoke 1¾" x 20 Spline			
Complete FDS4 Attachments							
В	36065	1456030	6/7/8	Complete FDS4 Slip Clutch Attachment with Male Shaft 13/8" x 6 Spline			
2 3 4 5 6 4 3 4 8 4 9 11 3-13/16" 6-5/16" 160mm Disc							
Parts For FD4							
1	35030	6691010	6/7/8	Bolt 10mm x 100mm for Tension Spring with Nut			
2	32495	1138007	6/7/8	Pressure Plate - Outer			
3	22552	1120000	6/7/0	Proceura Plata Innar 200mm			

Parts For FD4					
1	35030	6691010	6/7/8	Bolt 10mm x 100mm for Tension Spring with Nut	
2	32495	1138007	6/7/8	Pressure Plate - Outer	
3	32552	1138008	6/7/8	Pressure Plate - Inner 200mm	
4	31971	1808010	6/7/8	Friction Disc - 160mm (65/16") - 313/16" Center Hole	
5* (13/8")	32505	6141270	6/7/8	Bolt Only 12mm x 70mm	
5	33996	6411212	6/7/8	Lock Washer 12mm	
5	32506	6410112	6/7/8	Nut 12mm	
5* (1¾")	39224	6761480	6/7/8	Bolt Kit 14mm x 80mm	
6* (13/8")	33551	1708018	6/7/8	Hub 13/8" x 6 Spline (FD4)	
6* (13/8")	34150	1705032	6/7/8	Hub 1%" x 6 Spline (FD)	
6* (13/4")	34575	1706313	6/7/8	Hub 13/4" x 20 Spline (FD4)	
6	69284	1708021	6/7/8	Hub 1%" x 21 Spline (FD4)	
8	34153	1708034	6/7/8	Inner Spacer Sleeve	
9	32490	1705009	6/7/8	Sleeve	
10	32493	1706033	6	Flange with Yoke for Series 6	
12	32498	1215012	6	Tension Spring	



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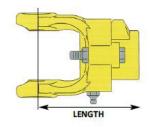




Complete LC Shear Pin Forks

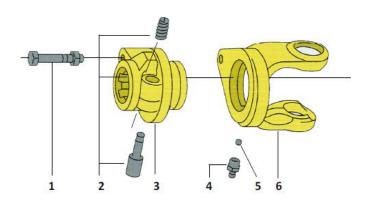


Complete Yoke Assembly 13/8" x 6 Spline





Agmate Part #	Eurocardan Part #	Series Size	Used On	B Length	In. Lb. Torque	R1 Diameter		
Complete LC Sheer	Complete LC Sheer Pin Forks							
33034	1484037	4	LC4	47/32"	15000	231/64"		



Reference #	Agmate Part #	Eurocardan Part #	Series Size	Description	Quantity Required	Used On
Parts for LC Shear Pin Flanges - Limited Inventories (Special Orders)						
2	31375	1581038	All	QD Pin Assembly	1	All
5	36290	6863114	4/5	Ball Bearing	1	4/5
6	36287	1704036	4	Yoke Only	1	LC4



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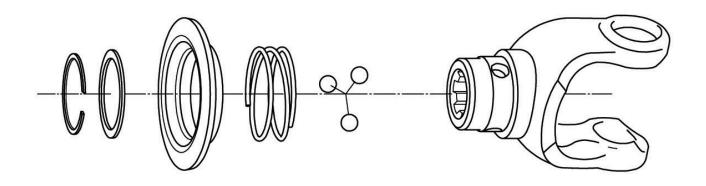
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Metal Collar Quick Release Yokes





Agmate Part #	Eurocardan Part #	Description	Size
60259	1012013	1%" x 6 Spline (#2) Metal Collar QR	2
60260	1014013	1%" x 6 Spline (#4) Metal Collar QR	4
59389	1015013	1%" x 6 Spline (#5) Metal Collar QR	5
54597	1018013	1%" x 6 Spline (#8) Metal Collar QR	8
59390	1015018	1%" x 21 Spline (#5) Metal Collar QR	5
60261	1016018	1%" x 21 Spline (#6) Metal Collar QR	6
60262	1018018	13/6" x 21 Spline (#8) Metal Collar QR	8
60263 104227		Metal Collar Repair Kit	All

!

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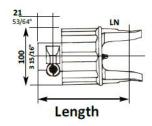




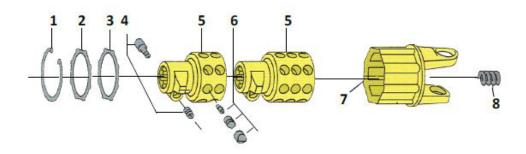
LN Pawl Type Torque Limiter Parts List



LN2 Series 1 - 5,700 In. Lb. Torque / LN2 Series 2 Up - 7,050 In. Lb. Torque



Agmate Part #	Eurocardan Part #	Series Size	Description	Length
Completed Pawl Fork				
32322	1622250	2	LN2 Pawl with Yoke with 1%" x 6 Spline	5.59"
57467	1644250	4	LN3 Pawl with Yoke with 1%" x 6 Spline	6.81"



Reference #	Agmate Part #	Eurocardan Part #	Series Size	Description	
Parts for LN Forks					
1	32501	6320080	All	Snap Ring	
4	31375	1581038	All	QD Pin Assembly	
5	33886	1702245	LN2	Hub for 2 Pawl with 1¾″ x 6 Spline	

<u>\!</u>

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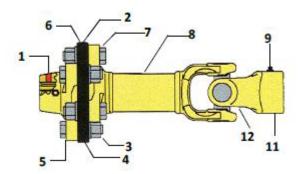


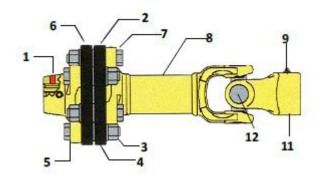


Gear Box Connector Shaft Assemblies



Complete with Flex Coupler - Series 5





Agmate Part #	Eurocardan Part #	Description
33231	8155033	Complete Single Pad (12.8" overall) 1¾" x 6 Both Ends
36949	7155006	Complete Single Pad (12.75" overall) 13/8" x 6 Both Ends (Yoke End Interfering Bolt Type)
36950	7155005	Complete Double Pad (16.75" overall) 1%" x 6 Both Ends (Yoke End Interfering Bolt Type)
56204	7155018	Complete Double Pad (16.75" overall) 1¾" x 20 Both Ends (Special Order)
34249	8155042	Complete Double Pad (17.5" overall) 1%" x 6 Pad End / 1¾" x 20 Interfering Bolt Yoke End
34138	8155041	Complete Double Pad (18.5" overall) 1%" x 6 Both Ends

Reference #	Agmate Part #	Eurocardan Part #	Description	Quantity Required	Used On
1	33899	1705268	Splined Flange 1%" x 6 Spline	1	ALL
1	35889	1705277	Splined Flange 1¾" x 20 Spline	1	ALL
1	51987	1705250	Smooth Flange Hub (1% rd)	1	ALL
2	33931	1785273	Pads	varies 1 or 2	ALL
3	33997	3381660	16 x 60 Bolt (single pad)	6	33231
3	33900	3381680	16 x 80 (double pad)	6	ALL
4	33901	1535275	Bushing	varies 6 or 12	ALL
5	33902	3930016	16mm Flat Washer	varies 6 or 12	ALL
6	33903	1235287	Shaped Washer	6	ALL
7	33904	3647016	Self Locking Nut 16mm	6	ALL
8	34253	1005311	Tube and Flange Yoke	1	33231
8	49283	1005222	Tube and Flange Yoke	1	36950
9	33905	1705272	Yoke (1¾" x 6 Spline)	1	ALL
9	34309	1705324	Extended Yoke (1%" x 6 Spline)	1	34138
9	49286	1105010	Yoke (13%" x 6 Interfering Bolt)	1	36949/50
9	35360	1705325	Yoke (1¾" x 20 Spline)	1	34249
11	35760	6560006	Grease Zerk	1	ALL
12	31371	1005020	Center Cross Kit Series 5	1	ALL (except 56204)



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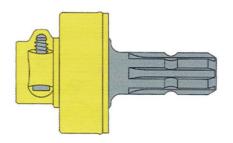
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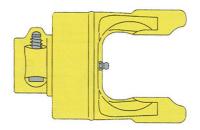




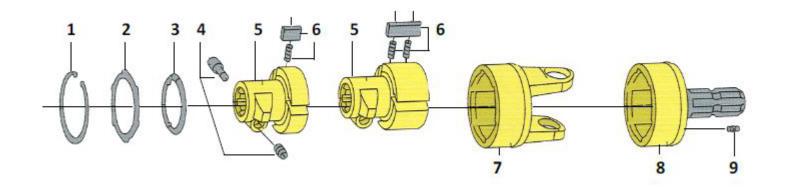
Over-running Clutch / QD Pin Type







Agmate Part #	Eurocardan Part #	Туре	Description
71429	1516127	RLS1	13/8" x 6 Spline to 13/6" x 6 Spline QD Pin
32439	1516113	RLS1	11/8" x 6 Spline to 13/8" x 6 Spline QD Pin
38217	1504226	RL1	Yoke Type Series #4
38218	1745226	RL2	Yoke Type Series #5



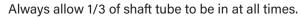
Reference #	Agmate Part #	Eurocardan Part #	Description	Use On
1	32501	6320080	Snap Ring	ALL
3	32503	1783009	Anti Dust Ring	ALL
4	31375	1581038	QD Pin Assembly	ALL
	32500	1745108	Pawl / Spring Kit (Requires 3 per Unit) RL2/RL2	RL2/RLS2
9	35760	6560006	Grease Zerk	ALL



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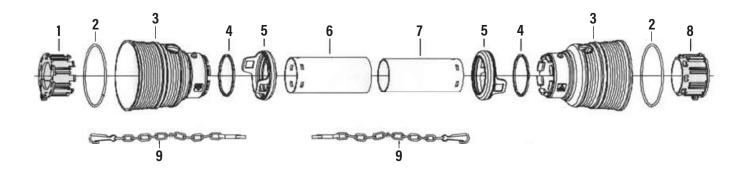




Eurocardan PM14 Complete Shields (For Series 1-2-3-4)

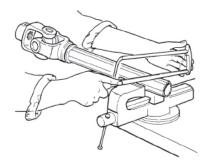


Complete Shields To Fit Up To 1210mm (471/2") x to x PTO Assemblies



Agmate Part #	Eurocardan Part # Description		Fits Max Length X-X	Fits Series PTO				
Shield With 2 Star	ndard Cones							
36727	90SL2100	Complete Shield with Series 2 Bearings - PM14	1210	2				
71040	96SL4099	Complete Shield with Series 4 Bearings - PM14	1210	3-4				
Shield With 1 Star	ndard Cone / 1 Short Co	one (For Slip Clutch Type Drive Lines)						
Shield With 1 Standard Cone / 1 Short Cone (For Slip Clutch Type Drive Lines) 73297 Short Coneadd to price. ALL 1-2-3-4								
	Shield With 2 Long Cones (For Splined or Smooth Yoke, Both Ends)							
	g Cones (For Splined o	<u> </u>	ALL	1-2-3-4				

**NOTE: SHIELDS ARE FOR UP TO 1210MM X-X DRIVE LINES . . . CUT TUBES TO FIT



ASSEMBLE THE SHIELDS ON EACH HALF, THEN CUT THE TUBES THE SAME LENGTH AS THE SLIP TUBES.

MAKE SURE THEY DO NOT COME TOGETHER AND BIND WHEN THE TWO HALVES ARE ASSEMBLED.



WARNING - BE SURE TO USE PROPER LENGTH PTO!

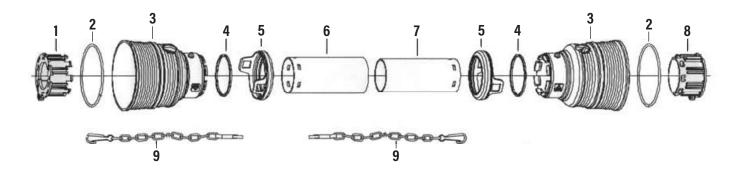
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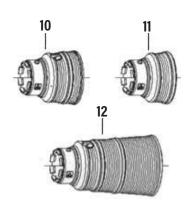


Eurocardan PM14 Shield Parts (For Series 1-2-3-4)





Reference #	Agmate Part #	Eurocardan Part #	Description	Quality Required	Fits Max Length X-X	Fits Series PTO
Bearing Lock	ks For All S	Shields				
1	35064	1781210	Tube Bearing - Outer #1	1	ALL	1
1	73295	1784710	Tube Bearing - Outer #3-4	1	ALL	3-4
8	35067	1781211	Tube Bearing - Inner #1	1	ALL	1
8	73292	1784711	Tube Bearing - Inner #3-4	1	ALL	3-4
4	73300	1211735	Safety Ring	1	ALL	1-2-3-4
5	73299	1881709	Safety Sleeve	1	ALL	1-2-3-4
Soft Outer C	one					
3	73298	1781723	Cone-Standard Covers Cros	SS	ALL	1-2-3-4
10	73297	1781722	Cone-Short-Covers up to the Cross-use with slip clutch		ALL	1-2-3-4
9	33994	1006065	Anti-Rotation Chain		ALL	1-2-3-4
Miscellaneou	us Chains	/ Decals				
-	36721	1140001	Decal Outer Shield ("DANGE	R")	ALL	1-2-3-4



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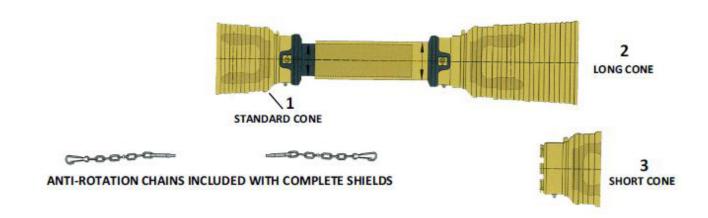




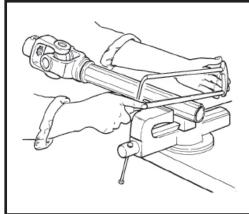
Eurocardan PM57 Complete Shields (For Series 5-6-7)



Complete Shields To Fit Up To 1540mm X to X PTO Assemblies



Reference #	Agmate Part #	Eurocardan Part #	Description	Fits Max Length X-X	Fits Series PTO			
Shield With 1 Standard Cone / 1 Short Cone (For Slip Clutch Type Drive Lines) Add to above for short cone, change out long cone one implement end.								
1	39588	90SC6064	Shield for slip clutch with series 6-7 bearings.	910	6-7			
	Shield With 2 Standard Cones (Only if equipment is furnished with permanent shielding.) Add to above for standard cone, change out long cone on implement end.							
3	59388	90SS6127	Complete shield with 5 bearings.	1540	5			
	56628	90SS6129	Complete shield with 6-7 bearings.	1540	6/7			



**NOTE: SHIELDS ARE FOR UP TO 910MM, 1210MM AND 1540MM DRIVE LINES . . . CUT TUBES TO FIT

ASSEMBLE THE SHIELDS ON EACH HALF, THEN CUT THE TUBES THE SAME LENGTH AS THE SLIP TUBES.

MAKE SURE THEY DO NOT COME TOGETHER AND BIND WHEN THE TWO HALVES ARE ASSEMBLED.



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Always allow 1/3 of shaft tube to be in at all times.

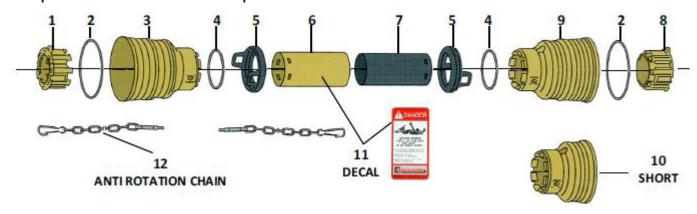
ALWAYS KEEP SHIELDING IN WORKING ORDER AND IN PLACE!



Eurocardan PM57 Shield Parts (For series 5-6-7)



Complete Shields To Fit Up To 1410mm X to X PTO Assemblies



Reference #	Agmate Part #	Eurocardan Part #	Description	Fits Max Length X-X	Fits Series PTO
Bearing Locks Fo	r All Shields	•			
1	36521	1785710	Tube Bearing-Outer #5	ALL	5
1	36522	1786710	Tube Bearing-Outer #6-7	ALL	6-7
1	36520	1786711	Tube Bearing-Outer #6-7	ALL	6-7
Cones with Stiffer	ning Ring				
9	36516	1785704	Cone-Long-Covers Cross and Yoke	ALL	5-6-7
10	36518	1785702	Cone-Short-Covers up to the cross-use with slip clutch	ALL	5-6-7
2	36523	1215733	Stiffening Ring (Replacement Only)	ALL	5-6-7
Safety Locks		^			
4	36524	1215735	Stop Snap Ring - Takes 2 Per Shield	ALL	5-6-7
5	36525	1885709	Safety Sleeve - Takes 2 Per Shield	ALL	5-6-7
Tubes Only - (Cut	to length to fit needs.)			
6	56655	1776114	Outer Tube for up to 1410 mm x-x yellow (45") with decal	1410	5-6-7
7	56656	1877114	Inner Tube for up to 1410 mm x-x black (45")	1410	5-6-7
Miscellaneous - C	hains/Decals	•			
11	36721	1140001	Decal "DANGER"	All Oute	r Tubes
12	33994	1006065	Anti-Rotation Chain	Al	.L



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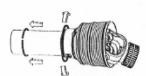
Eurocardan PM57 Complete Shields (For Series 5-6-7)



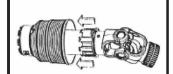
DISMANTLING INSTRUCTIONS



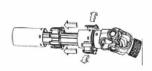
1. REMOVE SAFETY SLEEVE.



2. REMOVE SNAP RING FROM SLOT.

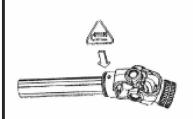


3. SLIDE CAP AWAY FROM LOCK.

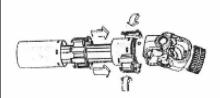


4. WIDEN THE BEARING AND TAKE OFF TUBE AND YOKE.

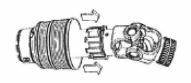
ASSEMBLING INSTRUCTIONS



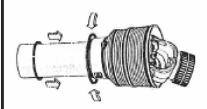
1. GREASE THE SEAT ON THE FORK



2. PUT THE BEARING IN THE SLOT ON THE YOKE WHILE HOOKING ONTO THE TUBE.



3. INSERT THE CONE ONTO THE BEARING, MAKING SURE THE SLOTS MATCH UP AND THE CHAIN HOOK IS IN THE SLOT INTENDED FOR IT.



4. PUT THE SNAP RING IN THE GROOVE, WHICH IS FORMED WITH THE CAP AND BEARING IF PROPERLY ALIGNED.



5. SLIDE THE SAFETY RING OVER THE SNAP RING AND ATTACH TO THE PROJECTIONS ON THE CONE.

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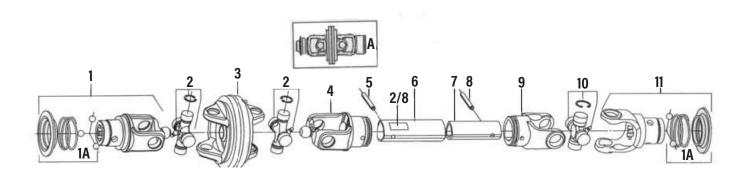
Always allow 1/3 of shaft tube to be in at all times.

ALWAYS KEEP SHIELDING IN WORKING ORDER AND IN PLACE!



Series 4 ME Style Constant Velocity





Reference #	Agmate Part #	Eurocardan Part #	Description	Quantity Required
А	111973	7104422	G04 Homokinetic Assembly with 13/8" x 6 Spline T.E.	1
1	58912	1004875	Yoke Metal Pull Collar CV 1%" x 6 Spline	1
2	56210	1004840	Cross Kit G04	2
3	56643	1004831	Center Homokinetic Joint G04	1
5	36573	6330860	Roll Pin 8mm x 60mm	1
6	33060	1524801	External Tubing #4 (Cut to length & drill pin hole.)	1
7	33052	1525801	Internal Tubing #4 (Cut to length & drill pin hole.)	1
8	33046	6330855	Pin roll 8mm x 55mm	1
9	31379	1704029	Inner Tube Yoke	1
10	31370	1004020	Cross Kit Series 4	1
11	60260	1014013	Yoke Metal Pull Collar 1%" x 6 Spline	1
12	36722	1140003	Decal Tube "SHIELD MISSING"	1

<u>!</u>

WARNING - BE SURE TO USE PROPER LENGTH PTO!

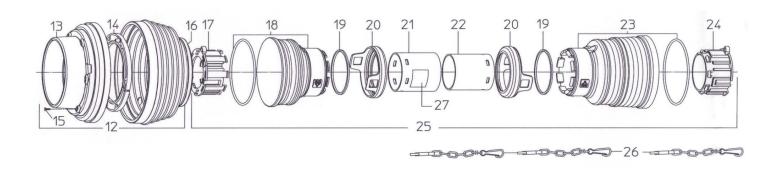
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PM14 Shield For ME4 and GM4 CV Assembly (For Series 4 Only)





Reference #	Agmate Part #	Eurocardan Part #	Description	Quantity Required
12	83923	9490401	Wide Angle Protection	1
14	40228	1780430	Bearing Soft Cone	1
17	73295	1784710	Outer Tube Bearing	1
19	73300	1211735	Stop Ring	2
20	73299	1881709	Safety Sleeve	2
23	73298	1781723	Standard Cone	1
24	73292	1784711	Inner Tube Bearing	1
25	56645	90CS4059	Complete Protection up to CV joint	1
26	33994	1006065	Anti-Rotation Chain	3
27	36721	1140001	Outer Decal	1
28	36722	1140003	Inner Decal	1

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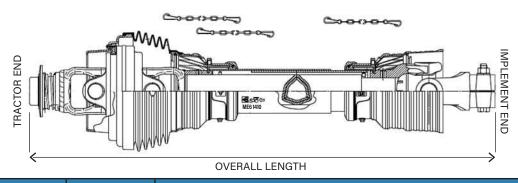
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Series 6 ME Style Constant Velocity





Reference #	Agmate Part #	Eurocardan Part #	Description	Quantity Required
А	19805	7106522	G06 Homokenetic Assembly with 13/6" x 6 Spline T.E.	1
1	56648	1006865	Yoke Metal Pull Collar 1%" x 6 Spline	1
1	56649	1006866	Yoke Metal Pull Collar 1%" x 21 Spline	ОРТ
1a	56650	1006814	Yoke Metal Pull Collar 1¾" x 20 Spline	ОРТ
1b	60263	1004227	Repair Kit for Metal Pull Collar	1
2	56208	1006830	Cross Kit G06	2
3	56651	1006831	Center Homokinetic Join G06	1
5	32486	6331080	Roll Pin 10mm x 80mm	1
6	33062	1528801	External Tubing #6 (Cut to length & drill pin hole.)	1
7	33053	1526801	Internal Tubing #6 (Cut to length & drill pin hole.)	1
8	36575	6331070	Roll Pin 10mm x 70mm	1
9	33042	1706029	Inner Tube Yoke	1
10	32192	1006020	Cross Kit Series 6	1
11	74799	1036025	Yoke 1¾" x 20 Spline Interferring Bolt	1
11a	74797	6821484	Conical Bolt Kit Fits 1¾" x 20 Spline Yoke	1
12	36722	1140003	Decal Tube "SHIELD MISSING"	1



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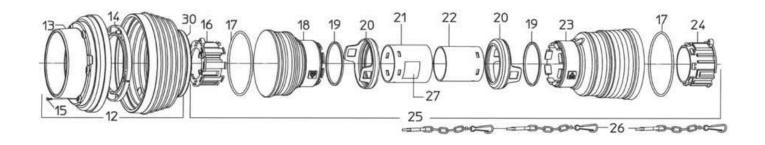
The applications recommended are to be considered only as a guideline.





PM57 Shield For ME6 CV Assembly





Reference #	Agmate Part #	Eurocardan Part #	Description	Quantity Required
12	72195	9490601A	Wide Angle Protection	1
16	36522	1786710	Outer Tube Bearing	1
17	36523	1215733	Stiffening Ring	2
18	36518	1785702	Short Cone	1
19	36524	1215735	Stop Ring	2
20	36525	1885709	Safety Sleeve	2
21	56655	1776114	Outer Tube Shield	1
22	56656	1877114	Inner Tube Shield	1
24	36520	1786711	Inner Tube Bearing	1
25	56653	90CS6114	Complete Protection up to CV Joint	1
26	33994	1006065	Anti-Rotation Chain	3
27	36721	1140001	Outer Decal	1
28	36722	114003	Inner Decal	1

WARNING - BE SURE TO USE PROPER LENGTH PTO!



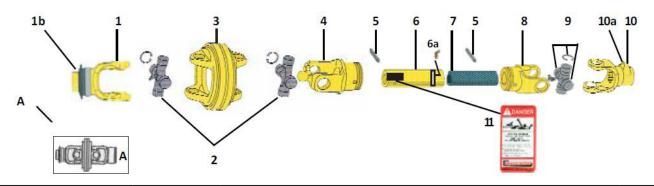
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Series 8 ME Style Constant Velocity

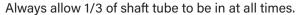




Reference #	Agmate Part #	Eurocardan Part #	Description	Quantity Required
А	109806	7108522	G08 Homokenetic Assembly with 13/6" x 6 Spline T.E.	1
1	56658	1008865	Yoke Metal Pull Collar 13/8" x 6 Spline	1
1*	56659	1008866	Yoke Metal Pull Collar 1%" x 21 Spline	1
1*	56660	1008878	Yoke MPC 1¾" x 20 Spline	1
1b	60263	1004227	Repair Kit for Metal Pull Collar	1
2	56209	1008830	Cross Kit G08	2
3	56661	1008831	Center Homokinetic Joint G08	1
4	56662	1008827	External Tube Yoke G08	1
5	56626	6331090	Roll Pin 10 x 90	2
6	33064	1550901	External Tubing 59" (Drill & cut to length.)	1
6a	35760	6560006	Grease Zerk	1
7	36732	1551072	Inner Tubing 59" (Drill & cut to length.)	1
8	33044	1708029	Inner Tube Yoke	1
9	32194	1008020	Cross Kit Series 8	1
10	36112	1108025	Yoke 19/4" x 20 Spline Interfering Bolt	
10a	74797	6821484	Bolt Kit for 13/4" x 20 Spline Yoke	
11	36722	1140003	Decal Tube "SHIELD MISSING"	1

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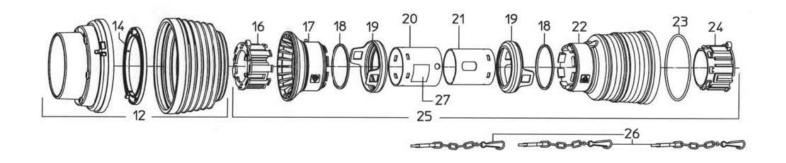






PM80E Shield For ME8 CV Assembly





Reference #	Agmate Part #	Eurocardan Part #	Description	Quantity Required
12	56666	9490600	Wide Angle Protection (Cover for CV only.)	1
14	35261	1786527	Bearing Soft Cone	1
16	56634	1788016	Bearing Outer Shield Tube P80E	1
17	56631	1788022	Cone Short P80E	1
18	56637	1218035	Stop Ring P80E	2
19	56638	1888009	Safety Sleeve P80E	2
23	56636	1218033	Stiffening Ring	1
22	56632	1788023	Cone Standard P80E	1
24	56635	1788017	Bearing Inner Tube P80E	1
25	65773	96CS8904	Complete P80E Shield Fits ME8 1440 (Cut to size.)	1
26	33994	1006065	Anti-Rotation Chain	3
27	36721	1140001	Decal Outer Shield Tube "DANGER"	1

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Agmate® Economy Driveline



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QD Splined Yokes - Both Implement & Tractor Ends H1

Slip Clutch Style - Implement End H1

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Section J **Agmate Economy Driveline Parts**

Section K Driveline Problem Solving

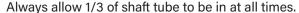
Note: The following pages represent Agmate's current offering of stocked Economy driveline assemblies and parts. Other sizes and styles of drivelines, as well as parts, may be available on either a special order or custom stocking program basis. If you have a requirement that you don't see listed, please don't hesitate to contact us.

Economy Line	HP @ 540 RPM	HP @ 1000 RPM
Series #1	16	24
Series #2	27	40
Series #4	35	53
Series #6	54	82



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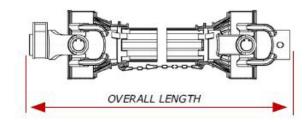






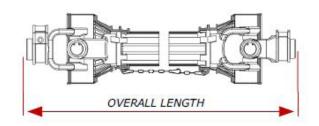


Complete PTO Assemblies with Shielding



Smooth Bore & Shear Pin Implement End

Part #	Series	Collapsed	Extended	Tractor Yoke	Implement Yoke
102264	1	27.5"	34.21"	13/8" x 6 Spline	15/16" Round with Keyway S.S.
102265	1	50.5"	68.5"	13/8" x 6 Spline	1¼" Round with ¾" Shear Pin
89800	4	32.6"	40.65"	13/8" x 6 Spline	13/8" Round with 1/2" Shear Pin
89803	4	37.8"	48.32"	13/8" x 6 Spline	13/8" Round with 1/2" Shear Pin
89367	4	42.5"	55.37"	13/8" x 6 Spline	13/8" Round with 1/2" Shear Pin
89804	4	47.2"	62.5"	13/8" x 6 Spline	13/8" Round with 1/2" Shear Pin
109132	4	51.5"	68.9"	13/8" x 6 Spline	1¼" Round with ¾" Shear Pin
89805	4	57.09"	77.26"	13/8" x 6 Spline	13/8" Round with 1/2" Shear Pin
102257	6	53"	68"	13/8" x 6 Spline	13/8" Round with 1/2" Shear Pin
109399	4	30"	40.14"	13/8" x 6 Spline	11/4" Round Bore with 3/8" Set Screw



Splined Yoke Implement End

Part #	Series	Collapsed	Extended	Tractor Yoke	Implement Yoke
89795	1	27"	33"	13/8" x 6 Spline	13/6" x 6 Spline
89798	4	40.39"	51.9"	13/8" x 6 Spline	13/6" x 6 Spline
89799	4	53"	70"	13/8" x 6 Spline	13/6" x 6 Spline
102245	6	52.9"	69.6"	13/8" x 6 Spline	13/6" x 6 Spline
104319	4	42"	53.5"	13/8" x 6 Spline	13/6" x 6 Spline
125475	8	60"	79"	13/8" x 6 Spline	13/8" x 21 Spline
102246	6	44.8"	57.6"	13/8" x 6 Spline	13/6" x 6 Spline
102974	6	53"	69.8"	13/8" x 6 Spline	13/6" x 6 Spline

<u>\!</u>

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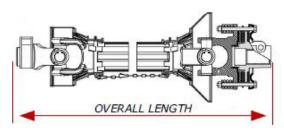




Grizzly® Drivelines

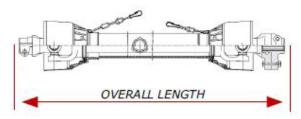


Complete PTO Assemblies with Shielding



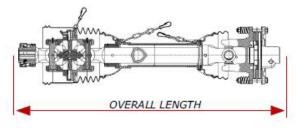
Slip Clutch Implement End

Part #	Series	Collapsed	Extended	Tractor Yoke	Implement Yoke
89364	4	34"	45.27"	13/8" x 6 Spline	13/6" x 6 Spline (FD2) 2 Disc Slip Clutch (160mm)
89797	4	43"	58.54"	13/8" x 6 Spline	13/8" x 6 Spline (FD2) 2 Disc Slip Clutch (180mm)
89807	5	37.72"	46.65"	13/8" x 6 Spline	13/6" x 6 Spline (FD2) 2 Disc Slip Clutch (200mm)
102242	6	47"	60"	13/8" x 6 Spline	1%" x 6 Spline (FD2) 2 Disc Slip Clutch (200 mm)
90647	6	54.2"	70.74"	13/8" x 6 Spline	1%" x 6 Spline (FD2) 2 Disc Slip Clutch (200 mm)
105045	6	54.2"	70.74"	13/8" x 6 Spline	1¾" x 20 Spline (FD2) 2 Disc Slip Clutch (200 mm)
90649	6	61"	80.74"	1¾" x 20 Spline (I.B.)	1¾" x 20 Spline (FD2) 2 Disc Slip Clutch (200 mm) (I.B.)



Shear Pin Bolt Flange Yoke

Part #	Series	Collapsed	Extended	Tractor Yoke	Implement Yoke	
106136	6	60"	79"	1%" x 6 Spline (I.B.)	1%" x 21 Spline LC Shear Pin Bolt Flange Yoke	



Constant Velocity

Part #	Series	Collapsed	Extended	Tractor Yoke	Implement Yoke
105662	4	53"	70"	13/8" x 6 Spline MPC Yoke	1%" x 6 Spline MPC Yoke
90650	6	70.2"	98"	13/8" x 6 Spline	13/8" x 6 Spline (FD2) 2 Disc Slip Clutch (200mm)
102256	6	73"	95"	13/8" x 6 Spline	13/8" x 6 Spline (FD2) 2 Disc Slip Clutch (200mm)



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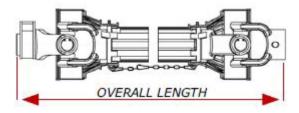




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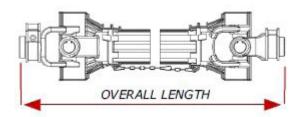


Complete PTO Assemblies with Shielding



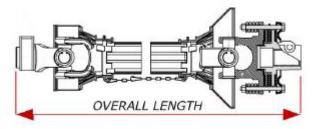
Rotary Cutter (Shear Pin)

Part #	Series	Used On	Collapsed	Extended	Tractor Yoke	Implement Yoke
89800	4	4' Lift Type	32.6"	40.65"	13/8" x 6 Spline	1¾" Round with ½" Shear Pin
89803	4	4' & 5' Lift Type	37.8"	48.32"	13/8" x 6 Spline	13/8" Round with 1/2" Shear Pin
89367	4	5' & 6' Lift Type	42.5"	55.37"	13/8" x 6 Spline	1¾" Round with ½" Shear Pin
89804	4	6' Lift Type	47.2"	62.5"	13/8" x 6 Spline	1¾" Round with ½" Shear Pin
89805	4	5' & 6' Pull Type	57.09"	77.26"	13/8" x 6 Spline	13/8" Round with 1/2" Shear Pin
102257	6	6' & 7' Pull Type	53"	68"	13/8" x 6 Spline	13/8" Round with 1/2" Shear Pin



Rotary Cutter (Splined)

Part #	Series	Used On	Collapsed	Extended	Tractor Yoke	Implement Yoke
102245	6	7' Lift Type	52.9"	69.6"	13/8" x 6 Spline	13/6" x 6 Spline



Rotary Cutter (with Slip Clutch)

Part #	Series	Used On	Collapsed	Extended	Tractor Yoke	Implement Yoke
89797	4	5' & 6' Lift Type	43"	58.54"	13/8" x 6 Spline	1%" x 6 Spline (FD1) 2 Disc (180mm)
89807	5	8' Lift Type Main Drive	37.7"	46.65"	13/8" x 6 Spline	13/6" x 6 Spline (FD2) 2 Disc (200mm)
102242	6	10' Lift Type Main Drive	47"	60"	13/8" x 6 Spline	13/6" x 6 Spline (FD2) 2 Disc (200mm)
90647	6	7' HD Lift Type	54.2"	70.74"	13/8" x 6 Spline	13/6" x 6 Spline (FD2) 2 Disc (200mm)
105045	6	7' HD Lift Type	54.2"	70.74"	13/8" x 6 Spline	1¾" x 20 Spline (FD2) 2 Disc (200mm)
90649	6	15' Flex Wing Shaft	61"	80.74"	13/4" x 20 Spline (I.B.)	13/4" x 20 Spline (FD2) 2 Disc (200mm)(I.B.)
89366						

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Always allow 1/3 of shaft tube to be in at all times.

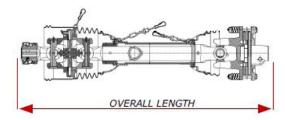




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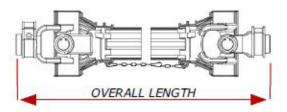


Complete PTO Assemblies with Shielding



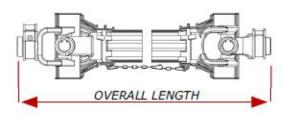
Rotary Cutter (Constant Velocity)

Part #	Series	Туре	Collapsed	Extended	Tractor Yoke	Implement Yoke
90650	6	8' & 10' Pull type	70.2"	98"	13/8" x 6 Spline	1%" x 6 Spline (FD2) 2 Disc Slip Clutch (200mm)
102256	6	8' & 10' Pull type	73"	95"	13/8" x 6 Spline	1%" x 6 Spline (FD2) 2 Disc Slip Clutch (200mm)



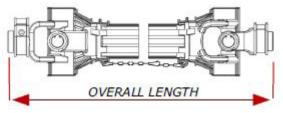
Fertilizer Spreader

Part #	Series	Туре	Collapsed	Extended	Tractor Yoke	Implement Yoke
89795	1	Fertilizer Spreader	27"	33"	13/8" x 6 Spline	13/8" x 6 Spline



Finishing Mower

Part #	Series	Туре	Collapsed	Extended	Tractor Yoke	Implement Yoke
89798	4	Finishing Mower	40.39"	51.9"	13/8" x 6 Spline	13/8" x 6 Spline



Power Generator

Part #	Series	Туре	Collapsed	Extended	Tractor Yoke	Implement Yoke
89799	4	Generator up to 35HP	53"	70"	13/8" x 6 Spline	13/8" x 6 Spline
102245	6	Generator up to 65HP	52.9"	69.6"	13/8" x 6 Spline	13/8" x 6 Spline



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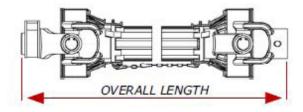




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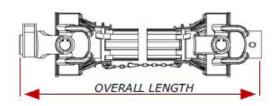


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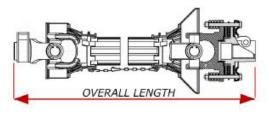
Post Hole Digger

Part #	Series	Туре	Collapsed	Extended	Tractor Yoke	Implement Yoke
102265	1	Light Duty PHD	50.5"	68.5"	13/8" x 6 Spline	1¼" Round with ¾" Shear Pin
109132	4	Heavy Duty PDH	51"	68.9"	13/8" x 6 Spline	1¼" Round with ¾" Shear Pin



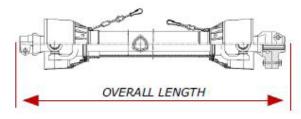
Sprayer Pump

Part #	Series	Туре	Collapsed	Extended	Tractor Yoke	Implement Yoke
102264	1	Sprayer Pump	27.75"	34.2"	13/8" x 6 Spline	¹⁵ /16" Round with Keyway S.S.



Rotary Tiller

Part #	Series	Collapsed	Extended	Tractor Yoke	Implement Yoke
89364	4	34"	45.27"	13/8" x 6 Spline	1%" x 6 Spline (FD0) 2 Disc Slip Clutch (160mm)
89807	5	37.72"	46.65"	13/8" x 6 Spline	13/8" x 6 Spline (FD2) 2 Disc Slip Clutch (200mm)



Miscellaneous PTO with Shear Pin Flange

Part #	Series	Collapsed	Extended	Tractor Yoke	Implement Yoke
106136	6	60"	79"	13/8" x 6 Spline (I.B.)	1¾" x 21 Spline LC Shear Pin Bolt Flange Yoke



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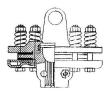




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PTO Parts



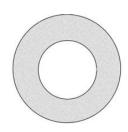


Slip Clutches

Part #	Series	To Fit	Description
102578	FD0	Series# 4	1%" x 6 Spline 2 Disc Slip Clutch (160mm)
102574	FD1	Series# 5	13/8" x 6 Spline 2 Disc Slip Clutch (180mm)
102575	FD2	Series# 5	1¾" x 6 Spline 2 Disc Slip Clutch (200mm)

Slip Clutch Attachments

Part #	Series	Туре	O.A. Length	Tractor End	Implement End
90653	FD1	Smooth	7.23"	1¾" Smooth Bore Female	13/8" Smooth Bore Male
102247	FD1	Spline	7.23"	13/8" x 6 Spline Female	13/8" x 6 Spline Male

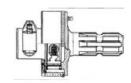


Slip Clutch Friction Discs

Part #	Description	Pad O.D.	Pad I.D.	Pad Thickness
102576	Friction Disc for FD0 (160mm) Slip Clutch	120mm	68.54mm	3mm
102249	Friction Disc for FD1 (180mm) Slip Clutch	140mm	85mm	3.6mm
102250	Friction Disc for FD2 (200mm) Slip Clutch	160mm	98mm	3.6mm

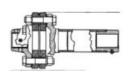
Over-Running Attachments

Part #	Series	O.A. Length	Tractor End	Implement End
90654	RLS1	6.85"	13/8" x 6 Spline Male	13%" x 6 Spline Female

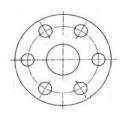


Cross Shafts (Gearbox Connectors)

Part#	Туре	To Fit:	O.A. Length	Tractor End
90652	Double Pad	10' Cutter	18.5"	1%" x 6 Spline Female Both Ends



Cross Shaft Pads - "Flex Pads"

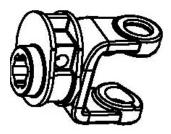


Part #	Diameter	Thickness Center Hole		Bolt Hole	Bolt Spacing	
107633	63/8"	.74"	2.2"	.87"	4.5"	

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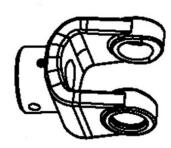


PTO Parts



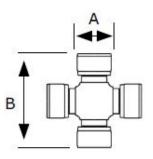
Spline Bore Yokes

Part #	Description	Style	
102976	Series 5 - 13/8" x 6 Spline	Push Pin	
102702	Series 6 - 13/8" x 6 Spline	Push Pin	



Smooth Bore Yokes

Part #	Description
102986	Series 4 - 11/4" with 3/6" Shear Pin
102985	Series 4 - 1%" with ½" Shear Pin
90556	Series 6 - 1¾" Round with ¾" Keyway + Setscrew



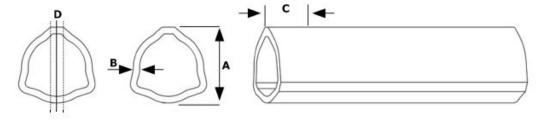
Cross Kits

Part #	Description	Cap Diameter (A)	Cross Height (B)	
102252	Series 1	22mm	54mm	
102261	Series 2	23.8mm	61.3mm	
102253	Series 3	27mm	70mm	
102254	Series 4	27mm	74.6mm	
102978	102978 Series 5 30.2mm		80mm	
102580	Series 6	30.2mm	92mm	
102262	Series 6 (CV)	27mm x 30.2mm	100mm x 92mm	

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PTO Parts



Tubing

(All Tubes are 59" Long. Customer, cut to length as needed.)

Part #	Description	Tube Height "A"	Thickness "B"	Hole Location "C"	Hole Size "D"	
102581	#1 Inner Tube	26.6mm	3.5mm	16mm	8mm	
102582	#1 Outer Tube	32.4mm	2.5mm	16mm	8mm	
102583	102583 #4 Inner Tube		583 #4 Inner Tube 36.1mm 4.4mm		16mm	8mm
102584	#4 Outer Tube	43.4mm	3.3mm	16mm	8mm	
102585	#5 Inner Tube	44.7mm	4mm	16mm	10mm	
102586	102586 #5 Outer Tube		2.9mm	16mm	10mm	
102587	#6 Inner Tube	44.7mm	4mm	16mm	10mm	
102588	#6 Outer Tube	53.6mm	3.8mm	16mm	10mm	

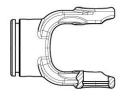
Roll Pins



Part #	Description	Dimensions
36572	#1 Inner Tube Roll Pin	8mm x 45mm
33045	#1 Outer Tube Roll Pin	8mm x 50mm
33046	#4 Inner Tube Roll Pin	8mm x 55mm
36573	#4 Outer Tube Roll Pin	8mm x 60mm
36574	#5 Inner Tube Roll Pin	10mm x 65mm
36559	#5 Outer Tube Roll Pin	10mm x 75mm
36575	#6 Inner Tube Roll Pin	10mm x 70mm
32486	#6 Outer Tube Roll Pin	10mm x 80mm

Tube Yokes





Part #	Description	Tube Height "A"	Hole Size "D"
102589	#1 Inner Tube Yoke	26.6mm	8mm
102593	#1 Outer Tube Yoke	32.4mm	8mm
102590	#4 Inner Tube Yoke	36.1mm	8mm
102594	#4 Outer Tube Yoke	43.4mm	8mm
102591	#5 Inner Tube Yoke	44.7mm	10mm
102595	#5 Outer Tube Yoke	51.3mm	10mm
102592	#6 Inner Tube Yoke	44.7mm	10mm
102596	#6 Outer Tube Yoke	53.6mm	10mm

Problem Solving





Yoke Arm Wear -Excessive working angles on swivels:

- Reduce swivel working angles.
- Disconnect the drive for angles greater than 45°, for simple joints, and 80° for joints with wide angles.



Deformation of Yoke Arms - Excessive torque peaks:

- Avoid engaging the drive suddenly with transmission on load.
- Avoid excessive overloading during operation.
- Avoid sudden motion interruption in machines with high inertia.
- Check the torque limiting device to make sure it is working properly.



Wear of Cross Pins - Excessive working power:

- Avoid exceeding the power and speed scheduled for transmission.
 Insufficient Lubrication:
- Lubricate the cross and the other points on the shaft according to the manufacturer's instructions.



Cross Pin Breakage - Excessive Torque Peaks:

- Avoid engaging the drive suddenly with transmission under load.
- Avoid excessive overloads during operation.
- Avoid sudden motion interruption in machines with high inertia.
- Check functioning of torque limiter.



Telescopic Tube Decoupling

- Excessive Lengthening of Transmission:
- Check to be sure transmission length is suitable for the application.
- Be sure that in maximum transmission extension conditions, there is sufficient tube overlap as described by the manufacturer.
- Check that the maximum length does not exceed the manufacturer's specificiations.



Telescopic Tube Seizure - Insufficient Lubrication, and Tubes Overheating:

 Lubricate the tubes and the other points on the shaft according to the manufacturer's instructions.

Tube Deformation: See Deformation of Tubes (right).



Premature Wear of the Protection Bearings - Insufficient Lubrication:

 Lubricate the protection bearings and the other points on the shaft according to the manufactureer's instructions.



Uncoupling of Protection or Breakage of Anti-rotation Chain -Incorrect Anti-rotation Chain Fixing:

• Ensure that the chain is fixed to special points which permit articulation of the transmission in all working directions.

Interfering Protection:

• Check that the transmission never comes into contact with parts of the tractor or machine.



Deformation of Tubes - Excessive Torque Peaks:

- Check that the shaft dimension is adequate to the power to be transmitted
- the power to be transmitted.

 Avoid engaging the drive suddenly under load.
- Avoid excessive overloading during operation.
- Avoid sudden motion interruptions in machines with high inertia.
- Check functioning of torque limiting device.
- Check that the transmission does not come into contact with loader or machine parts during operation or manaeuvers.
- In shafts with wide-angle joints, check that during maneuvers the joint is not forced beyond the prescribed angle.



Wear of Telescopic Tubes - Insufficient Lubrication:

- Lubricate the tubes and the other points of the shaft in accordance with the manufacturer's instructions.
- Insufficient Tube Overlap:

 Be sure that in maximum
- transmission extension conditions, there is sufficient tube overlap as described by the manufacturer.
- Check that the maximum length does not exceed the manufacturer's specifications.

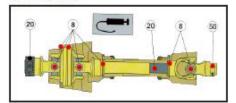


Safety Device Locking -Long Period of Non-use in Damp Surroundings:

- Dismantle the safety device, clean its internal parts, lubricate where required and reassemble.
- For long periods of non-use, keep the device under cover in a dry place.
 Excessive Tightening Of Adjustment Elements,
- Do not lock the adjustment elements completely.

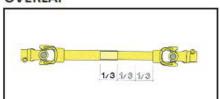
where Applicable:





Grease the shaft at the points indicated above as per hours shown. Use lithium grease for extreme pressure (EP).

OVERLAP



Be sure that in the various work conditions there is an overlap of the telescopic tubes of at least 1/3 of their length.





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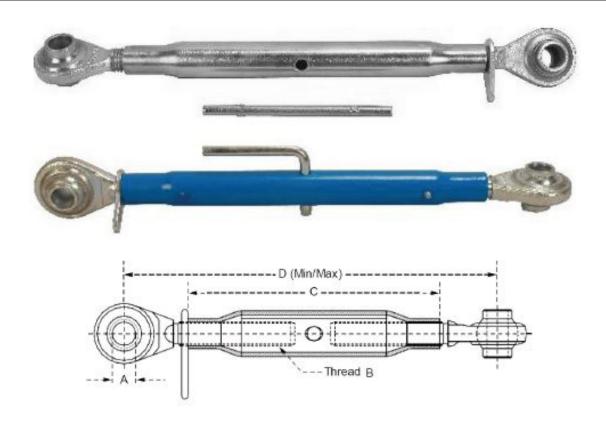
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Drawbar Grab Hook Drawbars T-10 Hitch Pins - Bent T-23 Hitch Pins - Clevis Type T-16 Hitch Pins - Fold-Over Handle Hitch Pins - Fold-Over Handle with Chain T-19 Hitch Pins - Red Handle (grade 5) T-20 Hitch Pins - Safety Lock T-22 Lift Arm Ball Socketws T-4 Lift Arm Ends and Parts T-5 Lift Arm Pins T-14 Lynch Pins T-25 PTO Locking Pins T-26 Ratchet Jacks T-29 Replacement Balls T-7 Stabilizer Arms and Brackets T-11 Stabilizer Pins T-12 Top Link Assemblies T-1 Top Link Ball Sockets T-2 Top Link Links Ends T-2 Top Link Reducer Bushings Universal Clevis Pins T-27	Cylinder Pins	T-28
Drawbars T-10 Hitch Pins - Bent T-23 Hitch Pins - Clevis Type T-16 Hitch Pins - Fold-Over Handle T-18 Hitch Pins - Fold-Over Handle with Chain T-19 Hitch Pins - Red Handle (grade 5) T-20 Hitch Pins - Safety Lock T-22 Lift Arm Ball Socketws T-4 Lift Arm Ends and Parts T-5 Lift Arm Pins T-14 Lynch Pins T-25 PTO Locking Pins T-26 Ratchet Jacks T-29 Replacement Balls T-7 Stabilizer Arms and Brackets T-11 Stabilizer Pins T-12 Top Link Assemblies T-1 Top Link Ball Sockets T-3 Top Link Links Ends T-2 Top Link Links Ends T-2 Top Link Reducer Bushings T-8 Universal Clevis Pins T-27	Cylinder Stroke Control Segments	T-35
Hitch Pins - Bent Hitch Pins - Clevis Type T-16 Hitch Pins - Fold-Over Handle Hitch Pins - Fold-Over Handle with Chain T-19 Hitch Pins - Red Handle (grade 5) T-20 Hitch Pins - Safety Lock T-22 Lift Arm Ball Socketws T-4 Lift Arm Ends and Parts T-5 Lift Arm Pins T-14 Lynch Pins T-25 PTO Locking Pins T-26 Ratchet Jacks T-29 Replacement Balls T-7 Stabilizer Arms and Brackets T-11 Stabilizer Pins T-12 Top Link Assemblies T-1 Top Link Ball Sockets T-2 Top Link Links Ends T-2 Top Link Reducer Bushings Universal Clevis Pins T-27	Drawbar Grab Hook	T-34
Hitch Pins - Clevis Type Hitch Pins - Fold-Over Handle Hitch Pins - Fold-Over Handle with Chain Hitch Pins - Red Handle (grade 5) Hitch Pins - Safety Lock T-22 Lift Arm Ball Socketws Lift Arm Ends and Parts Lift Arm Pins T-14 Lynch Pins T-25 PTO Locking Pins Ratchet Jacks Replacement Balls T-7 Stabilizer Arms and Brackets T-11 Stabilizer Pins T-12 Top Link Assemblies Top Link Ball Sockets Top Link Links Ends Top Link Links Pins T-15 Top Link Reducer Bushings Universal Clevis Pins T-27	Drawbars	T-10
Hitch Pins - Fold-Over Handle Hitch Pins - Fold-Over Handle with Chain T-19 Hitch Pins - Red Handle (grade 5) T-20 Hitch Pins - Safety Lock T-22 Lift Arm Ball Socketws T-4 Lift Arm Ends and Parts T-5 Lift Arm Pins T-14 Lynch Pins T-25 PTO Locking Pins T-26 Ratchet Jacks T-7 Stabilizer Arms and Brackets T-11 Stabilizer Pins T-12 Top Link Assemblies T-1 Top Link Ball Sockets T-2 Top Link Links Ends T-2 Top Link Reducer Bushings Universal Clevis Pins T-27	Hitch Pins - Bent	T-23
Hitch Pins - Fold-Over Handle with Chain Hitch Pins - Red Handle (grade 5) T-20 Hitch Pins - Safety Lock T-22 Lift Arm Ball Socketws T-4 Lift Arm Ends and Parts T-5 Lift Arm Pins T-14 Lynch Pins T-25 PTO Locking Pins T-26 Ratchet Jacks T-7 Stabilizer Arms and Brackets T-11 Stabilizer Pins T-12 Top Link Assemblies T-1 Top Link Ball Sockets T-2 Top Link Links Ends T-2 Top Link Links Ends T-1 Top Link Reducer Bushings Universal Clevis Pins T-27	Hitch Pins - Clevis Type	T-16
Hitch Pins - Red Handle (grade 5) Hitch Pins - Safety Lock Lift Arm Ball Socketws Lift Arm Ends and Parts Lift Arm Pins Lynch Pins T-25 PTO Locking Pins Ratchet Jacks Replacement Balls T-7 Stabilizer Arms and Brackets T-11 Stabilizer Pins T-12 Top Link Assemblies T-1 Top Link Ball Sockets T-2 Top Link Links Ends T-2 Top Link Reducer Bushings Universal Clevis Pins T-22 T-24 T-25 T-26 T-26 T-27 T-27	Hitch Pins - Fold-Over Handle	T-18
Hitch Pins - Safety Lock Lift Arm Ball Socketws T-4 Lift Arm Ends and Parts T-5 Lift Arm Pins T-14 Lynch Pins T-25 PTO Locking Pins T-26 Ratchet Jacks T-29 Replacement Balls T-7 Stabilizer Arms and Brackets T-11 Stabilizer Pins T-12 Top Link Assemblies T-1 Top Link Ball Sockets T-3 Top Link Links Ends T-1 Top Link Reducer Bushings Universal Clevis Pins T-27	Hitch Pins - Fold-Over Handle with Chain	T-19
Lift Arm Ball Socketws T-4 Lift Arm Ends and Parts Lift Arm Pins T-14 Lynch Pins T-25 PTO Locking Pins T-26 Ratchet Jacks T-29 Replacement Balls T-7 Stabilizer Arms and Brackets T-11 Stabilizer Pins T-12 Top Link Assemblies T-1 Top Link Ball Sockets T-3 Top Link Links Ends T-2 Top Link Reducer Bushings Universal Clevis Pins T-25 T-5 T-6 T-7 T-7 T-7 T-7 T-7 T-8 Universal Clevis Pins T-1 T-5 T-7 T-7 T-7 T-7 T-7 T-7 T-7	Hitch Pins - Red Handle (grade 5)	T-20
Lift Arm Ends and Parts Lift Arm Pins T-14 Lynch Pins T-25 PTO Locking Pins T-26 Ratchet Jacks T-29 Replacement Balls T-7 Stabilizer Arms and Brackets T-11 Stabilizer Pins T-12 Top Link Assemblies T-1 Top Link Ball Sockets T-2 Top Link Links Ends T-2 Top Link Links Ends T-15 Top Link Reducer Bushings Universal Clevis Pins T-25	Hitch Pins - Safety Lock	T-22
Lift Arm Pins T-14 Lynch Pins T-25 PTO Locking Pins T-26 Ratchet Jacks T-29 Replacement Balls T-7 Stabilizer Arms and Brackets T-11 Stabilizer Pins T-12 Top Link Assemblies T-1 Top Link Ball Sockets T-3 Top Link Links Ends T-2 Top Link Links Ends T-1 Top Link Reducer Bushings T-8 Universal Clevis Pins T-27	Lift Arm Ball Socketws	T-4
Lynch Pins T-25 PTO Locking Pins T-26 Ratchet Jacks T-29 Replacement Balls T-7 Stabilizer Arms and Brackets T-11 Stabilizer Pins T-12 Top Link Assemblies T-1 Top Link Ball Sockets T-3 Top Link Links Ends T-2 Top Link Links Ends T-1 Top Link Reducer Bushings T-8 Universal Clevis Pins T-27	Lift Arm Ends and Parts	T-5
PTO Locking Pins Ratchet Jacks T-29 Replacement Balls T-7 Stabilizer Arms and Brackets T-11 Stabilizer Pins T-12 Top Link Assemblies T-1 Top Link Ball Sockets T-3 Top Link Links Ends T-2 Top Link Links Pins T-15 Top Link Reducer Bushings Universal Clevis Pins T-27	Lift Arm Pins	T-14
Ratchet Jacks T-29 Replacement Balls T-7 Stabilizer Arms and Brackets T-11 Stabilizer Pins T-12 Top Link Assemblies T-1 Top Link Ball Sockets T-3 Top Link Links Ends T-2 Top Link Links Pins T-15 Top Link Reducer Bushings T-8 Universal Clevis Pins T-27	Lynch Pins	T-25
Replacement Balls T-7 Stabilizer Arms and Brackets T-11 Stabilizer Pins T-12 Top Link Assemblies T-1 Top Link Ball Sockets T-3 Top Link Links Ends T-2 Top Link Link Pins T-15 Top Link Reducer Bushings Universal Clevis Pins T-27	PTO Locking Pins	T-26
Stabilizer Arms and Brackets T-11 Stabilizer Pins T-12 Top Link Assemblies T-1 Top Link Ball Sockets T-3 Top Link Links Ends T-2 Top Link Link Pins T-15 Top Link Reducer Bushings T-8 Universal Clevis Pins	Ratchet Jacks	T-29
Stabilizer Pins T-12 Top Link Assemblies T-1 Top Link Ball Sockets T-3 Top Link Links Ends T-2 Top Link Link Pins T-15 Top Link Reducer Bushings T-8 Universal Clevis Pins T-27	Replacement Balls	T-7
Top Link Assemblies T-1 Top Link Ball Sockets T-3 Top Link Links Ends T-2 Top Link Link Pins T-15 Top Link Reducer Bushings T-8 Universal Clevis Pins T-27	Stabilizer Arms and Brackets	T-11
Top Link Ball Sockets T-3 Top Link Links Ends T-2 Top Link Link Pins T-15 Top Link Reducer Bushings T-8 Universal Clevis Pins T-27	Stabilizer Pins	T-12
Top Link Links Ends T-2 Top Link Link Pins T-15 Top Link Reducer Bushings T-8 Universal Clevis Pins T-27	Top Link Assemblies	T-1
Top Link Link Pins T-15 Top Link Reducer Bushings T-8 Universal Clevis Pins T-27	Top Link Ball Sockets	T-3
Top Link Reducer Bushings T-8 Universal Clevis Pins T-27	Top Link Links Ends	T-2
Universal Clevis Pins T-27	Top Link Link Pins	T-15
	Top Link Reducer Bushings	T-8
Weld On Ends T-6	Universal Clevis Pins	T-27
	Weld On Ends	T-6

TOP LINK ASSEMBLY



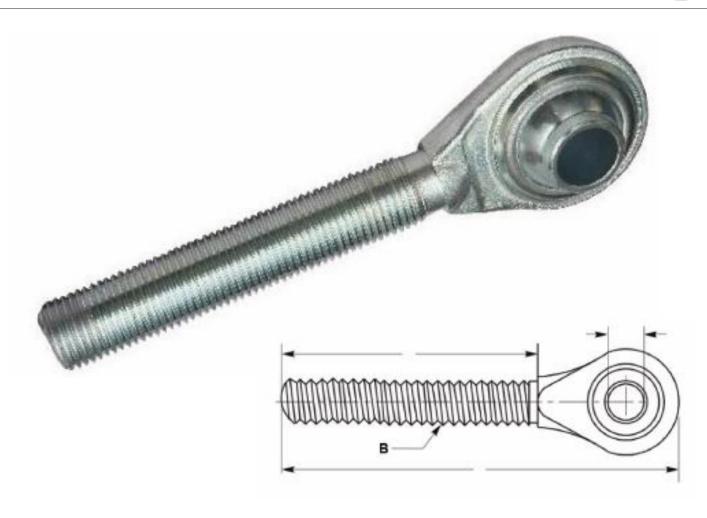


Quality forged top links available in Category 0, 1, 1 & 2 combinations, 2 and 3 sizes. Clear trivalents chromate plating. The ends are clear zinc plated.

Agmate Part#	Popular Code	Cat.	Pin Hole ØA (Inches)	Threads B (Inches)	Body Length C (Inches)	Closed Length-Min D (Inches)	Open Length-Max D (Inches)	Color	Weight (lbs.)
106072	TL197	0	5/8"	3/4" NC	9½"	13"	18"	Plated	2.7
105582	TL199	0	5/8"	3/4" NC	75/8"	11"	16"	Plated	2.5
105556	TL1630	1	3/4"	11/8" NC	131⁄4"	17"	26"	Plated	7.4
105553	TL165	1	3/4"	11/8" NC	16"	21"	31"	Plated	7.6
106033	TL166	1	3/4"	11/8" NC	20"	25"	35"	Plated	9.1
106035	TL167	1 & 2	3/4" & 1"	11/8" NC	16"	21"	32"	Plated	9.1
105554	TL174	2	1"	11/8" NC	16"	21"	31"	Plated	10
106036	TL176	2	1"	11/8" NC	20"	25"	37"	Plated	10
106097	TL1730	2	1"	11/4" NC	15¾"	20"	30"	Plated	10.7
106572	TL173	2	1"	11/4" NC	16"	23"	32"	Plated	13.4
106098	TL1735	2	1"	11⁄4" NC	20"	27"	37"	Plated	12.6
106039	TL187	3	11/4"	13%" NC	19½"	25½"	37"	Black	20

TOP LINK ENDS





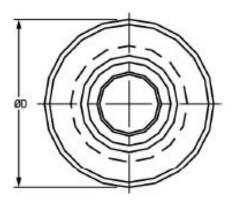
Forged and welded screw-in repair ends for Category 0, 1, 2 and 3 toplinks. Clear trivalent chromate plating.

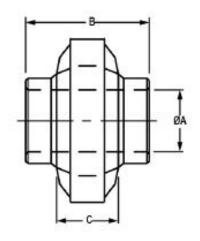
Agmate Part#	Popular Code	Cat.	Туре			Thread Length C (Inches)	Overall Length D (Inches)	Weight (lbs.)
106059	RE1619	1	Forged	3/4"	11/8" NC (LH)	6"	83/4"	2.4
106060	RE1620	1	Forged	3/4"	11/8" NC (RH)	6"	83/4"	2.4
106040	RE1717	2	Forged	1"	11/4" NC (LH)	5½"	10"	3
106049	RE1718	2	Forged	1"	11/4" NC (RH)	5½"	10"	3
106058	RE1640	2	Forged	1"	11/8" NC (RH)	6½"	11"	3
106057	RE1641	2	Forged	1"	11/8" NC (LH)	6½"	11"	3
106095	RE1826	3	Forged	11/4"	13/8" NC (RH)	71/4"	121/8"	8
106109	RE1827	3	Forged	11/4"	13/8" NC (LH)	71/4"	121/8"	8

TOP LINK BALL SOCKETS









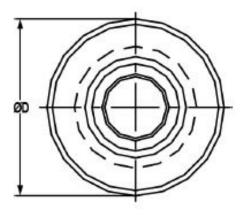
Weld-on top link ball sockets to fit Category 0 through Category 3 tractors. Available in black oxide and clear trivalent chromate plating.

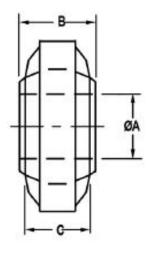
Agmate Part#	Popular Code	Description	Cat.	Pin Hole ØA (Inches)	Length Thru Bone B (Inches)	Sleeve Width C (Inches)	Sleeve O.D. ØD (Inches)	Bulk Weight (Bulk Weight)
106051	B213	Standard duty, black oxide	1	3/4"	15⁄8′	3/4"	2"	0.6
106113	B211	Standard duty, black oxide	2	1"	13/4"	7/8"	23/8"	0.8
108269	B2219	Heavy duty, black oxide	2	1"	13/4"	1³⁄1e″	23/4"	1.8
108271	B212	Heavy duty, black oxide	1	3/4"	1 ⁵ /8"	7/8"	21/8"	0.7
106573	B225	Extra heavy duty, black oxide	1	3/4"	13/8"	7/8"	23/8"	0.9
108275	B227	Standard duty, black oxide	2	1"	11/4"	7/8"	23/8"	0.8
106022	B228	Standard duty, plated	2	1"	11/4"	7/8"	23⁄8″	0.8

LIFT ARM BALL SOCKETS









Weld-on lift arm ball sockets to fit Category 0 through Category 3 tractors. Available in clear trivalent chromate plating.

Agmate Part#	Popular Code	Description	Cat.	Pin Hole ØA (Inches)	Length Thru Bone B (Inches)	Sleeve Width C (Inches)	Sleeve O.D. ØD (Inches)	Weight (lbs.)
108277	B2225	Standard duty, black oxide	0	5/8′	1"	3/4"	2"	0.6
106067	B221	Standard duty, black oxide	1	7/8′	13/8"	7/8"	23/8"	0.9
108278	B2215	Extra heavy duty, black oxide	2	11/8"	13/4"	13/8"	31/8"	1.9
106073	B224	Standard duty, plated	2	1½"	1 ⁵ ⁄16″	15/16"	23/8"	0.8
108186	B2216	Extra heavy duty, plated	2	11/8"	13/4"	1 ³ /8"	31/8"	1.9

LIFT ARMS AND PARTS





Category 1 lift arms and leveling assembly.

Agmate Part#	Reference Number	Popular Code	Description	Package Quantity	Weight (lbs.)
11918	87299729	LA335 ECON9N555BDS	Category 1 right or left hand forged lift arm; fits all Ferguson models, Ford 2N, 8N, 9N, NAA, Massey-Ferguson 35, 50, Iliver 550 and Oliver 3-point conversion, John Deere 1010, 7/8" pin holes; 313/4" ball centers; 341/2" overall length.	1	11.7
106041	87299731	SL152 ECON577ABDS	Category 1 lift arm levelinng assembly; 18½" closed; 25" open length, 7/8" NF thread diameter; replaces Ford NCA577A; left hand repair end no. RE158; right hand repair end no. Re159.	1	6.0

WELD ON ENDS (FORGED)



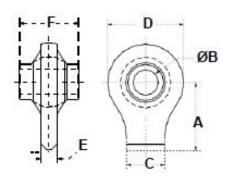


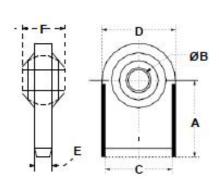


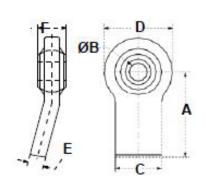


Toplink End

Lift Arm End







High quality weld-on top link and lift arm ball sockets in Category 1, 2, and 3 sizes. Lift arm ends are available in straight and bent styles.

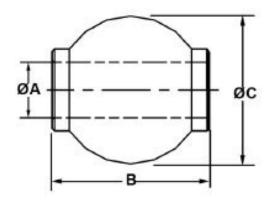
Agmate Part#	Popular Code	Cat.	Description	Dim A (Inches)	Dia ØB (Inches)	Dim C (Inches)	Dim D (Inches)	Dim E (Inches)	Dim F (Inches)	Weight (lbs.)
106051	RE1642	1	Top link end	2"	3/4"	11⁄/8″	21/4"	1/2"	13/4"	0.9
106113	RE1643	2	Top link end	23/8"	1"	11/8"	25/8"	1/2"	2"	1.4
106102	LA3322	1	Lift arm end-straight	23/4"	7/8"	23/8"	25/8"	5/8"	13/8"	1.7
106080	LA3325	2	Lift arm end-straight	31/8"	11/8′	23/4"	31/8"	3/4"	13/4"	2.8
106103	LA3324	2	Lift arm end-bent	4"	11/8"	17/8"	31/8"	5/8"	13/4"	2.7

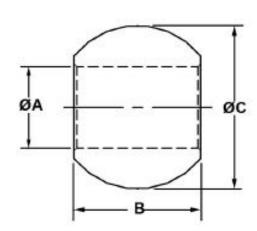
REPLACEMENT BALLS









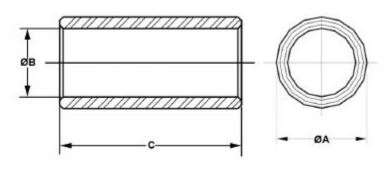


Top link and lift arm balls for Ford, John Deere, Oliver and other tractors. Designed to replace original balls. Clear trivalent chromate plating.

Agmate Part#	Popular Code	Cat.	Description	Pin Hole ØA (Inches)	Length Thru Bore B (Inches)	Ball Dia ØC (Inches)	Weight (Ibs.)
106023	B241	1	John Deere & Oliver top link ball; replaces Deere F2680, Oliver 105968A	3/4"	13/4"	2"	0.9
106024	B242	2	John Deere & Oliver top link ball; replaces Deere F2681, Oliver 104585A	1"	13/4"	2"	0.8
106092	B244	2	Ford lift arm ball; replaces Ford C5NN557A; Fits Ford 5000	11/8"	13/4"	21/4"	1.1
106025	B245	1	Oliver lift arm ball; replaces Oliver 15967A; fits all models with claw-type arm	7/8"	13⁄8″	2"	0.7
106026	B246	2	Oliver lift arm ball; replaces Oliver 104591A; fits all models with claw-type lift arm	11/8"	13/4"	2"	0.8

TOP LINK REDUCER BUSHINGS







Used in the pin hole of a top link to allow a smaller Category pin to fit. Clear trivalent chromate plating.

Agmate Part#	Popular Code	Cat.	Description	Outside Dia ØA (Inches)	Inside Dia ØB (Inches)	Length C (Inches)	Bulk Weight (lbs.)
108288	B829	0-1	Fits all Category 0 toplink pins	3/4"	5/8"	15/8"	0.1
106101	B831	1-2	Fits all Category 1 toplink pins; replaces Ford C7NN6993A	1"	3/4"	1 ¹⁵ /16"	0.2
106609	B8220	1-2	Fits all Category 1 toplink pins; short	1"	3/4"	15/8"	0.2
106065	B833	2-3	Fits all Category 2 toplink pins	11/4"	1"	1 ¹⁵ /16"	0.2

QUICK HITCH ADAPTER BUSHINGS



Clear trivalent chromate plating.

Agmate Part#	Code	Cat.	Description	Inside Dia (Inches)	Length (Inches)	Weight (lbs.)
77869	HF141142	1	Adapter bushing for Category 1 Quick Hitch	7/8"	4"	1.5
77870	HF141127	2	Adapter bushing for Category 2 Quick Hitch	11/8"	4"	1

LIFT ARM REDUCER BUSHINGS



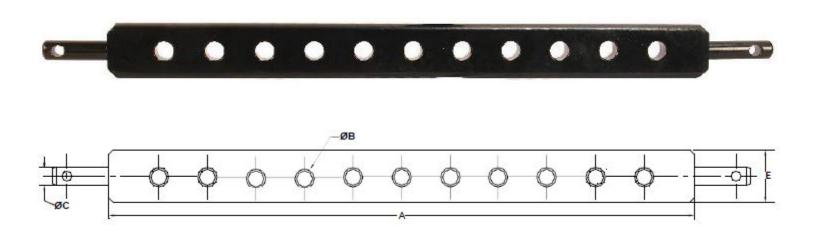


Used in the pin hole of a lift arm to allow a smaller Category pin to fit. Clear trivalent chromate plating.

Agmate Part#	Popular Code	Cat.	Description	Outside Dia ØA (Inches)	Inside Dia ØB (Inches)	Length C (Inches)	Bulk Weight (lbs.)
106610	B828	0-1	Fits all Category 0 lift arm pins	7/8"	5/8"	13/8"	0.1
106048	B821	1-2	Fits all Category 1 lift arm pins; Ford C7NN6992A	11/8"	7/8"	13/4"	0.2
106066	B832	2-3	Fits all Category 2 lift arm pins	1 ⁷ ⁄16″	11/8"	13/4"	0.3
108290	B8320	2-3	Fits all Category 2 lift arm pins; extra long	1 ⁷ ⁄16″	11/8"	31/4"	0.5
105573	B8312	2-3	Fits all Category 2 lift arm pins	17/16"	11/8"	2½"	0.4
106611	B8319	2-3	Fits all Cateogry 2 lift arm pins	17/16"	11/8"	13/8"	0.5

DRAWBARS / SWINGING DRAWBAR





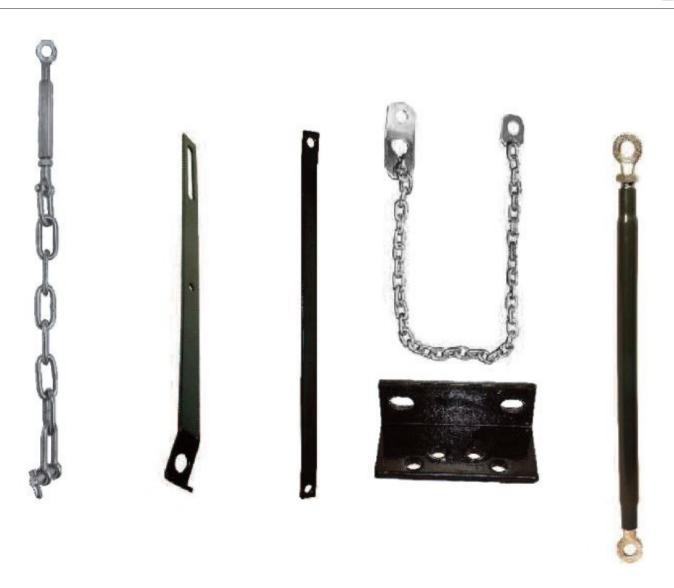
One-piece, 3-point hitch cross drawbars to fit Category 0 through Category 3 tractors.

Agmate Part#	Popular Code	Cat.	# of Holes	Lift Arm Spacinng A (Inches)	Hole Dia ØB (Inches)	Pin Dia ØC (Inches)	Thickness D (Inches)	Width E (Inches)	Color	Weight (lbs.)
32565	DB418	0	7	20"	5/8"	5/8"	5/8"	2"	Red	6.8
32566	DB419	0/1	7	20"	3/4"	7/8"	1"	2½"	Black	13.5
28272	DB411	1	11	26"	3/4"	7/8"	1"	2½"	Blue	16.4
11963	DB421	1	11	26"	3/4"	11/8"	11/4"	3"	Blue	27
11966	B500236	2	11	26"	3/4"	7/8"	1"	2½"	Red	16.4
11968	DB4212	1	13	32"	3/4"	11/8"	11/4"	3"	Black	33
11967	DB431	2	5	38"	11/4"	17/16"	13/4"	3½"	Black	65
108295	DB4130	3		Swining drawbar, fits Ford 2N, 8N, 9N, NAA, 630, 631, 640, 641, 650, 651, 660, and 661, Ferguson, TO20, TP030, Massey Ferguson 35 and 50, 30" overal length, 3/4" first hitch pin hole, 5/8" second hitch pin hole.						
11965	SD921	1	rerguson, rc							
51613	N/A	2	7	38"	11/8"	11/8"	11/8"	3"	Black	31.2



STABILIZER ARMS AND BRACKETS

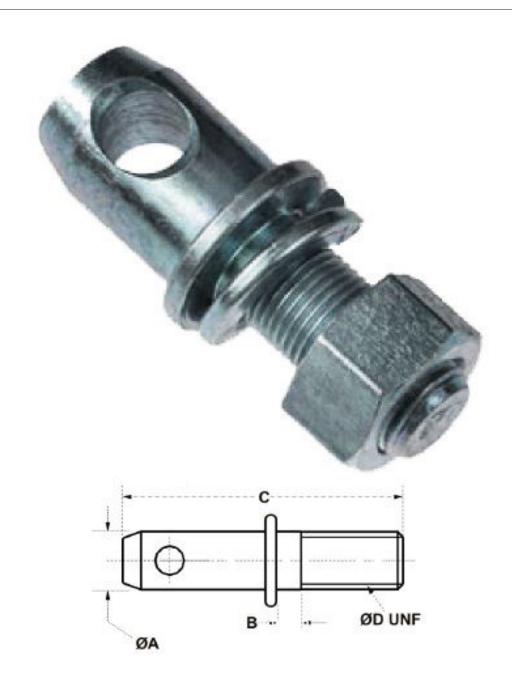




Replacement stabilizer arms for stabilizer kits and a variety of tractors. Stabilizer arms increase the stability of the tractor lift arms. Stay straps for Category 1 tractors are used to maintain an implement at a set height.

Agmate Part#	Popular Code	Description	Weight (Ibs.)
11999	SA621	Right or left universal stabilizer arm; 7/8" pin holes on 31% centers	6.0
12000	SA622	Right or left universal stabilizer arm; replaces Massey-Ferguson ST96362358; 7/8" pin holes on 331⁄8" centers	6.4
106055	SA250	Adjustable forged stabilizer arm; fits all Ferguson models, Ford 2N, 8N, 9N, NAA, 600, Massey-Ferguson 35, 50, 175, 65, 135, 150, 165, 180; adjustable from 28½" to 36"; 7/8" pin holes; 7/8" NF threads	6.0
122636	SA250	Adjustable forged stabilizer arm; fits all Ferguson models; Ford 2N, 8N, 9N, NAA, 600, Massey-Ferguson 35, 50, 175, 65, 135, 150, 165, 180; adjustable from 28½" to 36"; 7/8" pin holes; 7/8" NF threads	6.5



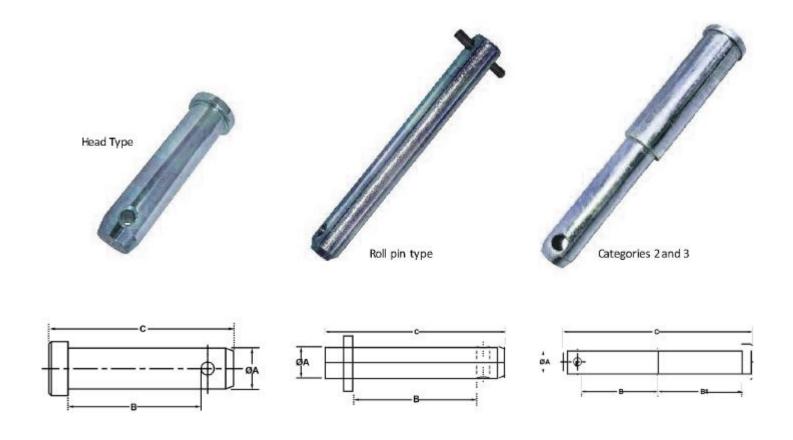


Stabilizer stub pins for Ford, Ferguson and other stabilizer kits. Clear trivalent chromate plating.

Agmate Part#	Popular Code	Description	Pin Dia ØA (Inches)	Usable Length B (Inches)	Overall Length C (Inches)	Thread Dia ØD (Inches)	Bulk Weight (lbs.)
106120	P781	Replaces Ford 230044, Massey-Ferguson 18177M1	7/8"	3/8"	25/8"	5/8" NF	0.39
106612	P787	Stabilizer stub pin	7/8"	1/2"	25/8"	5/8" NF	0.30
105580	P711	Stabilizer Pin Trivalent White	7/8"	1/2"	31/4"	7/8" NF	0.80

CLEVIS TYPE DRAW PINS





For use with implements with yoke type mountings. All pins are clear trivalent chromate plating.

Agmate Part#	Popular Code	Cat.	Туре	Pin Dia ØA (Inches)	Usable Length B (Inches)	Overall Length C (Inches)	Bulk Weight (lbs.)
105567	P7234	1	Roll Pin	7/8"	4½"	6"	0.9
106578	P7236	2	Roll Pin	11/8"	43/4"	61/2"	1.7
105584	P7237	2	Roll Pin	11/8"	53/8"	7"	1.9
105568	P7238	2	Roll Pin	11/8"	73⁄8″	9"	2.4
106668	n/a	2	Roll Pin	11/8"	9"	10³/₄"	2.9
108184	P7239	2	Roll Pin	11/8"	9"	10³⁄4″	2.9
108305	P7230	3	Head	17⁄16″	4 ¹¹ / ₁₆ "	6"	2.8
106577	P7231	3	Roll Pin	17⁄16″	61/4"	81/2"	3.8
105576	P7250	2 & 3	Head	11/8" & 17/16"	35/8" & 41/4"	91/4"	3.4
105566	n/a	1 & 2	Step	7/8" & 11/8"	31/4" & 4"	8"	1.8

LIFT ARM PINS

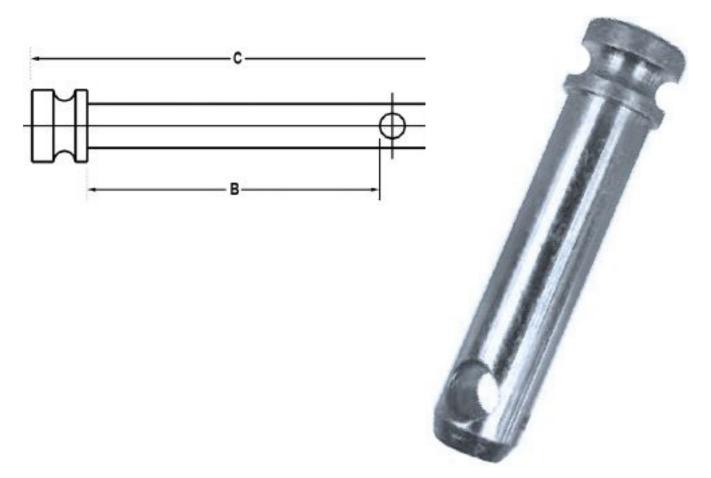




Forged and adjustable Category 0 through 3 draw pins for a variety of applications. All pins are clear trivalent chromate plating.

Agmate Part#	Popular Code	Cat.	Description	Pin Dia (Inches)	Usable Length (Inches)	Overall Length (Inches)	Thread Length (Inches)	Thread Dia (Inches)	Weight (lbs.)
105579	P7220	0	Adjustable	5/8"	Adjustable	37/8"	2"	5/8" NF	0.4
106574	P7228	0	Forged, Universal	5/8"	17/16"	37/8"	11/8"	5/8" NF	0.4
108307	P7221	0 to 1	Adjustable	7/8"	13/4"	4½"	11/8"	5/8" NF	0.6
105565	P7224	1 to 0	Adjustable	5/8"	2"	5"	2"	7/8" NF	0.6
106062	P722	1	Adjustable	7/8"	Adjustable	5"	21/4"	7/8" NF	1.1
105549	P728	1	Forged	7/8"	13/4"	5½"	25/8"	7/8" NF	1.1
106063	P7219	1	Adjustable; extra long	7/8"	Adjustable	61/4"	15/8″	7/8" NF	1.3
106575	P7245	1	Forged; extra long	7/8"	21/4"	6½"	31/2"	7/8" NF	1.3
106045	P724	1 to2	Adjustable	11/8"	Adjustable	51/4"	21/4"	7/8" NF	1.4
106576	P7240	1 to 2	Forged	11/8"	1 ¹³ ⁄16″	51/4"	27/16"	7/8" NF	1.5
105562	P7249	1 & 2	Forged	11/8" & 7/8"	21/16" both	8"	15/8″	1" NF	1.9
106064	P721	2	Adjustable	11/8"	Adjustable	61/8"	11/4"	11/8" NF	2.3
106046	P7212	2	Forged	11/8"	13/4"	61/8"	4½"	11/8" NF	2.3
106047	P7243	2 to 3	Forged	17⁄16″	17⁄8″	53/4"	33/8"	11/8" NF	3.0



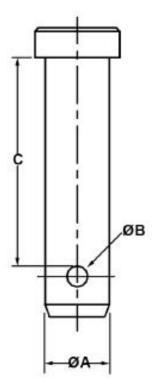


Sizes and styles for Category 0 through 3 tractors. Clear trivalent chromate plating.

Agmate Part#	Popular Code	Cat.	Description	Pin Dia ØA (Inches)	Usable Length B (Inches)	Overall Length C (Inches)	Bulk Weight (lbs.)
106093	P776	0	Top link pin	5/8"	3"	47/16"	0.4
106042	P771	1	Replaces Ford 9N-560, 195647M1	3/4"	23/4"	4½"	0.5
105561	P772	1	Long top link pin; replaces Ferguson 195589M1, AC339942	3/4"	37/8"	5½"	0.6
105583	P7715	1	Extra-long top link pin; replaces Ford E381T9	3/4"	43/4"	63/8"	0.8
106581	P7716	2	Replaces Ford C5NN560A, MF185873M91, and AC2090149/239888	1"	3%16″	5½"	1.2
106582	P7719	2	Replaces Ford E2 7N995272	1"	3"	43/4"	1.1
105555	P774	2	Replaces Ford C5NN486A	1"	43/8"	6"	1.3
106583	P7720	2	Replaces Ford E2016F9, AC345552	1"	53/8"	71/16"	1.5
106584	P7711	3	Top link pin	11/4"	4 ⁵ / ₈ "	6½"	2.1





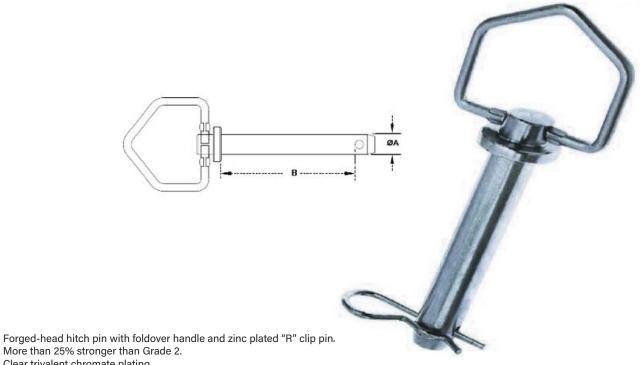


An economy hitch pin (clevis pin) for numerous applications. Clear trivalent chromate plating.

Agmate Part#	Popular Code	Pin Dia ØA (Inches)	Usable Length B (Inches)	Overall Length C (Inches)	Weight (lbs.)
108316	P7100	1/2"	5"	63⁄8″	0.4
108185	P7101	5/8"	5"	63/8"	0.6
108317	P7102	3/4"	5"	63/8"	0.8
106585	P7103	7/8"	5"	63/8"	1.0
106586	P7104	1"	5′	63/8"	1.4
106587	P7105	11/8"	5"	63/8"	1.7

FOLDOVER HANDLE HITCH PINS (WITH CLIP)



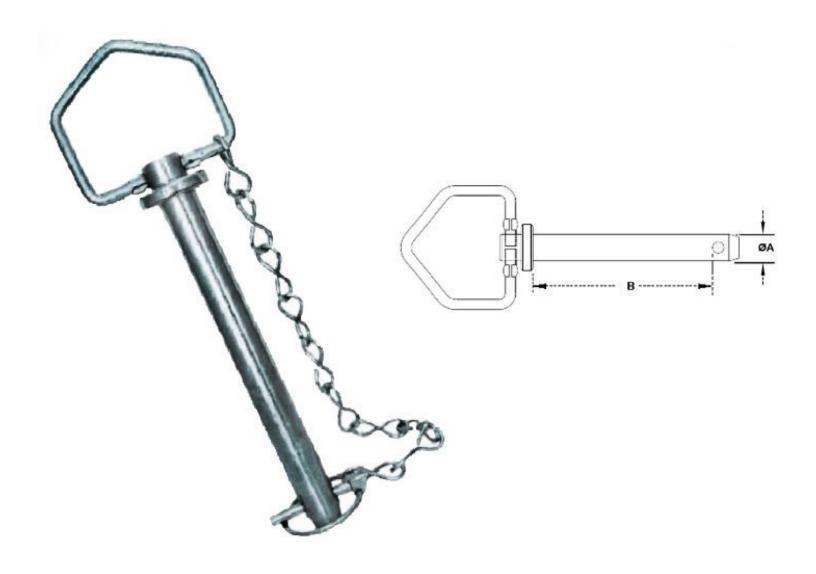


Clear trivalent chromate plating.

Agmate Part#	Popular Code	Pin Dia ØA (Inches)	Usable Length B (Inches)	Overall Length (Inches)	Weight (lbs.)
108318	P71010C	3/8"	41/4"	43/4"	0.2
108319	P71011C	1/2"	41/4"	53/4"	0.4
106074	n/a	11/8″	7"	81/2"	2.8
106078	P71021C	5/8"	41/4"	5¾"	0.6
106084	n/a	1/2"	3½"	511/32"	0.4
106085	n/a	7/16"	3½"	4 ⁶¹ / ₆₄ "	0.3
106081	P71031C	3/4"	41/4"	53/4"	0.9
106082	P71032C	3/4"	61/4"	73/4"	1.1
106083	P71041C	7/8"	41/4"	5¾"	1.2
106091	n/a	1"	6¾"	8½"	2.2
105552	P71042C	7/8"	61/4"	73/4"	1.4
106088	P71051C	1"	41/4"	53/4"	1.5
106089	P71052C	1"	61/4"	73/4"	1.9
106075	P71072C	11/4"	61/4"	73/4"	2.9
106127	n/a	5/8"	61/4"	7 ²³ / ₃₂ "	0.8

FOLDOVER HANDLE HITCH PINS (W/ CHAIN & LYNCH PIN)





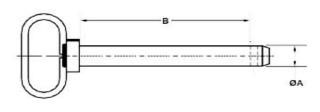
Forged-head hitch pin with foldover handle and zinc plated chain and 1/4" lynch pin. More than 25% stronger than Grade 2. Clear trivalent chromate plating.

Agmate Part#	Popular Code	Pin Dia ØA (Inches)	Usable Length B (Inches)	Overall Length (Inches)	Weight (lbs.)
106588	P71011CL	1/2"	41/4"	53/4"	0.5
106589	P711012CL	1/2"	61/4"	73/4"	0.6
105575	P71031CL	3/4"	41/4"	53/4"	1.0

HITCH PIN (RED HANDLE PLASTIC COATED)





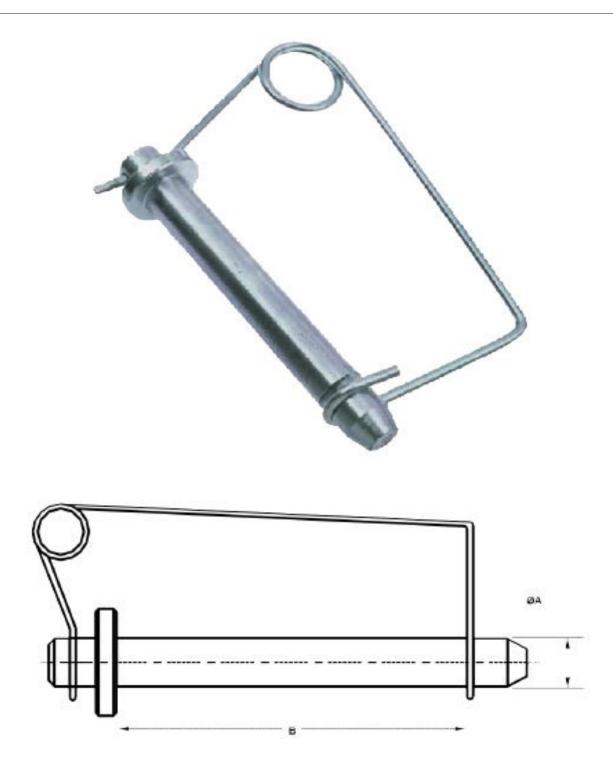


Designed for today's demanding applications, these one-piece, Grade 5 performance, forged hitch pins are made from high strength steel and heat treated. Pin has black powder coating with a red vinyl coated head and handle.

Zinc plated "R" clip pin included.

Agmate Part#	Popular Code	Pin Dia ØA (Inches)	Usable Length B (Inches)	Overall Length C (Inches)	Weight (lbs.)
106330	P700511	1/2"	35/8"	65/8"	0.7
106331	P700521	5/8"	4"	7"	0.9
106332	P700522	5/8"	53/4"	9"	1.1
106333	P700531	3/4"	4"	7"	1.1
106334	P700532	1/4"	6½"	9½"	1.5
106335	P700541	7/8"	41/4"	71/4"	1.4
106336	P700542	7/8"	6½"	9½"	1.9
106337	P700551	1"	43/4"	73/4"	1.9
106338	P700552	1"	7½"	10"	2.6
106340	P700562	11/8"	8½"	111/2"	3.3
106341	n/a	11/4"	12"	143/4"	4.35
106342	P700572	11⁄4″	8½"	11½"	4.1
106344	P700582	11/2"	8½"	111/2"	5.0
106345	n/a	1½"	13"	15"	7.6
106346	P700590	13/4"	8½"	12"	5.5
106347	P700595	2"	8½"	12"	5.9
106339	n/a	1"	12"	15"	3.5
106343	n/a	11⁄4"	12"	15"	6.6



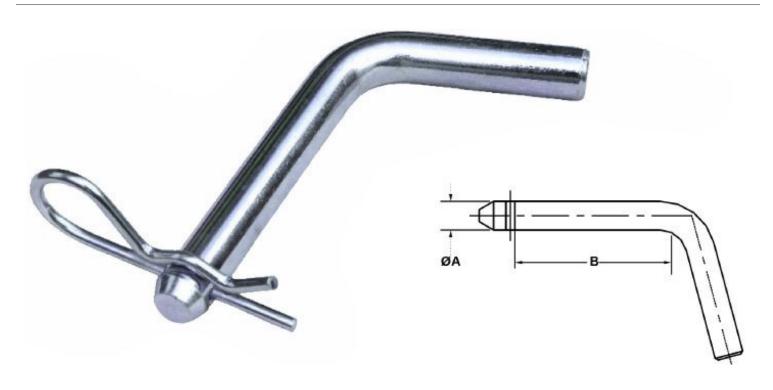


Spring steel wire fits in the groove on the pin to secure it. Clear trivalent chromate plating.

Agmate Part#	Popular Code	Pin Dia ØA (Inches)	Usable Length B (Inches)	Overall Length (Inches)	Weight (lbs.)
106590	P71011SP	1/2"	4"	5½"	0.5
106591	P71031SP	3/4"	4"	5½"	1.0

BENT HITCH PINS





These pins have numerous farm, lawn, & garden, and industrial application. Complete with zinc plated "R" clip pin. Clear trivalent chromatic plating.

Agmate Part#	Popular Code	Pin Dia ØA (Inches)	Usable Length B (Inches)	Weight (lbs.)
106613	P71118	3/8"	3"	0.18
106614	P71120	1/2"	21/2"	0.30
106126	P71111	1/2"	3"	0.34
106615	P71123	1/2"	5"	0.46
106125	P71112	5/8"	3"	0.50
106617	P71126	5/8"	4"	0.64
106618	P71127	5/8"	5"	0.76
105577	P71129	3/4"	4½"	1.02
106619	P71113	3/4"	3½"	0.80
106620	P71130	3/4"	5"	1.06
110738	P7112	5/8"	3"	0.53

"R" CLIP PINS & TWISTED PINS





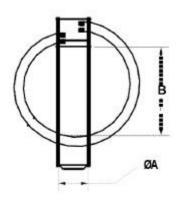
These pins have numerous farm, lawn, & garden, and industrial application. Complete with zinc plated "R" clip pin. Clear trivalent chromatic plating.

Agmate Part#	Popular Code	Туре	Wire Dia (Inches)	Overall Length (Inches)	Fits Pin Dia (Inches)	Retail Bag Part Number	Retail Bag Reference Number	Weight (lbs.)
106608	P7923	А	3/32"	15⁄8″	1/4" to 1/2"	87299400(12)	B500406	0.01
108347	P7925	А	5/32"	215/16"	5/8" to 1"	87299402(7)	B500408	0.04
108348	P7928	А	1/4"	4"	3/4" to 1"	87299404(2)	B500410	0.10









Fasteners for numerous farm and other applications. Clear trivalent chromate plating except for 87299416 and 87299418, which have a black powder coated finish.

Agmate Part#	Popular Code	Description	Pin Dia ØA (Inches)	Usable Length B (Inches)	Retail Bag Part Number	Retail Bag Reference Number	Weight (lbs.)
105574	P7919	Standard	3/16"	1"	87299423 (2)	B500413	0.03
106597	P7920	87299408 (SPC7919DS.B500168) with chain and cotter pin	3/16"	1"	87299409 (2)	-	0.03
105570	P791	Standard	7/16"	11/4"	87299411 (2)	-	0.10
105569	P794	Standard	1/4"	11/4"	87299424 (2)	B500412	0.07
105571	P7913	Heavy duty; fits Category 1, 2, and 3 pins; black powder coat	7/16"	1½"	87299414 (2)	-	0.13
105572	P7915	Standard	5/16"	11/4"	87299417 (2)	-	0.10
108352	P7916	Standard	3/8"	11/4"	87299420 (2)	-	0.10
108353	P798	Long; fits Category 1, 2, and 3 pins	7/16"	13/4"	87299421 (2)	-	0.14

LOCKING PINS (PTO PIN) & PTO ACCESSORIES

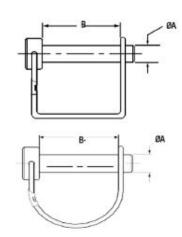






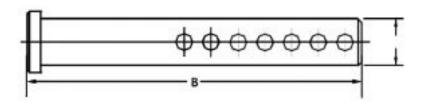
Numerous farm, lawn & garden, and industrial applications. Round- and square -loop styles. Clear trivalent chromate plating.

Agmate Part#	Popular Code	Pin Dia ØA (Inches)	Usable Length B (Inches)	Wire Loop	Bulk Weight (lbs.)
105581	P7950	1/4"	13/8"	Round	0.06
108355	P7938	1/4"	13/4"	Round	0.06
105560	P7952	1/4"	21/4"	Square	0.08
108356	P7953	1/4"	2½"	Square	0.08
106601	P7951	1/4"	21/2"	Round	0.08
105558	P7939	5/16"	21/4"	Square	0.10
105559	P7940	5/16"	21/4"	Round	0.10
108358	P7956	5/16"	2½"	Round	0.10
106602	P7957	5/16"	2½"	Square	0.10
106603	P7958	5/16"	3½"	Square	0.14
106600	P7941	3/8"	21/4"	Round	0.14
106604	P7964	3/8"	21/4"	Square	0.14
108363	P7965	3/8"	2½"	Square	0.16
106605	P7966	3/8"	3"	Square	0.16
106606	P7967	3/8"	37/16"	Square	0.18



UNIVERSAL CLEVIS PINS



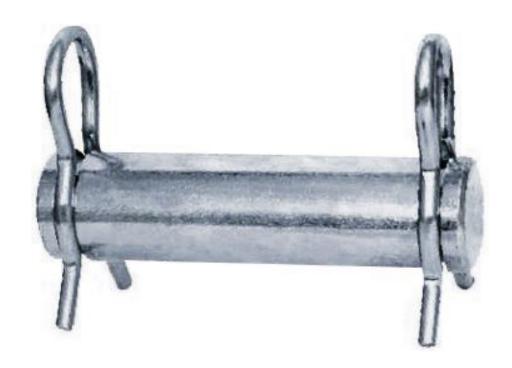


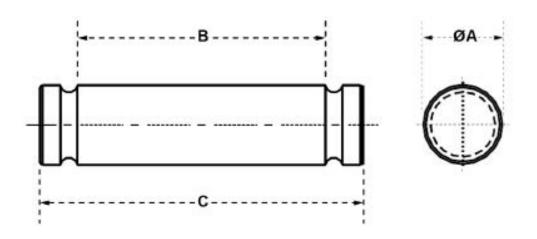
Can be used as an adjustable replacement pin. Multiple holes allow user to cut off excess length. Clear trivalent chromate plating.

Agmate Part#	Popular Code	Pin Dia ØA (Inches)	Overall Length B (Inches)	Weight (lbs.)
106593	P7414	7/16"	2"	0.08
106594	P7419	1/2"	3"	0.15

HYDRAULIC CYLINDER PINS







Pins for hydraulic cylinders and jacks in popular sizes. Standard cylinder clips included. Will accomodate "R" clip pin. Clear trivalent chromate plating.

Agmate Part#	Popular Code	Pin Dia ØA (Inches)	Usable Length B (Inches)	Overall Length C (Inches)	Bulk Weight (lbs.)
106598	P7712	1"	2"	2¾"	0.6
106111	P7729	1"	23/4"	39/16″	0.8
106076	P7743	1"	27/8"	311/16"	0.8





Implement jacks have multiple uses, including the adjustment of implements and equipment.

Replace hydraulic cylinders or old screw jacks in those applications where infrequent adjustment is needed.

Agmate Part#	Popular Code	Description	Weight (lbs.)
102949	SL1541	Heavy duty ratchet jack with 11/4" ACME threads and grease zerks; adjustable from 20" closed to 28" open; 1" clevis pins, clip pins, and handle included; back powder-coat finish with locknut.	15
106054		Medium duty ratchet jack; adjustable from 20" closed to 28" open; incudes 4" clevis pins and handle.	

TURNBUCKLE IMPLEMENT JACK

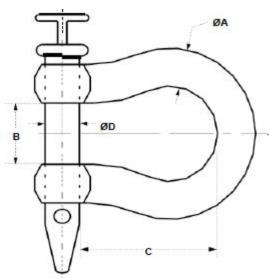
Implement jacks have multiple uses, including the adjustment of implements and equipment.



Agmate Part#	Popular Code	Description	Color	Weight (lbs.)
106561	SL1548	Handle for ratchet jacks	Plated	0.70
106560		1" diameter clevis pins with 2 clips for ratchet jacks		
106607	P7910	Clip pin for 1" diameter hydraulic cylinder pins	Plated	0.02

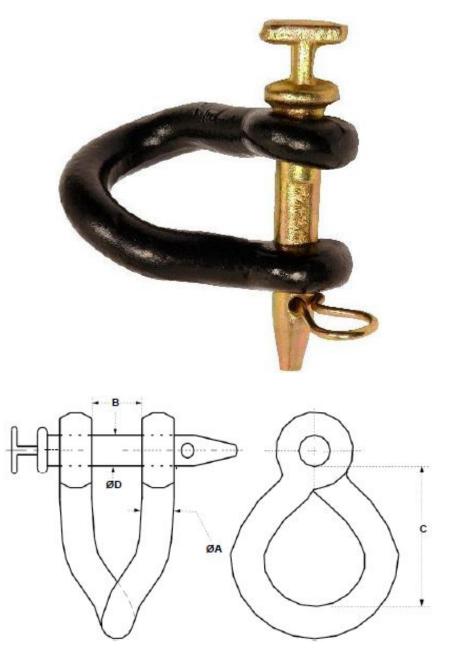






Agmate Part#	Popular Code	Body Dia ØA (Inches)	Clevis Opening B (Inches)	Usable Length C (Inches)	Pin Dia ØD (Inches)	Working Load Limit (lbs.)	Weight (lbs.)
108381	CL490103	5/8"	7/8"	31/4"	1/2"	6,000	1.50
106116	CL490104	3/4"	1 ⁵ ⁄16"	33/4"	5/8"	12,000	2.50
108382	CL490105	7/8"	15⁄16″	31/4"	3/4"	16,000	3.00
106118	CL490106	7/8"	1⁵⁄1e″	41/4"	3/4"	16,000	3.60
108383	CL490107	15/16"	17/16"	4 ⁵ / ₈ "	7/8"	20,000	4.30
106115	CL490108	1"	21/8"	5 ⁵ /16"	1"	25,000	5.80

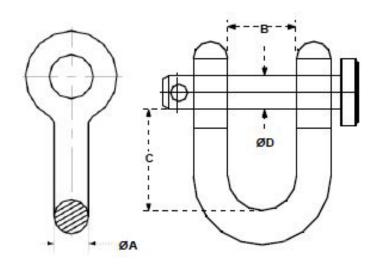




Agmate Part#	Popular Code	Body Dia ØA (Inches)	Clevis Opening B (Inches)	Usable Length C (Inches)	Pin Dia ØD (Inches)	Working Load Limit (lbs.)	Weight (lbs.)
108384	CL490203	5/8"	7/8"	3"	1/2"	1/2"	1.50
106114	CL490204	3/4"	1⁵⁄₁e″	3½"	5/8"	5/8"	.50
106119	CL490206	7/8"	1⁵⁄16″	37/8"	3/4"	3/4"	3.60
108386	CL490207	15/16"	17⁄16″	41/4"	7/8"	7/8"	4.30
108387	CL490208	1"	21/8"	5"	5"	1"	5.80







Agmate Part#	Popular Code	Body Dia ØA (Inches)	Clevis Opening B (Inches)	Usable Length C (Inches)	Pin Dia ØD (Inches)	Working Load Limit (lbs.)	Weight (lbs.)
108388	CL490301	1/4"	15/32"	7/8"	5/16"	1,000	0.10
108389	CL490302	5/16"	17/32"	1"	3/8"	1,500	0.20
108390	CL490303	3/8"	21/32"	11/4"	7/16"	2,000	0.30
106027	CL490304	7/16"	23/32"	1½"	1/2"	3,000	0.40
106028	CL490305	1/2"	13/16"	111/ ₁₆ "	5/8"	6,000	0.60
108391	CL490306	5/8"	1½16″	2'	3/4"	9,000	1.20

FARM CLEVISES





Screw pin schackle type used for multiple hitches and crawler tractors. Do not exceed working load limit. Farm hardware is not for lifting.

Agmate Part#	Popular Code	Body Dia ØA (Inches)	Clevis Opening B (Inches)	Usable Length C (Inches)	Pin Dia ØD (Inches)	Working Load Limit (lbs.)	Weight (lbs.)
105578	CL490401	1/4"	15/32"	11/8″	5/16"	1,000	0.10
108392	CL490402	5/16"	17/32"	11/4"	3/8"	2,000	0.20
108393	CL490403	3/8"	23/32"	17⁄1e″	7/16"	3,000	0.30
108394	CL490404	7/16′	3/4"	111/16"	1/2"	4,000	0.50
106117	CL490405	1/2"	13/16"	1 ¹⁵ / ₁₆ "	5/8"	6,500	0.70
108395	CL490406	5/8"	1½6″	2½"	3/4"	9,000	1.50
108396	CL490407	3/4"	11/4"	3"	7/8"	13,000	2.20
108397	CL490408	7/8"	17/16"	31⁄4"	1"	15,000	3.50
108398	CL490409	1′	111/16"	3³/₄"	11/8"	17,000	5.20
108399	CL490410	11/8″	1 ¹³ / ₁₆ "	4½"	11/4"	24,000	7.00
108400	CL490411	11/4"	2"	4½"	13/8"	28,000	9.50

GENERAL PURPOSE CLEVISES





Do not exceed working load limit. Farm hardware is not for lifting.

Agmate	Popular	Body Dia	Clevis Opening	Usable Length	Pin Dia	Working Load Limit	Weight
Part#	Code	ØA (Inches)	B (Inches)	C (Inches)	ØD (Inches)	(lbs.)	(lbs.)
108401	CL490312	3/4"	21/2"	6³⁄16″	3/4"	9,000	3.30

TRACTOR DRAWBAR GRAB HOOK



Agmate	Popular	Description	Working Load Limit	Weight
Part#	Code	A (Inches)	(lbs.)	(lbs.)
106077	CL490516	For all tractor drawbars up to 15/8' thick; for use with 5/16" to 1/2" chain	9,000	3.10

CYLINDER STROKE CONTROL SEGMENTS

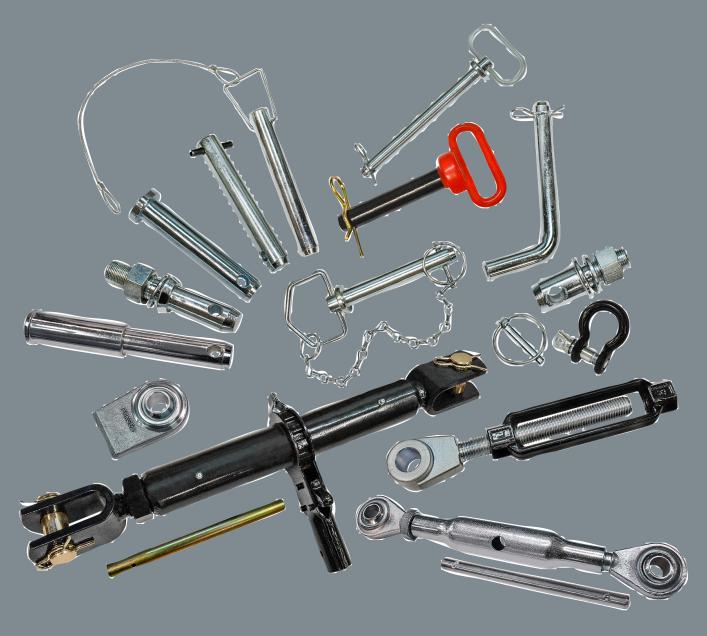




Designed to control the stroke on air or hydraulic cylinders. Unique "Finger Tab" design on aluminum and steel models for easier installation and removal. Clamshell package.

Agmate Part#	Popular Code	Description	Segments	Weight (lbs.)
107049	HC391020	Fits 7/8" & 11/16" diameter shafts; aluminum; finger tabs	3/4", 1", 11/4", 11/2"	2.0
107050	HC391030	Fits 11/8", 11/4", 13/8", & 11/2" diameter shafts; aluminum; finger tabs	3/4", 1", 11/4", 11/2"	2.0
107051A		Fits 13/4" and 2" diameter shafts; aluminum;?	1", 1½", 2", and 4¼"	
107052	HC391050	Fits 1%" & 1½" diameter shafts; aluminum; no finger tabs	3/4", 1", 1½", 11/2"	1.0
107053	HC391060	Fits 11/8" & 11/4" diameter shafts; aluminum; no finger tabs	3/4", 1", 11/4", 11/2"	1.0
87334		Fits 11/8" and 11/4" diameter shafts; aluminum;?	³ ⁄4", 1", 11⁄4", and 11⁄2"(2)	
118639		Fits 11/8" and 11/2" diameter shafts; aluminum;?	1"(2), 1¼", 1½", and 1¾"	







Dick Jones & Assoc., Inc. PO Box 3835

Cleveland, TN 37320-3835

PHONE: 423-478-2253

FAX: 423-478-2283 sales@djonesa.com