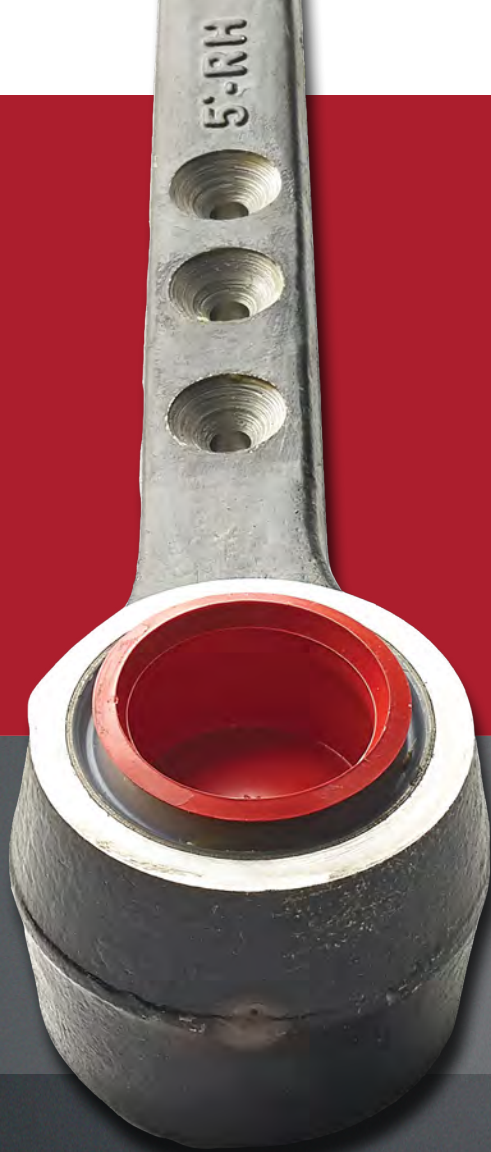


Knife Assembly Quick Reference Guide



An easy to follow guide to help you determine your **knife assemblies**



**Keep your MacDon at peak performance
with MacDon Performance Parts!**

**Insist on MacDon Performance Parts
for your MacDon built equipment**



Use the MacDon Parts Knife Assembly Guide to know what to order when it is time to replace your knife assemblies on your MacDon header.

DISCOVER:

- ✓ *The questions to ask when looking to replace a knife assembly*
- ✓ *The correct part numbers specific for your header*
- ✓ *Easy, simple to use guides*

Demand the best for your harvest.

Have a question? PerformanceParts@MacDon.com

Knife Assembly Quick Reference Guide

Quality knife assemblies for your harvest header

MacDon Performance Parts recognizes the need for long-lasting, high performance knife assembly. Use this guide to reference which parts make up a single knife drive or double knife drive.

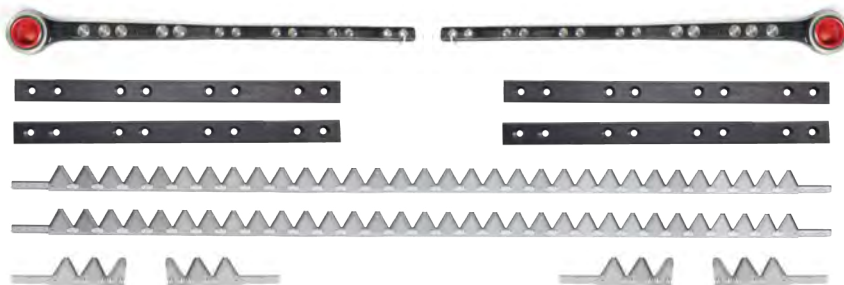
MacDon knife assemblies

Single knife assembly



Hardware not included

Double knife assembly

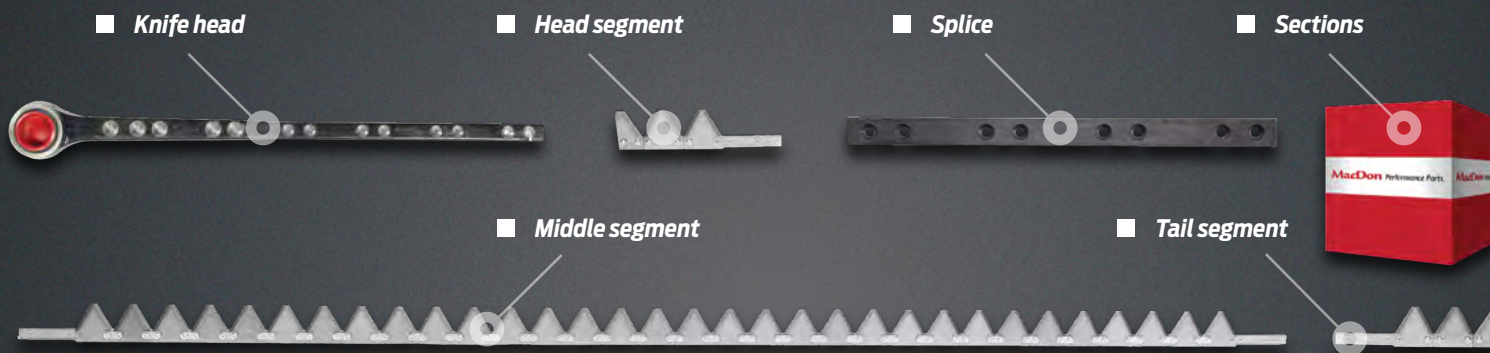


Hardware not included

Get familiar with MacDon knife assemblies

MacDon Performance Parts understands the importance of being able to clearly identify the correct part to be replaced on your MacDon. The guide below consists of the parts which together create a knife assembly. Use this guide to reference which parts are required when replacing either your entire knife assembly or specific parts.

MACDON KNIFE ASSEMBLY COMPONENTS



Hardware not included

Knife Assembly Quick Reference Guide

Convenient knife replacement

MacDon Knife Assembly Kits offers a convenient way for our customers to replace the complete knife on the header with one single package. Each kit contains all necessary knife segments, splice kits, and sections required for a complete replacement.

Refer to the table below to find the kit that suits you most.

MacDon knife assembly kits - 2 series

SINGLE KNIFE DRIVE	
Description	Part #
25 foot, single knife, coarse	286597
30 foot, single knife, coarse	286598
35 foot, single knife, coarse	286599
40 foot, single knife, coarse	286600

DOUBLE KNIFE DRIVE	
Description	Part #
25 foot, double knife, coarse	286602
30 foot, double knife, coarse	286885
35 foot, double knife, coarse	286886
40 foot, double knife, coarse	286887
41 foot, double knife, coarse	286888
45 foot, double knife, coarse	286889
50 foot, double knife, coarse	286890

Note: Knife heads are sold separately. Please refer to the reference guide in page 14 to find the correct knife head for your MacDon header.

MacDon knife assembly kits - 1 series and prior

SINGLE KNIFE DRIVE				
Description	Part #			MacDon Models
	Coarse	Fine	Ultra-Coarse	
20 foot, single knife	-	335488	-	D50, D60, D65, D1
25 foot, single knife	-	335489	335513	D50, D60, D65, D1, FD1
30 foot, single knife	294795	335490	335514	D50, D60, FD70, D65, FD75, D1, D1XL, FD1
35 foot, single knife	294796	335491	335515	D50, D60, FD70, D65, FD75, D1, D1XL, FD1
40 foot, single knife	294797	335492	335516	D50, D60, FD70, D65, FD75, D1, D1XL, FD1

DOUBLE KNIFE DRIVE				
Description	Part #			MacDon Models
	Coarse	Fine	Ultra-Coarse	
20 foot, double knife	-	335479	-	D50, D60, D65, D1
25 foot, double knife	-	335483	335508	D50, D60, D65, D1
30 foot, double knife	294791	335484	335509	D50, D60, D65, D1, D1XL
35 foot, double knife	294792	335485	335510	D50, D60, D65, D1, D1XL
40 foot, double knife	294793	335486	335511	D50, D60, FD70, D65, FD75, D1, D1XL, FD1
45 foot, double knife	294794	335487	335512	D50, D60, FD70, D65, FD75, D1, D1XL, FD1

Note: Knife heads are sold separately. Please refer to the reference guide in page 14 to find the correct knife head for your MacDon header.

Knife Assembly Quick Reference Guide

Find your knife assembly

To help our customers select the proper replacement for their MacDon Knife Assembly, MacDon Performance Parts has created 6 easy steps to gather the necessary information so replacing your knife assembly with the proper parts is easy.

Follow these steps through the Knife Assembly Guide for an easy to follow reference guide.

Use the MacDon knife assembly guide to ensure an easy to follow process when replacing knife assemblies!

6 Steps for choosing the right knife assembly

1. Assembly

Single Knife or Double Knife Assembly?



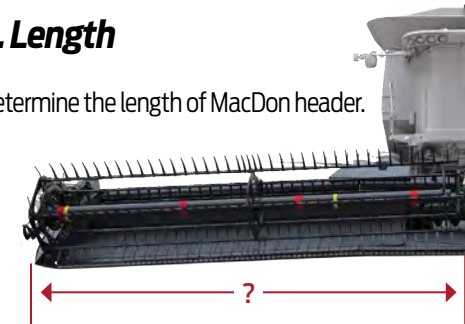
2. MacDon model

Select from the MacDon model lineup.



3. Length

Determine the length of MacDon header.



4. Side (only if double knife)

For double knife assemblies, determine if left hand or right hand assembly is being replaced.

Remember to order the Necessary splice kits.



5. Knife head + Splices

Remember to order Knife heads and splices (see last page).



6. Box of sections

Order a box of Sections that fits your needs.

Coarse - 279641
Crops: Wheat, Soybeans, Canola, Cereals and Pulses

Fine - 279642
Crops: Forage, Grasses, Flax and Lentils

Ultra Coarse - 294947
Crops: Thicker stemmed crops and adverse soybean conditions



*Remember to order hardware

Order process example

Use the example below to see how to use the 6 step guide to help select your MacDon knife assembly parts. Each listed number corresponds with the related step, showing you exactly where you need to look on the guide to help you select your knife assembly parts.

Example: This example shows the process for ordering a knife assembly for a Double knife FD75 that is 45' in length with Ultra-Coarse sections, both left and right hand sides.

1

SEGMENTED DOUBLE KNIFE ASSEMBLY REFERENCE GUIDE

These Columns show the Part #'s for the New Segmented Knives and the quantities required to make one complete assembly

	Left-hand Knife Assembly										Right-hand Knife Assembly						Section (Pack of 25)										
	Head Seg	Center Seg	DK Tail				Splice*	DK Tail				Center Seg	Head Seg	Splice*													
Fine	279398	279399	170740	170819	279985	170821	279413	279415	279417	279419	279421	279423	129043	279986	279987	279989	279416	279418	279420	279422	279424	279399	170740	279412	129043	279642	
Coarse	279405	279406	170834	170836	279995	170837	279425	279427	279430	279431	279434	279436	129043	170839	170840	170841	279429	279432	279433	279435	279437	279406	170834	279428	129043	279641	
Ultra Coarse	335533	335534					335525	335526	335529	335527	335528	129043				335520	335522	335523	335519	335521	335534		335537	129043		294947	
D/FD:																											
20'	1						1																				
25'	1							1									1										
30'	1								1																		
35'	1									1																	
40'	1										1																
45'	1	1									1	2								1	1			1	2	1	
Draper Headers 972 Harvest Header																											
21'	1			1								1				1							1	1		1	
25'	1				1							1		1									1	1		1	
30'	1					1						1		1									1	1		1	
36'	1		1	1								2			1							1	1	2		1	

2 (Arrows pointing to Ultra-Coarse parts for 45' D/FD)

3 (Arrows pointing to Ultra-Coarse parts for 45' Draper Header)

4 (Arrows pointing to Splice parts for 45' D/FD)

5 (Arrows pointing to Splice parts for 45' Draper Header)

6 (Arrows pointing to Ultra-Coarse parts for 45' D/FD)

1. Double knife FD75 that is 45' in length with Ultra-Coarse sections, both left and right hand sides.
2. Double knife **FD75** that is 45' in length with Ultra-Coarse sections, both left and right hand sides.
3. Double knife FD75 that is **45' in length** with Ultra-Coarse sections, both left and right hand sides.
4. If you are replacing a double knife assembly, **are you replacing left side, right side, or both.**
5. Select the necessary parts that are required to replace your entire knife assembly (**knife heads and splices**)
6. Double knife FD75 that is 45' in length with **Ultra-Coarse sections, both left and right hand sides.**

Knife Assembly Quick Reference Guide

2 series segmented knives

SEGMENTED DOUBLE KNIFE ASSEMBLY REFERENCE GUIDE																		
These Columns show the Part #'s for the New Segmented Knives and the quantities required to make one complete assembly																		
	Left-hand Knife Assembly							Right-hand Knife Assembly							Section (Pack of 25)			
	Head Seg	Center Seg	DK Tail				Splice*	DK Tail	Center Seg	Head Seg	Splice*							
Coarse	286562	286564	286565	286573	286574	286575	286576	286578	286493	286865	286866	286867	286868	286565	286564	286563	286493	286461
25'	1			1					1	1					1	1	1	1
30'	1				1				1		1				1	1	1	1
35'	1					1			1	1				1	1	2	1	1
40'	1		1		1				2		1			1	1	2	1	1
41'	1		1				1		2		1			1	1	2	1	1
45'	1		1			1			2			1		1	1	2	1	1
50'	1	1						1	2				1	1	1	2	1	1

SEGMENTED SINGLE KNIFE ASSEMBLY REFERENCE GUIDE							
						Section (Pack of 25)	
	Head Seg	Center Seg		SK Tail	Splice*		
Coarse	286562	286564	286565	286566	286567	286493	286461
25'	1	1		1		2	1
30'	1	1	1	1		3	1
35'	1	2			1	3	1
40'	1	2	1		1	4	1

*Splice includes installation hardware

1 series and prior segmented knives




SEGMENTED DOUBLE KNIFE ASSEMBLY REFERENCE GUIDE																											
These Columns show the Part #'s for the New Segmented Knives and the quantities required to make one complete assembly																											
	Left-hand Knife Assembly										Right-hand Knife Assembly						Section (Pack of 25)										
	Head Seg	Center Seg	DK Tail					Splice*	DK Tail					Center Seg	Head Seg	Splice*											
Fine	279398	279399	170740	170819	279985	170821	279413	279415	279417	279419	279421	279423	129043	279986	279987	279989	279416	279418	279420	279422	279424	279399	170740	279414	279412	129043	279642
Coarse	279405	279406	170834	170836	279995	170837	279425	279427	279430	279431	279434	279436	129043	170839	170840	170841	279429	279432	279433	279435	279437	279406	170834	279426	279428	129043	279641
Ultra Coarse**	335533	335534	-	-	-	-	-	335525	335526	335529	335527	335528	129043	-	-	-	335520	335522	335523	335519	335521	335534	-	-	335532	129043	294947
D/FD:																											
20'	1					1							1										1		1	1	1
25'	1							1					1			1								1	1	1	1
30'	1								1				1				1							1	1	1	1
35'	1									1			1				1							1	1	1	1
40'	1	1									1		2					1		1				1	2	1	1
45'	1	1										1	2							1	1			1	2	1	1
Draper Headers 972 Harvest Header																											
21'	1			1									1			1								1	1	1	1
25'	1				1								1	1										1	1	1	1
30'	1					1							1		1									1	1	1	1
36'	1		1	1									2			1						1		1	2	1	1

Note: 20' Non-segmented RH knife assemblies for D/FD can be ordered as 279414 for a Fine assembly and 279426 for a Coarse assembly.

*Splice includes installation hardware

**Ultra Coarse is not available for all header widths

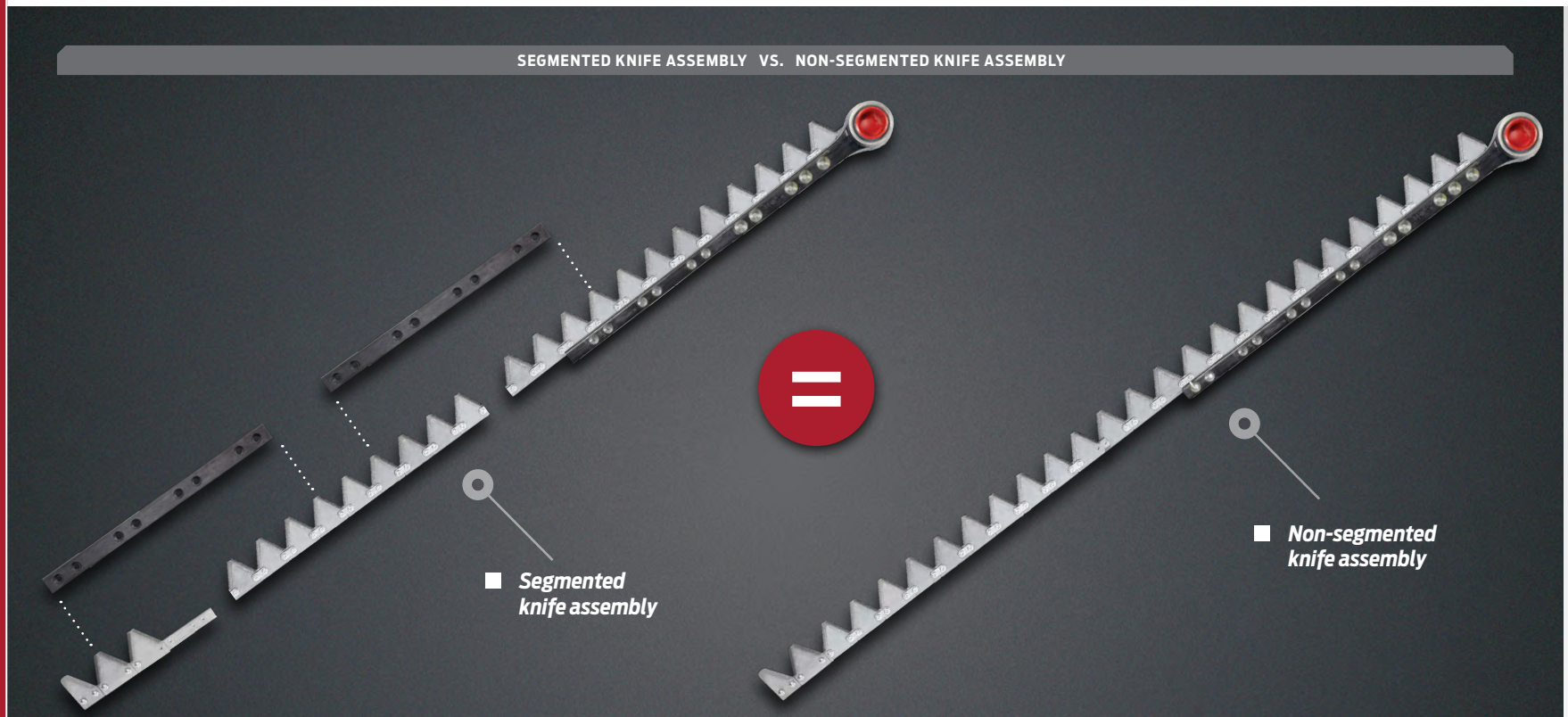
Knife Assembly Quick Reference Guide

SEGMENTED SINGLE KNIFE ASSEMBLY REFERENCE GUIDE																
Knife Assemblies by Header Model & Size		These Columns show the Part #'s for the New Segmented Knives and the quantities required to make one complete assembly														
														 Splice*	 Section (Pack of 25)	
		Head Seg	Center Seg	SK Tail										Splice*	Section (Pack of 25)	
Fine		279398	279399	170789	179791	279402	170805	170807	279984	279401	170809	279400	279404	279403	129043	279642
Coarse		279405	279406	170835	-	279409	-	170843	279994	279408	170844	279407	279411	279410	129043	279641
Ultra-Coarse**		335533	335534	-	-	335536	-	-	-	335535	-	-	335530	335531	129043	294947
Draper Headers		D/FD - 974 Flexdraper - 972 / 973 HH - 960 / 962 / 963 HH - 3000 / 3020 PT														
20'	Fine (14/in), Coarse (9/in) & Ultra-Coarse (4/in)	1	1									1			2	1
21'		1	1	1											2	1
25'		1	1								1				2	1
30'		1	2			1									3	1
35'		1	2											1	3	1
36'		1	3						1						4	1
39'		1	3	1											4	1
40'		1	3										1		4	1
Auger Headers		910 / 912 (Fine Recommended)														
12'	Fine (14/in)	1				1									1	1
14'		1					1								1	1
16'		1							1						1	1
Mower Conditioner		4000 (Fine Recommended)														
9'	Fine (14/in)	1			1										1	1
5000 / 5010 / 5020		(Fine Recommended)														
12'	Fine (14/in)	1				1									1	1
14'		1					1								1	1
16'		1							1						1	1
A30/40																
14'	Fine (14/in) & Coarse (9/in)	1													1	1
16'		1							1						1	1

Same outstanding quality and durability

MacDon Segmented and Non-segmented knife assemblies are built to the same demanding specifications. All MacDon Segmented knife assemblies utilize precision machining and high strength carbon steel splice bars to ensure equivalent durability, longevity and impact resistance as production Non-segmented knives.

Have confidence ordering MacDon Segmented knives for your MacDon header.



Knife Assembly Quick Reference Guide

NON SEGMENTED KNIFE ASSEMBLY REFERENCE GUIDE

Non Segmented Sickle Knife Assemblies

	LH/RH	Fine /Coarse	Non-Segmented Knife
Draper Headers 972 Harvest Header			
12'	LH	F (14/in)	279929
	RH	F (14/in)	279938
12'	LH	C (9/in)	279946
	RH	C (9/in)	279953
15'	LH	F (14/in)	279931
	RH	F (14/in)	279939
15'	LH	C (9/in)	279947
	RH	C (9/in)	279954
18'	LH	F (14/in)	279993
	RH	F (14/in)	279941
18'	LH	C (9/in)	279948
	RH	C (9/in)	279955
D/FD:			
15'	LH	F (14/in)	279438
	RH	F (14/in)	279439
15'	LH	C (9/in)	279440
	RH	C (9/in)	279441

	LH/RH	Fine /Coarse	Non-Segmented Knife
Auger Headers 920 / 930 / 933 / 922			
14'	LH	F (14/in)	170786
	RH	F (14/in)	279939
16'	LH	F (14/in)	170788
	RH	F (14/in)	279940
18'	LH	F (14/in)	170790
	RH	F (14/in)	279941
A30/40			
14'	LH	F (14/in)	279438
	RH	F (14/in)	279439
	LH	C (9/in)	279440
	RH	C (9/in)	279441
16'	LH	F (14/in)	279438
	RH	F (14/in)	170671
	LH	C (9/in)	279440
	RH	C (9/in)	170670
18'	LH	F (14/in)	170669
	RH	F (14/in)	170671
	LH	C (9/in)	170668
	RH	C (9/in)	170670

Use this quick and easy guide for reference when replacing MacDon knife heads.

Simply find the MacDon model type and reference both header size and knife configuration in order to use the table to find the correct knife head.



LH/RH = Left hand/Right hand		SK/DK = Single Knife/Double Knife
FD2:		
ONE SIZE FITS ALL	226941 (Fits LH & RH)	
FD1/FD75/FD70:		
SK	1 x 132896	
DK	1 x 132896 (LH)	1 x 132897 (RH)
D50/D60/D65/D1:		
SK20/25	1 x 120832	
SK30/35	1 x 132896	
DK15/20/25	2 x 120832	
DK30>	1 x 132896 (LH)	1 x 132897 (RH)
973/974:		
ONE SIZE FITS ALL	1 x 153812 (Fits LH & RH)	
972:		
SK<20	1 x 120832	
SK30/36	1 x 153812	
DK<30	2 x 120832 (LH & RH)	
DK30/36	1 x 153812 (LH)	1 x 158962 (RH)
960:		
ONE SIZE FITS ALL	1 x 37835 (Fits LH & RH)	
910/920/930/932:		
SK	1 x 120832	
DK	1 x 120832 (LH)	1 x 120832 (RH)

Knife Assembly Quick Reference Guide

Additional quick reference knife parts

Find additional knife parts that are common wear items and essential to the maintenance of your MacDon knife assembly.

2 series

SICKLE SECTIONS

- 286461** - Standard Clearcut Coarse Section (25)
- 286462** - Standard Clearcut Fine Section (25)
- 286627** - Standard Clearcut Ultra Coarse Section (25)
- 286463** - Clearcut Coarse Top Countersunk Section (10)
- 286464** - Clearcut Coarse Bottom Countersunk Section (10)
- 286465** - Clearcut Fine Top Countersunk Section (10)
- 286466** - Clearcut Fine Bottom Countersunk Section (10)
- 286628** - Clearcut Ultra Coarse Top Countersunk Section (10)
- 286629** - Clearcut Ultra Coarse Bottom Countersunk Section (10)
- 226983** - End Sickle Section (Single)

HARDWARE

- 286475** - Standard Section Bolt 50 Pack, 18MM w/ Nuts
- 286476** - Knife Head Section Bolt - Short 25 Pack, 22MM w/ Nuts
- 286477** - Knife Head Section Bolt - Long 25 Pack, 29MM w/ Nuts
- 286478** - Center Overlap Section Bolt 25 Pack, 14MM w/ Nuts
- 286621** - Knife Splice Section Bolt 25 Pack, 22MM w/ Nuts
- 286481** - Knife Reinforcement Bar (Drive End) 25 Pack



OPTIONS

- 286473** - Center Overlap Coarse Section Kit
- 286474** - Center Overlap Fine Section Kit
- 286635** - Center Overlap Ultra Coarse Section Kit
- 286493** - Knife Splice/Repair Kit



Knife Assembly Quick Reference Guide

1 series and prior

SICKLE SECTIONS

- 279641** - Coarse Sickle Section, Pack of 25
- 279642** - Fine Sickle Section, Pack of 25
- 294947** - Ultra Coarse Sickle Section, Pack of 25
- 279314** - Coarse Top Countersunk Sickle Section, Pack of 10
- 279310** - Coarse Bottom Countersunk Sickle Section, Pack of 10
- 279316** - Fine Top Countersunk Sickle Section, Pack of 10
- 279312** - Fine Bottom Countersunk Sickle Section, Pack of 10
- 279468** - End Sickle Sections, Pack of 10



HARDWARE

- 135628** - Bolt, 0.67 in x 50 pack (Standard section bolt)
- 135626** - Nut, 50 pack (Standard section nut)
- 135630** - Bolt, 0.92 in x 50 pack (Splice bar bolt)
- 135632** - Bolt, 1.05 in x 50 pack (Long knife head bolt)
- 174165** - Bolt, 0.5 in x 50 pack (Countersunk bolt for overlap sections)
- 174857** - Reinforcement bar (Box of 25)

NUT & BOLT PACKAGES

- 52413** - Standard Section Bolt, 50 Pack 5/8" w/ Nuts
- 52414** - Long Knife Head Bolt, 25 Pack 11/8" w/ Nuts (Pre D/FD Series)
- 52415** - Bottom Countersunk Bolt for Auger Headers, 25 Pack 19/32" (Pre A Series)
- 52416** - Top Countersunk Bolt for Auger Headers, 25 Pack 1/2" (Pre A Series)
- 52417** - Long Knife Head Bolt, 25 Pack 1" w/ Nuts
- 52418** - Medium Knife Head Bolt, 25 Pack 7/8" w/ Nuts

OPTIONS

- 279996** - Center Overlap Fine Sickle Section Kit
- 279997** - Center Overlap Coarse Sickle Section Kit
- 335326** - Center Overlap Ultra Coarse Sickle Section Kit
- 129043** - Sickle Section Splice Kit (includes hardware)



Demand the best for your harvest...

Ask for MacDon Performance Parts at your local MacDon Dealer



MacDon.com

performanceparts@macdon.com