

# 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](mailto: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.

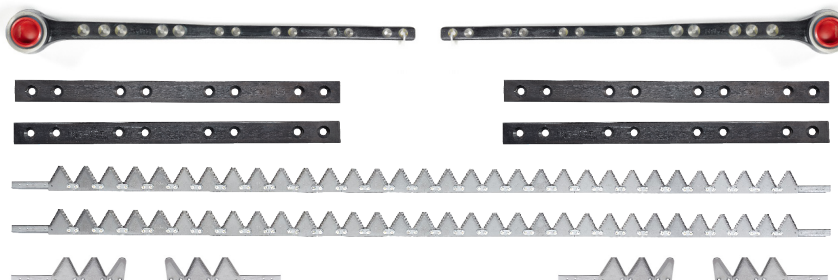
### MacDon knife assemblies

#### Single knife assembly



*Hardware  
not included*

#### Double knife assembly

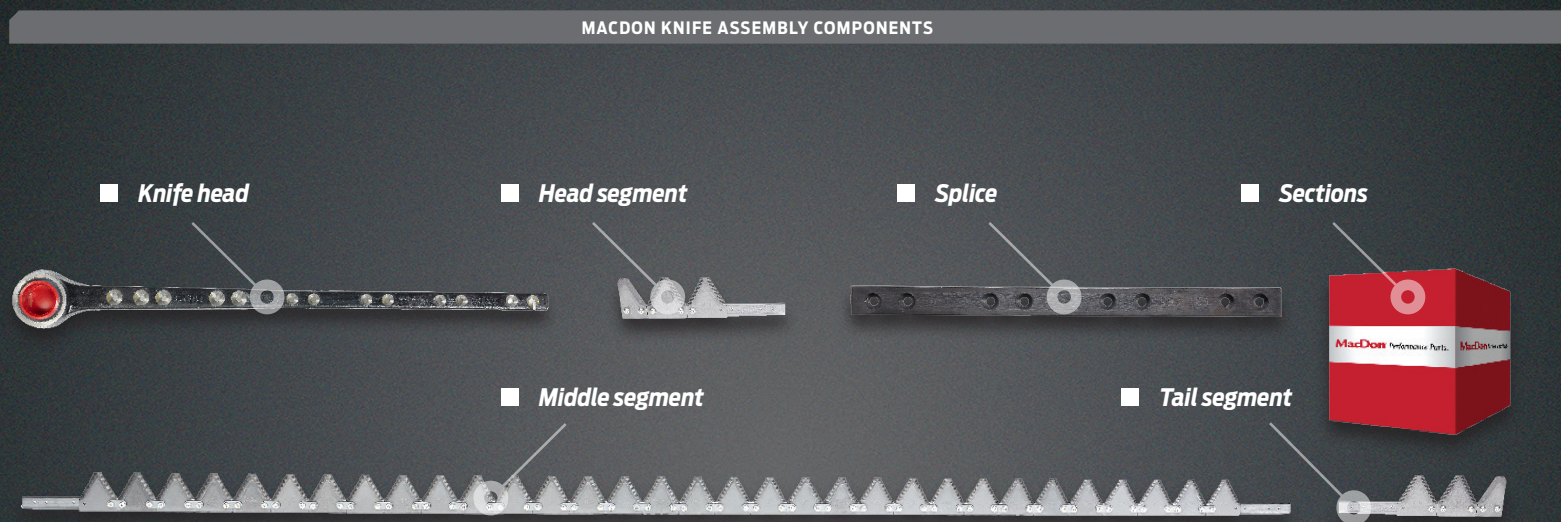


*Hardware  
not included*



## 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.



Hardware not included



# 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.

## 6 Steps for choosing the right knife assembly

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

### 1. Assembly

Single Knife or Double Knife Assembly?



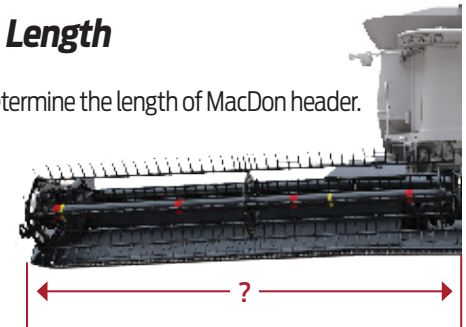
### 2. MacDon model

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 Coarse or Fine Sections.

**Coarse - 279641**

Crops: Wheat, Soybeans, Canola, Cereals and Pulses

**Fine - 279642**

Crops: Forage, Grasses, and Flax

*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 Coarse sections, both left and right hand sides.

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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

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Right hand Knife Assembly

	Head Seg	Center Seg	DK Tail										Splice	DK Tail										Center Seg	Head Seg	Splice	Section (Pack of 25)
<b>Fine</b>	129000	129002	129003	129013	129014	129015	165977	165979	165981	172307	172308	172309	129043	129017	129018	129019	172294	172295	172296	172297	172298	129002	129003	129021	129043	279642	
<b>Coarse</b>	129024	129026	129027	129032	129033	129034	165978	165980	165982	172310	172311	172312	129043	129036	129037	129038	172299	172300	172301	172302	172303	129026	129027	129040	129043	279641	
<b>D/FD:</b>																											
20'								1										1									
25'								1																			
30'									1											1							
35'										1											1						
40'											1						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

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1. Double knife FD75 that is 45' in length with Coarse sections, both left and right hand sides.
2. Double knife **FD75** that is 45' in length with Coarse sections, both left and right hand sides.
3. Double knife FD75 that is **45' in length** with 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 **Coarse sections, both left and right hand sides.**
7. **Select required knife heads** from table on page 11.






# Knife Assembly Quick Reference Guide

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*						
<b>Fine</b>	129000	129002	129003	129013	129014	129015	165977	165979	165981	172307	172308	172309	129043	129017	129018	129019	172294	172295	172296	172297	172298	129002	129003	129021	129043	279642
<b>Coarse</b>	129024	129026	129027	129032	129033	129034	165978	165980	165982	172310	172311	172312	129043	129036	129037	129038	172299	172300	172301	172302	172303	129026	129027	129040	129043	279641
D/FD:																										
20'	1						1						1											1	1	
25'	1							1					1					1					1	1	1	
30'	1								1				1							1			1	1	1	
35'	1											1	1							1			1	1	1	
40'	1	1								1			2			1					1		1	2	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	

\*Splice includes installation hardware

**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.

## 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																
																		
		Head Seg	Center Seg	SK Tail											Splice*	Section (Pack of 25)		
	Fine	129000	129002	129004	129005	129006	129007	129008	129010	279401	129012	172210	279404	279403	129043	279642		
	Coarse	129024	129026	129028		129029		129987	129030	129031	129988	172253	172254	172255	129043	279641		
Draper Headers		D/FD - 974 Flexdraper - 972 / 973 HH - 960 / 962 / 963 HH - 3000 / 3020 PT																
20'	Fine (14/in) & Coarse (9/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	1		
16'		1						1							1	1		

\*Splice includes installation hardware

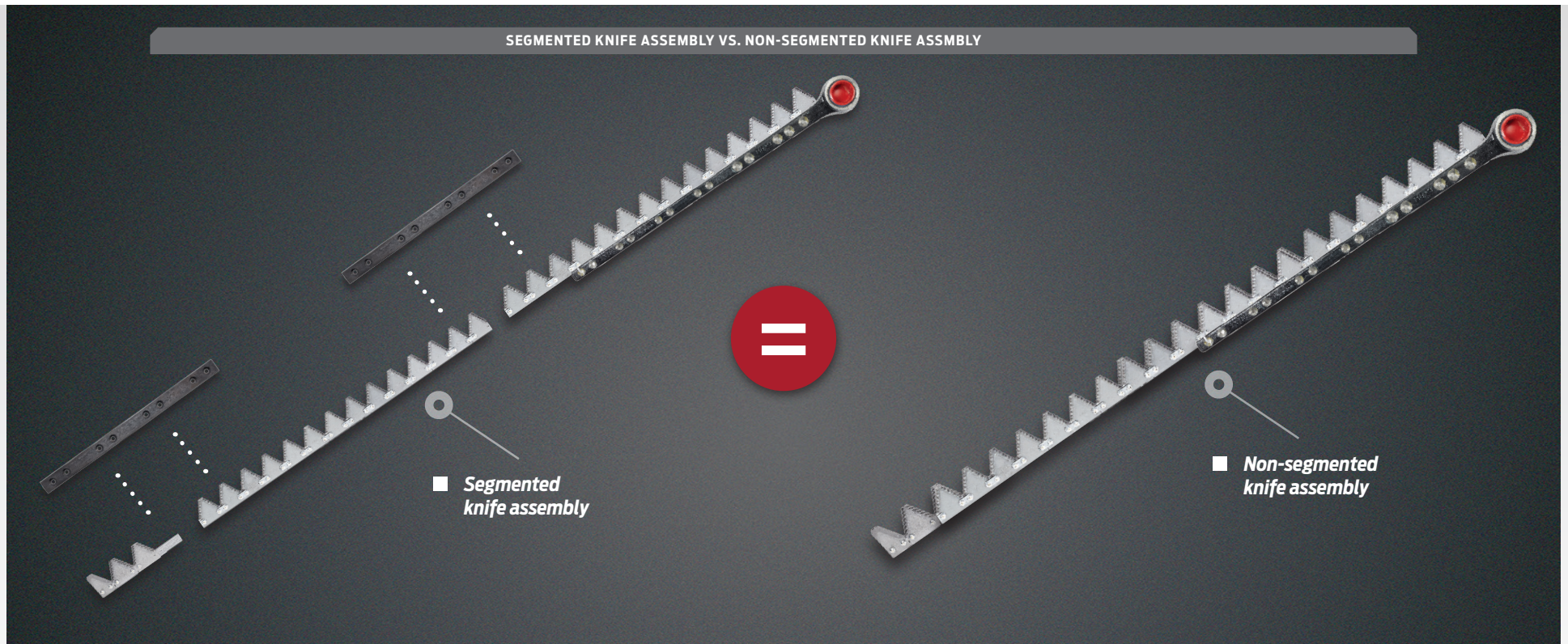


# Knife Assembly Quick Reference Guide

**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/ <b>Coarse</b>	Non-Segmented Knife
<b>Draper Headers 972 Harvest Header</b>			
12'	LH	F (14/in)	118392
	RH	F (14/in)	118399
12'	<b>LH</b>	<b>C (9/in)</b>	<b>118440</b>
	<b>RH</b>	<b>C (9/in)</b>	<b>118447</b>
15'	LH	F (14/in)	118393
	RH	F (14/in)	118400
15'	<b>LH</b>	<b>C (9/in)</b>	<b>118441</b>
	<b>RH</b>	<b>C (9/in)</b>	<b>118448</b>
18'	LH	F (14/in)	118394
	RH	F (14/in)	118401
18'	<b>LH</b>	<b>C (9/in)</b>	<b>118442</b>
	<b>RH</b>	<b>C (9/in)</b>	<b>118449</b>
<b>D/FD:</b>			
15'	LH	F (14/in)	172001
	RH	F (14/in)	172002
15'	<b>LH</b>	<b>C (9/in)</b>	<b>124923</b>
	<b>RH</b>	<b>C (9/in)</b>	<b>124925</b>

	LH/RH	Fine/ <b>Coarse</b>	Non-Segmented Knife
<b>Auger Headers 920 / 930 / 933 / 922</b>			
14'	LH	F (14/in)	155062
	RH	F (14/in)	155064
16'	LH	F (14/in)	155063
	RH	F (14/in)	155065
18'	LH	F (14/in)	155066
	RH	F (14/in)	155067
<b>A30/40</b>			
14'	LH	F (14/in)	172001
	RH	F (14/in)	172002
	<b>LH</b>	<b>C (9/in)</b>	<b>124923</b>
	<b>RH</b>	<b>C (9/in)</b>	<b>124925</b>
16'	LH	F (14/in)	172001
	RH	F (14/in)	170671
	<b>LH</b>	<b>C (9/in)</b>	<b>124923</b>
	<b>RH</b>	<b>C (9/in)</b>	<b>170670</b>
18'	LH	F (14/in)	170669
	RH	F (14/in)	170671
	<b>LH</b>	<b>C (9/in)</b>	<b>170668</b>
	<b>RH</b>	<b>C (9/in)</b>	<b>170670</b>



## Knife Assembly Quick Reference Guide

**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



### FD75:

SK	1 x 132896	
DK	1 x 132896	1 x 132897

### D50, D60, D65, FD70:

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)

### 974, 973:

ONE SIZE FITS ALL	1 x 153812 (Fits LH & RH)	
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### 972:

SK < 20	1 x 120832	
SK30/36	1 x 153812	
DK < 30	2 x 130832 (LH & RH)	
DK30/36	1 x 153812 (LH)	1 x 158962 (RH)

### 960:

ONE SIZE FITS ALL	1 x 37835	
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# 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.

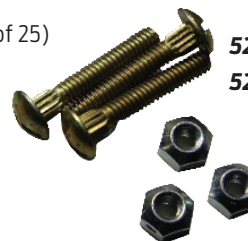
### SICKLE SECTIONS

- 279641** - Coarse Sickle Section, pack of 25
- 79642** - Fine 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 - 1 1/8" 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

- 118482** - Center Overlap Fine Sickle Section Kit
- 118483** - Center Overlap Coarse Sickle Section Kit
- 129043** - Sickle Section Splice Kit (includes hardware)



Overlap Sickle Section Kit

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