

CLARK

Agricultural Equipment

TECHNOLOGICALLY SUPERIOR IN FUNCTION
WHILE MAINTAINING SIMPLICITY OF DESIGN



Since 1937
Quality Commercial Fertilizer
Application and Support Equipment

SPRING/SUMMER 2015 PRODUCT CATALOG

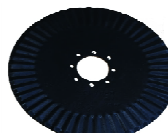


January 2015

QUICK REFERENCE PART LIST



Straight Edge Ripple Blade
Available in 17" & 20"



Ripple Blade
Available in 17" & 20"



Plain Blade
Available in 17" & 20"



N345
22" Offset Shaft



N393Y
Knife Mounting Brkt.
Shown with Optional
Wiese CO-50 Knife



W40-2 (Standard)
2-Piece Seal Kit
Options Available



N343
22" Straight Shaft



COI200
Injection Mounting
Assembly



N349-DS
Ductile Steel
Depth Spool



Coulters Injection
Assemblies w/
Poly or S.S. Check
Valve



N346S
Bolt Sack



E-Koted U-Bolt &
Dorreltech coated
Nuts and Lock Washers



N-341Y
Clamp Assembly



N347-2
30° Lock Collar w/
Bolt (45° Optional)



N346 SERIES COULTER ASSEMBLY OPTIONS

Clamps Are Not Included With Coulters



N346 STANDARD COULTER SUB-ASSEMBLY

Includes:
N346 COULTER SUB-ASSEMBLY

Coulters Sub-Assembly

wt. 35 lbs.



N346Y STANDARD COULTER SUB-ASSEMBLY with LOCKING COLLAR & BOLT SACK

Includes:
N346 COULTER SUB-ASSEMBLY
N347-2 LOCKING COLLAR (30 degree)
N346S BOLT SACK

Coulters Sub-Assembly

wt. 37 lbs.



N347Y STANDARD 20" COULTER ASSEMBLY without BLADE

Includes:
N346 COULTER SUB-ASSEMBLY
N343 1 1/2" x 22" **STRAIGHT** COULTER SHANK
N347-2 LOCKING COLLAR (30 degree)
N346S BOLT SACK

Coulters Sub-Assembly

wt. 48 lbs.








N347 w/ N342 STANDARD COULTER ASSEMBLY with 20" x 4.5mm RIPPLE BLADE






Includes:
N346 COULTER SUB-ASSEMBLY
N343 1 1/2" x 22" **STRAIGHT** COULTER SHANK
N347-2 LOCKING COLLAR (30 degree)
N346S BOLT SACK
N342 20" x 4.5mm RIPPLE BLADE






20" Ripple Blade






wt. 63 lbs.

N346 SERIES COULTER ASSEMBLY OPTIONS - Continued






N347 w/ N342-R5 STANDARD COULTER ASSEMBLY with 20" x 5.0mm RIPPLE BLADE				NEW
 20" Ripple Blade	  		Includes: N346 COULTER SUB-ASSEMBLY N343 1 1/2" x 22" STRAIGHT COULTER SHANK N347-2 LOCKING COLLAR (30 degree) N346S BOLT SACK N342-R5 20" x 5.0mm RIPPLE BLADE	wt. 63 lbs.






N347 w/ N342-SE STANDARD COULTER ASSEMBLY with 20" x 4.0mm STRAIGHT-EDGE RIPPLE BLADE				
 20" Straight-Edge Ripple Blade	  		Includes: N346 COULTER SUB-ASSEMBLY N343 1 1/2" x 22" STRAIGHT COULTER SHANK N347-2 LOCKING COLLAR (30 degree) N346S BOLT SACK N342-SE 20" x 4.0mm Straight-Edge RIPPLE BLADE	wt. 63 lbs.






N347 w/ N342-P STANDARD COULTER ASSEMBLY with 20" x 4.0mm PLAIN BLADE				
 20" Plain Blade	  		Includes: N346 COULTER SUB-ASSEMBLY N343 1 1/2" x 22" STRAIGHT COULTER SHANK N347-2 LOCKING COLLAR (30 degree) N346S BOLT SACK N342-P 20" x 4.0mm PLAIN BLADE	wt. 63 lbs.






N347 w/ N339-R STANDARD COULTER ASSEMBLY with 17" x 4.5mm RIPPLE BLADE				
 17" Ripple Blade	  		Includes: N346 COULTER SUB-ASSEMBLY N343 1 1/2" x 22" STRAIGHT COULTER SHANK N347-2 LOCKING COLLAR (30 degree) N346S BOLT SACK N339-R 17" x 4.5mm RIPPLE BLADE	wt. 58 lbs.





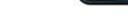
N348Y OFFSET 20" COULTER ASSEMBLY without BLADE				
 Coulters Sub-Assembly	 		Includes: N346 COULTER SUB-ASSEMBLY N345 1 1/2" x 22" OFFSET COULTER SHANK N347-2 LOCKING COLLAR (30 degree) N346S BOLT SACK	wt. 48 lbs.

N348 w/ N342 OFFSET COULTER ASSEMBLY with 20" x 4.5mm RIPPLE BLADE				
 20" x 4.5mm Ripple Blade	  		Includes: N346 COULTER SUB-ASSEMBLY N345 1 1/2" x 22" OFFSET COULTER SHANK N347-2 LOCKING COLLAR (30 degree) N346S BOLT SACK N342 20" x 4.5mm RIPPLE BLADE	wt. 65 lbs.

N348 w/ N342-R5 OFFSET COULTER ASSEMBLY with 20" x 5.0mm RIPPLE BLADE				NEW
 20" x 5.0mm Ripple Blade	  		Includes: N346 COULTER SUB-ASSEMBLY N345 1 1/2" x 22" OFFSET COULTER SHANK N347-2 LOCKING COLLAR (30 degree) N346S BOLT SACK N342-R5 20" x 5.0mm RIPPLE BLADE	wt. 65 lbs.


N348 w/ N342-SE OFFSET COULTER ASSEMBLY with 20" x 4.0mm STRAIGHT-EDGE RIPPLE BLADE				
 20" Straight-Edge Ripple Blade	  		Includes: N346 COULTER SUB-ASSEMBLY N345 1 1/2" x 22" OFFSET COULTER SHANK N347-2 LOCKING COLLAR (30 degree) N342-SE 20" x 4.0mm STRAIGHT-EDGE RIPPLE BLADE N346S BOLT SACK	wt. 63 lbs.

N348 w/ N342-P OFFSET COULTER ASSEMBLY with 20" x 4.0mm PLAIN BLADE				
 20" Plain Blade	  		Includes: N346 COULTER SUB-ASSEMBLY N345 1 1/2" x 22" OFFSET COULTER SHANK N347-2 LOCKING COLLAR (30 degree) N346S BOLT SACK N342-P 20" x 4.0mm PLAIN BLADE	wt. 63 lbs.


N348 w/ N339-R OFFSET COULTER ASSEMBLY with 17" x 4.5mm RIPPLE BLADE				
 17" Ripple Blade	  		Includes: N346 COULTER SUB-ASSEMBLY N345 1 1/2" x 22" OFFSET COULTER SHANK N347-2 LOCKING COLLAR (30 degree) N346S BOLT SACK N339-R 17" x 4.5mm RIPPLE BLADE	wt. 60 lbs.

		<h2>NCIK346 SERIES COULTER INJECTION-KNIFE ASSEMBLY OPTIONS</h2>	
Clamps Are Not Included With Coulter - Injector Assy., Nozzle Holder / Rock Guard Assy., & Knife Mounting Bracket Assy. Not Included			
		Includes: <u>NCIK346</u> COULTER SUB-ASSEMBLY	
Steam Injection/Knife Coulter Sub-Assembly		wt. 48 lbs	
		Includes: <u>NCIK346</u> COULTER SUB-ASSEMBLY <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK	
Steam Injection/Knife Coulter Sub-Assembly		wt. 49 lbs	
		Includes: <u>NCIK346</u> COULTER SUB-ASSEMBLY <u>N343</u> 1 1/2" x 22" STRAIGHT COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK	
Stream Injection/Knife Coulter Sub-Assembly with Lock Collar, Bolt Sack and Straight Coulter Shank		wt. 60 lbs	
		Includes: <u>NCIK346</u> COULTER SUB-ASSEMBLY with WELDED COULTER INJECTION ARM <u>N343</u> 1 1/2" x 22" STRAIGHT COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK <u>N342</u> 20" x 4.5mm RIPPLE BLADE	
20" x 4.5mm Ripple Blade		wt. 75 lbs	
		Includes: <u>NCIK346</u> COULTER SUB-ASSEMBLY with WELDED COULTER INJECTION ARM <u>N343</u> 1 1/2" x 22" STRAIGHT COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK <u>N342-R5</u> 20" x 5.0mm RIPPLE BLADE	
20" x 5.0mm Ripple Blade		wt. 75 lbs	
		Includes: <u>NCIK346</u> COULTER SUB-ASSEMBLY with WELDED COULTER INJECTION ARM <u>N343</u> 1 1/2" x 22" STRAIGHT COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK <u>N342-SE</u> 20" x 4.0mm STRAIGHT-EDGE RIPPLE BLADE	
20" Straight-Edge Ripple Blade		wt. 75 lbs	
		Includes: <u>NCIK346</u> COULTER SUB-ASSEMBLY with WELDED COULTER INJECTION ARM <u>N343</u> 1 1/2" x 22" STRAIGHT COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK <u>N342-P</u> 20" x 4.0mm PLAIN BLADE	
20" Plain Blade		wt. 75 lbs	
		Includes: <u>NCIK346</u> COULTER SUB-ASSEMBLY with WELDED COULTER INJECTION ARM <u>N345</u> 1 1/2" x 22" OFFSET COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK	
20" Coulter Injection Knife Assembly		wt. 62 lbs	
		Includes: <u>NCIK346</u> COULTER SUB-ASSEMBLY with WELDED COULTER INJECTION ARM <u>N345</u> 1 1/2" x 22" OFFSET COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK <u>N342</u> 20" x 4.5mm RIPPLE BLADE	
20" x 4.5mm Ripple Blade		wt. 75 lbs	


NCIK346 SERIES COULTER INJECTION-KNIFE ASSEMBLY OPTIONS -Con't.


 <p>20" x 5.0mm Ripple Blade</p>	<p>NCIK348 w/ N342-R5 OFFSET 20" COULTER INJECTION-KNIFE ASSEMBLY with 20" x 5.0mm RIPPLE BLADE</p>	<p>NEW</p>
<p>Includes:</p> <p><u>NCIK346</u> COULTER SUB-ASSEMBLY with WELDED COULTER INJECTION ARM</p> <p><u>N345</u> 1 1/2" x 22" OFFSET COULTER SHANK</p> <p><u>N347-2</u> LOCKING COLLAR (30 degree)</p> <p><u>N346S</u> BOLT SACK</p> <p><u>N342-R5</u> 20" x 5.0mm RIPPLE BLADE</p> <p>wt. 75 lbs.</p>		

 <p>20" Straight-Edge Ripple Blade</p>	<p>NCIK348 w/ N342-SE OFFSET 20" COULTER INJECTION-KNIFE ASSEMBLY with 20" x 4mm STRAIGHT-EDGE RIPPLE BLADE</p>	<p>NEW</p>
<p>Includes:</p> <p><u>NCIK346</u> COULTER SUB-ASSEMBLY with WELDED COULTER INJECTION ARM</p> <p><u>N345</u> 1 1/2" x 22" OFFSET COULTER SHANK</p> <p><u>N347-2</u> LOCKING COLLAR (30 degree)</p> <p><u>N346S</u> BOLT SACK</p> <p><u>N342-SE</u> 20" x 4.0mm STRAIGHT-EDGE RIPPLE BLADE</p> <p>wt. 75 lbs.</p>		

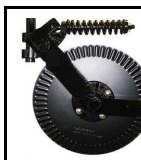
 <p>20" Plain Blade</p>	<p>NCIK348 w/ N342-P OFFSET 20" COULTER INJECTION-KNIFE ASSEMBLY with 20" x 4.0mm PLAIN BLADE</p>	<p>NEW</p>
<p>Includes:</p> <p><u>NCIK346</u> COULTER SUB-ASSEMBLY with WELDED COULTER INJECTION ARM</p> <p><u>N345</u> 1 1/2" x 22" OFFSET COULTER SHANK</p> <p><u>N347-2</u> LOCKING COLLAR (30 degree)</p> <p><u>N346S</u> BOLT SACK</p> <p><u>N342-P</u> 20" x 4.0mm PLAIN BLADE</p> <p>wt. 75 lbs.</p>		

NSD346 COULTER ASSEMBLY OPTIONS

 <p>NSD346</p>	<p>NSD346 20" SIDE-DRESS COULTER SUB-ASSEMBLY</p>	<p>NEW</p>
<p>Includes:</p> <p><u>NSD346</u> SIDE-DRESS COULTER SUB-ASSY.</p>		

	<p>NSD346Y 20" SIDE-DRESS COULTER SUB-ASSEMBLY with LOCK COLLAR & BOLT SACK</p>	<p>NEW</p>
<p>Includes:</p> <p><u>NSD346</u> SIDE-DRESS COULTER SUB-ASSY.</p> <p><u>N347-2</u> LOCKING COLLAR (30 degree)</p> <p><u>N346S</u> BOLT SACK</p>		

	<p>NSD347Y 20" SIDE-DRESS COULTER ASSEMBLY without BLADE</p>	<p>NEW</p>
<p>Includes:</p> <p><u>NSD346</u> SIDE-DRESS COULTER SUB-ASSY.</p> <p><u>N343</u> 1 1/2" x 22" STRAIGHT COULTER SHANK</p> <p><u>N347-2</u> LOCKING COLLAR (30 degree)</p> <p><u>N346S</u> BOLT SACK</p>		

	<p>NSD347 w/ N342 20" SIDE-DRESS COULTER ASSEMBLY with 20" x 4.5mm RIPPLE BLADE</p>	<p>NEW</p>
<p>Includes:</p> <p><u>NSD346</u> SIDE-DRESS COULTER SUB-ASSY.</p> <p><u>N343</u> 1 1/2" x 22" STRAIGHT COULTER SHANK</p> <p><u>N347-2</u> LOCKING COLLAR (30 degree)</p> <p><u>N346S</u> BOLT SACK</p> <p><u>N342</u> 20" x 4.5mm RIPPLE BLADE</p>		

	<p>NSD347 w/ N342-R5 20" SIDE-DRESS COULTER ASSEMBLY with 20" x 5.0mm BLADE</p>	<p>NEW</p>
<p>Includes:</p> <p><u>NSD346</u> SIDE-DRESS COULTER SUB-ASSY.</p> <p><u>N343</u> 1 1/2" x 22" STRAIGHT COULTER SHANK</p> <p><u>N347-2</u> LOCKING COLLAR (30 degree)</p> <p><u>N346S</u> BOLT SACK</p> <p><u>N342-R5</u> 20" x 5.0mm RIPPLE BLADE</p>		

	<p>NSD347 with 20" SIDE-DRESS COULTER ASSEMBLY with N342-SE 20" x 4.0mm BLADE</p>	<p>NEW</p>
<p>Includes:</p> <p><u>NSD346</u> SIDE-DRESS COULTER SUB-ASSY.</p> <p><u>N343</u> 1 1/2" x 22" STRAIGHT COULTER SHANK</p> <p><u>N347-2</u> LOCKING COLLAR (30 degree)</p> <p><u>N346S</u> BOLT SACK</p> <p><u>N342-SE</u> 20" x 4.0mm STRAIGHT-EDGE RIPPLE BLADE</p>		

NSD346 COULTER ASSEMBLY OPTIONS - Continued

	NSD347 w/ N342-P 20" SIDE-DRESS COULTER ASSEMBLY with 20" x 4.0mm PLAIN BLADE	NEW
<p>Includes: <u>NSD346</u> SIDE-DRESS COULTER SUB-ASSY. <u>N343</u> 1 1/2" x 22" <u>STRAIGHT</u> COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK <u>N342-P</u> 20" x 4mm PLAIN BLADE</p>		

	NSD348Y 20" OFFSET SIDE-DRESS COULTER ASSEMBLY without BLADE	NEW
<p>Includes: <u>NSD346</u> SIDE-DRESS COULTER SUB-ASSY. <u>N345</u> 1 1/2" x 22" <u>OFFSET</u> COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK</p>		

	NSD348 w/ N342 20" OFFSET SIDE-DRESS COULTER ASSEMBLY with 20" x 4.5mm RIPPLE BLADE	NEW
<p>Includes: <u>NSD346</u> SIDE-DRESS COULTER SUB-ASSY. <u>N345</u> 1 1/2" x 22" <u>OFFSET</u> COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK <u>N342</u> 20" x 4.5mm RIPPLE BLADE</p>		

	NSD348 w/ N342-R5 20" OFFSET SIDE-DRESS COULTER ASSEMBLY with 20" x 5mm RIPPLE BLADE	NEW
<p>Includes: <u>NSD346</u> SIDE-DRESS COULTER SUB-ASSY. <u>N345</u> 1 1/2" x 22" <u>OFFSET</u> COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK <u>N342-R5</u> 20" x 5mm RIPPLE BLADE</p>		

	NSD348 w/ N342-SE 20" OFFSET SIDE-DRESS COULTER ASSEMBLY with 20" x 4.0mm STRAIGHT-EDGE RIPPLE BLADE	NEW
<p>Includes: <u>NSD346</u> SIDE-DRESS COULTER SUB-ASSY. <u>N345</u> 1 1/2" x 22" <u>OFFSET</u> COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK <u>N342-SE</u> 20" x 4.0mm STRAIGHT-EDGE RIPPLE BLADE</p>		

	NSD348 w/ N342-P 20" OFFSET SIDE-DRESS COULTER ASSEMBLY with 20" x 4.0mm PLAIN BLADE	NEW
<p>Includes: <u>NSD346</u> SIDE-DRESS COULTER SUB-ASSY. <u>N345</u> 1 1/2" x 22" <u>OFFSET</u> COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK <u>N342-P</u> 20" x 4mm PLAIN BLADE</p>		

Clamps are not included with Coulters

HEAVY DUTY SIDE-DRESS COULTER ASSEMBLY OPTIONS

	NSD347HDY 20" HEAVY-DUTY (24"LONG) SIDE-DRESS COULTER ASSEMBLY without BLADE	NEW
<p>Includes: <u>NSD346</u> SIDE-DRESS COULTER SUB-ASSY. <u>N344Y</u> 1x3 x 24" HEAVY DUTY <u>STRAIGHT</u> COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK</p>		

	NSD347HD w/ N342 20" HEAVY-DUTY (24"LONG) SIDE-DRESS COULTER ASSEMBLY with 20" x 4.5mm RIPPLE BLADE	NEW
<p>Includes: <u>NSD346</u> SIDE-DRESS COULTER SUB-ASSY. <u>N344Y</u> 1x3 x 24" HEAVY DUTY <u>STRAIGHT</u> COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK <u>N342</u> 20" x 4.5mm RIPPLE BLADE</p>		

	NSD347HD w/ N342-R5 20" HEAVY-DUTY (24"LONG) SIDE-DRESS COULTER ASSEMBLY with 20" x 5mm RIPPLE BLADE	NEW
<p>Includes: <u>NSD346</u> SIDE-DRESS COULTER SUB-ASSY. <u>N344Y</u> 1x3x24" HVY DUTY <u>STRAIGHT</u> COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK <u>N342-R5</u> 20" x 5.0mm RIPPLE BLADE</p>		

HEAVY DUTY SIDE-DRESS COULTER ASSEMBLY OPTIONS - Continued

	<p>NSD347HD w/ N342-SE 20" HEAVY-DUTY (24"LONG) SIDE-DRESS COULTER with 20" x 4.0mm STRAIGHT-EDGE RIPPLE BLADE</p>   	<p>NEW</p> <p>Includes: <u>N346</u> SIDE-DRESS COULTER SUB-ASSY. <u>N344Y</u> 1x3 x 24" HEAVY DUTY <u>STRAIGHT</u> COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK <u>N342-SE</u> 20" x 4.0mm STRAIGHT-EDGE RIPPLE BLADE</p>
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	<p>NSD347HD w/ N342-P 20" HEAVY-DUTY (24"LONG) SIDE-DRESS COULTER with 20" x 4.0mm PLAIN BLADE</p>   	<p>NEW</p> <p>Includes: <u>N346</u> SIDE-DRESS COULTER SUB-ASSY. <u>N344Y</u> 1x3 x 24" HEAVY DUTY <u>STRAIGHT</u> COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK <u>N342-P</u> 20" x 4.0mm PLAIN BLADE</p>
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	<p>NSD347HDLY 20" HEAVY-DUTY (27"LONG) SIDE-DRESS COULTER ASSEMBLY WITHOUT BLADE</p>   	<p>NEW</p> <p>Includes: <u>N346</u> SIDE-DRESS COULTER SUB-ASSY. <u>N344LY</u> 1x3 x 27" HEAVY DUTY <u>STRAIGHT</u> COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK</p>
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	<p>NSD347HDL with N342 20" HEAVY-DUTY (27"LONG) SIDE-DRESS COULTER with 20" x 4.5mm RIPPLE BLADE</p>   	<p>NEW</p> <p>Includes: <u>N346</u> SIDE-DRESS COULTER SUB-ASSY. <u>N344LY</u> 1x3 x 27" HEAVY DUTY <u>STRAIGHT</u> COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK <u>N342</u> 20" x 4.5mm RIPPLE BLADE</p>
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	<p>NSD347HDL w/ N342-R5 20" HEAVY-DUTY (27"LONG) SIDE-DRESS COULTER with 20" x 5.0mm RIPPLE BLADE</p>   	<p>NEW</p> <p>Includes: <u>N346</u> SIDE-DRESS COULTER SUB-ASSY. <u>N344LY</u> 1x3 x 27" HEAVY DUTY <u>STRAIGHT</u> COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK <u>N342-R5</u> 20" x 5.0mm RIPPLE BLADE</p>
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	<p>NSD347HDL with N342-SE 20" HEAVY-DUTY (27"LONG) SIDE-DRESS COULTER with 20" x 4mm STRAIGHT-EDGE RIPPLE BLADE</p>   	<p>NEW</p> <p>Includes: <u>N346</u> SIDE-DRESS COULTER SUB-ASSY. <u>N344LY</u> 1x3 x 27" HEAVY DUTY <u>STRAIGHT</u> COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK <u>N342-SE</u> 20" x 4.0mm STRAIGHT-EDGE RIPPLE BLADE</p>
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	<p>NSD347HDL with N342-P 20" HEAVY-DUTY (27"LONG) SIDE-DRESS COULTER with 20" x 4.0mm PLAIN BLADE</p>   	<p>NEW</p> <p>Includes: <u>N346</u> SIDE-DRESS COULTER SUB-ASSY. <u>N344LY</u> 1x3 x 27" HEAVY DUTY <u>STRAIGHT</u> COULTER SHANK <u>N347-2</u> LOCKING COLLAR (30 degree) <u>N346S</u> BOLT SACK <u>N342-P</u> 20" x 4.0mm PLAIN BLADE</p>
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	<p>HEAVY DUTY SIDE-DRESS COULTER ASSEMBLY</p> <p>Note: Injector Assy., Nozzle Holder / Rock Guard Assy. & Knife Mounting Bracket Assy. not included</p> <p>Clamps Are Not Included With Coulter</p> <div data-bbox="742 1747 1260 1892">  </div>
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BOLT-ON COULTER INJECTION OPTIONS **for N346 SERIES COULTER**



COI100 BOLT-ON SPRING-LOADED STREAM INJECTION BRACKET ASSEMBLY

COI100 Coultter Injection Bracket
Spring Loaded

Includes:

COI100 COULTER INJECTION BRKT WITHOUT INJECTOR NOZZLE
ASSEMBLY, TIP & CHECK VALVE

wt. 12 lbs.



COI100Y BOLT-ON SPRING-LOADED STREAM INJECTION BRACKET ASSEMBLY **with STAINLESS STEEL INJECTOR & POLY CHECK VALVE**

Bolt-On **Spring-Loaded** Stream Injection
Bracket Assembly
Stainless Steel Injector & **Poly** Check Valve

Includes:

COI100 COULTER INJECTION BRACKET ASSEMBLY
COI100-8Y INJECTOR ASSEMBLY with #15 TIP
C-25CV POLY CHECK VALVE

wt. 13 lbs.



COI100Y-SS BOLT-ON SPRING-LOADED STREAM INJECTION BRACKET ASSEMBLY **with STAINLESS STEEL INJECTOR & STAINLESS STEEL CHECK VALVE**

Bolt-On **Spring-Loaded** Stream Injection
Bracket Assembly with Stainless Steel Injector
& **Stainless Steel** Check Valve

Includes:

COI100 COULTER INJECTION BRACKET ASSEMBLY
COI100-8Y INJECTOR ASSEMBLY with #15 TIP
CSS-25CV STAINLESS STEEL CHECK VALVE

wt. 13 lbs.



COI110 BOLT-ON KNIFE or STREAM INJECTION BRACKET ASSEMBLY FOR N346

Bracket Assembly

Includes:

COI110 BOLT-ON INJECTION BRKT WITHOUT KNIFE or INJECTOR
MOUNTING ASSEMBLIES

wt. 12 lbs.



COI110 BOLT-ON KNIFE or STREAM INJECTION BRACKET ASSEMBLY with COI200

Bracket Assembly with COI200

Includes:

COI110 BOLT-ON KNIFE or STREAM INJECTION BRKT ASSEMBLY
COI200 BOLT-ON STREAM INJECTION BRKT WITHOUT INJECTOR

wt. 14 lbs.



COI110 BOLT-ON KNIFE or STREAM INJECTION BRACKET ASSEMBLY with COI200Y

Bracket Assembly with COI200Y
Poly Check Valve

Includes:

COI110 BOLT-ON KNIFE or STREAM INJECTION BRKT ASSEMBLY
COI200 BOLT-ON STREAM INJECTION BRACKET
COI100-8Y INJECTOR ASSEMBLY with #15 TIP
C-25CV POLY CHECK VALVE

wt. 14 lbs.



COI110 BOLT-ON KNIFE or STREAM INJECTION BRACKET ASSEMBLY with COI200Y-SS

Bracket Assembly with COI200Y-SS
Stainless Steel Check Valve

Includes:

COI110 BOLT-ON KNIFE or STREAM INJECTION BRKT ASSEMBLY
COI200 BOLT-ON STREAM INJECTION BRACKET
COI100-8Y INJECTOR ASSEMBLY with #15 TIP
CSS-25CV S.S. CHECK VALVE

wt. 14 lbs.



COI110N393 BOLT-ON KNIFE INJECTION BRACKET ASSEMBLY

Shown with optional knife

Knife Injection
Bracket Assembly

Includes:

COI110 BOLT-ON KNIFE or STREAM INJECTION BRKT ASSEMBLY
N393Y BOLT-ON CO-50 KNIFE MOUNTING BRACKET

wt. 18 lbs.



COI120 BOLT-ON STREAM INJECTION BRACKET ASSEMBLY

Stream Injection Bracket Assembly

Includes:

COI120 BOLT-ON STREAM INJECTION MOUNTING BRACKET
COI200 BOLT-ON STREAM INJECTION BRKT **WITHOUT** INJECTOR

wt. 12 lbs.



COI120Y BOLT-ON STREAM INJECTION BRACKET ASSEMBLY with POLY CHECK VALVE

Stream Injection Bracket Assembly **Poly** Check Valve

Includes:

COI120 BOLT-ON STREAM INJECTION MOUNTING BRACKET
COI200 BOLT-ON STREAM INJECTION BRACKET
COI100-8Y INJECTOR ASSEMBLY with #15 TIP
C-25CV POLY CHECK VALVE

wt. 12 lbs.



COI120Y-SS BOLT-ON STREAM INJECTION BRACKET ASSEMBLY with S.S. CHECK VALVE

Stream Injection Bracket Assembly
Stainless Steel Check Valve

Includes:

COI120 BOLT-ON STREAM INJECTION MOUNTING BRACKET
COI200 BOLT-ON STREAM INJECTION BRACKET
COI100-8Y INJECTOR ASSEMBLY with #15 TIP
CSS-25CV S.S. CHECK VALVE

wt. 12 lbs.



COULTER STREAM INJECTION OPTIONS FOR NCIK346 SERIES COULTER & COI110 BRACKET ASSEMBLY



COI200 COULTER INJECTION MOUNTING BRACKET ASSEMBLY
ROCK GUARD / NOZZLE HOLDER BRACKET ASSEMBLY FOR NCIK & COI110

Includes:
COI100-7 NOZZLE HOLDER/ROCK GUARD
(2) FBS0602 3/8" X 1/2" STAINLESS STEEL SET BOLTS
(1) FBH0816-SS 1/2" X 4" S.S. BOLT
(1) FNJ08-SS 1/2" S.S. JAM NUT
(1) FNJL08-SS 1/2" S.S. JAM LOCKNUT

Injection Mounting Bracket Assembly

wt. 2 lbs.



COI200Y COULTER INJECTION ASSEMBLY with POLY CHECK VALVE
ROCK GUARD / NOZZLE HOLDER BRACKET ASSEMBLY WITH POLY CHECK VALVE

Includes:
COI200 BOLT-ON COULTER INJECTION BRACKET ASSEMBLY
COI100-8Y INJECTOR ASSEMBLY with #15 TIP
C-25CV POLY CHECK VALVE

Injection Assembly with Poly Check Valve

wt. 2 lbs.



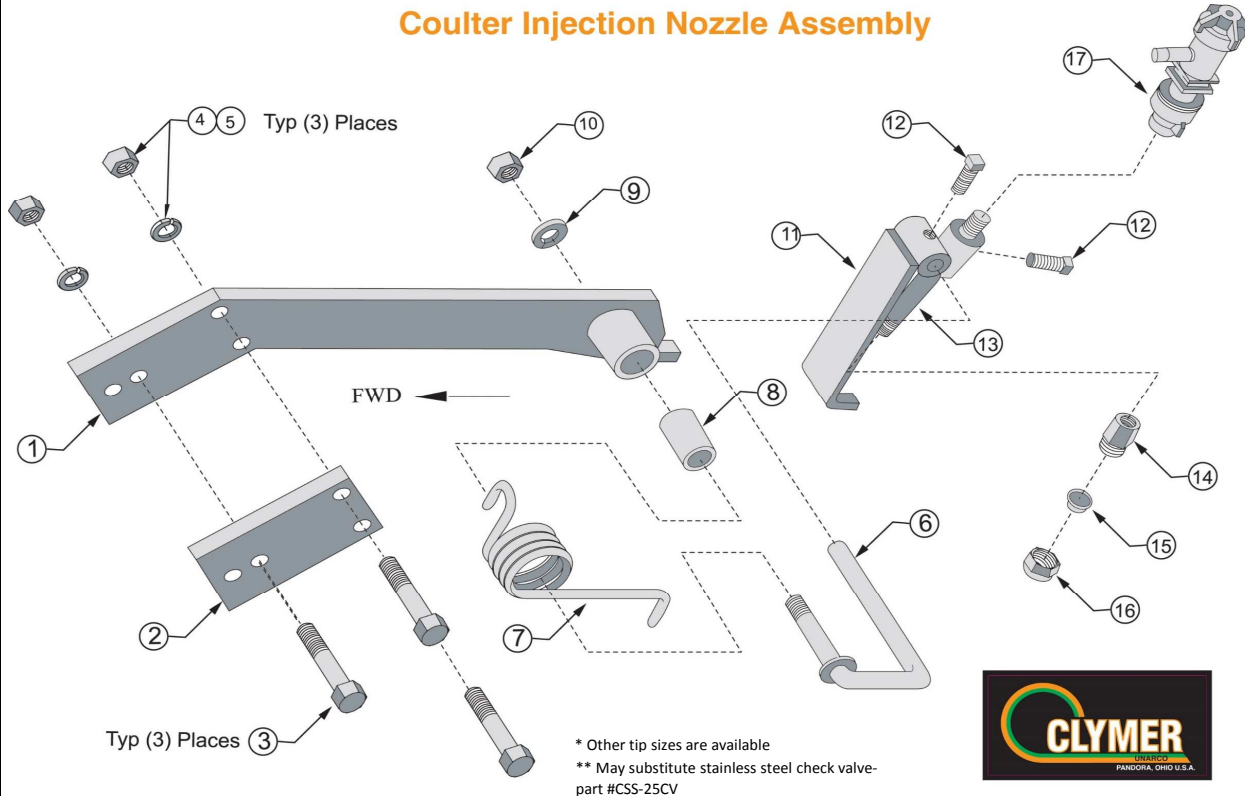
COI200Y-SS COULTER INJECTION ASSEMBLY with STAINLESS STEEL CHECK VALVE
ROCK GUARD / NOZZLE HOLDER BRACKET ASSEMBLY WITH SS CHECK VALVE

Includes:
COI200 BOLT-ON COULTER INJECTION BRACKET ASSEMBLY
COI100-8Y INJECTOR ASSEMBLY with #15 TIP
CSS-25CV STAINLESS STEEL CHECK VALVE

Injection Assembly with Stainless Steel Check Valve

wt. 2 lbs.

Coulter Injection Nozzle Assembly



COI100Y - Coulter Injection Bracket and Nozzle Assembly

Key	Part No.	Description	Qty.	9	FWF08-SAE	1/2" Flat Washer	1
1	COI100-1	Arm	1	10	FNJL08	1/2" Jam Lock Nut	1
2	COI100-3	Clamp Plate	1	11	COI100-6	Nozzle Holder/Rock Guard	1
3	FBH0810	1/2" Lock Washer	3	12	FBS0602	3/8" x 1/2" S.S. Set Screw	2
4	FWL08	1/2" Lock Washer	3	13	CSS-NOP25-5	1/4" x 5" S.S. Pipe Nipple	1
5	FNH08	1/2" Hex Nut	3	14	CSS-25NB	1/4" S.S. Nozzle Body	1
6	COI100-5	Hanger Pivot Tod	1	*15	CSS-15TIP	S.S. Injector Tip #15	1
7	S232	Torsion Spring	1	16	CSS-25CAP	1/4" S.S. Cap	1
8	COI100-4	Nylon Spacer Bushing	1	**17	C-25CV	Diaphragm Check Valve	1

COULTER KNIFE INJECTION for NSD346 SERIES COULTER



N395Y BOLT-ON BRACKET
Knife Sold Separately

N395Y BOLT-ON KNIFE MOUNTING BRACKET ASSY. for NSD346
WITH N395 KNIFE MOUNT. BOLTS & SHIMS for Wiese CQ50 KNIFE

Includes:

- (1) N395 MOUNTING BRACKET
- (1) N393SK (SHIMS) SHIM SET
- (2) FBH0808-D 1/2-13 x 2" **DORRLTECH** COATED HEX BOLT
- (2) FBH0814-D 1/2-13 x 3-1/2" **DORRLTECH** COATED HEXBOLT
- (4) FNH08-D 1/2-13 **DORRLTECH** COATED HEX NUT
- (4) FWL08-D 1/2" **DORRLTECH** SPLIT LOCKWASHER
- (3) FWF08-SAE 1/2" SAE FLAT WASHER
- (1) N393-E SHIM TUBE

Wt. 6 lbs.



N396Y BOLT-ON BRACKET
Knife Sold Separately

**N396Y BOLT-ON KNIFE/STREAM INJECTION MOUNTING
BRACKET ASSY. for NSD346**
WITH N396 KNIFE MOUNT. BOLTS & SHIMS for Wiese CO50 KNIFE

Includes:

- (1) N396 MOUNTING BRACKET
- (1) N393SK (SHIMS) SHIM SET
- (2) FBH0808-D 1/2-13 x 2" **DORRLTECH** COATED HEX BOLT
- (2) FBH0814-D 1/2-13 x 3-1/2" **DORRLTECH** COATED HEXBOLT
- (4) FNH08-D 1/2-13 **DORRLTECH** COATED HEX NUT
- (4) FWL08-D 1/2" **DORRLTECH** SPLIT LOCKWASHER
- (3) FWF08-SAE 1/2" SAE FLAT WASHER
- (1) N393-E SHIM TUBE

Wt 6 lbs



N396200 BOLT-ON BRACKET
WITH INJECTOR MOUNT

**N396200 BOLT-ON KNIFE/STREAM INJECTION MOUNTING
BRACKET ASSY. with COI200
WITH N396 KNIFE MOUNT. BOLTS & COI200**

Includes:

- (1) N396 MOUNTING BRACKET
(2) FBH0808-D 1/2-13 x 2" **DORRLTECH** COATED HEX BOLT
(2) FNH08-D 1/2-13 **DORRLTECH** COATED HEX NUT
(2) FWL08-D 1/2" **DORRLTECH** SPLIT LOCKWASHER
(1) COI200 INJECTOR MOUNT

Wt. 6 lbs.



N396200Y BOLT-ON BRACKET
WITH POLY INJECTOR ASSEMBLY

**N396200Y BOLT-ON KNIFE/STREAM INJECTION MOUNTING
BRACKET ASSY. with COI200Y**
WITH N396 KNIFE MOUNT, BOLTS & COI200Y

Includes:

- (1) N396 MOUNTING BRACKET
- (2) FBH0808-D 1/2-13 x 2" **DORRLTECH** COATED HEX BOLT
- (2) FNH08-D 1/2-13 **DORRLTECH** COATED HEX NUT
- (2) FVL08-D 1/2" **DORRLTECH** SPLIT LOCKWASHER
- (1) COI200 INJECTOR MOUNT
- (1) COI100-8Y S.S. INJECTOR ASSEMBLY with TIP
- (1) C-25CV POLY CHECK VALVE

Wt. 6 lbs.



N396200Y BOLT-ON BRACKET
WITH SS INJECTOR ASSEMBLY

**N396200Y-SS BOLT-ON KNIFE/STREAM INJECTION
MOUNTING BRACKET ASSY. with COI200Y-SS
WITH N396 KNIFE MOUNT BOLTS & COI200Y-SS**

Includes:

- (1) N396 MOUNTING BRACKET
(2) FBH0808 1/2-13 x 2" **DORRLETECH** COATED HEX BOLT
(2) FNH08-D 1/2-13 **DORRLETECH** COATED HEX NUT
(2) FWL08-D 1/2" **DORRLETECH** SPLIT LOCKWASHER
(1) COI200 INJECTOR MOUNT
(1) COI100-8Y S.S. INJECTOR ASSEMBLY WITH TIP
(1) CSS-25CV S.S. CHECK VALVE

Wt. 6 lbs.

WIESE EXTRA THIN KNIFE



CO50
WIESE EXTRA THIN KNIFE
Front Swept Coulter Knife

Includes:

- (1) WIESE EXTRA THIN KNIFE
Mounting Bracket Sold Separately

Wt. 3.3#



CO50104X
WIESE EXTRA THIN KNIFE WITH CHROME INSERTS
Front Swept Coulter Knife

Includes:

- (1) WIESE EXTRA THIN KNIFE W/ CHROME INSERTS
Mounting Bracket Sold Separately

Wt. 4.5#

COULTER KNIFE INJECTION for NCIK346 SERIES COULTER

N393Y MOUNTING BRACKET ASSEMBLY for WIESE CO-50 KNIFE



Shown with optional Wiese CO-50 Knife

Includes:

- N393 MOUNTING BRACKET
- N393A-D SHIMS
- FBH0814 1/2" X 3 1/2" BOLT
- FBH0810 1/2" X 2 1/2" BOLT
- FBH0807 1/2" X 1 3/4" BOLT
- (3) FNH08 1/2" HEX NUT
- (3) FWL08 1/2" LOCK WASHER
- (2) FWF08-SAE 1/2" FLAT WASHER

Knife Assembly
Mounted on NCIK 346 Series Coulters

Wt. 6 lbs.

N393LY BOLT-ON LONG KNIFE MOUNTING BRACKET ASSEMBLY

WITH N393L KNIFE MOUNT, BOLTS & SHIMS for WIESE CO50 KNIFE



Includes:

- N393L MOUNTING BRACKET
- N393A-D SHIMS
- (1) N393-4 1-1/4" OD x 1/2" ID x 3/4" THICK COLLAR
- (1) FBH0814 1/2" X 3 1/2" BOLT
- (2) FBH0810 1/2" X 2 1/2" BOLT
- (1) FBH0807 1/2" X 1 3/4" BOLT
- (4) FNH08 1/2" HEX NUT
- (4) FWL08 1/2" LOCK WASHER
- (1) FWF08-SAE 1/2" FLAT WASHER
- (1) FBH0608-SS 3/8-16 x 2" S.S. FULL THREAD HEX BOLT
- (2) FNHFL06-SS 3/8"-16 S.S. WHIZ FLANGE HEX NUT

Knife Assembly

Wt. 6 lbs.

DUCTILE STEEL DEPTH SPOOL

N349-DS - DEPTH SPOOL



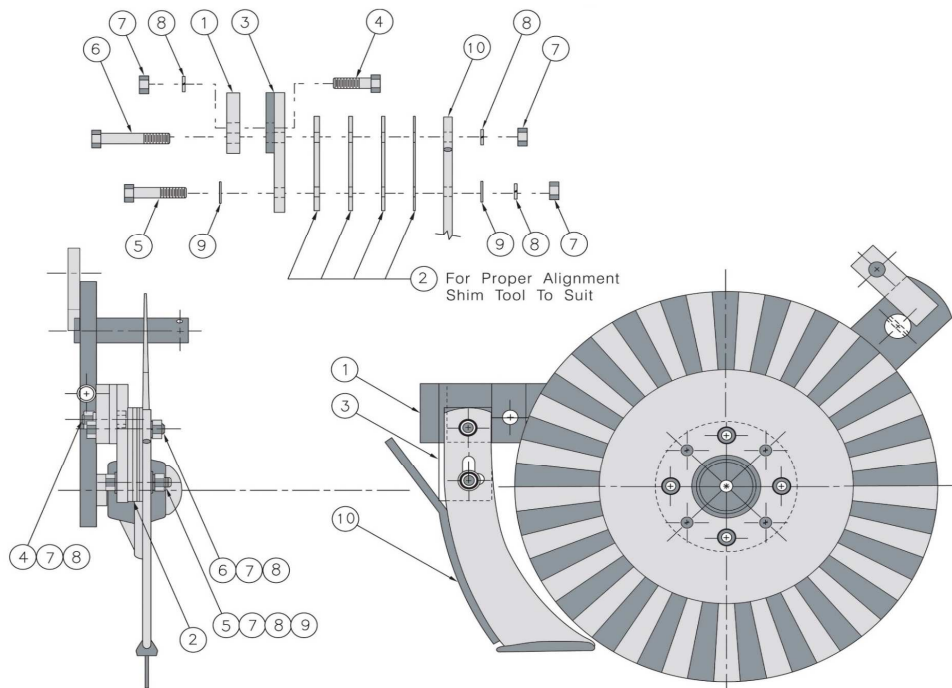
Depth Spool

- Made from heavy-duty ductile steel to resist damage from rocks and heavy dirt clods.
- Tapered for self-cleaning
- Allows fit of 5" and 5-1/4" four bolt pattern coulters without adding additional mounting kits.
- Provides consistent coulters and knife depth while protecting bearings from excessive abuse.

Wt. 15.5 lbs.

Shim Kit / Knife Assembly Diagram

Item	Qty.	Description	Part No.	Item	Qty.	Description	Part No.
1	1	Coulter Swing Arm	NCIK347-47	6	1	1/2" Hex bolt x 3-1/4" Lg	FBH0813
2	1	Shim Kit	M393 A-D	7	1	1/2" Hex Nut	FNH08
3	1	Mfg. Bracket Weld Assembly	N393	8	3	1/2" Lock Washer	FWL08
4	1	1/2" Hex Bolt x 1-3/4" Lg	FBH0807	9	2	1/2" SAE Flat Washer	FWF08-SAE
5	1	1/2" Hex Bolt x 12-1/2" Lg	FBH0810	10	1	Extra Thin Knife (Wiese)	CO-50



CLAMP ASSEMBLY OPTIONS for ALL COULTERS


 <p>4" x 4" Clamp</p>	<p>N340Y-44 4" X 4" CLAMP ASSEMBLY</p> <p>Rust-Resistant E-Coated U-Bolts & DORRLTECH coating on nuts and lock washers</p>	<p>Includes:</p> <ul style="list-style-type: none"> (1) N340-1 CLAMP PLATE (2) FBU677 E-COATED 5/8" x 4 1/8" x 7 1/2" U-BOLT (2) N369 CAST CLAMP (4) FNH10-D DORRLTECH COATED 5/8" HEX NUX (4) FWL10-D DORRLTECH COATED 5/8" LOCK WASHER <p style="text-align: right;">WT. 9.2#</p>
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 <p>4" x 6" Clamp</p>	<p>N340Y-46 4" X 6" CLAMP ASSEMBLY</p> <p>Rust-Resistant E-Coated U-Bolts & DORRLTECH coating on nuts and lock washers</p>	<p>Includes:</p> <ul style="list-style-type: none"> (1) N340-1 CLAMP PLATE (2) FBU678 E-COATED 5/8" x 4 1/8" x 9 1/2" U-BOLT (2) N369 CAST CLAMP (4) FNH10-D DORRLTECH COATED 5/8" HEX NUX (4) FWL10-D DORRLTECH COATED 5/8" LOCK WASHER <p style="text-align: right;">WT. 9.5#</p>
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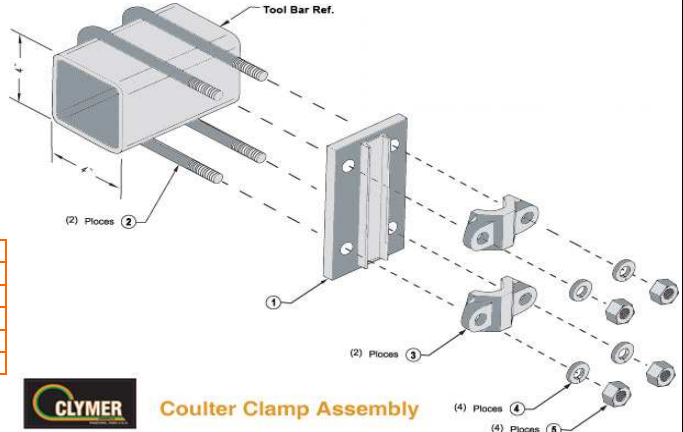
 <p>6" x 4" Clamp</p>	<p>N367Y-64 6" X 4" CLAMP ASSEMBLY</p> <p>Rust-Resistant E-Coated U-Bolts & DORRLTECH coating on nuts and lock washers</p>	<p>Includes:</p> <ul style="list-style-type: none"> (1) N367-1 CLAMP PLATE (2) FBU679 E-COATED 5/8" x 6 1/8" x 7 1/2" U-BOLT (2) N369 CAST CLAMP (4) FNH10-D DORRLTECH COATED 5/8" HEX NUX (4) FWL10-D DORRLTECH COATED 5/8" LOCK WASHER <p style="text-align: right;">WT. 11.5#</p>
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 <p>7" x 5" Clamp</p>	<p>N367Y-75 7" X 5" CLAMP ASSEMBLY</p> <p>Rust-Resistant E-Coated U-Bolts & DORRLTECH coating on nuts and lock washers</p>	<p>Includes:</p> <ul style="list-style-type: none"> (1) N367-1 CLAMP PLATE (2) FBU680 E-COATED 5/8" x 7 1/8" x 8 1/2" U-BOLT (2) N369 CAST CLAMP (4) FNH10-D DORRLTECH COATED 5/8" HEX NUX (4) FWL10-D DORRLTECH COATED 5/8" LOCK WASHER <p style="text-align: right;">WT. 12.1#</p>
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 <p>7" x 7" Clamp</p>	<p>N367Y-77 7" X 7" CLAMP ASSEMBLY</p> <p>Rust-Resistant E-Coated U-Bolts & DORRLTECH coating on nuts and lock washers</p>	<p>Includes:</p> <ul style="list-style-type: none"> (1) N367-1 CLAMP PLATE (2) FBU681 E-COATED 5/8" x 7 1/8" x 10 1/2" U-BOLT (2) N369 CAST CLAMP (4) FNH10-D DORRLTECH COATED 5/8" HEX NUX (4) FWL10-D DORRLTECH COATED 5/8" LOCK WASHER <p style="text-align: right;">WT. 12.5#</p>
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Coulters





Coulters


Coulters

Key	Part No.	Description	Qty.
1	N340-1	Clamp Plates	1
2	FBU677	5/8" x 4-1/8" x 1/2" U-Bolt	2
3	N369	Casting Clamp	2
4	FWL10	5/8" Lock Washer	4
5	FNH10	5/8" Hex Nut	4

ANTI-TWIST CLAMP ASSEMBLIES

 <p>6 X 4 CLAMP</p>	<p>N367AT6Y-64 ANTI-TWIST COULTER CLAMP for 6 X 4 TOOLBAR</p> <p>Includes:</p> <ul style="list-style-type: none"> (1) N367AT6 6" ANTI-TWIST CLAMP PLATE (2) FBU679 E-COATED 5/8-11 x 6-1/8" x 7-1/2" U-BOLT (2) N369 CAST CLAMP (4) FNH10-D 5/8-11 DORRLTECH COATED HEX NUT (4) FWL10-D 5/8" DORRLTECH SPLIT LOCKWASHER <p style="text-align: right;">WT. 12.8#</p>
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 <p>7 X 5 CLAMP</p>	<p>N367AT7Y-75 ANTI-TWIST COULTER CLAMP for 7 X 5 TOOLBAR</p> <p>Includes:</p> <ul style="list-style-type: none"> (1) N367AT7 7" ANTI-TWIST CLAMP PLATE (2) FBU680 E-COATED 5/8-11 x 7-1/8" x 8-1/2" U-BOLT (2) N369 CAST CLAMP (4) FNH10-D 5/8-11 DORRLTECH COATED HEX NUT (4) FWL10-D 5/8" DORRLTECH SPLIT LOCKWASHER <p style="text-align: right;">WT. 12.9#</p>
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 <p>7 X 7 CLAMP</p>	<p>N367AT7Y-77 ANTI-TWIST COULTER CLAMP for 7 X 7 TOOLBAR</p> <p>Includes:</p> <ul style="list-style-type: none"> (1) N367AT7 7" ANTI-TWIST CLAMP PLATE (2) FBU681 E-COATED 5/8-11 x 7-1/8" x 10-1/2" U-BOLT (2) N369 CAST CLAMP (4) FNH10-D 5/8-11 DORRLTECH COATED HEX NUT (4) FWL10-D 5/8" DORRLTECH SPLIT LOCKWASHER <p style="text-align: right;">WT. 13.6#</p>
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1 x 3 SHANK ANTI-TWIST CLAMP ASSEMBLIES



N3764Y
6 X 4 CLAMP

N3764Y
1X3 SHANK ANTI-TWIST COULTER CLAMP for
6 X 4 TOOLBAR

Includes:

- (1) **N3760** CLAMP PLATE for 1X3 SHANK ASSEMBLY
- (2) **FBU668** 5/8-11 x 6-1/8" x 5-1/2" **E-COATED** SQUARE U-BOLT
- (4) **FWL10-D** 5/8" **DORRLTECH** LOCKWASHER
- (4) **FNH10-D** 5/8-11 **DORRLTECH** HEX NUT
- (2) **FBH0810-D** 1/2-13 x 2-1/2" **DORRLTECH** HEX BOLT
- (2) **FNH08-D** 1/2-13 **DORRLTECH** HEX NUT
- (2) **FWL08-D** 1/2" **DORRLTECH** LOCKWASHER

NEW

WT. 18.4#



N3775Y
7 X 5 CLAMP

N3775Y
1X3 SHANK ANTI-TWIST COULTER CLAMP for
7 X 5 TOOLBAR

Includes:

- (1) **N3770** CLAMP PLATE for 1X3 SHANK ASSEMBLY
- (2) **FBU670** 5/8-11 x 7-1/8" x 6-1/4" **E-COATED** SQUARE U-BOLT
- (4) **FWL10-D** 5/8" **DORRLTECH** LOCKWASHER
- (4) **FNH10-D** 5/8-11 **DORRLTECH** HEX NUT
- (2) **FBH0810-D** 1/2-13 x 2-1/2" **DORRLTECH** HEX BOLT
- (2) **FNH08-D** 1/2-13 **DORRLTECH** HEX NUT
- (2) **FWL08-D** 1/2" **DORRLTECH** LOCKWASHER

NEW

WT. 18.4#



N3777Y
7 X 7 CLAMP

N3777Y
1X3 SHANK ANTI-TWIST COULTER CLAMP for
7 X 7 TOOLBAR

Includes:

- (1) **N3770** CLAMP PLATE for 1X3 SHANK ASSEMBLY
- (2) **FBU680** 5/8-11 x 7-1/8" x 8-1/2" **E-COATED** SQUARE U-BOLT
- (4) **FWL10-D** 5/8" **DORRLTECH** LOCKWASHER
- (4) **FNH10-D** 5/8-11 **DORRLTECH** HEX NUT
- (2) **FBH0810-D** 1/2-13 x 2-1/2" **DORRLTECH** HEX BOLT
- (2) **FNH08-D** 1/2-13 **DORRLTECH** HEX NUT
- (2) **FWL08-D** 1/2" **DORRLTECH** LOCKWASHER

NEW

WT. 19#



N-341 CLAMP ASSEMBLY OPTIONS



N-341Y-25
(2-1/2x2-1/2)

N341Y-25
COULTER CLAMP for 2-1/2" x 2-1/2" TOOLBAR

N-368 Cast Clamp Shown

Includes:

- (2) **N34102** CLAMP PLATE
- (2) **N368** DRILLED CAST CLAMP
- (2) **FBS1004** ZINC PLATED 5/8-11 x 1" SET BOLT
- (4) **FWL08** ZINC PLATED 1/2" SPLIT LOCK WASHER
- (4) **FNH08** ZINC PLATED 1/2-13 HEX NUT ZINC PLATED
- (4) **FBH0828** ZINC PLATED 1/2-13 x 7" GR. 5 BOLT

WT. 12.5#



N-341Y-33 (3x3)

N341Y-33
COULTER CLAMP for 3 X 3 BAR

N-368 Cast Clamp Shown

Includes:

- (2) **N34103** CLAMP PLATE
- (2) **N368** DRILLED CAST CLAMP
- (2) **FBS1004** ZINC PLATED 5/8-11 x 1" SET BOLT
- (4) **FWL08** ZINC PLATED 1/2" SPLIT LOCK WASHER
- (4) **FNH08** ZINC PLATED 1/2-13 HEX NUT ZINC PLATED
- (4) **FBH0828** ZINC PLATED 1/2-13 x 7" GR. 5 BOLT

WT. 12.5#



N-341Y-44 (4x4)

N341Y-44
COULTER CLAMP for 4 X 4 BAR










N-368 Cast Clamp Shown










Includes:

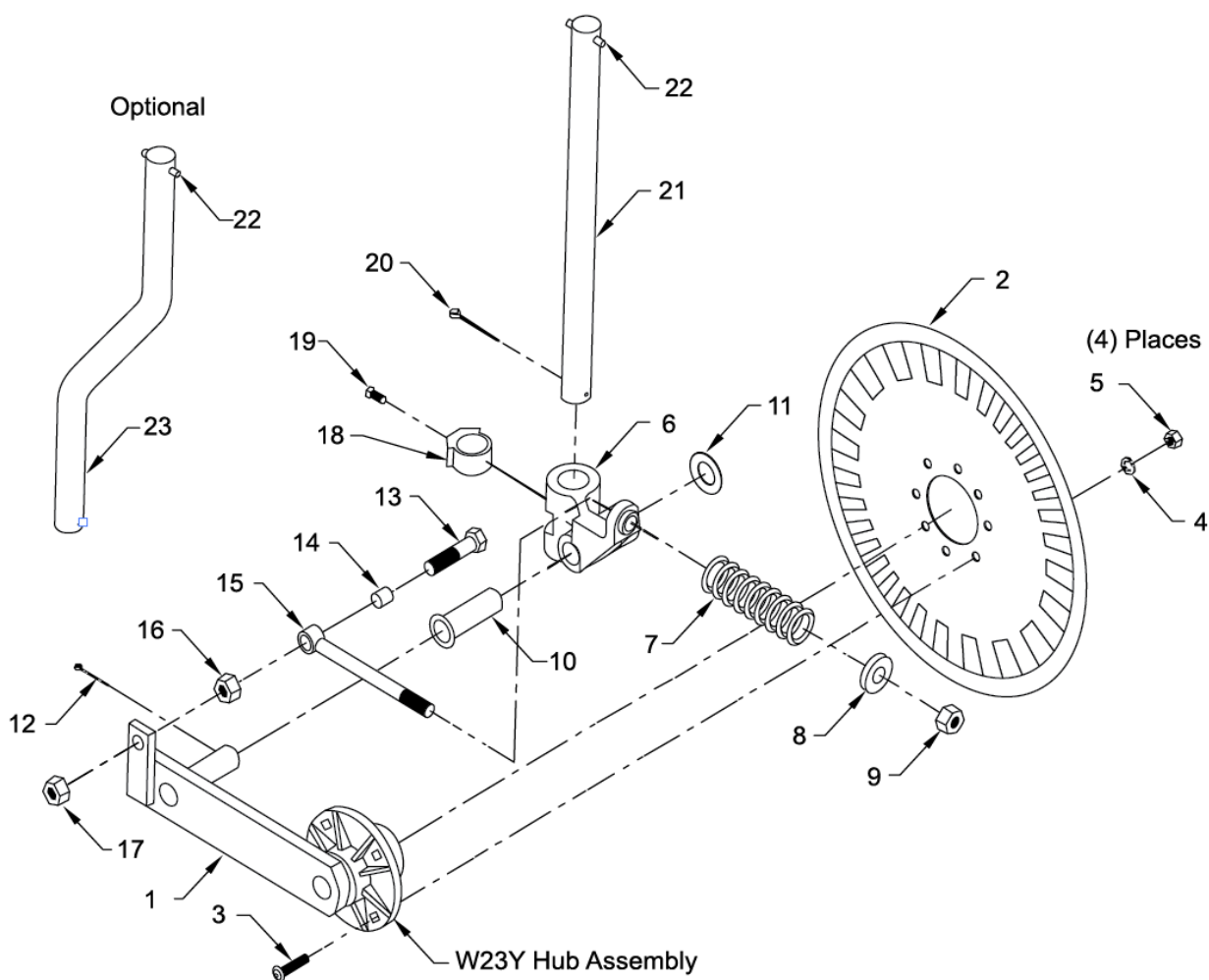
- (2) **N34104** CLAMP PLATE
- (2) **N368** DRILLED CAST CLAMP
- (2) **FBS1004** ZINC PLATED 5/8-11 x 1" SET BOLT
- (4) **FWL08** ZINC PLATED 1/2" SPLIT LOCK WASHER
- (4) **FNH08** ZINC PLATED 1/2-13 HEX NUT ZINC PLATED
- (4) **FBH0832** ZINC PLATED 1/2-13 x 8" GR. 5 BOLT

WT. 13#

N-341 CLAMP ASSEMBLY OPTIONS - Continued

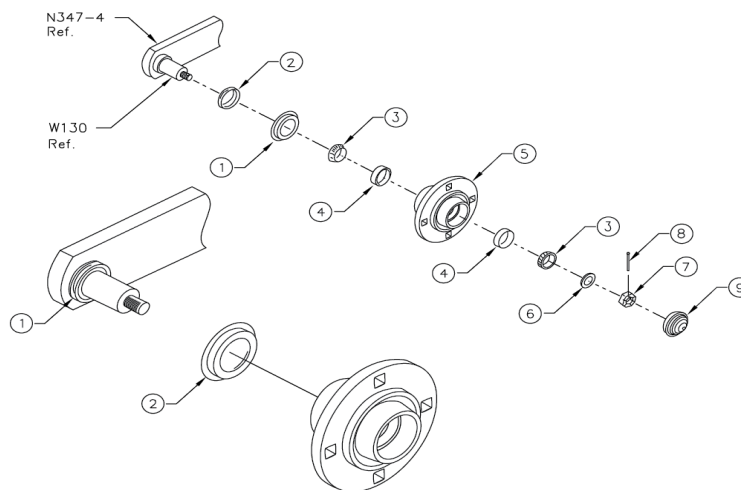
 <p>N-341Y-46 (4x6)</p>	<p>N341Y-46 COULTER CLAMP for 4 X 6 BAR</p> <p>N-368 Cast Clamp Shown</p>	<p>Includes:</p> <ul style="list-style-type: none"> (2) <u>N34104</u> CLAMP PLATE (2) <u>N368</u> DRILLED CAST CLAMP (2) <u>FBS1004</u> ZINC PLATED 5/8-11 x 1" SET BOLT (4) <u>FWL08</u> ZINC PLATED 1/2" SPLIT LOCK WASHER (4) <u>FNH08</u> ZINC PLATED 1/2-13 HEX NUT ZINC PLATED (4) <u>FBH0840</u> ZINC PLATED 1/2-13 x 10" GR. 5 BOLT <p style="text-align: right;">WT. 13#</p>
 <p>N-341Y-53 (5x3)</p>	<p>N341Y-53 COULTER CLAMP for 5 X 3 BAR</p> <p>N-368 Cast Clamp Shown</p>	<p>Includes:</p> <ul style="list-style-type: none"> (2) <u>N34105</u> CLAMP PLATE (2) <u>N368</u> DRILLED CAST CLAMP (2) <u>FBS1004</u> ZINC PLATED 5/8-11 x 1" SET BOLT (4) <u>FWL08</u> ZINC PLATED 1/2" SPLIT LOCK WASHER (4) <u>FNH08</u> ZINC PLATED 1/2-13 HEX NUT ZINC PLATED (4) <u>FBH0828</u> ZINC PLATED 1/2-13 x 7" GR. 5 BOLT <p style="text-align: right;">WT. 13.5#</p>
 <p>N-341Y-57 (5x7)</p>	<p>N341Y-57 COULTER CLAMP for 5 X 7 BAR</p> <p>N-368 Cast Clamp Shown</p>	<p>Includes:</p> <ul style="list-style-type: none"> (2) <u>N34105</u> CLAMP PLATE (2) <u>N368</u> DRILLED CAST CLAMP (2) <u>FBS1004</u> ZINC PLATED 5/8-11 x 1" SET BOLT (4) <u>FWL08</u> ZINC PLATED 1/2" SPLIT LOCK WASHER (4) <u>FNH08</u> ZINC PLATED 1/2-13 HEX NUT ZINC PLATED (4) <u>FBH0844</u> ZINC PLATED 1/2-13 x 11" GR. 5 BOLT <p style="text-align: right;">WT. 14.5#</p>
 <p>N-341Y-64 (6x4)</p>	<p>N341Y-64 COULTER CLAMP for 6 X 4 BAR</p> <p>N-368 Cast Clamp Shown</p>	<p>Includes:</p> <ul style="list-style-type: none"> (2) <u>N34106</u> CLAMP PLATE (2) <u>N368</u> DRILLED CAST CLAMP (2) <u>FBS1004</u> ZINC PLATED 5/8-11 x 1" SET BOLT (4) <u>FWL08</u> ZINC PLATED 1/2" SPLIT LOCK WASHER (4) <u>FNH08</u> ZINC PLATED 1/2-13 HEX NUT ZINC PLATED (4) <u>FBH0832</u> ZINC PLATED 1/2-13 x 8" GR. 5 BOLT <p style="text-align: right;">WT. 15#</p>
 <p>N-341Y-66 (6x6)</p>	<p>N341Y-66 COULTER CLAMP for 6 X 6 BAR</p> <p>N-368 Cast Clamp Shown</p>	<p>Includes:</p> <ul style="list-style-type: none"> (2) <u>N34106</u> CLAMP PLATE (2) <u>N368</u> DRILLED CAST CLAMP (2) <u>FBS1004</u> ZINC PLATED 5/8-11 x 1" SET BOLT (4) <u>FWL08</u> ZINC PLATED 1/2" SPLIT LOCK WASHER (4) <u>FNH08</u> ZINC PLATED 1/2-13 HEX NUT ZINC PLATED (4) <u>FBH0840</u> ZINC PLATED 1/2-13 x 10" GR. 5 BOLT <p style="text-align: right;">WT. 15#</p>
 <p>N-341Y-75 (7x5)</p>	<p>N341Y-75 COULTER CLAMP for 7 X 5 BAR</p> <p>N-368 Cast Clamp Shown</p>	<p>Includes:</p> <ul style="list-style-type: none"> (2) <u>N34107</u> CLAMP PLATE (2) <u>N368</u> DRILLED CAST CLAMP (2) <u>FBS1004</u> ZINC PLATED 5/8-11 x 1" SET BOLT (4) <u>FWL08</u> ZINC PLATED 1/2" SPLIT LOCK WASHER (4) <u>FNH08</u> ZINC PLATED 1/2-13 HEX NUT ZINC PLATED (4) <u>FBH0836</u> ZINC PLATED 1/2-13 x 9" GR. 5 BOLT <p style="text-align: right;">WT. 16.5#</p>
 <p>N-341Y-77 (7x7)</p>	<p>N341Y-77 COULTER CLAMP for 7 X 7 BAR</p> <p>N-368 Cast Clamp Shown</p>	<p>Includes:</p> <ul style="list-style-type: none"> (2) <u>N34107</u> CLAMP PLATE (2) <u>N368</u> DRILLED CAST CLAMP (2) <u>FBS1004</u> ZINC PLATED 5/8-11 x 1" SET BOLT (4) <u>FWL08</u> ZINC PLATED 1/2" SPLIT LOCK WASHER (4) <u>FNH08</u> ZINC PLATED 1/2-13 HEX NUT ZINC PLATED (4) <u>FBH0844</u> ZINC PLATED 1/2-13 x 11" GR. 5 BOLT <p style="text-align: right;">WT. 17#</p>
<div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p style="text-align: center;">N-368 CAST CLAMP</p>		<p style="text-align: center; font-size: 2em; color: orange;">CLAMP ASSEMBLY</p>

20" COULTER BLADES (ON-HAND)			
	N342 20" x 4.5mm RIPPLE BLADE	Includes: (1) 20" x 4.5mm RIPPLE COULTER BLADE Blade Only	WT. 14.7#
	N342-R5 20" x 5.0 mm RIPPLE BLADE	Includes: (1) 20" x 5.0mm RIPPLE COULTER BLADE Blade Only	NEW WT. 16#
	N342-SE 20" x 4.0mm SMOOTH EDGE RIPPLE BLADE	Includes: (1) 20" x 4.0mm SMOOTH EDGE RIPPLE COULTER BLADE Blade Only	WT. 12.8#
	N342-P 20" x 4.0mm PLAIN BLADE	Includes: (1) 20" x 4.0mm PLAIN COULTER BLADE Blade only	WT. 10.4#
17" COULTER BLADES (ON-HAND)			
	N339-R 17" x 4.5mm RIPPLE BLADE	Includes: (1) 17" x 4.5mm RIPPLE COULTER BLADE Blade Only	WT. 9.7#
COULTER BLADES (ORDER ONLY)			
	N342-N 20" x 4.5mm NOTCHED BLADE	Includes: (1) 20" x 4.5mm NOTCHED COULTER BLADE Blade only	WT. 12.6#
	N342-W 20" x 4.5mm WAVY BLADE	Includes: (1) 20" x 4.5mm WAVY COULTER BLADE Blade only	WT. 14.4#
	N352-P 24" x 4.5mm PLAIN BLADE	Includes: (1) 24" x 4.5" PLAIN COULTER BLADE Blade Only	WT. 12.8#
	N338 18" x 3.5mm NOTCHED DISK BLADE	Includes: (1) 18" x 3.5mm NOTCHED DISK BLADE Blade Only	WT. 8.6#



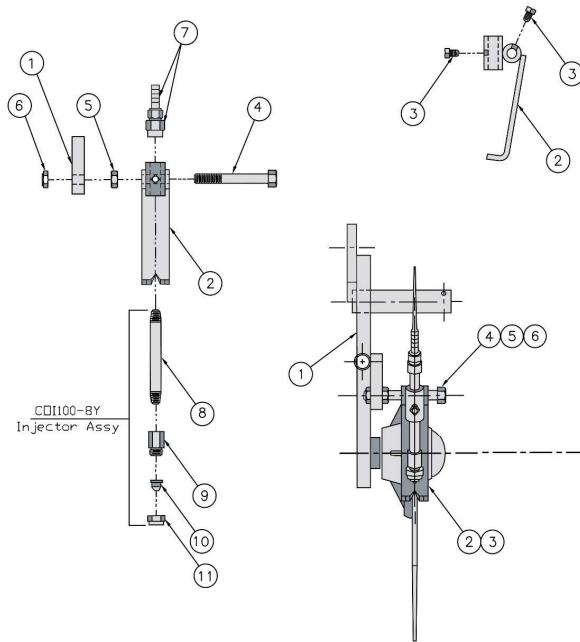
N347Y SPRING CUSHIONS COULTTER STRAIGHT SHAFT/ N348 OFFSET SHAFT

Item	PART NO.	DESCRIPTION
1	N347-47	SWING ARM with HUB ASSY.
*	N-347-4	SWING ARM (WELDED ASSY.)
*	W23Y	HUB ASSY.
	includes: (W23-K, (2) W32 & W50)	
*	W130	1-5/8" X 4-5/16" SPINDLE
*	W130Y	SPINDLE ASSEMBLY
	includes: (W130, W70, W60 & FPC497)	
2	N342	20" RIPPLED COULTER BLADE
3	FBC0806	1/2" X 1-1/2" CARRIAGE BOLT
4	FWL08	1/2" LOCK WASHER
5	FNH08	1/2" HEX NUT
6	N347-1	HINGE CASTING
7	S233	COULTER SPRING
8	N347-3	SPRING BUSHING CASTING
9	FNL12	3/4" LOCK NUT
10	N347-6	FLANGED BUSHING
11	FWM18	1-1/4" X 1/8" MACHINE BUSHING
12	FPC505	1/4" X 2" COTTER PIN
13	FBH1212-NF	3/4" X 3" HEX BOLT (fine thread)
14	N347-7	NYLON BUSHING
15	N347-5	SPRING ROD
16	FNH12-NF	3/4" HEX NUT (fine thread)
17	FNL12-NF	3/4" LOCK NUT (fine thread)
18	N347-2	LOCKING COLLAR
19	FBS1004	5/8" X 1" SET BOLT
20	FPC510	5/16" X 3" COTTER PIN
21	N343	1-1/2" X 22" STRAIGHT SHAFT
22	FPR0612	3/8" X 2-1/2" ROLL PIN
23	N345	1-1/2" X 22" OFFSET SHAFT (optional)



W23Y 4-BOLT HUB ASSEMBLY

	PART NO.	DESCRIPTION
*	W40-2	GREASE SEAL (2-PIECE AFTER 2001)
1	W40-2A	METAL BACKER PLATE
2	W40-2B	RUBBER SEAL
*	W40	GREASE SEAL (1 PIECE BEFORE 2001)
3	W32	BEARING (LM-67048)
4	W38	RACE (LM-67010)
5	W23	COULTER HUB (WITHOUT RACES)
*	W23-K (W/ RACES)	COULTER HUB (WITH RACES)
6	W70	5/8" THRUST WASHER
7	W60	5/8" SPINDLE NUT
8	FPC497	1/8" X 1 1/4" COTTER PIN
9	W50	HUB CAP



Coulter Injection Assembly



Coulter Injector Assembly

Key	Description	Qty.
1	Coulter Swing Arm	1
2	Rock Guard	1
3	3/8" Set Screw x 1/2" LG	2
4	1/2" Hex Bolt x 4" Lg	1
5	1/2" Hex Jam Nut	1
6	1/2" Hex Jam Lock Nut	1
7	SS Check Valve	1
8	SS Nipple 1/4" NPT x 5" Lg	1
9	SS Nozzle Body	1
10	SS Tip	1
11	SS Nozzle Cap	1

N230 DOUBLE DISK SEALER WITH 18" NOTCHED BLADES

N230Y-18ND

DOUBLE DISK SEALER WITH 18" NOTCHED DISK BLADES
with FBU655 U-BOLTS for 1" x 2" ANHYDROUS SHANK



Cast bronze bushings at pivot points.

N230Y-18ND Double Disk Sealer

SIDE-DRESS

N230HDY-18ND

HEAVY DUTY DOUBLE DISK SEALER WITH 18" NOTCHED DISK BLADES
with FBU655 U-BOLTS for 1" x 2" ANHYDROUS SHANK



Tapered bearings at pivot points.

N230HDY-18ND Double Disk Sealer

SIDE-DRESS
Heavy Duty

N2302Y-18ND

REAR MOUNT DOUBLE DISK SEALER WITH 18" NOTCHED DISK BLADES
with FBU655 U-BOLTS for 1" x 2" ANHYDROUS SHANK



Cast bronze bushings at pivot points
Mounts to shank with (3) 1/2" U-Bolts

N2302Y-18ND Double Disk Sealer

Rear Mount

N2302HDY-18ND

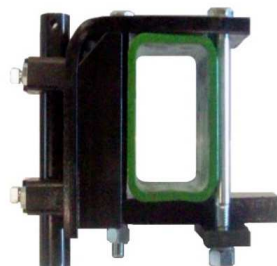
REAR MOUNT, HEAVY DUTY DOUBLE DISK SEALER WITH 18" NOTCHED DISK BLADES
with FBU655 U-BOLTS for 1" x 2" ANHYDROUS SHANK



Tapered bearings at pivot points
Mounts to shank with (3) 1/2" U-Bolts

N2302HDY-18ND Double Disk Sealer

Rear Mount
Heavy Duty



Mounts to 1" x 2"
Applicator Shanks

**New Option: Coulter Anhydrous Shank
Clamp Assembly - Call for Pricing**

N230 DOUBLE DISK SEALER WITH 18" NOTCHED BLADES

 <p>Double Disk Sealer</p>	<p>N2302HDY-18ND1U REAR MOUNT HEAVY DUTY DOUBLE DISK SEALER with 18" NOTCHED DISK BLADES with FBU653 U-BOLT for 1-1/4" x 2" EDGE-ON ANHYDROUS SHANK</p> <p>REAR MOUNT HEAVY-DUTY</p> <p>Tapered Bearings at pivot points</p>
 <p>Double Disk Sealer</p>	<p>N230Y-18ND2U SIDE-DRESS DOUBLE DISK SEALER with 18" NOTCHED DISK BLADES with U-BOLTS for 1"x 2" & 1-1/4" x 2" EDGE-ON ANHYDROUS SHANK</p> <p>SIDE-DRESS</p> <p>Cast bronze bushings at pivot points</p>
 <p>Double Disk Sealer</p>	<p>N2302Y-18ND2U REAR MOUNT DOUBLE DISK SEALER with 18" NOTCHED DISK BLADES with U-BOLTS for 1"x 2" & 1-1/4" x 2" EDGE-ON ANHYDROUS SHANK</p> <p>Rear Mount</p> <p>Cast bronze bushings at pivot points Mounts to shank with (3) 1/2" U-Bolts</p>



- Heavy-duty with minimal maintenance
- Bronze bushings at pivot points
- Quality laser cut parts
- Sealed hub prevents water from getting into bearings
- Easily mounts on most toolbars
- Multiple adjustments for angle and width



N230Y-18ND Double Disk Sealer

N2302Y-18ND Rear Mount Double Disk Sealer

Clark Agricultural Equipment – Featuring Clymer Coulters

Coulter Assemblies and Coulter Blades



Clark Agricultural Division of Clymer Coulter Enterprises has grown into an international supplier of quality commercial fertilizer application including:

- Nitrogen fertilizer injection systems
- Liquid fertilizer injectors
- Coulter assembly parts - side-dress and utility
- Disc sealers and notched disc blades
- Replacement coulters blades
- Coulter blades: Smooth-Edge-Ripple, Ripple, Wavy, Plain
- Coulter knife assemblies
- Farm implement clamps for any manufacturer's agricultural implement or farm toolbar
- Sealed hub assemblies to prevent water & fertilizer from getting into bearings

Assembled in America, Heavy-duty spring loaded stream injection systems for coulters blades make commercial fertilizer application reliable planting season after planting season.



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Featuring:

