

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.

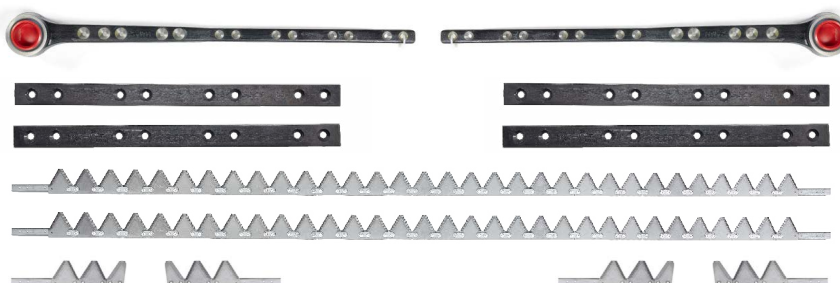
MacDon knife assemblies

Single knife assembly



*Hardware
not included*

Double knife assembly

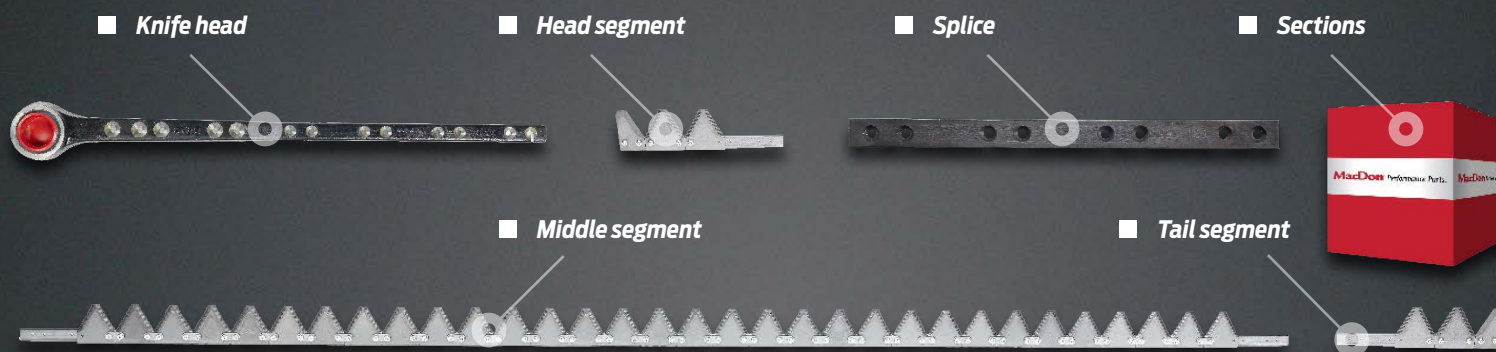


*Hardware
not included*

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

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?



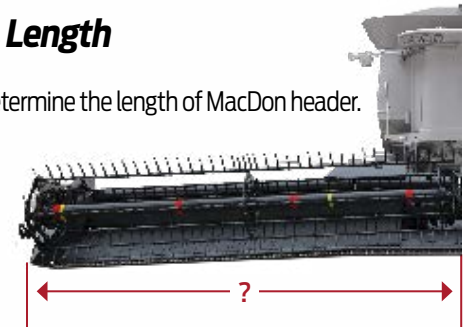
2. MacDon model

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.

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

4

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

129014

129015

165977

279415

279417

172307

172308

172309

129043

129017

129018

129019

172294

172295

172296

172297

172298

129002

129003

279412

129043

279642

Coarse

279405

279406

129027

129032

129033

129034

279425

165980

165982

172310

279436

172312

129043

129036

129037

129038

172299

279398

279437

172302

172303

279406

129027

279428

129043

279641

D/FD:

20'

25'

30'

35'

40'

45'

1

1

1

1

1

1

1

2

1

1

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

7

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									
																				
	Head Seg	Center Seg	DK Tail							Splice*	DK Tail							Center Seg	Head Seg	Splice*
Fine	279398	129002	129003	129013	129014	129015	165977	279415	279417	172307	172308	172309	129043	129017	129018	129019	172294	172295	172296	172297
														172298	129002	129003	279412	129043		
Coarse	279405	279406	129027	129032	129033	129034	279425	165980	165982	172310	279436	172312	129043	129036	129037	129038	172299	279398	279437	172302
														172303	279406	129027	279428	129043		
D/FD:																				
20'	1						1						1							1
25'	1							1					1				1		1	1
30'	1								1				1					1	1	1
35'	1											1	1				1		1	1
40'	1	1								1			2			1		1	2	1
45'	1	1									1		2			1		1	2	1
Draper Headers 972 Harvest Header																				
21'	1			1									1			1			1	1
25'	1				1								1	1					1	1
30'	1					1							1		1				1	1
36'	1		1	1									2			1		1	1	2

*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	279398	129002	129004	129005	129006	129007	129008	129010	279401	129012	172250	279404	279403	129043	279642
	Coarse	279405	279406	129028		279409		129987	129030	129031	129988	279407	279411	279410	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

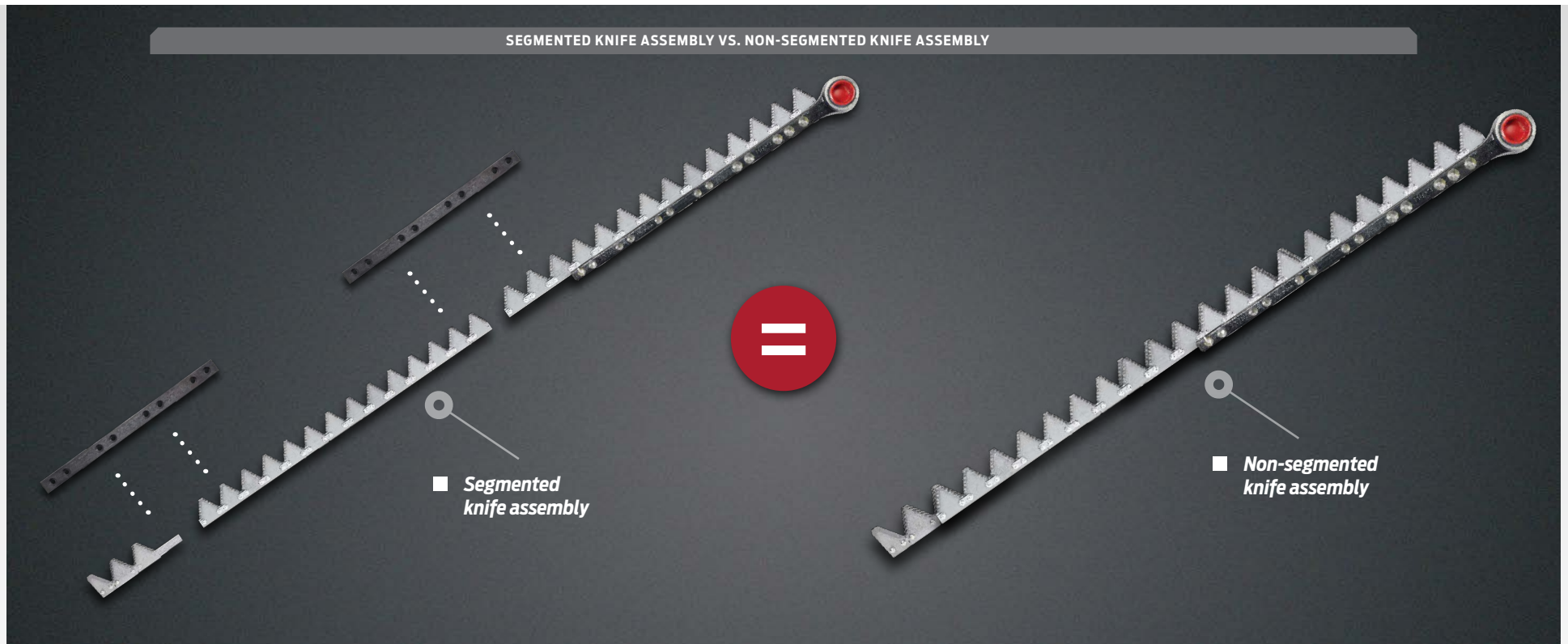
*Splice includes installation hardware

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/ Coarse	Non-Segmented Knife
Draper Headers 972 Harvest Header			
12'	LH	F (14/in)	118392
	RH	F (14/in)	118399
12'	LH	C (9/in)	118440
	RH	C (9/in)	118447
15'	LH	F (14/in)	118393
	RH	F (14/in)	118400
15'	LH	C (9/in)	118441
	RH	C (9/in)	118448
18'	LH	F (14/in)	118394
	RH	F (14/in)	118401
18'	LH	C (9/in)	118442
	RH	C (9/in)	118449
D/FD:			
15'	LH	F (14/in)	172001
	RH	F (14/in)	172002
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)	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
A30/40			
14'	LH	F (14/in)	172001
	RH	F (14/in)	172002
	LH	C (9/in)	279440
	RH	C (9/in)	279441
16'	LH	F (14/in)	172001
	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

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



FD1/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.

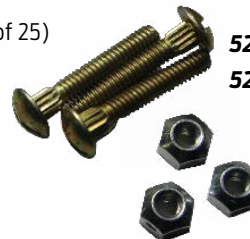
SICKLE SECTIONS

- 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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