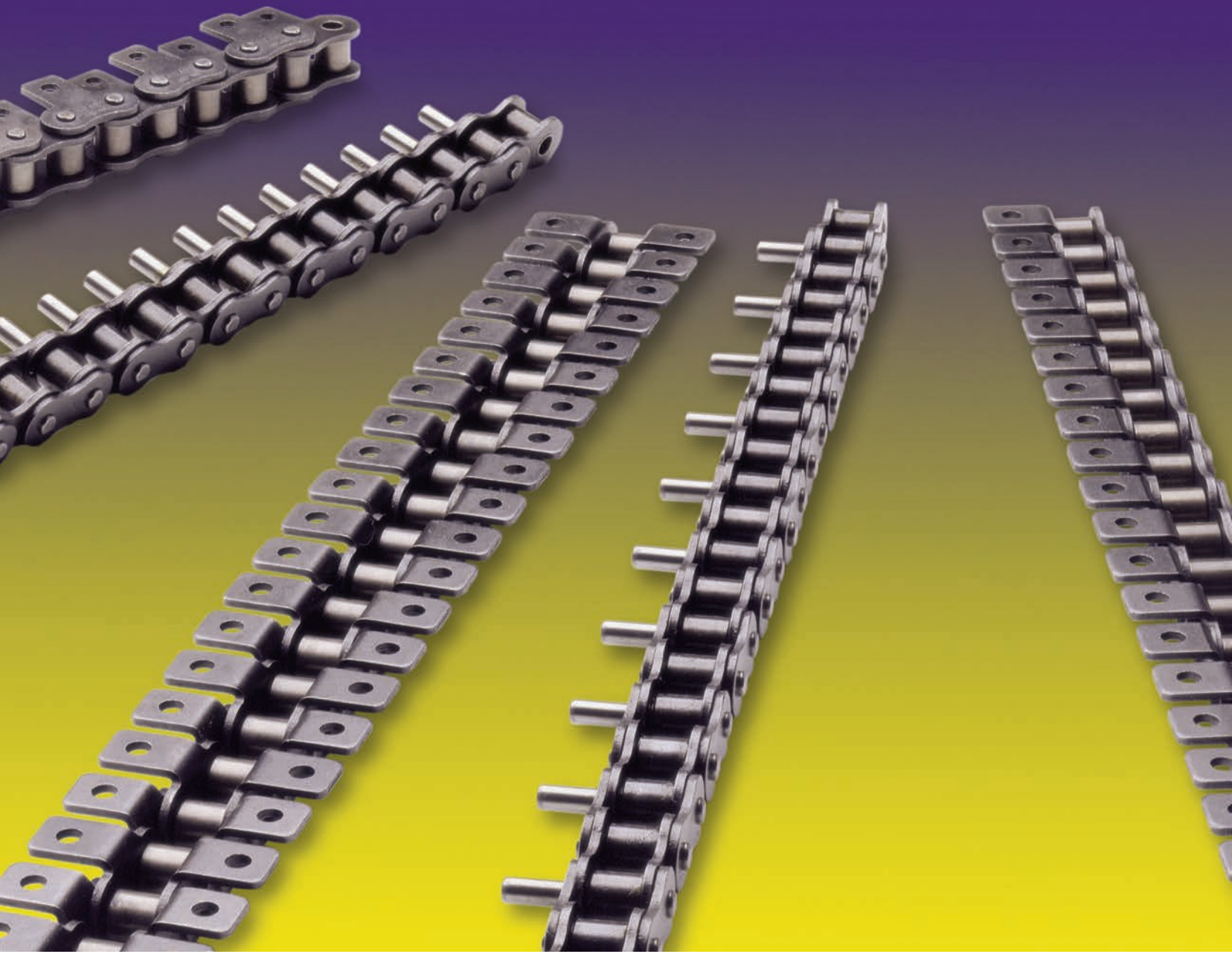




U.S. Tsubaki, Inc.

Roller Chain Division

Attachment Chain *Selection Guide*



Attachment Chain from U.S. Tsubaki

Attachment Chain from U.S. Tsubaki keeps American industry rolling. This is our core business, and we've dedicated considerable resources — nearly \$1,000,000 since 1988 — to improve, to innovate, and to provide the service you need. We'll keep your operation moving.

You can roll to the bank on U.S. Tsubaki Attachment Chain.

- Increased profitability.
- Improved productivity.
- Reduced downtime.

U.S. Tsubaki Offers a Winning Combination

Product

Discover the difference quality makes. Attachment Chain from U.S. Tsubaki is manufactured to ensure reliable, long-lasting performance in YOUR operation.

If you look carefully, you'll see some of the differences. Our link plates have wider waists than other chains. Link plates and rollers are shot peened to increase fatigue strength.

Service

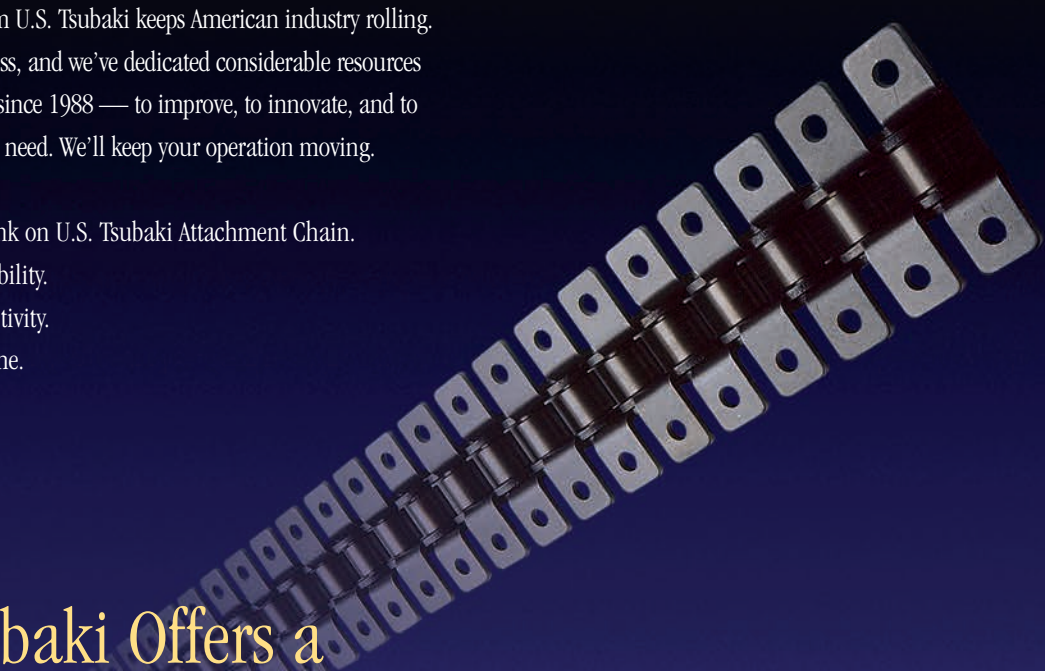
Attachment Chains are our #1 business. That's why we created a state-of-the-art manufacturing center, investing nearly \$1,000,000 in equipment. And we have a dedicated group of professionals — ready to respond! These are people with, on average, 10-15 years of experience — per person — in Attachment Chain. You get prompt turnaround and fast delivery.

Value

Get the right chain *right away*, at a great competitive price. U.S. Tsubaki Attachment Chains are manufactured to last. Maximize your investment and minimize your costs. We keep your operation rolling.

Variety

We have more than 46,000 designs of Attachment Chain available. Select the Attachment Chain that works best in your operation — ANSI Standard, LAMBDA®, Stainless Steel, Nickel-Plated, Neptune™... the list goes on and on. You'll see hundreds in this Selection Guide, but we have more. And we can make any attachment to order. Just send us your specs.



Attachment Chains Are Our #1 Business. Look for prompt, professional service at every step of your order.

Engineering

Consults on new applications and provides innovative solutions to tough problems. Gets an operation running — quickly and cost-effectively.

Inventory Control

Monitors stock at every U.S. Tsubaki Service Center to make sure high-quality chain and parts are on hand when — and where — they're needed.

Shipping

Uses the best means to get your Attachment Chain order delivered on time.

Manufacturing

Long-term experience in quickly and correctly assembling the industry's best MTO and stock Attachment Chain. Keeps your order rolling.

Quality Assurance

Inspects the order to make sure it meets your customer's requirements and exacting U.S. Tsubaki standards — the highest standards in the world.

Customer Service

Takes your call. Immediately quotes a competitive price and fast delivery. Tracks your order to ensure on-time delivery and your total satisfaction.



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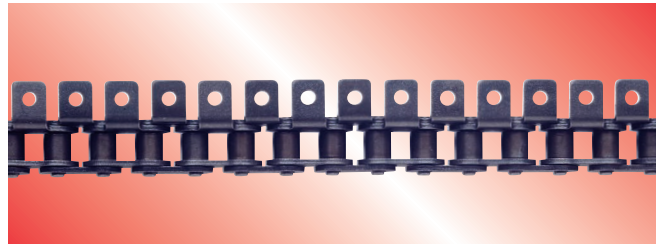
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How to Order Attachments

Selection Tips

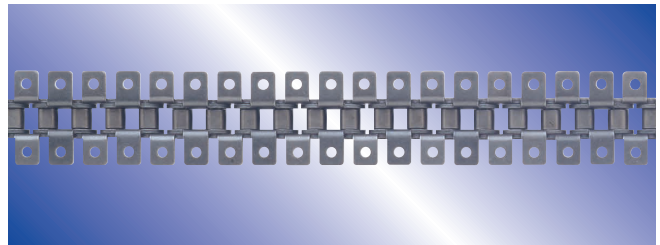
- **For Normal Conditions**

Choose the highest quality chain and attachments to maximize your investment. Line breaks, chain stretch, and unreliable performance can damage equipment and cause downtime. Keep your operation running smoothly with the right chain — right now — from U.S. Tsubaki.



- **For Wet Conditions**

Water (for example, in a sterilizer or water screen), may cause excessive wear due to insufficient lubrication, and rust may shorten chain life. In this case, a larger chain size provides more bearing area and lower bearing pressure. Stainless steel, nickel-plated, or Neptune™ chains offer rust protection.



- **For Corrosive Environments**

Corrosive environments may cause excessive chain wear. Hydrogen embrittlement may occur in an acidic atmosphere, and, in special cases, electrochemical corrosion may occur on the chain due to sea or mine water. Contact U.S. Tsubaki for information on corrosion-resistant stainless steel chains.



- **In Dusty Conditions**

If coke, metal powder, sand, etc., is present, the chain wears very quickly because foreign material gets between the parts of the chain and between the engaging surfaces of the sprocket teeth and the chain. Select a larger chain size to reduce the bearing pressure or choose a chain especially designed for high wear resistance.



The above information is provided as general guidelines. Consult the U.S. Tsubaki General Catalog or call U.S. Tsubaki for detailed ordering guidelines, and for specific application problems.

Attachment Chain Ordering Procedure

We've simplified the procedure to make it easy for you to order the Attachment Chain you need.

1. Choose the Attachment Chain that's right for your operation.

Select this chain...	For this condition/application...
Carbon Steel	Standard applications.
Nickel-Plated	Mildly corrosive environments.
Stainless Steel	Corrosive environments. Choose the stainless to meet the application.
304 (SS) Series	High or low temperatures and corrosive environments, including acids and alkalis.
316 (NS) Series	Very corrosive environments, low or high temperatures, and magnetic permeability, for example, electronics or ferrous metals.
600 (AS) Series	When strength and durability in corrosive environments are important.
LS Series	Corrosion resistance and long wear life in wet applications, including complete water immersion.
LAMBDA®	Lubrication is difficult or impossible, including food processing.
Neptune™	Wet or outdoor environments, including seawater.

2. Get some basic information.

You need to know the following information:

1. Size of the chain (pitch)
2. Material (see guide above)
3. Riveted or cottered pins
4. Type of attachment required
5. Spacing of attachments (e.g., every pitch, every 6th pitch)
6. Length of chain

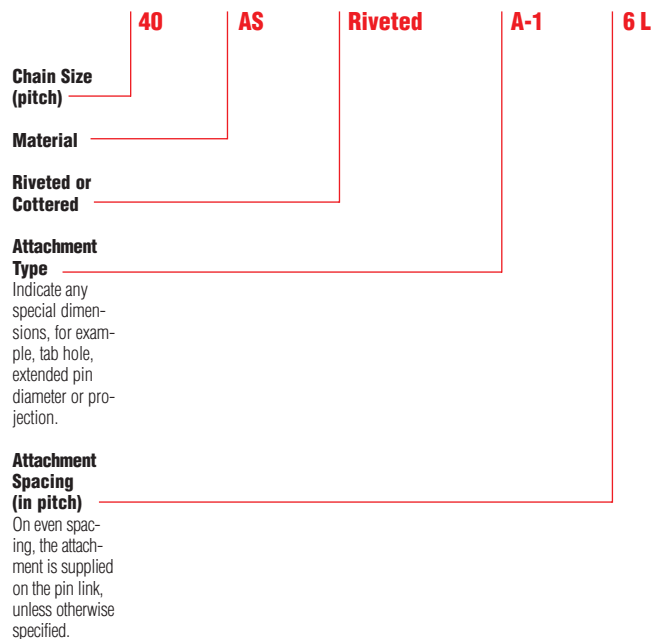
If you have any questions, call our Engineering Department (800-628-9037) for assistance.

Note: Sizes 60, C2060H, and smaller are supplied with spring clip connecting links; sizes 80, C2080H, and larger are supplied with cottered connecting links.

3. Put it all together in the order number.

Here's what a typical Attachment Chain order number looks like and what the numbers and letters mean.

SAMPLE ORDER NUMBER



Converting from Another Manufacturer's Chain

If you're using another manufacturer's chain, it's easy to change to U.S. Tsubaki Attachment Chain. Get quality, reliability, and long-lasting value.

Pitch	U.S. Tsubaki Name	Other Name	Description
Single and	A-1	B1 one hole	bent attachment, one side, one hole
Double Pitch	K-1	B2 one hole	bent attachment, both sides, one hole
	SA-1	S1 one hole, M35	straight attachment, one side, one hole
	SK-1	S2 one hole, M1	straight attachment, both sides, one hole
	D-1	E1	one extended pin
	D-3	E2	two extended pins
Double Pitch	A-2	B1 two holes	bent attachment, one side, two holes
	K-2	B2 two holes	bent attachment, both sides, two holes
	SA-2	S1 two holes, M35-2	straight attachment, one side, two holes
	SK-2	S2 two holes, M2	straight attachment, both sides, two holes
Single Pitch	WA-1	WCB1 one hole	wide contour, bent attachment, one side, one hole
Wide Contour	WA-2	WCB1 two holes	wide contour, bent attachment, one side, two holes
	WK-1	WCB2 one hole	wide contour, bent attachment, both sides, one hole
	WK-2	WCB2 two holes	wide contour, bent attachment, both sides, two holes
	WSA-1	WCS1 one hole, WM35	wide contour, straight attachment, one side, one hole
	WSA-2	WCS1 two holes, WM35-2	wide contour, straight attachment, one side, two holes
	WSK-1	WCS2 one hole, WM-1	wide contour, straight attachment, both sides, one hole
	WSK-2	WCS2 two holes, WM-2	wide contour, straight attachment, both sides, two holes

Get FAST Service from U.S. Tsubaki

We have thousands of chains and components in stock, and we can respond quickly to MTO requests. Our goal is to get you the right chain as quickly as possible.

Keep your operation running smoothly with high-quality attachment chain from U.S.Tsubaki.

3-5 Working Days

41, 40, 50, 60, 80	51 to 300 feet
C2040, C2050, C2060H, C2080H	51 to 300 feet
35 riveted	51 to 100 feet
100, 120, 140, 160	51 to 100 feet
C2100H, C2120H	51 to 100 feet

2-3 Working Days

41, 40, 50, 60, 80	Up to 50 feet
C2040, C2050, C2060H, C2080H	Up to 50 feet
35 riveted	Up to 50 feet
100, 120, 140, 160	Up to 50 feet
C2100H, C2120H	Up to 50 feet

5-7 Working Days

41, 40, 50, 60, 80	301 to 800 feet
C2040, C2050, C2060H, C2080H	301 to 800 feet
35 riveted	101 to 200 feet
100, 120, 140, 160	101 to 200 feet
C2100H, C2120H	101 to 200 feet










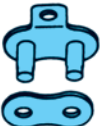








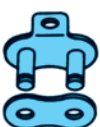




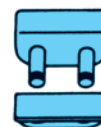

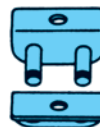

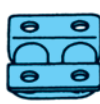








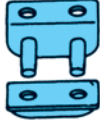




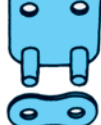
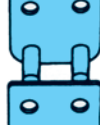


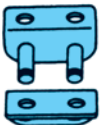

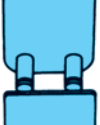
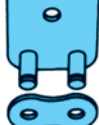
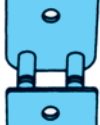
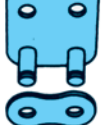
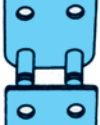
MTO in days, not weeks.

For additional lengths and types of chains, call U.S. Tsubaki for more information.

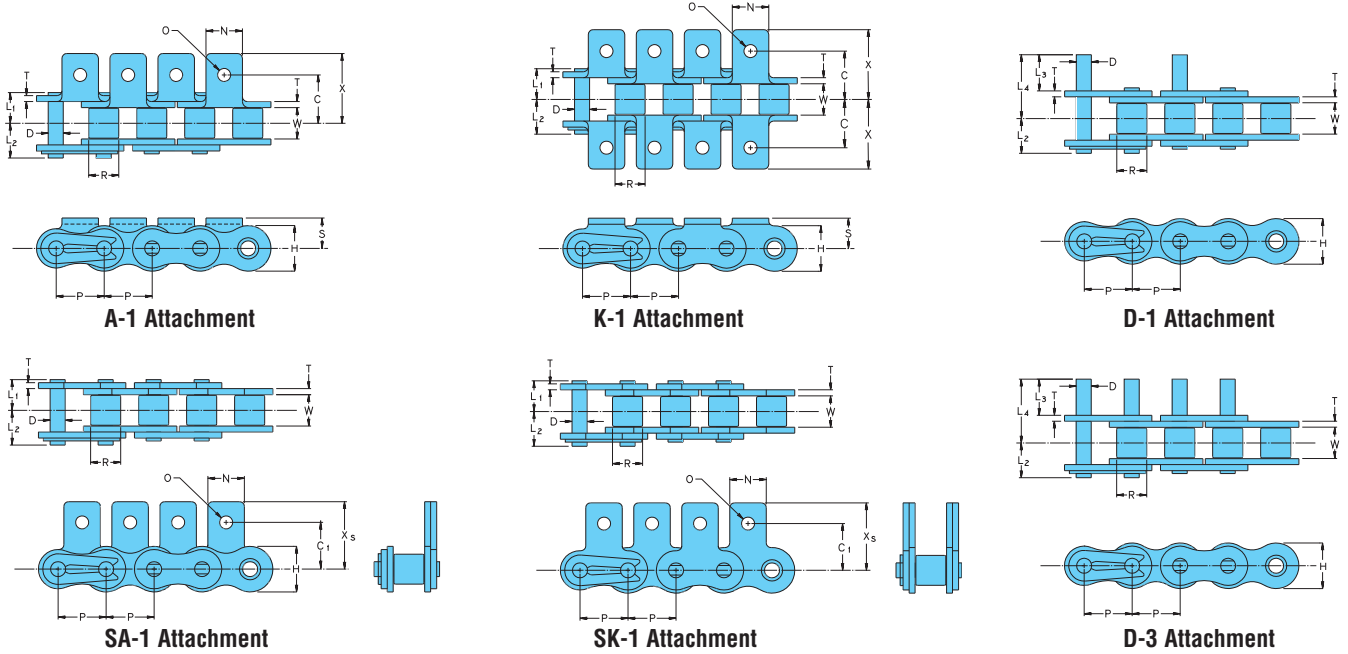


RS Attachment Chains

RS Attachment Chains are available in carbon steel, nickel-plated, NEPTUNE™, LAMBDA®, Plastic Roller, and stainless steel.

A-1 Roller Link	K-1 Roller Link	SA-1 Roller Link	SK-1 Roller Link	WA-0 Roller Link	WK-0 Roller Link	WA-1 Roller Link	WK-1 Roller Link	WA-2 Roller Link
								
A-1 Pin Link	K-1 Pin Link	SA-1 Pin Link	SK-1 Pin Link	WA-0 Pin Link	WK-0 Pin Link	WA-1 Pin Link	WK-1 Pin Link	WA-2 Pin Link
								
A-1 Spring Clip Connecting Link	K-1 Spring Clip Connecting Link	SA-1 Spring Clip Connecting Link	SK-1 Spring Clip Connecting Link	WA-0 Spring Clip Connecting Link	WK-0 Spring Clip Connecting Link	WA-1 Spring Clip Connecting Link	WK-1 Spring Clip Connecting Link	WA-2 Spring Clip Connecting Link
								
WK-2 Roller Link	WSA-0 Roller Link	WSK-0 Roller Link	WSA-1 Roller Link	WSK-1 Roller Link	WSA-2 Roller Link	WSK-2 Roller Link	D-1 Pin Link	D-3 Pin Link
								
WK-2 Pin Link	WSA-0 Pin Link	WSK-0 Pin Link	WSA-1 Pin Link	WSK-1 Pin Link	WSA-2 Pin Link	WSK-2 Pin Link	D-1 Spring Clip Connecting Link	D-3 Spring Clip Connecting Link
								
WK-2 Spring Clip Connecting Link	WSA-0 Spring Clip Connecting Link	WSK-0 Spring Clip Connecting Link	WSA-1 Spring Clip Connecting Link	WSK-1 Spring Clip Connecting Link	WSA-2 Spring Clip Connecting Link	WSK-2 Spring Clip Connecting Link		
								

Single Pitch



STANDARD SINGLE PITCH ATTACHMENT CHAIN DIMENSIONS										
Chain Number	Pitch P	Width Between Roller Link Plates W	Bushing Diameter R	Pin			Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
				D	L ₁	L ₂	H	T		
RS25	.250	.125	.130	.090	.150	.189	.230	.030	143	0.09
RS35	.375	.188	.200	.141	.230	.270	.354	.050	342	0.22

STANDARD SINGLE PITCH ATTACHMENT CHAIN .250" PITCH RS25 DIMENSIONS

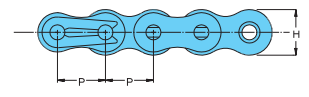
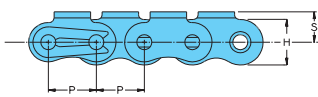
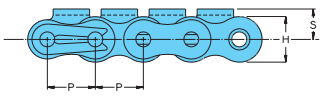
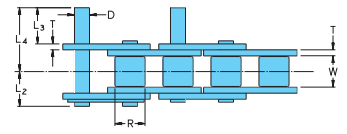
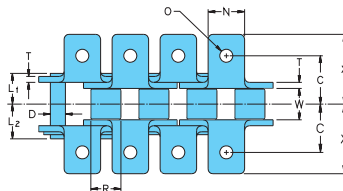
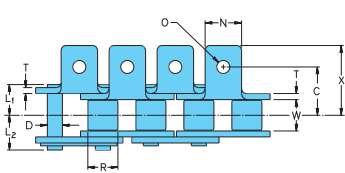
	C	C ₁	N	O	S	X	X _S	L ₃	L ₄	Additional Weight Per Attachment (lbs.)
A-1	.281	-	.220	.134	.187	.421	-	-	-	.001
K-1	.281	-	.220	.134	.187	.421	-	-	-	.002
SA-1	-	.313	.220	.134	-	-	.459	-	-	.001
SK-1	-	.313	.220	.134	-	-	.459	-	-	.002

STANDARD SINGLE PITCH ATTACHMENT CHAIN .375" PITCH RS35 DIMENSIONS

	C	C ₁	N	O	S	X	X _S	L ₃	L ₄	Additional Weight Per Attachment (lbs.)
A-1	.375	-	.311	.102	.250	.563	-	-	-	.002
K-1	.375	-	.311	.102	.250	.563	-	-	-	.004
SA-1	-	.375	.311	.102	-	-	.573	-	-	.002
SK-1	-	.375	.311	.102	-	-	.573	-	-	.004
D-1	-	-	-	-	-	-	-	.375	.575	.002
D-3	-	-	-	-	-	-	-	.375	.575	.004

All dimensions are in inches unless otherwise indicated.

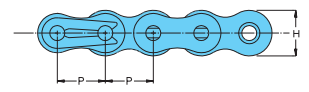
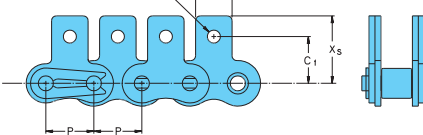
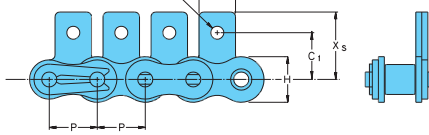
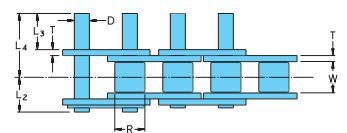
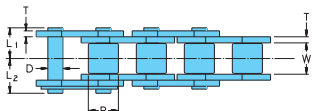
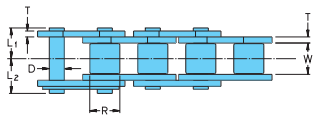
Single Pitch



A-1 Attachment

K-1 Attachment

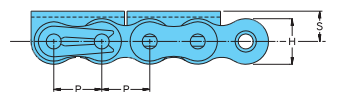
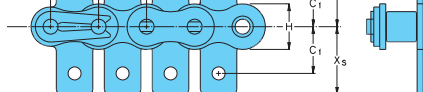
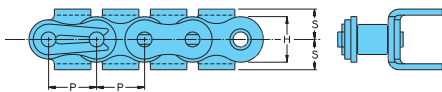
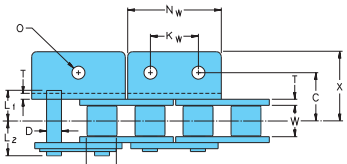
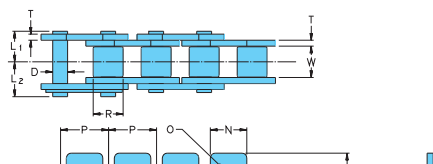
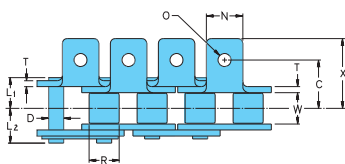
D-1 Attachment



SA-1 Attachment

SK-1 Attachment

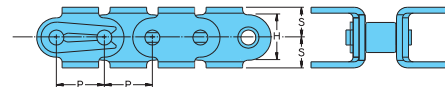
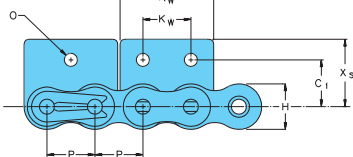
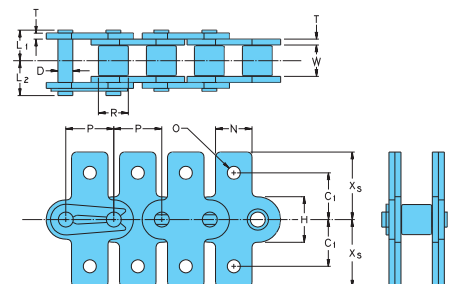
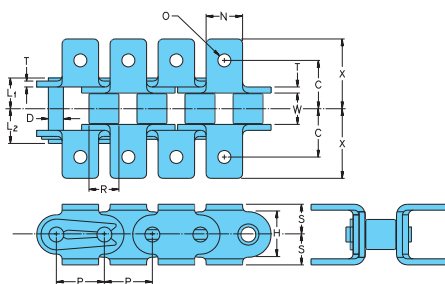
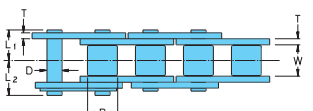
D-3 Attachment



AA-1 Attachment

SAA-1 Attachment

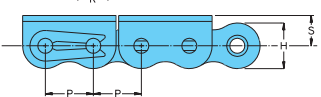
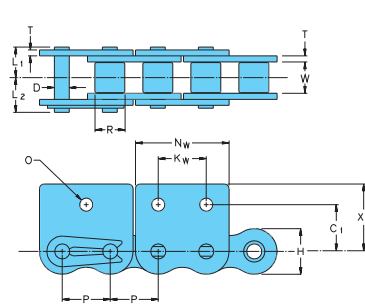
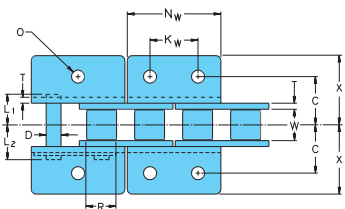
WA-1, WA-2 Attachment



WSA-1, WSA-2 Attachment

KK-1 Attachment

SKK-1 Attachment



WK-1, WK-2 Attachment

WSK-1, WSK-2 Attachment

STANDARD SINGLE PITCH ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between Roller Link Plates W	Roller Diameter R	Pin			Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
				D	L ₁	L ₂	H	T		
RS41	.500	.250	.306	.141	.266	.313	.386	.050	353	0.27
RS40	.500	.312	.312	.156	.325	.392	.472	.060	595	0.43

STANDARD SINGLE PITCH ATTACHMENT CHAIN

.500" PITCH RS41
DIMENSIONS

	C	C ₁	N	O	S	X	X _S	L ₃	L ₄	Additional Weight Per Attachment (lbs.)
A-1	.469	-	.375	.141	.281	.646	-	-	-	.004
K-1	.469	-	.375	.141	.281	.646	-	-	-	.007
SA-1	-	.500	.375	.141	-	-	.656	-	-	.004
SK-1	-	.500	.375	.141	-	-	.656	-	-	.007
D-1	-	-	-	-	-	-	-	.375	.608	.002
D-3	-	-	-	-	-	-	-	.375	.608	.004

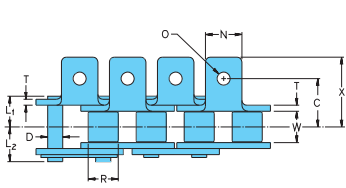
STANDARD SINGLE PITCH ATTACHMENT CHAIN

.500" PITCH RS40
DIMENSIONS

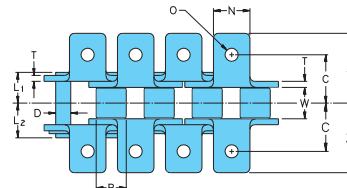
	C	C ₁	N	O	S	X	X _S	L ₃	L ₄	N _W	K _W	Additional Weight Per Attachment (lbs.)
A-1	.500	-	.375	.141	.315	.701	-	-	-	-	-	.004
K-1	.500	-	.375	.141	.315	.701	-	-	-	-	-	.009
SA-1	-	.500	.375	.141	-	-	.685	-	-	-	-	.004
SK-1	-	.500	.375	.141	-	-	.685	-	-	-	-	.009
D-1	-	-	-	-	-	-	-	.375	.661	-	-	.002
D-3	-	-	-	-	-	-	-	.375	.661	-	-	.004
AA-1	.500	-	.375	.141	.315	.701	-	-	-	-	-	.007
SAA-1	-	.500	.375	.141	-	-	.685	-	-	-	-	.007
WA-1	.500	-	-	.141	.315	.701	-	-	-	0.970	-	.007
WA-2	.500	-	-	.141	.315	.701	-	-	-	0.970	.500	.007
WSA-1	-	.500	-	.141	-	-	.685	-	-	0.970	-	.007
WSA-2	-	.500	-	.141	-	-	.685	-	-	0.970	.500	.007
KK-1	.500	-	.375	.141	.315	.701	-	-	-	-	-	.014
SKK-1	-	.500	.375	.141	-	-	.685	-	-	-	-	.014
WK-1	.500	-	-	.141	.315	.701	-	-	-	0.970	-	.014
WK-2	.500	-	-	.141	.315	.701	-	-	-	0.970	.500	.014
WSK-1	-	.500	-	.141	-	-	.685	-	-	0.970	-	.014
WSK-2	-	.500	-	.141	-	-	.685	-	-	0.970	.500	.014

All dimensions are in inches unless otherwise indicated.

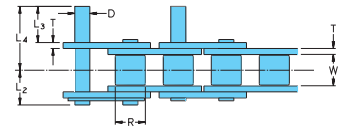
LAMBDA® Maintenance Free Attachment Chains



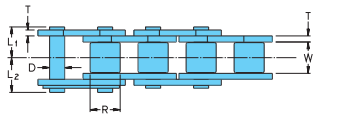
A-1 Attachment



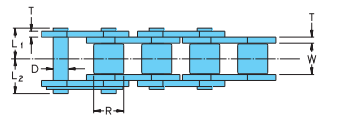
K-1 Attachment



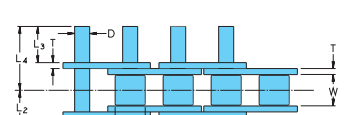
D-1 Attachment



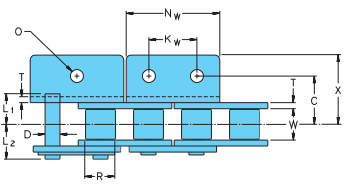
SA-1 Attachment



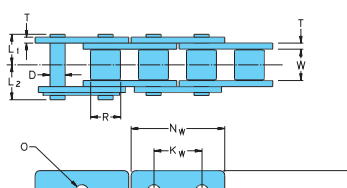
SK-1 Attachment



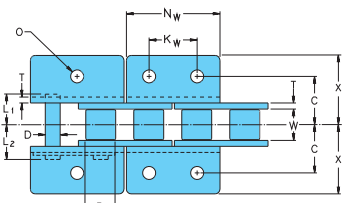
D-3 Attachment



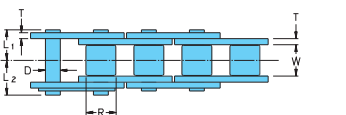
WA-1, WA-2 Attachment



WSA-1, WSA-2 Attachment



WK-1, WK-2 Attachment



WSK-1, WSK-2 Attachment

RS CONVEYOR LAMBDA® ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between Roller Link Plates		Roller Diameter R	Pin		Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
		W	D		L ₁	L ₂	H	T		
RSC40-LAMBDA	.500	.312	.312	.156	.325	.392	.472	.060	595	0.43

RS CONVEYOR LAMBDA ATTACHMENT CHAIN

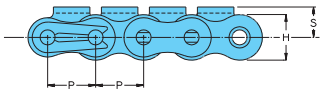
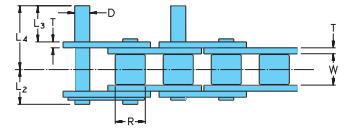
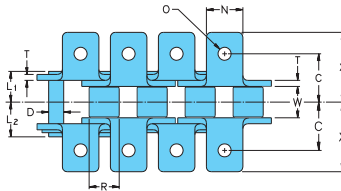
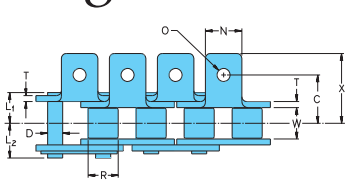
.500" PITCH RSC40-LAMBDA® DIMENSIONS

	C	C ₁	N	O	S	X	X _s	L ₃	L ₄	N _w	K _w	Additional Weight Per Attachment (lbs.)
A-1	.500	-	.375	.141	.315	.701	-	-	-	-	-	.004
K-1	.500	-	.375	.141	.315	.701	-	-	-	-	-	.009
SA-1	-	.500	.375	.141	-	-	.685	-	-	-	-	.004
SK-1	-	.500	.375	.141	-	-	.685	-	-	-	-	.009
D-1	-	-	-	-	-	-	-	.375	.661	-	-	.002
D-3	-	-	-	-	-	-	-	.375	.661	-	-	.004
WA-1	.500	-	-	.141	.315	.701	-	-	-	.906	-	.007
WA-2	.500	-	-	.141	.315	.701	-	-	-	.906	.500	.007
WSA-1	-	.500	-	.141	-	-	.685	-	-	.906	-	.007
WSA-2	-	.500	-	.141	-	-	.685	-	-	.906	.500	.007
WK-1	.500	-	-	.141	.315	.701	-	-	-	.906	-	.014
WK-2	.500	-	-	.141	.315	.701	-	-	-	.906	.500	.014
WSK-1	-	.500	-	.141	-	-	.685	-	-	.906	-	.014
WSK-2	-	.500	-	.141	-	-	.685	-	-	.906	.500	.014

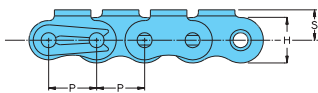
NOTE: The "N_w" dimension for LAMBDA is not the same as it is for standard chain.

All dimensions are in inches unless otherwise indicated.

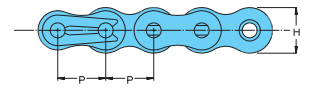
Single Pitch



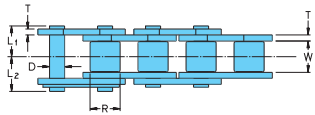
A-1 Attachment



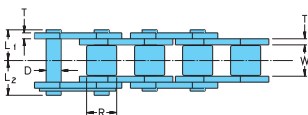
K-1 Attachment



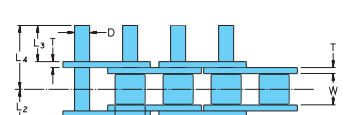
D-1 Attachment



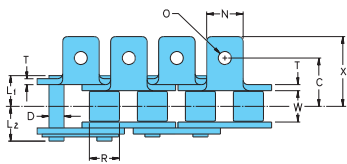
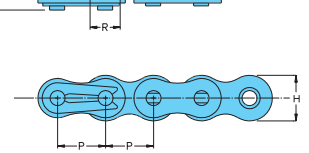
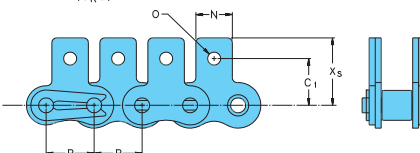
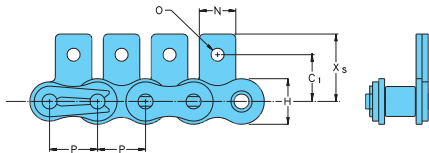
SA-1 Attachment



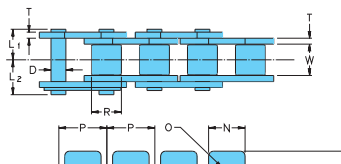
SK-1 Attachment



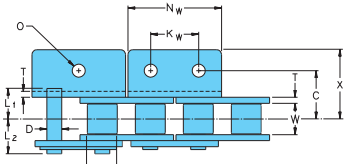
D-3 Attachment



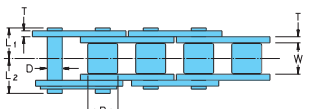
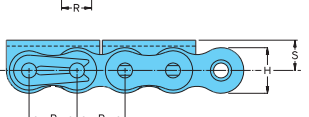
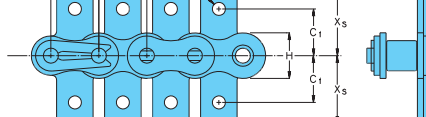
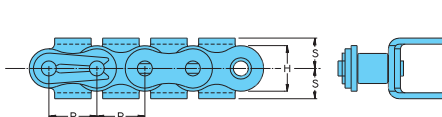
AA-1 Attachment



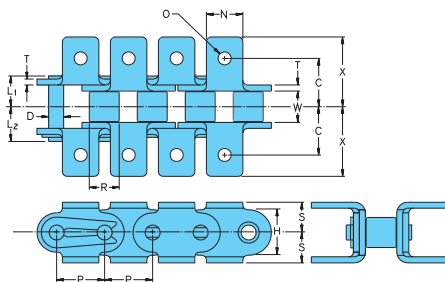
SAA-1 Attachment



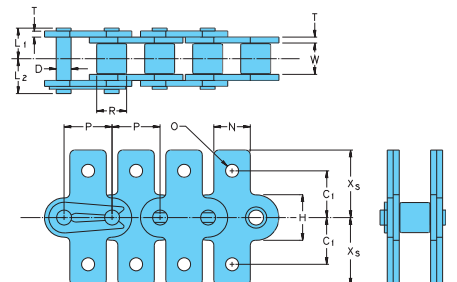
WA-1, WA-2 Attachment



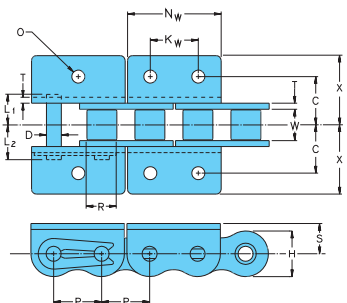
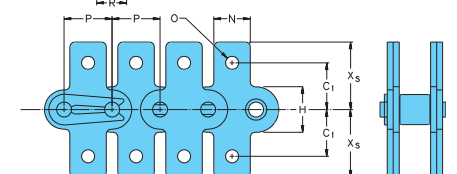
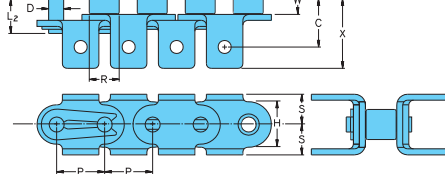
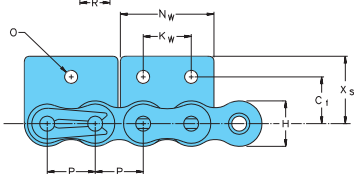
WSA-1, WSA-2 Attachment



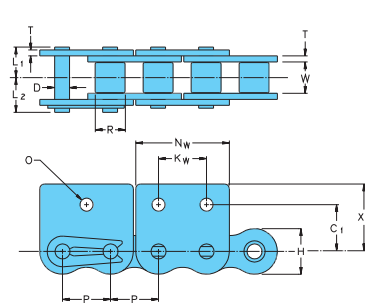
KK-1 Attachment



SKK-1 Attachment



WK-1, WK-2 Attachment



WSK-1, WSK-2 Attachment

STANDARD SINGLE PITCH ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between Roller Link Plates W	Roller Diameter R	Pin			Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
				D	L ₁	L ₂	H	T		
RS50	.625	.375	.400	.200	.406	.472	.591	.080	970	0.70

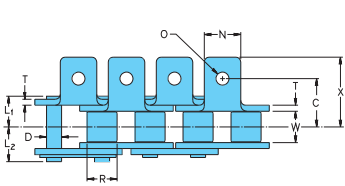
STANDARD SINGLE PITCH ATTACHMENT CHAIN

.625" PITCH RS50 DIMENSIONS

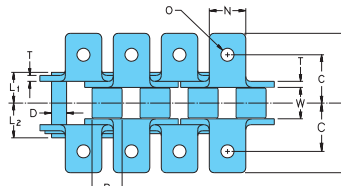
	C	C ₁	N	O	S	X	X _S	L ₃	L ₄	N _W	K _W	Additional Weight Per Attachment (lbs.)
A-1	.625	-	.500	.205	.406	.921	-	-	-	-	-	.007
K-1	.625	-	.500	.205	.406	.921	-	-	-	-	-	.013
SA-1	-	.625	.500	.205	-	-	.907	-	-	-	-	.007
SK-1	-	.625	.500	.205	-	-	.907	-	-	-	-	.013
D-1	-	-	-	-	-	-	-	.469	.827	-	-	.004
D-3	-	-	-	-	-	-	-	.469	.827	-	-	.008
AA-1	.625	-	.500	.205	.406	.921	-	-	-	-	-	.013
SAA-1	-	.625	.500	.205	-	-	.907	-	-	-	-	.013
WA-1	.625	-	-	.205	.406	.921	-	-	-	1.210	-	.015
WA-2	.625	-	-	.205	.406	.921	-	-	-	1.210	.625	.015
WSA-1	-	.625	-	.205	-	-	.907	-	-	1.210	-	.015
WSA-2	-	.625	-	.205	-	-	.907	-	-	1.210	.625	.015
KK-1	.625	-	.500	.205	.406	.921	-	-	-	-	-	.026
SKK-1	-	.625	.500	.205	-	-	.907	-	-	-	-	.026
WK-1	.625	-	-	.205	.406	.921	-	-	-	1.210	-	.030
WK-2	.625	-	-	.205	.406	.921	-	-	-	1.210	.625	.030
WSK-1	-	.625	-	.205	-	-	.907	-	-	1.210	-	.030
WSK-2	-	.625	-	.205	-	-	.907	-	-	1.210	.625	.030

All dimensions are in inches unless otherwise indicated.

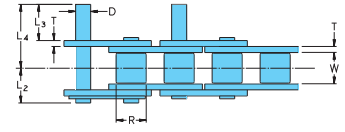
LAMBDA® Maintenance Free Attachment Chains



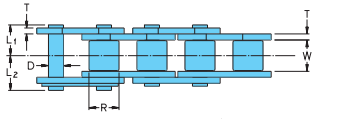
A-1 Attachment



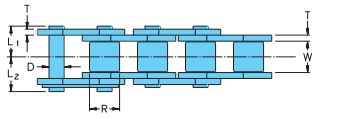
K-1 Attachment



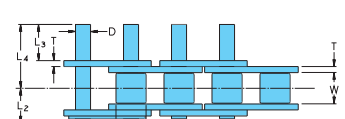
D-1 Attachment



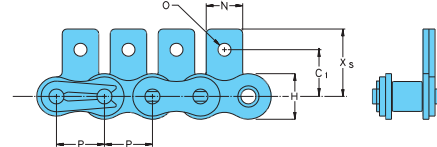
SA-1 Attachment



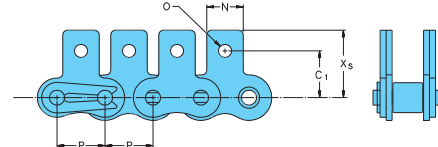
SK-1 Attachment



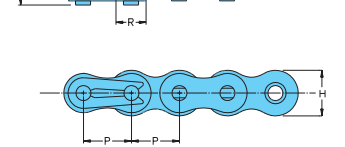
D-3 Attachment



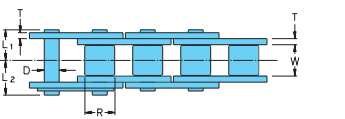
WA-1, WA-2 Attachment



WSA-1, WSA-2 Attachment



WK-1, WK-2 Attachment



WSK-1, WSK-2 Attachment

RS CONVEYOR LAMBDA® ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between		Roller Diameter R	Pin		Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)	
		Roller Link Plates W			D	L ₁	L ₂	H			T
RSC50-LAMBDA	.625	.375		.400	.200	.406	.472	.591	.080	970	0.70

RS CONVEYOR LAMBDA ATTACHMENT CHAIN

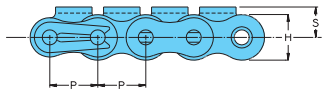
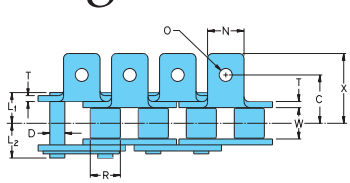
.625" PITCH RSC50-LAMBDA® DIMENSIONS

	C	C ₁	N	O	S	X	X _s	L ₃	L ₄	N _w	K _w	Additional Weight Per Attachment (lbs.)
A-1	.625	-	.500	.205	.406	.921	-	-	-	-	-	.007
K-1	.625	-	.500	.205	.406	.921	-	-	-	-	-	.013
SA-1	-	.625	.500	.205	-	-	.907	-	-	-	-	.007
SK-1	-	.625	.500	.205	-	-	.907	-	-	-	-	.013
D-1	-	-	-	-	-	-	-	.469	.827	-	-	.004
D-3	-	-	-	-	-	-	-	.469	.827	-	-	.008
WA-1	.625	-	-	.205	.406	.921	-	-	-	1.134	-	.015
WA-2	.625	-	-	.205	.406	.921	-	-	-	1.134	.625	.015
WSA-1	-	.625	-	.205	-	-	.907	-	-	1.134	-	.015
WSA-2	-	.625	-	.205	-	-	.907	-	-	1.134	.625	.015
WK-1	.625	-	-	.205	.406	.921	-	-	-	1.134	-	.030
WK-2	.625	-	-	.205	.406	.921	-	-	-	1.134	.625	.030
WSK-1	-	.625	-	.205	-	-	.907	-	-	1.134	-	.030
WSK-2	-	.625	-	.205	-	-	.907	-	-	1.134	.625	.030

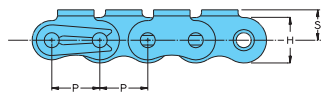
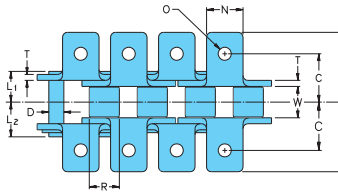
NOTE: The "N_w" dimension for LAMBDA is not the same as it is for standard chain.

All dimensions are in inches unless otherwise indicated.

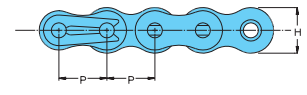
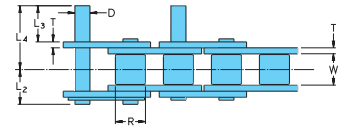
Single Pitch



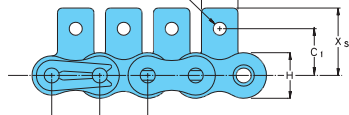
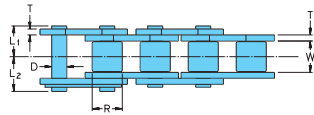
A-1 Attachment



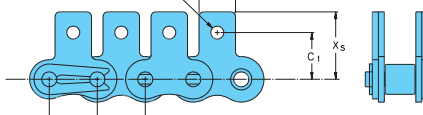
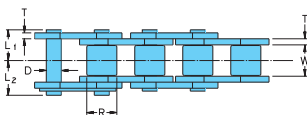
K-1 Attachment



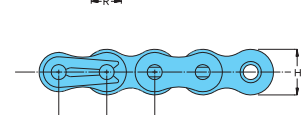
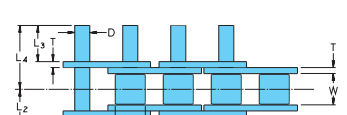
D-1 Attachment



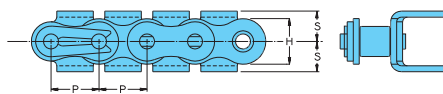
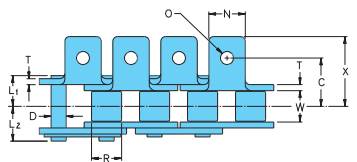
SA-1 Attachment



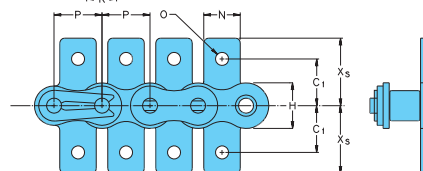
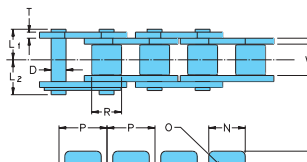
SK-1 Attachment



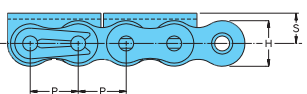
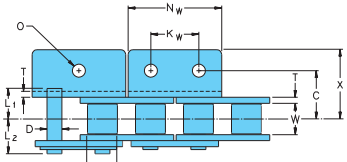
D-3 Attachment



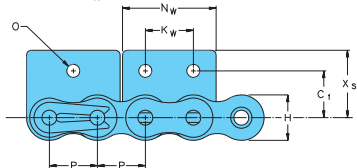
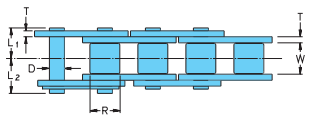
AA-1 Attachment



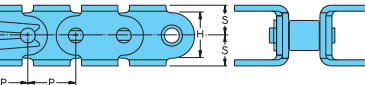
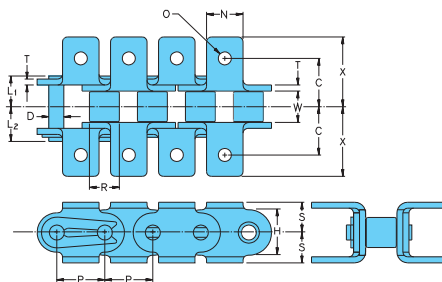
SAA-1 Attachment



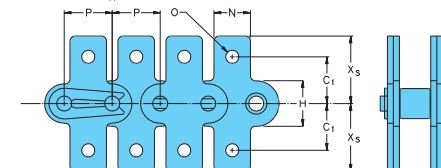
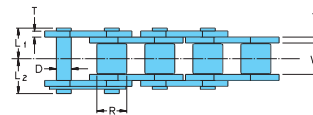
WA-1, WA-2 Attachment



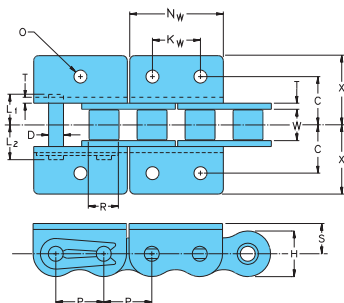
WSA-1, WSA-2 Attachment



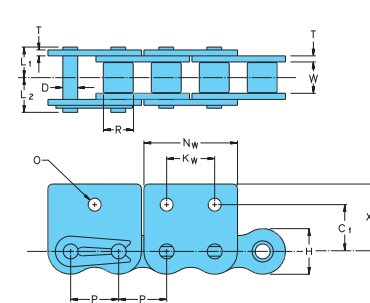
KK-1 Attachment



SKK-1 Attachment



WK-1, WK-2 Attachment



WSK-1, WSK-2 Attachment

STANDARD SINGLE PITCH ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between Roller Link Plates W	Roller Diameter R	Pin			Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
				D	L ₁	L ₂	H	T		
RS60	.750	.500	.469	.234	.506	.581	.713	.094	1,410	1.03

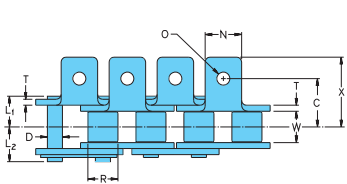
STANDARD SINGLE PITCH ATTACHMENT CHAIN

.750" PITCH RS60 DIMENSIONS

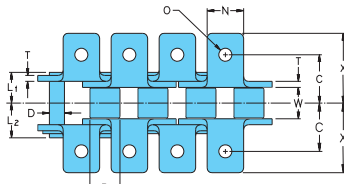
	C	C ₁	N	O	S	X	X _s	L ₃	L ₄	N _w	K _w	Additional Weight Per Attachment (lbs.)
A-1	.750	-	.626	.205	.469	1.110	-	-	-	-	-	.015
K-1	.750	-	.626	.205	.469	1.110	-	-	-	-	-	.031
SA-1	-	.720	.626	.205	-	-	1.057	-	-	-	-	.015
SK-1	-	.720	.626	.205	-	-	1.057	-	-	-	-	.031
D-1	-	-	-	-	-	-	-	.563	1.018	-	-	.007
D-3	-	-	-	-	-	-	-	.563	1.018	-	-	.014
AA-1	.750	-	.626	.205	.469	1.110	-	-	-	-	-	.031
SAA-1	-	.720	.626	.205	-	-	1.057	-	-	-	-	.031
WA-1	.750	-	-	.205	.469	1.110	-	-	-	1.46	-	.026
WA-2	.750	-	-	.205	.469	1.110	-	-	-	1.46	.750	.026
WSA-1	-	.720	-	.205	-	-	1.057	-	-	1.46	-	.026
WSA-2	-	.720	-	.205	-	-	1.057	-	-	1.46	.750	.026
KK-1	.750	-	.626	.205	.469	1.110	-	-	-	-	-	.062
SKK-1	-	.720	.626	.205	-	-	1.057	-	-	-	-	.062
WK-1	.750	-	-	.205	.469	1.110	-	-	-	1.46	-	.052
WK-2	.750	-	-	.205	.469	1.110	-	-	-	1.46	.750	.052
WSK-1	-	.720	-	.205	-	-	1.057	-	-	1.46	-	.052
WSK-2	-	.720	-	.205	-	-	1.057	-	-	1.46	.750	.052

All dimensions are in inches unless otherwise indicated.

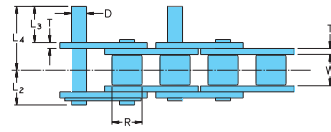
LAMBDA® Maintenance Free Attachment Chains



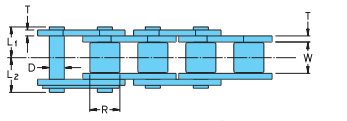
A-1 Attachment



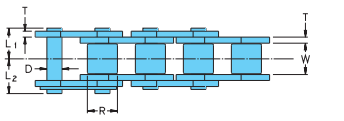
K-1 Attachment



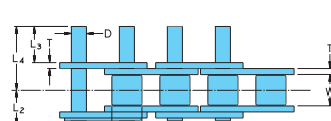
D-1 Attachment



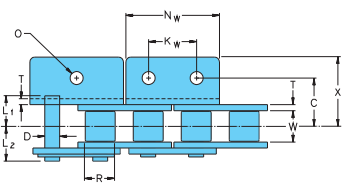
SA-1 Attachment



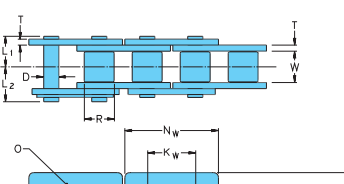
SK-1 Attachment



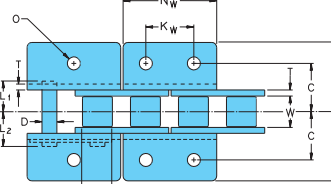
D-3 Attachment



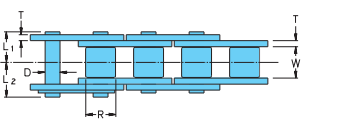
WA-1, WA-2 Attachment



WSA-1, WSA-2 Attachment



WK-1, WK-2 Attachment



WSK-1, WSK-2 Attachment

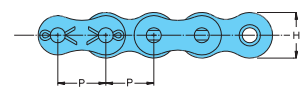
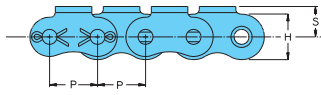
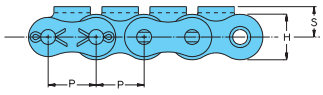
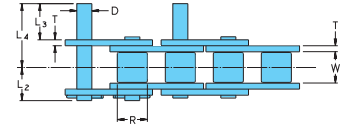
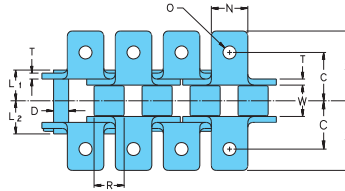
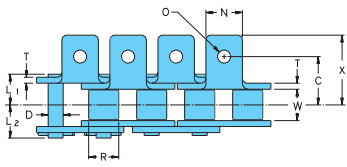
RS CONVEYOR LAMBDA® ATTACHMENT CHAIN DIMENSIONS											
Chain Number	Pitch P	Width Between		Roller Diameter R	Pin		Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)	
		Roller W	Link Plates W		D	L ₁	L ₂	H			T
RSC60-LAMBDA	.750	.500		.469	.234	.506	.581	.731	.094	1,410	1.03

RS CONVEYOR LAMBDA ATTACHMENT CHAIN .750" PITCH RSC60-LAMBDA® DIMENSIONS												
	C	C ₁	N	O	S	X	X _S	L ₃	L ₄	N _W	K _W	Additional Weight Per Attachment (lbs.)
A-1	.750	-	.626	.205	.469	1.110	-	-	-	-	-	.015
K-1	.750	-	.626	.205	.469	1.110	-	-	-	-	-	.031
SA-1	-	.720	.626	.205	-	-	1.057	-	-	-	-	.015
SK-1	-	.720	.626	.205	-	-	1.057	-	-	-	-	.031
D-1	-	-	-	-	-	-	-	.563	1.018	-	-	.007
D-3	-	-	-	-	-	-	-	.563	1.018	-	-	.014
WA-1	.750	-	-	.205	.469	1.110	-	-	-	1.362	-	.026
WA-2	.750	-	-	.205	.469	1.110	-	-	-	1.362	.750	.026
WSA-1	-	.720	-	.205	-	-	1.057	-	-	1.362	-	.026
WSA-2	-	.720	-	.205	-	-	1.057	-	-	1.362	.750	.026
WK-1	.750	-	-	.205	.469	1.110	-	-	-	1.362	-	.052
WK-2	.750	-	-	.205	.469	1.110	-	-	-	1.362	.750	.052
WSK-1	-	.720	-	.205	-	-	1.057	-	-	1.362	-	.052
WSK-2	-	.720	-	.205	-	-	1.057	-	-	1.362	.750	.052

NOTE: The "N_W" dimension for LAMBDA is not the same as it is for standard chain.

All dimensions are in inches unless otherwise indicated.

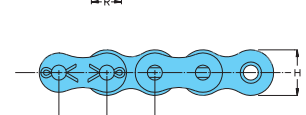
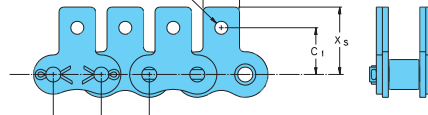
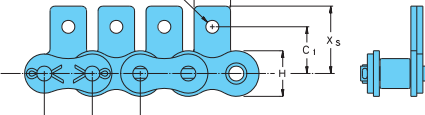
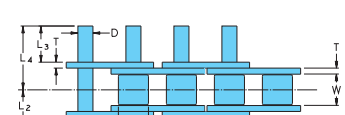
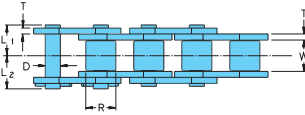
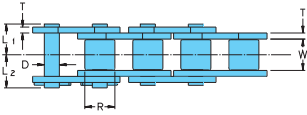
Single Pitch



A-1 Attachment

K-1 Attachment

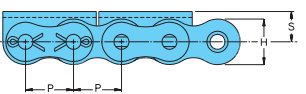
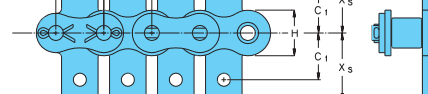
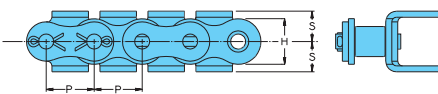
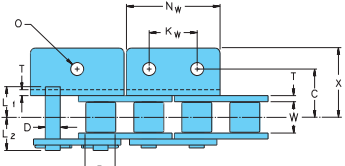
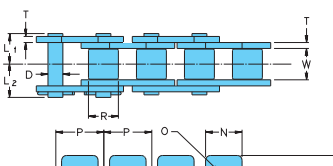
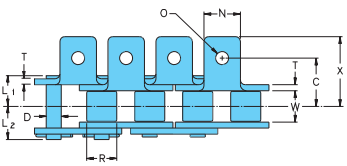
D-1 Attachment



SA-1 Attachment

SK-1 Attachment

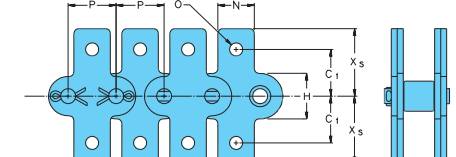
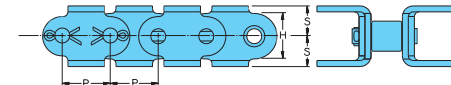
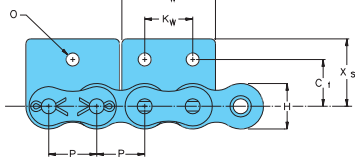
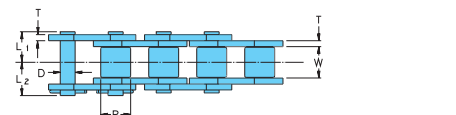
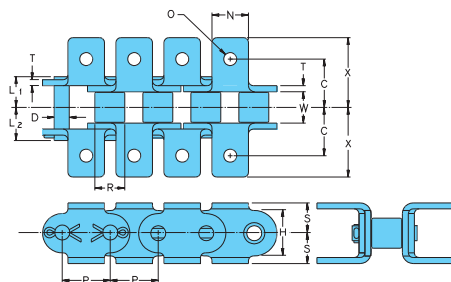
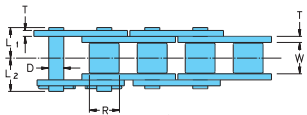
D-3 Attachment



AA-1 Attachment

SAA-1 Attachment

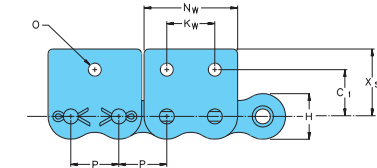
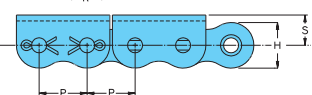
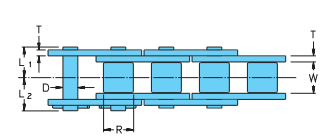
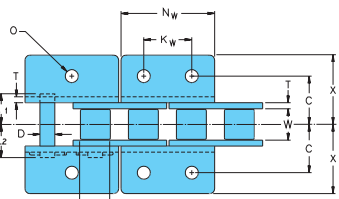
WA-1, WA-2 Attachment



WSA-1, WSA-2 Attachment

KK-1 Attachment

SKK-1 Attachment



WK-1, WK-2 Attachment

WSK-1, WSK-2 Attachment

STANDARD SINGLE PITCH ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between Roller Link Plates W	Roller Diameter R	Pin			Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
				D	L ₁	L ₂	H	T		
RS80	1.000	.625	.625	.312	.640	.758	.949	.125	2,400	1.79

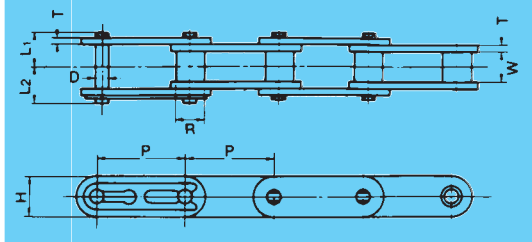
STANDARD SINGLE PITCH ATTACHMENT CHAIN

1.000" PITCH RS80 DIMENSIONS

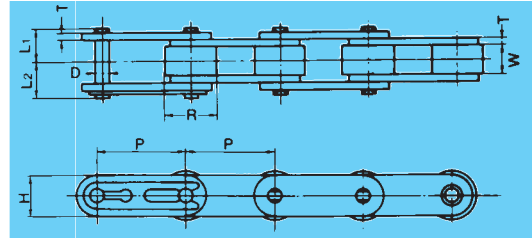
	C	C ₁	N	O	S	X	X _S	L ₃	L ₄	N _W	K _W	Additional Weight Per Attachment (lbs.)
A-1	1.000	-	.752	.268	.625	1.441	-	-	-	-	-	.029
K-1	1.000	-	.752	.268	.625	1.441	-	-	-	-	-	.057
SA-1	-	.969	.752	.268	-	-	1.396	-	-	-	-	.029
SK-1	-	.969	.752	.268	-	-	1.396	-	-	-	-	.057
D-1	-	-	-	-	-	-	-	.752	1.335	-	-	.015
D-3	-	-	-	-	-	-	-	.752	1.335	-	-	.030
AA-1	1.000	-	.752	.268	.625	1.441	-	-	-	-	-	.057
SAA-1	-	.969	.752	.268	-	-	1.396	-	-	-	-	.057
WA-1	1.000	-	-	.268	.625	1.441	-	-	-	1.94	-	.062
WA-2	1.000	-	-	.268	.625	1.441	-	-	-	1.94	1.000	.062
WSA-1	-	.969	-	.268	-	-	1.396	-	-	1.94	-	.062
WSA-2	-	.969	-	.268	-	-	1.396	-	-	1.94	1.000	.062
KK-1	1.000	-	.752	.268	.625	1.441	-	-	-	-	-	.114
SKK-1	-	.969	.752	.268	-	-	1.396	-	-	-	-	.114
WK-1	1.000	-	-	.268	.625	1.441	-	-	-	1.94	-	.124
WK-2	1.000	-	-	.268	.625	1.441	-	-	-	1.94	1.000	.124
WSK-1	-	.969	-	.268	-	-	1.396	-	-	1.94	-	.124
WSK-2	-	.969	-	.268	-	-	1.396	-	-	1.94	1.000	.124

All dimensions are in inches unless otherwise indicated.

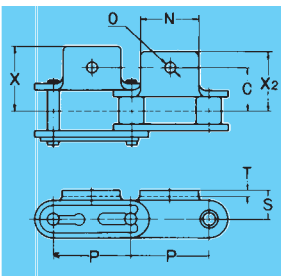
Double Pitch and Plastic Roller Attachment Chains



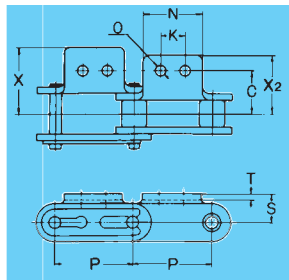
Standard Roller Type



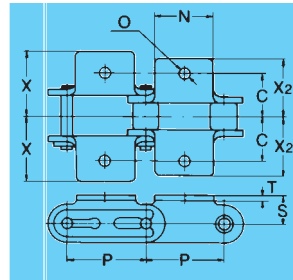
Oversize Roller Type



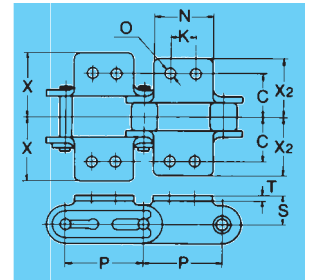
A-1 Attachment



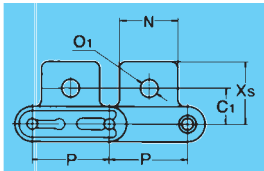
A-2 Attachment



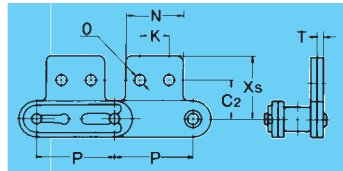
K-1 Attachment



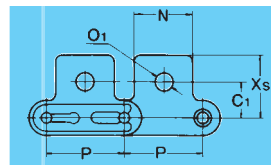
K-2 Attachment



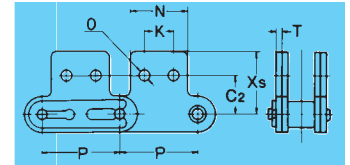
SA-1 Attachment



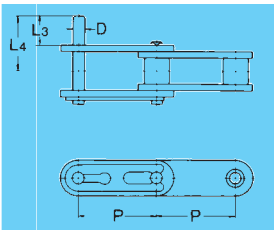
SA-2 Attachment



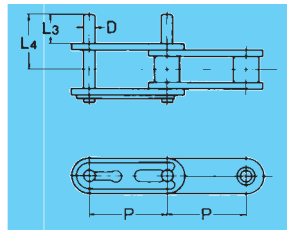
SK-1 Attachment



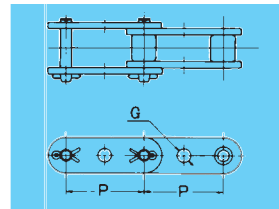
SK-2 Attachment



D-1 Attachment



D-3 Attachment



**GK-1 Attachment
(except large roller type)**

STANDARD DOUBLE PITCH ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between Roller Link Plates W	Roller Diameter R	Pin			Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
				D	L ₁	L ₂	H	T		
C2040	1.000	.312	.312	.156	.325	.392	.472	.060	595	0.34
C2042	1.000	.312	.625	.156	.325	.392	.472	.060	595	0.58
C2042D	1.000	.312	.625	.156	.325	.392	.472	.060	100	0.35

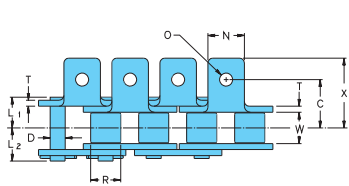
DOUBLE PITCH ATTACHMENT CHAIN

1.000" PITCH C2040, C2042, AND C2042D DIMENSIONS

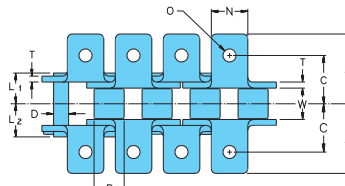
	C	C ₁	C ₂	K	N	O	O ₁	S	X	X ₂	X _S	L ₃	L ₄	G	Additional Weight Per Attachment (lbs.)
A-1	.500	-	-	-	.752	.142	-	.358	.760	.693	-	-	-	-	.007
A-2	.500	-	-	.374	.752	.142	-	.358	.760	.693	-	-	-	-	.007
K-1	.500	-	-	-	.752	.142	-	.358	.760	.693	-	-	-	-	.013
K-2	.500	-	-	.374	.752	.142	-	.358	.760	.693	-	-	-	-	.013
SA-1	-	.437	-	-	.752	-	.205	-	-	-	.780	-	-	-	.007
SA-2	-	-	.535	.374	.752	.142	-	-	-	-	.780	-	-	-	.007
SK-1	-	.437	-	-	.752	-	.205	-	-	-	.780	-	-	-	.013
SK-2	-	-	.535	.374	.752	.142	-	-	-	-	.780	-	-	-	.013
GK-1	-	-	-	-	-	-	-	-	-	-	-	-	-	.161	-
D-1	-	-	-	-	-	-	-	-	-	-	-	.374	.663	-	.002
D-3	-	-	-	-	-	-	-	-	-	-	-	.374	.663	-	.004

All dimensions are in inches unless otherwise indicated.

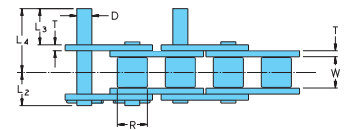
LAMBDA® Maintenance Free Attachment Chains



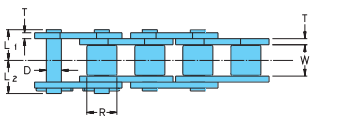
A-1 Attachment



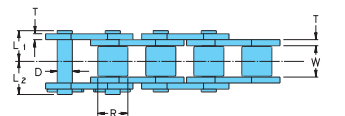
K-1 Attachment



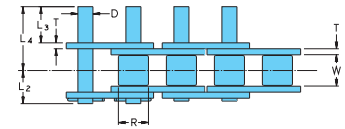
D-1 Attachment



SA-1 Attachment



SK-1 Attachment



D-3 Attachment

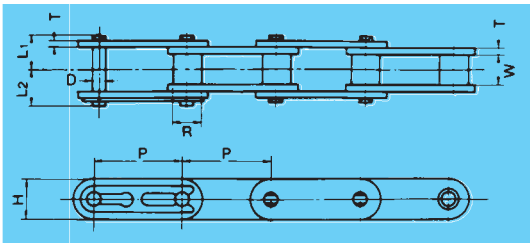
RS CONVEYOR LAMBDA ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between Roller Link Plates W	Roller Diameter R	Pin			Link Plate H	Link Plate T	Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
				D	L ₁	L ₂				
RSC80-LAMBDA	1.000	.625	.625	.312	.640	.758	.949	.125	2,400	1.79

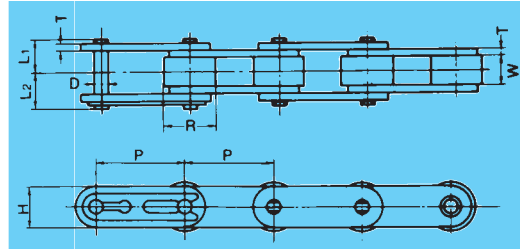
RS CONVEYOR LAMBDA ATTACHMENT CHAIN 1.000" PITCH RSC80-LAMBDA® DIMENSIONS

	C	C ₁	N	O	S	X	X _S	L ₃	L ₄	N _W	K _W	Additional Weight Per Attachment (lbs.)
A-1	1.000	-	.752	.268	.625	1.441	-	-	-	-	-	.029
K-1	1.000	-	.752	.268	.625	1.441	-	-	-	-	-	.057
SA-1	-	.969	.752	.268	-	-	1.396	-	-	-	-	.029
SK-1	-	.969	.752	.268	-	-	1.396	-	-	-	-	.057
D-1	-	-	-	-	-	-	-	.752	1.335	-	-	.015
D-3	-	-	-	-	-	-	-	.752	1.335	-	-	.030
WA-1	1.000	-	-	.268	.625	1.441	-	-	-	1.815	-	.062
WA-2	1.000	-	-	.268	.625	1.441	-	-	-	1.815	1.000	.062
WSA-1	-	.969	-	.268	-	-	1.396	-	-	1.815	-	.062
WSA-2	-	.969	-	.268	-	-	1.396	-	-	1.815	1.000	.062
WK-1	1.000	-	-	.268	.625	1.441	-	-	-	1.815	-	.124
WK-2	1.000	-	-	.268	.625	1.441	-	-	-	1.815	1.000	.124
WSK-1	-	.969	-	.268	-	-	1.396	-	-	1.815	-	.124
WSK-2	-	.969	-	.268	-	-	1.396	-	-	1.815	1.000	.124

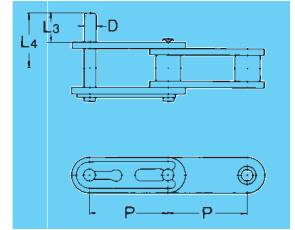
NOTE: The "N_W" dimension for LAMBDA is not the same as it is for standard chain.
 All dimensions are in inches unless otherwise indicated.
 For WA-1, WA-2, WSA-1, WSA-2, WK-1, WK-2, WSK-1, WSK-2 drawings, see page 18.



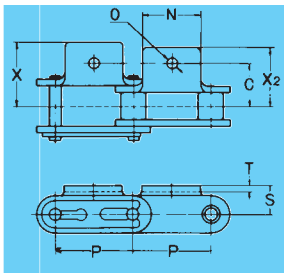
Standard Roller Type



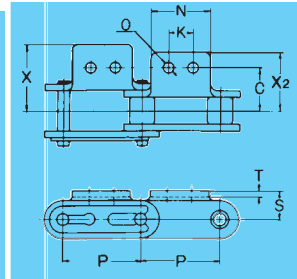
Oversize Roller Type



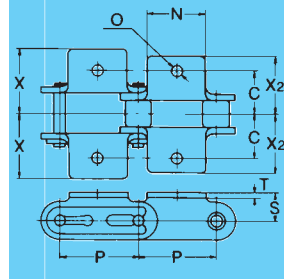
D-1 Attachment



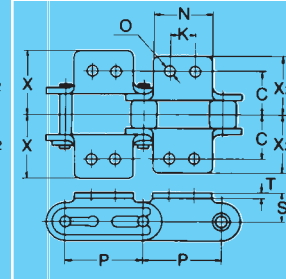
A-1 Attachment



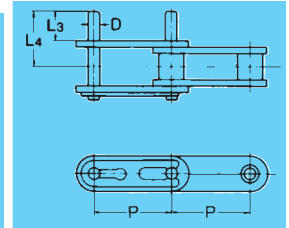
A-2 Attachment



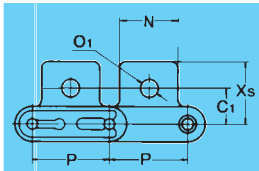
K-1 Attachment



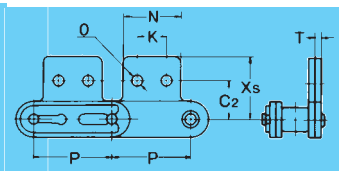
K-2 Attachment



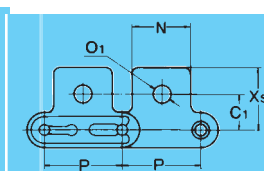
D-3 Attachment



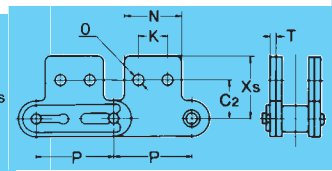
SA-1 Attachment



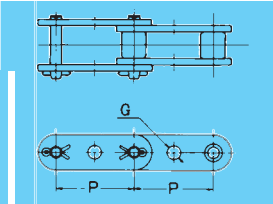
SA-2 Attachment



SK-1 Attachment



SK-2 Attachment



**GK-1 Attachment
(except large roller type)**

DOUBLE PITCH CONVEYOR LAMBDA ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between Roller Link Plates W	Roller Diameter R	Pin			Link Plate H	Link Plate T	Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
				D	L ₁	L ₂				
C2040-LAMBDA	1.000	.312	.312	.156	.325	.392	.472	.060	595	0.34
C2042-LAMBDA	1.000	.312	.625	.156	.325	.392	.472	.060	595	0.58

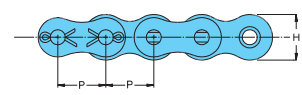
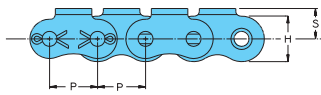
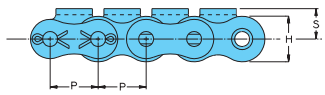
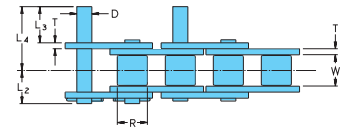
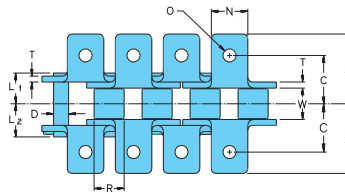
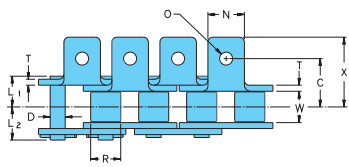
DOUBLE PITCH CONVEYOR LAMBDA ATTACHMENT CHAIN

**1.000" PITCH C2040-LAMBDA® AND C2042-LAMBDA®
DIMENSIONS**

	C	C ₁	C ₂	K	N	O	O ₁	S	X	X ₂	X _S	L ₃	L ₄	G	Additional Weight Per Attachment (lbs.)
A-1	.500	-	-	-	.752	.142	-	.358	.760	.693	-	-	-	-	.007
A-2	.500	-	-	.374	.752	.142	-	.358	.760	.693	-	-	-	-	.007
K-1	.500	-	-	-	.752	.142	-	.358	.760	.693	-	-	-	-	.013
K-2	.500	-	-	.374	.752	.142	-	.358	.760	.693	-	-	-	-	.013
SA-1	-	.437	-	-	.752	-	.205	-	-	-	.780	-	-	-	.007
SA-2	-	-	.535	.374	.752	.142	-	-	-	-	.780	-	-	-	.007
SK-1	-	.437	-	-	.752	-	.205	-	-	-	.780	-	-	-	.013
SK-2	-	-	.535	.374	.752	.142	-	-	-	-	.780	-	-	-	.013
GK-1	-	-	-	-	-	-	-	-	-	-	-	-	-	.161	-
D-1	-	-	-	-	-	-	-	-	-	-	-	.374	.663	-	.002
D-3	-	-	-	-	-	-	-	-	-	-	-	.374	.663	-	.004

All dimensions are in inches unless otherwise indicated.

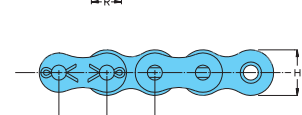
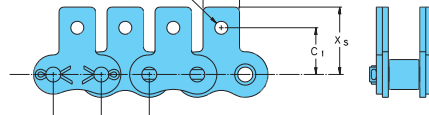
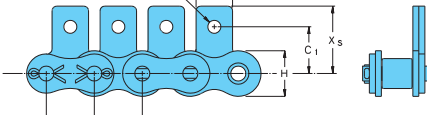
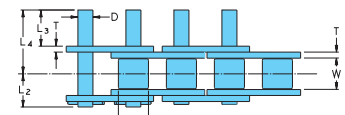
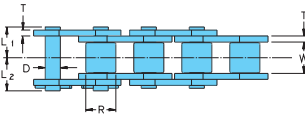
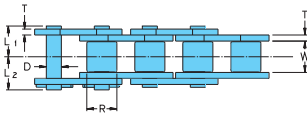
Single Pitch



A-1 Attachment

K-1 Attachment

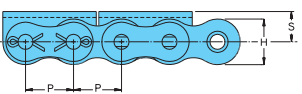
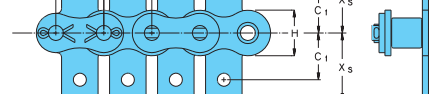
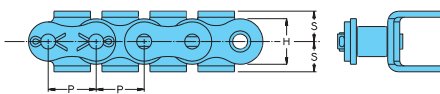
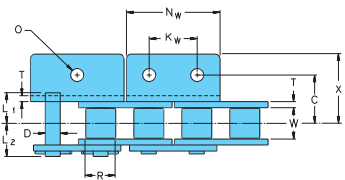
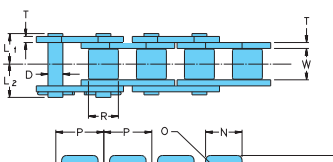
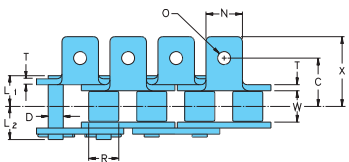
D-1 Attachment



SA-1 Attachment

SK-1 Attachment

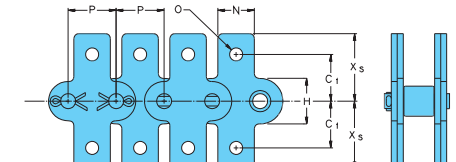
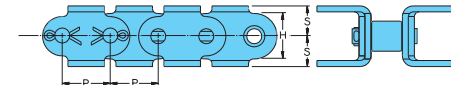
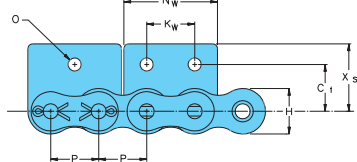
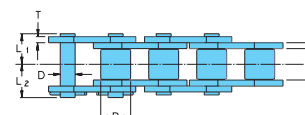
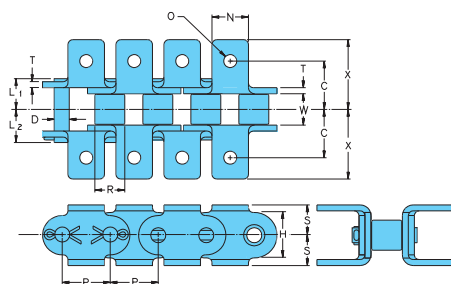
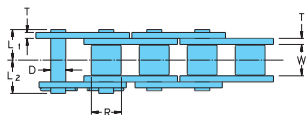
D-3 Attachment



AA-1 Attachment

SAA-1 Attachment

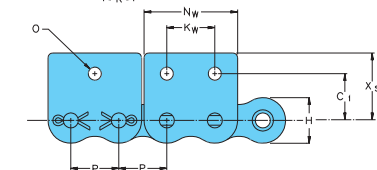
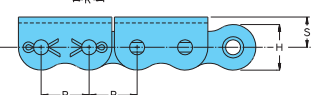
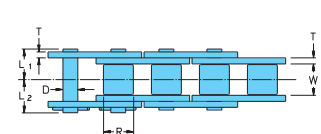
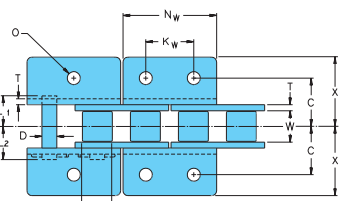
WA-1, WA-2 Attachment



WSA-1, WSA-2 Attachment

KK-1 Attachment

SKK-1 Attachment



WK-1, WK-2 Attachment

WSK-1, WSK-2 Attachment

STANDARD SINGLE PITCH ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between Roller Link Plates W	Roller Diameter R	Pin			Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
				D	L ₁	L ₂	H	T		
RS100	1.250	.750	.750	.375	.778	.900	1.185	.156	3,840	2.68

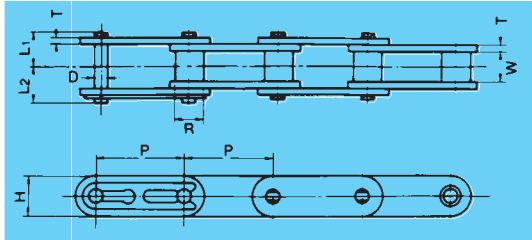
STANDARD SINGLE PITCH ATTACHMENT CHAIN

1.250" PITCH RS100 DIMENSIONS

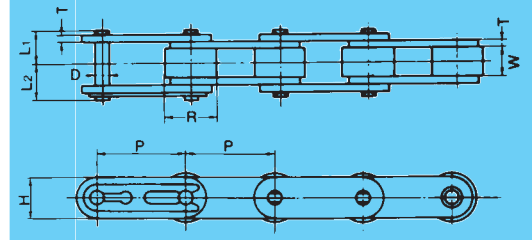
	C	C ₁	N	O	S	X	X _S	L ₃	L ₄	N _W	K _W	Additional Weight Per Attachment (lbs.)
A-1	1.250	-	1.000	.342	.780	1.768	-	-	-	-	-	.057
K-1	1.250	-	1.000	.342	.780	1.768	-	-	-	-	-	.115
SA-1	-	1.252	1.000	.342	-	-	1.732	-	-	-	-	.057
SK-1	-	1.252	1.000	.342	-	-	1.732	-	-	-	-	.115
D-1	-	-	-	-	-	-	-	.937	1.648	-	-	.027
D-3	-	-	-	-	-	-	-	.937	1.648	-	-	.054
AA-1	1.250	-	1.000	.342	.780	1.768	-	-	-	-	-	.121
SAA-1	-	1.252	1.000	.342	-	-	1.732	-	-	-	-	.121
WA-1	1.250	-	-	.342	.780	1.768	-	-	-	2.410	-	.121
WA-2	1.250	-	-	.342	.780	1.768	-	-	-	2.410	1.250	.121
WSA-1	-	1.252	-	.342	-	-	1.732	-	-	2.410	-	.121
WSA-2	-	1.252	-	.342	-	-	1.732	-	-	2.410	1.250	.121
KK-1	1.250	-	1.000	.342	.780	1.768	-	-	-	-	-	.242
SKK-1	-	1.252	1.000	.342	-	-	1.732	-	-	-	-	.242
WK-1	1.250	-	-	.342	.780	1.768	-	-	-	2.410	-	.242
WK-2	1.250	-	-	.342	.780	1.768	-	-	-	2.410	1.250	.242
WSK-1	-	1.252	-	.342	-	-	1.732	-	-	2.410	-	.242
WSK-2	-	1.252	-	.342	-	-	1.732	-	-	2.410	1.250	.242

All dimensions are in inches unless otherwise indicated.

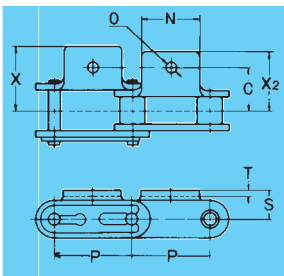
Double Pitch and Plastic Roller Attachment Chains



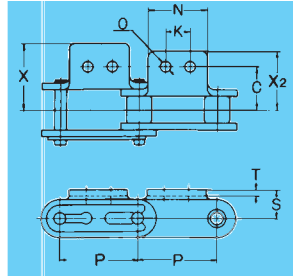
Standard Roller Type



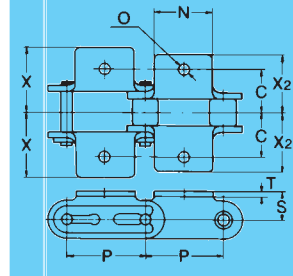
Oversize Roller Type



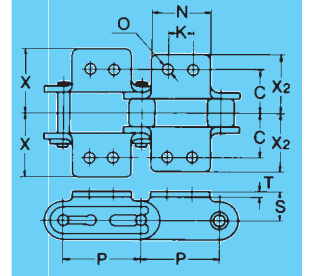
A-1 Attachment



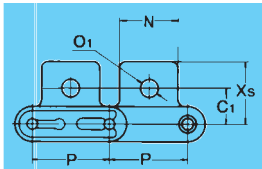
A-2 Attachment



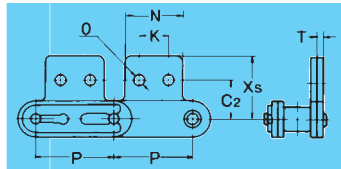
K-1 Attachment



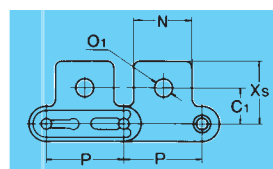
K-2 Attachment



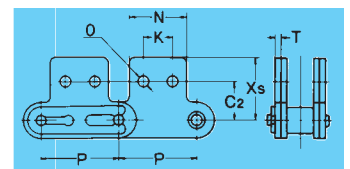
SA-1 Attachment



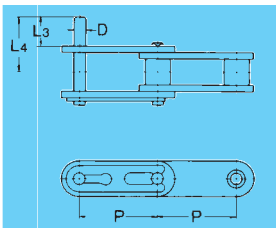
SA-2 Attachment



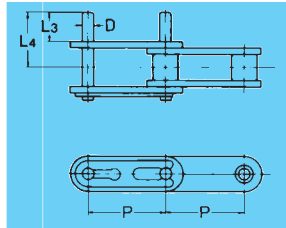
SK-1 Attachment



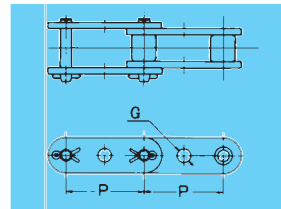
SK-2 Attachment



D-1 Attachment



D-3 Attachment



**GK-1 Attachment
(except large roller type)**

DOUBLE PITCH ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between Roller Link Plates W	Roller Diameter R	Pin			Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
				D	L ₁	L ₂	H	T		
C2050	1.250	.375	.400	.200	.406	.472	.591	.080	970	0.56
C2052	1.250	.375	.750	.200	.406	.472	.591	.080	970	0.87
C2052D	1.250	.375	.750	.200	.406	.472	.591	.080	155	0.57

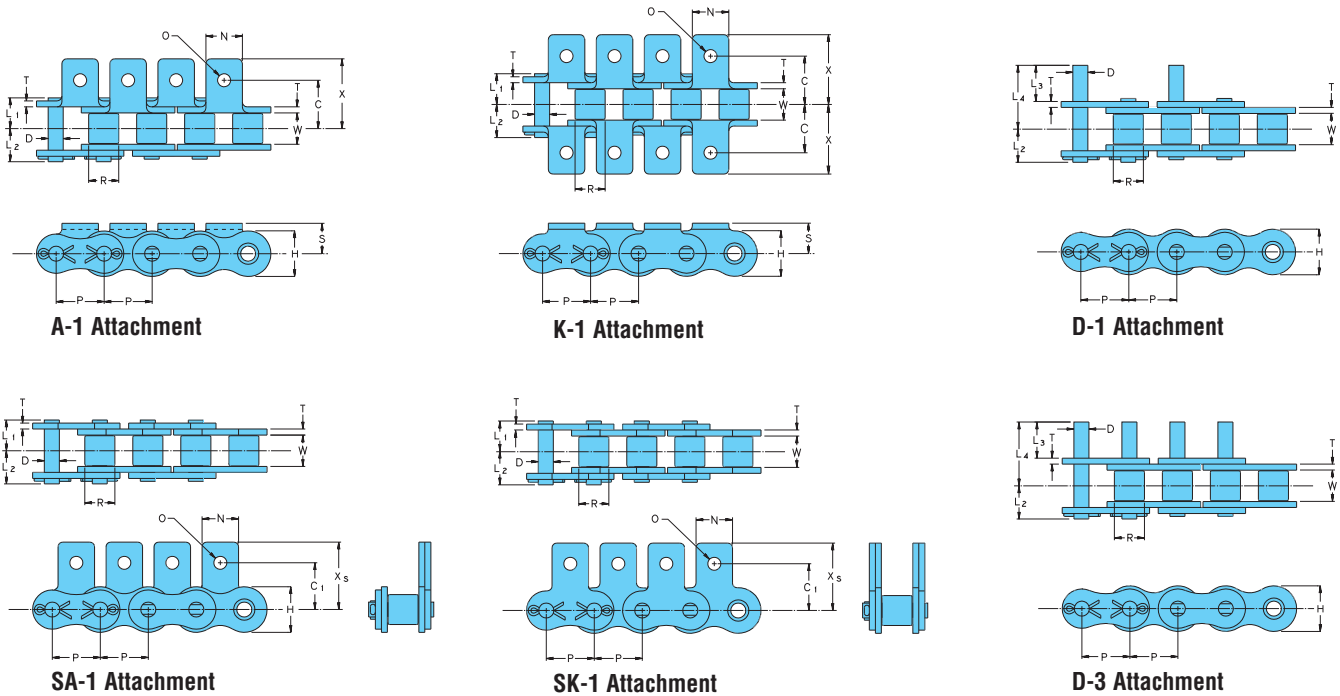
DOUBLE PITCH ATTACHMENT CHAIN

1.250" PITCH C2050, C2052, AND C2052D DIMENSIONS

	C	C ₁	C ₂	K	N	O	O ₁	S	X	X ₂	X _S	L ₃	L ₄	G	Additional Weight Per Attachment (lbs.)
A-1	.626	-	-	-	.937	.205	-	.437	.953	.866	-	-	-	-	.013
A-2	.626	-	-	.469	.937	.205	-	.437	.953	.866	-	-	-	-	.013
K-1	.626	-	-	-	.937	.205	-	.437	.953	.866	-	-	-	-	.026
K-2	.626	-	-	.469	.937	.205	-	.437	.953	.866	-	-	-	-	.026
SA-1	-	.563	-	-	.937	-	.268	-	-	-	.969	-	-	-	.013
SA-2	-	-	.626	.469	.937	.205	-	-	-	-	.969	-	-	-	.013
SK-1	-	.563	-	-	.937	-	.268	-	-	-	.969	-	-	-	.026
SK-2	-	-	.626	.469	.937	.205	-	-	-	-	.969	-	-	-	.026
GK-1	-	-	-	-	-	-	-	-	-	-	-	-	-	.201	-
D-1	-	-	-	-	-	-	-	-	-	-	-	.469	.833	-	.004
D-3	-	-	-	-	-	-	-	-	-	-	-	.469	.833	-	.008

All dimensions are in inches unless otherwise indicated.

LAMBDA® Maintenance Free Attachment Chains



RS CONVEYOR LAMBDA ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between		Roller Diameter R	Pin			Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
		Roller Link Plates W			D	L ₁	L ₂	H	T		
RSC100-LAMBDA	1.250	.750	.750	.750	.375	.778	.900	1.185	.156	3,840	2.68

RS CONVEYOR LAMBDA ATTACHMENT CHAIN

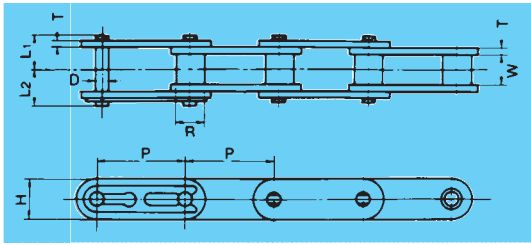
1.250" PITCH RSC100-LAMBDA®

DIMENSIONS

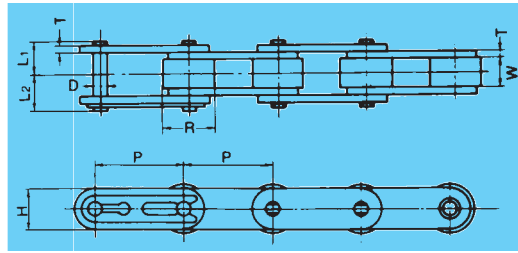
	C	C ₁	N	O	S	X	X _s	L ₃	L ₄	N _w	K _w	Additional Weight Per Attachment (lbs.)
A-1	1.250	-	1.000	.342	.780	1.768	-	-	-	-	-	.057
K-1	1.250	-	1.000	.342	.780	1.768	-	-	-	-	-	.115
SA-1	-	1.252	1.000	.342	-	-	1.732	-	-	-	-	.057
SK-1	-	1.252	1.000	.342	-	-	1.732	-	-	-	-	.115
D-1	-	-	-	-	-	-	-	.937	1.648	-	-	.027
D-3	-	-	-	-	-	-	-	.937	1.648	-	-	.054
WA-1	1.250	-	-	.342	.780	1.768	-	-	-	2.272	-	.121
WA-2	1.250	-	-	.342	.780	1.768	-	-	-	2.272	1.250	.121
WSA-1	-	1.252	-	.342	-	-	1.732	-	-	2.272	-	.121
WSA-2	-	1.252	-	.342	-	-	1.732	-	-	2.272	1.250	.121
WK-1	1.250	-	-	.342	.780	1.768	-	-	-	2.272	-	.242
WK-2	1.250	-	-	.342	.780	1.768	-	-	-	2.272	1.250	.242
WSK-1	-	1.252	-	.342	-	-	1.732	-	-	2.272	-	.242
WSK-2	-	1.252	-	.342	-	-	1.732	-	-	2.272	1.250	.242

NOTE: The "N_w" dimension for LAMBDA is not the same as it is for standard chain.

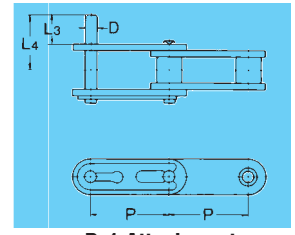
All dimensions are in inches unless otherwise indicated.
 For WA-1, WA-2, WSA-1, WSA-2, WK-1, WK-2, WSK-1, WSK-2 drawings, see page 18.



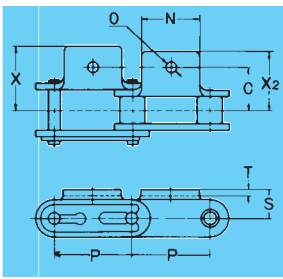
Standard Roller Type



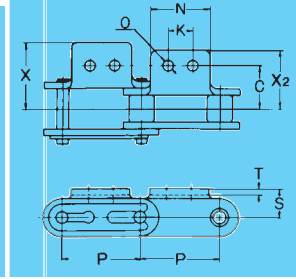
Oversize Roller Type



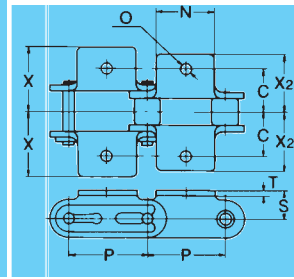
D-1 Attachment



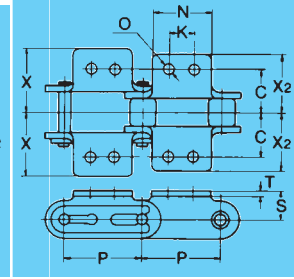
A-1 Attachment



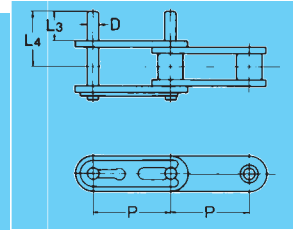
A-2 Attachment



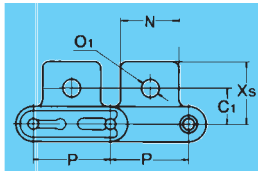
K-1 Attachment



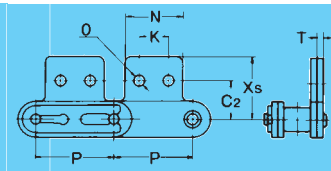
K-2 Attachment



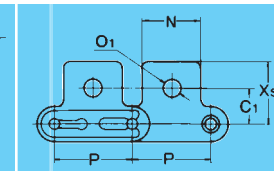
D-3 Attachment



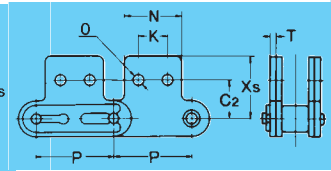
SA-1 Attachment



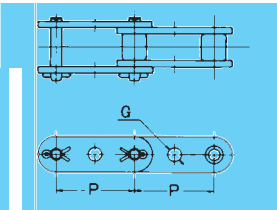
SA-2 Attachment



SK-1 Attachment



SK-2 Attachment



**GK-1 Attachment
(except large roller type)**

RS CONVEYOR LAMBDA ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between Roller Link Plates W	Roller Diameter R	Pin			Link Plate H	Link Plate T	Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
				D	L ₁	L ₂				
C2050-LAMBDA	1.250	.375	.400	.200	.406	.472	.591	.080	970	0.56
C2052-LAMBDA	1.250	.375	.750	.200	.406	.472	.591	.080	970	0.87

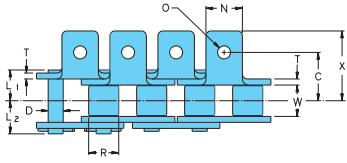
RS CONVEYOR LAMBDA ATTACHMENT CHAIN

**1.250" PITCH C2050-LAMBDA® AND C2052-LAMBDA®
DIMENSIONS**

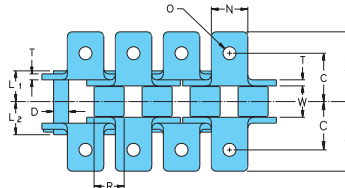
	C	C ₁	C ₂	K	N	O	O ₁	S	X	X ₂	X _s	L ₃	L ₄	G	Additional Weight Per Attachment (lbs.)
A-1	.626	-	-	-	.937	.205	-	.437	.953	.866	-	-	-	-	.013
A-2	.626	-	-	.469	.937	.205	-	.437	.953	.866	-	-	-	-	.013
K-1	.626	-	-	-	.937	.205	-	.437	.953	.866	-	-	-	-	.026
K-2	.626	-	-	.469	.937	.205	-	.437	.953	.866	-	-	-	-	.026
SA-1	-	.563	-	-	.937	-	.268	-	-	-	.969	-	-	-	.013
SA-2	-	-	.626	.469	.937	.205	-	-	-	-	.969	-	-	-	.013
SK-1	-	.563	-	-	.937	-	.268	-	-	-	.969	-	-	-	.026
SK-2	-	-	.626	.469	.937	.205	-	-	-	-	.969	-	-	-	.026
GK-1	-	-	-	-	.937	-	-	-	-	-	-	-	-	.201	-
D-1	-	-	-	-	-	-	-	-	-	-	-	.469	.833	-	.004
D-3	-	-	-	-	-	-	-	-	-	-	-	.469	.833	-	.008

All dimensions are in inches unless otherwise indicated.

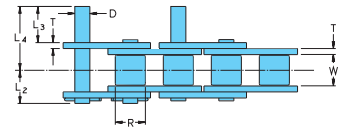
Single Pitch



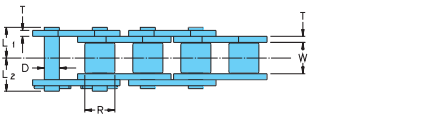
A-1 Attachment



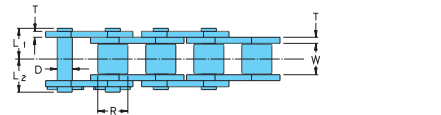
K-1 Attachment



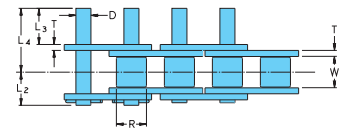
D-1 Attachment



SA-1 Attachment



SK-1 Attachment



D-3 Attachment

STANDARD SINGLE PITCH ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between Roller Link Plates W	Roller Diameter R	Pin			Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
				D	L ₁	L ₂	H	T		
RS120	1.500	1.000	.875	.437	.980	1.138	1.425	.187	5,380	3.98

STANDARD SINGLE PITCH ATTACHMENT CHAIN

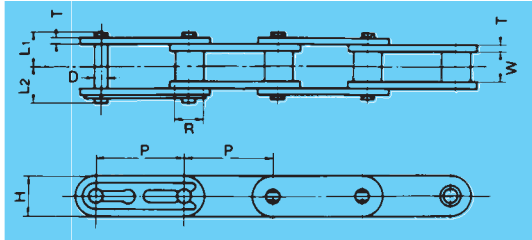
1.500" PITCH RS120

DIMENSIONS

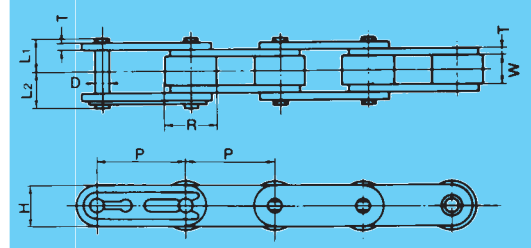
	C	C ₁	N	O	S	X	X _S	L ₃	L ₄	Additional Weight Per Attachment (lbs.)
A-1	1.500	-	1.126	.386	.906	2.197	-	-	-	.097
K-1	1.500	-	1.126	.386	.906	2.197	-	-	-	.194
SA-1	-	1.437	1.126	.386	-	-	2.081	-	-	.097
SK-1	-	1.437	1.126	.386	-	-	2.081	-	-	.194
D-1	-	-	-	-	-	-	-	1.126	2.024	.044
D-3	-	-	-	-	-	-	-	1.126	2.024	.088

All dimensions are in inches unless otherwise indicated.

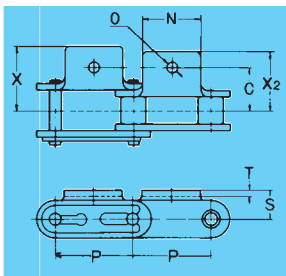
Double Pitch & Plastic Roller Attachment Chains



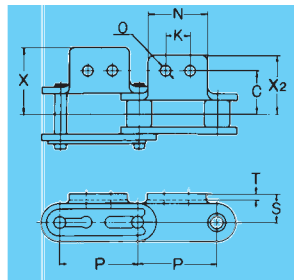
Standard Roller Type



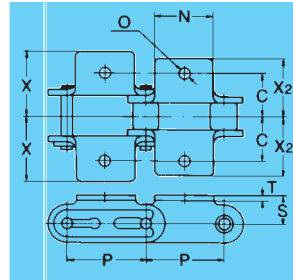
Oversize Roller Type



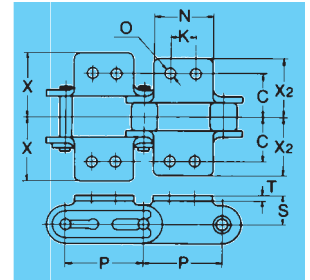
A-1 Attachment



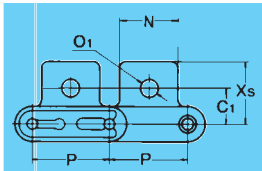
A-2 Attachment



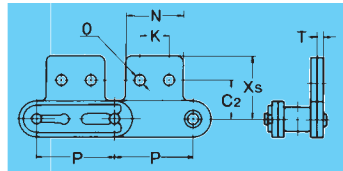
K-1 Attachment



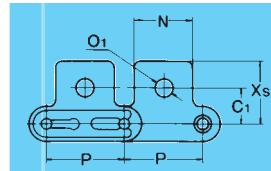
K-2 Attachment



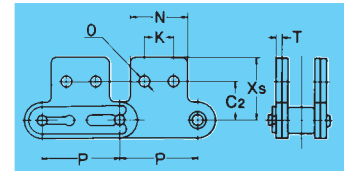
SA-1 Attachment



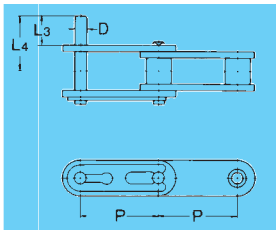
SA-2 Attachment



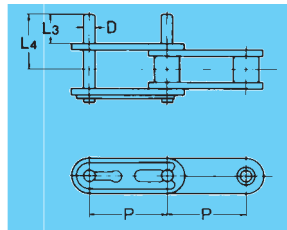
SK-1 Attachment



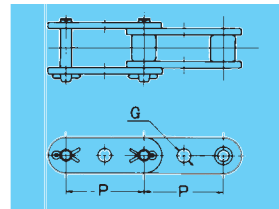
SK-2 Attachment



D-1 Attachment



D-3 Attachment



**GK-1 Attachment
(except large roller type)**

DOUBLE PITCH ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between Roller Link Plates W	Roller Diameter R	Pin			Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
				D	L ₁	L ₂	H	T		
C2060H	1.500	.500	.469	.234	.573	.652	.677	.125	1,410	1.01
C2062H	1.500	.500	.875	.234	.573	.652	.677	.125	1,410	1.47
C2062HD	1.500	.500	.875	.234	.573	.652	.677	.125	230	0.98

DOUBLE PITCH ATTACHMENT CHAIN

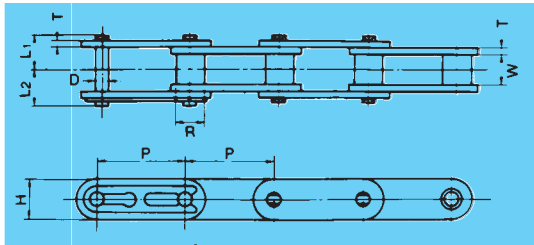
1.500" PITCH C2060H, C2062H, AND C2062HD

DIMENSIONS

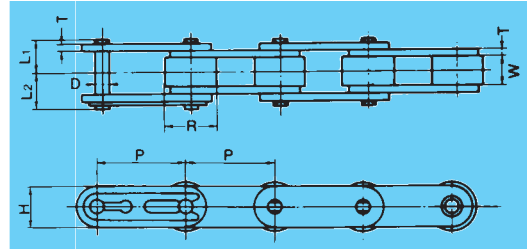
	C	C ₁	C ₂	K	N	O	O ₁	S	X	X ₂	X _S	L ₃	L ₄	G	Additional Weight Per Attachment (lbs.)
A-1	.844	-	-	-	1.126	.205	-	.579	1.240	1.110	-	-	-	-	.037
A-2	.844	-	-	.563	1.126	.205	-	.579	1.240	1.110	-	-	-	-	.037
K-1	.844	-	-	-	1.126	.205	-	.579	1.240	1.110	-	-	-	-	.075
K-2	.844	-	-	.563	1.126	.205	-	.579	1.240	1.110	-	-	-	-	.075
SA-1	-	.689	-	-	1.126	-	.343	-	-	-	1.205	-	-	-	.037
SA-2	-	-	.752	.563	1.126	.205	-	-	-	-	1.205	-	-	-	.037
SK-1	-	.689	-	-	1.126	-	.343	-	-	-	1.205	-	-	-	.075
SK-2	-	-	.752	.563	1.126	.205	-	-	-	-	1.205	-	-	-	.075
GK-1	-	-	-	-	-	-	-	-	-	-	-	-	-	.240	-
D-1	-	-	-	-	-	-	-	-	-	-	-	.563	1.083	-	.007
D-3	-	-	-	-	-	-	-	-	-	-	-	.563	1.083	-	.014

All dimensions are in inches unless otherwise indicated.

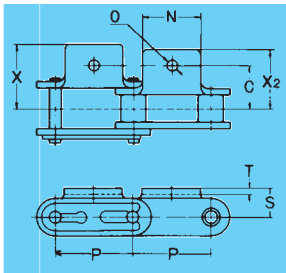
LAMBDA® Maintenance Free Attachment Chains



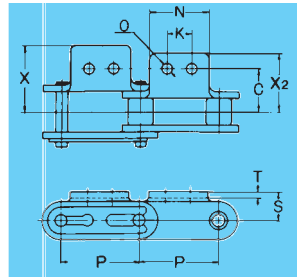
Standard Roller Type



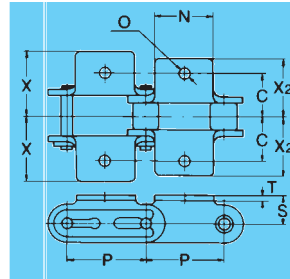
Oversize Roller Type



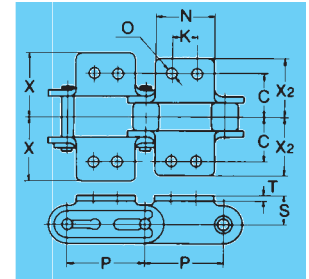
A-1 Attachment



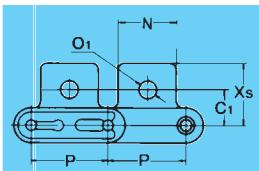
A-2 Attachment



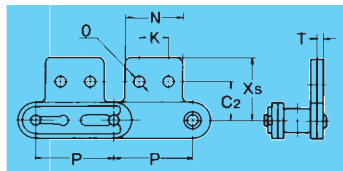
K-1 Attachment



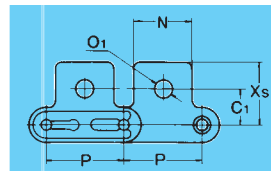
K-2 Attachment



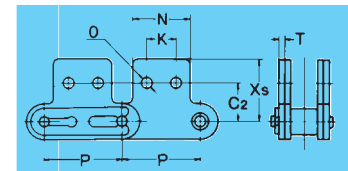
SA-1 Attachment



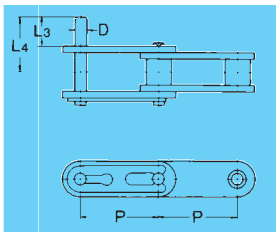
SA-2 Attachment



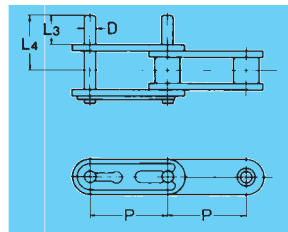
SK-1 Attachment



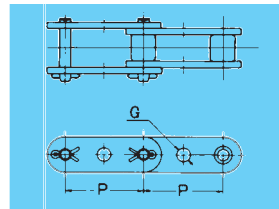
SK-2 Attachment



D-1 Attachment



D-3 Attachment



**GK-1 Attachment
(except large roller type)**

RS CONVEYOR LAMBDA® ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between Roller Link Plates W	Roller Diameter R	Pin			Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
				D	L ₁	L ₂	H	T		
C2060H-LAMBDA	1.500	.500	.469	.234	.573	.652	.677	.125	1,410	1.01
C2062H-LAMBDA	1.500	.500	.875	.234	.573	.652	.677	.125	1,410	1.47

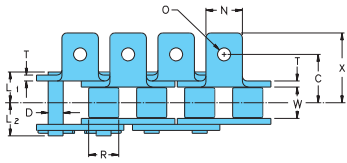
RS CONVEYOR LAMBDA ATTACHMENT CHAIN

1.500" PITCH C2060H-LAMBDA® AND C2062H-LAMBDA® DIMENSIONS

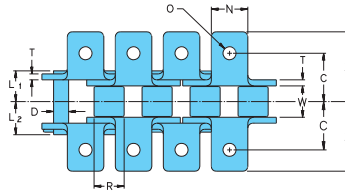
	C	C ₁	C ₂	K	N	O	O ₁	S	X	X ₂	X _S	L ₃	L ₄	G	Additional Weight Per Attachment (lbs.)
A-1	.844	-	-	-	1.126	.205	-	.579	1.240	1.110	-	-	-	-	.037
A-2	.844	-	-	.563	1.126	.205	-	.579	1.240	1.110	-	-	-	-	.037
K-1	.844	-	-	-	1.126	.205	-	.579	1.240	1.110	-	-	-	-	.075
K-2	.844	-	-	.563	1.126	.205	-	.579	1.240	1.110	-	-	-	-	.075
SA-1	-	.689	-	-	1.126	-	.343	-	-	-	1.205	-	-	-	.037
SA-2	-	-	.752	.563	1.126	.205	-	-	-	-	1.205	-	-	-	.037
SK-1	-	.689	-	-	1.126	-	.343	-	-	-	1.205	-	-	-	.075
SK-2	-	-	.752	.563	1.126	.205	-	-	-	-	1.205	-	-	-	.075
GK-1	-	-	-	-	-	-	-	-	-	-	-	-	-	.240	-
D-1	-	-	-	-	-	-	-	-	-	-	-	.563	1.083	-	.007
D-3	-	-	-	-	-	-	-	-	-	-	-	.563	1.083	-	.014

All dimensions are in inches unless otherwise indicated.

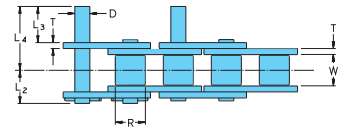
Single Pitch



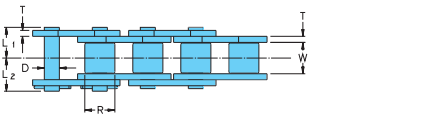
A-1 Attachment



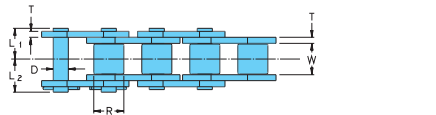
K-1 Attachment



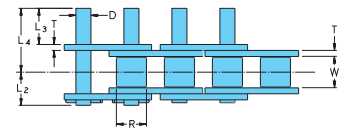
D-1 Attachment



SA-1 Attachment



SK-1 Attachment



D-3 Attachment

STANDARD SINGLE PITCH ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between Roller Link Plates W	Roller Diameter R	Pin			Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
				D	L ₁	L ₂	H	T		
RS140	1.750	1.000	1.000	.500	1.059	1.248	1.661	.221	7,280	5.03
RS160	2.000	1.250	1.125	.562	1.254	1.451	1.898	.250	9,190	6.79

STANDARD SINGLE PITCH ATTACHMENT CHAIN

1.750" PITCH RS140 DIMENSIONS

	C	C ₁	N	O	S	X	X _S	L ₃	L ₄	Additional Weight Per Attachment (lbs.)
A-1	1.750	-	1.375	.448	1.125	2.420	-	-	-	.157
K-1	1.750	-	1.375	.448	1.125	2.420	-	-	-	.313
SA-1	-	1.750	1.375	.448	-	-	2.437	-	-	.157
SK-1	-	1.750	1.375	.448	-	-	2.437	-	-	.313
D-1	-	-	-	-	-	-	-	1.311	2.264	.066
D-3	-	-	-	-	-	-	-	1.311	2.264	.132

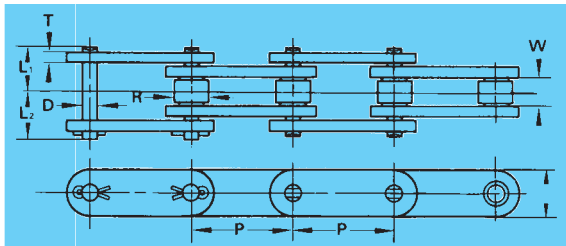
STANDARD SINGLE PITCH ATTACHMENT CHAIN

2.000" PITCH RS160 DIMENSIONS

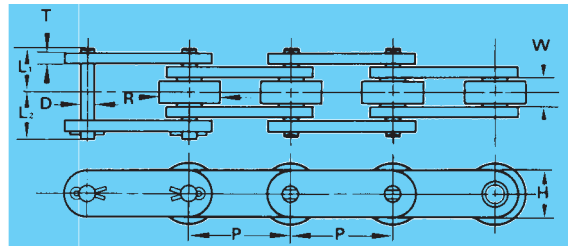
	C	C ₁	N	O	S	X	X _S	L ₃	L ₄	Additional Weight Per Attachment (lbs.)
A-1	2.000	-	1.500	.516	1.250	2.840	-	-	-	.214
K-1	2.000	-	1.500	.516	1.250	2.840	-	-	-	.428
SA-1	-	2.000	1.500	.516	-	-	2.750	-	-	.214
SK-1	-	2.000	1.500	.516	-	-	2.750	-	-	.428
D-1	-	-	-	-	-	-	-	1.500	2.654	.099
D-3	-	-	-	-	-	-	-	1.500	2.654	.198

All dimensions are in inches unless otherwise indicated.

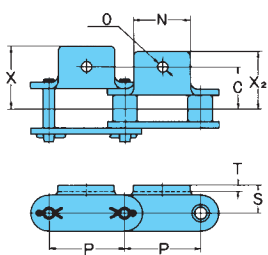
Double Pitch and Plastic Roller Attachment Chains



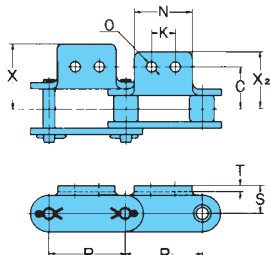
Standard "S" Roller Type



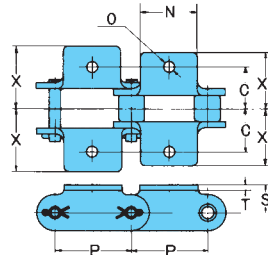
Oversize "R" Roller Type



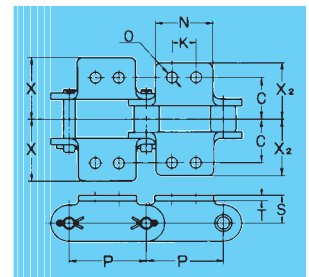
A-1 Attachment



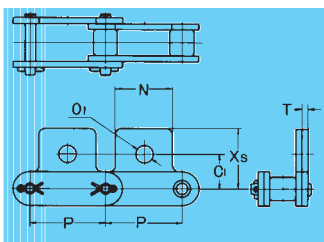
A-2 Attachment



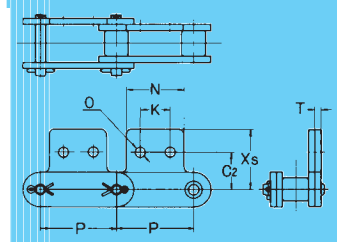
K-1 Attachment



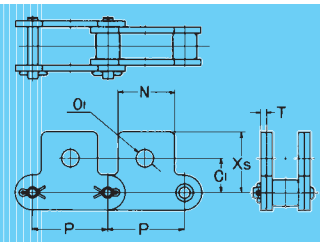
K-2 Attachment



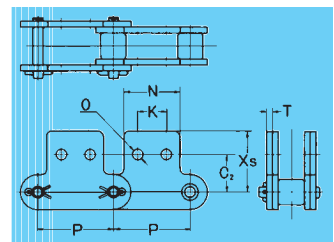
SA-1 Attachment



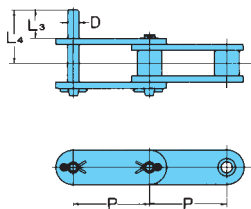
SA-2 Attachment



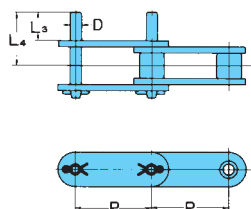
SK-1 Attachment



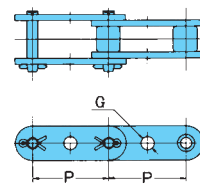
SK-2 Attachment



D-1 Attachment



D-3 Attachment



**GK-1 Attachment
(except oversize roller type)**

DOUBLE PITCH ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between Roller Link Plates W	Roller Diameter R	Pin			Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
				D	L ₁	L ₂	H	T		
C2080H	2.000	.625	.625	.312	.720	.823	.906	.156	2,400	1.62
C2082H	2.000	.625	1.125	.312	.720	.823	.906	.156	2,400	2.37
C2082HD	2.000	.625	1.125	.312	.720	.823	.906	.156	395	1.77

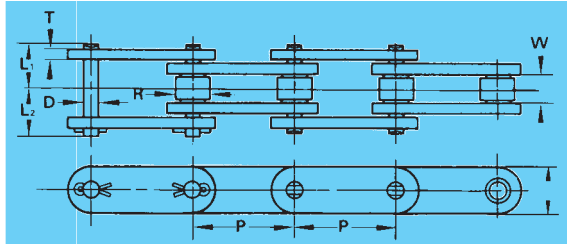
DOUBLE PITCH ATTACHMENT CHAIN

2.000" PITCH C2080H, C2082H, AND C2082HD DIMENSIONS

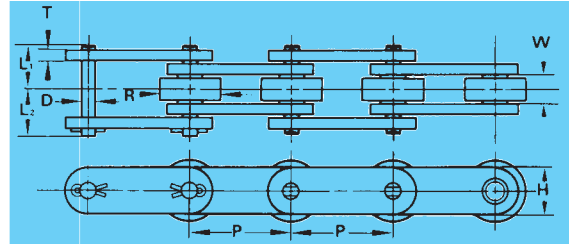
	C	C ₁	C ₂	K	N	O	O ₁	S	X	X ₂	X _S	L ₃	L ₄	G	Additional Weight Per Attachment (lbs.)
A-1	1.094	-	-	-	1.500	.268	-	.752	1.602	1.441	-	-	-	-	.071
A-2	1.094	-	-	.752	1.500	.268	-	.752	1.602	1.441	-	-	-	-	.071
K-1	1.094	-	-	-	1.500	.268	-	.752	1.602	1.441	-	-	-	-	.141
K-2	1.094	-	-	.752	1.500	.268	-	.752	1.602	1.441	-	-	-	-	.141
SA-1	-	.874	-	-	1.500	-	.406	-	-	-	1.594	-	-	-	.071
SA-2	-	-	1.000	.752	1.500	.268	-	-	-	-	1.594	-	-	-	.071
SK-1	-	.874	-	-	1.500	-	.406	-	-	-	1.594	-	-	-	.141
SK-2	-	-	1.000	.752	1.500	.268	-	-	-	-	1.594	-	-	-	.141
GK-1	-	-	-	-	-	-	-	-	-	-	-	-	-	.319	-
D-1	-	-	-	-	-	-	-	-	-	-	-	.752	1.401	-	.015
D-3	-	-	-	-	-	-	-	-	-	-	-	.752	1.401	-	.030

All dimensions are in inches unless otherwise indicated.

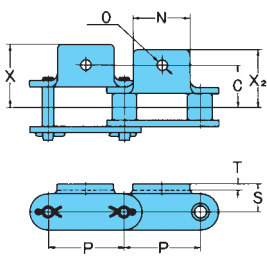
LAMBDA® Maintenance Free Attachment Chains



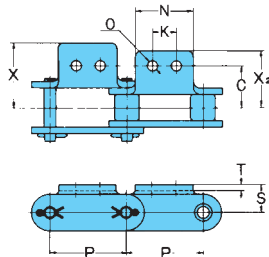
Standard "S" Roller Type



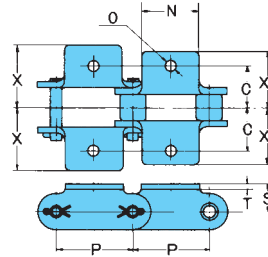
Oversize "R" Roller Type



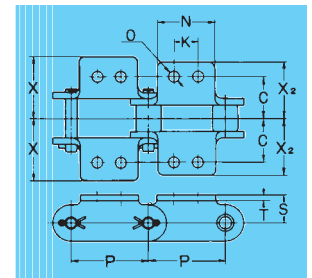
A-1 Attachment



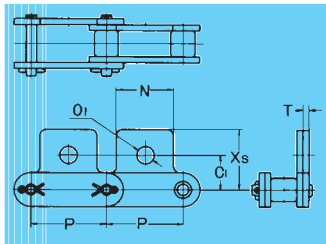
A-2 Attachment



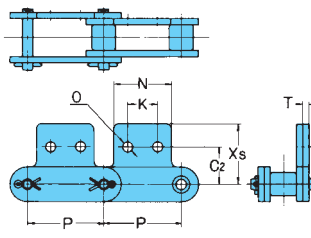
K-1 Attachment



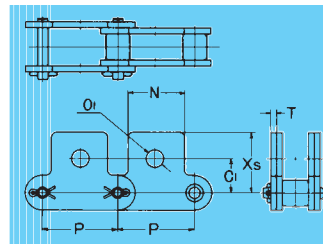
K-2 Attachment



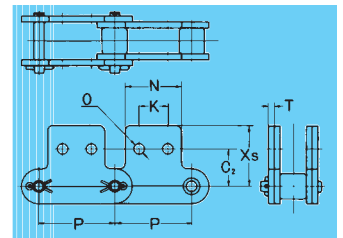
SA-1 Attachment



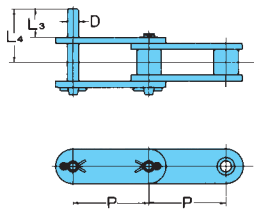
SA-2 Attachment



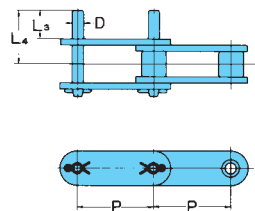
SK-1 Attachment



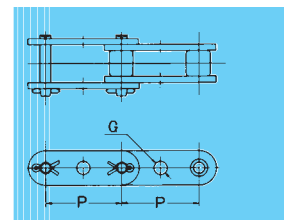
SK-2 Attachment



D-1 Attachment



D-3 Attachment



**GK-1 Attachment
(except oversize roller type)**

RS CONVEYOR LAMBDA® ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between Roller Link Plates		Roller Diameter R	Pin		Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)	
		W			D	L ₁	L ₂	H			T
C2080H-LAMBDA 2.000		.625		.625	.312	.720	.823	.906	.156	2,400	1.62
C2082H-LAMBDA 2.000		.625		1.125	.312	.720	.823	.906	.156	2,400	2.37

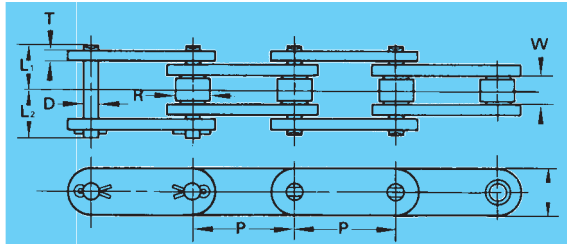
RS CONVEYOR LAMBDA ATTACHMENT CHAIN

2.000" PITCH C2080H-LAMBDA® AND C2082H-LAMBDA® DIMENSIONS

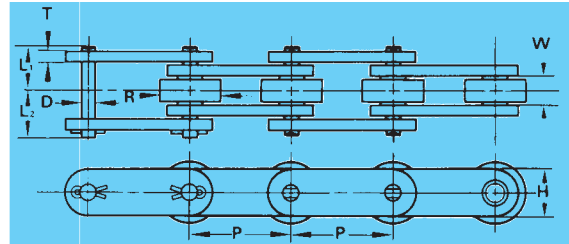
	C	C ₁	C ₂	K	N	O	O ₁	S	X	X ₂	X _S	L ₃	L ₄	G	Additional Weight Per Attachment (lbs.)
A-1	1.094	-	-	-	1.500	.268	-	.752	1.602	1.441	-	-	-	-	.071
A-2	1.094	-	-	.752	1.500	.268	-	.752	1.602	1.441	-	-	-	-	.071
K-1	1.094	-	-	-	1.500	.268	-	.752	1.602	1.441	-	-	-	-	.141
K-2	1.094	-	-	.752	1.500	.268	-	.752	1.602	1.441	-	-	-	-	.141
SA-1	-	.874	-	-	1.500	-	.406	-	-	-	1.594	-	-	-	.071
SA-2	-	-	1.000	.752	1.500	.268	-	-	-	-	1.594	-	-	-	.071
SK-1	-	.874	-	-	1.500	-	.406	-	-	-	1.594	-	-	-	.141
SK-2	-	-	1.000	.752	1.500	.268	-	-	-	-	1.594	-	-	-	.141
GK-1	-	-	-	-	-	-	-	-	-	-	-	-	-	.319	-
D-1	-	-	-	-	-	-	-	-	-	-	-	.752	1.401	-	.015
D-3	-	-	-	-	-	-	-	-	-	-	-	.752	1.401	-	.030

All dimensions are in inches unless otherwise indicated.

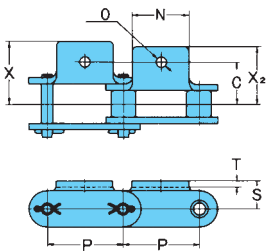
Double Pitch and Plastic Roller Attachment Chains



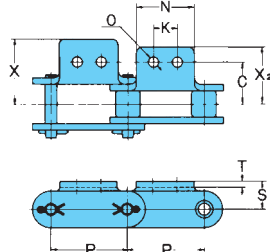
Standard "S" Roller Type



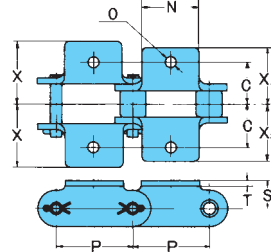
Oversize "R" Roller Type



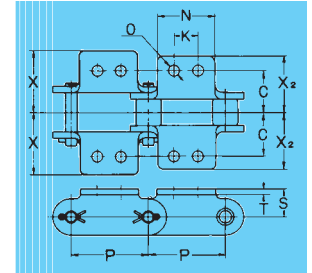
A-1 Attachment



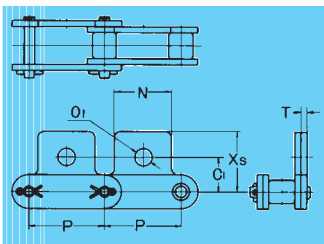
A-2 Attachment



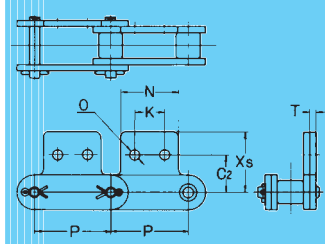
K-1 Attachment



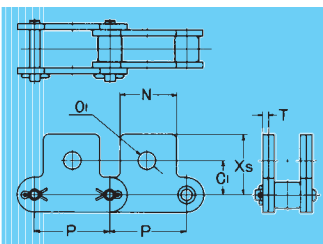
K-2 Attachment



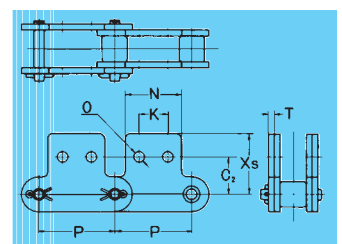
SA-1 Attachment



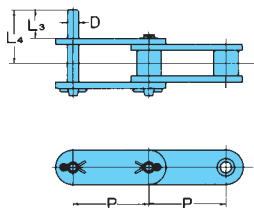
SA-2 Attachment



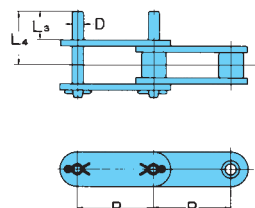
SK-1 Attachment



SK-2 Attachment



D-1 Attachment



D-3 Attachment

DOUBLE PITCH ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between Roller Link Plates W	Roller Diameter R	Pin			Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
				D	L ₁	L ₂	H	T		
C2100H	2.500	.750	.750	.375	.858	.965	1.15	.187	3,840	2.38
C2102H	2.500	.750	1.562	.375	.858	.965	1.15	.187	3,840	3.90
C2102HD	2.500	.750	1.562	.375	.858	.965	1.15	.187	575	2.44

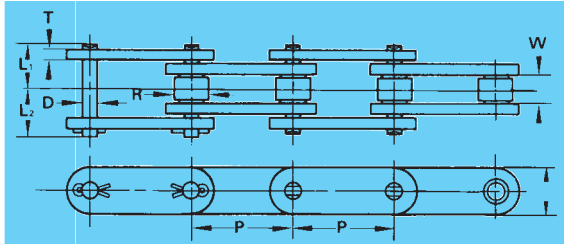
DOUBLE PITCH ATTACHMENT CHAIN

2.500" PITCH C2100H, C2102H, AND C2102HD DIMENSIONS

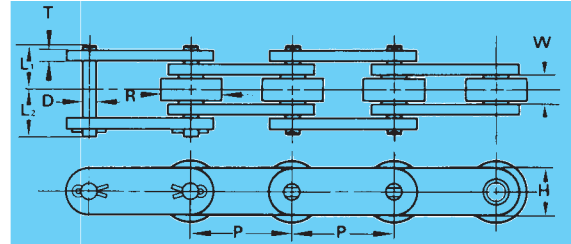
	C	C ₁	C ₂	K	N	O	O ₁	S	X	X ₂	X _S	L ₃	L ₄	Additional Weight Per Attachment (lbs.)
A-1	1.312	-	-	-	1.875	.323	-	.922	1.970	1.770	-	-	-	.132
A-2	1.312	-	-	.938	1.875	.323	-	.922	1.970	1.770	-	-	-	.132
K-1	1.312	-	-	-	1.875	.323	-	.922	1.970	1.770	-	-	-	.265
K-2	1.312	-	-	.938	1.875	.323	-	.922	1.970	1.770	-	-	-	.265
SA-1	-	1.125	-	-	1.875	-	.516	-	-	-	1.984	-	-	.132
SA-2	-	-	1.250	.938	1.875	.323	-	-	-	-	1.984	-	-	.132
SK-1	-	1.125	-	-	1.875	-	.516	-	-	-	1.984	-	-	.265
SK-2	-	-	1.250	.938	1.875	.323	-	-	-	-	1.984	-	-	.265
D-1	-	-	-	-	-	-	-	-	-	-	-	.937	1.687	.026
D-3	-	-	-	-	-	-	-	-	-	-	-	.937	1.687	.052

All dimensions are in inches unless otherwise indicated.

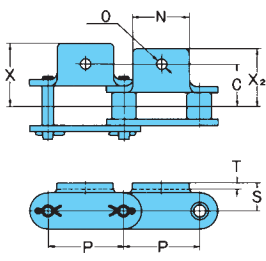
LAMBDA® Maintenance Free Attachment Chains



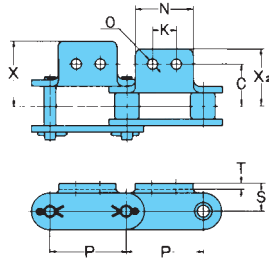
Standard "S" Roller Type



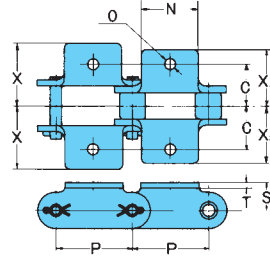
Oversize "R" Roller Type



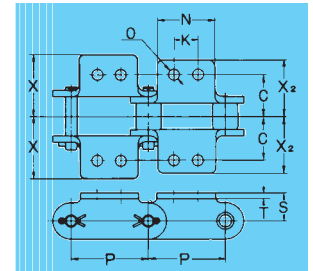
A-1 Attachment



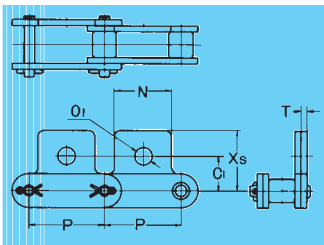
A-2 Attachment



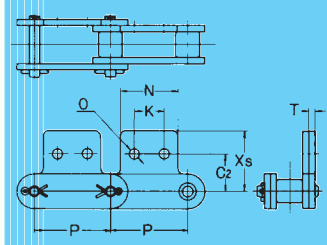
K-1 Attachment



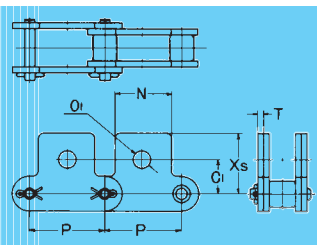
K-2 Attachment



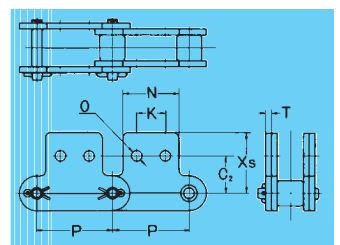
SA-1 Attachment



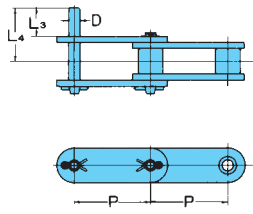
SA-2 Attachment



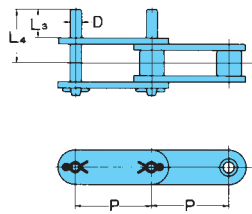
SK-1 Attachment



SK-2 Attachment



D-1 Attachment



D-3 Attachment

RS CONVEYOR LAMBDA® ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between Roller Link Plates W	Roller Diameter R	Pin			Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
				D	L ₁	L ₂	H	T		
C2100H-LAMBDA 2.500		.750	.750	.375	.858	.964	1.125	.187	3,840	2.38
C2102H-LAMBDA 2.500		.750	1.562	.375	.858	.964	1.125	.187	3,840	3.91

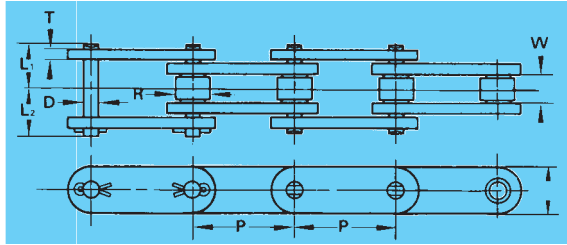
RS CONVEYOR LAMBDA ATTACHMENT CHAIN

2.500" PITCH C2100H-LAMBDA® AND C2102H-LAMBDA® DIMENSIONS

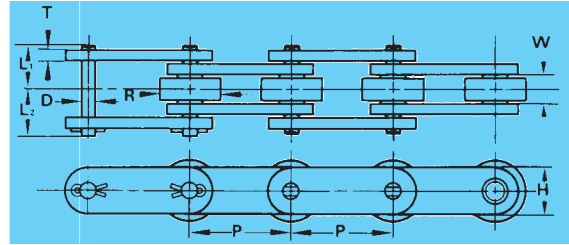
	C	C ₁	C ₂	K	N	O	O ₁	S	X	X ₂	X _S	L ₃	L ₄	Additional Weight Per Attachment (lbs.)
A-1	1.312	-	-	-	1.875	.343	-	.922	1.965	1.768	-	-	-	.132
A-2	1.312	-	-	.938	1.875	.343	-	.922	1.965	1.768	-	-	-	.132
K-1	1.312	-	-	-	1.875	.343	-	.922	1.965	1.768	-	-	-	.265
K-2	1.312	-	-	.938	1.875	.343	-	.922	1.965	1.768	-	-	-	.265
SA-1	-	1.125	-	-	1.875	-	.563	-	-	-	1.984	-	-	.132
SA-2	-	-	1.250	.938	1.875	.343	-	-	-	-	1.984	-	-	.132
SK-1	-	1.125	-	-	1.875	-	.563	-	-	-	1.984	-	-	.265
SK-2	-	-	1.250	.938	-	.343	-	-	-	-	1.984	-	-	.265
D-1	-	-	-	-	-	-	-	-	-	-	-	.937	1.687	.026
D-3	-	-	-	-	-	-	-	-	-	-	-	.937	1.687	.052

All dimensions are in inches unless otherwise indicated.

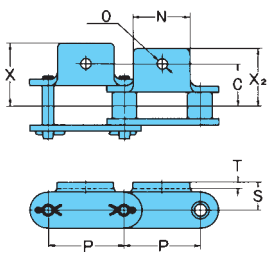
Double Pitch and Plastic Roller Attachment Chains



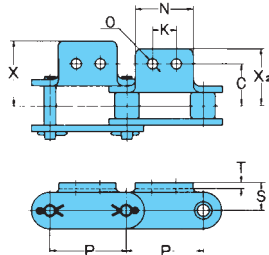
Standard "S" Roller Type



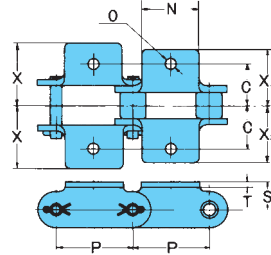
Oversize "R" Roller Type



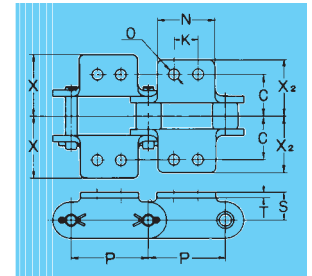
A-1 Attachment



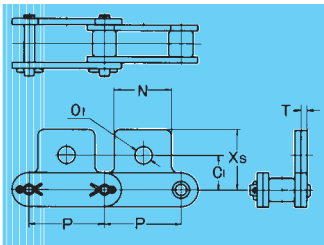
A-2 Attachment



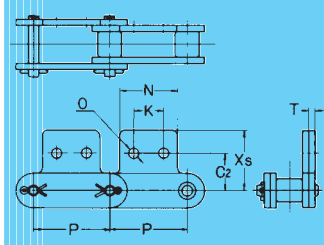
K-1 Attachment



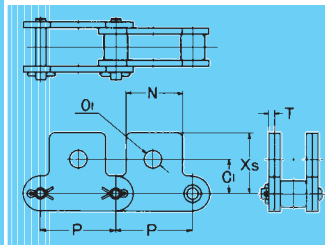
K-2 Attachment



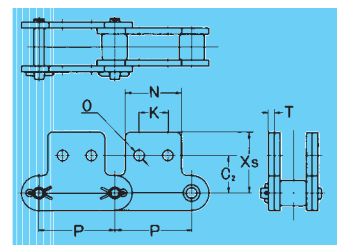
SA-1 Attachment



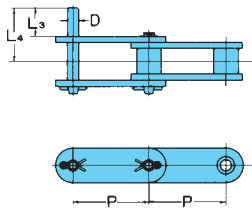
SA-2 Attachment



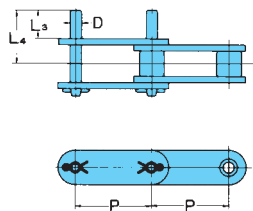
SK-1 Attachment



SK-2 Attachment



D-1 Attachment



D-3 Attachment

DOUBLE PITCH ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between Roller Link Plates W	Roller Diameter R	Pin			Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
				D	L ₁	L ₂	H	T		
C2120H	3.000	1.000	.875	.437	1.061	1.203	1.380	.219	5,380	3.70
C2122H	3.000	1.000	1.750	.437	1.061	1.203	1.380	.219	5,380	5.71

DOUBLE PITCH ATTACHMENT CHAIN

3.000" PITCH C2120H AND C2122H DIMENSIONS

	C	C ₁	C ₂	K	N	O	O ₁	S	X	X ₂	X _S	L ₃	L ₄	Additional Weight Per Attachment (lbs.)
A-1	1.562	-	-	-	2.250	.386	-	1.093	2.400	2.160	-	-	-	.220
A-2	1.562	-	-	1.125	2.250	.386	-	1.093	2.400	2.160	-	-	-	.220
K-1	1.562	-	-	-	2.250	.386	-	1.093	2.400	2.160	-	-	-	.440
K-2	1.562	-	-	1.125	2.250	.386	-	1.093	2.400	2.160	-	-	-	.440
SA-1	-	1.312	-	-	2.250	-	.578	-	-	-	2.361	-	-	.220
SA-2	-	-	1.468	1.125	2.250	.386	-	-	-	-	2.361	-	-	.220
SK-1	-	1.312	-	-	2.250	-	.578	-	-	-	2.361	-	-	.440
SK-2	-	-	1.468	1.125	2.250	.386	-	-	-	-	2.361	-	-	.440
D-1	-	-	-	-	-	-	-	-	-	-	-	1.125	2.062	.044
D-3	-	-	-	-	-	-	-	-	-	-	-	1.125	2.062	.088

DOUBLE PITCH ATTACHMENT CHAIN DIMENSIONS

Chain Number	Pitch P	Width Between Roller Link Plates W	Roller Diameter R	Pin			Link Plate		Maximum Allowable Load (lbs.)	Approximate Weight (lbs./ft.)
				D	L ₁	L ₂	H	T		
C2160H	4.000	1.250	1.125	.563	1.337	1.514	1.850	.281	9,190	5.85
C2162H	4.000	1.250	2.250	.563	1.337	1.514	1.850	.281	9,190	8.93

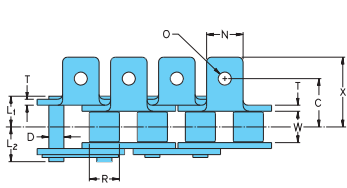
DOUBLE PITCH ATTACHMENT CHAIN

4.000" PITCH C2160H AND C2162H DIMENSIONS

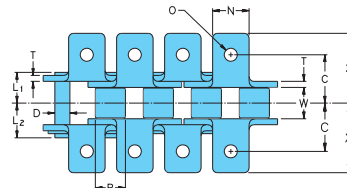
	C	C ₁	C ₂	K	N	O	O ₁	S	X	X ₂	X _S	L ₃	L ₄	Additional Weight Per Attachment (lbs.)
A-1	2.062	-	-	-	3.000	.516	-	1.437	3.060	2.780	-	-	-	.476
A-2	2.062	-	-	1.500	3.000	.516	-	1.437	3.060	2.780	-	-	-	.476
K-1	2.062	-	-	-	3.000	.516	-	1.437	3.060	2.780	-	-	-	.952
K-2	2.062	-	-	1.500	3.000	.516	-	1.437	3.060	2.780	-	-	-	.952
SA-1	-	1.750	-	-	3.000	-	.771	-	-	-	3.093	-	-	.476
SA-2	-	-	2.000	1.500	3.000	.516	-	-	-	-	3.093	-	-	.476
SK-1	-	1.750	-	-	3.000	-	.771	-	-	-	3.093	-	-	.952
SK-2	-	-	2.000	1.500	3.000	.516	-	-	-	-	3.093	-	-	.952
D-1	-	-	-	-	-	-	-	-	-	-	-	1.500	2.718	.099
D-3	-	-	-	-	-	-	-	-	-	-	-	1.500	2.718	.198

All dimensions are in inches unless otherwise indicated.

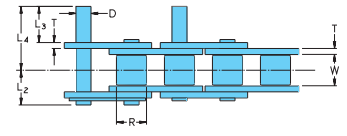
BS/DIN Attachment Chains



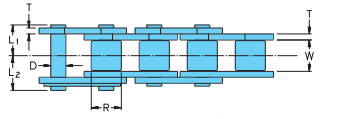
A-1 Attachment



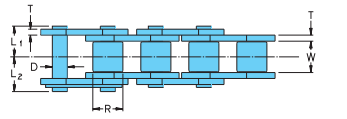
K-1 Attachment



D-1 Attachment



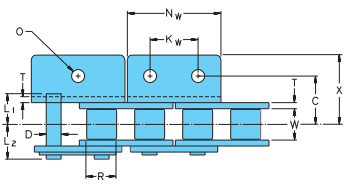
SA-1 Attachment



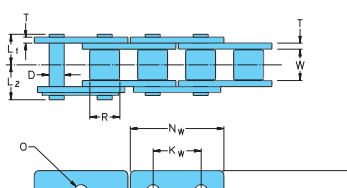
SK-1 Attachment



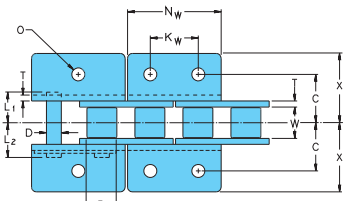
D-3 Attachment



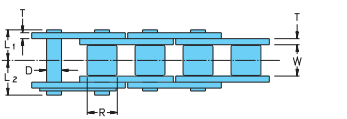
WA-1, WA-2 Attachment



WSA-1, WSA-2 Attachment



WK-1, WK-2 Attachment



WSK-1, WSK-2 Attachment

BS/DIN ATTACHMENT CHAIN DIMENSIONS

Chain Number	ISO "B" Number	Pitch P	Width Between		Roller Diameter R	Pin			Offset Pin		Link Plate			Approximate Weight (lbs./ft.)
			Roller	Link Plates W		D	L ₁	L ₂	L	h	H	t	T	
RS08B	08B	.500		0.305	.335	0.175	0.328	0.395	0.724	0.429	0.464	0.060	0.060	0.50

BS/DIN ATTACHMENT CHAIN SERIES

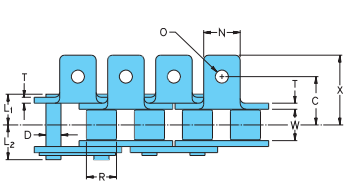
.500" PITCH RS08B

DIMENSIONS

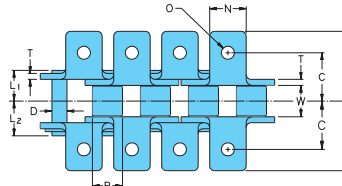
	C	C ₁	N	O	S	X	X _S	L ₃	L ₄	N _W	K _W	Additional Weight Per Attachment (lbs.)
A-1	0.468	-	0.448	0.165	0.350	0.750	-	-	-	-	-	.004
K-1	0.468	-	0.448	0.165	0.350	0.750	-	-	-	-	-	.008
SA-1	-	0.500	0.448	0.165	-	-	0.759	-	-	-	-	.004
SK-1	-	0.500	0.448	0.165	-	-	0.759	-	-	-	-	.008
D-1	-	-	-	-	-	-	-	0.374	0.667	-	-	.002
D-3	-	-	-	-	-	-	-	0.374	0.667	-	-	.004
WA-1	0.500	-	-	0.192	0.350	0.799	-	-	-	0.968	0.500	.007
WA-2	0.500	-	-	0.192	0.350	0.799	-	-	-	0.968	0.500	.007
WSA-1	-	0.515	-	0.192	-	-	0.814	-	-	0.968	0.500	.007
WSA-2	-	0.515	-	0.192	-	-	0.814	-	-	0.968	0.500	.007
WK-1	0.500	-	-	0.192	0.350	0.799	-	-	-	0.968	0.500	.014
WK-2	0.500	-	-	0.192	0.350	0.799	-	-	-	0.968	0.500	.014
WSK-1	-	0.515	-	0.192	-	-	0.814	-	-	0.968	0.500	.014
WSK-2	-	0.515	-	0.192	-	-	0.814	-	-	0.968	0.500	.014

All dimensions are in inches unless otherwise indicated.

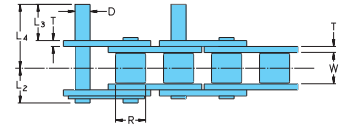
BS/DIN Attachment Chains



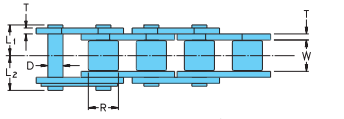
A-1 Attachment



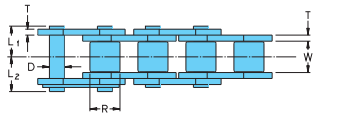
K-1 Attachment



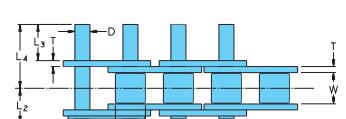
D-1 Attachment



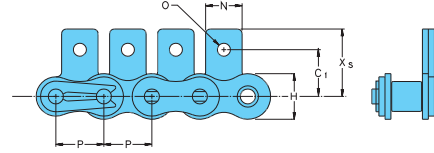
SA-1 Attachment



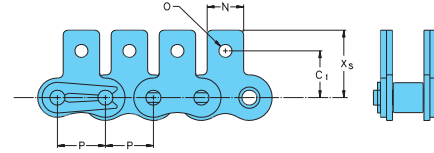
SK-1 Attachment



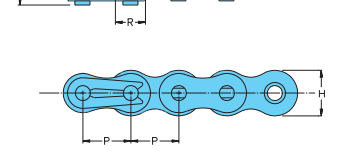
D-3 Attachment



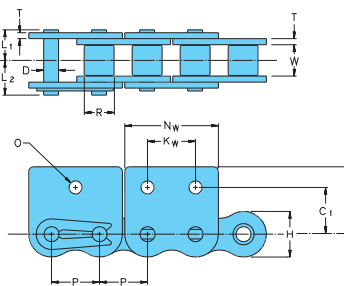
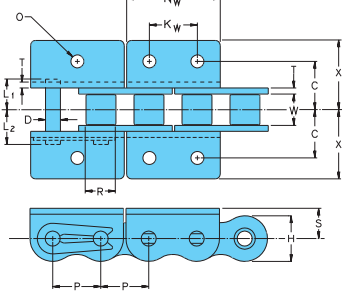
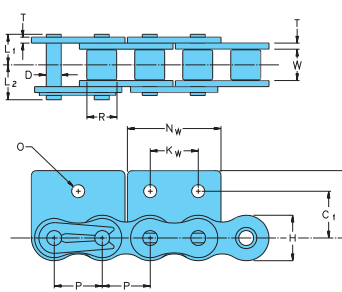
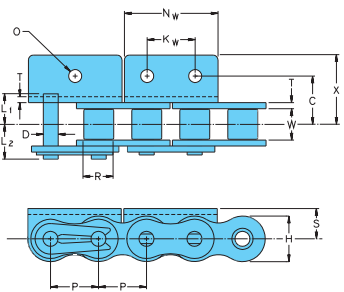
WA-1, WA-2 Attachment



WSA-1, WSA-2 Attachment



WK-1, WK-2 Attachment



WSK-1, WSK-2 Attachment

BS/DIN ATTACHMENT CHAIN DIMENSIONS

Chain Number	ISO "B" Number	Pitch P	Width Between		Roller Diameter R	Pin			Offset Pin		Link Plate			Approximate Weight (lbs./ft.)
			Roller	Link Plates W		D	L ₁	L ₂	L	h	H	t	T	
RS10B	10B	.625		0.379	.400	0.200	0.370	0.448	0.830	0.539	0.578	0.060	0.060	0.68

BS/DIN ATTACHMENT CHAIN SERIES

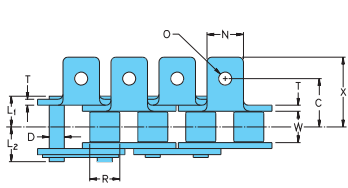
.625" PITCH RS10B

DIMENSIONS

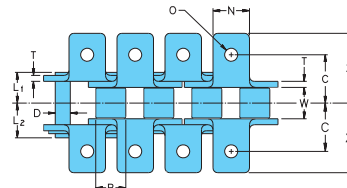
	C	C ₁	N	O	S	X	X _S	L ₃	L ₄	N _W	K _W	Additional Weight Per Attachment (lbs.)
A-1	0.625	-	0.500	0.196	0.401	0.875	-	-	-	-	-	.007
K-1	0.625	-	0.500	0.196	0.401	0.875	-	-	-	-	-	.013
SA-1	-	0.625	0.500	0.196	-	-	0.901	-	-	-	-	.007
SK-1	-	0.625	0.500	0.196	-	-	0.901	-	-	-	-	.013
D-1	-	-	-	-	-	-	-	0.468	0.799	-	-	.004
D-3	-	-	-	-	-	-	-	0.468	0.799	-	-	.008
WA-1	0.625	-	-	0.196	0.401	0.899	-	-	-	1.181	0.625	.015
WA-2	0.625	-	-	0.196	0.401	0.899	-	-	-	1.181	0.625	.015
WSA-1	-	0.653	-	0.196	-	-	0.929	-	-	1.181	0.625	.015
WSA-2	-	0.653	-	0.196	-	-	0.929	-	-	1.181	0.625	.015
WK-1	0.625	-	-	0.196	0.401	0.899	-	-	-	1.181	0.625	.030
WK-2	0.625	-	-	0.196	0.401	0.899	-	-	-	1.181	0.625	.030
WSK-1	-	0.653	-	0.196	-	-	0.929	-	-	1.181	0.625	.030
WSK-2	-	0.653	-	0.196	-	-	0.929	-	-	1.181	0.625	.030

All dimensions are in inches unless otherwise indicated.

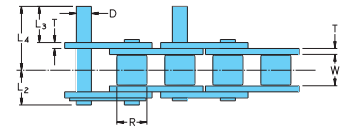
BS/DIN Attachment Chains



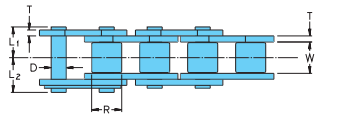
A-1 Attachment



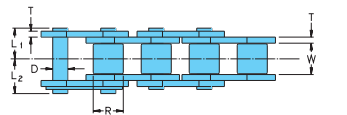
K-1 Attachment



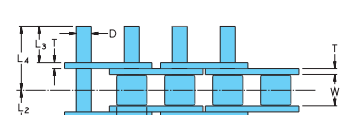
D-1 Attachment



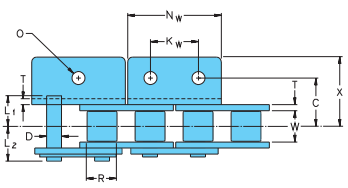
SA-1 Attachment



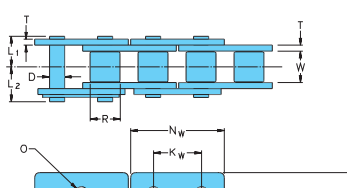
SK-1 Attachment



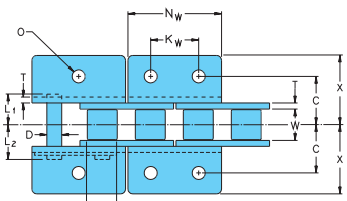
D-3 Attachment



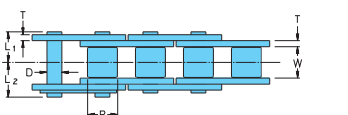
WA-1, WA-2 Attachment



WSA-1, WSA-2 Attachment



WK-1, WK-2 Attachment



WSK-1, WSK-2 Attachment

BS/DIN ATTACHMENT CHAIN DIMENSIONS

Chain Number	ISO "B" Number	Pitch P	Width Between		Roller Diameter R	Pin			Offset Pin		Link Plate		Approximate Weight (lbs./ft.)	
			Roller W	Link Plates W		D	L ₁	L ₂	L	h	H	t		T
RS12B	12B	.750	0.459	0.459	.475	0.225	0.433	0.519	0.976	0.633	0.633	0.070	0.070	0.90

BS/DIN ATTACHMENT CHAIN SERIES

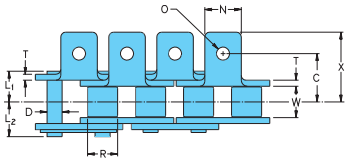
.750" PITCH RS12B

DIMENSIONS

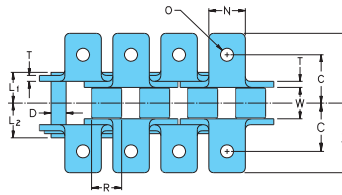
	C	C ₁	N	O	S	X	X _S	L ₃	L ₄	N _W	K _W	Additional Weight Per Attachment (lbs.)
A-1	0.750	-	0.649	0.279	0.531	1.175	-	-	-	-	-	.015
K-1	0.750	-	0.649	0.279	0.531	1.175	-	-	-	-	-	.030
SA-1	-	0.874	0.649	0.279	-	-	1.271	-	-	-	-	.015
SK-1	-	0.874	0.649	0.279	-	-	1.271	-	-	-	-	.030
D-1	-	-	-	-	-	-	-	0.562	0.956	-	-	.007
D-3	-	-	-	-	-	-	-	0.562	0.956	-	-	.014
WA-1	0.687	-	-	0.216	0.448	1.009	-	-	-	1.370	0.751	.026
WA-2	0.687	-	-	0.216	0.448	1.009	-	-	-	1.370	0.751	.026
WSA-1	-	0.692	-	0.216	-	-	1.015	-	-	1.370	0.751	.026
WSA-2	-	0.692	-	0.216	-	-	1.015	-	-	1.370	0.751	.026
WK-1	0.687	-	-	0.216	0.448	1.009	-	-	-	1.370	0.751	.052
WK-2	0.687	-	-	0.216	0.448	1.009	-	-	-	1.370	0.751	.052
WSK-1	-	0.692	-	0.216	-	-	1.015	-	-	1.370	0.751	.052
WSK-2	-	0.692	-	0.216	-	-	1.015	-	-	1.370	0.751	.052

All dimensions are in inches unless otherwise indicated.

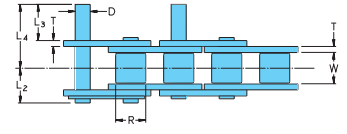
BS/DIN Attachment Chains



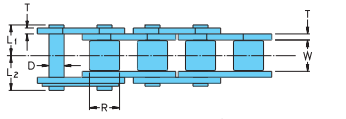
A-1 Attachment



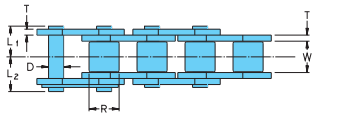
K-1 Attachment



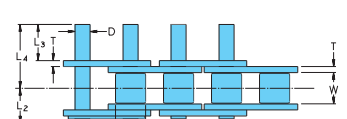
D-1 Attachment



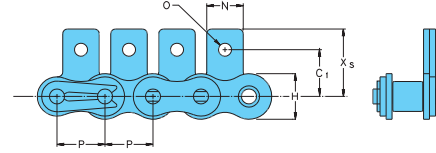
SA-1 Attachment



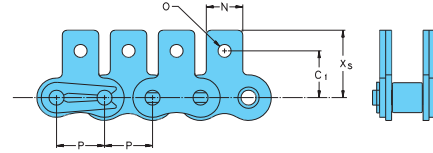
SK-1 Attachment



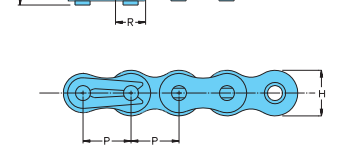
D-3 Attachment



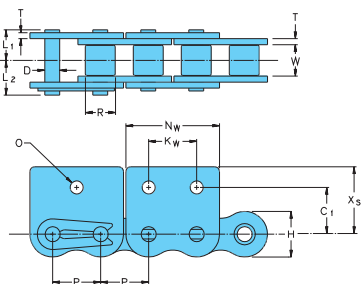
WA-1, WA-2 Attachment



WSA-1, WSA-2 Attachment



WK-1, WK-2 Attachment



WSK-1, WSK-2 Attachment

BS/DIN ATTACHMENT CHAIN DIMENSIONS

Chain Number	ISO "B" Number	Pitch P	Width Between Roller Link Plates		Roller Diameter R	Pin			Offset Pin L	Link Plate			Approximate Weight (lbs./ft.)	
			W			D	L ₁	L ₂		h	H	t		T
RS16B	16B	1.000	0.670		.625	0.325	0.704	0.783	1.531	0.826	0.826	0.125	0.156	1.90

BS/DIN ATTACHMENT CHAIN SERIES

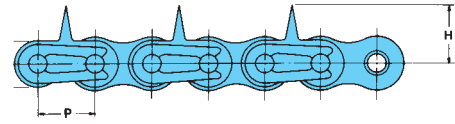
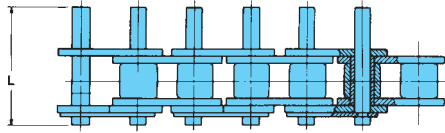
1.000" PITCH RS16B

DIMENSIONS

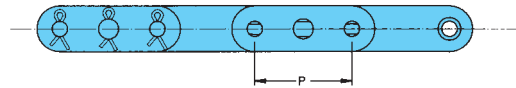
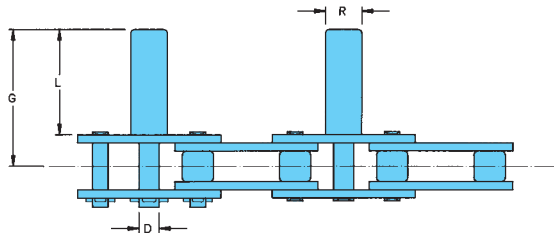
	C	C ₁	N	O	S	X	X _S	L ₃	L ₄	N _W	K _W	Additional Weight Per Attachment (lbs.)
A-1	0.937	-	0.948	0.263	0.598	1.470	-	-	-	-	-	.029
K-1	0.937	-	0.948	0.263	0.598	1.470	-	-	-	-	-	.057
SA-1	-	0.937	0.948	0.263	-	-	1.358	-	-	-	-	.029
SK-1	-	0.937	0.948	0.263	-	-	1.358	-	-	-	-	.057
D-1	-	-	-	-	-	-	-	0.751	1.389	-	-	.015
D-3	-	-	-	-	-	-	-	0.751	1.389	-	-	.030
WA-1	1.125	-	-	0.318	0.625	1.545	-	-	-	1.811	1.000	.062
WA-2	1.125	-	-	0.318	0.625	1.545	-	-	-	1.811	1.000	.062
WSA-1	-	1.023	-	0.318	-	-	1.444	-	-	1.811	1.000	.062
WSA-2	-	1.023	-	0.318	-	-	1.444	-	-	1.811	1.000	.062
WK-1	1.125	-	-	0.318	0.625	1.545	-	-	-	1.811	1.000	.124
WK-2	1.125	-	-	0.318	0.625	1.545	-	-	-	1.811	1.000	.124
WSK-1	-	1.023	-	0.318	-	-	1.444	-	-	1.811	1.000	.124
WSK-2	-	1.023	-	0.318	-	-	1.444	-	-	1.811	1.000	.124

All dimensions are in inches unless otherwise indicated.

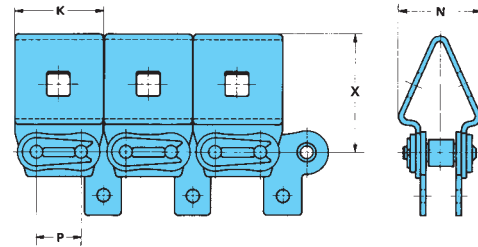
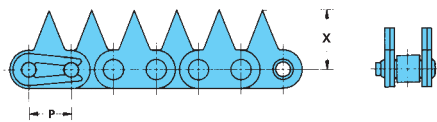
Stock Specialty Attachment Chains



U.S. TSUBAKI Description	Pitch P	L	H	Approximate Weight (lbs./ft.)
50 SPIKE CHAIN	.625	1.298	.688	0.8

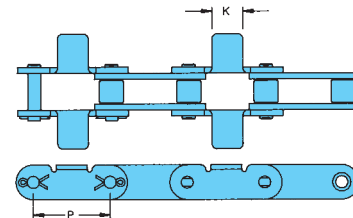
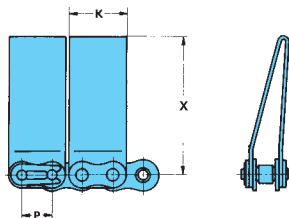


U.S. TSUBAKI Description	Pitch P	R	L	G	D	Approximate Weight (lbs./ft.)
C2060H RIV with D-5 on Pin Link - 1/2-inch pin	1.500	.500	1.625	2.140	.313	1.2
C2060H RIV with D-5 on Pin Link - 9/16-inch pin	1.500	.563	1.625	2.140	.313	1.2



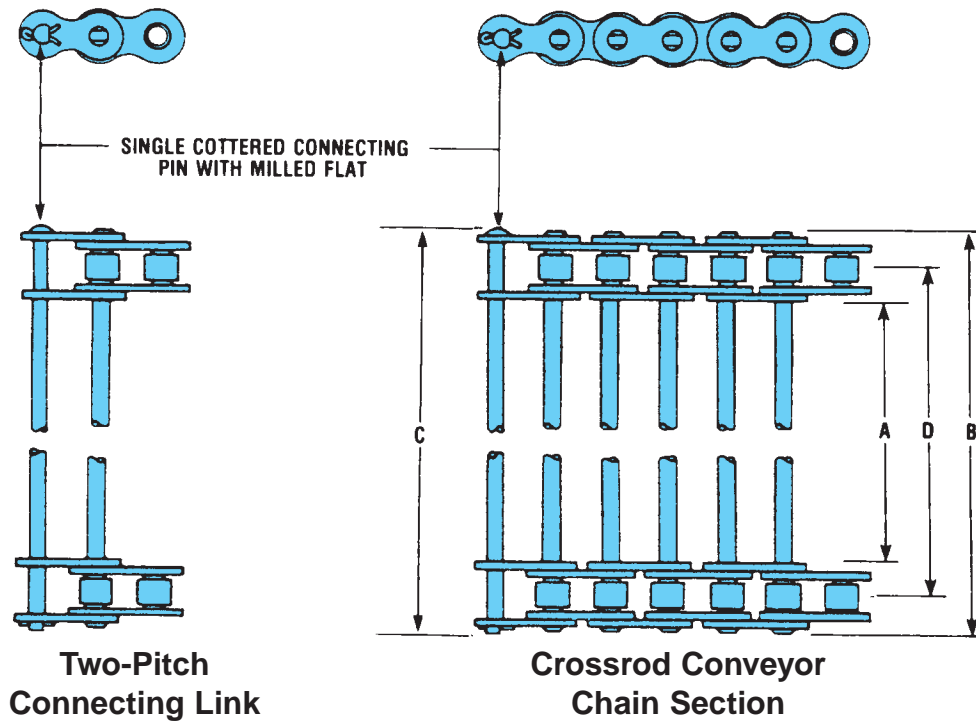
U.S. TSUBAKI Description	Pitch P	X	Approximate Weight (lbs./ft.)
40 SS STICKER (304)	.500	.685	0.5

U.S. TSUBAKI Description	Pitch P	X	K	N	Approximate Weight (lbs./ft.)
40 BINDERY	.500	1.354	.988	.858	1.2



U.S. TSUBAKI Description	Pitch P	X	K	Approximate Weight (lbs./ft.)
40 SS TENT 1"	.500	.813	.900	0.8
40 SS TENT 2.5"	.500	2.250	.900	0.9

U.S. TSUBAKI Description	Pitch P	K	Approximate Weight (lbs./ft.)
C2050CU RIV with special K-0	1.250	.500	0.7



CROSSROD CONVEYOR CHAIN

RS 40 Chain with .500" Pitch, .156" Pin Diameter

Chain Number	Nominal Width	Plate to Plate Width A	Overall Riveted B	From Pin Head to End C	Roller C.L. to C.L. D	Approximate Weight (lbs./ft.)
P329-12	12	11.25	12.44	12.51	11.812	2.0
P329-15	15	14.25	15.44	15.51	14.812	2.6
P329-18	18	17.25	18.44	18.51	17.812	3.1
P329-21	21	20.25	21.44	21.51	20.812	3.4
P329-24	24	23.25	24.44	24.51	23.812	3.8
P329-30	30	29.25	30.44	30.51	29.812	4.7

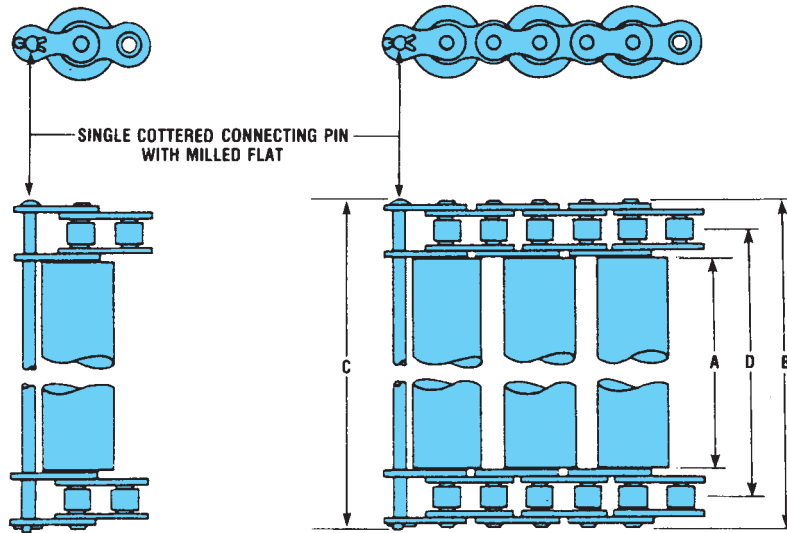
CROSSROD CONVEYOR CHAIN

RS 50 Chain with .625" Pitch, .200" Pin Diameter

Chain Number	Nominal Width	Plate to Plate Width A	Overall Riveted B	From Pin Head to End C	Roller C.L. to C.L. D	Approximate Weight (lbs./ft.)
P800-12	12	11.10	12.60	12.67	11.812	2.2
P800-15	15	14.10	15.60	15.67	14.812	2.8
P800-18	18	17.10	18.60	18.67	17.812	3.3
P800-21	21	20.10	21.60	21.67	20.812	3.6
P800-24	24	23.10	24.60	24.67	23.812	4.1
P800-30	30	29.10	30.60	30.67	29.812	4.9

All dimensions are in inches unless otherwise indicated.

STOCK SPECIALTY ATTACHMENT CHAINS



Two-Pitch Connecting Link

Live Tubular Roller
Conveyor Chain Section

LIVE TUBULAR ROLLER CHAIN

RS 40 Chain with .500" Pitch, .750" Roller Diameter

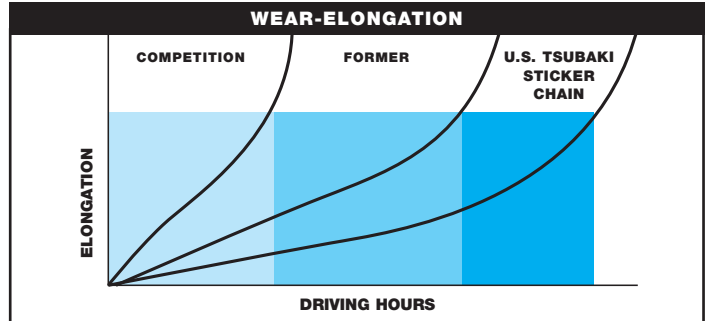
Chain Number	Nominal Width	Plate to Plate Width A	Overall Riveted B	From Pin Head to End C	Roller C.L. to C.L. D	Approximate Weight (lbs./ft.)
TP329-12	12	11.25	12.44	12.51	11.812	4.3
TP329-15	15	14.25	15.44	15.51	14.812	5.3
TP329-18	18	17.25	18.44	18.51	17.812	6.2
TP329-21	21	20.25	21.44	21.51	20.812	7.2
TP329-24	24	23.25	24.44	24.51	23.812	7.6
TP329-30	30	29.25	30.44	30.51	29.812	9.1

All dimensions are in inches unless otherwise indicated.

U.S. Tsubaki Sticker Chain Series

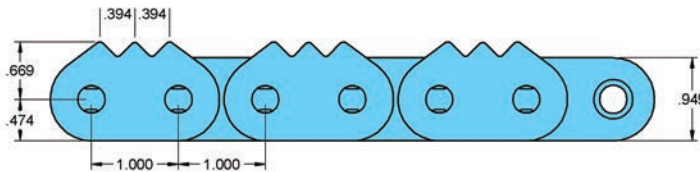
For sawmill and wood-processing applications:

- Longer Wear Life
- Superior Impact Resistance
- Built for High-Speed Drives



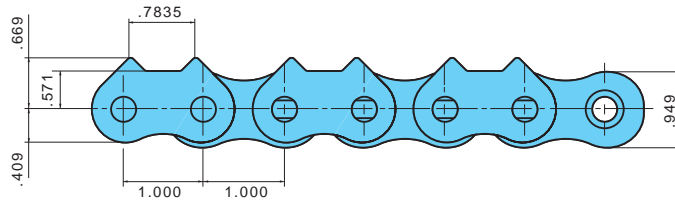
RS80

- RS80-2A
- RS80-3A
- RS80-4A



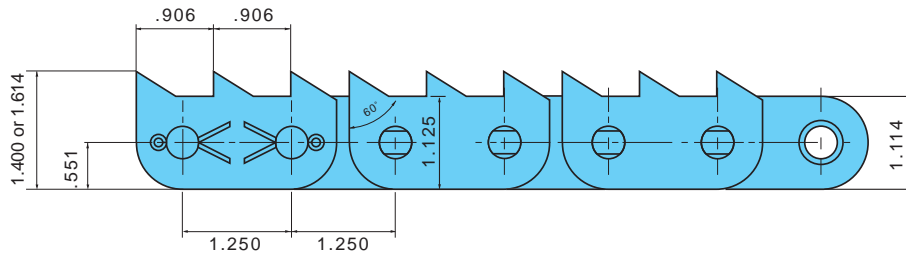
RS80

- RS80-3B



RS100

- RS100-2A (1.400")
- RS100-2B (1.614")



RS100-2 is available in two heights, 1.400" and 1.614".

Other sizes—including C2080H, RS120, and RS60—and shapes can be made to order.

All dimensions are in inches unless otherwise indicated.

Industry-Specific Attachments

Take a look at the range of attachments available from U.S. Tsubaki. We maintain a vast inventory of dies for industry-specific applications. The photos show examples of some of them, and they're arranged by industry, and numbered for easy reference.

Use the worksheet in the back of this guide to trace the shape you want, provide any specs or pertinent details, and we'll take it from there.

Packaging



1. Packaging equipment



5. Packaging equipment



9. Vacuum packaging



2. Packaging process



6. Packaging equipment



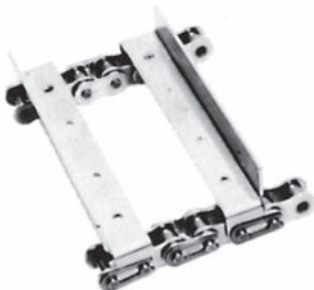
3. Conveying bottles



7. Paper packaging



10. Packaging equipment



4. Conveying cartons

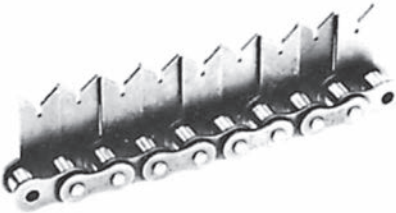


8. Conveying cartons

Electronics



11. Slat conveyor electric industry



12. Conveying electronic parts



13. Conveying capacitors



14. Conveying capacitors



15. Conveying small parts, such as miniature motors



16. Copy machinery



17. Conveying electric parts



18. Electric printed circuit boards



19. Printed circuit boards

Food Processing



20. Cane harvester



21. Confectionery machinery



22. Corn harvester machinery



23. Dairy products processing



24. Bread cooler

Food Processing

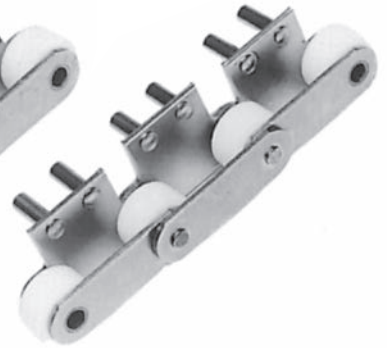
Continued



25. Vegetable processing



26. Ice cream bar processing



Meat Processing



27. Processing in poultry industry



28. Slat conveyors in the food industry



29. Poultry processing



30. Poultry processing

General Conveying



31. Special roller chain for coupling



34. Steel wire production



32. Can processing



35. Sanitary products processing



33. Roller conveyor



36. Bar conveyor

General Conveying

Continued



37. Book binding



41. Water sewage systems



46. Oven chain



38. Printing



42. Flow conveyor



47. Oven chain



39. Book binding



43. Hauling



48. Pin oven chain



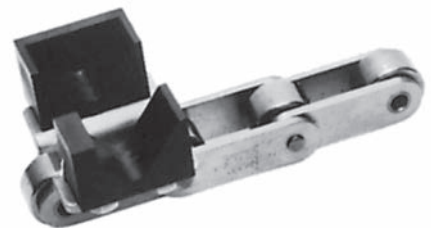
40. Printing



44. Thermoforming



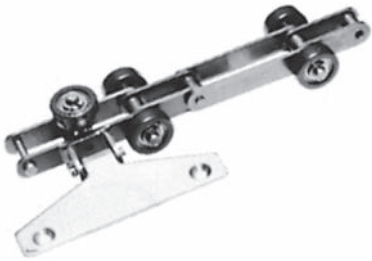
45. Conveying bottles



49. Smokehouse product processing

General Conveying

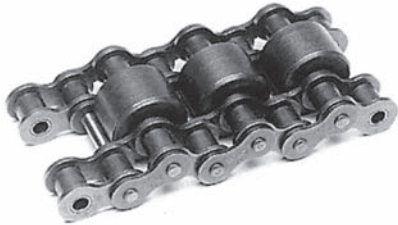
Continued



50. Mail bag vertical conveyor



53. Ice scraper



51. Free Flow conveyor



54. Conveying tin plates



52. Glass forming



55. Bottle conveyor

Sawmill/Wood Processing



56. Wood-making machinery



57. Hardboard processing



58. Plywood machinery

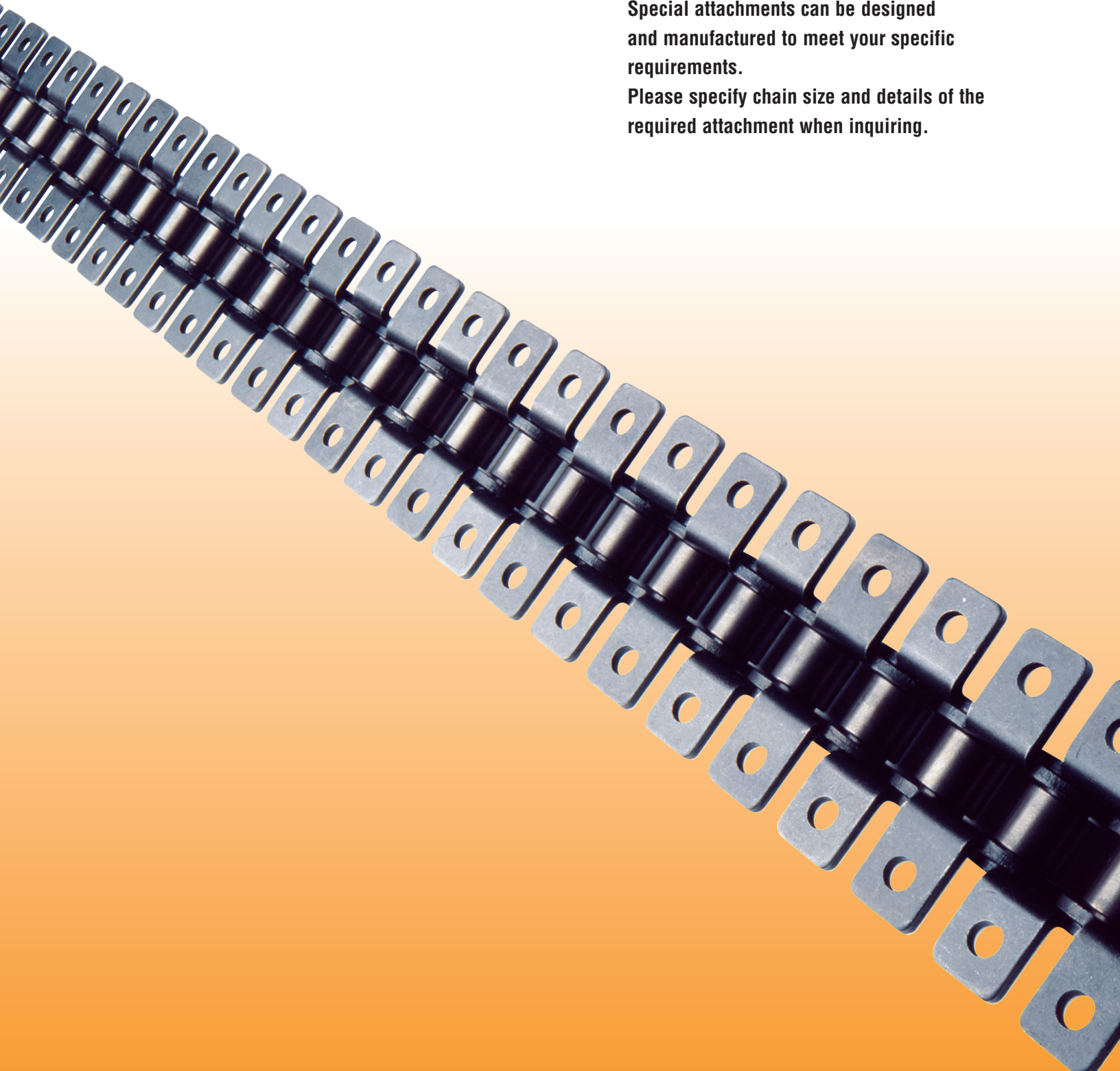


59. Plywood machinery

Put our Team to work for you!

**Special attachments can be designed
and manufactured to meet your specific
requirements.**

**Please specify chain size and details of the
required attachment when inquiring.**



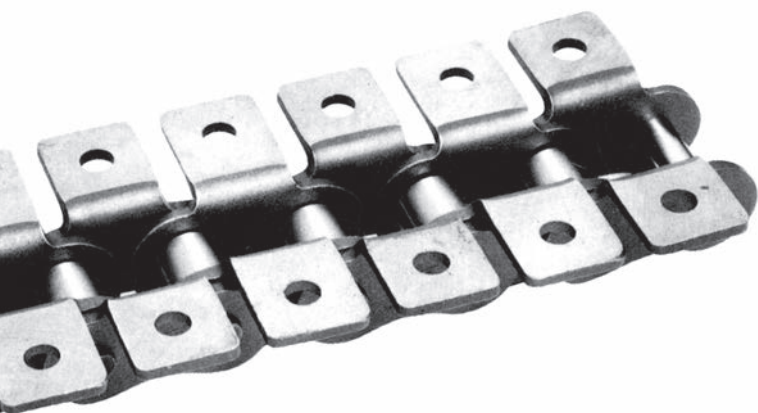
Specialty Attachments

Plus α Alpha Specialty Attachments from U.S. Tsubaki take up a wide range of conveying assignments. If your operation moves long narrow items, stores and conveys items on chains, uses slats, or has other unique requirements, consider these benefits.

- Custom engineering at a reasonable cost
- High strength
- Proven reliability
- Easy selection
- Quick delivery
- Outstanding performance

For easy and economical solutions to specialized operating conditions, use Specialty Attachments. We have already invested in the tooling, and in some cases have the components in stock. That means Specialty Attachments are available quickly and at reasonable costs.

The following pages show some of our Specialty Attachments.

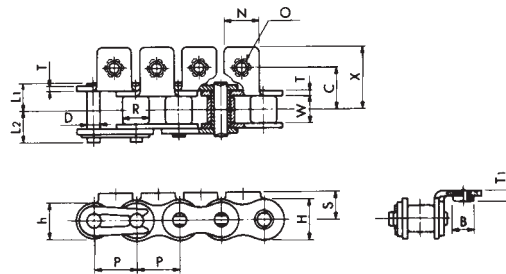


1. Chain for Easy Slat Attachment

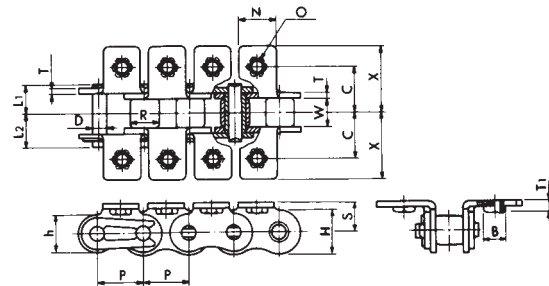
1.1 Press Nut Attachment (Chain type: NM)

This chain has an attachment with nut. Both are heat-treated to ensure sufficient strength.

A-1 with Press Nut Attachment

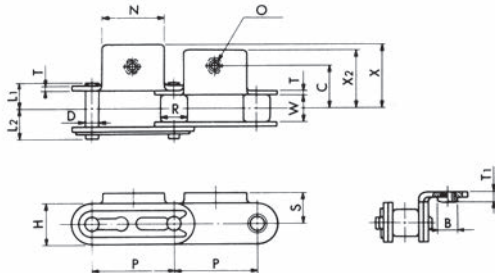


K-1 with Press Nut Attachment

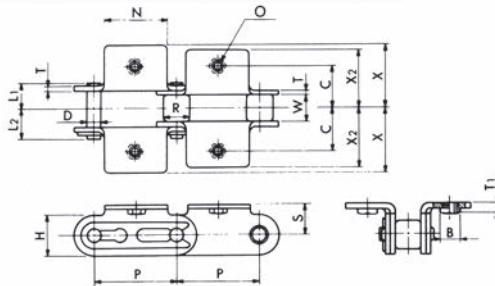


1.2 Double Pitch Press Nut Attachment

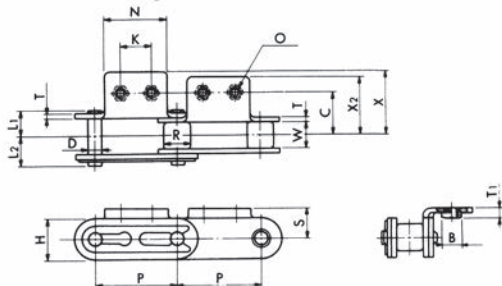
A-1 with Press Nut Attachment



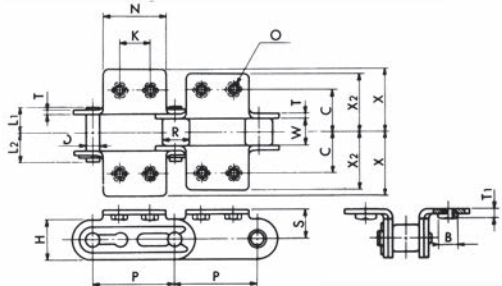
K-1 with Press Nut Attachment



A-2 with Press Nut Attachment

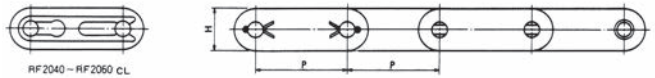
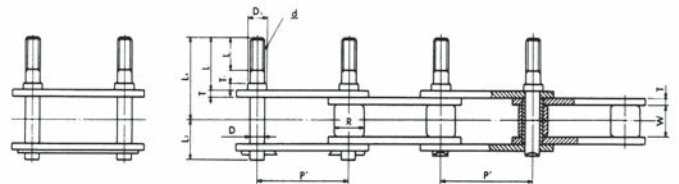
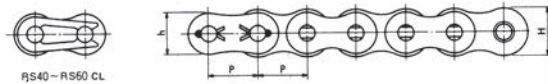
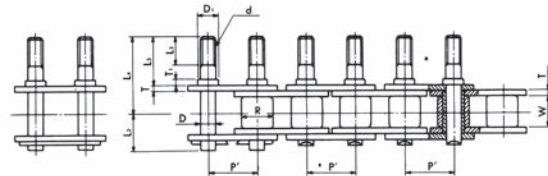


K-2 with Press Nut Attachment



1.3 Extended Pin with Thread (Chain type: EN)

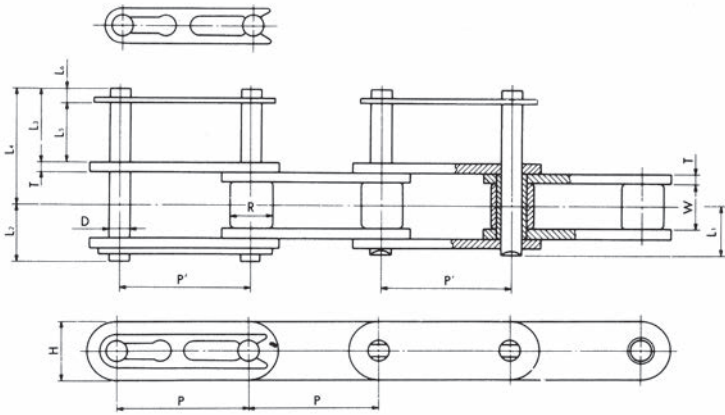
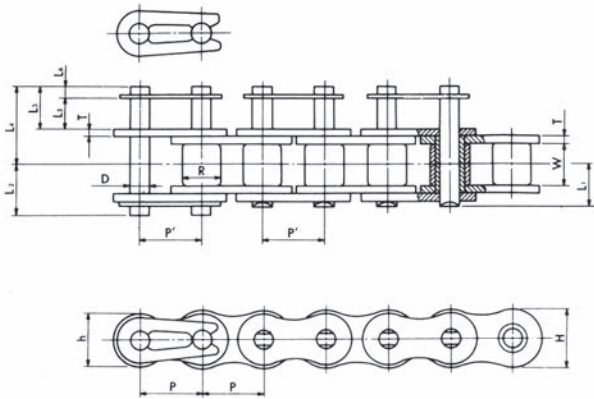
Extended pin (hardened alloy steel) has a thread for tool attachment. Attachments such as a tool attachment for two pins can only be placed on the pin link. Please indicate the precise length of P' when ordering.



Note: Dimensions and load ratings are given in the Plus α Alpha catalog (L10436).

1.4 Extended Pin with Clip (Chain type: EC)

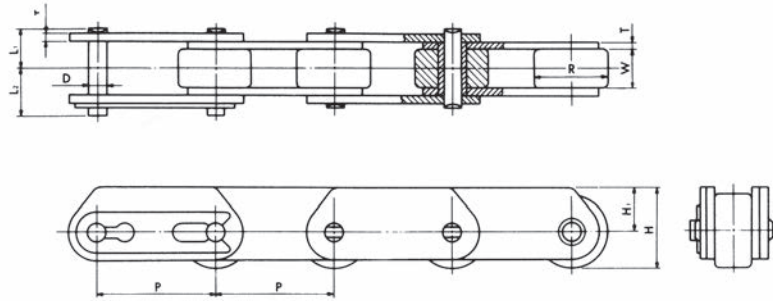
It is possible to install an attachment such as a tool attachment with a clip. Attachments such as a tool attachment for two pins can only be placed on the pin link. Please indicate the precise length of P' when ordering.



2. Convey Material Directly on Chain

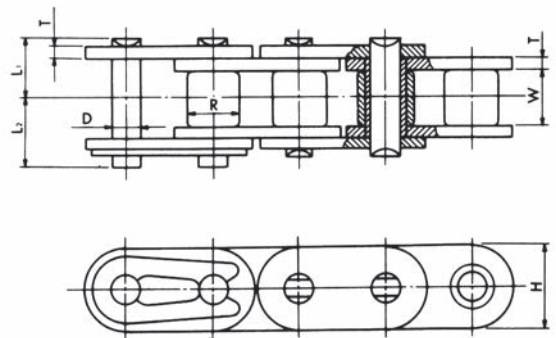
2.1 Double Pitch with Deep Link (Chain type: RFD)

This chain is based on the same dimensions as standard RF double pitch chain, but with H_1 higher than the top of the roller.



2.2 RF Type Roller Chain (Chain type: RF)

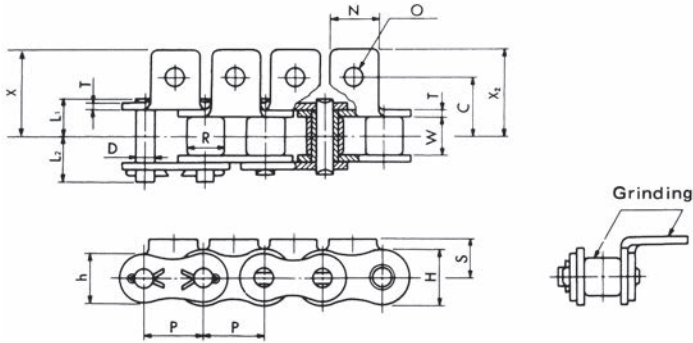
This chain has standard (small) rollers with flat shape link plates. Chain should be used with even number of pitches.



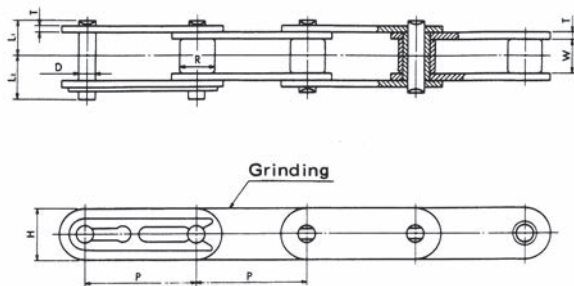
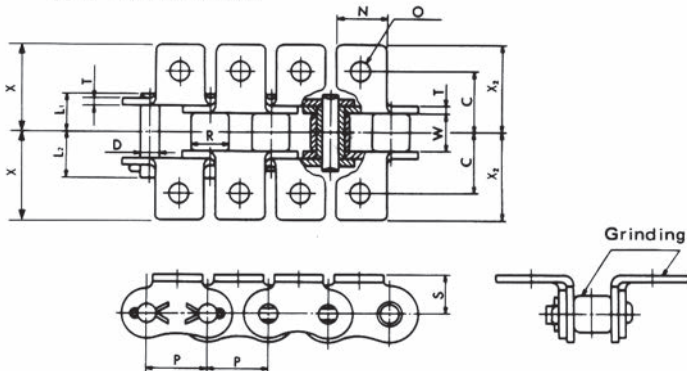
2.3 Ground Attachment (Chain type: PG)

The upper surface of the link plate has been ground to provide a smooth conveying surface and to protect the conveyed material from damage.

A-1 Attachment

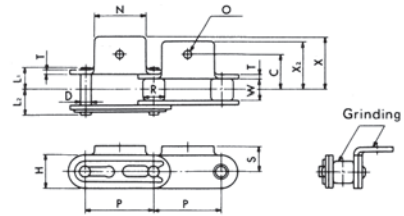


K-1 Attachment

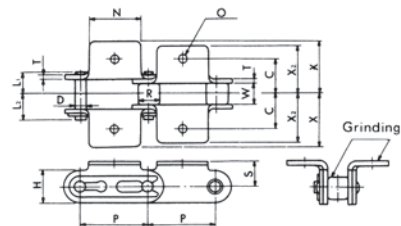


2.4 Double Pitch Ground Attachment

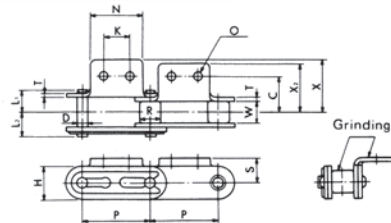
A-1 Attachment



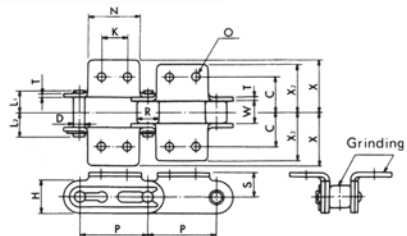
K-1 Attachment



A-2 Attachment



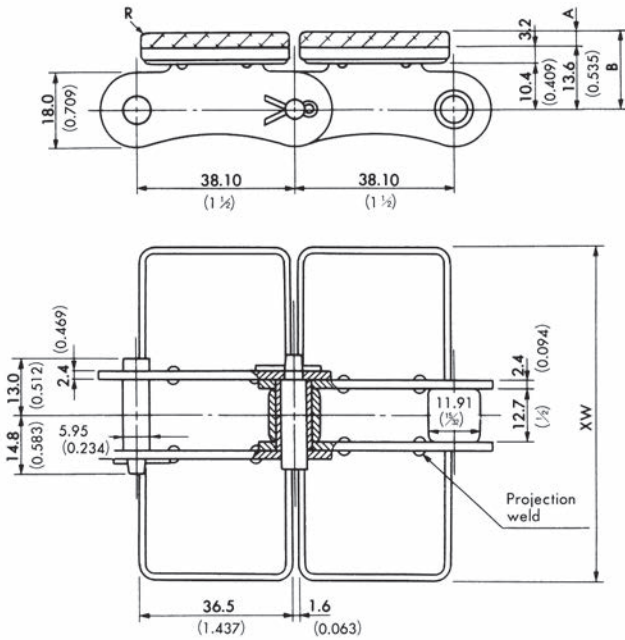
K-2 Attachment



Note: Dimensions and load ratings are given in the Plus α Alpha catalog (L10436).

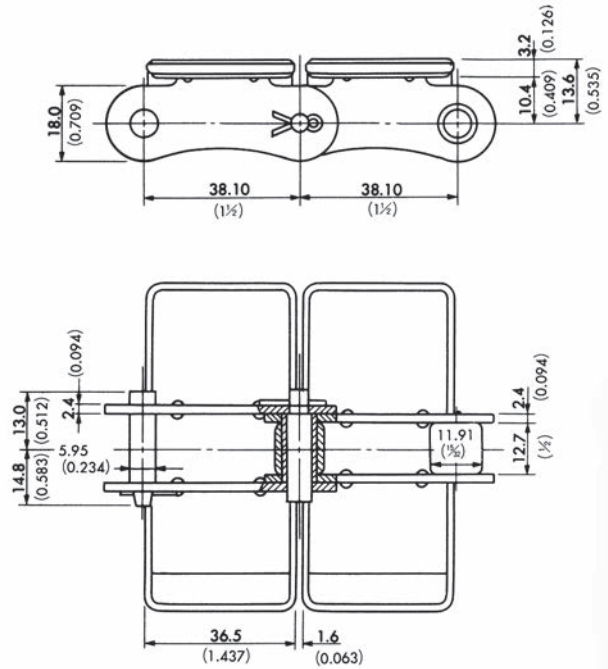
**2.5 Attachment with Heat-Fixed Rubber Pads
(Chain type: PSG)**

To prevent damage to the conveyed objects, rubber pads are heat-fixed to the top plates.



**2.6 Attachment with Heat-Treated Top Plates
(Chain type: YP)**

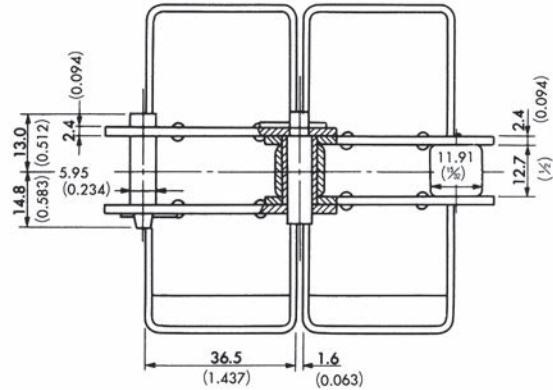
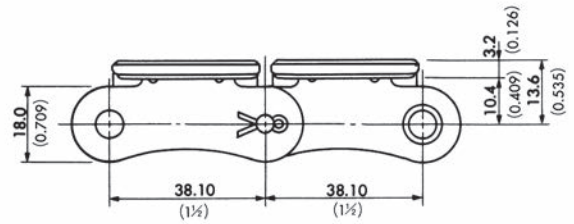
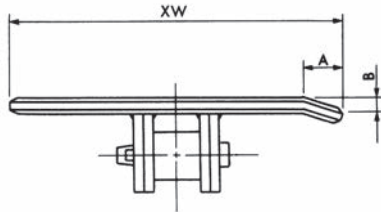
The carbon steel top plate is heat-treated for improved resistance to wear.



Dimensions: mm (inches)

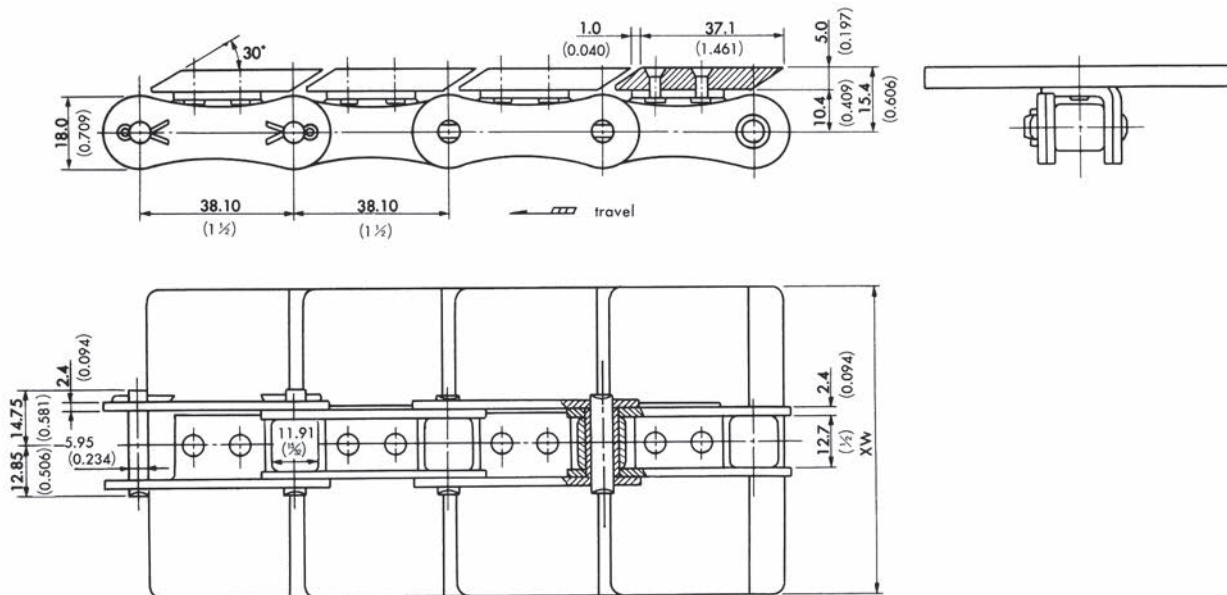
2.7 Attachment with Bent End Top Plates (Chain type: SM)

Bent end top plates allow easy sideways transfer of the conveyed objects.



2.8 Attachment with Inclined Top Plates (Chain type: CT)

The space between the top plate slats is small.



Note: Dimensions and load ratings are given in the Plus α Alpha catalog (L10436).

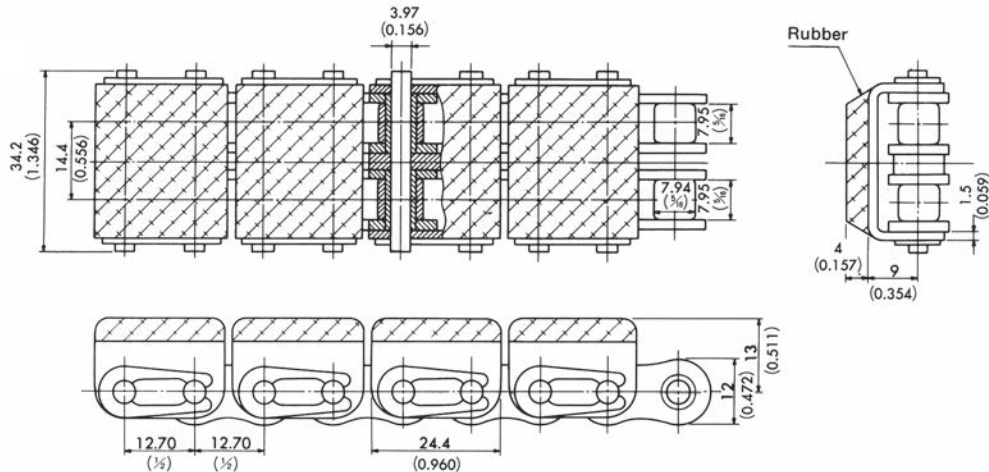
Dimensions: mm (inches)

3. Convey Material Between Chains

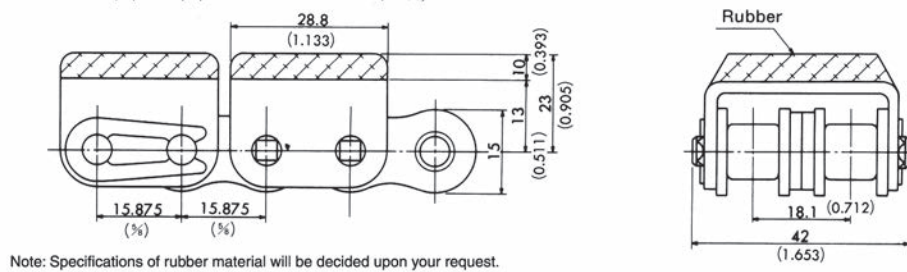
3.1 Attachment with Rubber (Chain type: RSG)

The attachment has an upper layer of rubber for smooth conveying and protection of breakable material from damage.

RS40-2



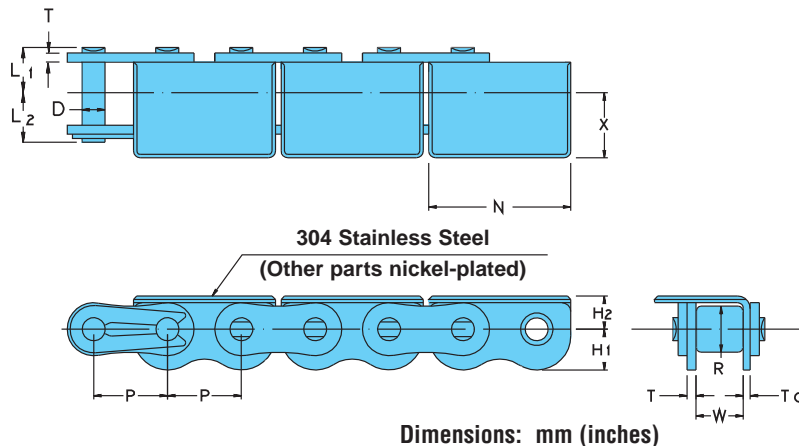
RS50-2



Note: Specifications of rubber material will be decided upon your request.

3.2 Attachment with Internally Bent Attachment (Chain type: UM)

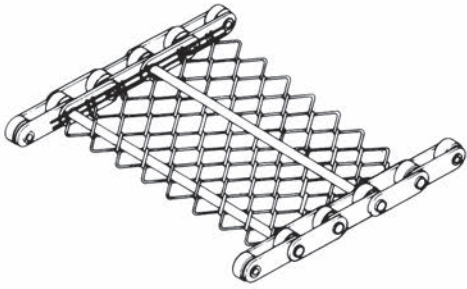
The top plates of the internally bent attachments are chamfered to protect the conveyed objects from damage.



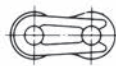
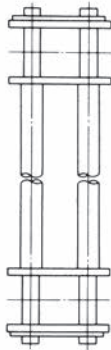
4. Wide Chains

4.1 Stay Pin (Chain type: ST)

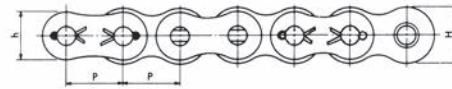
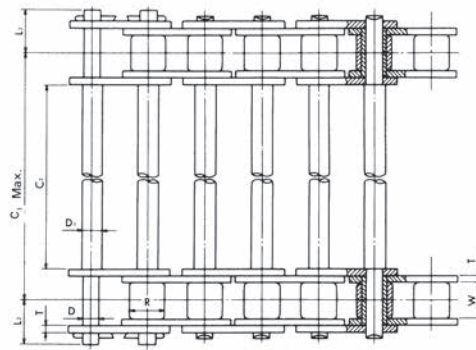
This chain is suitable for conveying on the pins.
A net can be easily installed.



RS Type



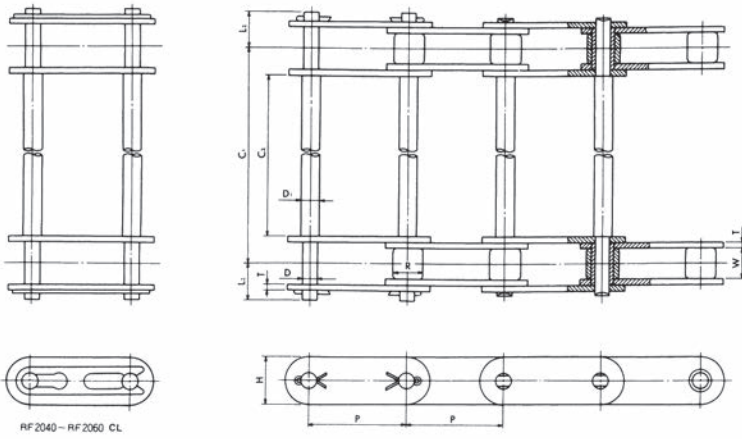
RS40 - RS50 CL



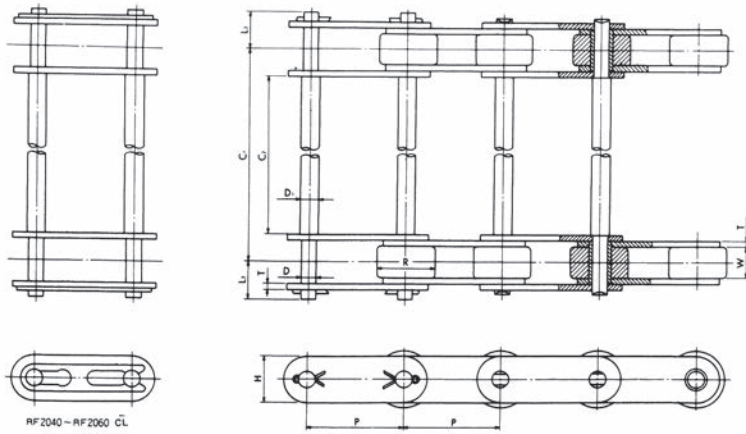
Note: Dimensions and load ratings are given in the Plus α Alpha catalog (L10436).

4.1 *Continued*

RF Standard "S" Roller Type

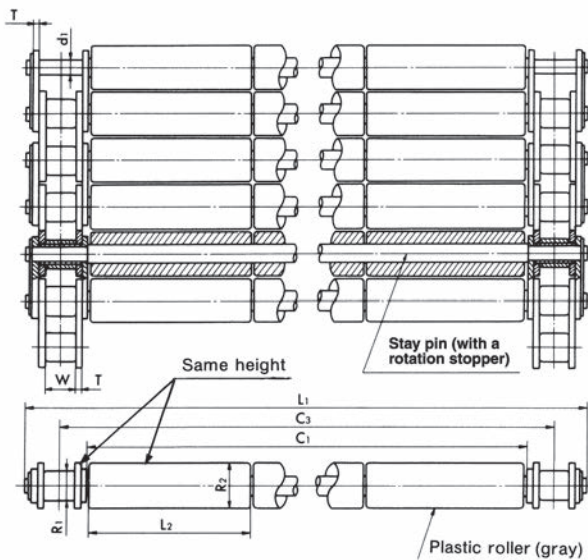
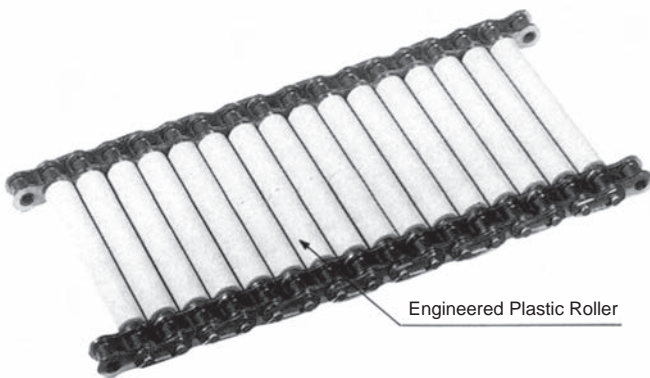


RF Oversize "R" Roller Type



4.2 Roller Table (Chain type: RT)

Plastic rollers allow accumulation of the conveyed objects. RT type has a wider plastic roller width than ST type, and it can be used for the transfer of wide objects such as pallets and cases. Line pressure is notably reduced during accumulation because of the low roll-friction coefficient of the plastic rollers (roll-friction coefficient is between 0.06 and 0.10). This low roll-friction coefficient protects the conveyed object from damage and enables smooth divergence and confluence of the conveyed objects.

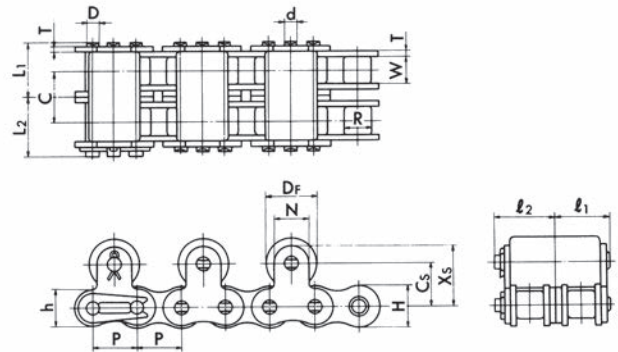


Note: Dimensions and load ratings are given in the Plus α Alpha catalog (L10436).

5. Convey Material While Storing

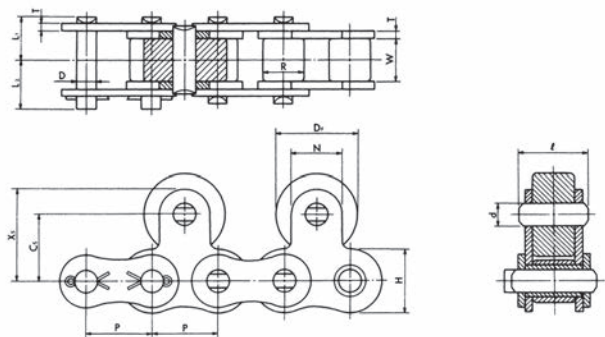
5.1 Double Strands on Top Roller (Chain type: TR)

Supporting material with top roller. Also suitable as a continuous movement chain for conveying and storing with stopping ability.



5.2 Plastic Top Roller (Chain type: PT)

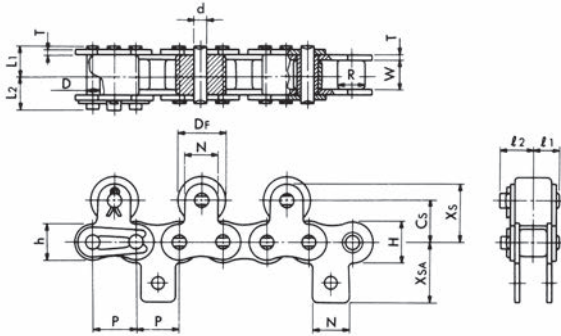
Top roller is made of plastic for smooth, quiet conveying.



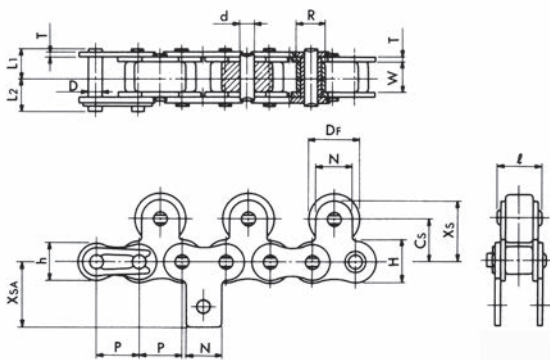
5.3 Top Roller Attachment to Prevent Chain from Tipping Over (Chain type: TG)

This chain has a guide attachment to prevent tipping or meandering of the chain.

Top Roller: PL

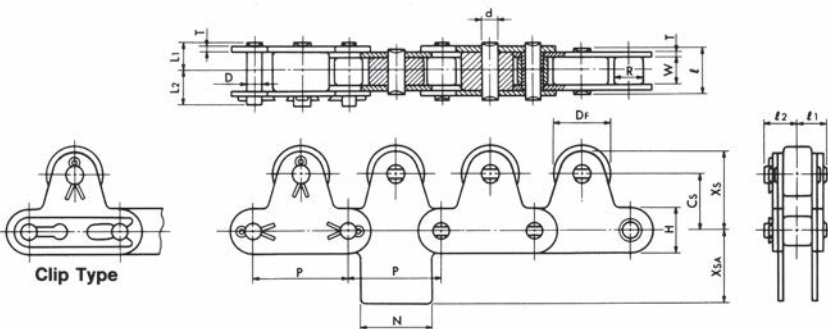
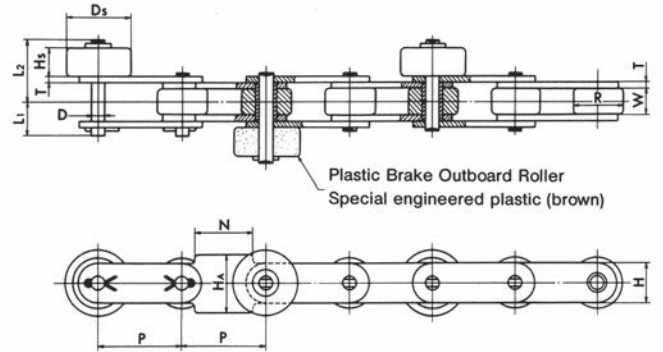


Top Roller: RL



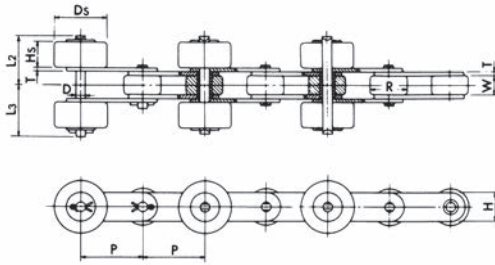
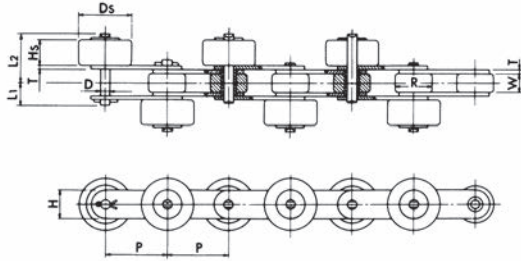
5.4 Plastic Outboard Roller and Attachment to Prevent Snaking (Chain type: SG)

Plastic outboard roller chain is used in the same way as top roller chain.



5.5 Plastic Outboard Roller and Plastic Oversize “R” Roller (Chain type: SP)

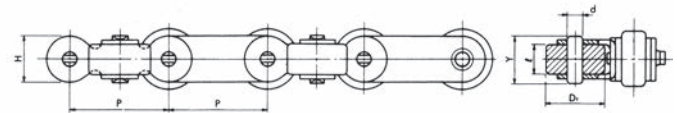
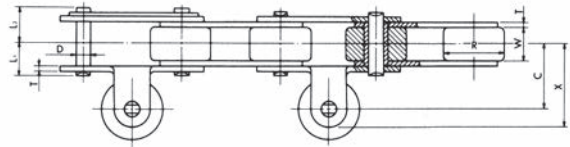
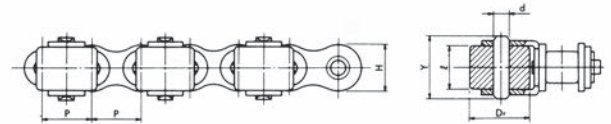
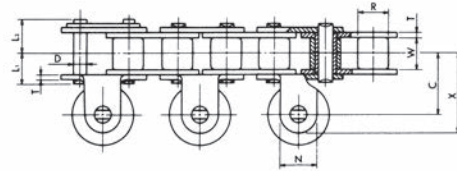
Roller is solid plastic. This chain provides light, quiet, and stable conveying with an easy return.



6. Chains for Curved Conveyor

6.1 Guide Roller (Chain type: GR)

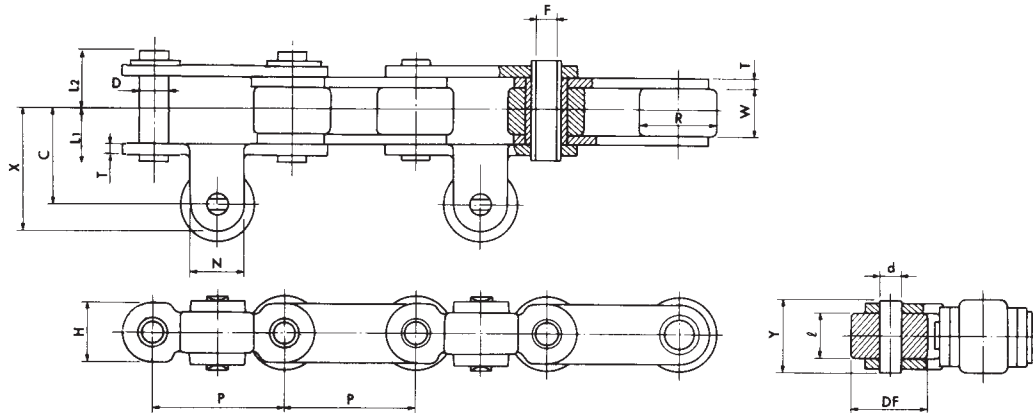
Guide roller prevents meandering and can be used as a running roller.



Note: Dimensions and load ratings are given in the Plus α Alpha catalog (L10436).

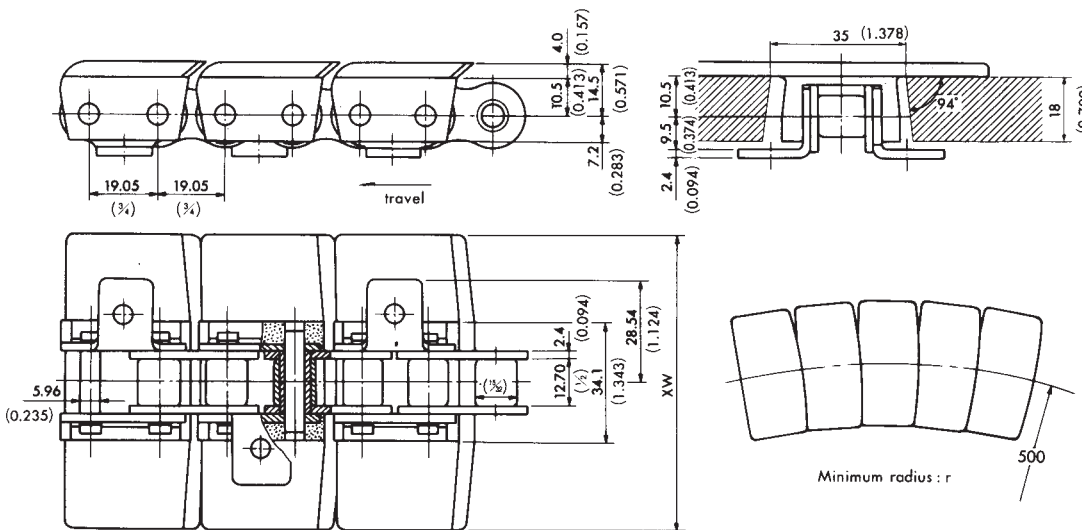
**6.2 Hollow Pin and Guide Roller
(Chain type: HP-GR)**

Fish tailing is prevented by using guide rollers, and the hollow pins allow connection of many types of attachments.
(This is not a curved chain.)



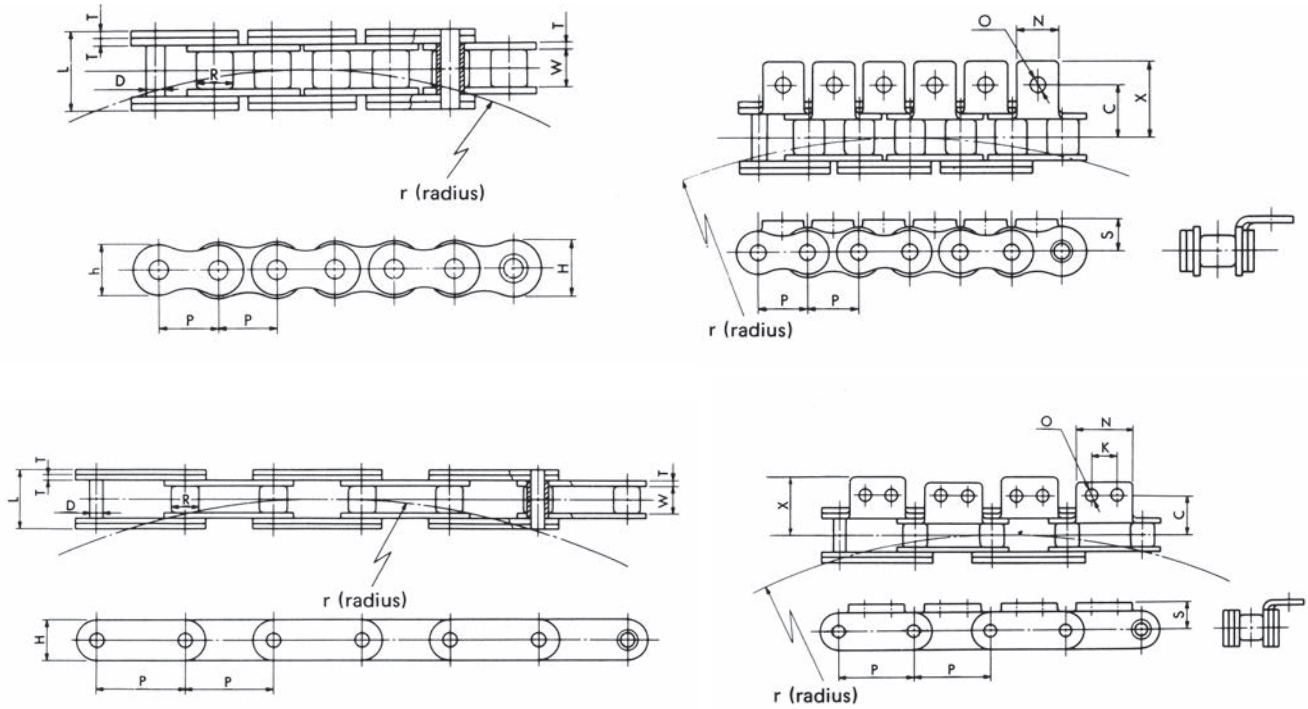
6.3 TNU Anti-Lifting Chain (Chain type: UA)

Chain lifting at the point of curvature can be reduced through the use of anti-lifting attachments.

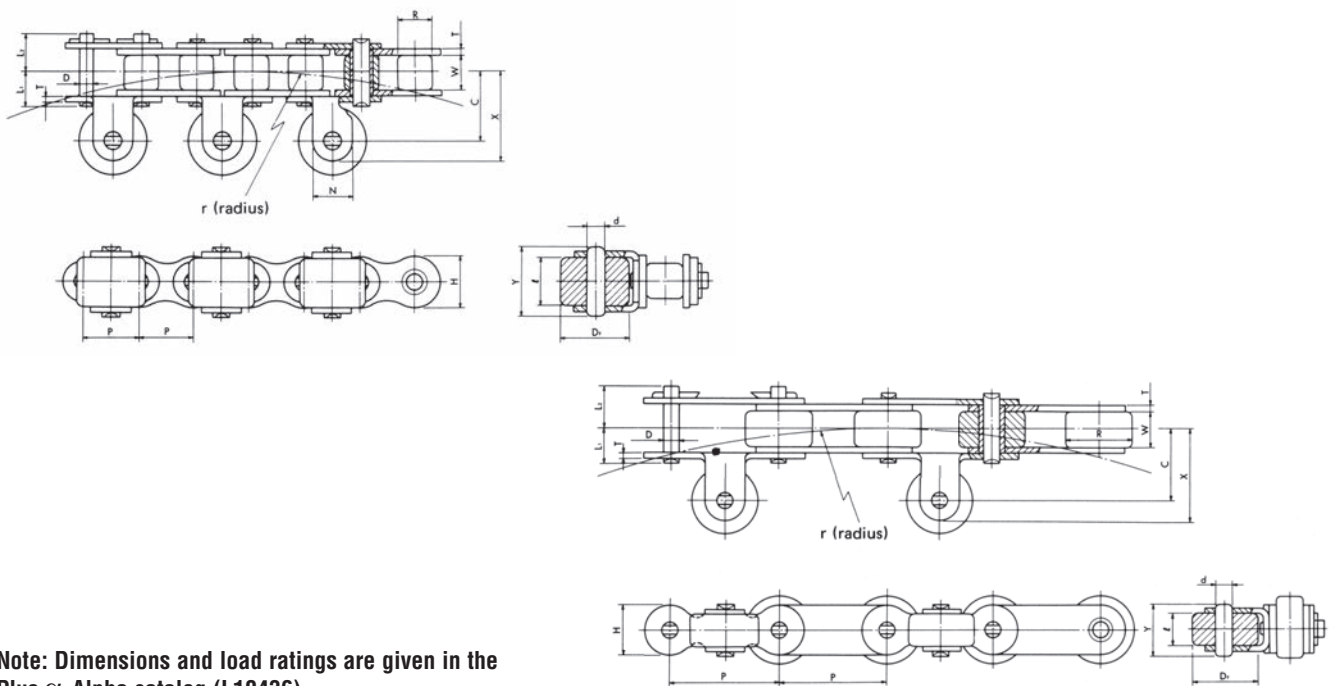


Dimensions: mm (inches)

**6.4 Curved Chains with Attachment and Wear Plate
(Chain type: GP)**



**6.5 Curved Chains with Attachment and Guide
(Chain type: GR)**

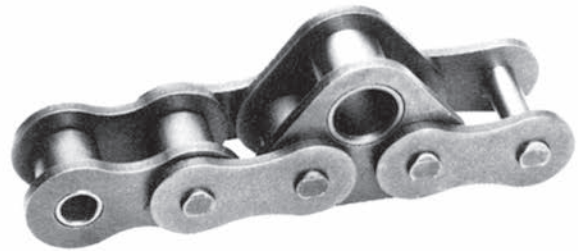


Note: Dimensions and load ratings are given in the Plus α Alpha catalog (L10436).

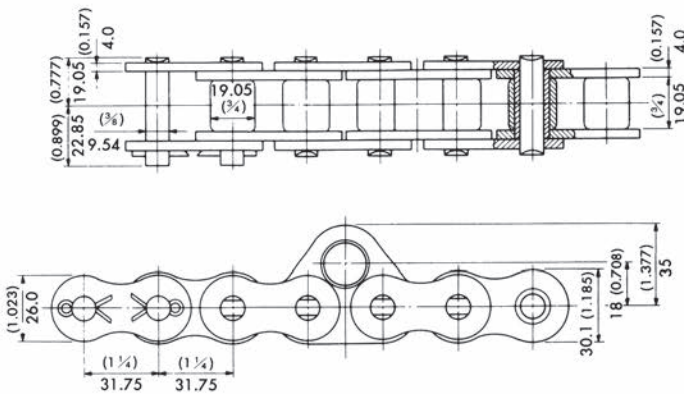
7. Support Rolling Material

7.1 Attachment with Bushing (Chain type: AB)

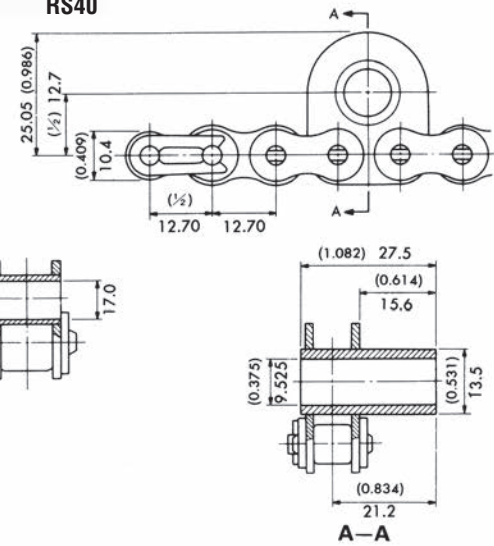
The press fit bushing in this special attachment is ideal for bearing.



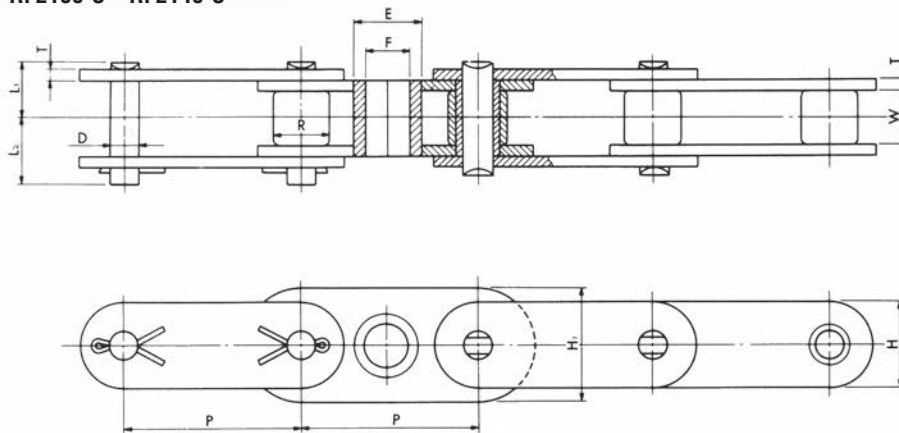
RS100



RS40



RF2100-S—RF2140-S

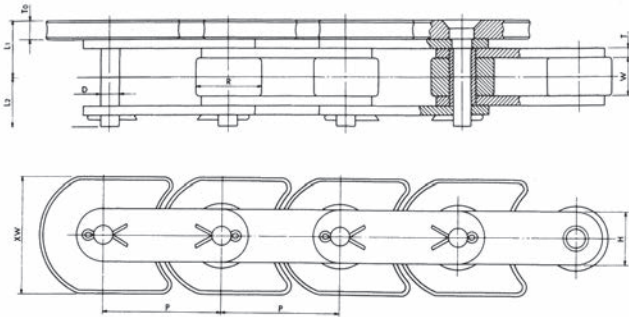


Dimensions: mm (inches)

8. Chain with Slats

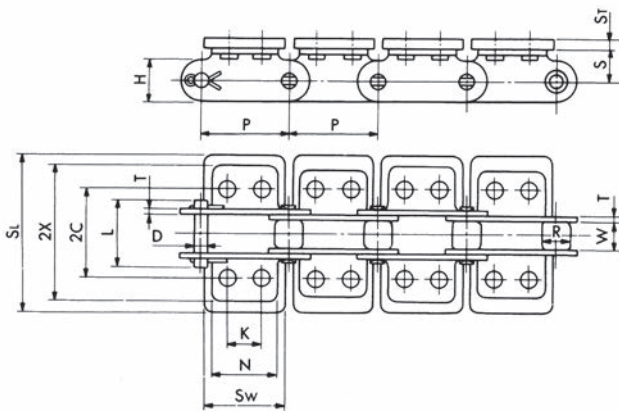
8.1 RF Double Pitch Chains with Crescent Plate (Chain type: CL)

This chain is used to convey many types of containers or materials for the bottling and canning industries.



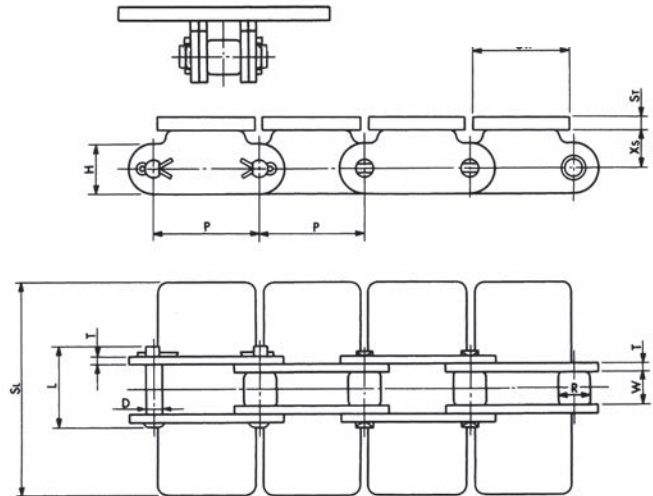
8.2 RF Double Pitch Chains with Slats - Riveted Type (Chain type: SLT)

Slats are installed on tough RF double pitch chains. Excellent for conveying relatively heavy material.



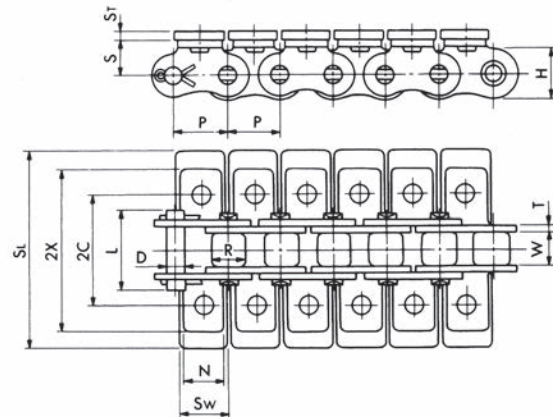
8.3 RF Double Pitch Chains with Slats - Welded Type (Chain type: SLW)

Slats are installed on RF double pitch chains. Excellent for conveying relatively heavy material.



8.4 RS Roller Chains with Slats (Chain type: SLT)

The single pitch chain with a short internally set slat is suitable for smooth conveying of small material.

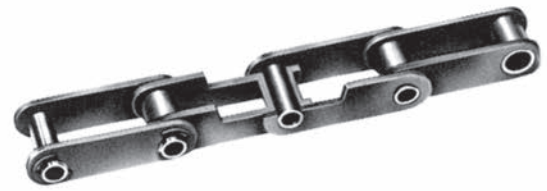


Note: Dimensions and load ratings are given in the Plus α Alpha catalog (L10436).

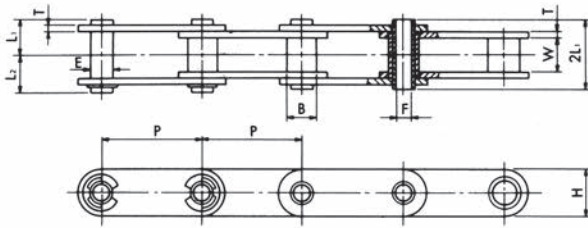
9. Special Environment

9.1 Hollow Pin Chains Made of 304 Stainless Steel Chain (Chain type: SS)

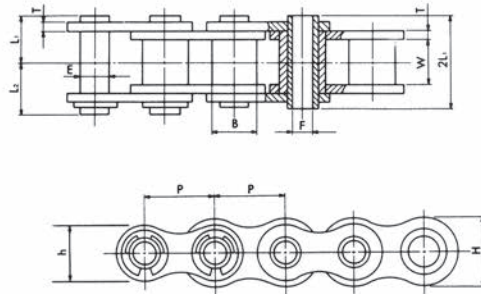
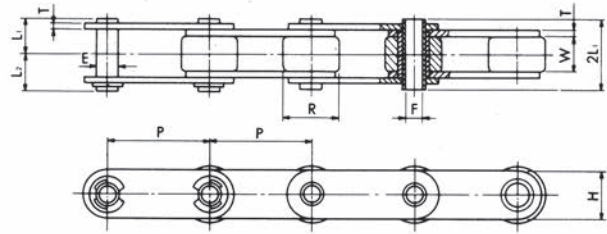
This versatile hollow pin chain is ideal for applications where chain is exposed to corrosive conditions.



RF Standard "S" Roller Type, Bushed Type

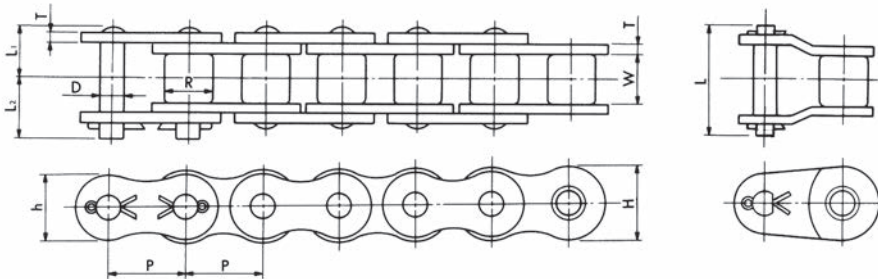


RF Oversized "R" Roller Type



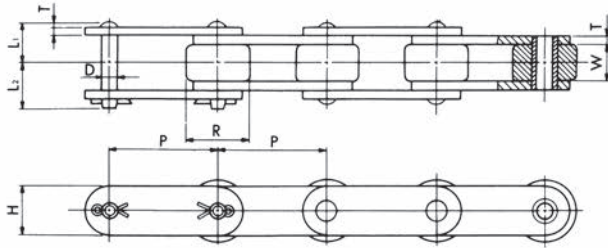
9.2 Stainless Steel Chains Made of ANSI 316 (Chain type: NS)

ANSI 316 stainless steel series chain is excellent for corrosive atmospheres. Anti-magnetism and wear-resistant properties are excellent.

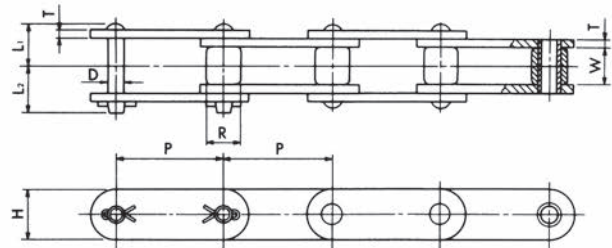


9.2 Continued

RF Standard "S" Roller Type

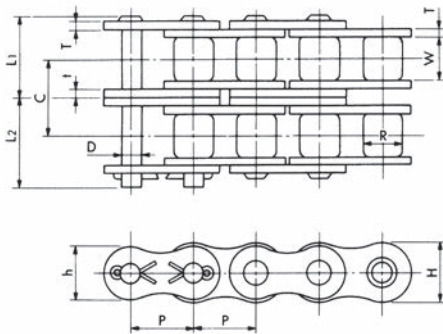


RF Oversized "R" Roller Type



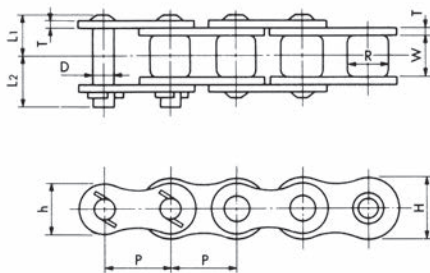
9.3 Dual Strand Stainless Steel Roller Chain (Chain type: SS)

All parts are made of 304 series stainless steel. This anti-corrosive chain is used under special conditions such as in water, acid, alkali, high temperatures (greater than 750°F), or low temperatures (less than -4°F).



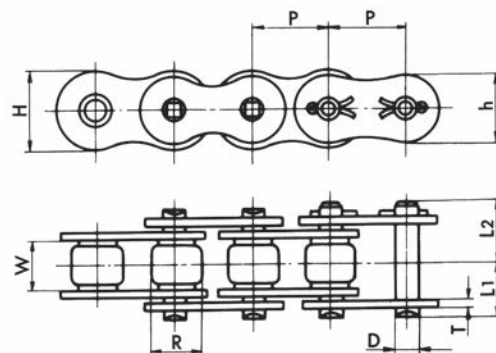
9.4 Titanium Chain (Chain type: T1)

With excellent anti-corrosive and heat-resistant properties, and light weight, this chain is superior to stainless steel chain.



9.5 Low Temperature Specification (Chain type: KT)

This chain can be used in the temperature range: -40°F ~ +140°F.



Note: Dimensions and load ratings are given in the Plus α Alpha catalog (L10436).

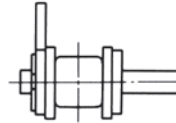
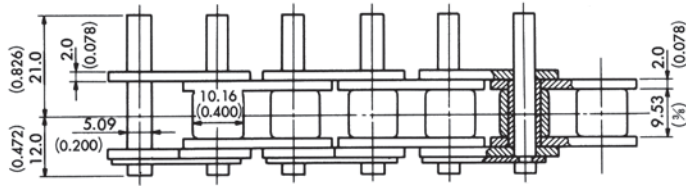
10. Convey Long and Narrow Material

10.1 Sticker Attachment (Chain type: FS)

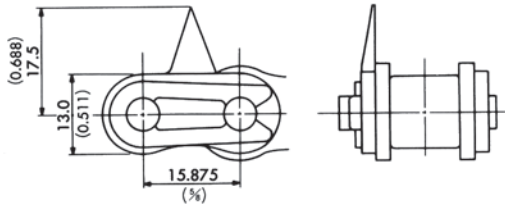
This chain with the pin top attachment is ideal for conveying long and narrow items such as sheets of film.



Type I



Type II

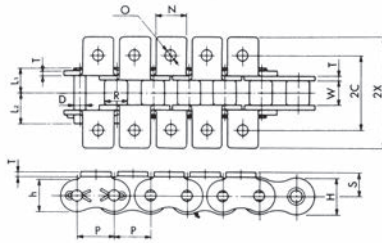


Dimensions: mm (inches)

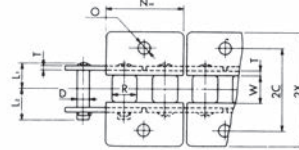
11. Convey Receptacles

11.1 Large Pitch Chain (RS180 and larger) with Attachment (Chain type: RS or RF)

K-1 Attachment

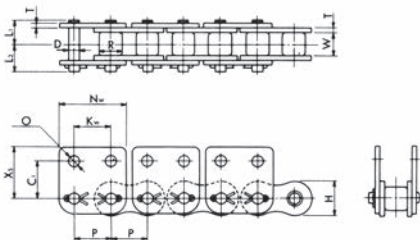


WK-1 Attachment



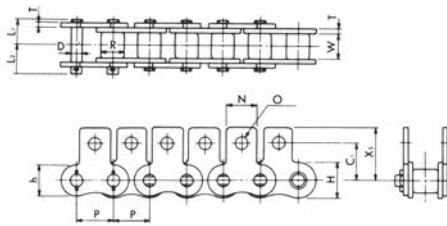
RS180, RS200, RS240, RF320T, RF400T are available.

WSK-1 Attachment



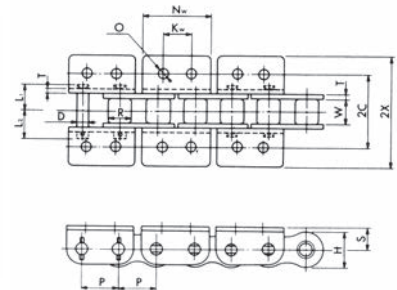
RS200, RS240, RF400T are available.

SK-1 Attachment (RS240)



RS200, RS240 are available.
Cottered type connecting links will be provided for RS200.

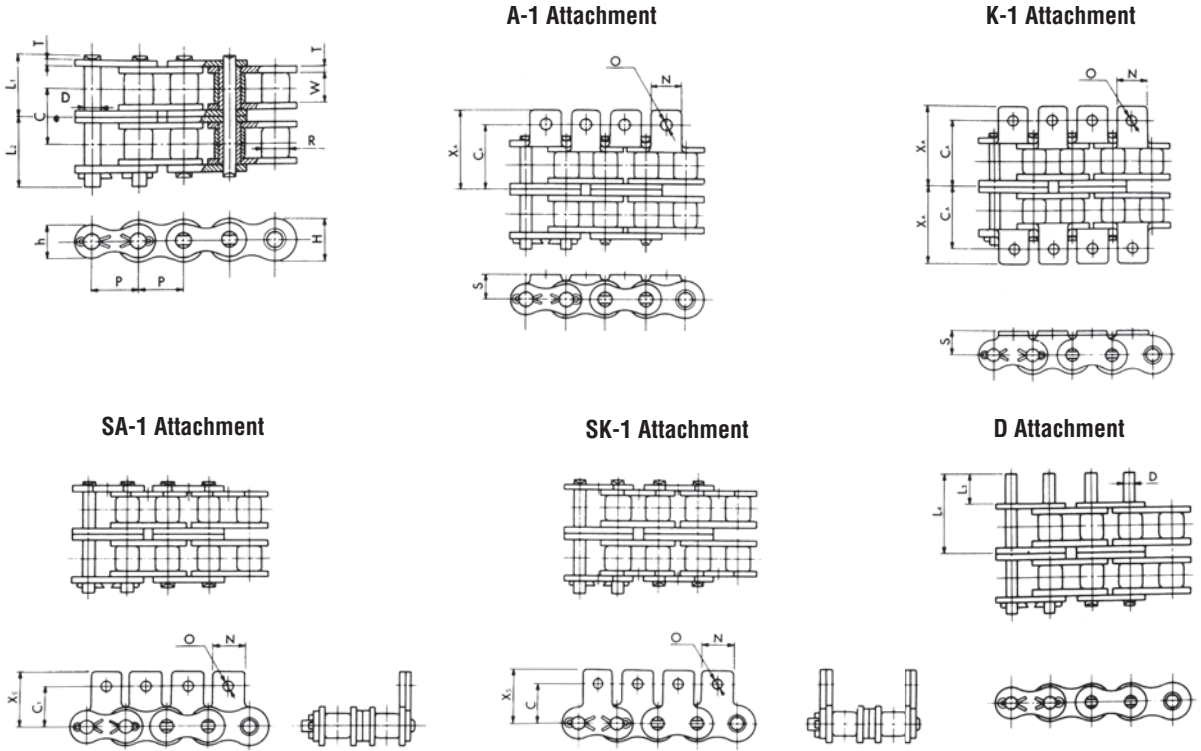
WK-2 Attachment



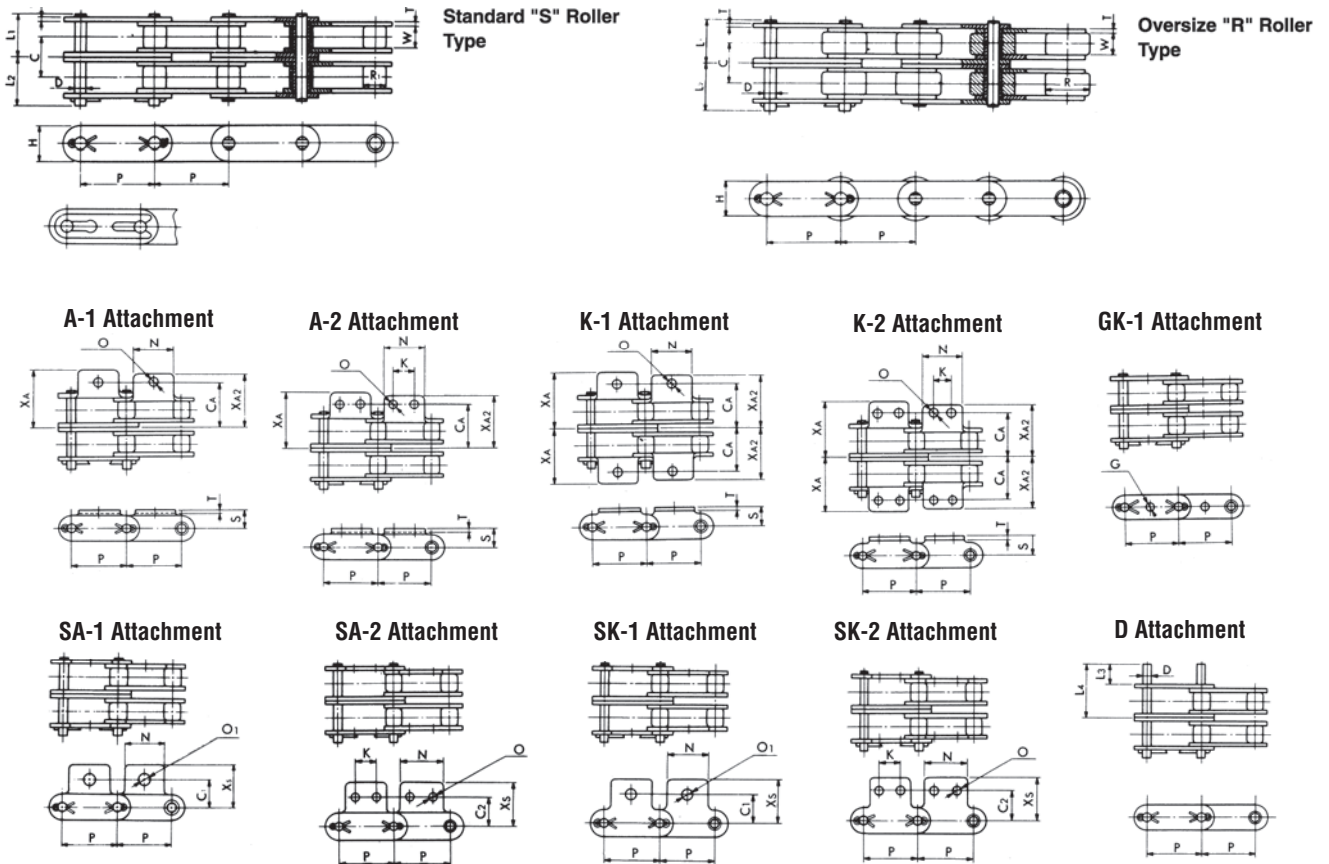
RS240 is available.

Note: Dimensions and load ratings are given in the Plus α Alpha catalog (L10436).

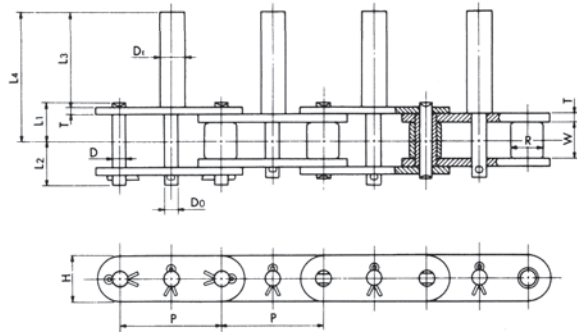
11.2 Double Strands with Attachment (Single Pitch)



11.3 Double Strands with Attachment (Double Pitch)

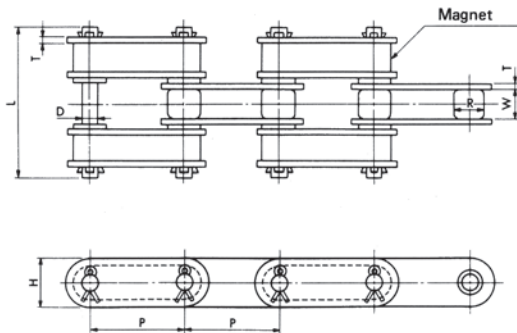


11.4 D-5 Attachment (Chain type: D5)



11.5 Magnetic Attachment (Chain type: MG)

This chain with a magnetic attachment can be used to convey material on a slope.

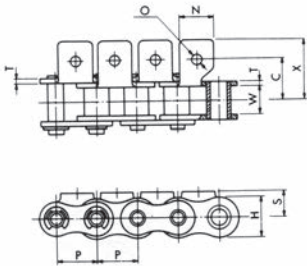


Note: Dimensions and load ratings are given in the Plus α Alpha catalog (L10436).

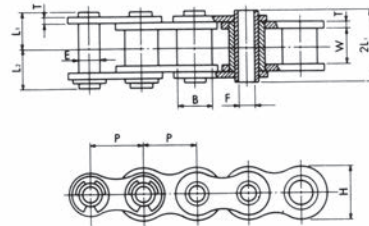
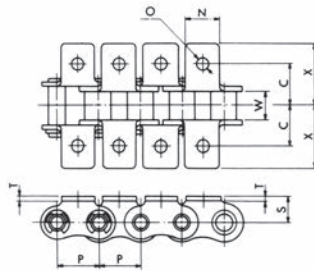
12. Other Applications

12.1 Hollow Pin Chain with Attachment (Chain type: HP)

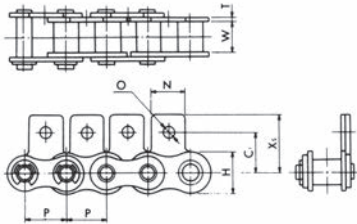
A-1 Attachment



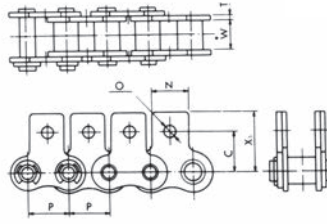
K-1 Attachment



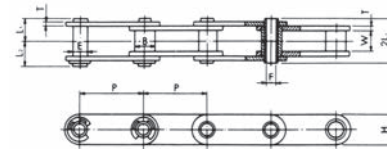
SA-1 Attachment



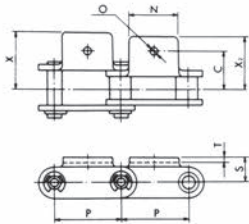
SK-1 Attachment



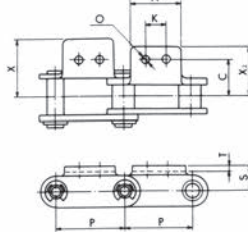
RF Standard "S" Roller Type, Bushed Type



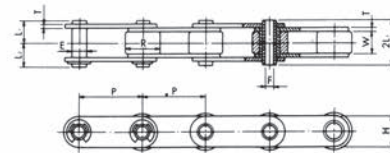
A-1 Attachment



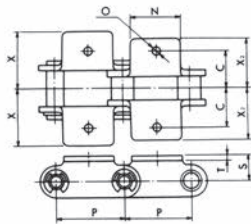
A-2 Attachment



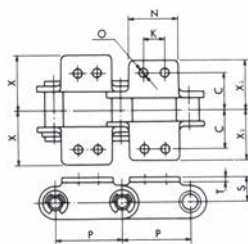
RF Oversized "R" Roller Type



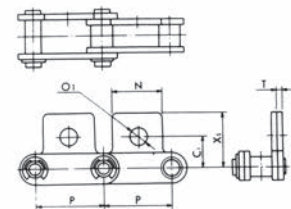
K-1 Attachment



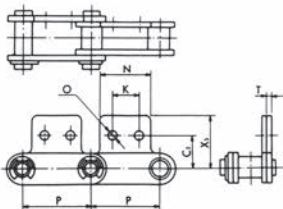
K-2 Attachment



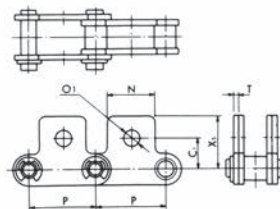
SA-1 Attachment



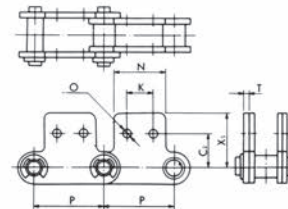
SA-2 Attachment



SK-1 Attachment



SK-2 Attachment



Custom Attachment Chain Worksheet

Use this sheet to identify the Attachments and Chain you need, then fax the form to your authorized distributor or the nearest U.S. Tsubaki Service Center. If you have any questions, please call the nearest Service Center.

Base Chain Size (ANSI): _____

Quantity/Number of Chains: _____

Length: _____ Number of Pitches: _____ or Inches: _____

If uneven number of pitches, specify: _____

Roller link on each end: _____

Connecting link on each end: _____

Offset/Connecting link: _____

Type of offset: Riv. _____ Cot. _____

Construction: Riveted _____ Cottered _____

Material: Standard Carbon Nickel-Plated
 Stainless SS NS AS LS
 LAMBDA® NEPTUNE™

Attachment: Standard YES NO

Wide contour _____

Special _____ (Drawing required)

Spacing: Pitches _____ Inches _____

Extended Pin: YES NO

Projection: _____

Special Dimensions

Pitch: _____

Single: _____

Double: _____

Special (Specify): _____

Side Plate (Thickness): _____

Rollers: _____

Width: _____

Diameter: _____

Solid: _____

Split: _____

Other Special Requirements:

Name: _____

Title: _____

Telephone/Fax: _____

Company: _____

Street: _____

City/State/Zip: _____

NOTES: _____



Sketch the attachment and spacing below. Note if you want the attachment on the pin or roller links, if you want straight or bent attachments, or if you require extended pins.

PIN LINK

ROLLER LINK

EASY SPACING GUIDE FOR ATTACHMENTS

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Connecting link on each end: _____

Offset/Connecting link: _____

Type of offset: Riv. _____ Cot. _____

Construction: Riveted _____ Cottered _____

Material: Standard Carbon Nickel-Plated
 Stainless SS NS AS LS
 LAMBDA® NEPTUNE™

Attachment: Standard YES NO

Wide contour _____

Special _____ (Drawing required)

Spacing: Pitches _____ Inches _____

Extended Pin: YES NO

Projection: _____

Special Dimensions

Pitch: _____

Single: _____

Double: _____

Special (Specify): _____

Side Plate (Thickness): _____

Rollers: _____

Width: _____

Diameter: _____

Solid: _____

Split: _____

Other Special Requirements:

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Title: _____

Telephone/Fax: _____

Company: _____

Street: _____

City/State/Zip: _____

NOTES: _____

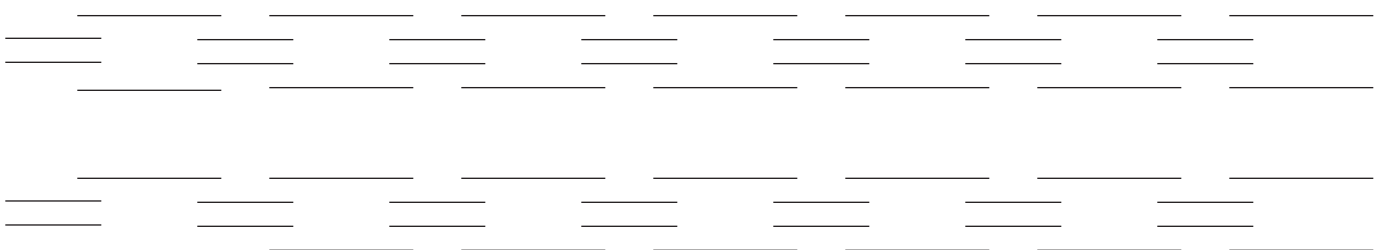


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ROLLER LINK

EASY SPACING GUIDE FOR ATTACHMENTS



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Construction: Riveted _____ Cottered _____

Material: Standard Carbon Nickel-Plated
 Stainless SS NS AS LS
 LAMBDA® NEPTUNE™

Attachment: Standard YES NO

Wide contour _____

Special _____ (Drawing required)

Spacing: Pitches _____ Inches _____

Extended Pin: YES NO

Projection: _____

Special Dimensions

Pitch: _____

Single: _____

Double: _____

Special (Specify): _____

Side Plate (Thickness): _____

Rollers: _____

Width: _____

Diameter: _____

Solid: _____

Split: _____

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Name: _____

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Telephone/Fax: _____

Company: _____

Street: _____

City/State/Zip: _____

NOTES: _____



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PIN LINK

ROLLER LINK

EASY SPACING GUIDE FOR ATTACHMENTS

