



2019

PRODUCT CATALOG



Mac Chain Co. Ltd.

www.macchain.com



Mac Chain Co. Ltd.

TABLE OF CONTENTS

COMPANY OVERVIEW

Mission Statement	9
Company Overview	10
Corporate Information	11
Why Choose Mac Chain	12

WELDED STEEL CHAIN

Offset Sidebar	14
Straight Sidebar	15
Drag Chain	16
“SuperMAC” Drag Chain	17
“MegaMAC” Drag Chain	18

WELDED STEEL CHAIN ATTACHMENTS

Welded Steel Chain Attachments	19-28
Chain & Attachments	29-33
Drag Chain Attachments	34-36

TRANSFER CHAIN

Welded Steel Transfer Chain: Universal Top Chain	38
Reverse Articulation Camelback	38
81X Steel Camelback	39
Nylon Rolltop	39
Transfer Chain C/W UHMW Top	40
Welded Steel UHMW Top	40
Malleable Cast Steel	41

MALLEABLE CHAIN

Malleable Cast Steel Chain	44
Steel + Malleable Combination Chain	45

STEEL BUSHED ROLLER CHAIN

Double Pitch Roller Chain	48
Agricultural Roller Chain	48
Extended Pitch Sorter Chain 3939 Series	49
Extended Pitch Sorter Chain 9" Pitch	49

STEEL BUSHED ROLLER CHAIN ATTACHMENTS

Steel Bushed Roller Chain Attachments	50-51
Trimmer Chain Attachments	52-53
Roller Chain Attachments	54-55

ENGINEERED CLASS CHAIN

Steel Bushed	58
Steel, Bushed, Roller - Straight + Offset Sidebar	59

ENGINEERED CLASS CHAIN ATTACHMENTS

Bushed Engineered Class Chain Attachments	60-61
---	-------

LONG LINK CHAIN

Alloy Steel Long Link Chain	64
Alloy Steel Lap Links	64

LONG LINK CHAIN ATTACHMENTS

Alloy Long Link Attachments	66
UHMW Flat Bar Flight.....	66
Fabricated Steel Skookum Flights Attachments	67
Cast Steel Tang Flights Attachments	68-69

STEEL PINTLE CHAIN

Pintle Chain	72
Sander Chain	73

STEEL PINTLE ATTACHMENTS

Steel Pintle Chain Attachments	74-75
--------------------------------------	-------

SPECIAL APPLICATION CHAIN

DF3500 Double-Flex Chain	78
Welded Steel Waste Water Chain	79
Paver Chain	80
High Speed DLI/Scanner Chain	81

SPECIAL APPLICATION CHAIN ATTACHMENTS

Waste Water Chain Attachments	82-83
-------------------------------------	-------

TABLE^{OF} CONTENTS (continued)

WELDED STEEL PIN

Mill Chain H + C Type Pin	87-88
Drag Chain Pin	89-90

MALLEABLE IRON PIN

Malleable Chain Pin	91
---------------------------	----

PINTLE PIN

Pintle Chain Pin	92
------------------------	----

ENGINEER CLASS PIN

Engineer Class Chain Pin	93
Trimmer Chain Pin	93

CUSTOM PIN

DLI Scanner Chain Chain Pin	94
Double Flex Chain Pin	94

MILL CHAIN SPROCKETS

WR78 Sprocket	97
WR78XHD Sprocket	98
WS78 Sprocket	99
C188 Sprocket	100
MS188 Sprocket	101
WR82 Sprocket	102
WR82XHD Sprocket	103
WRC131 Sprocket	104
WR78-4 Sprocket	105
WR124XHD Sprocket + WRC124XHD Sprocket	105
WR124 Sprocket	106
WR111 Sprocket + WRC111 Sprocket	106
WR106 Sprocket + WRC110 Sprocket	107
WR106XHD Sprocket	107
WR132 Sprocket + WRC132 Sprocket	108
WR132XHD Sprocket + WRC132XHD Sprocket	108
WR/WH150 Sprocket + WR/WH157 Sprocket	109

CAST CHAIN SPROCKETS

C131 Sprocket	110
H130 Sprocket + H138 Sprocket	111
C102B Sprocket	111

ENGINEERED CLASS CHAIN SPROCKETS

81X Sprocket	112
LXS882 Sprocket	113
MO88 Sprocket	113-114
MS131 Sprocket	114
MS102B Sprocket	115

DRAG CHAIN SPROCKETS

WD102 Sprocket	116
WD104 Sprocket	117
WD110 Sprocket	117
WD120 Sprocket	117
WD112 Sprocket	118
WD116 Sprocket + WD118 Sprocket	118
WD122 Sprocket	119
WD480 Sprocket	119

LONG LINK SPROCKETS

7/8 x 1 1/2 x 6 Sprocket	120
1 x 1 3/4 x 6 Sprocket	120
1 1/8 x 2 x 6 Sprocket	121

LONG LINK REPLACEABLE TOOTH SPROCKETS

7-Tooth Replaceable Tooth Sprocket + Replacement Tooth	122
--	-----

LONG LINK IDLER DRUM SPROCKETS

18-36 Diameter	123-124
----------------------	---------

PINTLE CHAIN SPROCKETS

M662 Sprocket	125-126
M667H Sprocket	127
M667X Sprocket	128
M667K Sprocket	129
M667XH Sprocket	130
M88K Sprocket	131

TECHNICAL INFORMATION

Technical Information	133-139
-----------------------------	---------



AG Spreader



Asphalt Paving



Car Wash Conveyor



Forest Products



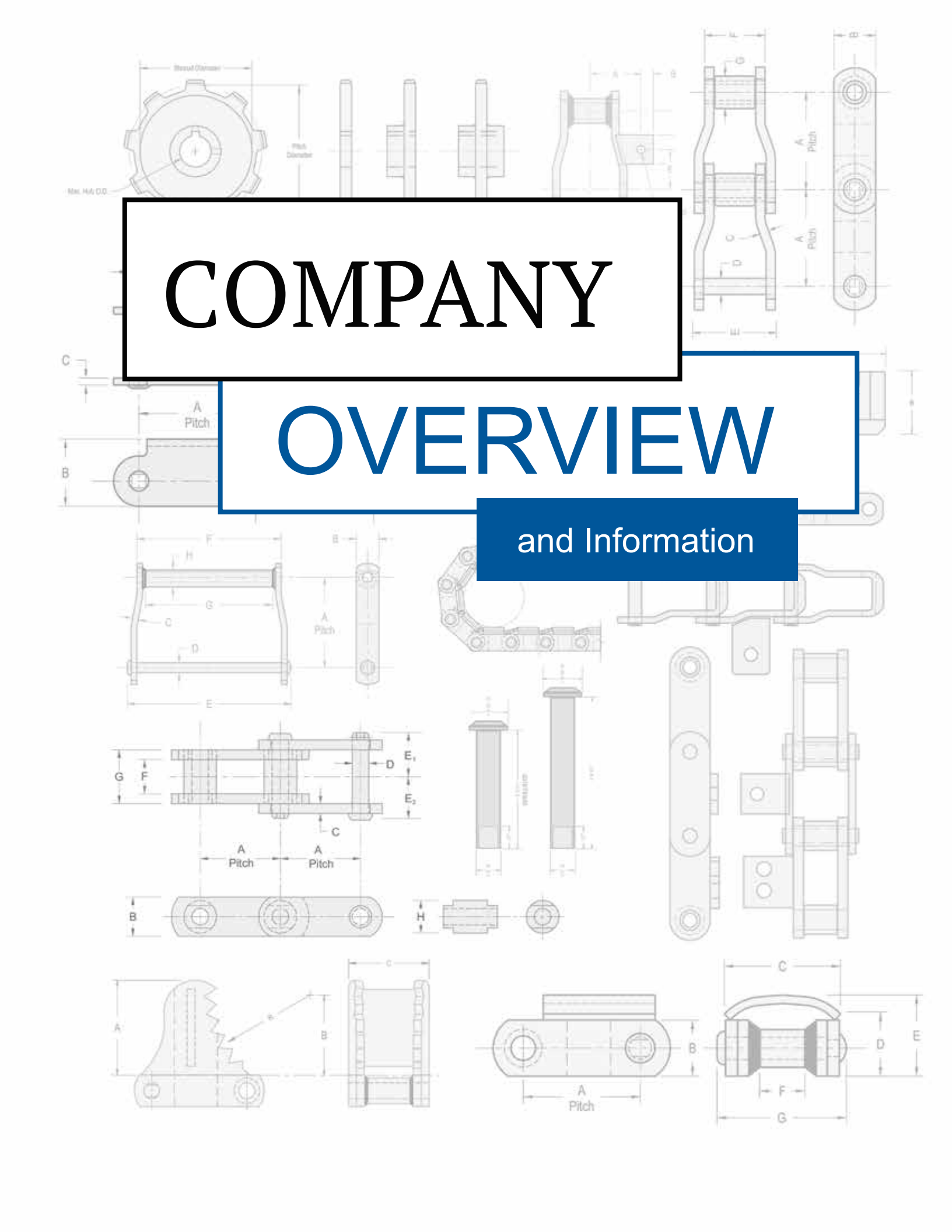
Grain Processing



Sanding Truck Conveyor



Mobile Wood Waste Recycling



COMPANY

OVERVIEW

and Information

UNITED STATES MANUFACTURING



CANADA MANUFACTURING

MISSION STATEMENT



Mac Chain Co. Ltd.

To understand our customers' requirements
and provide them with successful solutions that
combine performance with value.

Our goal is achieved by establishing
long-term relationships with our customers,
suppliers and employees.

COMPANY OVERVIEW

Mac Chain Co. Ltd. is a leading manufacturer of welded steel conveyor chains for a variety of industrial users. Established in 1979, Mac Chain is a family owned enterprise.

The owner operators include: Kevin McFarland - President, Andrew McFarland - Vice President, Jim Jr. McFarland - Vice President and Tom Hickey - Vice President.

Our commitment to quality is sustained through extensive research and development, rigid process control, performance testing and continuous innovation. Each chain is uniquely engineered for strength and durability given the specific set of conditions for which it was designed and produced.

Mac Chain has remained on the cutting edge of technology whether it's through our robotic technologies or our extensive lineup of CNC equipment. We continue to supply chains able to withstand the ever increasing speeds and loads of today's conveyor systems. Mac Chain can manufacture chain and attachments to meet your requirements, whether you are upgrading a single run or implementing a complete project.

Mac Chain Company is the leading supplier of high performance welded steel and engineering class chains for global markets servicing a diverse range of industries such as forest products, recycling systems, feed systems for power generation plants, grain processing, agriculture equipment and asphalt conveyor systems.

Mac Chain has two manufacturing plants facilities; one in Surrey, British Columbia, Canada and the other in Woodland Washington, USA with a total of over 100,000 sq. /ft. of manufacturing capacity. We have two warehouse facilities; one in Ste.-Foy, Quebec, Canada and one in Memphis, Tennessee, USA. We have both inventory and production capacity to meet all your chain requirements. Our team of specialists are ready to work with you to produce the very best product to suit your application.

CORPORATE CONTACT INFORMATION

UNITED STATES

Western USA

1855 Schurman Way
Woodland, Washington
USA 95674

Phone: 1.360.225.6000
Toll Free: 1.800.663.0072
Fax: 1.360.225.3400
Email: ussales@macchain.com

Eastern USA

75 West Virginia
Memphis, Tennessee
USA 38106

Phone: 1.360.225.6000
Toll Free: 1.800.663.0072
Fax: 1.360.225.3400
Email: ussales@macchain.com

CANADA

Western Canada

9445 - 196A Street
Surrey, BC
Canada V4N 4N5

Phone: 1.604.888.1229
Toll Free: 1.800.663.0072
Fax: 1.604.888.0600
Email: cdnwestsales@macchain.com

Eastern Canada

#150, 2376 Galvani Street
Ste-Foy, Quebec
Canada, G1N 4G4

Phone: 1.418.686.1551
Toll Free: 1.877.833.1653
Fax: 1.418.686.0990
Email: cdneastsales@macchain.com



WHY CHOOSE MAC CHAIN

Mac Chain is a leading North American manufacturer of superior quality welded steel specialty conveyor chains, attachments, and power transmission chain.

Although primarily specializing in the forestry and pulp & paper industries throughout the world, we also produce chain for a large variety of other types of industries with equal success.

Mac Chain is dedicated to and has a reputation for producing high quality durable products and has a personalized approach thus providing outstanding customer service.

TECHNICALLY THE BEST FOR TWO STRONG REASONS

1

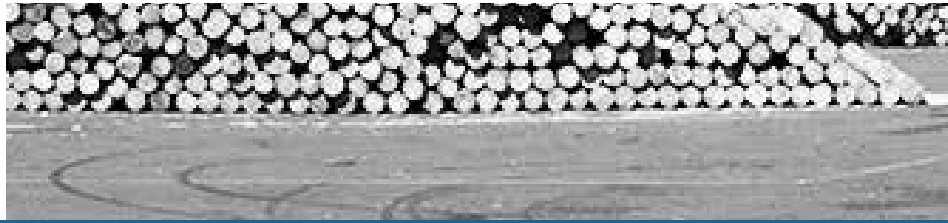
Induction-Hardened Pins

The single most effective way to extend chain life is through induction-hardening the chain pins. This is so beneficial that it is now standard on all our welded steel mill chain with a 1" and 1-1/8" pin.

2

Precision Taper-Fit Pins

All Mac mill chain with a 1" and a 1-1/8" rivet are constructed with Mac Precision Taper Fit pins. They provide 100 percent contact between the pin and the sidebar, reducing wear and increasing chain life.



WELDED STEEL CHAIN

Pages 13-18



WELDED STEEL CHAIN

Offset Sidebar

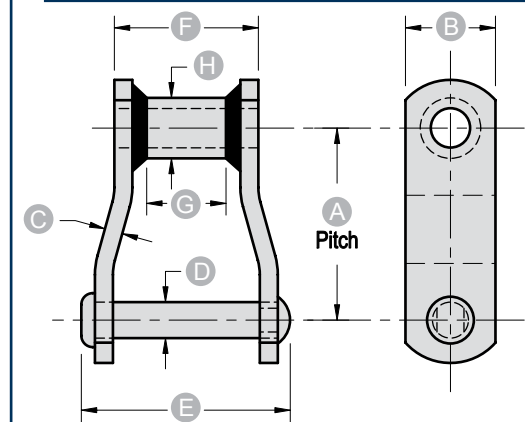
INDUSTRY:   

Welded Steel Mill Chains (Offset Sidebars) are recommended for most conveying and elevating applications in which a high strength steel rollerless chain is required. A complete line on attachments and optional heat treatment make them easily adaptable to a wide variety of applications.

- All pins are through-hardened
- 1" & larger pins are further induction hardened
- Pre-Greased Rivets available upon request on all sizes



Abrasive Environment?
Heat-treated chain has a greater wear resistance.



Part Number	A AVG Pitch	Ultimate Strength (pounds)	WH* Ultimate Strength (pounds)	B Sidebar Height	C Sidebar Thickness	D Rivet Diameter	E Overall Width	F Length of Bearing	G Max. Sprocket Thickness	H Barrel O.D.	Links per Foot	AVG Weight per Foot (pounds)
WS78**	2.609	29,800	34,000	1 1/4	1/4	1/2	2 7/16	1 5/8	3/4	0.84	4.6	3.9
WR78	2.609	29,800	34,000	1 1/4	1/4	1/2	3	2	1	0.84	4.6	4.1
WR78XHD	2.640	32,700	38,500	1 1/4	3/8	5/16	3 3/32	2	1	1.05	4.5	6.3
WR78-4	4.000	29,800	34,000	1 1/4	1/4	1/2	3	2	1	0.84	3	3.4
WR82	3.075	32,780	39,000	1 1/4	1/4	5/16	3 5/16	2 1/4	1 3/8	1.05	3.9	4.7
WR82XHD	3.075	50,400	60,000	1 1/2	3/8	3/4	3 13/16	2 3/8	1 1/8	1.25	3.9	8.4
WR124	4.000	50,400	60,000	1 1/2	3/8	3/4	4 1/4	2 13/16	1 1/2	1.25	3	8
WR124XHD	4.050	85,500	121,500	2	1/2	1	4 7/8	3	1 1/2	1.66	3	14.5
WR111	4.760	50,400	60,000	1 3/4	3/8	3/4	4 13/16	3 3/8	2 1/4	1.25	2.5	8.6
WR106	6.000	50,400	60,000	1 1/2	3/8	3/4	4 1/4	2 13/16	1 1/2	1.25	2	6.5
WR106XHD	6.050	85,500	121,500	2	1/2	1	4 7/8	3	1 1/2	1.66	2	11.5
WR132	6.050	85,500	121,500	2	1/2	1	6 1/4	4 7/16	3 3/8	1.66	2	13.5
WR132XHD	6.050	118,500	142,000	2	5/8	1	6 3/4	4 11/16	3 3/8	1.66	2	15.9
WR150	6.050	120,000	144,000	2 1/2	1/2	1	6 1/4	4 7/16	2 3/4	1.66	2	15.5
WR150XHD	6.050	122,000	148,000	2 1/2	5/8	1	6 3/4	4 11/16	2 3/4	1.66	2	18
WR157	6.050	148,000	163,500	2 1/2	5/8	1 1/8	6 3/4	4 5/8	2 3/4	1.75	2	20

All dimensions shown in inches unless noted otherwise.

*WH denotes Heat-Treated **Special Narrow version of WR78

WELDED STEEL CHAIN

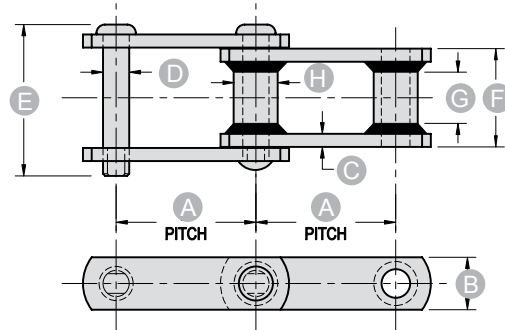
Straight Sidebar

INDUSTRY:  

“C-type” straight sidebar chain has the same general characteristics as offset sidebar construction. It is recommended for reversible conveyors and allows for the easiest in-field attachment welding.

- All pins are through-hardened
- 1" & larger pins are further induction hardened
- Pre-Greased Rivets available upon request on all sizes

 Abrasive Environment?
Heat-treated chain has a greater wear resistance.



	A			B	C	D	E	F	G	H		
Part Number	AVG Pitch	Ultimate Strength (pounds)	WHC* Ultimate Strength (pounds)	Sidebar Height	Sidebar Thickness	Rivet Diameter	Overall Width	Length of Bearing	Max. Sprocket Thickness	Barrel O.D.	Links per Foot	AVG Weight per Foot (pounds)
WRC131	3.075	50,400	57,000	1 ½	⅜	¾	3 ⅞	2 ⅛	1 ⅞	1.25	3.9	8.4
WRC124	4.000	50,400	57,000	1 ½	⅜	¾	4 ¼	2 ⅜	1 ½	1.25	3	8
WRC124XHD	4.050	85,500	122,700	2	½	1	4 ⅞	3	1 ½	1.66	3	14.5
WRC111	4.760	50,400	57,000	1 ¾	⅜	¾	4 ⅜	3 ⅜	2	1.25	2.5	8.6
WRC110	6.000	50,400	57,000	1 ½	⅜	¾	4 ¼	2 ⅜	1 ½	1.25	2	6.4
WRC110XHD	6.050	85,500	122,000	2	½	1	4 ⅞	3	1 ½	1.66	2	11.5
WRC132	6.050	85,500	122,000	2	½	1	6 ¼	4 ⅞	3 ⅞	1.66	2	13
WRC132XHD	6.050	118,500	142,000	2	⅝	1	6 ¾	4 ⅞	3 ⅞	1.66	2	15.9
WRC150	6.050	120,000	144,000	2 ½	½	1	6 ¼	4 ⅞	3 ⅞	1.66	2	15.5
WRC150XHD	6.050	122,500	148,000	2 ½	⅝	1	6 ¾	4 ⅞	3 ⅞	1.66	2	18

All dimensions shown in inches unless noted otherwise

*WHC denotes Heat-Treated

WELDED STEEL CHAIN

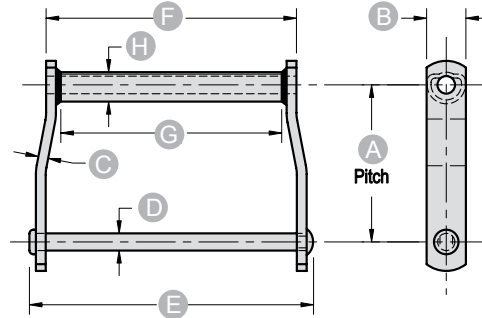
Drag Chain

INDUSTRY:  

Using select grade alloy steels these heavy duty chains are manufactured in North America to high standards. Our unique barrel forming process ensures consistent quality, reducing potential rivet wear and providing high strength and long service life. All heat treating and attachment options are available, as well as reverse barrel design.

- Standard zone induction-hardened rivets for $\frac{3}{4}$ " and $\frac{7}{8}$ " diameters
- Standard through-hardened rivets for 1" diameters

 Abrasive Environment?
Heat-treated chain has a greater wear resistance.



Part Number	A AVG Pitch	Ultimate Strength (pounds)	WDH* Ultimate Strength (pounds)	B Sidebar Height	C Sidebar Thickness	D Rivet Diameter	E Overall Width	F Length of Bearing	G Max. Sprocket Thickness	Links per Foot	AVG Weight per Foot (pounds)
WD102	5.000	51,000	61,000	1 ½	$\frac{3}{8}$	$\frac{3}{4}$	9 ¼	7 ¾	6 ¾	2.4	12
WD104	6.000	51,000	61,000	1 ½	$\frac{3}{8}$	$\frac{3}{4}$	6 ¾	5 ¾	4 ½	2	8.6
WD110	6.000	51,000	61,000	1 ½	$\frac{3}{8}$	$\frac{3}{4}$	11 ¾	10 ¼	9	2	12
WD112	8.000	51,000	61,000	1 ½	$\frac{3}{8}$	$\frac{3}{4}$	11 ¾	10 ¼	9	1.5	10
WD116	8.000	55,000	69,000	1 ¾	$\frac{3}{8}$	$\frac{3}{4}$	15 ½	14 ½	13	1.5	12.9
WD118	8.000	85,000	102,000	2	$\frac{1}{2}$	$\frac{7}{8}$ or 1	16 ¾	14 ¾	13 ¼	1.5	18
WD118XHD	8.000	122,000	146,000	2	$\frac{5}{8}$	1	17 ¾	15 ½	13 ¼	1.5	21
WD120	6.000	85,000	102,000	2	$\frac{1}{2}$	$\frac{7}{8}$ or 1	12	10 ¼	8 ¾	2	18
WD120XHD	6.000	122,000	146,000	2	$\frac{5}{8}$	1	12 ¾	10 ½	8 ¾	2	21
WD122	8.000	85,000	102,000	2	$\frac{1}{2}$	$\frac{7}{8}$ or 1	12	10 ¼	8 ¾	1.5	15
WD122XHD	8.000	125,000	150,000	2	$\frac{5}{8}$	1	12 ¾	10 ½	8 ¾	1.5	17.6
WD480	8.000	85,000	102,000	2	$\frac{1}{2}$	$\frac{7}{8}$ or 1	14 ½	12 ¾	11	1.5	16.9
WD480XHD	8.000	122,000	146,000	2	$\frac{5}{8}$	1	15 ¼	13	11	1.5	19.5

All dimensions shown in inches unless noted otherwise.

*WDH denotes Heat-Treated

WELDED STEEL CHAIN

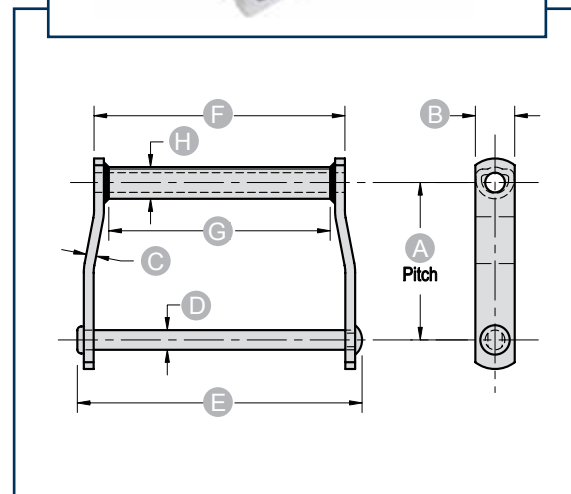
"Supermac" Drag Chain

INDUSTRY:  

Using select grade alloy steels these heavy duty chains are manufactured in North America to high standards. Our unique barrel forming process ensures consistent quality, reducing potential rivet wear and providing high strength and long service life.

The Super Mac series chain features a formed barrel of heavy wall tubing for severe applications, ideal for extra heavy loads associated with hog conveyors or "Load" chip dumping.

All heat treating and attachment options are available, as well as reverse barrel design.



 Abrasive Environment?
Heat-treated chain has a greater wear resistance.

Part Number	A AVG Pitch	Ultimate Strength (pounds)	WDH* Ultimate Strength (pounds)	B Sidebar Height	C Sidebar Thickness	D Rivet Diameter	E Overall Width	F Length of Bearing	G Max. Sprocket Thickness	Links per Foot	AVG Weight per Foot (pounds)
WD118SM	8.000	85,000	120,000	2	1/2	1	16 5/8	14 7/8	13 1/4	1.5	20.8
WD118XHDSM	8.000	125,000	150,000	2	5/8	1	17 3/8	15 1/8	13 1/4	1.5	24
WD120SM	6.000	85,000	120,000	2	1/2	1	12	10 1/4	8 3/4	2	19.5
WD120XHDSM	6.000	125,000	150,000	2	5/8	1	12 3/4	10 1/2	8 3/4	2	24
WD122SM	8.000	85,000	120,000	2	1/2	1	12	10 1/4	8 3/4	1.5	17.5
WD122XHDSM	8.000	125,000	150,000	2	5/8	1	12 3/4	10 1/2	8 3/4	1.5	20
WD480SM	8.000	85,000	120,000	2	1/2	1	14 1/2	12 3/4	11	1.5	20
WD480XHDSM	8.000	125,000	150,000	2	5/8	1	15 1/4	13	11	1.5	23

All dimensions shown in inches unless noted otherwise.

*WDH denotes Heat-Treated

WELDED STEEL CHAIN

"MegaMac" Drag Chain

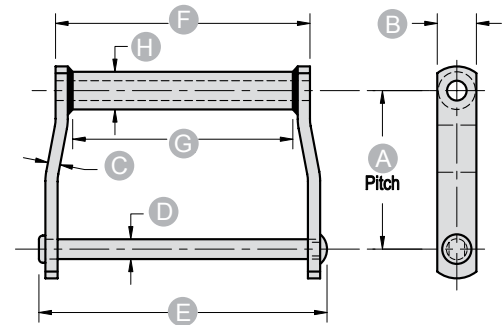
INDUSTRY:  

Using select grade alloy steels, these heavy duty chains are manufactured in North America to high standards.

The Mega Mac series chain features a extra heavy .400" round barrel for the most severe applications. Ideal for extra heavy loads, large logs or any application prone to high impact leading to crushed barrels.

All heat treating and attachment options are available.

- Standard through-hardened rivets
- Available with additional induction hardened rivets



Abrasive Environment?
Heat-treated chain has a greater wear resistance.

Part Number	A AVG Pitch	Ultimate Strength (pounds)	WDH* Ultimate Strength (pounds)	B Sidebar Height	C Sidebar Thickness	D Rivet Diameter	E Overall Width	F Length of Bearing	G Max. Sprocket Thickness	Links per Foot	AVG Weight per Foot (pounds)
WD118MM	8.000	85,000	120,000	2	1/2	1	16 3/8	14 7/8	13 1/4	1.5	23
WD118XHDMM	8.000	125,000	150,000	2	5/8	1	17 3/8	15 1/8	13 1/4	1.5	26
WD120MM	6.000	85,000	120,000	2	1/2	1	12	10 1/4	8 3/4	2	24
WD120XHDMM	6.000	125,000	150,000	2	5/8	1	12 3/4	10 1/2	8 3/4	2	27
WD122MM	8.000	85,000	120,000	2	1/2	1	12	10 1/4	8 3/4	1.5	20
WD122XHDMM	8.000	125,000	150,000	2	5/8	1	12 3/4	10 1/2	8 3/4	1.5	22
WD480MM	8.000	85,000	120,000	2	1/2	1	14 1/2	12 3/4	11	1.5	22.5
WD480XHDMM	8.000	125,000	150,000	2	5/8	1	15 1/4	13	11	1.5	25

All dimensions shown in inches unless noted otherwise.

*WDH denotes Heat-Treated



WELDED STEEL CHAIN ATTACHMENTS

Pages 19-28

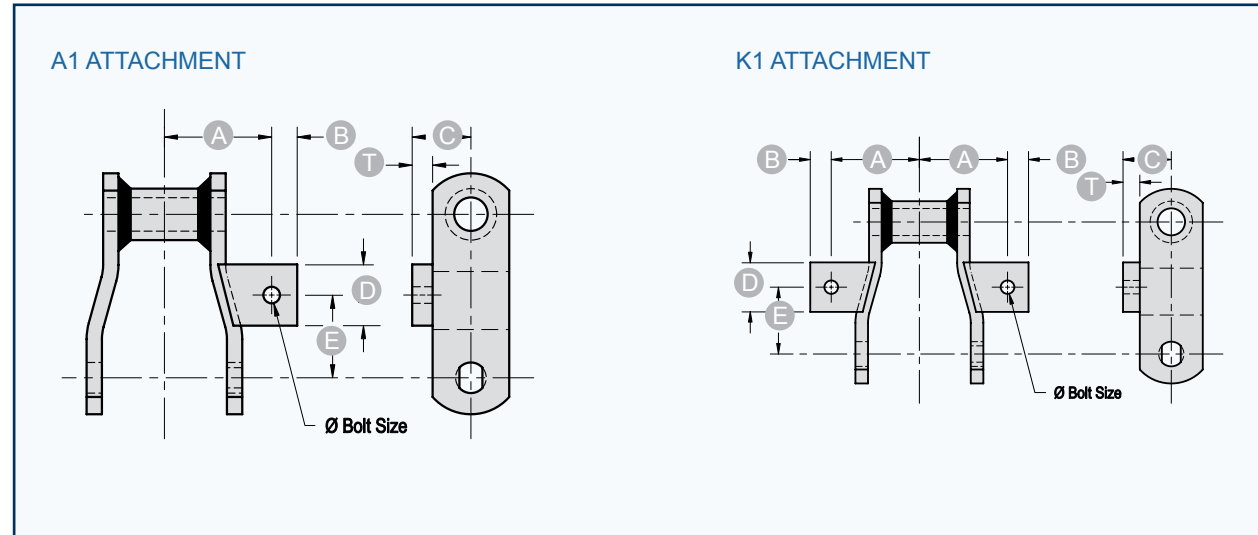


WELDED STEEL CHAIN ATTACHMENTS

A1 + K1

INDUSTRY:    

Welded Steel Chain Attachments are recommended for most conveying and elevating applications in which a high strength steel rollerless chain is required. Optional heat treatment make them easily adaptable to a wide variety of applications.



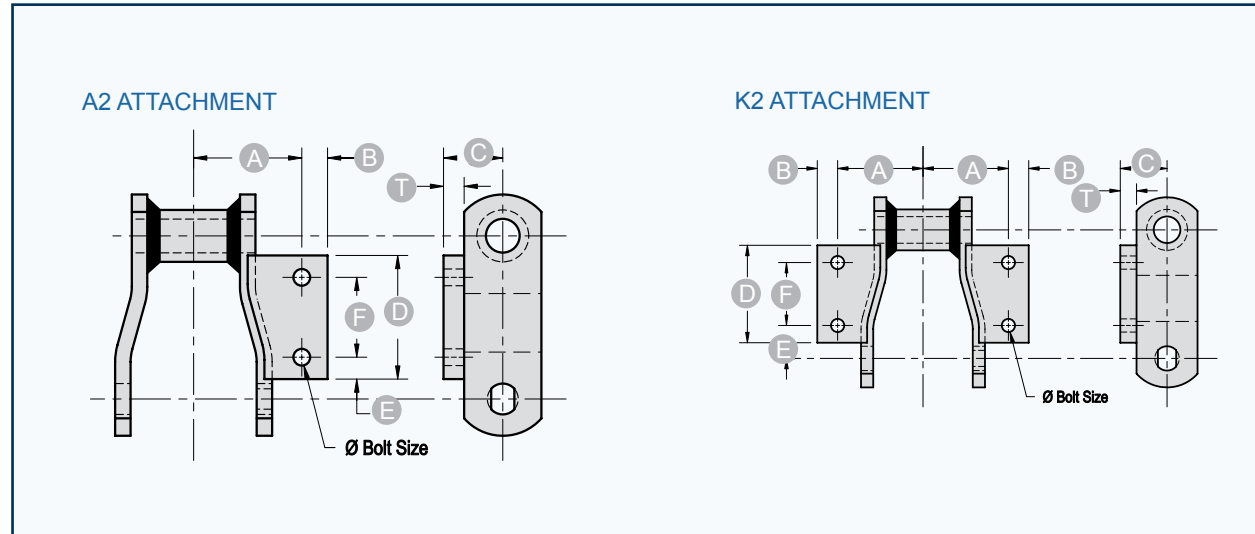
Part Number	For Chain Number	A	B	C	D	E	T	Ø Bolt Size
A1-WR78 K1-WR78	WR78	2	1/2	7/8	1 1/4	1 1/4	1/4	3/8
A1-WR78XHD K1-WR78XHD	WR78XHD	2	1/2	7/8	1 1/4	1 1/4	1/4	3/8
A1-WR82 K1-WR82	WR82	2 1/8	5/8	7/8	1 1/4	1 1/2	1/4	3/8
A1-WR82XHD K1-WR82XHD	WR82XHD	2 3/8	5/8	1 1/8	1 1/4	1 1/2	3/8	3/8
A1-WR124 K1-WR124	WR124	2 5/8	5/8	1 1/8	1 1/2	2	3/8	3/8
A1-WR124XHD K1-WR124XHD	WR124XHD	2 5/8	3/4	1 1/2	1 1/2	2	1/2	1/2
A1-WR111 K1-WR111	WR111	3 1/8	5/8	1 1/4	1 3/4	2 1/8	3/8	3/8
A1-WR132 K1-WR132	WR132	3 3/4	7/8	1 1/2	2	3	1/2	1/2
A1-WR132XHD K1-WR132XHD	WR132XHD	3 3/4	7/8	1 1/2	2	3	1/2	1/2

All dimensions shown in inches unless noted otherwise.

WELDED STEEL CHAIN ATTACHMENTS

A2 + K2

INDUSTRY:    



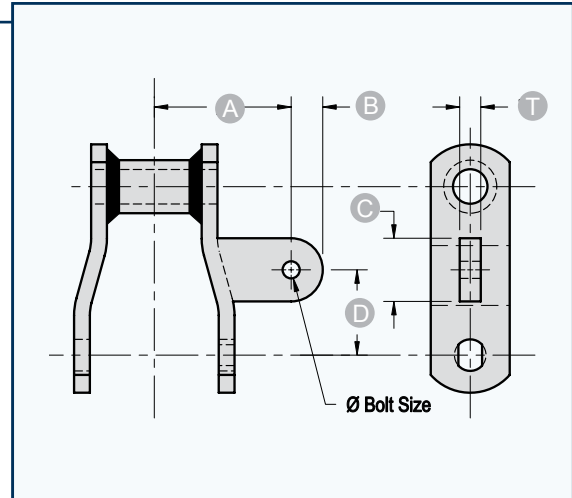
Part Number	For Chain Number	A	B	C	D	E	F	T	Ø Bolt Size
A2-WR78 K2-WR78	WR78	2	1/2	7/8	2	13/16	1 1/8	1/4	3/8
A2-WR78XHD K2-WR78XHD	WR78XHD	2	1/2	7/8	2	13/16	1 1/8	1/4	3/8
A2-WR82 K2-WR82	WR82	2 1/8	5/8	7/8	2 1/4	1/2	1 1/4	1/4	3/8
A2-WR82XHD K2-WR82XHD	WR82XHD	2 3/8	5/8	1 1/8	2 1/4	1/2	1 1/4	3/8	3/8
A2-WR124 K2-WR124	WR124	2 5/8	5/8	1 1/8	3	1	1 15/16	3/8	3/8
A2-WR124XHD K2-WR124XHD	WR124XHD	2 5/8	3/4	1 1/2	3	1	1 15/16	1/2	1/2
A2-WR111 K2-WR111	WR111	3 1/8	5/8	1 1/4	3 1/2	13/16	2 5/16	3/8	3/8
A2-WR132 K2-WR132	WR132	3 3/4	13/16	1 1/2	4	1 5/8	2 3/4	1/2	1/2
A2-WR132XHD K2-WR132XHD	WR132XHD	3 3/4	13/16	1 1/2	4	1 5/8	2 3/4	1/2	1/2
A2-WR150 A2-WR150	WR150	3 3/4	13/16	1 3/4	4	1 5/8	2 3/4	1/2	1/2
A2-WR157 A2-WR157	WR157	3 3/4	13/16	1 3/4	4	1 5/8	2 3/4	1/2	1/2

All dimensions shown in inches unless noted otherwise.

WELDED STEEL CHAIN ATTACHMENTS

A22

INDUSTRY:



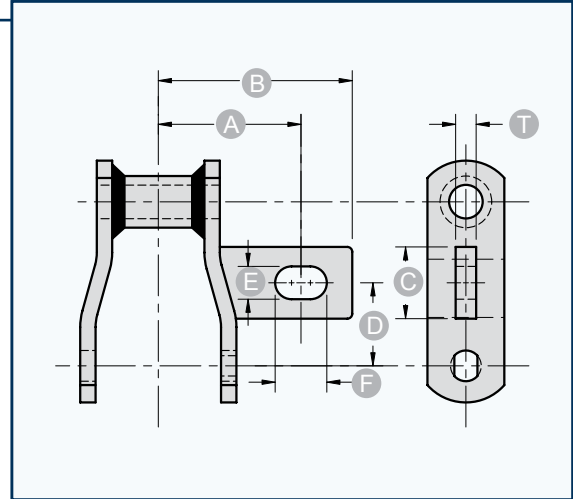
Part Number	For Chain Number	A	B	C	D	T	Ø Bolt Size
A22-WR78	WR78	2	$\frac{5}{8}$	$1 \frac{1}{4}$	$1 \frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$
A22-WR82	WR82	$2 \frac{1}{2}$	$\frac{5}{8}$	$1 \frac{1}{4}$	$1 \frac{1}{2}$	$\frac{1}{4}$	$\frac{3}{8}$
A22-WR124	WR124	3	$\frac{7}{8}$	$1 \frac{3}{4}$	2	$\frac{3}{8}$	$\frac{1}{2}$
A22-WR111	WR111	$3 \frac{1}{2}$	$\frac{7}{8}$	$1 \frac{3}{4}$	$2 \frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{2}$
A22-WR106	WR106	$2 \frac{3}{4}$	$\frac{7}{8}$	2	3	$\frac{3}{8}$	$\frac{1}{2}$
A22-WR132	WR132	$4 \frac{1}{4}$	1	2	3	$\frac{1}{2}$	$\frac{3}{4}$

All dimensions shown in inches unless noted otherwise.

WELDED STEEL CHAIN ATTACHMENTS

Slotted A22

INDUSTRY:



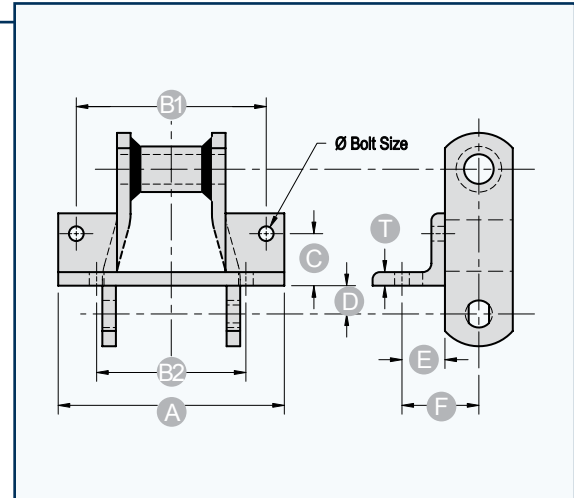
Part Number	For Chain Number	A	B	C	D	E	F	T
Slotted A22-WR82	WR82	2 1/2	3 1/2	1 1/2	1 1/2	9/16	1 1/4	3/8
Slotted A22-WR124	WR124	4	5 5/16	2	1 3/4	13/16	1 1/2	1/2
Slotted A22-WR144	WR144	4	5 5/16	2	1 3/4	13/16	1 1/2	1/2
Slotted A22-WR106	WR106	4	5 5/16	3	3	13/16	1 1/2	1/2
Slotted A22-WR106XHD	WR106XHD	4	5 5/16	3	3	13/16	1 1/2	1/2
Slotted A22-WR166	WR166	4	5 5/16	3	3	13/16	1 1/2	1/2
Slotted A22-WR132	WR132	4 1/2	6 1/4	3	3	13/16	1 1/2	1/2
Slotted A22-WR132XHD	WR132XHD	4 3/4	6 1/2	3	3	13/16	1 1/2	1/2

All dimensions shown in inches unless noted otherwise.

WELDED STEEL CHAIN ATTACHMENTS

F2/F4

INDUSTRY:



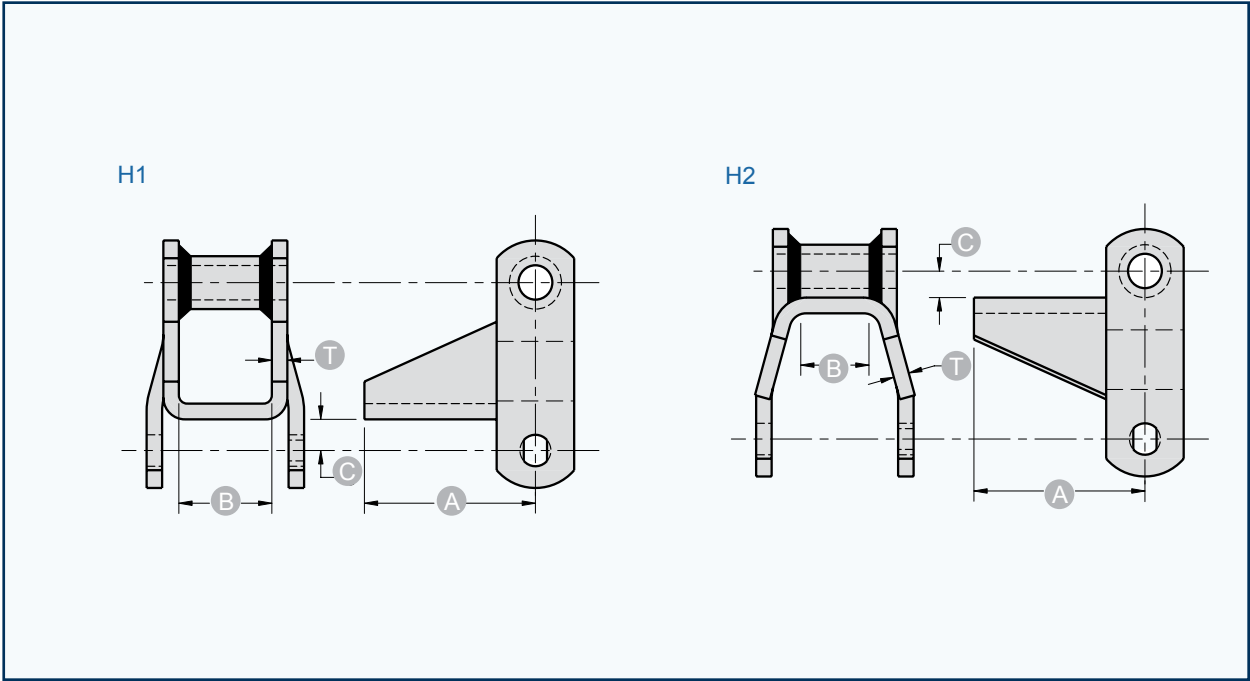
Part Number	For Chain Number	A	B1	B2	C	D	E	F	T	Ø Bolt Size
F2-WR78 F4-WR78	WR78	5 ½	4 ½	3 ¾	1 ¼	¾	1 ⅛	1 ¾	¼	⅜
F2-WR78XHD F4-WR78XHD	WR78XHD	5 ½	4 ½	3 ¾	1 ¼	¾	1 ⅛	1 ¾	¼	⅜
F2-WR82 F4-WR82	WR82	5 ⅞	5	4 ⅞	1 ¼	⅝	1 ⅛	1 ¾	¼	⅜
F2-WR82XHD F4-WR82XHD	WR82XHD	5 ⅞	5	4 ⅞	1 ½	⅞	1 ⅛	1 ¾	⅜	⅜
F2-WR124 F4-WR124	WR124	6 ¼	5 ¼	4 ¾	1 ½	1	1 ⅜	2 ¾	⅜	⅜

All dimensions shown in inches unless noted otherwise.

WELDED STEEL CHAIN ATTACHMENTS

H1/H2

INDUSTRY:    



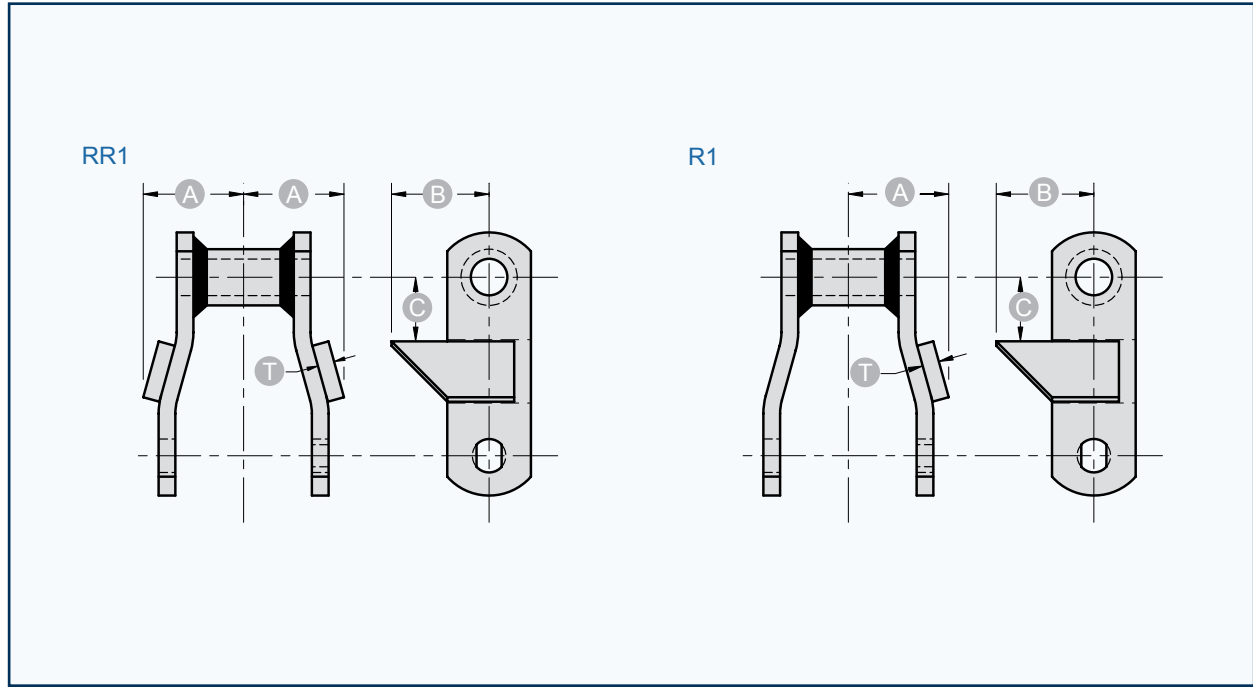
Part Number	For Chain Number	A	B	C	T
H1-WR78 H2-WR78	WR78	3 5/8	1 1/2	1/2	1/4
H1-WR78XHD H2-WR78XHD	WR78XHD	3 5/8	1 1/2	1/2	3/8
H1-WR82 H2-WR82	WR82	3 5/8	1 3/4	5/8	1/4
H1-WR82XHD H1-WR82XHD	WR82XHD	3 5/8	1 3/4	5/8	3/8

All dimensions shown in inches unless noted otherwise.

WELDED STEEL CHAIN ATTACHMENTS

RR1 + R1

INDUSTRY: 



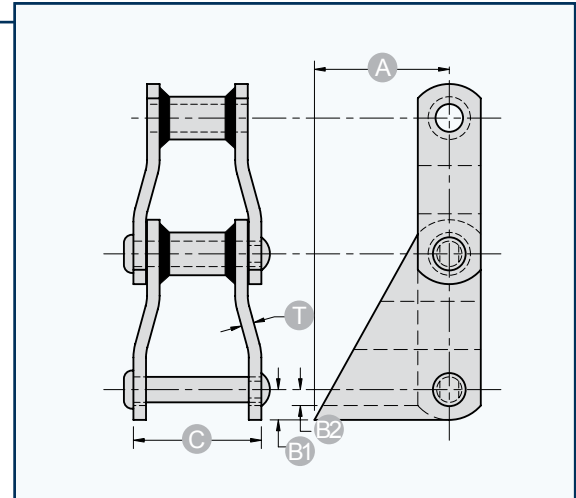
Part Number	For Chain Number	A	B	C	T
RR1-WR78 R1-WR78	WR78	1 1/2	1 9/16	5/8	1/4
RR1-WR78XHD R1-WR78XHD	WR78XHD	1 3/4	1 9/16	5/8	1/4
RR1-WR82 R1-WR82	WR82	1 5/8	1 3/4	13/16	1/4
RR1-WR82XHD R1-WR82XHD	WR82XHD	1 15/16	2 1/16	13/16	3/8
RR1-WR124 R1-WR124	WR124	2 5/32	1 7/8	1 1/2	3/8
RR1-WR132 R1-WR132	WR132	3 3/32	2 1/2	1 1/2	1/2

All dimensions shown in inches unless noted otherwise.

WELDED STEEL CHAIN ATTACHMENTS

S1/S2

INDUSTRY: 



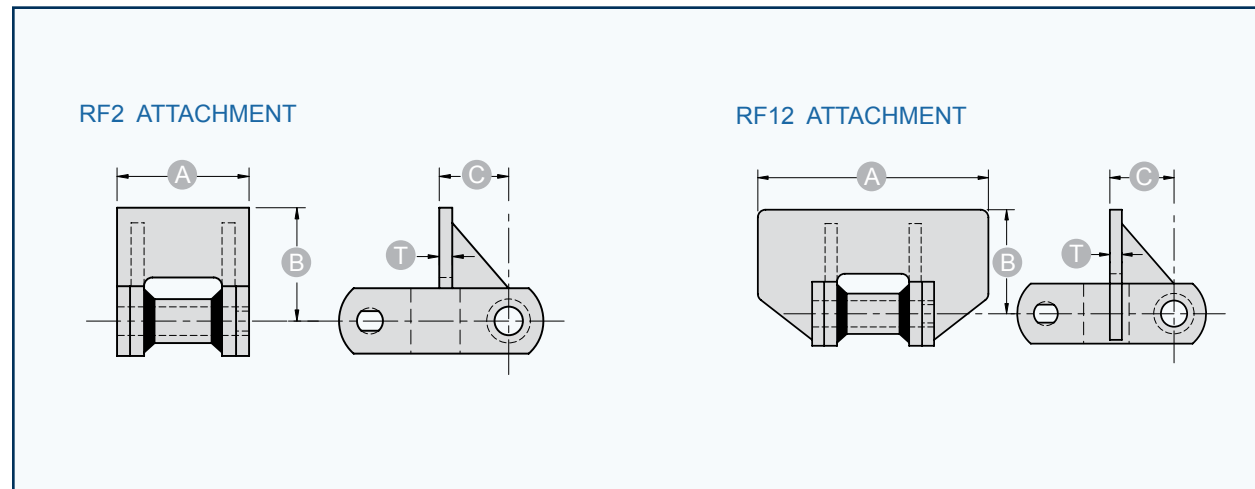
Part Number	For Chain Number	A	B1	B2	C	T
S1-WR124 S2-WR124	WR124	3 ³ / ₄	⁷ / ₈	¹¹ / ₁₆	3 ⁵ / ₈	³ / ₈
S1-WR124XHD S2-WR124XHD	WR124XHD	3 ³ / ₄	1 ¹ / ₈	⁷ / ₈	4 ¹ / ₈	¹ / ₂
S1-WR111 S2-WR111	WR111	4	1	1	4 ³ / ₁₆	³ / ₈
S1-WR106 S2-WR106	WR106	3 ³ / ₄	⁷ / ₈	¹¹ / ₁₆	3 ⁵ / ₈	³ / ₈
S1-WR132 S2-WR132	WR132	5	1 ¹ / ₈	⁷ / ₈	5 ⁷ / ₁₆	¹ / ₂
S1-WR150 S2-WR150	WR150	5 ¹ / ₂	⁷ / ₈	¹ / ₂	5 ⁷ / ₁₆	¹ / ₂

All dimensions shown in inches unless noted otherwise.

WELDED STEEL CHAIN ATTACHMENTS

RF2 + RF12

INDUSTRY:  



Part Number	For Chain Number	A	B	C	T
RF2-WR78 RF12-WR78	WR78	3	2 ¹¹ / ₁₆	⁵ / ₈	¹ / ₄
RF2-WR78XHD RF12-WR78XHD	WR78XHD	3	2 ¹¹ / ₁₆	⁵ / ₈	³ / ₈
RF2-WR82XHD RF12-WR82XHD	WR82XHD	3 ¹ / ₄	2 ³ / ₄	¹³ / ₁₆	³ / ₈
RF2-WR124 RF12-WR124	WR124	4 ¹ / ₄	3 ¹ / ₄	¹³ / ₁₆	³ / ₈
RF2-WR131 RF12-WR131	WR131	6 ¹ / ₂	3 ¹ / ₄	1 ¹ / ₂	¹ / ₂
RF2-WR111 RF2-WRC111 RF12-WR111 RF12-WRC111	WR111 WRC111	7 ³ / ₄	3 ¹ / ₄	1 ¹ / ₂	¹ / ₂
RF2-WR132 RF2-WRC132 RF12-WR132 RF12-WRC132	WR132 WRC132	9	3 ¹ / ₂	1 ¹ / ₂	³ / ₄
RF2-WR150 RF2-WRC150 RF12-WR150 RF12-WRC150	WR150 WRC150	9	3 ¹ / ₂	1 ¹ / ₂	³ / ₄

All dimensions shown in inches unless noted otherwise.



CHAIN + ATTACHMENTS

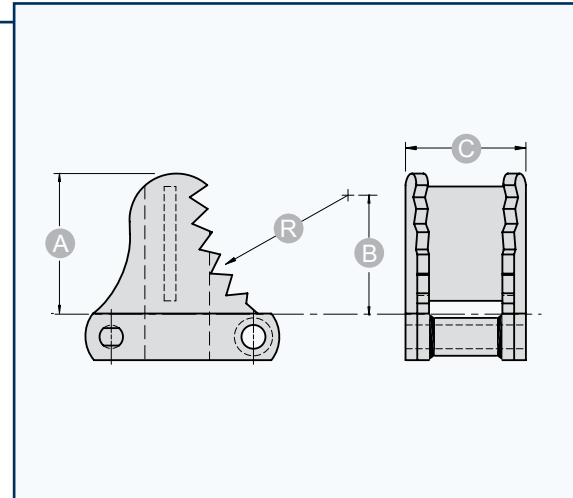
Pages 29-33



CHAIN + ATTACHMENTS

Slasher Flight

INDUSTRY: 



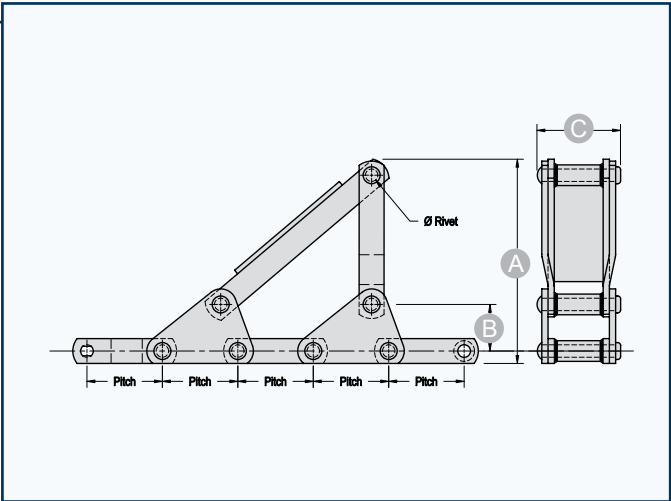
Part Number	For Chain Number	A	B	C	R
Slasher Flight-WR124	WR124	7 $\frac{3}{16}$	6 $\frac{1}{4}$	3 $\frac{5}{8}$	12
Slasher Flight-WR124XHD	WR124XHD	6 $\frac{15}{16}$	6	4 $\frac{1}{8}$	12
Slasher Flight-WR106	WR106	7 $\frac{1}{2}$	6	3 $\frac{5}{8}$	6
Slasher Flight-WR106XHD	WR106XHD	8	6	4 $\frac{1}{8}$	6
Slasher Flight-WR132	WR132	6 $\frac{15}{16}$	6	5 $\frac{7}{16}$	6
Slasher Flight-WR150	WR150	6 $\frac{15}{16}$	6	5 $\frac{7}{16}$	6

All dimensions shown in inches unless noted otherwise.

CHAIN + ATTACHMENTS

Side Lift Log Chair Assembly

INDUSTRY: 



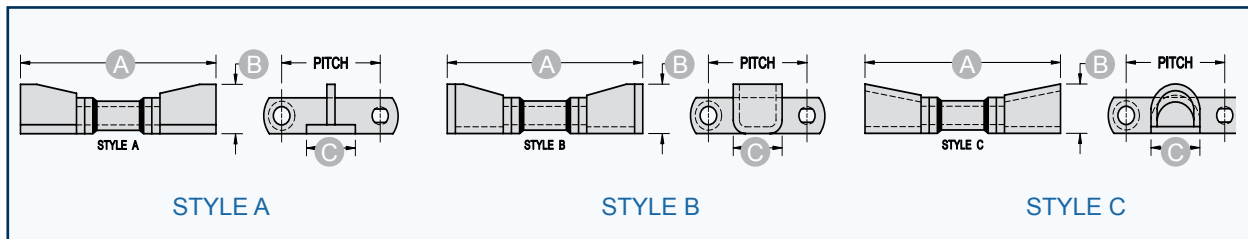
Part Number	For Chain Number	Pitch	A	B	C	Ø Rivet
Side Lift Log Chair Assembly-WR78	WR78	2.609	8 - 14	1 7/8	1 1/4	1/4
Side Lift Log Chair Assembly-WR82	WR82	3.075	10 - 14	1 7/8	1 1/4	1/4
Side Lift Log Chair Assembly-WR124	WR124	4.000	10 - 18	2 7/8	1 1/4	3/8
Side Lift Log Chair Assembly-WR124XHD	WR124XHD	4.050	12 - 18	3	1 1/4	1/4
Side Lift Log Chair Assembly-WR106	WR106	6.000	12 - 20	3 3/4	1 1/4	1/4
Side Lift Log Chair Assembly-WR132	WR132	6.050	12 - 24	3 3/4	1 1/2	3/8
Side Lift Log Chair Assembly-WR132XHD	WR132XHD	6.050	12 - 24	3 3/4	1 1/2	3/8
Side Lift Log Chair Assembly-WR150	WR150	6.050	12 - 24	4	2	1/2
Side Lift Log Chair Assembly-WR157	WR157	6.050	12 - 30	4	1 3/4	3/8

All dimensions shown in inches unless noted otherwise.

CHAIN + ATTACHMENTS

Log Cradles

INDUSTRY: 

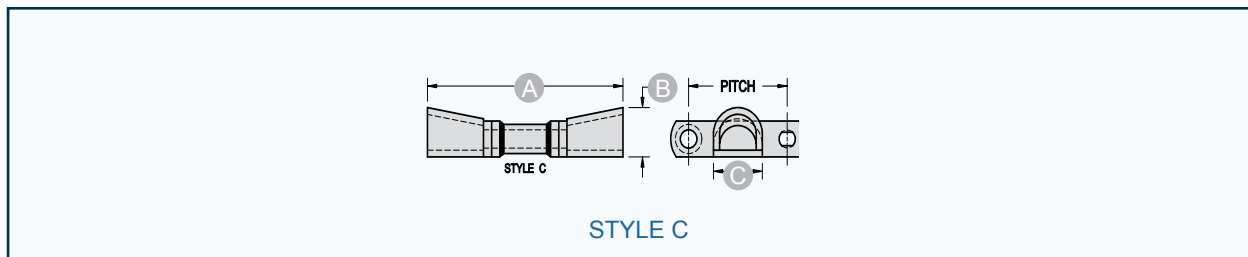


Part Number	For Chain Number	Pitch	A	B	C	A	B	C	A	B	C
			Style A			Style B			Style C		
Log Cradles-WR124	WR124	4.000	8	2 ¼	1 ½	8	2 ½	2 ¼	8	2 ¼	3
Log Cradles-WR124XHD	WR124XHD	4.050	8 ½	3	2 ½	8 ½	3	2 ½	8 ½	2 ¾	3
Log Cradles-WR111	WR111	4.760	8 ½	2 ¼	1 ¾	8 ½	3	2 ¼	8 ½	2 ½	3
Log Cradles-WR106	WR106	6.000	8	2 ¼	3	8	2 ¼	2 ½	8	2 ¼	3
Log Cradles-WR132	WR132	6.050	11	3	3	11	3	3 ¼	11	2 ¾	3 ½
Log Cradles-WR132XHD	WR132XHD	6.050	11 ¼	3	3	11 ¼	3	3 ¼	11 ½	2 ¾	3 ½

All dimensions shown in inches unless noted otherwise.

★ A and B dimensions can easily be altered to meet requirements. Specify A, B and C dimensions when inquiring.

Special Style C



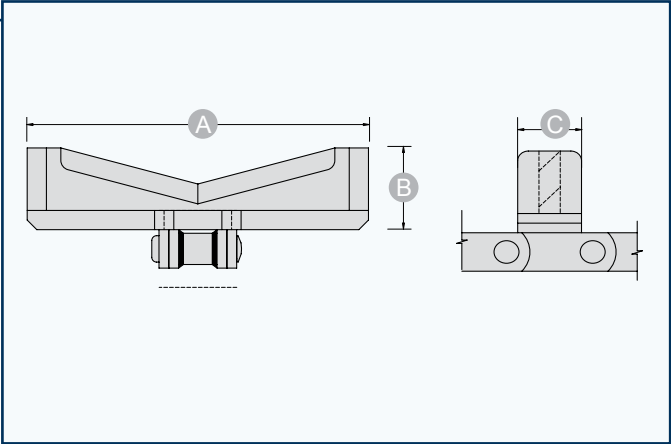
Part Number	For Chain Number	Style C		
		A	B	C
Log Cradles-WR132	WR132	13	3 ½	3 ½
Log Cradles-WR132XHD	WR132XHD	13 ½	3 ½	3 ½

★ A and B dimensions can easily be altered to meet requirements. Specify A, B and C dimensions when inquiring.

CHAIN + ATTACHMENTS

Bevelled V-Flight

INDUSTRY: 



For Chain Number	For Chain Number	A	B	C
Bevelled V-Flight WR82XHD	WR82XHD	17	3 ½	3
Bevelled V-Flight WR124XHD	WR124XHD	12	3 ½	3

All dimensions shown in inches unless noted otherwise.

★ A and B dimensions can easily be altered to meet requirements. Specify A and B dimensions when inquiring.



DRAG CHAIN ATTACHMENTS

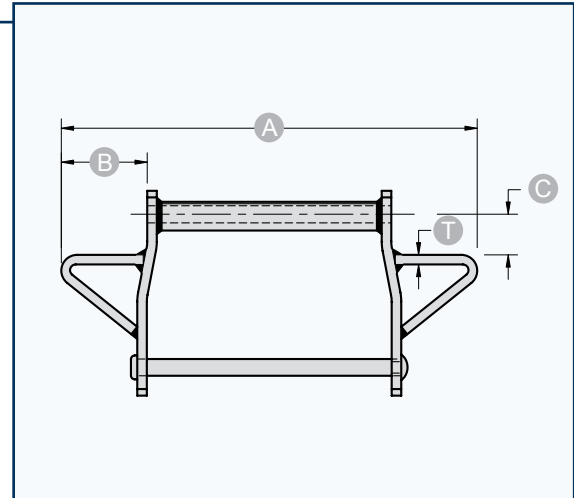
Pages 34-36



DRAG CHAIN ATTACHMENTS

Standard Wing Attachment

INDUSTRY:  



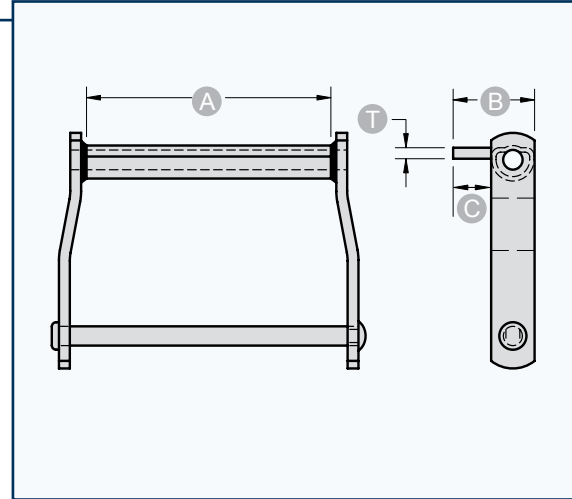
Part Number	For Chain Number	A	B	C	T
Standard Wing WD102	WD102	14 ¼	1 ½	1 ½	⅜
Standard Wing WD104	WD104	11 ½	3	1 ¾	⅜
Standard Wing WD110	WD110	17	3 ⅜	1 ¾	⅜
Standard Wing WD112	WD112	17	3 ⅜	1 ¾	⅜
Standard Wing WD116	WD116	22	3 ⅝	2 ½	⅜
Standard Wing WD118	WD118	22	3 ⅝	2 ½	½
Standard Wing WD118XHD	WD118XHD	22 ¼	3 ⅝	2 ½	½
Standard Wing WD120	WD120	17 ½	3 ⅜	1 ¾	½
Standard Wing WD120XHD	WD120XHD	17 ¾	3 ⅜	1 ¾	½
Standard Wing WD122	WD122	17 ½	3 ⅜	2 ½	½
Standard Wing WD480	WD480	22	4 ⅝	2 ½	½
Standard Wing WD480XHD	WD480XHD	22 ¼	4 ⅝	2 ½	½

All dimensions shown in inches unless noted otherwise.

DRAG CHAIN ATTACHMENTS

"C" Attachments

INDUSTRY:  



For Chain Number	A	B	B	C	B	C	B	C	T
		C1/2*	C1		C3		C4		
WD102	6 1/2	1 1/2	3	1 1/2	3 1/2	2	4 1/2	3	3/8
WD104	4 1/8	1 1/2	3	1 1/2	3 1/2	2	4 1/2	3	3/8
WD110	9	1 1/2	3	1 1/2	3 1/2	2	4 1/2	3	3/8
WD112	9	1 1/2	3	1 1/2	3 1/2	2	4 1/2	3	3/8
WD116	12 7/8	1 3/4	3 1/4	1 1/2	3 3/4	2	4 3/4	3	3/8
WD118	13 3/8	2	3 3/4	1 3/4	4	2	6	4	1/2
WD118XHD	13 3/8	2	3 3/4	1 3/4	4	2	6	4	1/2
WD120	8 3/4	2	3 3/4	1 3/4	4	2	6	4	1/2
WD120XHD	8 3/4	2	3 3/4	1 3/4	4	2	6	4	1/2
WD122	8 3/4	2	3 3/4	1 3/4	4	2	6	4	1/2
WD480	11 1/4	2	3 3/4	1 3/4	4	2	6	4	1/2
WD480XHD	11 1/4	2	3 3/4	1 3/4	4	2	6	4	1/2

All dimensions shown in inches unless noted otherwise.

★ C1/2 attachment is welded to front of barrel. All others are welded on top of barrel.



TRANSFER CHAIN

Pages 37-41

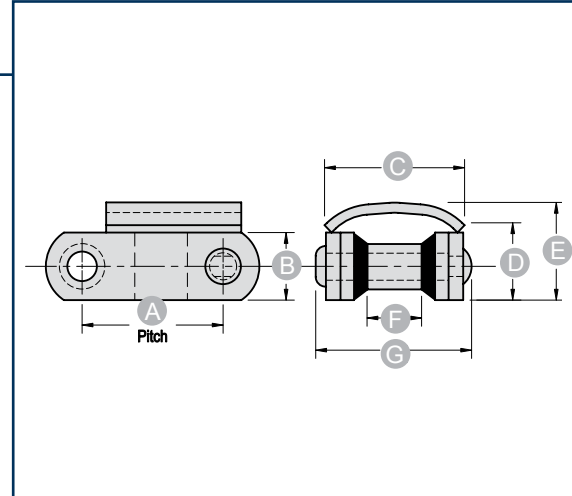


TRANSFER CHAIN

Welded Steel Transfer Chain

Universal Top Chain

INDUSTRY: 

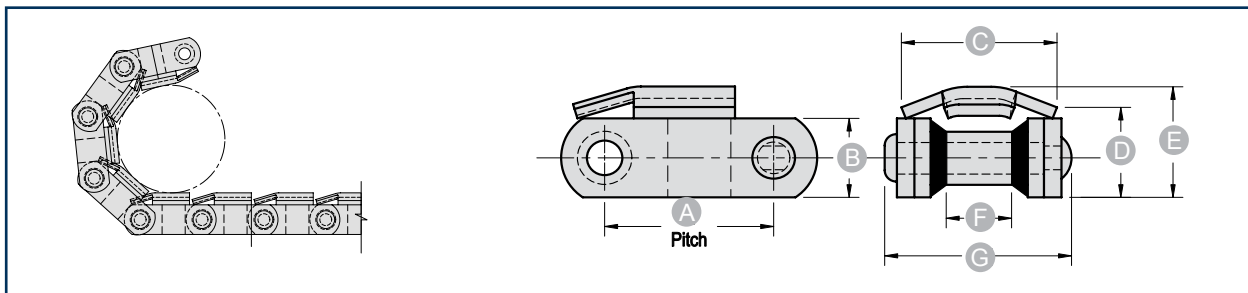


	A	B	C	D	E	F	G		
Part Number	AVG Pitch	Sidebar Height				Max. Sprocket Thickness	Overall Width	Rivet Diameter	AVG Weight per Foot (pounds)
WR78-UT	2.609	1 ¼	2 ½	1 ½	1 ¾	1	3.000	½	6.0
WR138-UT	4.000	1 ¼	2 ½	1 ½	1 ¾	1	3.000	½	4.8
WR78XHD-UT	2.640	1 ¼	3 ⅝	1 ⅝	2.000	1	3.281	0.563	10.7
WR82-UT	3.075	1 ¼	3 ⅝	1 ½	2.000	1 ⅝	3.312	0.563	7.2
WR82XHD-UT	3.075	1 ½	3 ⅝	1 ⅞	2.937	1 ⅝	3.812	¾	12.9
WR124-UT	4.000	1 ½	3 ⅞	1 ⅞	2 ½	1 ½	4 ¼	¾	13.1
WR124XHD-UT	4.050	2	4	2 ¾	3 ¼	1 ½	4 ⅞	1	20.5

All dimensions shown in inches unless noted otherwise.

★ Note: Rooftop available by request

Reverse Articulation Camelback



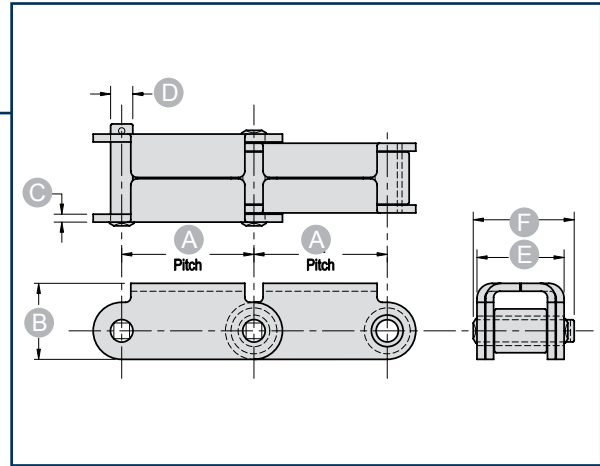
	A	B	C	D	E	F	G		
Part Number	AVG Pitch	Sidebar Height				Max. Sprocket Thickness	Overall Width	Rivet Diameter	AVG Weight per Foot (pounds)
WR78 12" REVERSE CAMELBACK	2.609	1 ¼	2.437	1 ½	1 ¼	1	3	½	6.8

All dimensions shown in inches unless noted otherwise.

TRANSFER CHAIN

81X Steel Camelback

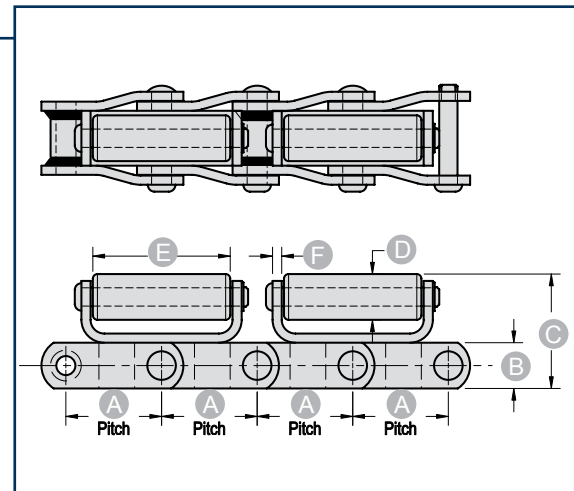
INDUSTRY: 



Part Number	A	B	C1	C2	D	E	F	G	H	Links per Foot	AVG Weight per Foot (pounds)
81X Steel Camelback	2.609	1 1/2	5/32	5/32	1/2	1 3/4	1.937	1 3/8	29/32	4.6	3.3
All dimensions shown in inches unless noted otherwise.											

Nylon Rolltop

INDUSTRY: 

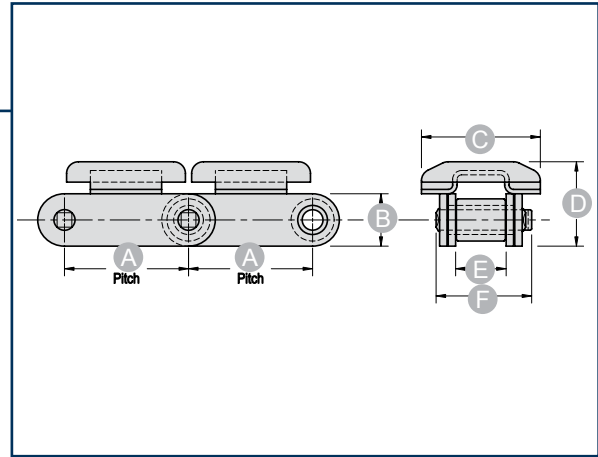


Part Number	A	B	C	D	E	F	G	Links per Foot	AVG Weight per Foot (pounds)
WR78-NYRLT	2.609	1 1/4	3 1/8	1 1/4	4	1/4	3	4.6	6.8
All dimensions shown in inches unless noted otherwise.									

TRANSFER CHAIN

Transfer Chain C/W UHMW Top

INDUSTRY: 

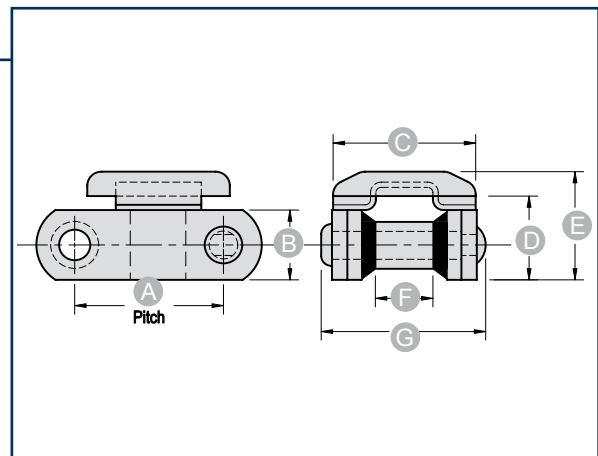


Part Number	A AVG Pitch	B Sidebar Height	C Top Width	D Overall Height	E Max. Sprocket Thickness	F Overall Chain Width	Links per Foot	AVG Weight per Foot (pounds)
81X - UHMW Regular	2.609	1 $\frac{1}{8}$	2 $\frac{5}{8}$	1 $\frac{7}{8}$	$\frac{7}{8}$	2 $\frac{1}{8}$	4.6	3.5
81X - UHMW Narrow	2.609	1 $\frac{1}{8}$	2 $\frac{1}{8}$	1 $\frac{7}{8}$	$\frac{7}{8}$	2 $\frac{1}{8}$	4.6	3.5

All dimensions shown in inches unless noted otherwise.

Welded Steel UHMW Top

INDUSTRY: 



	A	B	C	D	E	F	G		
Part Number	AVG Pitch	Sidebar Height	Top Width		Overall Height	Max Sprocket Width	Overall Chain Width	Links per Foot	AVG Weight per Foot (pounds)
WR78-UHMW	2.609	1 ¼	2 ⅝	1 11⁄₁₆	2	1	3	4.6	5.3
All dimensions shown in inches unless noted otherwise.									

TRANSFER CHAIN

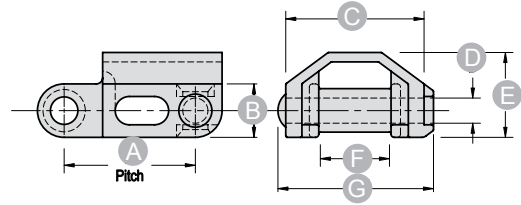
Malleable Cast Steel

INDUSTRY: 

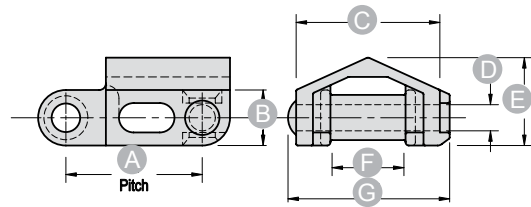
- Cambelback: H78B, H138 (Cast)
- Rooftop: H78A, H130 (Cast)
- Combination: C55A, C55B, C55D



CAMELBACK



ROOFTOP



Part Number	A AVG Pitch	B Sidebar Height	C Roof Width	D Rivet Diameter	E Overall Height	F Max. Sprocket Thickness	G Overall Width	Links per Foot	AVG Weight per Foot (pounds)
H78A	2.609	1 $\frac{1}{16}$	2 $\frac{3}{4}$	$\frac{1}{2}$	1 $\frac{11}{16}$	1	3 $\frac{1}{4}$	4.6	5.7
H78B	2.609	1 $\frac{1}{16}$	2 $\frac{3}{4}$	$\frac{1}{2}$	1 $\frac{11}{16}$	1	3 $\frac{1}{4}$	4.6	6.0
H130	4.000	1 $\frac{7}{64}$	2 $\frac{13}{16}$	$\frac{1}{2}$	1 $\frac{11}{16}$	1	3 $\frac{1}{4}$	3	5.1
H138	4.000	1 $\frac{7}{64}$	2 $\frac{13}{16}$	$\frac{1}{2}$	1 $\frac{11}{16}$	1	3 $\frac{1}{4}$	3	5.3
C55A	1.630	$\frac{3}{4}$	1 $\frac{13}{16}$	$\frac{3}{8}$	1 $\frac{1}{4}$	$\frac{3}{4}$	2	7.4	3.2
C55B	1.630	$\frac{3}{4}$	1 $\frac{13}{16}$	$\frac{3}{8}$	1 $\frac{1}{4}$	$\frac{3}{4}$	2	7.4	3.2
C55D	1.630	$\frac{3}{4}$	1 $\frac{13}{16}$	$\frac{3}{8}$	1 $\frac{1}{4}$	$\frac{3}{4}$	2	7.4	3.2

All dimensions shown in inches unless noted otherwise.





MALLEABLE CHAIN

Pages 43-45

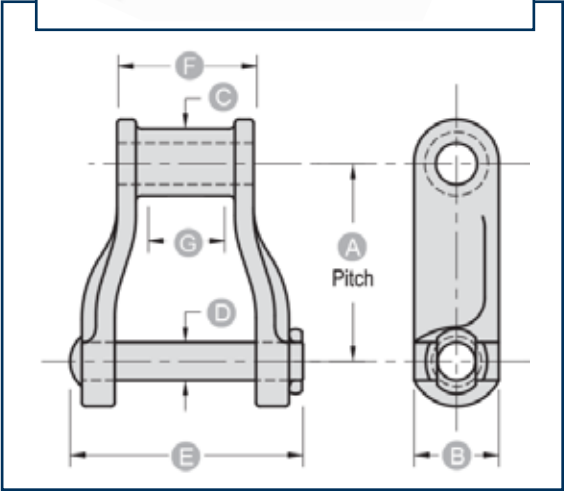


MALLEABLE CHAIN

Malleable Cast Steel Chain

INDUSTRY: 

Mac Malleable Iron Chains are designed for demanding applications such as transfer and conveying purposes. The pin joint permits operation in a moderately dusty or abrasive atmosphere.



	A		B		C		D		E		F		G
Part Number	AVG Pitch	Ultimate Strength (pounds)	Sidebar Height	Barrel O.D.	Rivet Diameter	Overall Width	Length of Bearing	Max Sprocket Thickness					
H60	2.308	7,000	3/4	3/4	5/16	2 17/32	1 1/2	3/4					
H74	2.609	10,000	1	7/8	3/8	2 7/8	1 21/32	1					
H78	2.609	16,000	1 1/8	7/8	1/2	3 13/16	1 7/8	1					
H82	3.075	20,000	1 1/4	1 7/32	9/16	3 7/8	2 1/8	1 1/4					

All dimensions shown in inches unless noted otherwise.

Part Number	Links per Foot	AVG Weight per Foot (pounds)
H60	5.2	2.1
H74	4.6	3
H78	4.6	4.2
H82	3.9	5.5

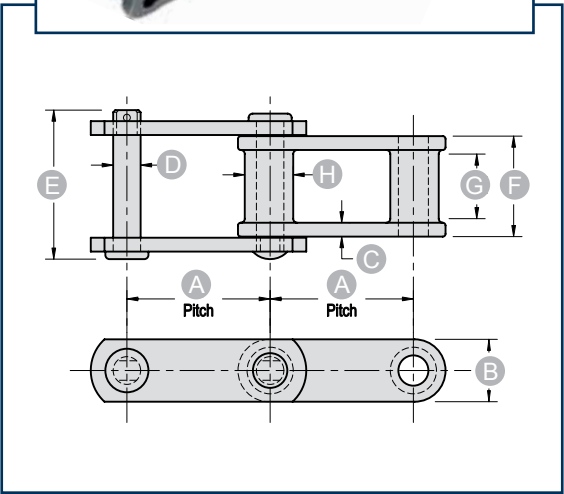
All dimensions shown in inches unless noted otherwise.

MALLEABLE CHAIN

Steel + Malleable Combination Chain

INDUSTRY:  

Combination Chain consists of malleable block links alternated with steel sidebars, which are ideal for welding on steel attachments.



Part Number	A AVG Pitch	Ultimate Strength (pounds)	B Sidebar Height	C Sidebar Thickness	D Rivet Diameter	E Overall Width	F Length of Bearing	G Max. Sprocket Thickness	H Barrel O.D.	Links per Foot	AVG Weight per Foot (pounds)
C55	1.631	9,000	$\frac{3}{4}$	$\frac{3}{16}$	$\frac{3}{8}$	2	$1 \frac{1}{16}$	$\frac{3}{4}$	$\frac{23}{32}$	7.4	2.1
C77*	2.308	11,000	$\frac{7}{8}$	$\frac{3}{16}$	$\frac{7}{16}$	$2 \frac{1}{8}$	$1 \frac{1}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	5.2	3
C188*	2.609	14,000	$1 \frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	$2 \frac{5}{8}$	$1 \frac{9}{16}$	$\frac{7}{8}$	$\frac{7}{8}$	4.6	4.2
C131	3.075	24,000	$1 \frac{1}{2}$	$\frac{3}{8}$	$\frac{5}{8}$	$3 \frac{5}{16}$	2	$1 \frac{1}{8}$	$1 \frac{7}{32}$	3.9	5.5
C102B	4.000	24,000	$1 \frac{1}{2}$	$\frac{3}{8}$	$\frac{5}{8}$	$4 \frac{9}{16}$	$2 \frac{25}{32}$	$1 \frac{3}{4}$	$\frac{31}{32}$	3	4.2

All dimensions shown in inches unless noted otherwise.

*Available with Stainless Steel Rivets and Cotters





STEEL BUSHED ROLLER CHAIN

Pages 47-49



STEEL BUSHED ROLLER CHAIN

Double Pitch Roller Chain

INDUSTRY:  

Mac Steel Bushed Roller chain has high strength providing long wear and lower operating friction helping to increase chain life. Applications included are Asphalt, Sawmills and any other conveying application in difficult operating environments.



Part Number	A AVG Pitch	Ultimate Strength (pounds)	B Sidebar Height	C Sidebar Thickness	D Rivet Diameter	E Overall Width	F Max. Sprocket Thickness	H Roller Diameter	AVG Weight per Foot (pounds)
C2060H	1 ½	12,300	0.670	0.125	0.234	1.221	0.500	0.469	0.930
C2080H	2	20,200	0.890	0.156	0.312	1.528	0.625	0.625	1.560
C2100H	2 ½	30,800	1.126	0.187	0.375	1.800	0.750	0.750	2.330

All dimensions shown in inches unless noted otherwise.

Agricultural Roller Chain

INDUSTRY:  

Mac Agricultural Roller Chain are made of hardened steel components and built for exact fit. Mac Agricultural Chains provide maximum strength and longer wear life within the service range.



Part Number	A AVG Pitch	Ultimate Strength (pounds)	B Sidebar Height	C Sidebar Thickness	D Rivet Diameter	E Overall Width	F Max. Sprocket Thickness	H Roller Diameter	AVG Weight per Foot (pounds)
CA550	1.630	11,250	0.750	0.105	0.281	1 ½	0.7969	0.656	1.300
CA620	1.654	12,000	0.750	0.125	0.281	1 ¾	0.9844	0.696	1.570

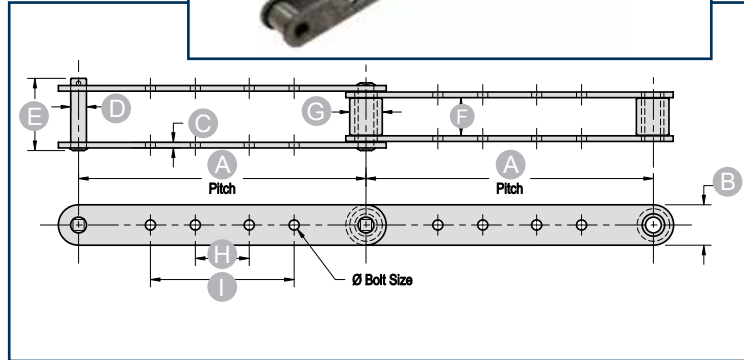
All dimensions shown in inches unless noted otherwise.

STEEL BUSHED ROLLER CHAIN

Extended Pitch Sorter Chain 3939 Series

INDUSTRY: 

- Fully Heat-Treated Superior Alloy Steel
- Solid Bushings and Rollers
- Quad Staked Rivet Design



Part Number	A AVG Pitch	Ultimate Strength (pounds)	B Sidebar Height	C Sidebar Thickness	D Rivet Diameter	E Overall Width	F Max. Sprocket Thickness	G Roller Diameter	H Inner Holes C - C	I Outer Holes C - C	Ø Bolt Size
M3939	8.000	24,000	1 1/8	5/32	7/16	2 1/8	1	29/32	1 1/2	4	9/32
M3939-HD	8.000	37,000	1 1/8	5/32	7/16	2 9/16	1	29/32	1 1/2	4	9/32

All dimensions shown in inches unless noted otherwise.

Extended Pitch Sorter Chain 9" Pitch

INDUSTRY: 

- Fully Heat-Treated Superior Alloy Steel
- Solid Bushings and Rollers
- Quad Staked Rivet Design



Part Number	A AVG Pitch	Ultimate Strength (pounds)	B Sidebar Height	C1 Sidebar Thickness	C2 Sidebar Thickness	D Rivet Diameter	E Overall Width	F Max. Sprocket Thickness	G Roller Diameter	H Inner Holes C - C	Ø Bolt Size	Links per Foot	AVG Weight per Foot (pounds)
M900	9.000	28,000	1.580	.170	.200	3/4	2 3/16	5/8	1 7/8	4	3/8	1.33	3.1

All dimensions shown in inches unless noted otherwise.



STEEL BUSHED ROLLER CHAIN ATTACHMENTS

Pages 50-51

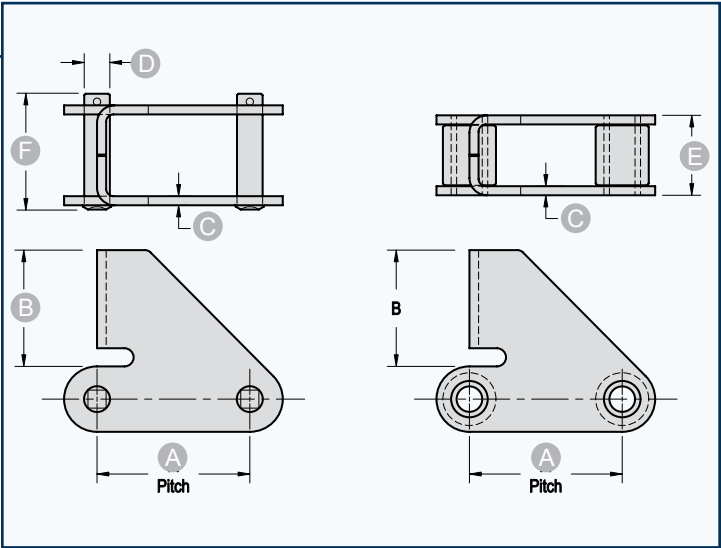


STEEL BUSHED ROLLER CHAIN ATTACHMENTS

81X Integral Pusher Lug

INDUSTRY: 

Mac 81X Integral Pusher Lugs are used in many sawmill applications.



Part Number	For Chain Number	A AVG Pitch	B Pusher Height	C Sidebar Thickness	D Rivet Diameter	E Roller Link Width	F Conn Link Width	Links per Foot	AVG Weight per Foot (pounds)
81X Integral Pusher Lug	81X	2.609	2	5/32	7/16	1 3/8	2 1/8	4.6	1.0

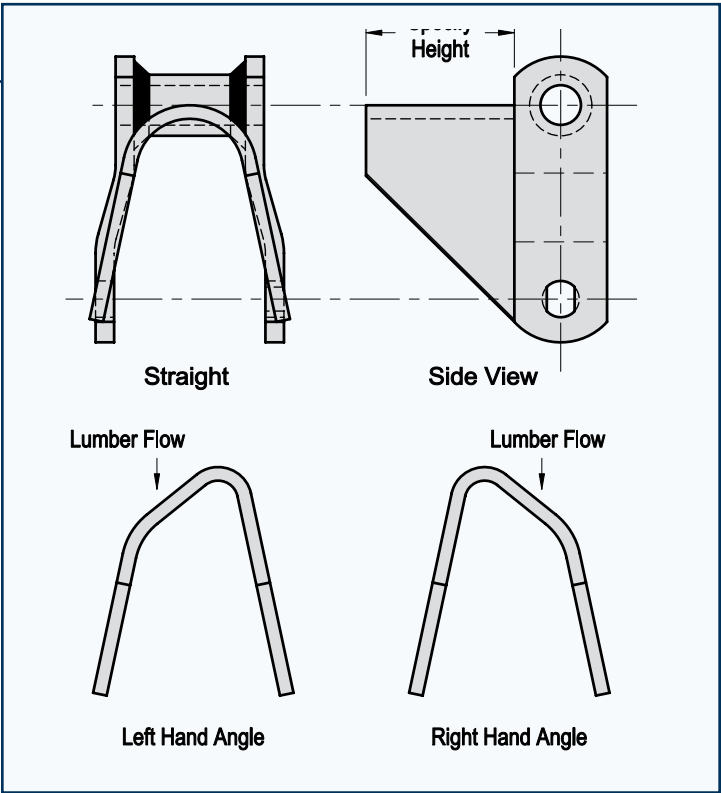
All dimensions shown in inches unless noted otherwise.

Fabricated Steel Bullnose Pusher Lug

INDUSTRY: 

Mac Fabricated Steel Bullnose Pusher Lugs are used in many sawmill applications.

- Taper or Square Back
- Standard Heights: 2", 2.5", 3"
- Custom sizes available
- For Chain Numbers: 81X1, 81XHD, 81XXHD, WR78, LXS882





TRIMMER CHAIN ATTACHMENTS

Pages 52-53

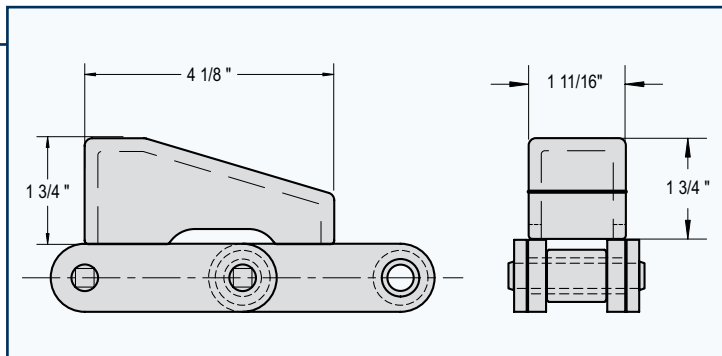


TRIMMER CHAIN ATTACHMENTS

"Mac 327" Cast Steel Pusher Lug

INDUSTRY: 

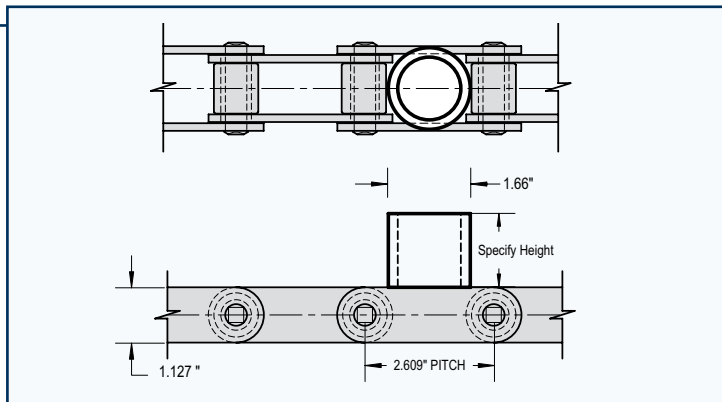
Mac 327 Cast Steel Pusher Lugs are used in many sawmill applications. The 327 Pusher Lugs are best suited for 81X, 81XHD, 81XXHD, WR78 and LXS882 series chain.



Pipe Pusher Lugs

INDUSTRY: 

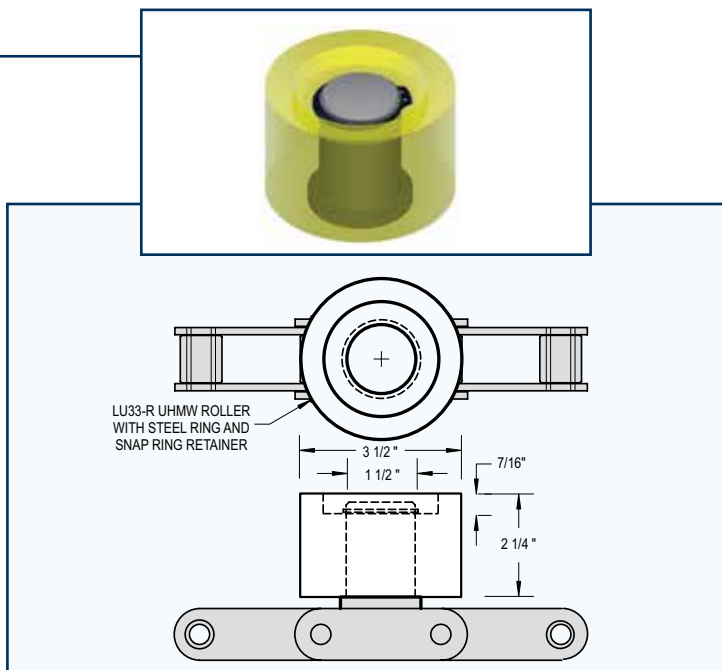
- For Chain Numbers: 81X1, 81XHD, 81XXHD, WR78, LXS882



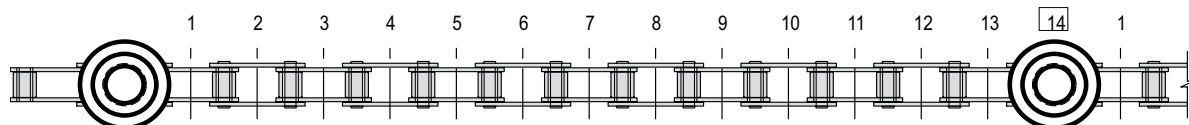
UHMW Roller Lugs

INDUSTRY: 

- Outside diameter and heights can be manufactured to specific requirements
- Rollers can be attached by snap ring or weld washer
- Ideal for use on the following chains: C2060H, C2080H



HOW TO DETERMINE SPACING





ROLLER CHAIN ATTACHMENTS

Pages 54-55

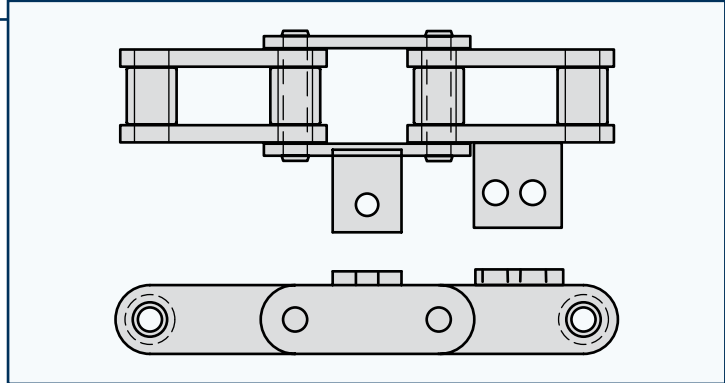


ROLLER CHAIN ATTACHMENTS

A1 + A2 Attachments

INDUSTRY:    

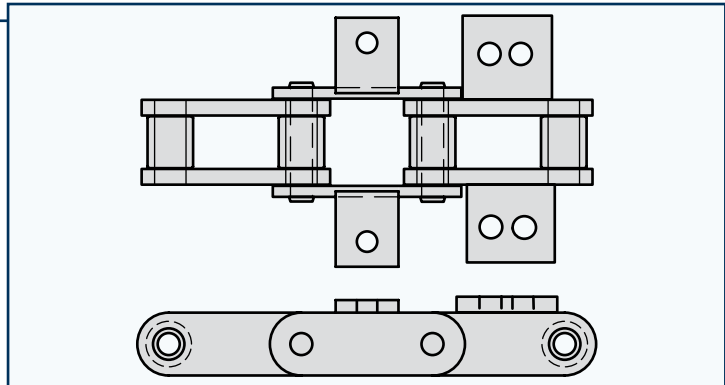
- Lug One Side
- A1: One Hole
- A2: Two Holes
- For Chain Numbers: C2060H, C2080H, C2100H, CA550, CA620



K1 + K2 Attachments

INDUSTRY:    

- Lugs Both Sides
- K1: One Hole
- K2: Two Holes
- For Chain Numbers: C2060H, C2080H, C2100H, CA550, CA620







ENGINEERED CLASS CHAIN

Pages 57-59

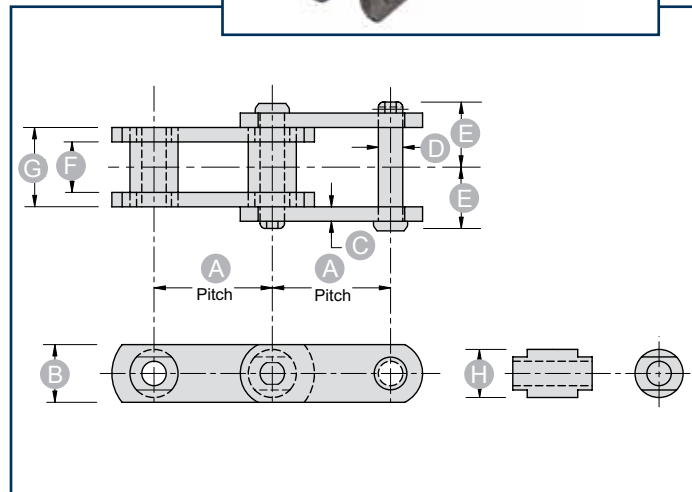


ENGINEERED CLASS CHAIN

Steel Bushed

INDUSTRY:     

Mac Engineering Class Chains are designed to withstand rigorous operating conditions across a range of applications.



Part Number	A	Ultimate Strength (pounds)	B	C1	C2	D	E	F	G	H	Links per Foot	AVG Weight per Foot (pounds)
MS188	2.609	25,000	1 1/8	1/4	1/4	1/2	2 11/16	1	1 9/16	7/8	4.6	3.8
MS131	3.075	40,000	1 1/2	3/8	3/8	5/8	3 3/16	1 1/8	2	1 1/4	3.9	8.3
MS102B	4.000	40,000	1 1/2	3/8	3/8	5/8	4 11/32	2	2 7/8	1	3.0	6.9
MS110	6.000	40,000	1 1/2	3/8	3/8	5/8	4 11/32	2	2 7/8	1 1/4	2.0	6.3

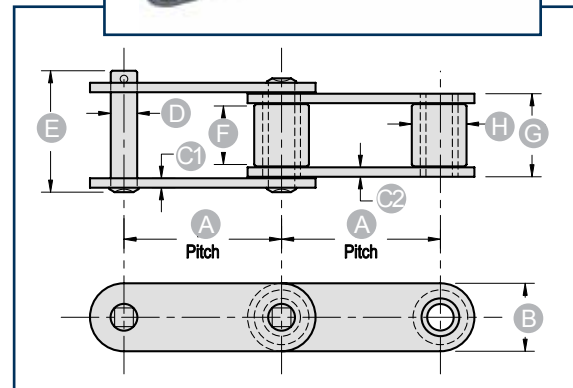
All dimensions shown in inches unless noted otherwise.

ENGINEERED CLASS CHAIN

Steel, Bushed, Roller - Straight Sidebar

INDUSTRY:      

- Fully heat-treated superior alloy steel
- Solid bushings and rollers
- Quad staked rivet design



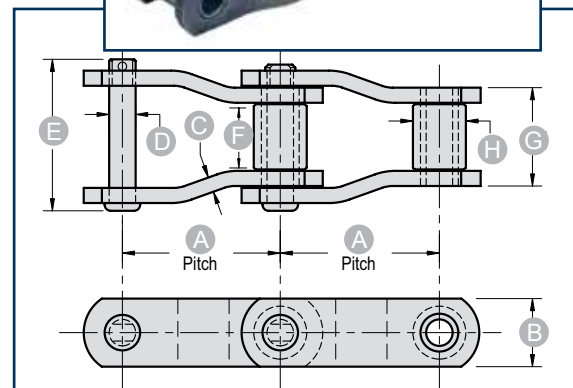
	A		B	C1	C2	D	E	F	G	H		
Part Number	AVG Pitch	Ultimate Strength (pounds)	Sidebar Height	Outer Sidebar Thickness	Inner Sidebar Thickness	Rivet Diameter	Overall Width	Max. Sprocket Thickness	Length of Bearing	Roller Diameter	Links per Foot	AVG Weight per Foot (pounds)
81X	2.609	24,000	1 1/8	5/32	5/32	7/16	2 1/8	7/8	1 3/8	29/32	4.6	2.6
81X-HD	2.609	42,800	1 1/4	7/32	5/16	7/16	2 9/16	7/8	1 11/16	29/32	4.6	4.0
81X-XHD	2.609	42,800	1 1/4	5/16	5/16	7/16	2 3/4	7/8	1 7/8	29/32	4.6	4.5

All dimensions shown in inches unless noted otherwise.

Steel, Bushed, Roller - Offset Sidebar

INDUSTRY:      

- Fully heat-treated superior alloy steel
- Solid bushings and rollers
- Quad staked rivet design



	A		B	C	D	E	F	G	H		
Part Number	AVG Pitch	Ultimate Strength (pounds)	Sidebar Height	Sidebar Thickness	Rivet Diameter	Overall Width	Max. Sprocket Thickness	Length of Bearing	Roller Diameter	Links per Foot	AVG Weight per Foot (pounds)
LXS882	2.609	29,000	1 1/8	1/4	7/16	2 1/2	7/8	1 21/32	7/8	4.6	3.6

All dimensions shown in inches unless noted otherwise.



BUSHED ENGINEERED CLASS CHAIN ATTACHMENTS

Pages 60-61

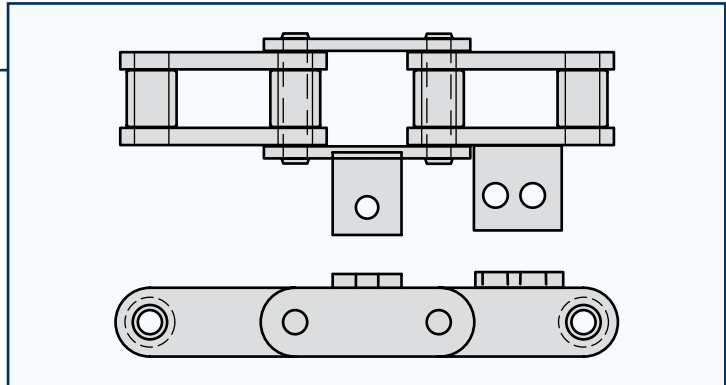


BUSHED ENGINEERED CLASS CHAIN ATTACHMENTS

A1 + A2 Attachments

INDUSTRY:      

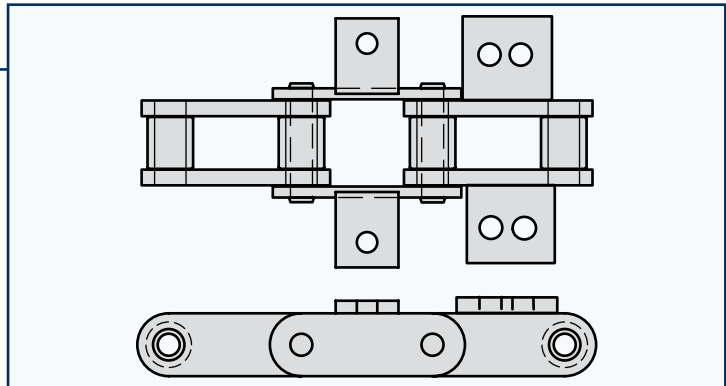
- Lug One Side
- A1: One Hole
- A2: Two Holes
- For Chain Numbers: MS188, MS131, MS102B, MS110



K1 + K2 attachments

INDUSTRY:      

- Lugs Both Sides
- K1: One Hole
- K2: Two Holes
- For Chain Numbers: MS188, MS131, MS102B, MS110







LONG LINK CHAIN

Page 63-64



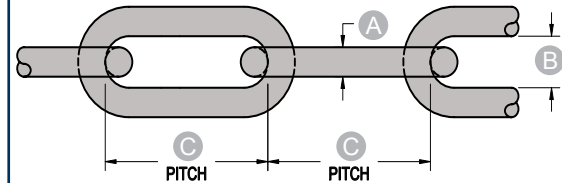
LONG LINK CHAIN

Alloy Steel Long Link Chain

INDUSTRY:  

Manufactured from high quality AISI/SAE 1330 grade alloy steel and heat treated to 34 – 36 Rc, our chain provides superior wear characteristics compared to regular steel long link chain. It is designed to operate over a sprocket and is mainly used in sawmills for conveying sawdust, chips and refuse. It is particularly suitable for exposure to heat such as ash conveyors.

We can supply any flight attachment required, either factory-installed or shipped loose with or without chain. Common flights are shown on pages following.



Part Number	^A Diameter	^B Inside Width	^C Inside Length (pitch)	Minimum Breaking Load	Proof Test Load	Maximum Working Load	Weight per Foot
7/8 IN x 1 1/2 IN x 6 IN	7/8	1 1/2	6	93,000	41,000	20,540	5.4
1 IN x 1 3/4 IN x 6 IN	1	1 3/4	6	122,000	54,000	27,000	7.2
1 1/8 IN x 2 IN x 6 IN	1 1/8	2	6	143,000	64,000	32,000	9.5
1 1/4 IN x 2 IN x 6 IN*	1 1/4	2	6	180,000	82,000	41,000	13.0

All dimensions shown in inches and weights shown in pounds unless noted otherwise.

Alloy Steel Lap Links

Our joiner Lap Links are made from the same high quality material as our Long Link chain to ensure consistent strength after installation.

- Used for Long Link field connection
- Also available in Side Cut style





LONG LINK ATTACHMENTS

Pages 65-69



ALLOY LONG LINK ATTACHMENTS

UHMW Dozer Flight

INDUSTRY: 

- Fits most common sizes of 6" Long Link Chain
- Simply slip over 1" x 3" flat bar
- Quiet operation
- Quick and easy to install
- Low coefficient of friction



UHMW Flat Bar Flight

INDUSTRY: 

- Simple design
- Easy installation
- Reduces wear of conveyor bottom
- Low coefficient of friction

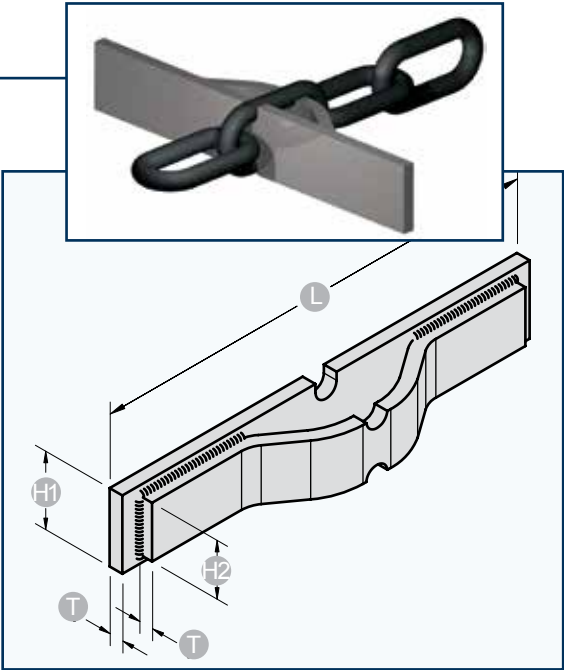


FABRICATED STEEL SKOOKUM FLIGHTS ATTACHMENTS

Fabricated Steel Skookum Flights

INDUSTRY: 

Mac Fabricated Steel Skookum Flights may be installed at our plant or shipped separately for your installation at the job site.



For Chain Number	L Width	H1 Height (1)	H2 Height (2)	T T	Weight
7⁄8 IN x 1 1⁄2 IN x 6 IN	12	4	3	5⁄8	14.9
	14	4	3	5⁄8	17.19
	16	4	3	5⁄8	19.47
	18	4	3	5⁄8	21.76
	20	4	3	5⁄8	24.04
	22	4	3	5⁄8	26.32
	24	4	3	5⁄8	28.6
All dimensions shown in inches unless noted otherwise.					

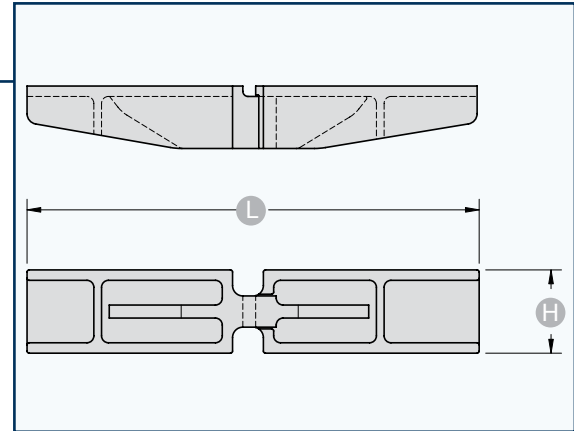
1 IN x 1 3⁄4 IN x 6 IN 1 1⁄2 IN x 2 IN x 6 IN 1 1⁄4 IN x 2 IN x 6 IN*	12	4	3	3⁄4	19.3
	14	4	3	3⁄4	22.10
	16	4	3	3⁄4	25.08
	18	4	3	3⁄4	28.05
	20	4	3	3⁄4	31.09
	22	4	3	3⁄4	34.01
	24	4	3	3⁄4	36.99
All dimensions shown in inches unless noted otherwise.					

CAST STEEL TANG FLIGHTS ATTACHMENTS

Cast Steel Tang Flights

INDUSTRY: 

Mac Fabricated Steel Skookum Flights may be installed at our plant or shipped separately for your installation at the job site.



For Chain Number	Width ^L	Height ^H	Weight
7/8 IN x 1 1/2 IN x 6 IN	12	4	15
	14	4	17
	16	4	18
	18	4	19
	20	4	20
	22	4	25
	24	4	27

All dimensions shown in inches unless noted otherwise.

For Chain Number	Width ^L	Height ^H	Weight
1 IN x 1 3/4 IN x 6 IN	12	4	16
	14	4	18
	16	4	19
	18	4	21
	20	4	22
	22	4	26
	24	4	28

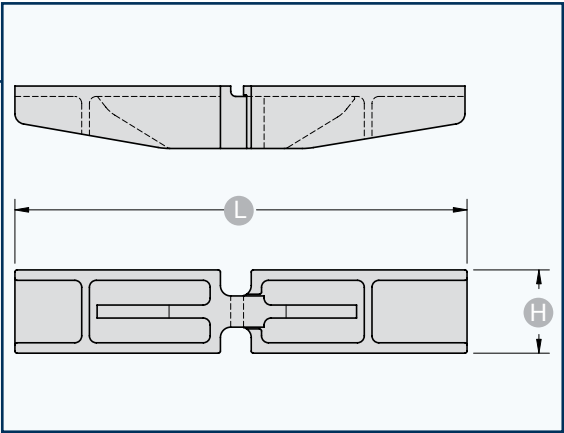
All dimensions shown in inches unless noted otherwise.

CAST STEEL TANG FLIGHTS ATTACHMENTS

Cast Steel Tang Flights (cont'd)

INDUSTRY: 

Mac Fabricated Steel Skookum Flights may be installed at our plant or shipped separately for your installation at the job site.



For Chain Number	L Width	H Height	Weight
1⅝ IN x 2 IN x 6 IN 1¼ IN x 2 IN x 6 IN*	20	5	40
	22	5	42
	24	5	44
	26	5	46
	28	5	48
	30	5	50
	32	5	52
	34	5	54
	36	5	57

All dimensions shown in inches unless noted otherwise.
 *Special order only not carried in stock





STEEL PINTLE CHAIN

Pages 71-73



STEEL PINTLE CHAIN

Pintle Chain

INDUSTRY:      



Mac Steel Pintle Chain (open barrel design) are recommended for a wide range of applications such as spreaders, feeder systems, hay handling equipment and spray box applications.

- One-piece fully heat-treated steel link
- Quad-Staked pin construction
- Open barrel design will eliminate chain freezing
- A full line of custom attachments and sprockets are available

	A		B	C	D	E	F		
Part Number	AVG Pitch	Ultimate Strength (pounds)	Sidebar Height	Sidebar Thickness	Rivet Diameter	Overall Width	Max. Sprocket Thickness	Links per Foot	AVG Weight per Foot (pounds)
M662	1.664	11,000	.720	.125	.281	1.720	.750	7.2	1.05
M667X	2.250	21,000	.938	.170	.437	2.156	.875	5.3	1.86
M667H	2.313	12,500	.875	.125	.312	1.906	.875	5.2	1.65
M667KC	2.250	30,000	1.062	.200	.437	2.359	.875	5.30	2.56
M667XH	2.250	28,000	1.05	.225	.465	2.414	.875	5.30	2.8
M88K	2.609	24,500	1.063	.200	.437	2.315	1	4.6	2.3
M88C	2.609	38,000	1.125	.250	.500	2.842	1	4.6	3.3
M308C	3.075	50,000	1.500	.312	.625	2.859	1.125	3.9	5.63

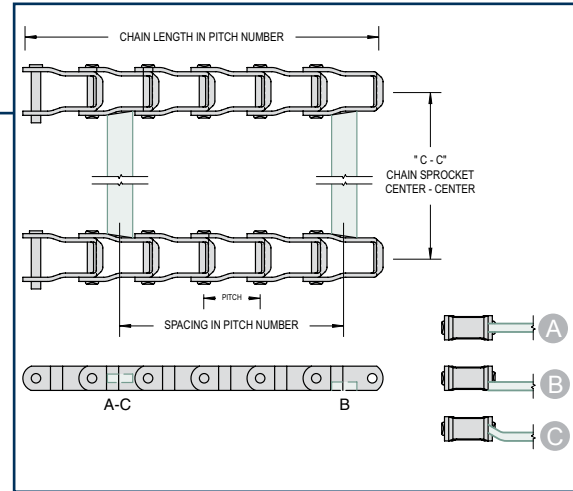
All dimensions shown in inches unless noted otherwise.

STEEL PINTLE CHAIN

Sander Chain

INDUSTRY:    

Mac Steel Pintle Chain (open barrel design) is ideal for salting and sanding applications. The open barrel design virtually eliminates freeze-up due to corrosion. The open barrel design allows easy access for lubrication and wear inspection. Mac Chain manufactures, ready-to-use, completely customized assemblies for any truck within a few days.



Part Number	^A AVG Pitch	Ultimate Strength (pounds)	^B Sidebar Height	^C Sidebar Thickness	^D Rivet Diameter	^E Overall Width	^F Max. Sprocket Thickness	Links per Foot	AVG Weight per Foot (pounds)
M662-A	1.664	11,000	.720	.125	.281	1.720	.750	7.2	1.4
M667X-A	2.250	21,000	.938	.170	.437	2.156	.875	5.33	1.92
M667H-A	2.313	12,500	.875	.125	.312	1.906	.875	5.2	1.65
M667K-A	2.250	24,500	1.062	.200	.437	2.359	1	5.33	2.56
M667KC-A	2.250	30,000	1.062	.200	.437	2.359	1	5.33	2.56
M667XH-A	2.250	28,000	1.05	.225	.465	2.414	1	5.33	2.8
C77SS	2.308	11,000	.875	.1875	.4375	2.125	.750	4.6	3

All dimensions shown in inches unless noted otherwise.



STEEL PINTLE ATTACHMENTS

Pages 74-75



STEEL PINTLE CHAIN ATTACHMENTS

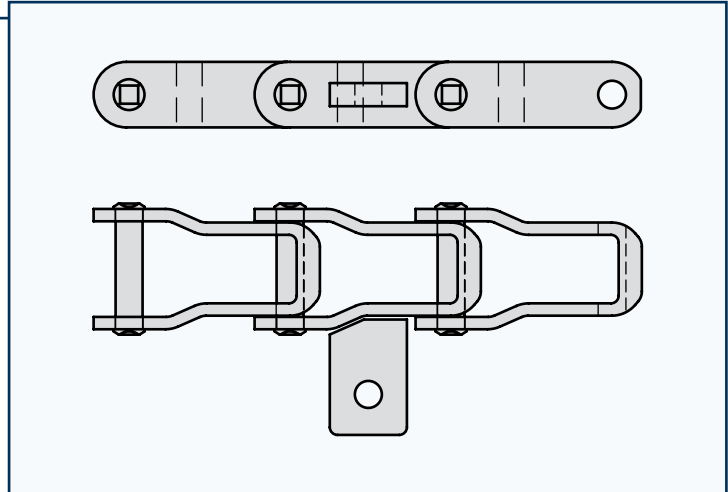
AS Attachments

INDUSTRY:      

Mac Chain offers a wide variety of weld on attachments to suit industry standards. Mac Chain can also produce any custom attachments that may be required to suit your specific application.

Please visit our website or contact your closest customer service department for attachment details.

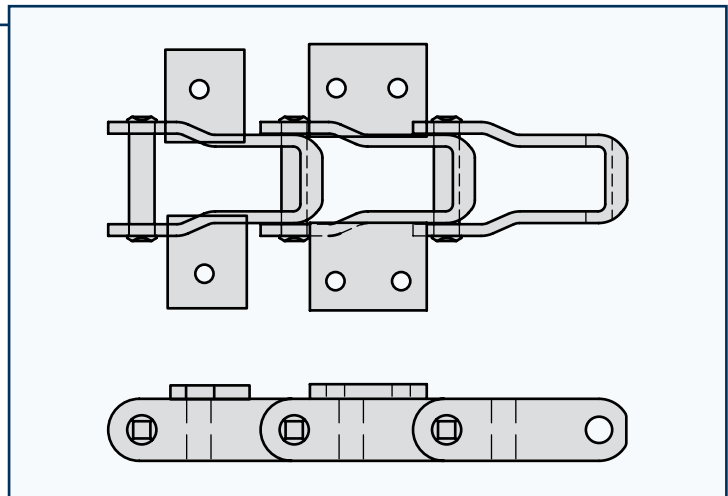
- For Chain Numbers: M662, M667X, M667H, M667K, M667KC, M667XH, M88K, M88C, M308C



K1 + K2 Attachments

INDUSTRY:      

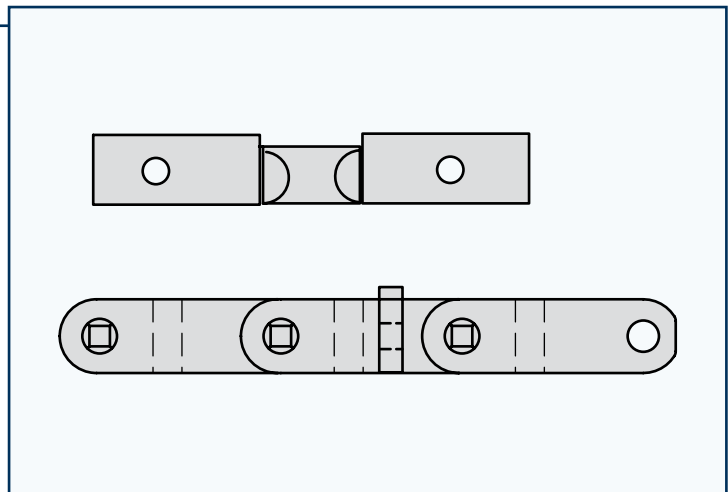
- For Chain Numbers: M662, M667X, M667H, M667K, M667KC, M667XH, M88K, M88C, M308C



FS5 Attachments

INDUSTRY:      

- For Chain Numbers: M662, M667X, M667H, M667K, M667KC, M667XH, M88K, M88C, M308C







SPECIAL APPLICATION CHAIN

Pages 77-81



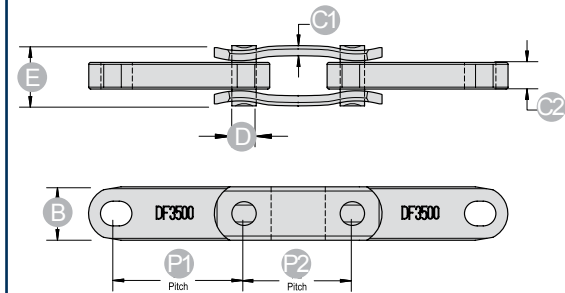
SPECIAL APPLICATION CHAIN

DF3500 Double-Flex Chain

INDUSTRY:  

Mac DF3500 Double Flex Chain is designed to flex laterally at two planes allowing it to travel around corners and obstacles. This chain is ideal for a wide variety of applications in the material handling industry.

- Manufactured to Mac Chain specifications to provide Economy, Quality and Reliability
- Meets or exceeds industry standards providing a strong, long-lasting in-floor conveyor
- Induction-Hardened wear surfaces for the ultimate in wear resistance



	P1	P2		B	C1	C2	D	E		
Part Number	AVG Pitch	AVG Pitch	Ultimate Strength (pounds)	Sidebar Height	Outer Sidebar Thickness	Inner Block Line Thickness	Rivet Diameter	Max. Overall Width	Minimum Flex Radius	Average Weight per Foot (pounds)
DF3500	3	2 ½	48,000	1 ¼	¼	⅝	⅞	1 ⅞	20	3.3

All dimensions shown in inches unless noted otherwise.

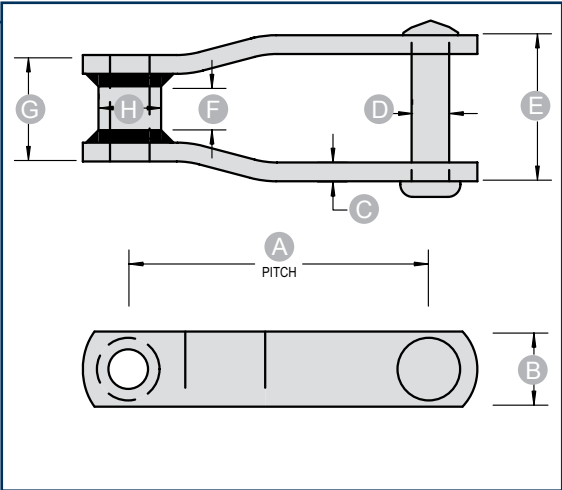
SPECIAL APPLICATION CHAIN

Welded Steel Waste Water Chain

INDUSTRY:  

Class 700 Welded Steel Chain is generally used in waste water and sewage treatment plants. Manufactured in North America using a select grade of alloy steel these chains offer greater strength and wearability over their cast counterparts.

- Easy attachment weldability
- All pins are through-hardened
- Fully heat-treated components available upon request



Part Number	A AVG Pitch	Ultimate Strength (pounds)	WH* Ultimate Strength (pounds)	B Sidebar Height	C Sidebar Thickness	D Pin Diameter	E Max. Overall Width	F Length of Bearing	G Max. Sprocket Thickness	H Roller Diameter	Links per Foot	AVG Weight per Foot (pounds)
WR720S	6.000	42,500	50,400	1 ½	⅜	¾	3 ⅞	1 ⅛	2 ⅛	1 ¼	2	6
WR730S	6.000	42,500	50,400	1 ¾	⅜	¾	3 ⅞	1 ⅛	2 ⅛	1 ¼	2	6.78

All dimensions shown in inches unless noted otherwise.

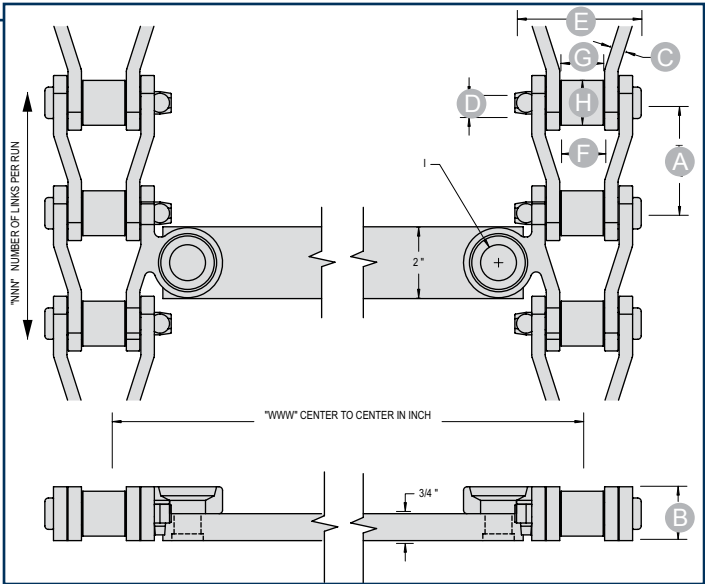
*WH denotes Heat-Treated

SPECIAL APPLICATION CHAIN

Paver Chain

INDUSTRY:  

- Engineered For Reliability With A Commitment To Quality
- Interchangeable For Most Equipment Manufacturers Using 3.075 Inch Pitch Asphalt Chains With Crossbars
- Attachment Is Integrally Cast Into The Sidebar For Increase Service Life



	A		B	C	D	E	F	G	H		
Part Number	AVG Pitch	Ultimate Strength (pounds)	Sidebar Height	Sidebar Thickness	Pin Diameter	Max. Overall Width	Max. Sprocket Thickness	Length of Bearing	Roller Diameter	Links per Foot	Average Weight per Foot (pounds)
SS40SL	3.075	60,000	1 ½	3/8	5/8	2 13/16	1 3/16	20	3.3	3.9	3.30

All dimensions shown in inches unless noted otherwise.

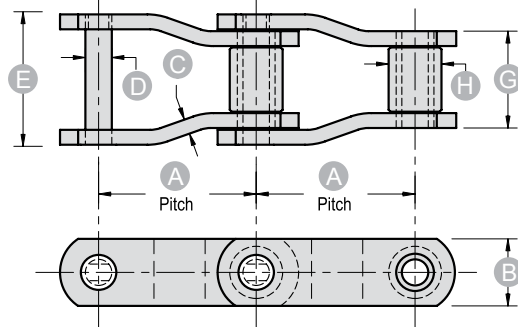
SPECIAL APPLICATION CHAIN

High Speed DLI/Scanner Chain

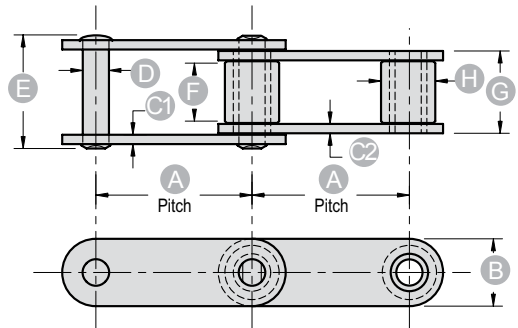
INDUSTRY: 

Mac High speed DLI Scanner Chains are designed for rigged; abrasive and demanding sawmill applications. The DLI design offers thru hardened pin and heavier roller links and plates to increase the overall tensile strength.

MRB (Offset Sidebars)

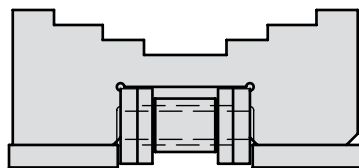


MRBC (Straight Sidebars)

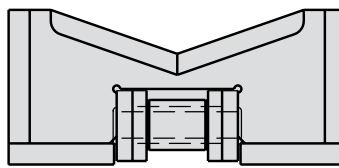


Part Number	A	Ultimate Strength (pounds)	B	C1	C2	D	E	F	G	H	Links per Foot	Average Weight per Foot (pounds)
MRB124 Narrow	4.073	170,000	2 ½	½	N/A	0.937	3 ⅝	1 ⅝	2.281	1.781	3	16.3
MRB124 Wide	4.073	170,000	2 ½	½	N/A	0.937	4 ½	2	3.156	1.781	3	18.4
MRBC100	100mm	170,000	2 ½	½	½	0.937	3 ⅝	1	2.125	1.781	3	15.5
MRBC124	4.073	170,000	2 ½	½	½	0.937	3 17/32	1 ⅝	2.281	1.781	3	16.3
MRB2512	3.067	110,000	2 ¼	¾	N/A	0.750	3 ⅞	1 ¼	2.328	1.629	3.9	12.8

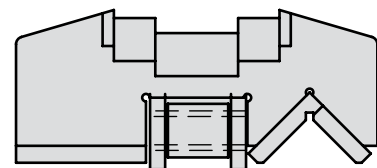
All dimensions shown in inches unless noted otherwise.



(DLI Stepped Profile)



(DLI V Profile)



(DLI V Guide)



WASTE WATER CHAIN ATTACHMENTS

Pages 82-83

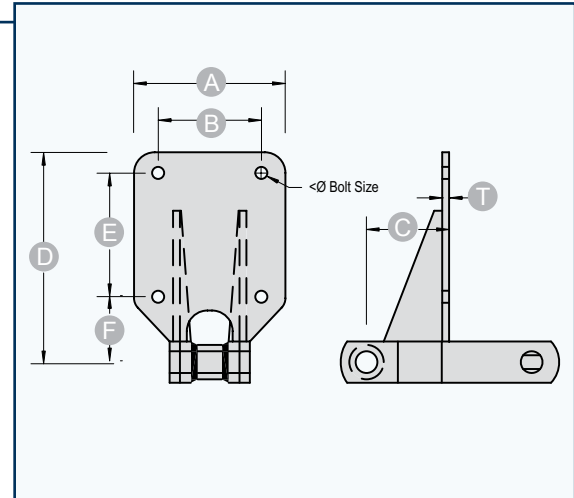


WASTE WATER CHAIN ATTACHMENTS

700 Class F22

INDUSTRY:  

Mac Chain offers a wide variety of weld on attachments to suit industry standards. Mac Chain can also produce any custom attachments that may be required to suit your specific application.



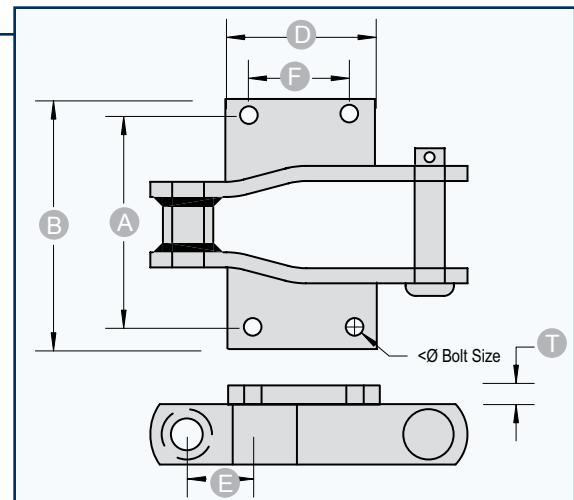
Part Number	For Chain Number	A	B	C	D	E	F	T	Ø Bolt Size
700 Class F22 F22-6	WR720S	5	3 ¾	3	6	2 ⅝	2 ⅜	¼	⅜
700 Class F22 F22-8	WR730S	5	3 ¾	3	7 ⅞	4 ½	2 ⅜	¼	⅜

All dimensions shown in inches unless noted otherwise.

700 Class K2

INDUSTRY:  

Mac Chain offers a wide variety of weld on attachments to suit industry standards. Mac Chain can also produce any custom attachments that may be required to suit your specific application.



Part Number	For Chain Number	A	B	C	D	E	F	T	Ø Bolt Size
700 Class K2 - WR720S	WR720S	6	7 ½	1 ⅞	2 ⅝	2 ⅝	⅝	½	⅝
700 Class K2 - WR730S	WR720S	6	7 ½	1 ⅞	4 ½	2 ⅝	⅝	½	⅝

All dimensions shown in inches unless noted otherwise.



PINS



- Mill Chain H + C Type Pin
- Drag Chain Pin
- Malleable Chain Pin
- Pintle Chain Pin
- Engineer Class Pin
- Custom Pin

- # PINS
- 
- Mill Chain H + C Type Pin
 - Drag Chain Pin
 - Malleable Chain Pin
 - Pintle Chain Pin
 - Engineer Class Pin
 - Custom Pin

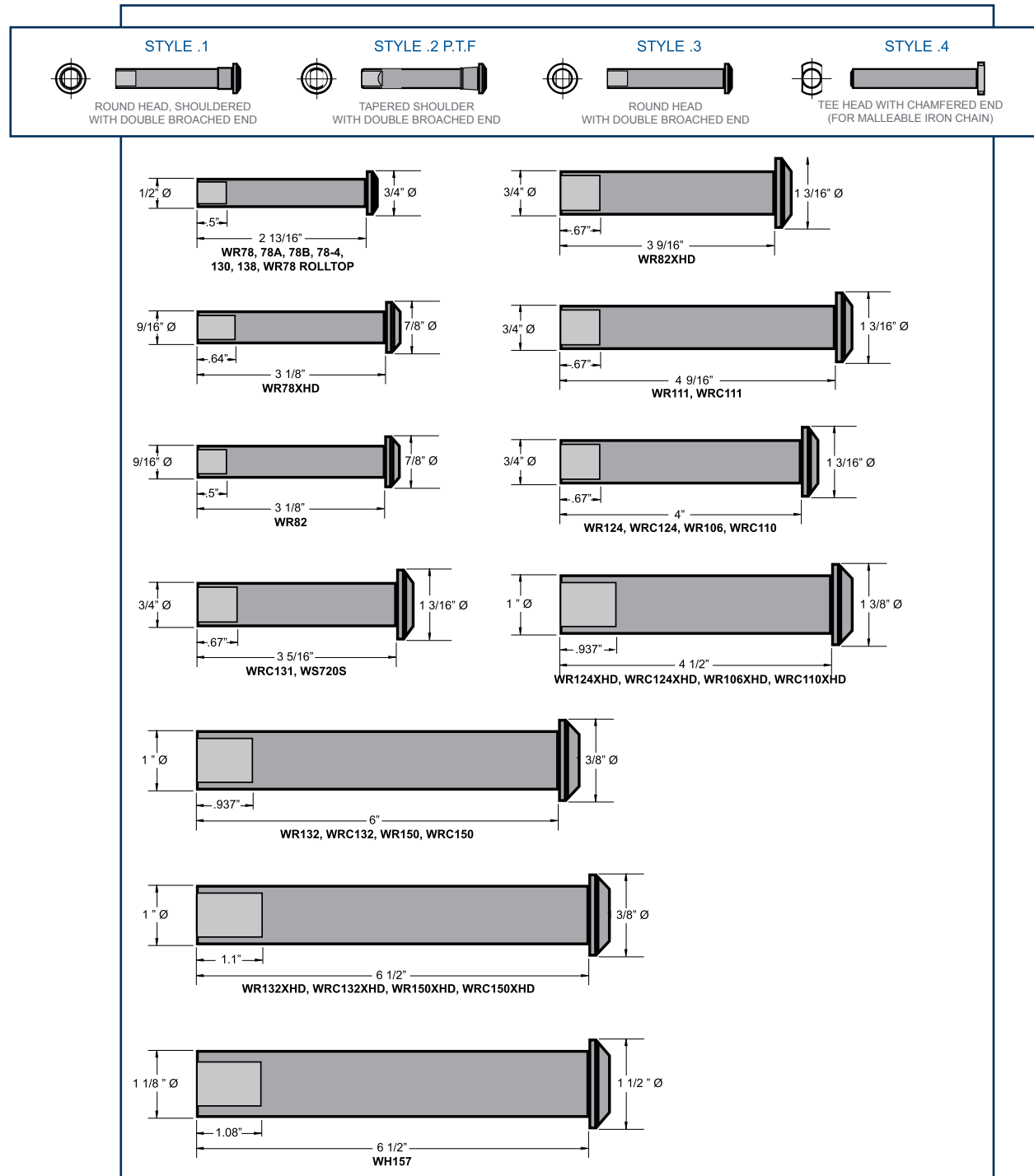


WELDED STEEL PIN

Mill Chain H + C Type Pin

INDUSTRY:       

- Pins can be supplied "pre-drilled" for cotter pins
- Dimensions in brackets apply to optional 1" Ø Rivets
- Most rivets chamfered on end for "lead in"
- Custom sizes are also available



WELDED STEEL PIN

Mill Chain H + C Type Pin (cont'd)

Part Number	Pin Style	Pin Size	Weight per 100 pcs.
WR78PIN	1	$\frac{1}{2} \times 2 \frac{13}{16}$	15
WR78-4PIN	1	$\frac{1}{2} \times 2 \frac{13}{16}$	15
WR130PIN	1	$\frac{1}{2} \times 2 \frac{13}{16}$	15
WR138PIN	1	$\frac{1}{2} \times 2 \frac{13}{16}$	15
WR78XHDPIN	1	$\frac{9}{16} \times 3 \frac{3}{32}$	25
WR82PIN Universal	1	$\frac{9}{16} \times 3 \frac{3}{32}$	25
WR82XHDPIN	2	$\frac{3}{4} \times 3 \frac{9}{16}$	51
WRC131PIN	2	$\frac{3}{4} \times 3 \frac{9}{16}$	51
WR124PIN	2	$\frac{3}{4} \times 4$	56
WRC124PIN	2	$\frac{3}{4} \times 4$	56
WR106PIN	2	$\frac{3}{4} \times 4$	56
WR111PIN	2	$\frac{3}{4} \times 4 \frac{9}{16}$	65
WRC111PIN	2	$\frac{3}{4} \times 4 \frac{9}{16}$	65
WR106XHDPIN	2	$1 \times 4 \frac{5}{8}$	115
WR124XHDPIN	2	$1 \times 4 \frac{5}{8}$	115

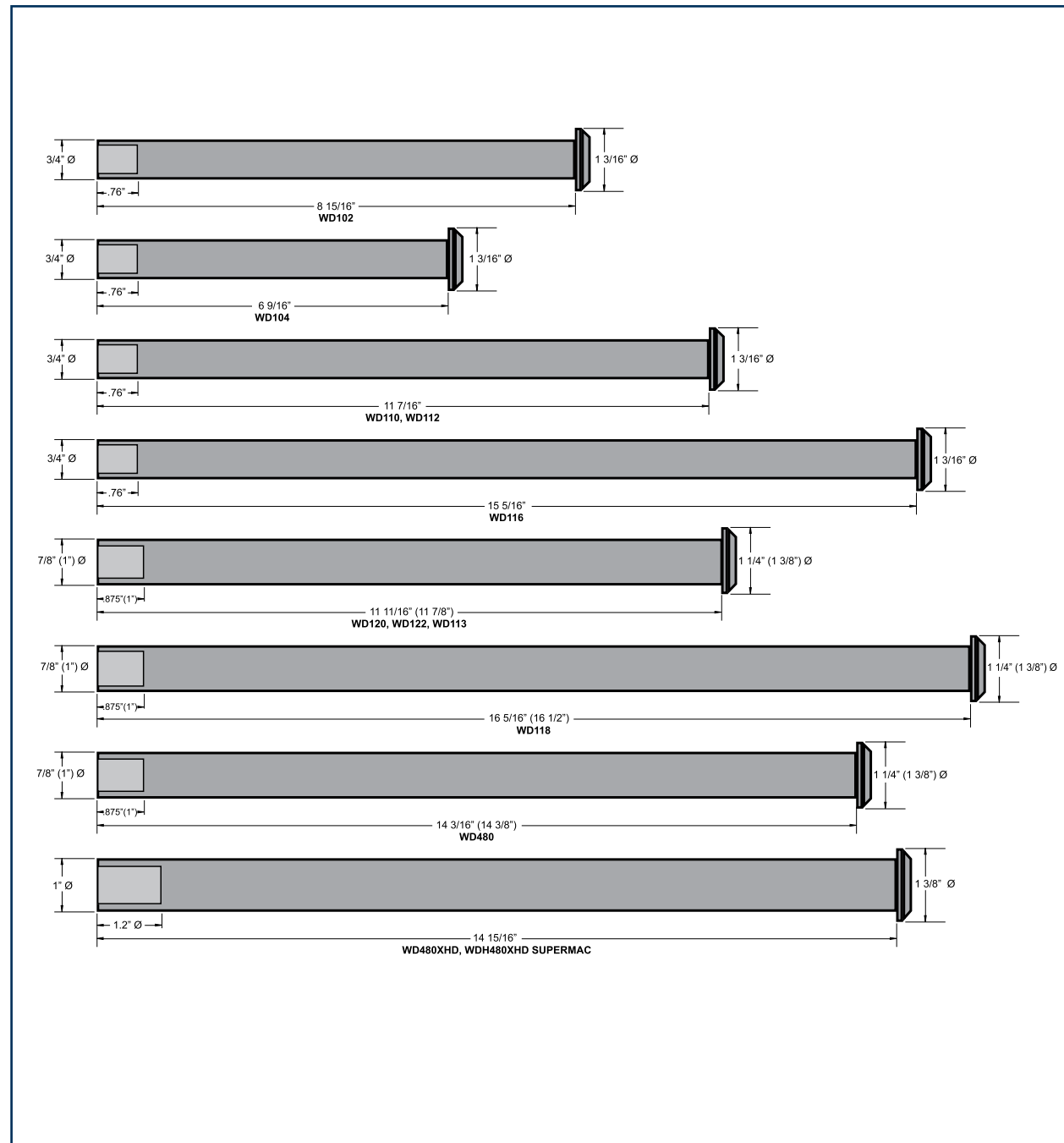
Part Number	Pin Style	Pin Size	Weight per 100 pcs.
WR150PIN	2	1×6	142
WR132PIN	2	1×6	142
WRC132PIN	2	1×6	142
WR132XHDPIN	1	$1 \times 6 \frac{1}{2}$	150
WRC132XHDPIN	1	$1 \times 6 \frac{1}{2}$	150
WR157PIN	1	$1 \frac{1}{8} \times 6 \frac{17}{32}$	191
WRC157PIN	2	$1 \frac{1}{8} \times 6 \frac{17}{32}$	191

WELDED STEEL PIN

Drag Chain Pin

INDUSTRY:  

- Pins can be supplied "pre-drilled" for cotter pins
- Dimensions in brackets apply to optional 1" Ø Rivets
- Most rivets chamfered on end for "lead in"
- Custom sizes are also available



WELDED STEEL PIN

Drag Chain Pin (cont'd)

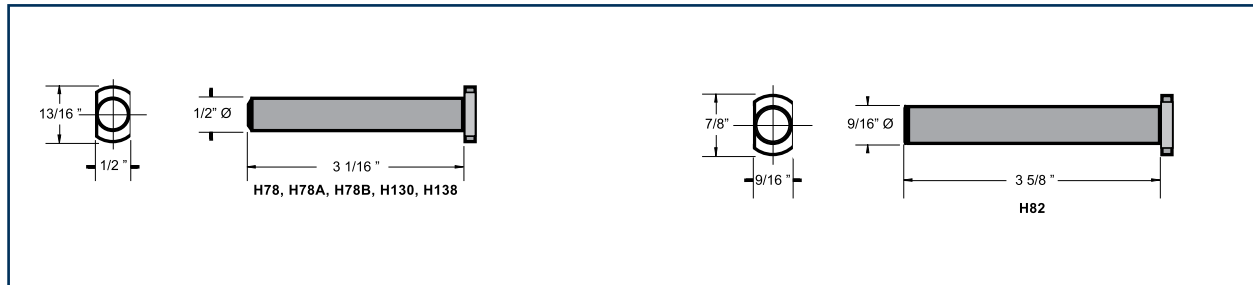
Part Number	Pin Style	Pin Size	Weight per 100 pcs.
WD104PIN	3	$\frac{3}{4} \times 6 \frac{9}{16}$	90
WD102PIN	3	$\frac{3}{4} \times 8 \frac{15}{16}$	120
WD110PIN	3	$\frac{3}{4} \times 11 \frac{7}{16}$	152
WD112PIN	3	$\frac{3}{4} \times 11 \frac{7}{16}$	152
WD116PIN	3	$\frac{3}{4} \times 15 \frac{5}{16}$	195
WD118PIN (7/8)	3	$\frac{7}{8} \times 16 \frac{5}{16}$	290
WD118PIN (1")	2	1 x 16 $\frac{3}{8}$	376
WD120PIN (7/8)	3	$\frac{7}{8} \times 11 \frac{23}{32}$	203
WD122PIN (7/8)	3	$\frac{7}{8} \times 11 \frac{23}{32}$	203
WD120PIN (1")	2	1 x 11 $\frac{3}{4}$	275
WD122PIN (1")	2	1 x 11 $\frac{3}{4}$	275
WD480PIN (7/8)	3	$\frac{7}{8} \times 14 \frac{3}{16}$	300
WD480PIN (1")	2	1 x 14 $\frac{1}{4}$	330
WD480XHDPIN	2	1 x 14 $\frac{3}{4}$	340

MALLEABLE IRON PIN

Malleable Chain Pin

INDUSTRY:   

- Pins can be supplied "pre-drilled" for cotter pins
- Dimensions in brackets apply to optional 1" Ø Rivets
- Most rivets chamfered on end for "lead in"
- Custom sizes are also available



Part Number	Pin Style	Pin Size	Weight per 100 pcs.
C188PIN	4	$\frac{1}{2} \times 2 \frac{3}{4}$	16
H78PIN T-HEAD	4	$\frac{1}{2} \times 3 \frac{1}{16}$	19
H130PIN T-HEAD	4	$\frac{1}{2} \times 3 \frac{1}{16}$	19
H138PIN T-HEAD	4	$\frac{1}{2} \times 3 \frac{1}{16}$	19
H82PIN T-HEAD	4	$\frac{9}{16} \times 3 \frac{5}{8}$	29
C131PIN	4	$\frac{5}{8} \times 4 \frac{1}{4}$	49
C102BPIN	4	$\frac{5}{8} \times 4 \frac{1}{4}$	50

PINTLE PIN

Pintle Chain Pin

INDUSTRY:      

- Pins can be supplied "pre-drilled" for cotter pins
- Dimensions in brackets apply to optional 1" Ø Rivets
- Most rivets chamfered on end for "lead in"
- Custom sizes are also available

Part Number	Pin Style	Pin Size	Weight per 100 pcs.
M662PIN	3	.274 X 1.720	N/A
M667XPIN	3	.430 X 2.138	N/A
M88HPIN	3	.305 X 1.815	N/A
M667KCPIN	3	.437 X 2.359	N/A
M667XHPIN	3	.465 X 2.414	N/A
M88KPIN	3	.437 X 2.315	N/A
M88CPIN	3	.500 X 2.250	N/A
M308CPIN	3	.625 X 2.859	N/A

ENGINEER CLASS PIN

INDUSTRY:      

- Pins can be supplied "pre-drilled" for cotter pins
- Dimensions in brackets apply to optional 1" Ø Rivets
- Most rivets chamfered on end for "lead in"
- Custom sizes are also available

Engineer Class Chain Pin

Part Number	Pin Style	Pin Size	Weight per 100 pcs.
MS188PIN	4	$\frac{1}{2} \times 2 \frac{7}{16}$	N/A
MS131PIN	4	$\frac{5}{8} \times 3 \frac{9}{32}$	N/A
MS102BPIN	4	$\frac{5}{8} \times 4 \frac{1}{4}$	N/A
MS110PIN	4	$\frac{5}{8} \times 4 \frac{1}{4}$	N/A
SS40SLPIN	3	$\frac{5}{8} \times 3 \frac{1}{4}$	N/A

Trimmer Chain Pin

Part Number	Pin Style	Pin Size	Weight per 100 pcs.
81XPIN	3	$\frac{7}{16} \times 1 \frac{59}{62}$	12
3939PIN	3	$\frac{7}{16} \times 1 \frac{59}{62}$	12
LXS882PIN	3	$\frac{7}{16} \times 2 \frac{3}{8}$	16
MO88PIN	3	$\frac{7}{16} \times 2 \frac{3}{8}$	16
9" Pitch Sorter ChainPIN	3	$\frac{3}{4} \times 2 \frac{1}{16}$	N/A

CUSTOM PIN

INDUSTRY: 

- Pins can be supplied "pre-drilled" for cotter pins
- Dimensions in brackets apply to optional 1" Ø Rivets
- Most rivets chamfered on end for "lead in"
- Custom sizes are also available

DLI Scanner Chain Pin

Part Number	Pin Style	Pin Size	Weight per 100 pcs.
MRB124DLPIN Narrow	PIN	$\frac{15}{16} \times 3 \frac{5}{8}$	68
MRB124DLPIN Wide	PIN	$\frac{15}{16} \times 4 \frac{7}{16}$	82
MRBC100DLPIN	PIN	$\frac{15}{16} \times 3 \frac{3}{8}$	68

Double Flex Chain Pin

Part Number	Pin Style	Pin Size	Weight per 100 pcs.
DF3500PIN	3	$\frac{9}{16} \times 1 \frac{7}{16}$	9

SPROCKETS

- Mill Chain Sprockets
- Cast Chain Sprockets
- Engineering Class Chain Sprockets
- Drag Chain Sprockets
- Long Link Sprockets
- Long Link Replaceable Tooth Sprockets
- Long Link Idler Drum Sprockets
- Pintle Chain Sprockets



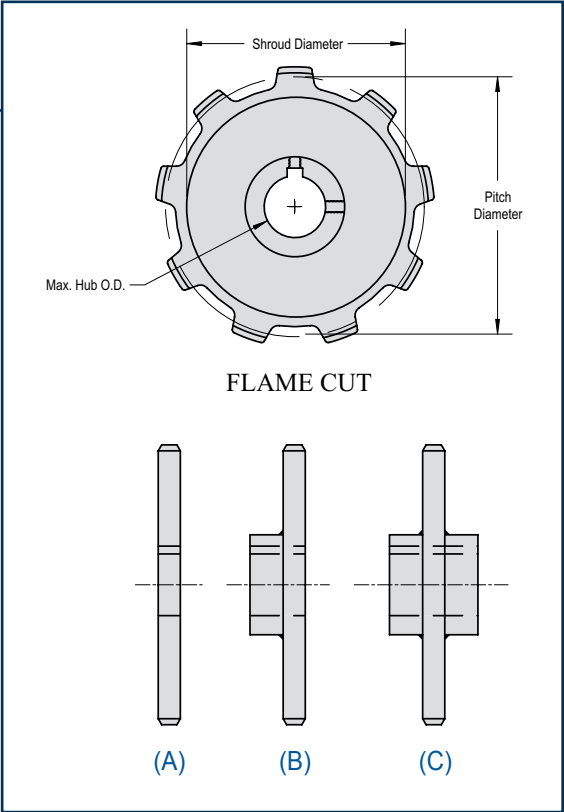
MILL CHAIN SPROCKETS

INDUSTRY: 

Mac Sprockets are carefully designed to provide exceptional service in all applications. Mac Mill Chain Sprockets are generally Flame Cut from mild steel plate or the recommended QT400 hardened plate.

- Machined or precision hobbed sprockets are also available for high speed applications
- Split to bolt or split for welding sprockets are available for difficult mounting or dismounting applications
- Mac Chain can supply brass, nylon or UHMW bushed idlers complete with grease grooves and grease fittings

See Ordering Guide in back of catalog.



WR78 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WR78-7	7	2.609	6.01	2 ³ / ₁₆	4.150	1"
WR78-8	8	2.609	6.82	2 ⁷ / ₁₆	5.040	1"
WR78-9	9	2.609	7.63	2 ¹¹ / ₁₆	5.920	1"
WR78-10	10	2.609	8.44	2 ¹⁵ / ₁₆	6.776	1"
WR78-11	11	2.609	9.26	3 ¹ / ₁₆	7.640	1"
WR78-12	12	2.609	10.08	3 ⁷ / ₁₆	8.500	1"
WR78-13	13	2.609	10.90	3 ¹⁵ / ₁₆	9.350	1"
WR78-14	14	2.609	11.72	4 ¹ / ₁₆	10.180	1"
WR78-15	15	2.609	12.55	4 ¹⁵ / ₁₆	11.030	1"
WR78-16	16	2.609	13.37	4 ¹⁵ / ₁₆	11.860	1"
WR78-17	17	2.609	14.20	4 ¹⁵ / ₁₆	12.710	1"
WR78-18	18	2.609	15.02	4 ¹⁵ / ₁₆	13.550	1"
WR78-19	19	2.609	15.85	4 ¹⁵ / ₁₆	14.380	1"
WR78-20	20	2.609	16.68	5 ¹⁵ / ₁₆	15.210	1"

MILL CHAIN SPROCKETS

WR78XHD Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WR78XHD-7	7	2.640	6.01	2 $\frac{3}{16}$	4.150	1"
WR78XHD-8	8	2.640	6.82	2 $\frac{7}{16}$	5.040	1"
WR78XHD-9	9	2.640	7.63	2 $\frac{11}{16}$	5.920	1"
WR78XHD-10	10	2.640	8.44	2 $\frac{15}{16}$	6.776	1"
WR78XHD-11	11	2.640	9.26	3 $\frac{7}{16}$	7.640	1"
WR78XHD-12	12	2.640	10.08	3 $\frac{7}{16}$	8.500	1"
WR78XHD-13	13	2.640	10.90	3 $\frac{15}{16}$	9.350	1"
WR78XHD-14	14	2.640	11.72	4 $\frac{15}{16}$	10.180	1"
WR78XHD-15	15	2.640	12.55	4 $\frac{15}{16}$	11.030	1"
WR78XHD-16	16	2.640	13.37	4 $\frac{15}{16}$	11.860	1"
WR78XHD-17	17	2.640	14.20	4 $\frac{15}{16}$	12.710	1"
WR78XHD-18	18	2.640	15.02	4 $\frac{15}{16}$	13.550	1"
WR78XHD-19	19	2.640	15.85	4 $\frac{15}{16}$	14.380	1"
WR78XHD-20	20	2.640	16.68	5 $\frac{15}{16}$	15.210	1"

MILL CHAIN SPROCKETS

WS78 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WS78-7	7	2.609	6.01	2 $\frac{3}{16}$	4.150	1"
WS78-8	8	2.609	6.82	2 $\frac{7}{16}$	5.040	1"
WS78-9	9	2.609	7.63	2 $\frac{11}{16}$	5.920	1"
WS78-10	10	2.609	8.44	2 $\frac{15}{16}$	6.776	1"
WS78-11	11	2.609	9.26	3 $\frac{7}{16}$	7.640	1"
WS78-12	12	2.609	10.08	3 $\frac{7}{16}$	8.500	1"
WS78-13	13	2.609	10.90	3 $\frac{15}{16}$	9.350	1"
WS78-14	14	2.609	11.72	4 $\frac{15}{16}$	10.180	1"
WS78-15	15	2.609	12.55	4 $\frac{15}{16}$	11.030	1"
WS78-16	16	2.609	13.37	4 $\frac{15}{16}$	11.860	1"
WS78-17	17	2.609	14.20	4 $\frac{15}{16}$	12.710	1"
WS78-18	18	2.609	15.02	4 $\frac{15}{16}$	13.550	1"
WS78-19	19	2.609	15.85	4 $\frac{15}{16}$	14.380	1"
WS78- 20	20	2.609	16.68	5 $\frac{15}{16}$	15.210	1"

MILL CHAIN SPROCKETS

C188 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
C188-7	7	2.609	6.01	2 $\frac{3}{16}$	4.150	1"
C188-8	8	2.609	6.82	2 $\frac{7}{16}$	5.040	1"
C188-9	9	2.609	7.63	2 $\frac{11}{16}$	5.920	1"
C188-10	10	2.609	8.44	2 $\frac{15}{16}$	6.776	1"
C188-11	11	2.609	9.26	3 $\frac{1}{16}$	7.640	1"
C188-12	12	2.609	10.08	3 $\frac{7}{16}$	8.500	1"
C188-13	13	2.609	10.90	3 $\frac{15}{16}$	9.350	1"
C188-14	14	2.609	11.72	4 $\frac{15}{16}$	10.180	1"
C188-15	15	2.609	12.55	4 $\frac{15}{16}$	11.030	1"
C188-16	16	2.609	13.37	4 $\frac{15}{16}$	11.860	1"
C188-17	17	2.609	14.20	4 $\frac{15}{16}$	12.710	1"
C188-18	18	2.609	15.02	4 $\frac{15}{16}$	13.550	1"
C188-19	19	2.609	15.85	4 $\frac{15}{16}$	14.380	1"
C188-20	20	2.609	16.68	5 $\frac{15}{16}$	15.210	1"

MILL CHAIN SPROCKETS

MS188 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
MS188-7	7	2.609	6.01	2 $\frac{3}{16}$	4.150	1"
MS188-8	8	2.609	6.82	2 $\frac{7}{16}$	5.040	1"
MS188-9	9	2.609	7.63	2 $\frac{11}{16}$	5.920	1"
MS188-10	10	2.609	8.44	2 $\frac{15}{16}$	6.776	1"
MS188-11	11	2.609	9.26	3 $\frac{7}{16}$	7.640	1"
MS188-12	12	2.609	10.08	3 $\frac{7}{16}$	8.500	1"
MS188-13	13	2.609	10.90	3 $\frac{15}{16}$	9.350	1"
MS188-14	14	2.609	11.72	4 $\frac{15}{16}$	10.180	1"
MS188-15	15	2.609	12.55	4 $\frac{15}{16}$	11.030	1"
MS188-16	16	2.609	13.37	4 $\frac{15}{16}$	11.860	1"
MS188-17	17	2.609	14.20	4 $\frac{15}{16}$	12.710	1"
MS188-18	18	2.609	15.02	4 $\frac{15}{16}$	13.550	1"
MS188-19	19	2.609	15.85	4 $\frac{15}{16}$	14.380	1"
MS188-20	20	2.609	16.68	5 $\frac{15}{16}$	15.210	1"

MILL CHAIN SPROCKETS

WR82 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WR82-7	7	3.075	7.09	2 $\frac{7}{16}$	5.150	1 $\frac{1}{8}$ "
WR82-8	8	3.075	8.04	3 $\frac{15}{16}$	6.180	1 $\frac{1}{8}$ "
WR82-9	9	3.075	8.99	4 $\frac{15}{16}$	7.200	1 $\frac{1}{8}$ "
WR82-10	10	3.075	9.95	5 $\frac{7}{16}$	8.210	1 $\frac{1}{8}$ "
WR82-11	11	3.075	10.91	5 $\frac{15}{16}$	9.230	1 $\frac{1}{8}$ "
WR82-12	12	3.075	11.88	5 $\frac{15}{16}$	10.230	1 $\frac{1}{8}$ "
WR82-13	13	3.075	12.85	5 $\frac{15}{16}$	11.250	1 $\frac{1}{8}$ "
WR82-14	14	3.075	13.82	5 $\frac{15}{16}$	12.230	1 $\frac{1}{8}$ "
WR82-15	15	3.075	14.79	5 $\frac{15}{16}$	13.200	1 $\frac{1}{8}$ "
WR82-16	16	3.075	15.76	5 $\frac{15}{16}$	14.230	1 $\frac{1}{8}$ "
WR82-17	17	3.075	16.73	5 $\frac{15}{16}$	15.200	1 $\frac{1}{8}$ "
WR82-18	18	3.075	17.71	5 $\frac{15}{16}$	16.200	1 $\frac{1}{8}$ "
WR82-19	19	3.075	18.68	5 $\frac{15}{16}$	17.160	1 $\frac{1}{8}$ "
WR82-20	20	3.075	19.66	5 $\frac{15}{16}$	18.190	1 $\frac{1}{8}$ "

MILL CHAIN SPROCKETS

WR82XHD Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WR82XHD-7	7	3.075	7.09	2 $\frac{7}{16}$	4.890	1 $\frac{1}{8}$ "
WR82XHD-8	8	3.075	8.04	3 $\frac{15}{16}$	5.930	1 $\frac{1}{8}$ "
WR82XHD-9	9	3.075	8.99	4 $\frac{15}{16}$	6.950	1 $\frac{1}{8}$ "
WR82XHD-10	10	3.075	9.95	5 $\frac{7}{16}$	7.950	1 $\frac{1}{8}$ "
WR82XHD-11	11	3.075	10.91	5 $\frac{15}{16}$	8.970	1 $\frac{1}{8}$ "
WR82XHD-12	12	3.075	11.88	5 $\frac{15}{16}$	9.970	1 $\frac{1}{8}$ "
WR82XHD-13	13	3.075	12.85	5 $\frac{15}{16}$	10.990	1 $\frac{1}{8}$ "
WR82XHD-14	14	3.075	13.82	5 $\frac{15}{16}$	11.890	1 $\frac{1}{8}$ "
WR82XHD-15	15	3.075	14.79	5 $\frac{15}{16}$	12.950	1 $\frac{1}{8}$ "
WR82XHD-16	16	3.075	15.76	5 $\frac{15}{16}$	13.970	1 $\frac{1}{8}$ "
WR82XHD-17	17	3.075	16.73	5 $\frac{15}{16}$	14.950	1 $\frac{1}{8}$ "
WR82XHD-18	18	3.075	17.71	5 $\frac{15}{16}$	15.950	1 $\frac{1}{8}$ "
WR82XHD-19	19	3.075	18.68	5 $\frac{15}{16}$	16.910	1 $\frac{1}{8}$ "
WR82XHD-20	20	3.075	19.66	5 $\frac{15}{16}$	17.930	1 $\frac{1}{8}$ "

MILL CHAIN SPROCKETS

WRC131 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WRC131-7	7	3.075	7.09	2 $\frac{7}{16}$	4.890	1 $\frac{1}{8}$ "
WRC131-8	8	3.075	8.04	3 $\frac{15}{16}$	5.930	1 $\frac{1}{8}$ "
WRC131-9	9	3.075	8.99	4 $\frac{15}{16}$	6.950	1 $\frac{1}{8}$ "
WRC131-10	10	3.075	9.95	5 $\frac{7}{16}$	7.950	1 $\frac{1}{8}$ "
WRC131-11	11	3.075	10.91	5 $\frac{15}{16}$	8.970	1 $\frac{1}{8}$ "
WRC131-12	12	3.075	11.88	5 $\frac{15}{16}$	9.970	1 $\frac{1}{8}$ "
WRC131-13	13	3.075	12.85	5 $\frac{15}{16}$	10.990	1 $\frac{1}{8}$ "
WRC131-14	14	3.075	13.82	5 $\frac{15}{16}$	11.890	1 $\frac{1}{8}$ "
WRC131-15	15	3.075	14.79	5 $\frac{15}{16}$	12.950	1 $\frac{1}{8}$ "
WRC131-16	16	3.075	15.76	5 $\frac{15}{16}$	13.970	1 $\frac{1}{8}$ "
WRC131-17	17	3.075	16.73	5 $\frac{15}{16}$	14.950	1 $\frac{1}{8}$ "
WRC131-18	18	3.075	17.71	5 $\frac{15}{16}$	15.950	1 $\frac{1}{8}$ "
WRC131-19	19	3.075	18.68	5 $\frac{15}{16}$	16.910	1 $\frac{1}{8}$ "
WRC131-20	20	3.075	19.66	5 $\frac{15}{16}$	17.930	1 $\frac{1}{8}$ "

MILL CHAIN SPROCKETS

WR78-4 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WR78-4-6	6	4.000	8.00	2 $\frac{7}{16}$	5.680	1"
WR78-4-7	7	4.000	9.22	3 $\frac{7}{16}$	7.060	1"
WR78-4-8	8	4.000	10.45	4 $\frac{15}{16}$	8.406	1"
WR78-4-9	9	4.000	11.70	5 $\frac{15}{16}$	9.750	1"
WR78-4-10	10	4.000	12.94	5 $\frac{15}{16}$	11.560	1"
WR78-4-11	11	4.000	14.20	5 $\frac{15}{16}$	12.354	1"
WR78-4-12	12	4.000	15.45	5 $\frac{15}{16}$	13.674	1"

WR124XHD Sprocket | WRC124XHD Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WR124XHD-7 WRC124XHD-7	7	4.050	9.33	2 $\frac{7}{16}$	6.406	1 $\frac{1}{2}$ "
WR124XHD-8 WRC124XHD-8	8	4.050	10.58	3 $\frac{15}{16}$	7.776	1 $\frac{1}{2}$ "
WR124XHD-9 WRC124XHD-9	9	4.050	11.84	4 $\frac{15}{16}$	9.130	1 $\frac{1}{2}$ "
WR124XHD-10 WRC124XHD-10	10	4.050	13.11	5 $\frac{7}{16}$	10.468	1 $\frac{1}{2}$ "
WR124XHD-11 WRC124XHD-11	11	4.050	14.38	5 $\frac{15}{16}$	11.776	1 $\frac{1}{2}$ "
WR124XHD-12 WRC124XHD-12	12	4.050	15.65	5 $\frac{15}{16}$	13.12	1 $\frac{1}{2}$ "
WR124XHD-13 WRC124XHD-13	13	4.050	16.92	5 $\frac{15}{16}$	14.430	1 $\frac{1}{2}$ "
WR124XHD-14 WRC124XHD-14	14	4.050	18.20	5 $\frac{15}{16}$	15.744	1 $\frac{1}{2}$ "
WR124XHD-15 WRC124XHD-15	15	4.050	19.48	5 $\frac{15}{16}$	17.052	1 $\frac{1}{2}$ "
WR124XHD-16 WRC124XHD-16	16	4.050	20.76	5 $\frac{15}{16}$	18.364	1 $\frac{1}{2}$ "
WR124XHD-17 WRC124XHD-17	17	4.050	22.04	5 $\frac{15}{16}$	19.666	1 $\frac{1}{2}$ "
WR124XHD-18 WRC124XHD-18	18	4.050	23.04	5 $\frac{15}{16}$	20.970	1 $\frac{1}{2}$ "

MILL CHAIN SPROCKETS

WR124 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WR124-6	6	4.000	8.00	2 $\frac{7}{16}$	6.808	1 $\frac{1}{2}$ "
WR124-7	7	4.000	9.22	2 $\frac{15}{16}$	8.156	1 $\frac{1}{2}$ "
WR124-8	8	4.000	10.45	3 $\frac{7}{16}$	9.500	1 $\frac{1}{2}$ "
WR124-9	9	4.000	11.66	3 $\frac{15}{16}$	10.806	1 $\frac{1}{2}$ "
WR124-10	10	4.000	12.94	4 $\frac{15}{16}$	12.104	1 $\frac{1}{2}$ "
WR124-11	11	4.000	14.20	4 $\frac{15}{16}$	13.424	1 $\frac{1}{2}$ "
WR124-12	12	4.000	15.46	5 $\frac{15}{16}$	14.726	1 $\frac{1}{2}$ "
WR124-13	13	4.000	16.72	5 $\frac{15}{16}$	16.030	1 $\frac{1}{2}$ "
WR124-14	14	4.000	17.98	5 $\frac{15}{16}$	16.030	1 $\frac{1}{2}$ "
WR124-15	15	4.000	19.23	5 $\frac{15}{16}$	17.316	1 $\frac{1}{2}$ "
WR124-16	16	4.000	20.50	5 $\frac{15}{16}$	18.610	1 $\frac{1}{2}$ "
WR124-18	18	4.000	23.04	5 $\frac{15}{16}$	21.194	1 $\frac{1}{2}$ "

WR111 Sprocket | WRC111 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WR111-8 WRC111-8	8	4.760	12.44	4 $\frac{15}{16}$	9.744	1 $\frac{7}{8}$ "
WR111-9 WRC111-9	9	4.760	13.92	4 $\frac{15}{16}$	11.334	1 $\frac{7}{8}$ "
WR111-10 WRC111-10	10	4.760	15.40	4 $\frac{15}{16}$	12.896	1 $\frac{7}{8}$ "
WR111-11 WRC111-11	11	4.760	16.90	5 $\frac{15}{16}$	14.440	1 $\frac{7}{8}$ "
WR111-12 WRC111-12	12	4.760	18.39	5 $\frac{15}{16}$	16.014	1 $\frac{7}{8}$ "
WR111-13 WRC111-13	13	4.760	19.89	5 $\frac{15}{16}$	17.564	1 $\frac{7}{8}$ "
WR111-14 WRC111-14	14	4.760	21.39	5 $\frac{15}{16}$	19.106	1 $\frac{7}{8}$ "

MILL CHAIN SPROCKETS

WR106 Sprocket | WRC110 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WR106-6 WRC110-6	6	6.000	12.00	4 ¹⁵ / ₁₆	8.892	1 1/2"
WR106-7 WRC110-7	7	6.000	13.83	4 ¹⁵ / ₁₆	10.76	1 1/2"
WR106-8 WRC110-8	8	6.000	15.68	5 ¹⁵ / ₁₆	12.99	1 1/2"
WR106-9 WRC110-9	9	6.000	17.54	5 ¹⁵ / ₁₆	14.99	1 1/2"
WR106-10 WRC110-10	10	6.000	19.42	5 ¹⁵ / ₁₆	16.97	1 1/2"
WR106-11 WRC110-11	11	6.000	21.30	5 ¹⁵ / ₁₆	18.90	1 1/2"
WR106-12 WRC110-12	12	6.000	23.18	5 ¹⁵ / ₁₆	20.74	1 1/2"
WR106-13 WRC110-13	13	6.000	25.07	5 ¹⁵ / ₁₆	22.824	1 1/2"

WR106XHD Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WR106XHD-6	6	6.050	12.00	4 ¹⁵ / ₁₆	12.108	1 1/2"
WR106XHD-8	8	6.050	15.81	4 ¹⁵ / ₁₆	14.128	1 1/2"
WR106XHD-9	9	6.050	17.69	5 ¹⁵ / ₁₆	16.120	1 1/2"
WR106XHD-10	10	6.050	19.58	5 ¹⁵ / ₁₆	18.068	1 1/2"
WR106XHD-11	11	6.050	21.47	5 ¹⁵ / ₁₆	20.086	1 1/2"
WR106XHD-12	12	6.050	23.38	5 ¹⁵ / ₁₆	22.046	1 1/2"
WR106XHD-13	13	6.050	25.28	5 ¹⁵ / ₁₆	24.010	1 1/2"

MILL CHAIN SPROCKETS

WR132 Sprocket | WRC132 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WR132-8 WRC132-8	8	6.050	15.81	5 ¹⁵ / ₁₆	12.108	2 3/4"
WR132-9 WRC132-9	9	6.050	17.69	6 ¹⁵ / ₁₆	14.128	2 3/4"
WR132-10 WRC132-10	10	6.050	19.58	6 ¹⁵ / ₁₆	16.120	2 3/4"
WR132-11 WRC132-11	11	6.050	21.47	6 ¹⁵ / ₁₆	18.068	2 3/4"
WR132-12 WRC132-12	12	6.050	23.38	6 ¹⁵ / ₁₆	20.086	2 3/4"
WR132-13 WRC132-13	13	6.050	25.28	6 ¹⁵ / ₁₆	22.046	2 3/4"
WR132-14 WRC132-14	14	6.050	27.19	6 ¹⁵ / ₁₆	24.010	2 3/4"
WR132-15 WRC132-15	15	6.050	29.10	6 ¹⁵ / ₁₆	26.960	2 3/4"

WR132XHD Sprocket | WRC132XHD Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WR132XHD-8 WRC132XHD-8	8	6.050	15.81	5 ¹⁵ / ₁₆	12.108	2 3/4"
WR132XHD-9 WRC132XHD-9	9	6.050	17.69	6 ¹⁵ / ₁₆	14.128	2 3/4"
WR132XHD-10 WRC132XHD-10	10	6.050	19.58	6 ¹⁵ / ₁₆	16.120	2 3/4"
WR132XHD-11 WRC132XHD-11	11	6.050	21.47	6 ¹⁵ / ₁₆	18.068	2 3/4"
WR132XHD-12 WRC132XHD-12	12	6.050	23.38	6 ¹⁵ / ₁₆	20.086	2 3/4"
WR132XHD-13 WRC132XHD-13	13	6.050	25.28	6 ¹⁵ / ₁₆	22.046	2 3/4"
WR132XHD-14 WRC132XHD-14	14	6.050	27.19	6 ¹⁵ / ₁₆	24.010	2 3/4"
WR132XHD-15 WRC132XHD-15	15	6.050	29.10	6 ¹⁵ / ₁₆	26.960	2 3/4"

MILL CHAIN SPROCKETS

WR/WH150 Sprocket | WR/WH157 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WR/WH150-8 WR/WH157-8	8	6.050	15.81	5 ¹⁵ / ₁₆	12.108	2 ³ / ₄ "
WR/WH150-9 WR/WH157-9	9	6.050	17.69	6 ¹⁵ / ₁₆	14.128	2 ³ / ₄ "
WR/WH150-10 WR/WH157-10	10	6.050	19.58	6 ¹⁵ / ₁₆	16.120	2 ³ / ₄ "
WR/WH150-11 WR/WH157-11	11	6.050	21.47	6 ¹⁵ / ₁₆	18.068	2 ³ / ₄ "
WR/WH150-12 WR/WH157-12	12	6.050	23.38	6 ¹⁵ / ₁₆	20.086	2 ³ / ₄ "
WR/WH150-13 WR/WH157-13	13	6.050	25.28	6 ¹⁵ / ₁₆	22.046	2 ³ / ₄ "
WR/WH150-14 WR/WH157-14	14	6.050	27.19	6 ¹⁵ / ₁₆	24.010	2 ³ / ₄ "
WR/WH150-15 WR/WH157-15	15	6.050	29.10	6 ¹⁵ / ₁₆	26.960	2 ³ / ₄ "

CAST CHAIN SPROCKETS

INDUSTRY: 

Mac Sprockets are carefully designed to provide exceptional service in all applications. Mac Cast Chain Sprockets are generally Flame Cut from mild steel plate or the recommended QT400 hardened plate.

- Machined or precision hobbed sprockets are also available for high speed applications
- Split to bolt or split for welding sprockets are available for difficult mounting or dismounting applications
- Mac Chain can supply brass, nylon or UHMW bushed Idlers complete with grease grooves and grease fittings



C131 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Part Bore	Shroud Diameter	Tooth Face
C131-7	7	3.075	7.09	2 ⁷ / ₁₆	4.890	1 ¹ / ₈ "
C131-8	8	3.075	8.04	3 ¹⁵ / ₁₆	5.930	1 ¹ / ₈ "
C131-9	9	3.075	8.99	4 ¹⁵ / ₁₆	6.950	1 ¹ / ₈ "
C131-10	10	3.075	9.95	5 ⁷ / ₁₆	7.950	1 ¹ / ₈ "
C131-11	11	3.075	10.91	5 ¹⁵ / ₁₆	8.970	1 ¹ / ₈ "
C131-12	12	3.075	11.88	5 ¹⁵ / ₁₆	9.970	1 ¹ / ₈ "
C131-13	13	3.075	12.85	5 ¹⁵ / ₁₆	10.990	1 ¹ / ₈ "
C131-14	14	3.075	13.82	5 ¹⁵ / ₁₆	11.890	1 ¹ / ₈ "
C131-15	15	3.075	14.79	5 ¹⁵ / ₁₆	12.950	1 ¹ / ₈ "
C131-16	16	3.075	15.76	5 ¹⁵ / ₁₆	13.970	1 ¹ / ₈ "
C131-17	17	3.075	16.73	5 ¹⁵ / ₁₆	14.950	1 ¹ / ₈ "
C131-18	18	3.075	17.71	5 ¹⁵ / ₁₆	15.950	1 ¹ / ₈ "
C131-19	19	3.075	18.68	5 ¹⁵ / ₁₆	16.910	1 ¹ / ₈ "
C131-20	20	3.075	19.66	5 ¹⁵ / ₁₆	17.930	1 ¹ / ₈ "

CAST CHAIN SPROCKETS

H130 Sprocket | H138 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
H130-6 H138-6	6	4.000	8.00	2 $\frac{7}{16}$	5.680	1"
H130-7 H138-7	7	4.000	9.22	3 $\frac{7}{16}$	7.060	1"
H130-8 H138-8	8	4.000	10.45	4 $\frac{15}{16}$	8.406	1"
H130-9 H138-9	9	4.000	11.70	5 $\frac{15}{16}$	9.750	1"
H130-10 H138-10	10	4.000	12.94	5 $\frac{15}{16}$	11.560	1"
H130-11 H138-11	11	4.000	14.20	5 $\frac{15}{16}$	12.354	1"
H130-12 H138-12	12	4.000	15.45	5 $\frac{15}{16}$	13.674	1"

C102B Sprocket

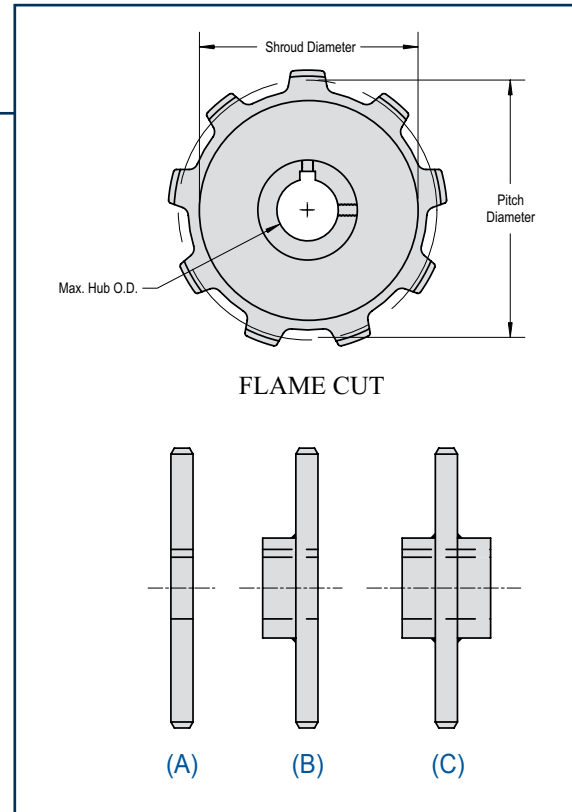
Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
C102B-6	6	4.000	8.00	2 $\frac{7}{16}$	6.808	1 $\frac{1}{2}$ "
C102B-7	7	4.000	9.22	2 $\frac{15}{16}$	8.156	1 $\frac{1}{2}$ "
C102B-8	8	4.000	10.45	3 $\frac{7}{16}$	9.500	1 $\frac{1}{2}$ "
C102B-9	9	4.000	11.66	3 $\frac{15}{16}$	10.806	1 $\frac{1}{2}$ "
C102B-10	10	4.000	12.94	4 $\frac{15}{16}$	12.104	1 $\frac{1}{2}$ "
C102B-11	11	4.000	14.20	4 $\frac{15}{16}$	13.424	1 $\frac{1}{2}$ "
C102B-12	12	4.000	15.46	5 $\frac{15}{16}$	14.726	1 $\frac{1}{2}$ "
C102B-13	13	4.000	16.72	5 $\frac{15}{16}$	16.030	1 $\frac{1}{2}$ "
C102B-14	14	4.000	17.98	5 $\frac{15}{16}$	16.030	1 $\frac{1}{2}$ "
C102B-15	15	4.000	19.23	5 $\frac{15}{16}$	17.316	1 $\frac{1}{2}$ "
C102B-16	16	4.000	20.50	5 $\frac{15}{16}$	18.610	1 $\frac{1}{2}$ "
C102B-18	18	4.000	23.04	5 $\frac{15}{16}$	21.194	1 $\frac{1}{2}$ "

ENGINEERED CLASS CHAIN SPROCKETS

INDUSTRY: 

Mac Sprockets are carefully designed to provide exceptional service in all applications. Mac Chain Engineered Class Chain Sprockets are generally Flame Cut from mild steel plate or the recommended QT400 hardened plate.

- Machined or precision hobbed sprockets are also available for high speed applications
- Split to bolt or split for welding sprockets are available for difficult mounting or dismounting applications
- Mac Chain can supply brass, nylon or UHMW bushed Idlers complete with grease grooves and grease fittings



81X Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
81X-7	7	2.609	6.01	2 ³ / ₁₆	4.150	7/8"
81X-8	8	2.609	6.82	2 ⁷ / ₁₆	5.040	7/8"
81X-9	9	2.609	7.63	2 ¹¹ / ₁₆	5.920	7/8"
81X-10	10	2.609	8.44	2 ¹⁵ / ₁₆	6.776	7/8"
81X-11	11	2.609	9.26	3 ¹ / ₁₆	7.640	7/8"
81X-12	12	2.609	10.08	3 ⁷ / ₁₆	8.500	7/8"
81X-13	13	2.609	10.90	3 ¹⁵ / ₁₆	9.350	7/8"
81X-14	14	2.609	11.72	4 ¹⁵ / ₁₆	10.180	7/8"
81X-15	15	2.609	12.55	4 ¹⁵ / ₁₆	11.030	7/8"
81X-16	16	2.609	13.37	4 ¹⁵ / ₁₆	11.860	7/8"
81X-17	17	2.609	14.20	4 ¹⁵ / ₁₆	12.710	7/8"
81X-18	18	2.609	15.02	4 ¹⁵ / ₁₆	13.550	7/8"
81X-19	19	2.609	15.85	4 ¹⁵ / ₁₆	14.380	7/8"
81X-20	20	2.609	16.68	5 ¹⁵ / ₁₆	15.210	7/8"

ENGINEERED CLASS CHAIN SPROCKETS

LXS882 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
LXS882-7	7	2.609	6.01	2 $\frac{3}{16}$	4.150	7/8"
LXS882-8	8	2.609	6.82	2 $\frac{7}{16}$	5.040	7/8"
LXS882-9	9	2.609	7.63	2 $\frac{11}{16}$	5.920	7/8"
LXS882-10	10	2.609	8.44	2 $\frac{15}{16}$	6.776	7/8"
LXS882-11	11	2.609	9.26	3 $\frac{7}{16}$	7.640	7/8"
LXS882-12	12	2.609	10.08	3 $\frac{7}{16}$	8.500	7/8"
LXS882-13	13	2.609	10.90	3 $\frac{15}{16}$	9.350	7/8"
LXS882-14	14	2.609	11.72	4 $\frac{15}{16}$	10.180	7/8"
LXS882-15	15	2.609	12.55	4 $\frac{15}{16}$	11.030	7/8"
LXS882-16	16	2.609	13.37	4 $\frac{15}{16}$	11.860	7/8"
LXS882-17	17	2.609	14.20	4 $\frac{15}{16}$	12.710	7/8"
LXS882-18	18	2.609	15.02	4 $\frac{15}{16}$	13.550	7/8"
LXS882-19	19	2.609	15.85	4 $\frac{15}{16}$	14.380	7/8"
LXS882-20	20	2.609	16.68	5 $\frac{15}{16}$	15.210	7/8"

MO88 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
MO88-7	7	2.609	6.01	2 $\frac{3}{16}$	4.150	7/8"
MO88-8	8	2.609	6.82	2 $\frac{7}{16}$	5.040	7/8"
MO88-9	9	2.609	7.63	2 $\frac{11}{16}$	5.920	7/8"
MO88-10	10	2.609	8.44	2 $\frac{15}{16}$	6.776	7/8"
MO88-11	11	2.609	9.26	3 $\frac{7}{16}$	7.640	7/8"
MO88-12	12	2.609	10.08	3 $\frac{7}{16}$	8.500	7/8"
MO88-13	13	2.609	10.90	3 $\frac{15}{16}$	9.350	7/8"

ENGINEERED CLASS CHAIN SPROCKETS

MO88 Sprocket [con't]

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
MSO88-14	14	3.075	13.82	5 ¹⁵ / ₁₆	12.230	1 ¹ / ₈ "
MSO88-15	15	3.075	14.79	5 ¹⁵ / ₁₆	13.200	1 ¹ / ₈ "
MSO88-16	16	3.075	15.76	5 ¹⁵ / ₁₆	14.230	1 ¹ / ₈ "
MSO88-17	17	3.075	16.73	5 ¹⁵ / ₁₆	15.200	1 ¹ / ₈ "
MSO88-18	18	3.075	17.71	5 ¹⁵ / ₁₆	16.200	1 ¹ / ₈ "
MSO88-19	19	3.075	18.68	5 ¹⁵ / ₁₆	17.160	1 ¹ / ₈ "
MSO88-20	20	3.075	19.66	5 ¹⁵ / ₁₆	18.190	1 ¹ / ₈ "

MS131 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
MS131-7	7	3.075	7.09	2 ⁷ / ₁₆	4.890	1 ¹ / ₈ "
MS131-8	8	3.075	8.04	3 ¹⁵ / ₁₆	5.930	1 ¹ / ₈ "
MS131-9	9	3.075	8.99	4 ¹⁵ / ₁₆	6.950	1 ¹ / ₈ "
MS131-10	10	3.075	9.95	5 ⁷ / ₁₆	7.950	1 ¹ / ₈ "
MS131-11	11	3.075	10.91	5 ¹⁵ / ₁₆	8.970	1 ¹ / ₈ "
MS131-12	12	3.075	11.88	5 ¹⁵ / ₁₆	9.970	1 ¹ / ₈ "
MS131-13	13	3.075	12.85	5 ¹⁵ / ₁₆	10.990	1 ¹ / ₈ "
MS131-14	14	3.075	13.82	5 ¹⁵ / ₁₆	11.890	1 ¹ / ₈ "
MS131-15	15	3.075	14.79	5 ¹⁵ / ₁₆	12.950	1 ¹ / ₈ "
MS131-16	16	3.075	15.76	5 ¹⁵ / ₁₆	13.970	1 ¹ / ₈ "
MS131-17	17	3.075	16.73	5 ¹⁵ / ₁₆	14.950	1 ¹ / ₈ "
MS131-18	18	3.075	17.71	5 ¹⁵ / ₁₆	15.950	1 ¹ / ₈ "
MS131-19	19	3.075	18.68	5 ¹⁵ / ₁₆	16.910	1 ¹ / ₈ "
MS131-20	20	3.075	19.66	5 ¹⁵ / ₁₆	17.930	1 ¹ / ₈ "

ENGINEERED CLASS CHAIN SPROCKETS

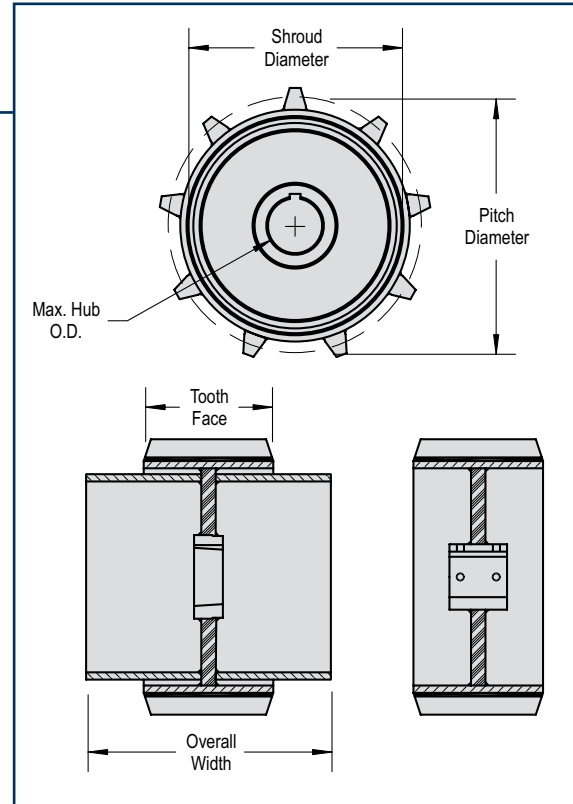
MS102B Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
MS102B-6	6	4.000	8.00	2 $\frac{7}{16}$	6.808	1 $\frac{3}{4}$ "
MS102B-7	7	4.000	9.22	2 $\frac{15}{16}$	8.156	1 $\frac{3}{4}$ "
MS102B-8	8	4.000	10.45	3 $\frac{7}{16}$	9.500	1 $\frac{3}{4}$ "
MS102B-9	9	4.000	11.66	3 $\frac{15}{16}$	10.806	1 $\frac{3}{4}$ "
MS102B-10	10	4.000	12.94	4 $\frac{15}{16}$	12.104	1 $\frac{3}{4}$ "
MS102B-11	11	4.000	14.20	4 $\frac{15}{16}$	13.424	1 $\frac{3}{4}$ "
MS102B-12	12	4.000	15.46	5 $\frac{15}{16}$	14.726	1 $\frac{3}{4}$ "
MS102B-13	13	4.000	16.72	5 $\frac{15}{16}$	16.030	1 $\frac{3}{4}$ "
MS102B-14	14	4.000	17.98	5 $\frac{15}{16}$	16.030	1 $\frac{3}{4}$ "
MS102B-15	15	4.000	19.23	5 $\frac{15}{16}$	17.316	1 $\frac{3}{4}$ "
MS102B-16	16	4.000	20.50	5 $\frac{15}{16}$	18.610	1 $\frac{3}{4}$ "
MS102B-18	18	4.000	23.04	5 $\frac{15}{16}$	21.194	1 $\frac{3}{4}$ "

DRAG CHAIN SPROCKETS

INDUSTRY: 

Mac Drag Chain Sprockets are designed with full width teeth. All drag chain sprocket are designed to provide additional wear life on welded steel drag chain. Mac Drum Flanged and Drum Flanged Traction Wheels are available upon request.



WD102 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WD102-6	6	5.000	10.00	3 ¹⁵ / ₁₆	7.160	6 3/8"
WD102-7	7	5.000	11.52	4 ⁷ / ₁₆	8.800	6 3/8"
WD102-8	8	5.000	13.07	5 ¹⁵ / ₁₆	10.567	6 3/8"
WD102-9	9	5.000	14.62	5 ¹⁵ / ₁₆	12.242	6 3/8"
WD102-10	10	5.000	16.18	5 ¹⁵ / ₁₆	13.888	6 3/8"
WD102-11	11	5.000	17.75	5 ¹⁵ / ₁₆	15.500	6 3/8"
WD102-12	12	5.000	19.32	5 ¹⁵ / ₁₆	17.162	6 3/8"

DRAG CHAIN SPROCKETS

WD104 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WD104-6	6	6.000	12.00	4 $\frac{7}{16}$	8.892	4 $\frac{1}{8}$ "
WD104-7	7	6.000	13.83	4 $\frac{7}{16}$	10.980	4 $\frac{1}{8}$ "
WD104-8	8	6.000	15.68	5 $\frac{15}{16}$	12.990	4 $\frac{1}{8}$ "
WD104-9	9	6.000	17.54	5 $\frac{15}{16}$	14.990	4 $\frac{1}{8}$ "
WD104-10	10	6.000	19.42	5 $\frac{15}{16}$	16.968	4 $\frac{1}{8}$ "
WD104-11	11	6.000	21.30	5 $\frac{15}{16}$	18.920	4 $\frac{1}{8}$ "

WD110 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WD110-6	6	6.000	12.00	4 $\frac{7}{16}$	8.892	9"
WD110-7	7	6.000	13.83	4 $\frac{7}{16}$	10.980	9"
WD110-8	8	6.000	15.68	5 $\frac{15}{16}$	12.990	9"
WD110-9	9	6.000	17.54	5 $\frac{15}{16}$	14.990	9"
WD110-10	10	6.000	19.42	5 $\frac{15}{16}$	16.968	9"
WD110-11	11	6.000	21.30	5 $\frac{15}{16}$	18.920	9"

WD120 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WD120-6	6	6.000	12.00	5 $\frac{15}{16}$	8.392	8 $\frac{3}{4}$ "
WD120-7	7	6.000	13.83	5 $\frac{15}{16}$	10.460	8 $\frac{3}{4}$ "
WD120-8	8	6.000	15.68	5 $\frac{15}{16}$	12.488	8 $\frac{3}{4}$ "
WD120-9	9	6.000	17.54	5 $\frac{15}{16}$	14.486	8 $\frac{3}{4}$ "

DRAG CHAIN SPROCKETS

WD112 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WD112-6	6	8.000	16.00	5 ¹⁵ / ₁₆	12.360	9"
WD112-7	7	8.000	18.44	5 ¹⁵ / ₁₆	15.114	9"
WD112-8	8	8.000	20.90	5 ¹⁵ / ₁₆	17.812	9"
WD112-9	9	8.000	23.39	5 ¹⁵ / ₁₆	20.366	9"

WD116 Sprocket | WD118 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WD116-6 WD118-6	6	8.000	16.00	5 ¹⁵ / ₁₆	12.106	13"
WD116-7 WD118-7	7	8.000	18.44	5 ¹⁵ / ₁₆	14.854	13"
WD116-8 WD118-8	8	8.000	20.90	5 ¹⁵ / ₁₆	17.558	13"
WD116-9 WD118-9	9	8.000	23.39	5 ¹⁵ / ₁₆	20.230	13"

DRAG CHAIN SPROCKETS

WD122 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WD122-6	6	8.000	16.00	5 ¹⁵ / ₁₆	11.860	8 3/4"
WD122-7	7	8.000	18.44	5 ¹⁵ / ₁₆	14.614	8 3/4"
WD122-8	8	8.000	20.90	5 ¹⁵ / ₁₆	17.308	8 3/4"
WD122-9	9	8.000	23.39	5 ¹⁵ / ₁₆	19.980	8 3/4"

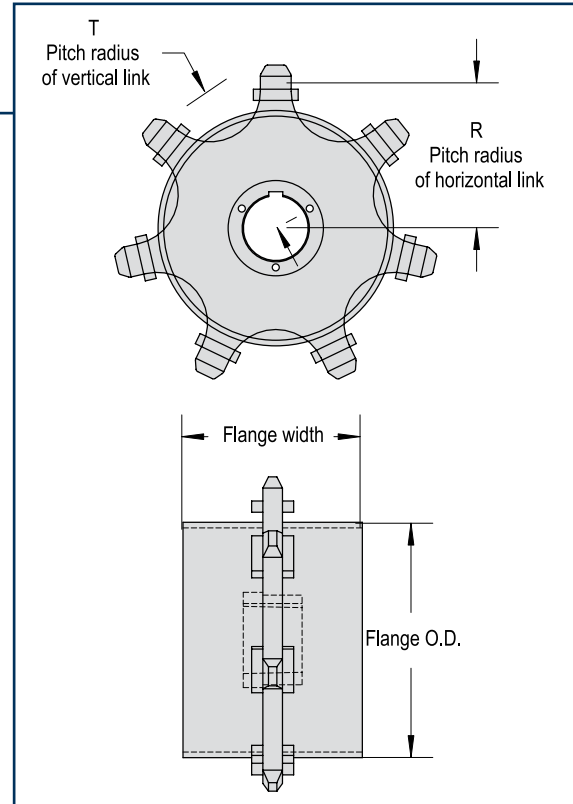
WD480 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Max Bore	Shroud Diameter	Tooth Face
WD480-6	6	8.000	16.00	5 ¹⁵ / ₁₆	11.860	11"
WD480-7	7	8.000	18.44	5 ¹⁵ / ₁₆	14.614	11"
WD480-8	8	8.000	20.90	5 ¹⁵ / ₁₆	17.308	11"
WD480-9	9	8.000	23.39	5 ¹⁵ / ₁₆	19.960	11"
WD480-10	10	8.000	25.89	5 ¹⁵ / ₁₆	22.620	11"
WD480-11	11	8.000	28.40	5 ¹⁵ / ₁₆	25.250	11"

LONG LINK SPROCKETS

INDUSTRY: 

Mac Long Link Fabricated Steel Sprockets induction hardened teeth are designed to extend wear life in applications for hog fuel, chips and log conveyors.



7/8 x 1 1/2 x 6 Sprocket

Part Number	Number of Teeth	"R" Dimension	"T" Dimension	Tooth Face
7/8 x 1 1/2 x 6 - 5Tooth	5	9.07	9.375	1 1/4"
7/8 x 1 1/2 x 6 - 6Tooth	6	11.06	11.30	1 1/4"
7/8 x 1 1/2 x 6 - 7Tooth	7	13.03	13.30	1 1/4"

1 x 1 3/4 x 6 Sprocket

Part Number	Number of Teeth	"R" Dimension	"T" Dimension	Tooth Face
1 x 1 3/4 x 6 - 5Tooth	5	9.06	9.40	1 1/2"
1 x 1 3/4 x 6 - 6Tooth	6	11.06	11.40	1 1/2"
1 x 1 3/4 x 6 - 7Tooth	7	13.00	13.30	1 1/2"

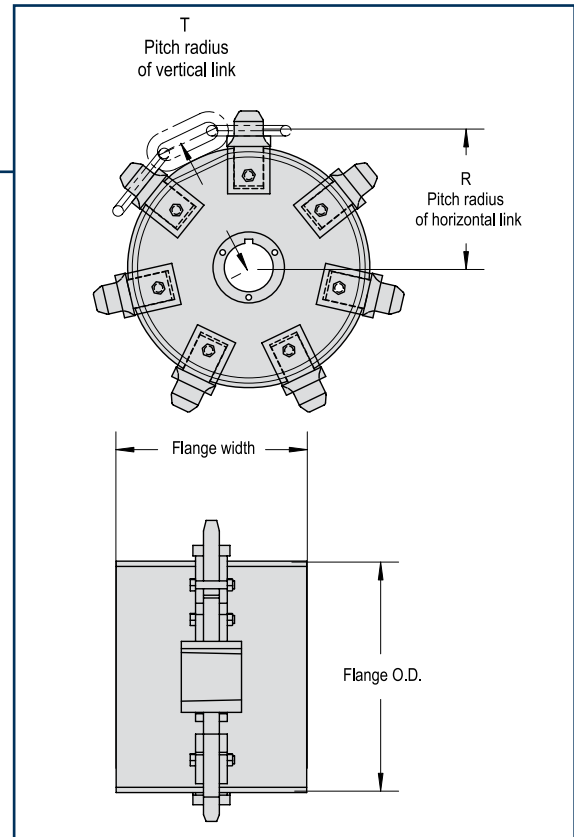
LONG LINK SPROCKETS

1 1/8 x 2 x 6 Sprocket

Part Number	Number of Teeth	"R" Dimension	"T" Dimension	Tooth Face
1 1/8 x 2 x 6 - 5Tooth	5	9.04	9.45	1 3/4"
1 1/8 x 2 x 6 - 6Tooth	6	11.06	11.45	1 3/4"
1 1/8 x 2 x 6 - 7Tooth	7	12.99	13.30	1 3/4"

LONG LINK REPLACEABLE TOOTH SPROCKETS

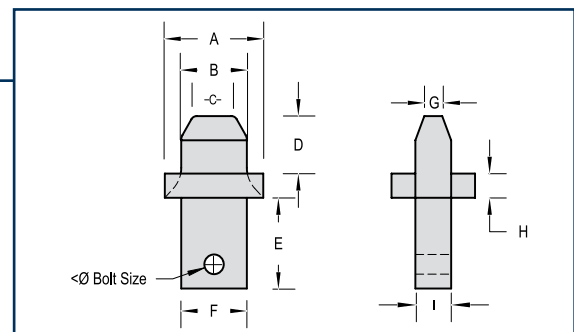
INDUSTRY: 



7-Tooth Replaceable Tooth Sprocket

Part Number	Number of Teeth	"R" Dimension	"T" Dimension	Tooth Face
13.03-13.30	7	13.03	13.30	1 1/4"
13.00-13.30	7	13.00	13.30	1 1/4"
12.99-13.30	7	12.99	13.30	1 1/4"

7-Tooth Sprocket Replacement Tooth

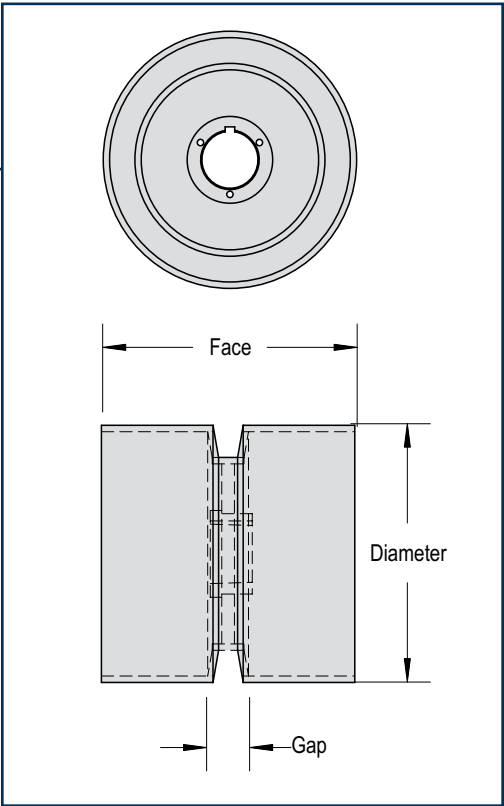


Part Number	A	B	C	D	E	F	G	H	Ø Bolt Size
REPLACEMENT TOOTH	4 1/8	2 3/4	1 3/4	2 3/8	3 3/4	2 3/4	3/4	1	3/4

LONG LINK IDLER DRUM SPROCKETS

INDUSTRY: 

Mac Long Link Fabricated Steel Idler Drum Sprockets are designed to extend wear life in applications for hog fuel, chip and log conveyors.



18 Diameter

Part Number	Diameter	Face	Drum Flange Thickness
18-14	18	14	$\frac{3}{8}$
18-16	18	16	$\frac{3}{8}$
18-18	18	18	$\frac{3}{8}$
18-20	18	20	$\frac{3}{8}$
18-22	18	22	$\frac{3}{8}$
18-24	18	24	$\frac{3}{8}$

20 Diameter

Part Number	Diameter	Face	Drum Flange Thickness
20-14	20	14	$\frac{3}{8}$
20-16	20	16	$\frac{3}{8}$
20-18	20	18	$\frac{3}{8}$
20-20	20	20	$\frac{3}{8}$
20-22	20	22	$\frac{3}{8}$
20-24	20	24	$\frac{3}{8}$

LONG LINK IDLER DRUM SPROCKETS

24 Diameter

Part Number	Diameter	Face	Drum Flange Thickness
24-14	24	14	$\frac{1}{2}$
24-16	24	16	$\frac{1}{2}$
24-18	24	18	$\frac{1}{2}$
24-20	24	20	$\frac{1}{2}$
24-22	24	22	$\frac{1}{2}$
24-24	24	24	$\frac{1}{2}$
24-26	24	26	$\frac{1}{2}$
24-28	24	28	$\frac{1}{2}$
24-30	24	30	$\frac{1}{2}$

30 Diameter

Part Number	Diameter	Face	Drum Flange Thickness
30-16	30	16	$\frac{1}{2}$
30-18	30	18	$\frac{1}{2}$
30-20	30	20	$\frac{1}{2}$
30-22	30	22	$\frac{1}{2}$
30-24	30	24	$\frac{1}{2}$
30-26	30	26	$\frac{1}{2}$
30-28	30	28	$\frac{1}{2}$
30-30	30	30	$\frac{1}{2}$

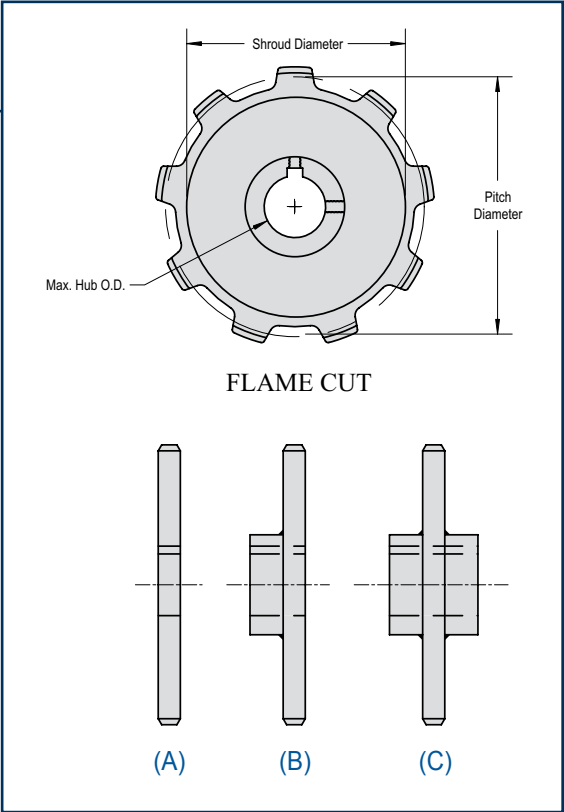
36 Diameter

Sprocket Number	Diameter	Face	Drum Flange Thickness
36-24	36	24	$\frac{1}{2}$
36-30	36	30	$\frac{1}{2}$
36-36	36	36	$\frac{1}{2}$

PINTLE CHAIN SPROCKETS

INDUSTRY: 

Mac Steel Pintle Chain Sprockets are made to ANSI specifications. The “B” and “C” hubs are precision machined with plain bore or keway and two set screws.



M662 Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Shroud Diameter	Tooth Face
M662-6	6	1.664	3.33	2.08	3/4"
M662-7	7	1.664	3.84	2.65	3/4"
M662-8	8	1.664	4.35	3.21	3/4"
M662-9	9	1.664	4.87	3.77	3/4"
M662-10	10	1.664	5.38	4.32	3/4"
M662-11	11	1.664	5.91	4.86	3/4"
M662-12	12	1.664	6.43	5.41	3/4"
M662-13	13	1.664	6.95	5.95	3/4"
M662-14	14	1.664	7.48	6.49	3/4"
M662-15	15	1.664	8.00	7.03	3/4"
M662-16	16	1.664	8.53	7.56	3/4"

PINTLE CHAIN SPROCKETS

M662 Sprocket (cont'd)

Part Number	Number of Teeth	Pitch	Pitch Diameter	Shroud Diameter	Tooth Face
M662-17	17	1.664	9.06	8.10	3/4"
M662-18	18	1.664	9.58	8.63	3/4"
M662-19	19	1.664	10.11	9.17	3/4"
M662-20	20	1.664	10.64	9.70	3/4"
M662-21	21	1.664	11.16	10.24	3/4"
M662-22	22	1.664	11.69	10.77	3/4"
M662-23	23	1.664	12.22	11.30	3/4"
M662-24	24	1.664	12.75	11.84	3/4"

PINTLE CHAIN SPROCKETS

M667H Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Shroud Diameter	Tooth Face
M667H-6	6	2.313	4.63	2.08	7/8"
M667H-7	7	2.313	5.33	2.65	7/8"
M667H-8	8	2.313	6.04	3.21	7/8"
M667H-9	9	2.313	6.76	3.77	7/8"
M667H-10	10	2.313	7.49	4.32	7/8"
M667H-11	11	2.313	8.21	4.86	7/8"
M667H-12	12	2.313	8.94	5.41	7/8"
M667H-13	13	2.313	9.67	5.95	7/8"
M667H-14	14	2.313	10.39	6.49	7/8"
M667H-15	15	2.313	11.12	7.03	7/8"
M667H-16	16	2.313	11.86	7.56	7/8"
M667H-17	17	2.313	12.59	8.10	7/8"
M667H-18	18	2.313	13.32	8.63	7/8"
M667H-19	19	2.313	14.05	9.17	7/8"
M667H-20	20	2.313	14.79	9.70	7/8"
M667H-21	21	2.313	15.52	10.24	7/8"
M667H-22	22	2.313	16.25	10.77	7/8"
M667H-23	23	2.313	16.99	11.30	7/8"
M667H-24	24	2.313	17.72	11.84	7/8"

PINTLE CHAIN SPROCKETS

M667X Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Shroud Diameter	Tooth Face
M667X-6	6	2.250	4.50	2.85	7/8"
M667X-7	7	2.250	5.19	3.62	7/8"
M667X-8	8	2.250	5.88	4.38	7/8"
M667X-9	9	2.250	6.58	5.13	7/8"
M667X-10	10	2.250	7.28	5.87	7/8"
M667X-11	11	2.250	7.99	6.61	7/8"
M667X-12	12	2.250	8.69	7.35	7/8"
M667X-13	13	2.250	9.40	8.08	7/8"
M667X-14	14	2.250	10.11	8.81	7/8"
M667X-15	15	2.250	10.82	9.53	7/8"
M667X-16	16	2.250	11.53	10.26	7/8"
M667X-17	17	2.250	12.24	10.99	7/8"
M667X-18	18	2.250	12.96	11.71	7/8"
M667X-19	19	2.250	13.67	12.43	7/8"
M667X-20	20	2.250	14.38	13.16	7/8"
M667X-21	21	2.250	15.10	13.88	7/8"
M667X-22	22	2.250	15.81	14.60	7/8"
M667X-23	23	2.250	16.52	15.32	7/8"
M667X-24	24	2.250	17.24	16.04	7/8"

PINTLE CHAIN SPROCKETS

M667K Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Shroud Diameter	Tooth Face
M667K-6	6	2.250	4.50	2.72	1"
M667K-7	7	2.250	5.19	3.50	1"
M667K-8	8	2.250	5.88	4.26	1"
M667K-C9	9	2.250	6.58	5.01	1"
M667K-10	10	2.250	7.28	5.75	1"
M667K-11	11	2.250	7.99	6.49	1"
M667K-12	12	2.250	8.69	7.22	1"
M667K-13	13	2.250	9.40	7.95	1"
M667K-14	14	2.250	10.11	8.68	1"
M667K-15	15	2.250	10.82	9.41	1"
M667K-16	16	2.250	11.53	10.14	1"
M667K-17	17	2.250	12.24	10.86	1"
M667K-18	18	2.250	12.96	11.59	1"
M667K-19	19	2.250	13.67	12.31	1"
M667K-20	20	2.250	14.38	13.03	1"
M667K-C21	21	2.250	15.10	13.75	1"
M667K-22	22	2.250	15.81	14.47	1"
M667K-23	23	2.250	16.52	15.20	1"
M667K-24	24	2.250	17.24	15.92	1"

PINTLE CHAIN SPROCKETS

M667XH Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Shroud Diameter	Tooth Face
M667XH-6	6	2.250	4.50	2.73	1"
M667XH-7	7	2.250	5.19	3.51	1"
M667XH-8	8	2.250	5.88	4.27	1"
M667XH-9	9	2.250	6.58	5.02	1"
M667XH-10	10	2.250	7.28	5.76	1"
M667XH-11	11	2.250	7.99	6.50	1"
M667XH-12	12	2.250	8.69	7.23	1"
M667XH-13	13	2.250	9.40	7.97	1"
M667XH-14	14	2.250	10.11	8.70	1"
M667XH-15	15	2.250	10.82	9.42	1"
M667XH-16	16	2.250	11.53	10.15	1"
M667XH-17	17	2.250	12.24	10.87	1"
M667XH-18	18	2.250	12.96	11.60	1"
M667XH-19	19	2.250	13.67	12.32	1"
M667XH-20	20	2.250	14.38	13.04	1"
M667XH-21	21	2.250	15.10	13.77	1"
M667XH-22	22	2.250	15.81	14.49	1"
M667XH-23	23	2.250	16.52	15.21	1"
M667XH-24	24	2.250	17.24	15.93	1"

PINTLE CHAIN SPROCKETS

M88K Sprocket

Part Number	Number of Teeth	Pitch	Pitch Diameter	Shroud Diameter	Tooth Face
M88K-6	6	2.609	5.22	3.33	1"
M88K-7	7	2.609	6.01	4.22	1"
M88K-8	8	2.609	6.82	5.11	1"
M88K-9	9	2.609	7.63	5.97	1"
M88K-10	10	2.609	8.44	6.84	1"
M88K-11	11	2.609	9.26	7.69	1"
M88K-12	12	2.609	10.08	8.54	1"
M88K-13	13	2.609	10.90	9.39	1"
M88K-14	14	2.609	11.72	10.24	1"
M88K-15	15	2.609	12.55	11.08	1"
M88K-16	16	2.609	13.37	11.92	1"
M88K-17	17	2.609	14.20	12.76	1"
M88K-18	18	2.609	15.02	13.60	1"
M88K-19	19	2.609	15.85	14.44	1"
M88K-20	20	2.609	16.68	15.28	1"
M88K-21	21	2.609	17.51	16.12	1"
M88K-22	22	2.609	18.33	16.95	1"
M88K-23	23	2.609	19.16	17.79	1"
M88K-24	24	2.609	19.99	18.62	1"



Technical drawings of various mechanical components, including gears, shafts, and structural parts, with dimensions and labels.

Labels include: Max H&G OD, FLAME CUT, A Pitch, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VV, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ.

TECHNICAL INFORMATION



RECOMMENDED FIELD WELDING TECHNIQUE

1

Preheat attachment & chain to approx. 300° F (170° C). Temperature may be affected by the geometry of attachment and chemical composition of the steel.

2

Use 7018 rod or equivalent, or suitable MIG wire.

3

Avoid welding vertically or at offset bends on sidebars if possible.

AVAILABLE OPTIONS FOR MAC CHAIN

1

Through Heat Treating. Where not standard through heat treated sidebars barrels or rivets are an excellent option to increase chain life.

2

Induction Hardening. Where not standard induction hardening can be added to specific components to greatly increase chain life.

3

Pregreasing. Factory pregreasing with premium polymer grease is an excellent way to extend the life of welded steel chain. Pregreasing will greatly reduce initial break in wear increasing overall chain life by 25% or more.

4

Double-Locking. Double locking rivets is the process of welding the rivet head and rivet end to the sidebars locking the rivet in place. This reduces possible rivet and sidebar hole wear that can lead to chain elongation in heavy load or severe applications.

TECHNICAL INFORMATION

Chain Designation

WR - Welded Steel Chain c/w Heat-Treated rivets

WH - Welded Steel Chain fully Heat-Treated

WD - Welded Steel Drag Chain

WDH - Welded Steel Heat-Treated Drag Chain

XHD - Extra heavy duty

Heat-treated + Induction-hardened Chain

For maximum chain life in severe applications including heavy impact loading and high-speed applications or abrasive conditions specific heat treating may be required.

Induction-hardened Pins

All Mac mill chain comes standard with through Heat-Treated rivets. All Mac mill chain with a 1" rivet diameter and larger comes standard with an additional induction hardening. All Mac Drag Chain with a $\frac{3}{4}$ " and $\frac{7}{8}$ " diameter rivet comes standard with zone induction hardening. All Mac Drag Chain with a 1" diameter rivet comes standard with through heat treating.

Precision Taper-fit Pins

All Mac Mill Chain with a $\frac{3}{4}$ " – 1 $\frac{1}{8}$ " diameter rivet are constructed with Mac Precision Taper Fit Rivets. These rivets are superior in design compared with conventional rivets. When the PTF rivet is pressed into the link, it provides 100% contact between the rivet and the sidebar, reducing wear and increasing chain life.

Through Heat-treating and Induction-hardening

SIDEBAR Heat-Treated 32-36 Rc

BARRELS Heat-Treated 32-36Rc or Induction Hardened 44-50 Rc

RIVETS Heat-Treated 32-36Rc or Induction Hardened 44-50 Rc



Wear

In a non-abrasive environment Heat-Treated and/or Induction Hardened chain may have a greater working life expectancy up to 50 % longer than non heat-treated.

Impact and Strength

Through Heat-Treated chain will improve impact resistance strength and ultimate strength.

TECHNICAL INFORMATION

BREAK-IN PERIOD

Proper procedure after chain installation must be followed to ensure long service life.

1

Chain should be run with no load for a period of 6-8 hours if practical.

2

Lubrication should be used where possible, even a fine mist of water will allow surfaces to polish up and seat in.

3

It is critical that sprockets are aligned and in perfect pitch. New chain installed on worn sprockets will not reach its full life expectancy. Out of pitch sprockets will overstress the new chain and lead to dramatic premature wear. It is always recommended that new chain be installed on new sprockets.

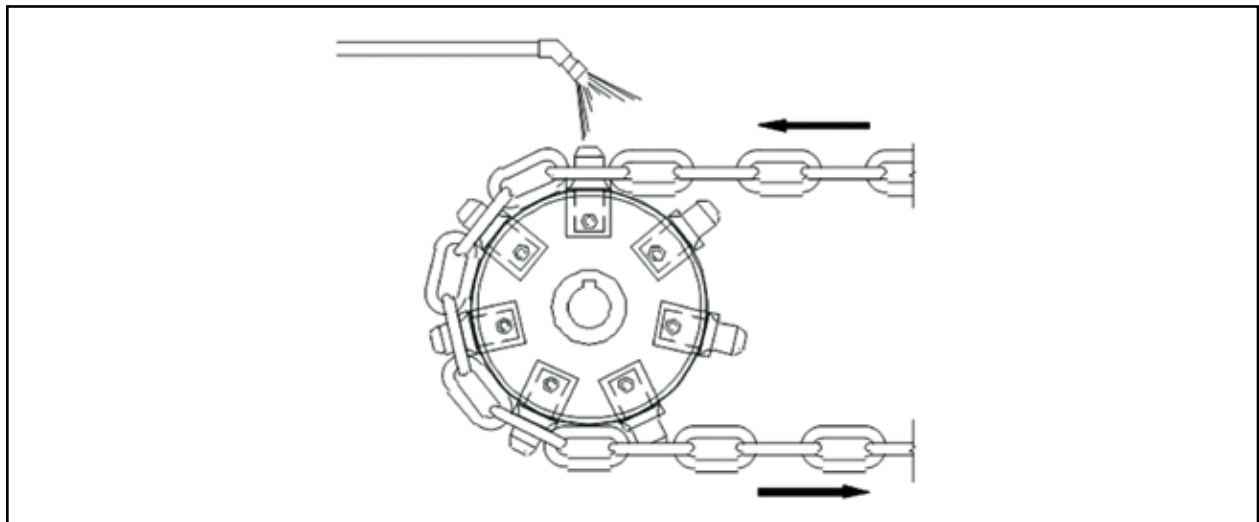
4

Make sure wear strip is in good condition and there are no hang-ups along conveyor path.

Long Link Chain Installation

The proper break-in procedure should be followed to ensure long service life.

THE USE OF CLEAN WATER applied on the chain at the drive sprocket is a must. Water polishes the steel where the links rub together. This will cut down any chance of galling in this area. The chain should be run without load for 6 to 8 hours or what ever is practical with a spray of clean water during this break-in period. A failure to properly break in Long Link chain usually produces random galling of the links which causes rapid wear. Mac Chain recommends spraying water on the chain at all time to maintain good chain life.



WARRANTY CERTIFICATE



Mac Chain Company Ltd. is a leading manufacturer of quality steel conveyor chains for industrial users.

Our commitment to quality includes extensive research and development, rigid process control, performance testing and continuous innovation. Each chain is uniquely engineered for strength and durability, given the specific set of conditions for which it was designed.

Mac Chain Company Ltd. extends a limited warranty on the products it manufactures for the lifetime of the products, warranting the quality of the materials according to the specifications of our chain products and the quality of our workmanship in manufacturing our products. Normal wear and tear over time excluded.

Mac Chain Company Ltd. has the experience, skills and equipment to provide your company with the very best quality steel chains.

Purchaser shall notify **Mac Chain Company Ltd.** promptly of any claim with respect to its products and such products shall be held for inspection by **Mac Chain Company Ltd.**

TERMS AND CONDITIONS

1. GENERAL

These conditions supersede those contained in all previous quotations, orders and agreements whether written or oral and shall be the only conditions governing future transactions between the Seller and the Buyer, unless otherwise specifically agreed to in writing by the Seller. Clerical errors are subject to correction. Time is of the essence hereof.

2. LIMITATIONS OF LIABILITY

Mac warrants that the products will be manufactured in a good and workmanlike manner, in accordance with the specifications of Mac or the customer, as the case may be. This warranty is in lieu of all other warranties, written, oral, statutory, express or implied, including, without limitation, warranties of merchantability and of fitness for a particular purpose. Mac's liability shall be limited to the replacement of the goods and customer shall not have any claim for damages arising out of the use or the operation of the goods, whether in tort or in contract; and without limiting the foregoing, Mac shall not be liable for any indirect, special or consequential damages of any nature or kind whatsoever, including business, economic or other loss.

3. ESCALATION

Prices quoted are based on current labour rates and material costs and, if applicable, current freight rates, customs duties, taxes and foreign exchange rates and are therefore subject to change to the extent of any change (either before or after acceptance of this quotation and during the contract period) in any of the foregoing items.

4. TERMS

All orders are subject to approval of Seller's Credit Department. All payments past due shall bear interest at the rate of 11 1/2 % per month (equivalent to 18% annum) until paid. Orders cannot be cancelled or changed or deliveries deferred, except on terms satisfactory to the Seller. If the Buyer fails to pay an installment of the purchase price when due, the Seller may stop work and, at the Seller's option, the entire purchase price shall become immediately due and payable.

5. PAYMENT

All prices quoted are F.O.B. Seller's plant. Sale shall be deemed complete and the property in the goods pass when the goods are ready for delivery. Goods will be invoiced when ready for delivery and payment thereof shall be net cash thirty (30) days from the date of invoice. The Seller reserves the right to alter the terms of payment or to require payment prior to the time of delivery, if, in the Seller's opinion, the Buyer's financial condition or other circumstances do not warrant delivery on the terms originally agreed upon. A quotation is valid for a period of thirty (30) days from quotation date. Prices quoted are exclusive of all sales and excise taxes, customs duties or other taxes or levies, and the Buyer is to be responsible therefore.

6. PACKAGING

Chain is shipped in wired bundles of approximately 10 foot lengths. Any other lengths required, shall be made on customer's authorization at time of order.

7. DELAYS

Delivery dates are estimates only and are predicated on conditions as known to the Seller at the time of the quotation and the Seller shall not be liable for any direct, indirect or consequential damages due to delays or inability to perform caused by factors beyond its control including but not limited to acts of God, flood, war, riot, fire, accident, explosion, labour troubles, acts of Government, delay or default by sub-contractors or suppliers of material or services or transportation difficulties. Delivery dates shall be extended by the period of such delay.

8. SHIPMENT

If transportation quoted, the Seller shall decide carrier and method of shipment unless Buyer's instructions have been agreed to by the Seller prior to quotation. The Seller will not be responsible for any loss or damage to the goods after they are ready for delivery to carrier and the Buyer agrees to assume such risks. Insurance premiums, special crating or shipping charges shall be arranged and paid for by the Buyer.

9. INSPECTION

If Buyer reserves right to inspect the goods prior to delivery such inspection shall be made within seven (7) days of Buyer receiving written notice from Seller that the goods are ready for delivery; otherwise Buyer shall be deemed to have waived all rights of inspection and delivery to the Buyer shall be deemed to be complete at the end of the seven (7) day period.

10. STORAGE AND RETURN OF GOODS

If the Buyer is unable to remove the goods within thirty (30) days of their delivery ex Seller's plant, the Seller shall be entitled to charge storage on the goods. Goods cannot be returned except upon Seller's written consent, and will be subject to a restocking charge equal to 25% of the Buyer's invoice price.

11. SPECIFICATIONS

In accordance with the policy of the seller to constantly improve its products, the specifications, designs, and dimensions contained in this catalogue are subject to change without notice.

12. RESPONSIBILITY

We decline responsibility for any damages incurred as a result of improper installation of attachments installed by firms other than ourselves.

13. APPLICABLE LAW

Any contract between the Buyer and Seller shall be subject to and construed in accordance with the laws of the Province of British Columbia.

14. PATENTS

The Buyer agrees to save the Seller harmless from all patent infringement claims, liability and expense resulting from the Seller's compliance with the Buyer's specifications or designs now or hereafter forming a part of any work or from written instructions of the Buyer directing the manner in which the Seller shall perform any work

ENGINEERING FORMULA + HELPFUL TABLES

Horsepower

Horsepower equals 33,000 foot pounds per minute, or 550 pounds per second, in terms of chain load and speed.

$$\text{HP} = \frac{\text{Working Load} \times \text{Ft. Per Min}}{33,000}$$

or

$$\text{HP} = \frac{\text{Working Load} \times T \times P \times \text{R.P.M.}}{396,000}$$

T = number of sprocket teeth; P = chain pitch

Chain working load

When the horsepower input is known and the chain working load is desired, this can be calculated as follows:

$$\text{Working Load} = \frac{\text{HP} \times 33,000}{\text{Ft. Per Min.}} \quad \text{or} \quad \text{Working Load} = \frac{\text{HP} \times 396,000}{T \times P \times \text{R.P.M.}}$$

Factor of safety

Factor of Safety is determined as follows:

$$\text{F.S.} = \frac{\text{Chain Ultimate Strength}}{\text{Chain Working Load}}$$

Chain speed

Chain Speed can be determined from the following formula:

$$\text{Chain Speed} = \frac{T \times \text{R.P.M.}}{K} \quad (\text{Ft. Per Min.})$$

T = number of sprocket teeth; K = pitches of chain per foot

Chain lengths in pitches (approx)

$$\text{Chain Length} = \frac{S}{2} + 2C =$$

S = sum of teeth, both sprockets; C = center of distance in pitches

Chain approx workload

$$\text{Divide} = \frac{\text{Ultimate Strength in lbs.}}{6 \text{ (safety factor)}}$$

Example:

$$\text{WR 132} = \frac{85,000\#}{6} = 14,167\#$$

Theoretical weights of steel

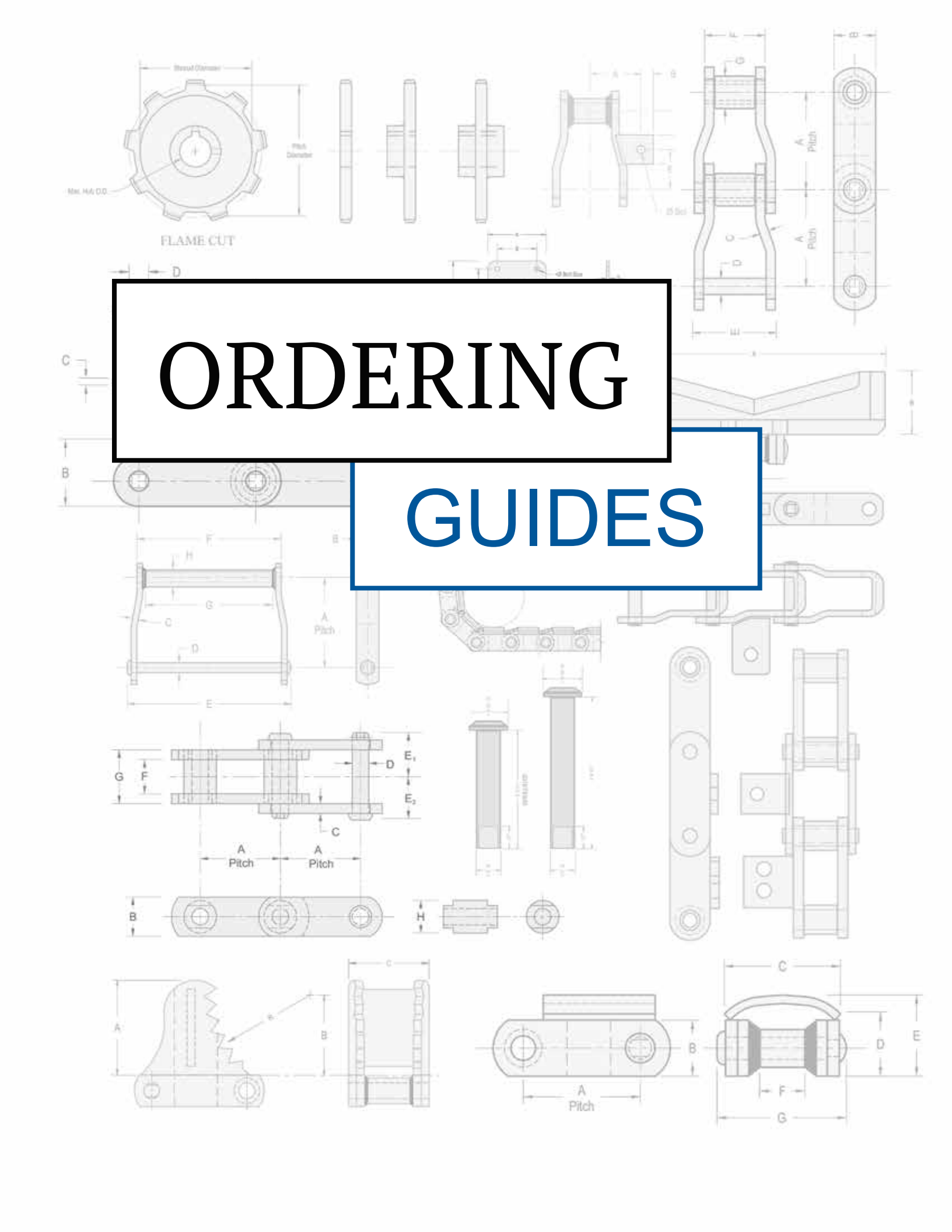
$$1) \frac{\text{cubic inches of steel}}{\times 0.28334} = \text{Pounds}$$

$$2) \frac{\text{cubic feet of steel}}{\times 489.6} = \text{Pounds}$$

Approx. Weights of Wood in Lbs./Cu Ft.

species	green	airdry
Alder, <i>red</i>	46	28
Ash, <i>black</i>	52	34
Ash, <i>commercial white</i>	48	41
Ash, <i>Oregon</i>	46	38
Aspen	43	26
Basswood	42	26
Beech	54	45
Birch	57	44
Birch, <i>paper</i>	50	38
Cedar, <i>Alaska</i>	36	31
Cedar, <i>eastern red</i>	37	33
Cedar, <i>northern white</i>	28	22
Cedar, <i>southern white</i>	26	23
Cedar, <i>western red</i>	27	23
Cherry, <i>black</i>	45	35
Chestnut	55	30
Cottonwood, <i>eastern</i>	49	28
Cottonwood, <i>northern black</i>	46	24
Cypress, <i>southern</i>	41	32
Douglas Fir, <i>coast region</i>	38	34
Douglas Fir, <i>Rocky Mtn. Region</i>	35	30
Elm, <i>American</i>	54	35
Elm, <i>rock</i>	53	44
Elm, <i>Slippery</i>	56	37
Fir, <i>balsam</i>	45	25
Fir, <i>commercial white</i>	46	27
Gum, <i>black</i>	45	35
Gum, <i>red</i>	50	34
Hemlock, <i>eastern</i>	50	28
Hemlock, <i>western</i>	41	29
Hickory, <i>pecan</i>	62	45
Hickory, <i>true</i>	63	51
Honeylocust	61	..
Larch, <i>western</i>	48	36
Locust, <i>black</i>	58	48
Maple, <i>bigleaf</i>	47	34
Maple, <i>black</i>	54	40
Maple, <i>red</i>	50	38
Maple, <i>silver</i>	45	44
Maple, <i>sugar</i>	56	44
Oak, <i>red</i>	..	44
Oak, <i>white</i>	63	47
Pine, <i>lodgepole</i>	39	29
Pine, <i>northern white</i>	36	25
Pine, <i>Norway</i>	42	34
Pine, <i>Ponderosa</i>	45	28
Pines, <i>southern yellow:</i>		
Pine, <i>loblolly</i>	53	36
Pine, <i>longleaf</i>	55	41
Pine, <i>shortleaf</i>	52	36
Pine, <i>sugar</i>	52	25
Pine, <i>western white</i>	35	27
Poplar, <i>yellow</i>	38	28
Redwood	50	28





FLAME CUT

Max. H4 D.D.

Shaft Diameter

Hub Diameter

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

AA

AB

AC

AD

AE

AF

AG

AH

AI

AJ

AK

AL

AM

AN

AO

AP

AQ

AR

AS

AT

AU

AV

AW

AX

AY

AZ

BA

BB

BC

BD

BE

BF

BG

BH

BI

BJ

BK

BL

BM

BN

BO

BP

BQ

BR

BS

BT

BU

BV

BW

BX

BY

BZ

CA

CB

CC

CD

CE

CF

CG

CH

CI

CJ

CK

CL

CM

CN

CO

CP

CQ

CR

CS

CT

CU

CV

CW

CX

CY

CZ

DA

DB

DC

DD

DE

DF

DG

DH

DI

DJ

DK

DL

DM

DN

DO

DP

DQ

DR

DS

DT

DU

DV

DW

DX

DY

DZ

EA

EB

EC

ED

EE

EF

EG

EH

EI

EJ

EK

EL

EM

EN

EO

EP

EQ

ER

ES

ET

EU

EV

EW

EX

EY

EZ

FA

FB

FC

FD

FE

FF

FG

FH

FI

FJ

FK

FL

FM

FN

FO

FP

FQ

FR

FS

FT

FU

FV

FW

FX

FY

FZ

GA

GB

GC

GD

GE

GF

GG

GH

GI

GJ

GK

GL

GM

GN

GO

GP

GQ

GR

GS

GT

GU

GV

GW

GX

GY

GZ

HA

HB

HC

HD

HE

HF

HG

HH

HI

HJ

HK

HL

HM

HN

HO

HP

HQ

HR

HS

HT

HU

HV

HW

HX

HY

HZ

IA

IB

IC

ID

IE

IF

IG

IH

II

IJ

IK

IL

IM

IN

IO

IP

IQ

IR

IS

IT

IU

IV

IW

IX

IY

IZ

JA

JB

JC

JD

JE

JF

JG

JH

JI

JJ

JK

JL

JM

JN

JO

JP

JQ

JR

JS

JT

JU

JV

JW

JX

JY

JZ

KA

KB

KC

KD

KE

KF

KG

KH

KI

KJ

KL

KM

KN

KO

KP

KQ

KR

KS

KT

KU

KV

KW

KX

KY

KZ

LA

LB

LC

LD

LE

LF

LG

LH

LI

LJ

LK

LL

LM

LN

LO

LP

LQ

LR

LS

LT

LU

LV

LW

LX

LY

LZ

MA

MB

MC

MD

ME

MF

MG

MH

MI

MJ

MK

ML

MM

MN

MO

MP

MQ

MR

MS

MT

MU

MV

MW

MX

MY

MZ

NA

NB

NC

ND

NE

NF

NG

NH

NI

NJ

NK

NL

NM

NN

NO

NP

NQ

NR

NS

NT

NU

NV

NW

NX

NY

NZ

OA

OB

OC

OD

OE

OF

OG

OH

OI

OJ

OK

OL

OM

ON

OO

OP

OQ

OR

OS

OT

OU

OV

OW

OX

OY

OZ

PA

PB

PC

PD

PE

PF

PG

PH

PI

PJ

PK

PL

PM

PN

PO

PP

PQ

PR

PS

PT

PU

PV

PW

PX

PY

PZ

QA

QB

QC

QD

QE

QF

QG

QH

QI

QJ

QK

QL

QM

QN

QO

QP

QQ

QR

QS

QT

QU

QV

QW

QX

QY

QZ

RA

RB

RC

RD

RE

RF

RG

RH

RI

RJ

RK

RL

RM

RN

RO

RP

RQ

RR

RS

RT

RU

RV

RW

RX

RY

RZ

SA

SB

SC

SD

SE

SF

SG

SH

SI

SJ

SK

SL

SM

SN

SO

SP

SQ

SR

SS

ST

SU

SV

SW

SX

SY

SZ

TA

TB

TC

TD

TE

TF

TG

TH

TI

TJ

TK

TL

TM

TN

TO

TP

TQ

TR

TS

TT

TU

TV

TW

TX

TY

TZ

UA

UB

UC

UD

UE

UF

UG

UH

UI

UJ

UK

UL

UM

UN

UO

UP

UQ

UR

US

UT

UU

UV

UW

UX

UY

UZ

VA

VB

VC

VD

VE

VF

VG

VH

VI

VJ

VK

VL

VM

VN

VO

VP

VQ

VR

VS

VT

VU

VV

VW

VX

VY

VZ

WA

WB

WC

WD

WE

WF

WG

WH

WI

WJ

WK

WL

WM

WN

WO

WP

WQ

WR

WS

WT

WU

WV

WW

WX

WY

WZ

XA

XB

XC

XD

XE

XF

XG

XH

XI

XJ

XK

XL

XM

XN

XO

XP

XQ

XR

XS

XT

XU

XV

XW

XX

XY

XZ

YA

YB

YC

YD

YE

YF

YG

YH

YI

YJ

YK

YL

YM

YN

YO

YP

YQ

YR

YS

YT

YU

YV

YW

YX

YY

YZ

ZA

ZB

ZC

ZD

ZE

ZF

ZG

ZH

ZI

ZJ

ZK

ZL

ZM

ZN

ZO

ZP

ZQ

ZR

ZS

ZT

ZU

ZV

ZW

ZX

ZY

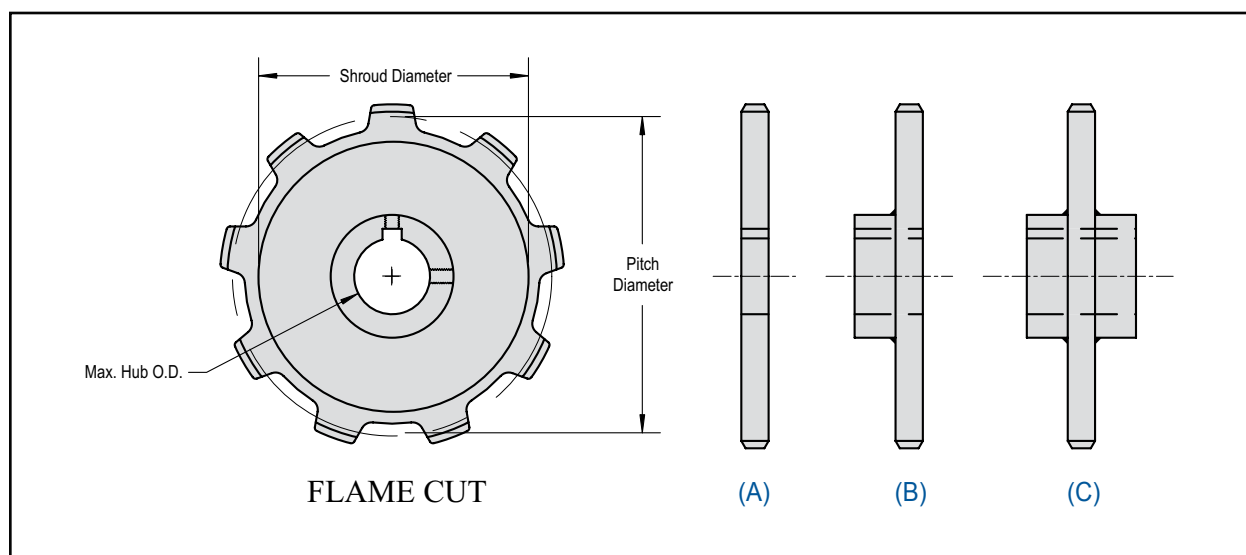
ZZ

ORDERING

GUIDES

GUIDES

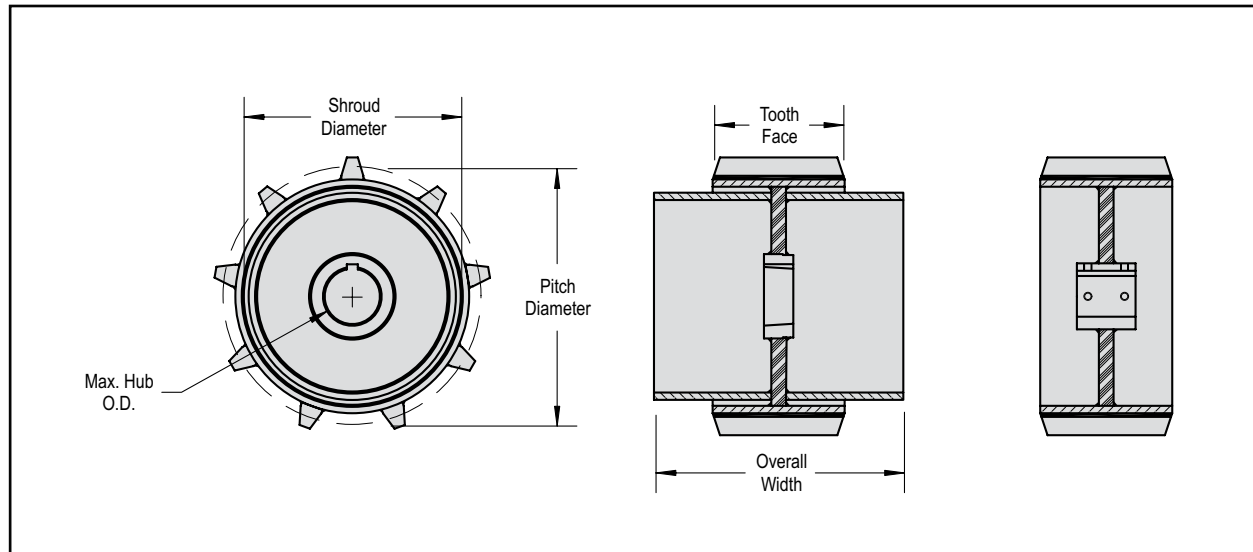
MILL CHAIN SPROCKET ORDERING GUIDE



Quantity	Chain Number	# of Teeth	Material	P.D.	O.D.	Profile	Standard	Split to Bolt

Hub Type	Bore Size	Hub O.D.	L.T.B.	Keyed or Bushed	Comments

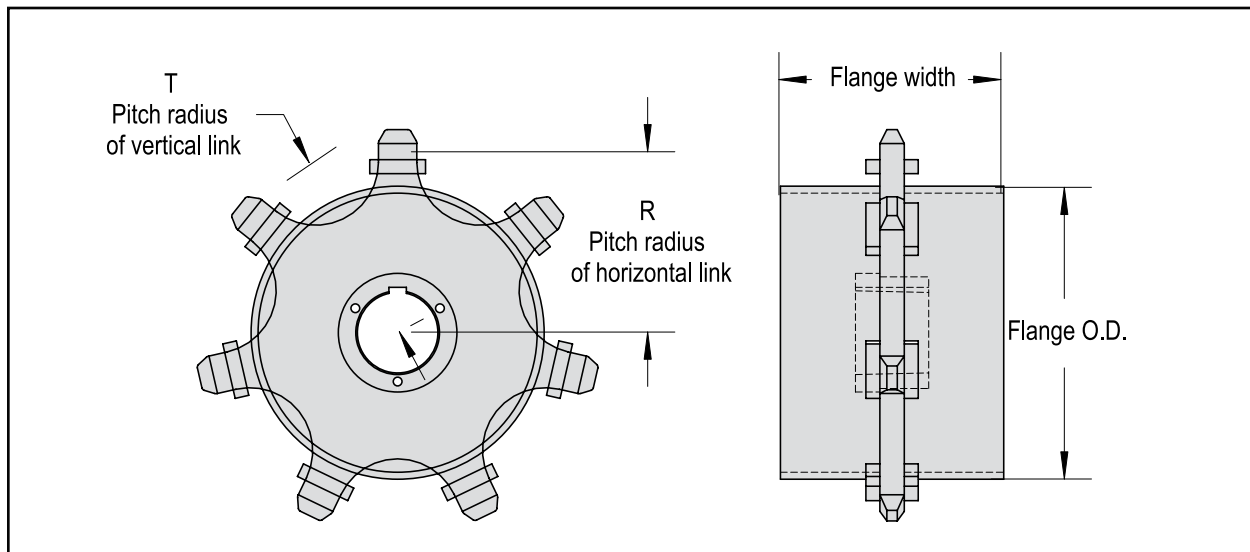
DRAG CHAIN SPROCKET ORDERING GUIDE



Quantity	Chain Number	# of Teeth	Material	P.D.	O.D.	Profile	Standard	Split to Bolt

Hub Type	Bore Size	Hub O.D.	L.T.B.	Keyed or Bushed	Comments

LONG LINK SPROCKET ORDERING GUIDE



Quantity	Chain Number	# of Teeth	Material	P.D.	O.D.	Profile	Standard	Split to Bolt

Hub Type	Bore Size	Hub O.D.	L.T.B.	Keyed or Bushed	Comments



Mac Chain Co. Ltd.