

TILLAGE TOOL SECTION

**Modern Ag Parts**  
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## PLAIN DISC BLADES PRECISION DOUBLE BEVEL EDGE

### **HEAT TREATED**

THESE BLADES HAVE PROVEN TO BE ONE OF THE TOUGHEST BLADES ON THE MARKET TODAY. STAR AND COMBINATION PUNCHED TO MEET MOST OF YOUR DISC BLADE REQUIREMENTS AND ELIMINATE A LARGE INVENTORY.



DIAMETER	CONCAVITY
16"	1 1/2"
18"	1 3/4"
20"	2"
22"	2 1/2"
24"	3"
26"	3 1/2"
36"	5 1/2"

**SQUARE HOLE DISC WILL FIT ROUND AXLES.**

PART NO.	DIA.	THICKNESS (GAUGE)	TO FIT AXLE SIZE	WEIGHT PER 100 PIECES
120-16900	16"	11GA	7/8" SQ X 1" ROUND	683
120-16902	16"	11GA	1" X 1 1/8" SQUARE	683
120-16214	16"	7GA	1 1/8" SQUARE	1025
120-16922	16"	7GA	1" X 1 1/8" SQUARE	1025
120-18912	18"	9GA	1" X 1 1/8" SQUARE	1058
120-18214	18"	7GA	1 1/8" SQUARE	1356
120-18922	18"	7GA	1" X 1 1/8" SQUARE	1356
120-18539	18"	3/16"	1 1/8" SQUARE	1433
120-20156	20"	9GA	1 1/2" ROUND	1323
120-20539	20"	3/16"	1-1/8" SQUARE	1808
120-20912	20"	9GA	1" X 1 1/8" SQUARE	1323
120-20913	20"	9GA	1 1/8" X 1 1/4" SQUARE	1323
120-20217	20"	7GA	1 1/2" SQUARE	1698
120-20922	20"	7GA	1" X 1 1/8" SQUARE	1698
120-20923	20"	7GA	1 1/8" X 1 1/4" SQUARE	1698
<b>"Lifetime Warranty Against Breakage"</b>				
120-22206	22"	7GA	1 1/2" ROUND	2073
120-22207	22"	7GA	1 3/4" ROUND	2073
120-22208	22"	7GA	2" ROUND	2073
120-22217	22"	7GA	1 1/2" SQUARE	2073
120-22922	22"	7GA	1" X 1 1/8" SQUARE	2073
120-22923	22"	7GA	1 1/8" X 1 1/4" SQUARE	2073
120-22933	22"	3/16"	1 1/8" X 1 1/4" SQUARE	2073
120-22943	22"	1/4"	1 1/8" X 1 1/4" SQUARE	2756
120-22556	22"	1/4"	1 1/2" ROUND	2756
120-22567	22"	1/4"	1 1/2" SQUARE	2756
120-24206	24"	7GA	1 1/2" ROUND	2514
120-24207	24"	7GA	1 3/4" ROUND	2514
120-24208	24"	7GA	2" ROUND	2514
120-24556	24"	1/4"	1 1/2" ROUND	3374
120-24558	24"	1/4"	2" ROUND	3374
120-24567	24"	1/4"	1 1/2" SQUARE	3374
120-24943	24"	1/4"	1 1/8" X 1 1/4" SQUARE	3374
120-24984	24"	1/4"	1 1/2" SQUARE X 1 3/4" ROUND	3374

## PLAIN DISC BLADES

### HEAT TREATED

SQUARE HOLE DISC WILL FIT ROUND AXLES.

PART NO.	DIA.	THICKNESS (GAUGE)	TO FIT AXLE SIZE	WEIGHT PER 100 PIECES
120-26565	26"	1/4"	1 1/4" SQUARE	3969
120-26567	26"	1/4"	1 1/2" SQUARE	3969
120-26984	26"	1/4"	1 1/2" SQUARE X 1 3/4" ROUND	3969
<b>MODELS FOR I.H.C. WITH 5" RAISED FLAT CENTERS</b>				
118-20214	20"	7GA	1 1/8" SQUARE	1698
118-22214	22"	7GA	1 1/8" SQUARE	2073
118-24567	24"	1/4"	1 1/2" SQUARE	3374
<b>"Lifetime Warranty Against Breakage"</b>				
<b>DEEP CONE FOR JOHN DEERE MODELS</b>				
122-22943	22"	1/4"	1 1/8" X 1 1/4" SQUARE	2756
122-24565	24"	1/4"	1 1/4" SQUARE	3374
122-24567	24"	1/4"	1 1/2" SQUARE	3374
122-26567	26"	1/4"	1 1/2" SQUARE	3969
<b>SPECIAL CONCAVITY DISC TO FIT MILLER DISC (2.625" CONCAVITY)</b>				
116-24984	24"	1/4"	1 1/2" SQUARE X 1 3/4" ROUND	3364

#### I.H.C. CONCAVITY

DIAMETER	CONCAVITY
20"	2.00"
22"	2.50"
24"	3.00"

#### DEEP CONE CONCAVITY FOR JOHN DEERE

DIAMETER	CONCAVITY
22"	3.74"
24"	3.87"
26"	4.51"

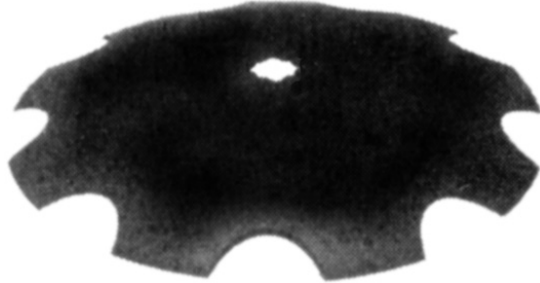
### DISC BLADE THICKNESS CHART

GAUGE	MM	NEAREST FRACTION	INCHES
7	4.5	--	.177
9	3.5	--	.138
11	3	1/8"	.118
3/16"	4.75	3/16"	.187
1/4"	6	1/4"	.236
1/2"	12	1/2"	.472

## NOTCHED DISC BLADES

### PRECISION DOUBLE BEVEL EDGE HEAT TREATED

THESE BLADES HAVE PROVEN TO BE ONE OF THE TOUGHEST BLADES ON THE MARKET TODAY. STAR AND COMBINATION PUNCHED TO MEET MOST OF YOUR DISC BLADE REQUIREMENTS AND ELIMINATE A LARGE INVENTORY.



DIAMETER	CONCAVITY
16"	1 1/2"
18"	1 3/4"
20"	2"
22"	2 1/2"
24"	3"
26"	3 1/2"
36"	5 1/2"

SQUARE HOLE DISC WILL FIT ROUND AXLES.

PART NO.	DIA.	THICKNESS (GAUGE)	TO FIT AXLE SIZE	WEIGHT PER 100 PIECES
121-16900	16"	11GA	7/8" SQUARE X 1" ROUND	639
121-16902	16"	11GA	1" X 1 1/8" SQUARE	639
121-16214	16"	7GA	1 1/8" SQUARE	970
121-16922	16"	7GA	1" X 1 1/8" SQUARE	970
121-18900	18"	11GA	7/8" SQUARE X 1" ROUND	860
121-18902	18"	11GA	1" X 1 1/8" SQUARE	860
121-18903	18"	11GA	1 1/8" X 1 1/4" SQUARE	860
121-18922	18"	7GA	1" X 1 1/8" SQUARE	1290
121-18923	18"	7GA	1 1/8" X 1 1/4" SQUARE	1290
121-18912	18"	9GA	1" X 1 1/8" SQUARE	992
121-18539	18"	3/16"	1 1/8" SQUARE	1367
<b>"Lifetime Warranty Against Breakage"</b>				
121-20156	20"	9GA	1 1/2" ROUND	1235
121-20539	20"	3/16"	1-1/8" SQUARE	1700
121-20912	20"	9GA	1" X 1 1/8" SQUARE	1235
121-20913	20"	9GA	1 1/8" X 1 1/4" SQUARE	1235
121-20920	20"	7GA	7/8" SQUARE X 1" ROUND	1588
121-20922	20"	7GA	1" X 1 1/8" SQUARE	1588
121-20923	20"	7GA	1 1/8" X 1 1/4" SQUARE	1588
121-22206	22"	7GA	1 1/2" ROUND	1962
121-22207	22"	7GA	1 3/4" ROUND	1962
121-22217	22"	7GA	1 1/2" SQUARE	1962
121-22922	22"	7GA	1" X 1 1/8" SQUARE	1962
121-22923	22"	7GA	1 1/8" X 1 1/4" SQUARE	1962
121-22933	22"	3/16"	1 1/8" X 1 1/4" SQUARE	1906
121-22556	22"	1/4"	1 1/2" ROUND	2602
121-22567	22"	1/4"	1 1/2" SQUARE	2602
121-22943	22"	1/4"	1 1/8" X 1 1/4" SQUARE	2602

## NOTCHED DISC BLADES HEAT TREATED

SQUARE HOLE DISC WILL FIT ROUND AXLES.

PART NO.	DIA.	THICKNESS (GAUGE)	TO FIT AXLE SIZE	WEIGHT PER 100 PIECES
121-24217	24"	7GA	1 1/2" SQUARE	2381
121-24556	24"	1/4"	1 1/2" ROUND	3241
121-24558	24"	1/4"	2" ROUND	3241
121-24567	24"	1/4"	1 1/2" SQUARE	3241
121-24943	24"	1/4"	1 1/8" X 1 1/4" SQUARE	3241
121-24984	24"	1/4"	1 1/2" SQUARE X 1 3/4" ROUND	3241
121-26565	26"	1/4"	1-1/4" SQUARE	3748
121-26558	26"	1/4"	2" ROUND	3748
121-26567	26"	1/4"	1 1/2" SQUARE	3748
121-26984	26"	1/4"	1 1/2" SQUARE X 1 3/4" ROUND	3748

### "Lifetime Warranty Against Breakage"

121-28706	28"	3/8"	2 1/8" ROUND	7000
121-30704	30"	3/8"	2 1/8" ROUND	8000
121-32610	32"	3/8"	2 1/2" ROUND	9000
121-36635	36"	1/2"	2 1/2" ROUND	14046

**NOTE:**FOR USE WITH ROME EQUIPMENT-BLADES HAVE DIMPLES OUTSIDE OF CENTER HOLE

### MODELS FOR I.H.C. WITH 5" RAISED FLAT CENTER

119-20214	20"	7GA	1 1/8" SQUARE	1588
119-22214	22"	7GA	1 1/8" SQUARE	1962

### DEEP CONE FOR JOHN DEERE MODELS

123-22943	22"	1/4"	1 1/8" X 1 1/4" SQUARE	2602
123-24565	24"	1/4"	1 1/4" SQUARE	3241
123-24567	24"	1/4"	1 1/2" SQUARE	3241
123-26567	26"	1/4"	1 1/2" SQUARE	3748

### SPECIAL CONCAVITY DISC TO FIT MILLER DISC (2.625" CONCAVITY)

117-24984	24"	1/4"	1 1/2" SQUARE X 1 3/4" ROUND	3241
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#### I.H.C. CONCAVITY

DIAMETER	CONCAVITY
20"	2.00"
22"	2.50"

#### DEEP CONE CONCAVITY FOR JOHN DEERE

DIAMETER	CONCAVITY
22"	3.74"
24"	3.87"
26"	4.51"

## DISC BLADE THICKNESS CHART

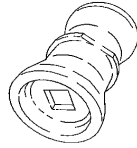
GAUGE	MM	NEAREST FRACTION	INCHES
7	4.5	--	.177
9	3.5	--	.138
11	3	1/8"	.118
3/16"	4.75	3/16"	.187
1/4"	6	1/4"	.236
1/2"	12	1/2"	.472

## DISC BLADE REFERENCE CHART

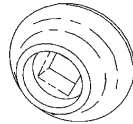
Disc Model No.	Axle Size	Disc Model No.	Axle Size	Disc Model No.	Axle Size
<b>ALLIS CHALMERS</b>		<b>INTERNATIONAL HARVESTER (Continued)</b>		<b>MASSEY FERGUSON (Continued)</b>	
2100-2300	1 1/2 Square	490	1 1/8 Square	MF25, 39	1 Round
3400	1 1/2 Round	500	1 1/2 Square	MF40	1 1/2 Square
<b>AMCO</b>		610	1 1/2 Square	MF52	1 1/8 Round
WOD, WTD	1 1/8 Square	630	1 1/2 Round	MF72	1 1/8 Round
WOE	1 3/8 Round	<b>JOHN DEERE</b>		<b>MILLER</b>	
WOF, WOJ	1 1/2 Square	105	1 Round	Series I	1 3/4 Round
WTF, WTJ	1 1/2 Square	115	1 1/8 Round	Series II	1 3/4 Round
48, 85, 148, 185, 248, 258	1 1/2 Square	225	1 1/2 Round	<b>NEW HOLLAND</b>	
F15B & F15	1 1/2 Square	425	1 1/2 Round	OD100	1 3/4 Round
<b>ATHENS</b>		1630	1 1/2 Square	OD200	1 3/4 Round
48	1 Square	100	1 1/8 Square	OD300	2 Round
62	1 1/8 Square	110	1 1/8 Square	TD100	1 3/4 Round
126	1 1/2 Square	200 & 210 Series	1 1/8 Square	TD200	1 3/4 Round
131	1 1/2 Square	215	1 1/2 Round	<b>RHINO</b>	
<b>BINKLEY</b>		220	1 1/8 Square	177	1 1/2 Square
700 Series	1 1/2 Round	225	1 1/2 Round	Flex 90	1 1/8 Square
<b>BLANTON</b>		230 (Cone Disc)	1 1/8 Square	Flex 90B	1 1/4 Square
4500	1 1/2 Square	235	1 1/2 Round	<b>SUNFLOWER</b>	
B900	1 1/8 Square	310	1 1/4 Square	1210	1 1/2 Round
B1000	1 1/8 Square	425	1 1/2 Round	1211	1 3/4 Square
3000H	1 1/2 Square	525	1 1/2 Round	1230	1 1/2 Round
<b>BURCH</b>		1630 & 1635	1 1/2 Square	1231	1 3/4 Round
Kwik-Set	1 1/8 Square	1640	1 1/2 Square	1320 & 1330	1 3/4 Round
209	1 1/8 Square	2620 (Cone Disc)	1 1/2 Square	1321 & 1331	1 3/4 Round
208 BW	1 1/2 Round	2621	1 1/2 Square	1430 & 1440	1 3/4 Round
Tru-Cut	7/8 Square	2650	1 3/4 Square	H-3 & H-4	1 3/4 Round
<b>BUSH-HOG</b>		2651	1 3/4 Square	1431-1441	1 3/4 Round
245	1 1/4 or 1 1/2 Square	2700	2 1/4 Square	1541	
1440	1 1/8 Square	BWA	1 1/4 Square	<b>SCHAFFER</b>	
1445	1 1/8 or 1 1/4 Square	BWF	1 1/4 Square	355	1 3/4 Round
1450	1 1/8 or 1 1/4 Square	<b>KEWANEE</b>		555	2 Round
145	1 1/4 Square	800	1 1/8 Square	<b>TAYLOR WAY</b>	
146 Reg	1 1/4 Square	1000	1 1/8 Square	200251 thru 200268	1 1/2 Square
146 HD	1 1/2 Square	<b>KRAUSE</b>		200108 thru 200118	1 1/8 Square
1422	1 or 1 1/8 Square	1952-1956-60-70	1 1/2 Round	200023	1 1/8 Square
1424	1 1/8 Square	1959-63-73		200024	1 1/8 Square
1432	1 1/8 Square	1968-1969-1979	1 1/2 Round	200196-200199	1 1/8 Square
1436	1 1/8 Square	1965-1966-1976	1 1/2 Round	2000051-2000068	1 1/8 Square
1437	1 1/8 or 1 1/2 Square	2100 Series	1 1/2 Round	200284-200291	1 1/2 Square
1438 & 1439	1 1/8 Square	2200 Series	1 1/2 Round	200310-200315	1 1/2 Square
1444	1 1/8 Square	2400 Series	1 1/2 Round	2001 Series	1 1/8 Square
Rolling Bedder	1 1/8 Square	2400 Series	1 3/4 Round	200011	7/8 Square
<b>DUNHAM-LEHR</b>		3100 Series	1 1/2 Round	200013	7/8 Square
GC	1 1/8 Square	3200 Series	1 3/4 Round	200035	1 1/8 Square
<b>FORD</b>		1498 & 1499	1 1/2 Round	200036	1 1/8 Square
201	1 Round	1465-1470	1 3/4 Round	200037	1 1/8 Square
202	1 Round	1580-1480	1 1/2 Round	200048	1 1/8 Square
204	1 Round	1740-1769	1 3/4 Round	200049	1 1/8 Square
219	1 1/2 Square	1912-1915-1918	1 1/2 Round	2000165	7/8 Square
220	1 1/8 Square	1901-1904-1907	1 1/2 Round	2000166	7/8 Square
221	15/16 Round	1922-1925-1928	1 1/2 Round	2000167	7/8 Square
222	1 1/8 Square	1921-1924-1927	1 1/2 Round	<b>VASSAR</b>	
223	1 1/8 Square	1959-1963-1973	1 1/2 Round	Disc-Ezy	1 1/8 Square
236	1 1/2 Square	<b>LONG</b>		<b>WHITE</b>	
243	1 1/2 Round	953	7/8 Square	251	1 1/8 Square
<b>HESSTON</b>		1080	1 1/2 Square	252	1 1/8 Square
2410	1 3/4 Round	1087, 88, 89	1 1/2 Square	253	1 1/8 Square
<b>INTERNATIONAL HARVESTER</b>		<b>MASSEY FERGUSON</b>		263	1 1/8 Square
122, 132, 350, 370	1 1/8 Square	MF520, 620, 820	1 1/4 Square	265	1 1/8 Square
400, 470	1 1/8 Square	MF21	1 Square	271, 272	1 1/8 Square
		MF30, 720,	1 1/2 Square	281	1 1/2 Square

## COMPONENT PARTS FOR I.H.C. DISC HARROWS

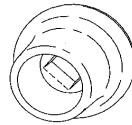
### CAST SPOOLS For use on 1 1/8" axles.



118-1107



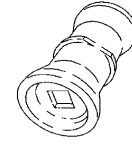
118-1101  
118-1105



118-1102  
118-1106



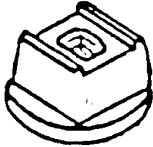
118-1103  
118-1104



118-1108

PART NO.	OEM NO.	DESCRIPTION	SPACING	MODELS
118-1101	101189C1	1-5/8" NEW STYLE W/ RD HOLE	7-1/2"	470 THRU 490
118-1102	101190C1	3" NEW STYLE W/ RD HOLE	9"	470 THRU 490
118-1103	101191C1	4" NEW STYLE W/ RD HOLE	7-1/2" & 9"	470 THRU 490
118-1104	472591R3	4" OLD STYLE W/ SQ HOLE	7-1/2" & 9"	470 THRU 490
118-1105	472592R3	1-5/8" OLD STYLE W/ SQ HOLE	7-1/2"	470 THRU 490
118-1106	472593R3	3" OLD STYLE W/ SQ HOLE	9"	470 THRU 490
118-1107	481416R1	7-1/2" OLD STYLE W/ SQ HOLE	7-1/2"	470 THRU 490
118-1108	481417R1	9" OLD STYLE W/ SQ HOLE	9"	470 THRU 490

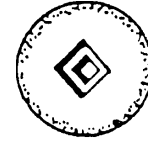
### MISCELLANEOUS PARTS



118-1202



118-1204



118-1203

PART NO.	OEM NO.	DESCRIPTION	MODELS
118-1202	481611R1	END WASHER CAST IRON (LONG)	ALL 470 THRU 490
118-1203	468584R1	BUMPER WASHER CAST IRON	ALL 470 THRU 490
118-1204	P34101	AXLE NUT LOCK, FLAT STEEL	ALL 470 THRU 490

### DISC AXLES



PART NO.	OEM NO.	DESCRIPTION	MODELS
118-1301	468583R2	1-1/8" SQ X 79.4"	470 THRU 490
118-1302	468582R2	1-1/8" SQ X 76.4"	470 THRU 490
118-1303	472586R2	1-1/8" SQ X 71.9"	470 THRU 490
118-1304	652939R2	1-1/8" SQ X 67.4"	470 THRU 490
118-1305	468607R1	1-1/8" SQ X 39.8"	470 THRU 490 W/ FOLDING WINGS

### SPACER TUBES



PART NO.	OEM NO.	LENGTH
118-1401	652383R1	5-1/16"
118-1402	472594R1	6-1/16"
118-1403	652412R1	7-1/4"
118-1404	112410C1	8-3/4"

### SLACK WASHERS

Will fit many  
manufacturers discs

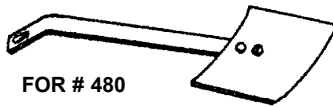
PART NO.	DESCRIPTION
118-1207	5" O.D. X 1/4" Thick for 1-1/2" Round Axle
118-1208	5" O.D. X 1/4" Thick for 1-1/8" Square Axle

**TILLAGE TOOLS**

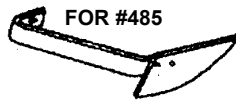
Component Parts for I.H.C. Disc Harrows  
Disc Harrow Parts

**COMPONENT PARTS FOR I.H.C. DISC HARROWS**

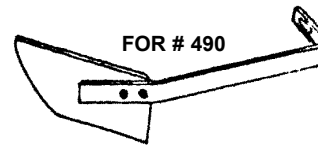
**SCRAPERS**



FOR # 480



FOR #485



FOR # 490

PART NO.	OEM NO.	DESCRIPTION	MODELS
118-1501	121119C92	RIGHT HAND	490, 470, 496
118-1502	121120C92	LEFT HAND	490, 470, 496
118-1503	483139R92	LEFT HAND	480
118-1504	483140R92	RIGHT HAND	480
118-1507	121195C91	LEFT HAND	485
118-1508	121196C91	RIGHT HAND	485

**DISC HARROW PARTS**

**TO FIT MOST DISC HARROWS WITH 1" SQUARE AXLES**



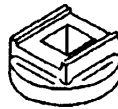
118-2001



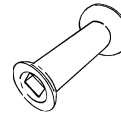
118-2002



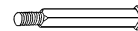
118-2003



118-2004



118-2005



118-2051  
THRU  
118-2056

PART NO.	DESCRIPTION
118-2000	Kit contains: 2) Bearing Caps, 1) 7 1/4 Ribbed Spool, 2) 5 1/2 x 1/2 Carriage bolts, 2) Nuts & 2) Lockwashers
118-2001	7 1/4" Ribbed Spool for 1" Square Axle
118-2002	Bearing Cap End for Ribbed Spool Tapped for Grease Fitting
118-2003	Bumper Washer
118-2004	End Washer
118-2005	Plain Spool for 7-1/4 Spacing
118-2051	21-5/8" X 1" Sq. Disc Axle
118-2052	26-1/2" X 1" Sq. Disc Axle
118-2055	30-5/8" X 1" Sq. Disc Axle
118-2053	34" X 1" Sq. Disc Axle
118-2056	39-5/8" X 1" Sq. Disc Axle
118-2054	41" X 1" Sq. Disc Axle

**TO FIT MOST DISC HARROWS WITH 1 1/8" SQUARE AXLES**



118-2010



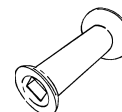
118-2011  
118-2012



118-2013



118-2018  
118-2022  
118-2023



118-2019  
118-2020



118-2021

PART NO.	DESCRIPTION
118-2010	Ribbed Bearing Cap for 1 1/8" Spools
118-2011	7 1/2" Ribbed Spool for 1 1/8" Axle
118-2012	9" Ribbed Spool for 1 1/8" Axle
118-2013	Bumper Washer for 1 1/8" Axle
118-2018	3" Spacer Spool for 1 1/8" Sq.
118-2019	7 1/2" Plain Spool for 1 1/8" Sq. Axle
118-2020	9" Plain Spool for 1 1/8" Sq. Axle
118-2021	End Washer for 1 1/8 Sq. Axle
118-2022	1 3/4" Spacer Spool for 1 1/8 Sq.
118-2023	4 1/2" Spacer Spool for 1 1/8 Sq.