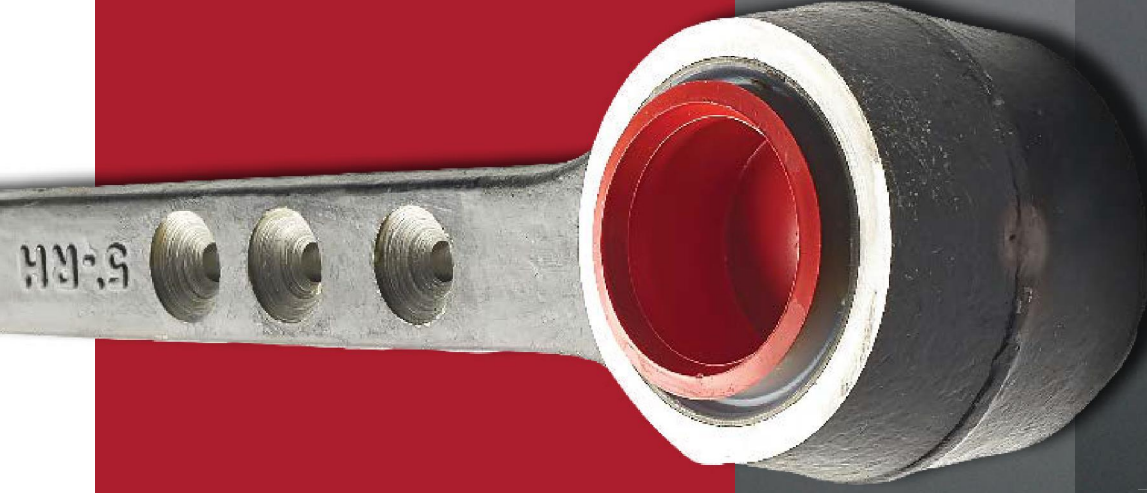


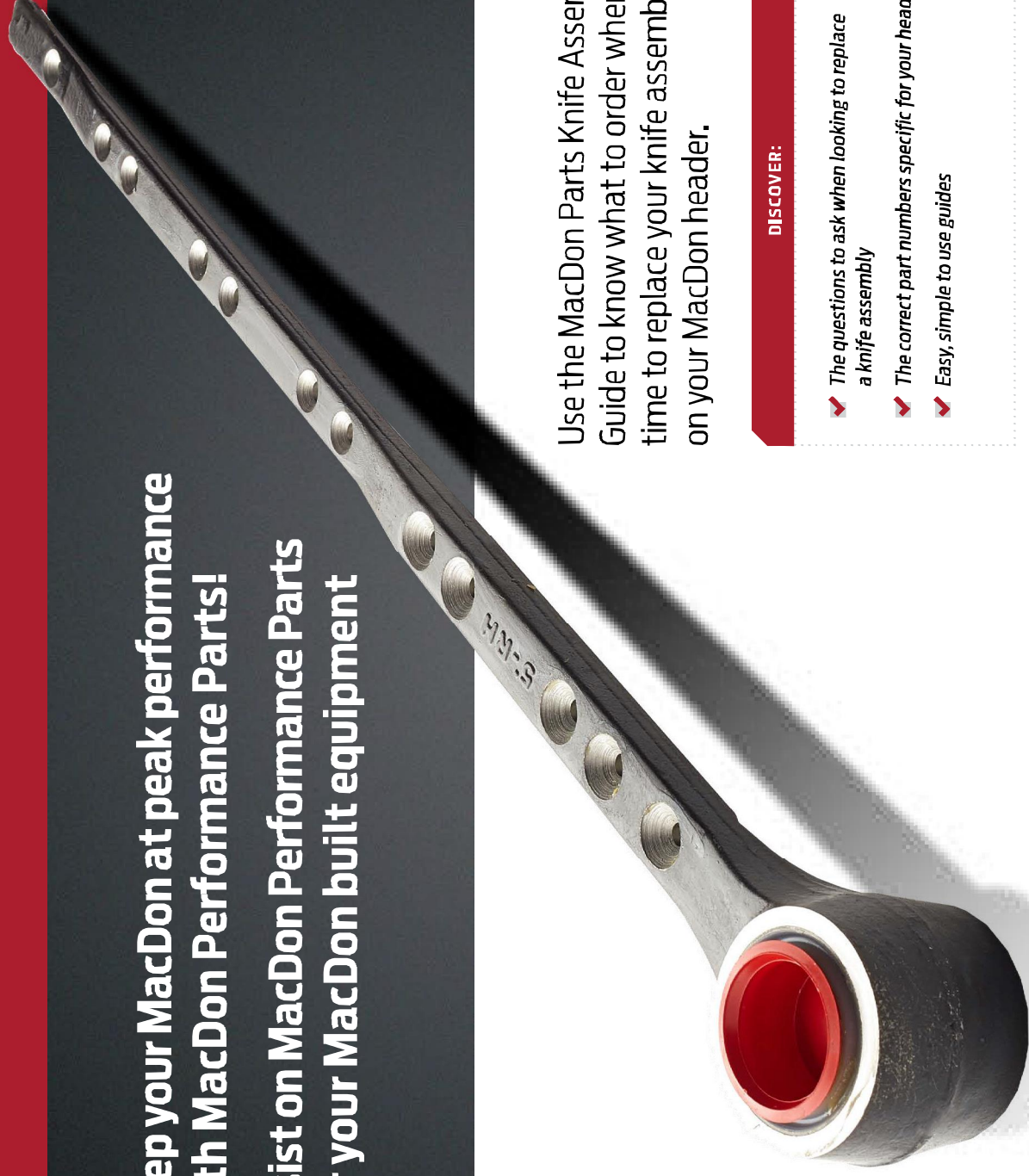
# Knife Assembly Quick Reference Guide



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.

### MACDON KNIFE ASSEMBLY COMPONENTS

■ Knife head

■ Head segment

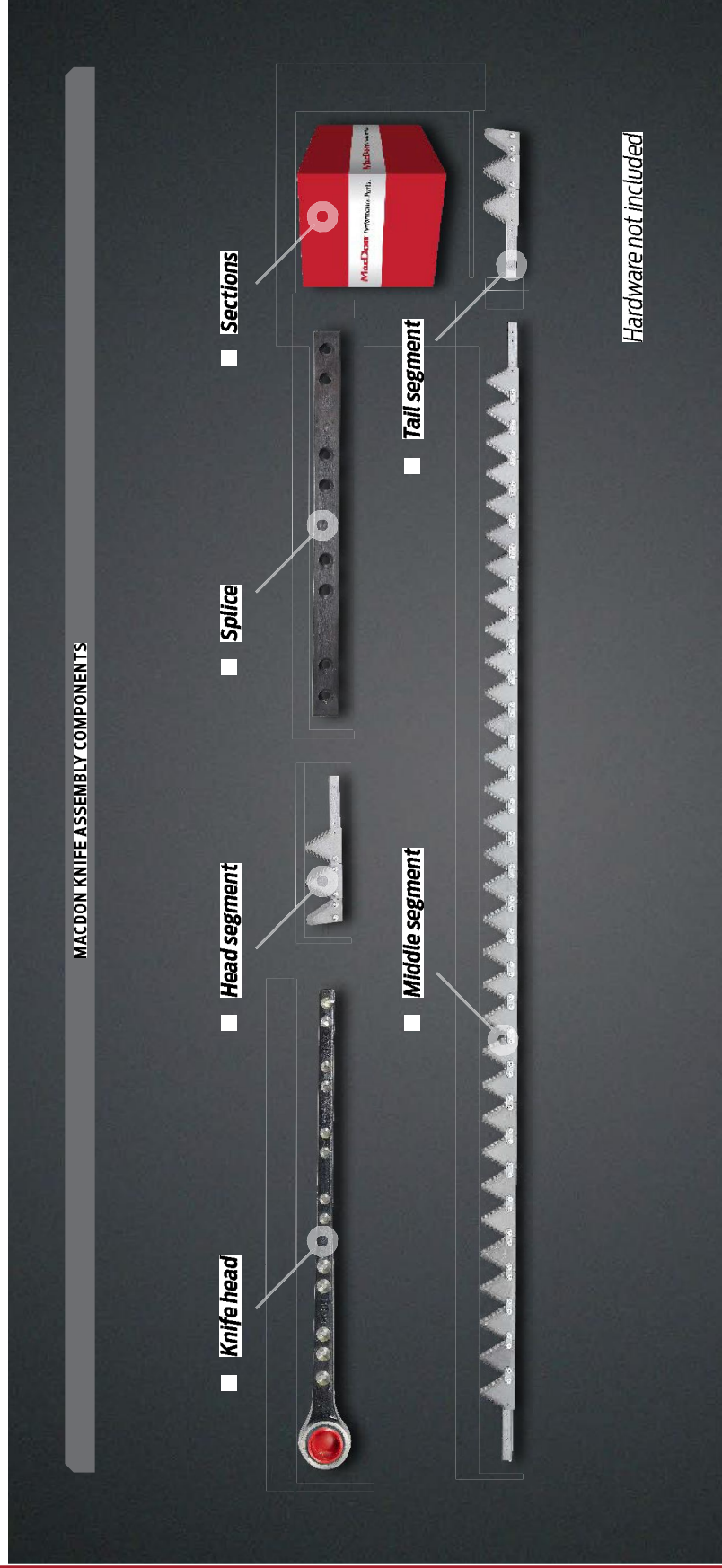
■ Splice

■ Sections

■ Middle segment

■ Tail segment

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.

*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?



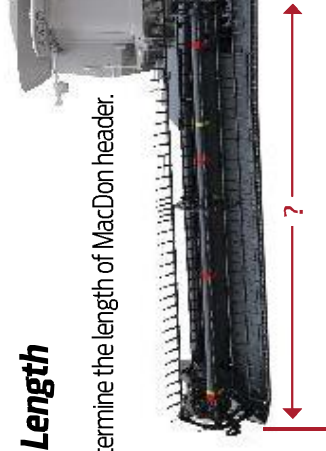
### 2. MacDon model

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 Coarse or Fine Sections.

**Coarse - 279641**

Crops: Wheat, Soybeans,  
Canola, Cereals and Pulses

**Fine - 279642**

Crops: Forage, Grasses,  
and Flax

Remember to order hardware



**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.

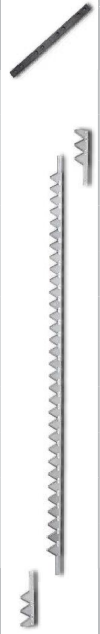

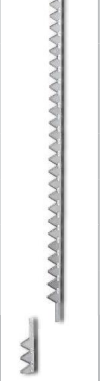




1. **Double knife** FD75 that is 45' in length with Coarse sections, both left and right hand sides.
2. Double knife **FD75** that is 45' in length with Coarse sections, both left and right hand sides.
3. Double knife FD75 that is **45' in length** with Coarse sections, both left and right hand sides.
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.

[illegible]

# 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																									
																																				
	Head Seg	Center Seg	DK Tail					Splice*					DK Tail					Center Seg					Head Seg					Splice*	Section (Pack of 25)							
Fine	279398	129002	129003	129013	129033	129014	129034	279425	165977	279415	165982	172307	172308	172309	129043	129036	129017	129018	129038	172294	172295	172296	172302	172303	172298	129002	129003	279412	129043	279642						
Coarse	279405	279406	129027	129032	129033	129014	129034	279425	165980	279415	165982	172310	172308	172312	129043	129036	129037	129038	172299	172294	172295	172437	172302	172303	172298	279406	129027	279428	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						
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	129004	129005	279409	129007	129987	129030	129031	129988	279407	279411	279410	129043	Splice*	Section (Pack of 25)
	Fine	279398	129002	129028													279642
	Coarse																
Draper Headers		D/FD - 974 Flexdraper - 972 / 973 HH - 960 / 962 / 963 HH - 3000 / 3020 P/I															
	20'	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'	1				1									1		1
	14'	1					1								1		1
	16'	1						1							1		1
Mower Conditioner		4000 (Fine Recommended)															
	9'	1			1										1		1
5000 / 5010 / 5020		(Fine Recommended)															
	12'	1			1										1		1
	14'	1					1								1		1
	16'	1						1							1		1
A30/40																	
	14'	1									1				1		1
	16'	1													1		1

\*Splice includes installation hardware

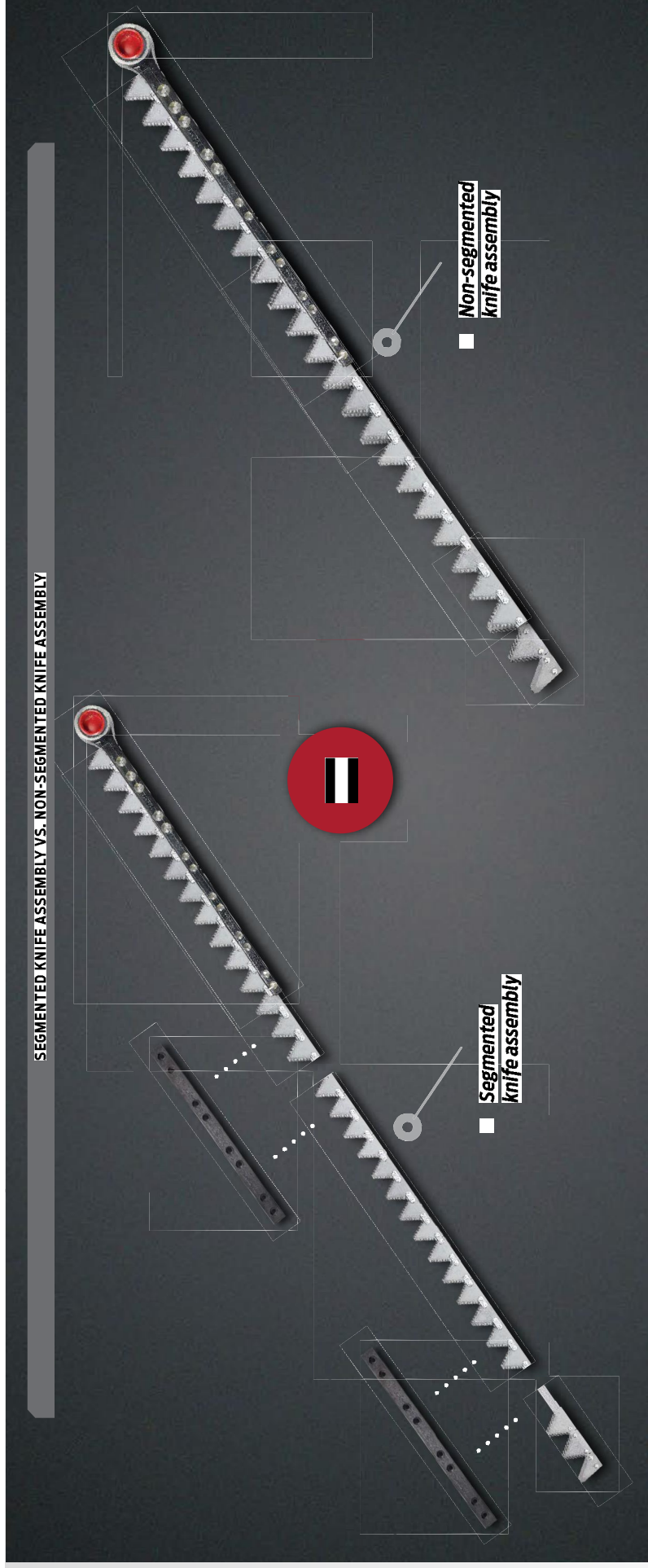


# Knife Assembly Quick Reference Guide

## 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/Coarse	Non-Segmented Knife		LH/RH	Fine/Coarse	Non-Segmented Knife
<b>Draper Headers 972 Harvest Header</b>				<b>Auger Headers 920 / 930 / 933 / 922</b>			
12'	LH	F (14/in)	118392	14'	LH	F (14/in)	155062
	RH	F (14/in)	118399		RH	F (14/in)	155064
12'	LH	C (9/in)	118440	16'	LH	F (14/in)	155063
	RH	C (9/in)	118447		RH	F (14/in)	155065
15'	LH	F (14/in)	118393	18'	LH	F (14/in)	155066
	RH	F (14/in)	118400		RH	F (14/in)	155067
15'	LH	C (9/in)	118441	<b>A30/40</b>			
	RH	C (9/in)	118448	14'	LH	F (14/in)	172001
18'	LH	F (14/in)	118394		RH	F (14/in)	172002
	RH	F (14/in)	118401		LH	C (9/in)	279440
18'	LH	C (9/in)	118442		RH	C (9/in)	279441
	RH	C (9/in)	118449	16'	LH	F (14/in)	172001
<b>D/FD:</b>					RH	F (14/in)	170671
15'	LH	F (14/in)	172001		LH	C (9/in)	279440
	RH	F (14/in)	172002		RH	C (9/in)	170670
15'	LH	C (9/in)	279440	18'	LH	F (14/in)	170669
	RH	C (9/in)	279441		RH	F (14/in)	170671
					LH	C (9/in)	170668
					RH	C (9/in)	170670

# 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
	
<b>FD1/FD75:</b>	
SK	1 x 132896
DK	1 x 132896 1 x 132897
<b>D50, D60, D65, FD70:</b>	
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)
<b>974, 973:</b>	
ONE SIZE FITS ALL	1 x 153812 (Fits LH & RH)
<b>972:</b>	
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)
<b>960:</b>	
ONE SIZE FITS ALL	1 x 37835

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**MacDon.com**



performanceparts@macdon.com

# 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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