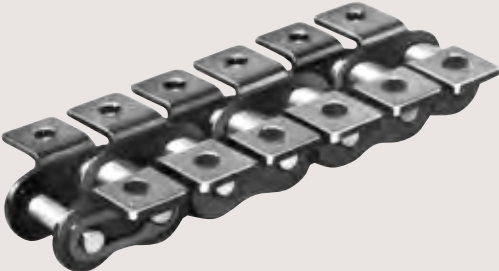


Steel Conveyor Chains

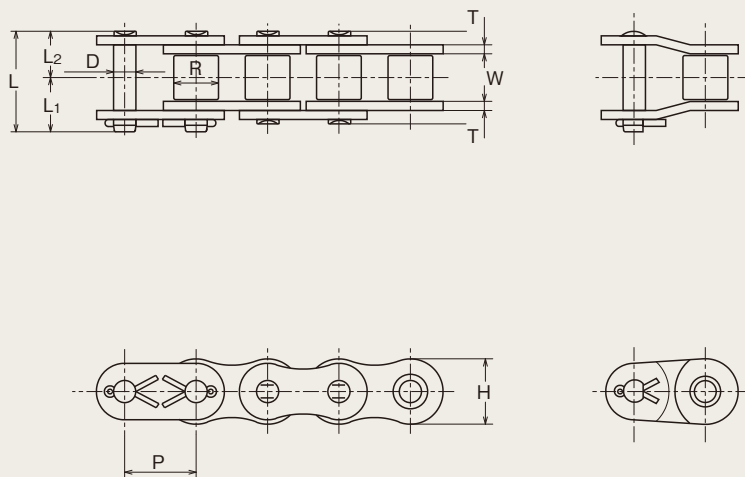
Roller Chains with Attachments

These chains are standard roller chains with attachments added as necessary.

Main Attachment types

Type	Form	Type	Form
A-1		WA-2	
K-1		WSA-2	
SA-1		D-1	
SK-1		D-3	

Dimensions of Standard Roller Chains



Chain No.	Pitch P (mm)	Roller Outer Dia. R (mm)	Inner Width W (mm)	Pin				Link Plate	
				Dia. D (mm)	Length L (mm)	Length L ₁ (mm)	Length L ₂ (mm)	Height H (mm)	Thickness T (mm)
※ 35	9.525	5.08	4.8	3.58	12.9	6.9	6.0	8.9	1.25
40	12.70	7.92	7.95	3.96	17.9	9.6	8.3	11.6	1.5
50	15.875	10.16	9.53	5.08	22.0	11.8	10.2	14.5	2.0
60	19.05	11.91	12.7	5.95	26.9	14.1	12.8	17.4	2.4
80	25.40	15.88	15.88	7.93	35.1	18.7	16.4	23.4	3.2
100	31.75	19.05	19.05	9.53	43.0	23.3	19.7	29.3	4.0
120	38.10	22.23	25.4	11.10	53.4	28.6	24.8	35.1	4.8
140	44.45	25.4	25.4	12.70	58.3	31.3	27.0	40.9	5.6
160	50.80	28.58	31.75	14.28	68.7	36.5	32.2	46.7	6.4

Chain No.	Average Tensile Strength		Maximum Allowable Load		Mass (kg/m)	
	(kN)	(kgf)	(kN)	(kgf)	Cotter type	Rivet type
※ 35	10.8	1100	2.48	250	—	0.34
40	19.1	1950	4.17	430	—	0.60
50	31.9	3250	7.22	740	—	0.98
60	43.0	4400	10.7	1090	—	1.46
80	78.5	8000	19.1	1950	2.52	2.52
100	118	12000	29.4	3000	3.84	—
120	167	17000	39.5	4030	5.76	—
140	216	22000	52.3	5340	7.41	—
160	275	28000	69.0	7040	9.79	—

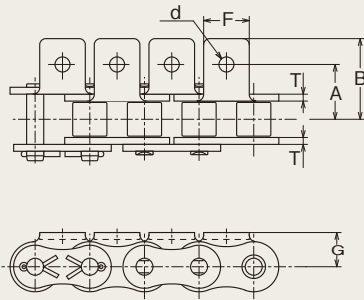
※ indicates bushed chains, so the outer roller diameter is the outer bush diameter.



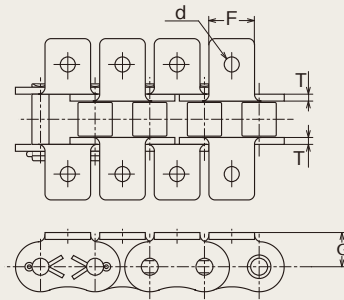
Steel Conveyor Chains

Attachment types and Dimensions

A-1, K-1 Attachment



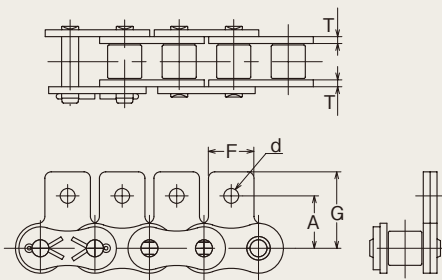
A-1



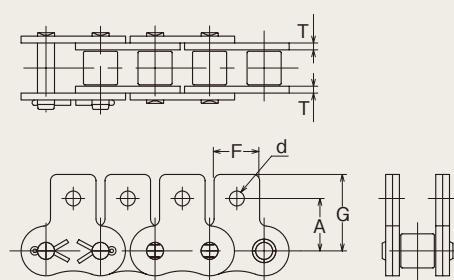
K-1

Chain No.	Dimensions (mm)						Added Mass per Attachment (g)	
	A	B	d	F	G	T	A-1	K-1
35	9.5	14.3	3.4	7.9	6.4	1.25	0.9	1.8
40	12.7	17.3	3.6	9.5	7.9	1.5	1.2	2.4
50	15.9	23.3	5.2	12.7	10.3	2.0	4.0	8.0
60	19.1	28.1	5.2	15.9	11.9	2.4	6.5	13.0
80	25.4	35.9	6.8	19.1	15.9	3.2	13.0	26.0
100	31.8	44.3	8.8	25.4	19.8	4.0	27.0	54.0
120	38.1	54.7	10.5	28.6	23.0	4.8	47.0	94.0
140	44.5	63.2	12.0	34.7	28.6	5.6	65.0	130.0
160	50.8	71.9	14.0	38.1	31.8	6.4	88.0	176.0

SA-1, SK-1 Attachment



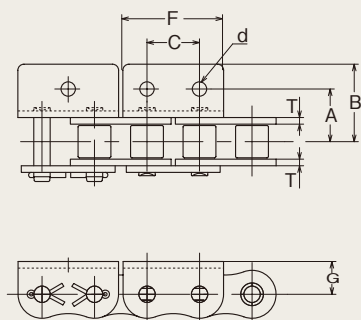
SA-1



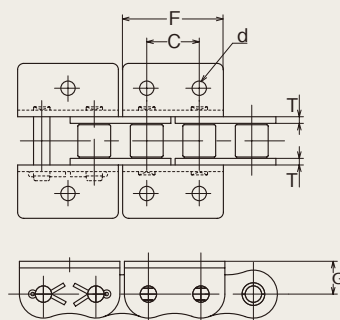
SK-1

Chain No.	Dimensions (mm)					Added Mass per Attachment (g)	
	A	d	F	G	T	SA-1	SK-1
35	9.5	3.4	7.9	14.5	1.25	0.9	1.8
40	12.7	3.6	9.5	18.5	1.5	1.2	2.4
50	15.9	5.2	12.7	23.0	2.0	4.0	8.0
60	18.3	5.2	15.9	26.7	2.4	6.5	13.0
80	24.6	6.8	19.1	34.5	3.2	13.0	26.0
100	31.8	8.8	25.4	43.0	4.0	27.0	54.0
120	36.6	10.5	28.6	51.4	4.8	47.0	94.0
140	44.4	12.0	34.7	63.1	5.6	65.0	130.0
160	50.8	14.0	38.1	69.5	6.4	88.0	176.0

WA-1, WA-2, WK-1, WK-2 Attachment



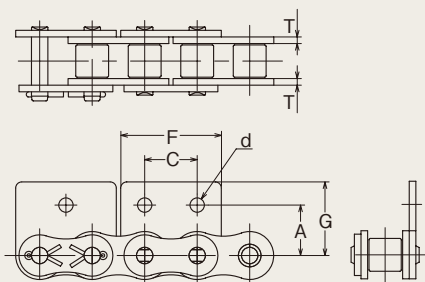
WA



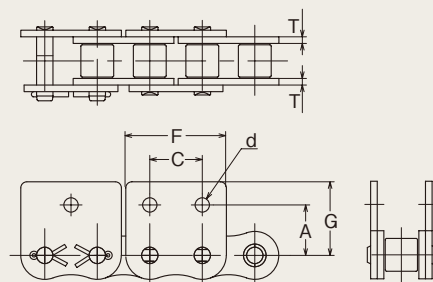
WK

Chain No.	Dimensions (mm)							Added Mass per Attachment (g)	
	A	B	C	d	F	G	T	WA-1, WA-2	WK-1, WK-2
40	12.7	17.3	12.7	3.6	24.3	7.9	1.5	3.0	6.0
50	15.9	23.3	15.9	5.2	30.4	10.3	2.0	7.0	14.0
60	19.1	28.1	19.1	5.2	36.5	11.9	2.4	12.0	24.0
80	25.4	35.9	25.4	6.8	48.6	15.9	3.2	28.0	56.0
100	31.8	44.3	31.8	8.8	61.0	19.8	4.0	55.0	110.0

WSA-1, WSA-2, WSK-1, WSK-2 Attachment



WSA



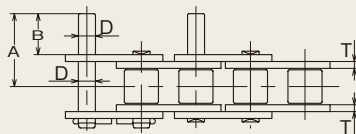
WSK

Chain No.	Dimensions (mm)						Added Mass per Attachment (g)	
	A	C	d	F	G	T	WSA-1, WSA-2	WSK-1, WSK-2
40	12.7	12.7	3.6	24.3	17.3	1.5	3.0	6.0
50	15.9	15.9	5.2	30.4	23.1	2.0	7.0	14.0
60	18.3	19.1	5.2	36.5	27.1	2.4	12.0	24.0
80	24.6	25.4	6.8	48.6	34.5	3.2	28.0	56.0
100	31.8	31.8	8.8	61.0	43.0	4.0	55.0	110.0

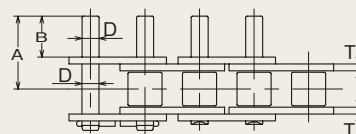


Steel Conveyor Chains

D-1, D-3 Attachment



D-1



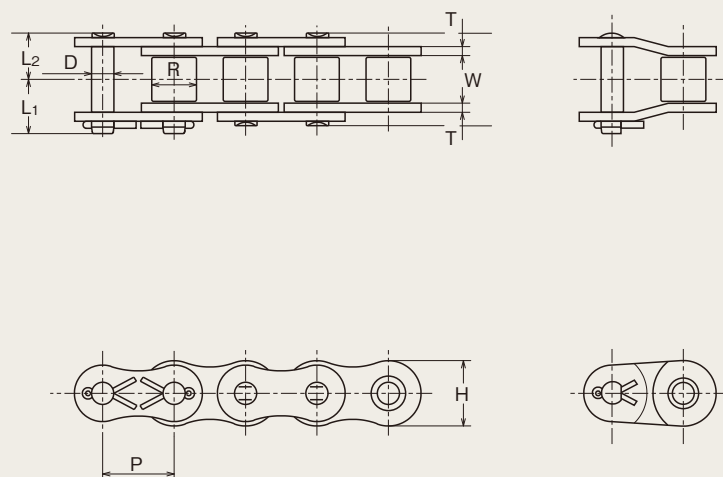
D-3

Chain No.	Dimensions (mm)				Added Mass per Attachment (g)	
	A	B	D	T	D-1	D-3
35	14.7	9.5	3.58	1.25	0.8	1.6
40	16.8	9.5	3.96	1.5	1.0	2.0
50	21.0	11.9	5.08	2.0	2.0	4.0
60	25.9	14.3	5.95	2.4	3.0	6.0
80	33.9	19.1	7.93	3.2	7.0	14.0
100	41.9	23.8	9.53	4.0	12.0	24.0
120	51.4	28.6	11.10	4.8	20.0	40.0
140	57.5	33.3	12.70	5.6	30.0	60.0
160	67.4	38.1	14.28	6.4	45.0	90.0

Stainless Steel Roller Chains with Attachments

These chains are 304 stainless steel roller chains with attachments added as necessary.

Dimensions of Stainless Steel Roller Chains



Chain No.	Pitch P (mm)	Roller Outer Dia. R (mm)	Inner Width W (mm)	Pin			Link Plate		Maximum Allowable Load		Mass (kg/m)
				Dia. D (mm)	Length L ₁ (mm)	Length L ₂ (mm)	Height H (mm)	Thickness T (mm)	(kN)	(kgf)	
※35SS	9.525	5.08	4.78	3.58	7.6	6.1	9.0	1.25	0.26	25	0.34
40SS	12.70	7.92	7.95	3.96	10.0	8.5	11.7	1.5	0.44	45	0.60
50SS	15.875	10.16	9.53	5.08	11.9	10.4	14.6	2.0	0.68	70	0.98
60SS	19.05	11.91	12.7	5.95	14.9	13.0	17.5	2.4	1.03	110	1.46
80SS	25.40	15.88	15.88	7.93	19.1	16.4	23.4	3.2	1.77	175	2.52
100SS	31.75	19.05	19.05	9.53	23.3	20.0	29.3	4.0	2.55	270	3.91
120SS	38.10	22.23	25.4	11.10	29.0	25.2	35.1	4.8	3.92	390	5.76
140SS	44.45	25.4	25.4	12.70	31.3	27.0	40.9	5.6	4.66	480	7.41
160SS	50.80	28.58	31.75	14.28	36.5	32.2	46.7	6.4	6.37	650	9.79

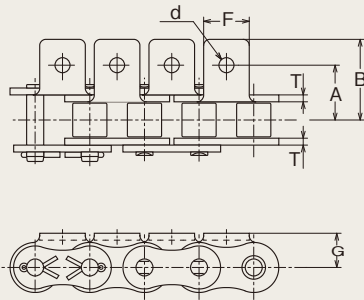
※Chain is rollerless, R shows bushing dia.



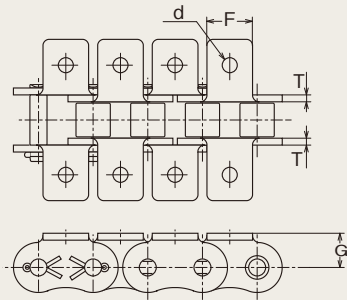
Steel Conveyor Chains

Attachment types and Dimensions

A-1, K-1 Attachment



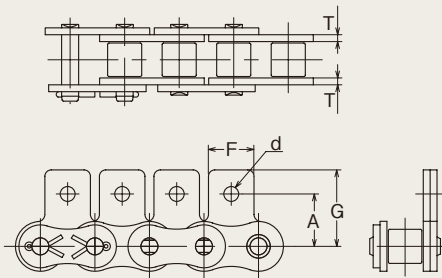
A-1



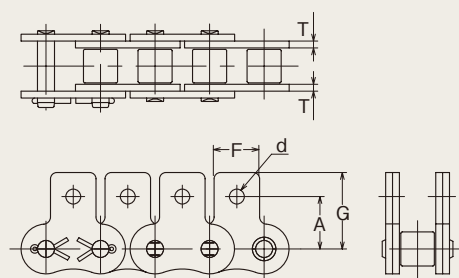
K-1

Chain No.	Dimensions (mm)						Added Mass per Attachment (g)	
	A	B	d	F	G	T	A-1	K-1
35SS	9.5	14.5	3.4	7.9	6.4	1.25	0.9	1.8
40SS	12.7	17.5	3.6	9.5	8.0	1.5	1.3	2.6
50SS	15.9	23.5	5.2	12.7	10.3	2.0	3.2	6.4
60SS	19.1	28.2	5.2	15.9	11.9	2.4	5.9	11.8
80SS	25.4	36.0	6.8	19.1	15.9	3.2	13.5	27.0
100SS	31.8	44.5	8.8	25.2	19.8	4.0	19.5	39.0
120SS	38.1	55.0	10.5	28.3	23.0	4.8	31.0	62.0
140SS	44.5	63.5	12.0	34.9	28.6	5.6	65.0	130.0
160SS	50.8	72.8	14.0	38.1	31.8	6.4	88.0	176.0

SA-1, SK-1 Attachment



SA-1



SK-1

Chain No.	Dimensions (mm)					Added Mass per Attachment (g)	
	A	d	F	G	T	SA-1	SK-1
35SS	9.5	3.4	7.9	14.7	1.25	0.9	1.8
40SS	12.7	3.6	9.5	18.8	1.5	1.3	2.6
50SS	15.9	5.2	12.7	23.0	2.0	3.2	6.4
60SS	18.3	5.2	15.9	26.7	2.4	5.9	11.8
80SS	24.6	6.8	19.1	34.5	3.2	13.5	27.0
100SS	31.8	8.8	25.2	43.0	4.0	19.5	39.0
120SS	36.5	10.5	28.3	51.4	4.8	31.0	62.0
140SS	45.6	12.0	34.9	63.4	5.6	65.0	130.0
160SS	51.2	14.0	38.1	70.4	6.4	88.0	176.0

Double Pitch Roller Chains for Conveyor Use

These chains use straight link plates. They are divided into the large roller series and the small roller series, according to the outer diameter of the rollers used.

Small Roller series

(S Roller type)

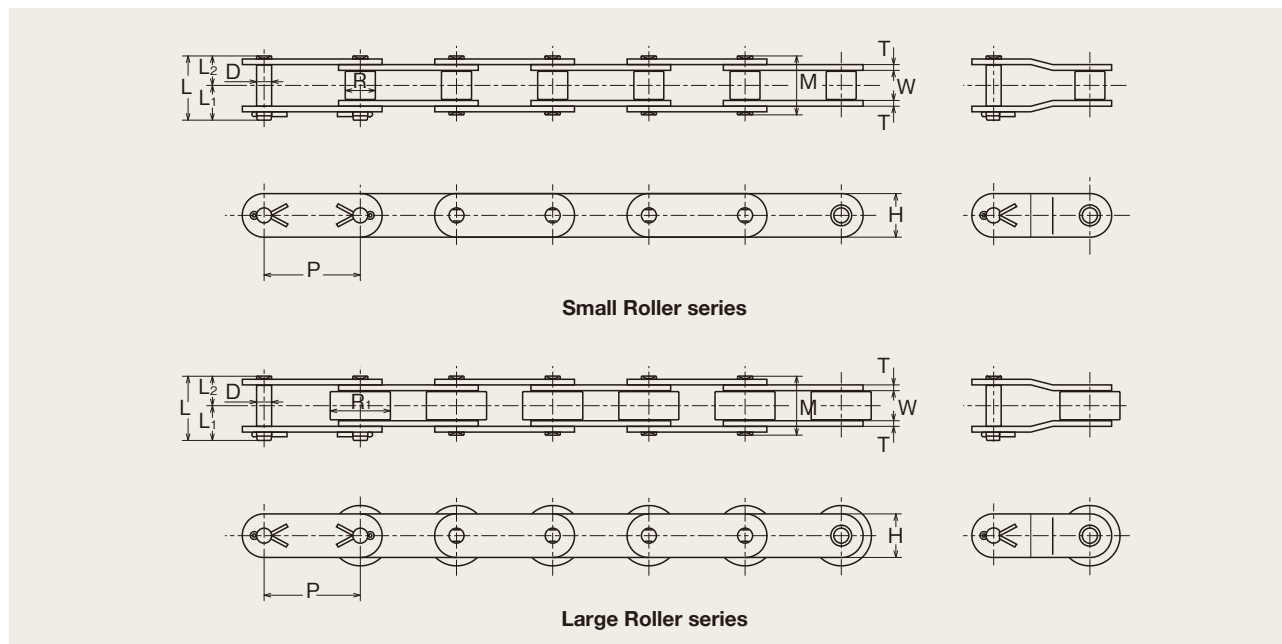
- Indicated by a "0" as the last digit of the chain number.
- The outer diameter of the roller is the same as for the standard roller chain on which it is based.
Ex.: The outer roller diameter for the C2040 is the same as that of the No.40 standard roller chain.
- Standard sprockets can be used if they have at least 30 teeth.
Ex.: The C2040 32-tooth sprocket (16 working teeth) can be used with the No.40 32-tooth standard sprocket.

Large Roller series

(R Roller type)

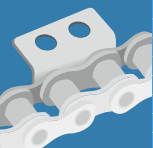
- Indicated by a "2" as the last digit of the chain number.
- The outer diameter of the roller is the same as for the standard roller chain which has the same pitch as the double pitch roller chain.
Ex.: The roller outer diameter of the C2042 is the same as that of the N0.80 standard roller chain, because the chain pitch is 25.4mm (the roller outer diameter is 15.88mm).
- Use specialized sprockets.

Dimensions of Double Pitch Roller Chains for Conveyor Use



Chain No.	Pitch P (mm)	Roller		Inner Width W (mm)	Pin				Link Plate		Average Tensile Strength		Maximum Allowable Load		Mass (kg/m)	
		Outer Dia.(mm)			Dia. D (mm)	Length (mm)				Height H (mm)	Thickness T (mm)					
		R	R ₁			M	L	L ₁	L ₂			(kN)	(kgf)	(kN)		(kgf)
C2040	25.4	7.92	—	7.95	3.96	16.5	18.5	10.3	8.2	11.4	1.5	16.9	1700	3.63	270	0.48
C2042		—	15.88													0.82
C2050	31.75	10.16	—	9.53	5.08	20.4	22.0	11.8	10.2	15.0	2.0	27.5	2800	6.28	440	0.82
C2052		—	19.05													1.26
C2060H	38.1	11.91	—	12.70	5.95	28.7	31.0	16.6	14.4	17.0	3.2	40.2	4100	8.63	640	1.38
C2062H		—	22.23													2.08
C2080H	50.8	15.88	—	15.88	7.93	35.5	38.8	21.0	17.8	22.6	4.0	68.6	7000	14.7	1090	2.32
C2082H		—	28.58													3.36
C2100H	63.5	19.05	—	19.05	9.53	42.2	45.7	24.6	21.1	28.6	4.8	107.9	11000	22.6	1740	3.46
C2102H		—	39.67													5.64
C2120H	76.2	22.23	—	25.40	11.10	52.6	57.0	30.7	26.3	34.9	5.6	151	15400	30.4	2440	4.92
C2122H		—	44.45													7.87
C2160H	101.6	28.58	—	31.75	14.28	67.7	72.9	39.0	33.9	47.6	7.2	257.9	26300	53.0	4170	8.02
C2162H		—	57.15													12.77

Note: Rivet pins are standard, but cotter pins may also be used.

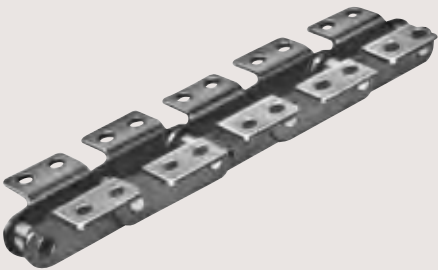
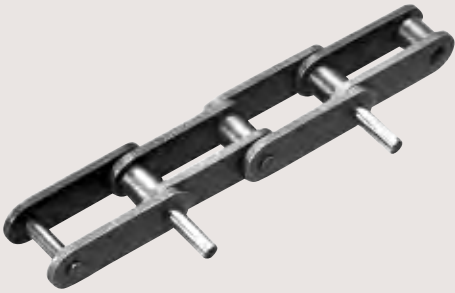
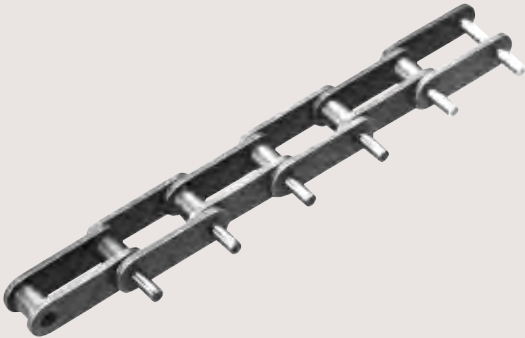


Steel Conveyor Chains

Double Pitch Roller Chains with Attachments

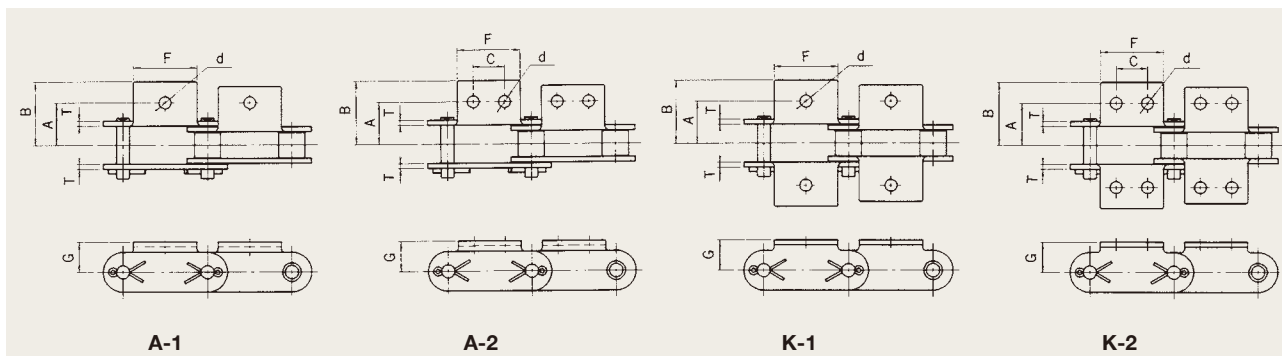
These chains are double pitch roller chains for conveyor use, with various attachments added as necessary.

Main Attachment types

Type	Form	Type	Form
A-2		GK-1	
K-2		D-1	
SA-2		D-3	
SK-2			

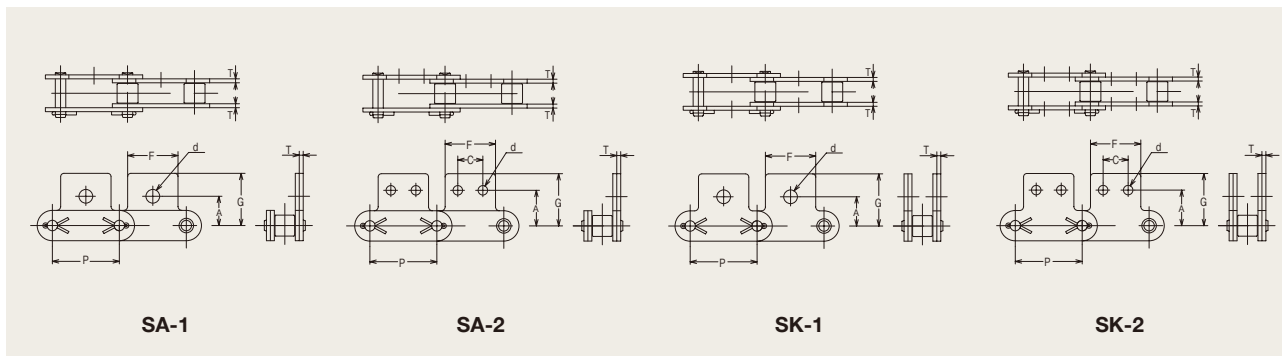
Attachment types and Dimensions

A-1, A-2, K-1, K-2 Attachments



Chain No.	Dimensions (mm)							Added Mass per Attachment (g)	
	A	B	C	d	F	G	T	A-1, A-2	K-1, K-2
C2040	12.7	19.1	9.5	3.6	19.1	9.1	1.5	3.2	6.4
C2042									
C2050	15.9	24.2	11.9	5.2	23.8	11.1	2.0	6.3	12.6
C2052									
C2060H	21.4	31.2	14.3	5.2	28.6	14.7	3.2	14.9	29.8
C2062H									
C2080H	27.8	40.6	19.1	6.8	38.1	19.1	4.0	31.5	63.0
C2082H									
C2100H	33.3	50.0	23.8	8.8	47.6	23.4	4.8	64.0	128.0
C2102H									
C2120H	39.7	61.9	28.6	10.5	57.2	27.8	5.6	102.0	204.0
C2122H									
C2160H	52.4	76.1	38.1	14.0	76.2	36.5	7.2	262.0	524.0
C2162H									

SA-1, SA-2, SK-1, SK-2 Attachments

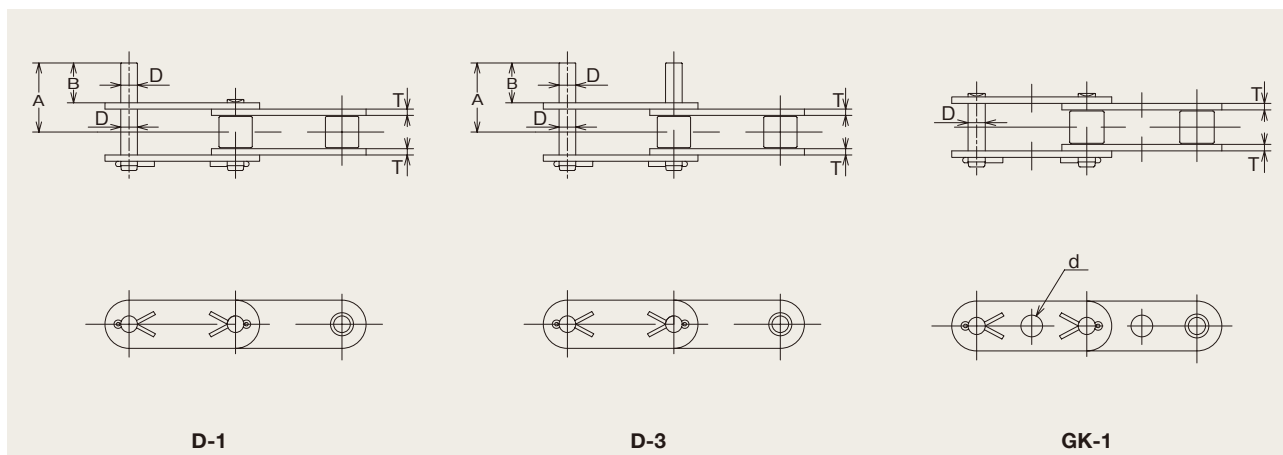


Chain No.	Dimensions (mm)								Added Mass per Attachment	
	A		C	d		F	G	T	SA-1 SA-2	SK-1 SK-2
	SA-1, SK-1	SA-2, SK-2		SA-1, SK-1	SA-2, SK-2					
C2040	11.1	13.5	9.5	5.2	3.6	19.1	19.8	1.5	2.7	5.4
C2042										
C2050	14.3	15.9	11.9	6.8	5.2	23.8	24.6	2.0	5.9	11.8
C2052										
C2060H	17.5	19.1	14.3	8.8	5.2	28.6	30.6	3.2	14.4	28.8
C2062H										
C2080H	22.2	25.4	19.1	10.5	6.8	38.1	40.2	4.0	31.5	63.0
C2082H										
C2100H	28.6	31.8	23.8	14.0	8.8	47.6	50.3	4.8	66.0	132.0
C2102H										
C2120H	33.3	37.3	28.6	16.0	10.5	57.2	61.1	5.6	97.0	194.0
C2122H										
C2160H	44.5	50.8	38.1	21.0	14.0	76.2	76.2	7.2	233.0	466.0
C2162H										



Steel Conveyor Chains

D-1, D-3, GK-1 Attachments



Chain No.	Dimensions (mm)					Added Mass per Attachment (g)	
	A	B	D	*d	T	D-1	D-3
			D-1, D-3	GK-1			
C2040	16.8	9.5	3.96	4.1	1.5	0.9	1.8
C2042							
C2050	21.1	11.9	5.08	6.4	2.0	1.8	3.6
C2052							
C2060H	27.5	14.3	5.95	6.4	3.2	3.0	6.0
C2062H							
C2080H	35.6	19.1	7.93	8.1	4.0	7.0	14.0
C2082H							
C2100H	43.2	23.8	9.53	10.1	4.8	12.0	24.0
C2102H							
C2120H	53.0	28.6	11.1	12.1	5.6	20.0	40.0
C2122H							
C2160H	69.0	38.1	14.28	—	7.2	44.0	88.0
C2162H							

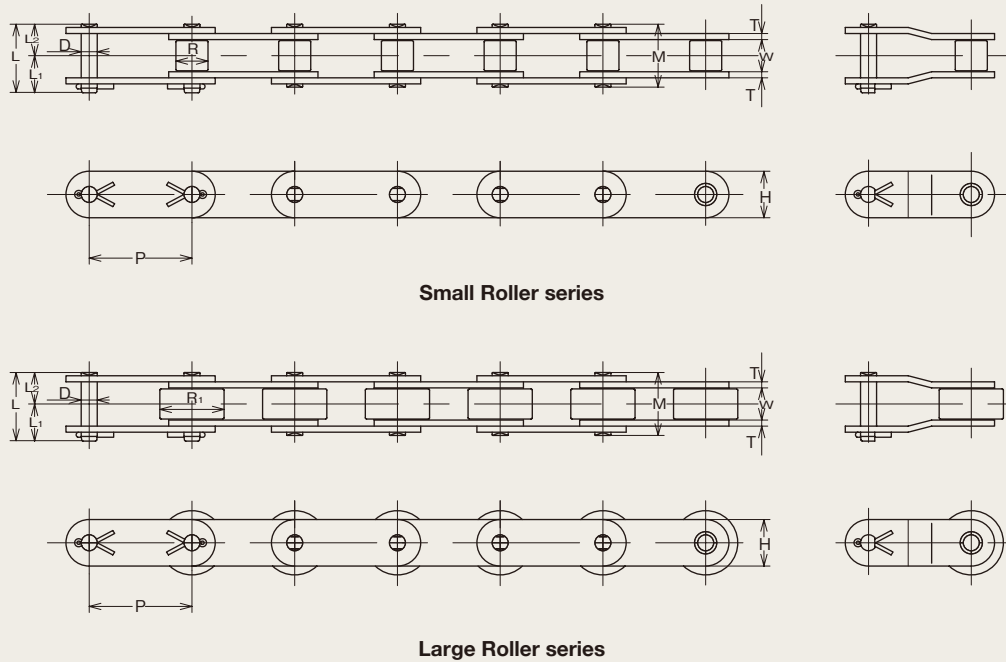
※We also manufacture to special dimensions.

Double Pitch Stainless Steel Roller Chains for Conveyor Use

Double pitch stainless steel roller chains for conveyor use are made from 300-class stainless steel.

They can be used in acid, alkaline or wet conditions, hot and cold conditions, and in other special atmospheres which require temperature and corrosion resistance.

Dimensions of Double Pitch Stainless Steel Roller Chains for Conveyor Use



Chain No.	Pitch P (mm)	Roller		Inner Width W (mm)	Pin				Link Plate		Average Tensile Strength		Maximum Allowable Load		Mass (kg/m)	
		Outer Dia.(mm)			Dia. D (mm)	Length (mm)				Height H (mm)	Thickness T (mm)					
		R	R ₁			M	L	L ₁	L ₂							
C2040SS	25.4	7.92	—	7.95	3.96	16.9	18.5	10.0	8.5	11.4	1.5	12.4	1260	0.44	45	0.48
C2042SS		—	15.88													0.82
C2050SS	31.75	10.16	—	9.53	5.08	20.8	22.3	11.9	10.4	15.0	2.0	20.3	2070	0.68	70	0.82
C2052SS		—	19.05													1.26
C2060HSS	38.1	11.91	—	12.7	5.95	28.8	30.9	16.5	14.4	17.0	3.2	27.4	2790	1.03	105	1.38
C2062HSS		—	22.23													2.08
C2080HSS	50.8	15.88	—	15.88	7.93	35.7	38.8	20.9	17.9	22.6	4.0	47.1	4800	1.77	180	2.32
C2082HSS		—	28.58													3.36
C2100HSS	63.5	19.05	—	19.05	9.53	42.4	46.0	24.8	21.2	28.6	4.8	56.9	5800	2.55	265	3.46
C2102HSS		—	39.67													5.64
C2120HSS	76.2	22.23	—	25.4	11.1	52.8	57.2	30.8	26.4	34.9	5.6	76.5	7800	3.92	395	4.92
C2122HSS		—	44.45													7.87

Note: Rivet pins are standard, but cotter pins may also be used.

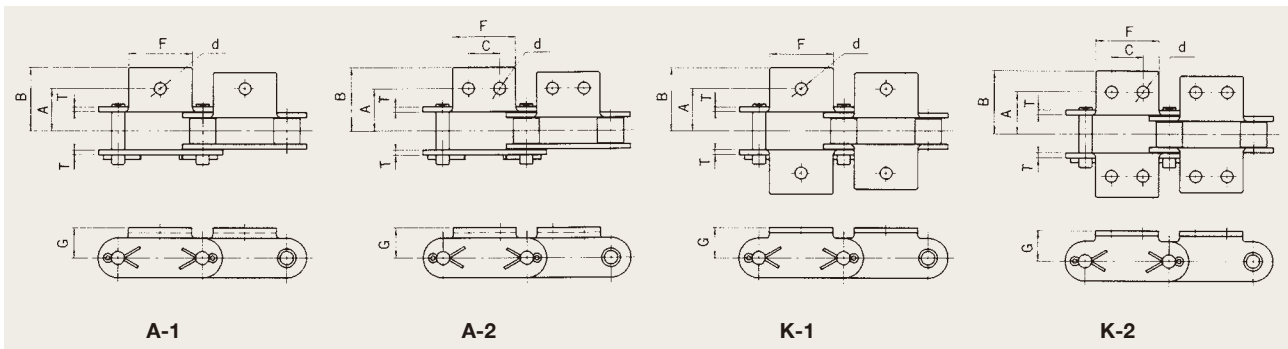


Steel Conveyor Chains

Double Pitch Stainless Steel Roller Chains with Attachments

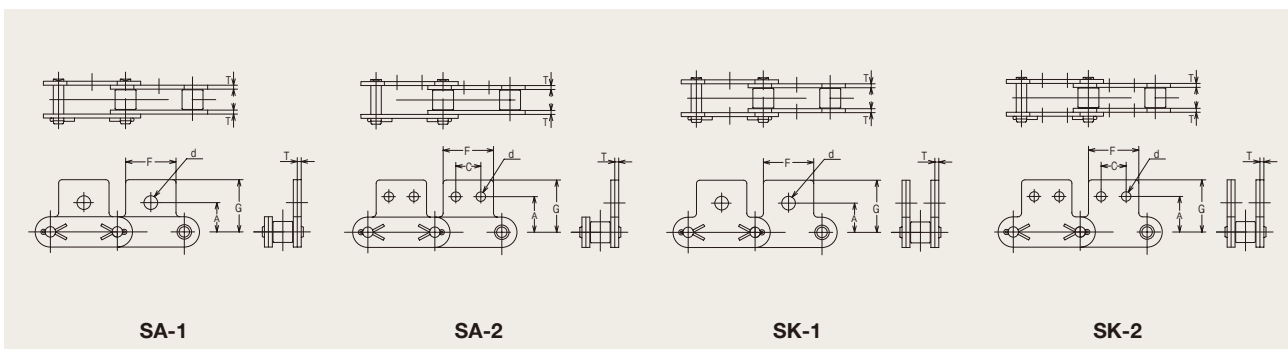
These chains are double pitch stainless steel roller chains for conveyor use, with attachments added as necessary.

A-1, A-2, K-1, K-2 Attachments



Chain No.	Dimensions (mm)							Added Mass per Attachment (g)	
	A	B	C	d	F	G	T	A-1, A-2	K-1, K-2
C2040SS	12.7	19.1	9.5	3.6	19.0	9.1	1.5	3.0	6.0
C2042SS									
C2050SS	15.9	24.2	11.9	5.2	23.8	11.1	2.0	7.0	14.0
C2052SS									
C2060HSS	21.4	31.2	14.3	5.2	28.6	14.7	3.2	17.0	34.0
C2062HSS									
C2080HSS	27.8	40.6	19.1	6.8	38.1	19.1	4.0	36.0	72.0
C2082HSS									
C2100HSS	33.3	50.0	23.8	8.8	47.6	23.4	4.8	64.0	128.0
C2102HSS									
C2120HSS	39.7	61.9	28.6	10.5	57.2	27.8	5.6	102.0	204.0
C2122HSS									

SA-1, SA-2, SK-1, SK-2 Attachments

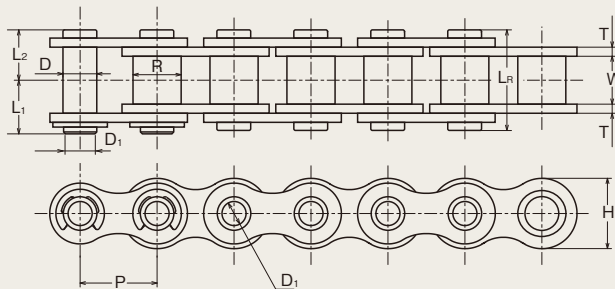


Chain No.	Dimensions (mm)								Added Mass per Attachment (g)	
	A		C	d		F	G	T	SA-1, SA-2	SK-1, SK-2
	SA-1, SK-1	SA-2, SK-2		SA-1, SK-1	SA-2, SK-2					
C2040SS	11.1	13.5	9.5	5.2	3.6	19.0	19.8	1.5	3.0	6.0
C2042SS										
C2050SS	14.3	15.9	11.9	6.8	5.2	23.8	24.6	2.0	7.0	14.0
C2052SS										
C2060HSS	17.5	19.1	14.3	8.7	5.2	28.6	31.8	3.2	17.0	34.0
C2062HSS										
C2080HSS	22.2	25.4	19.1	10.3	6.8	38.1	41.7	4.0	36.0	72.0
C2082HSS										
C2100HSS	28.6	31.8	23.8	14.0	8.8	47.6	50.3	4.8	66.0	132.0
C2102HSS										
C2120HSS	33.3	37.3	28.6	16.0	10.5	57.2	61.1	5.6	97.0	194.0
C2122HSS										

Hollow Pin Chains

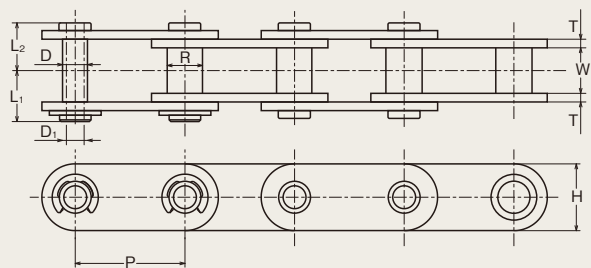
These chains have "Hollow Pins", various pins and attachments can be installed by using it.

Standard Chain series

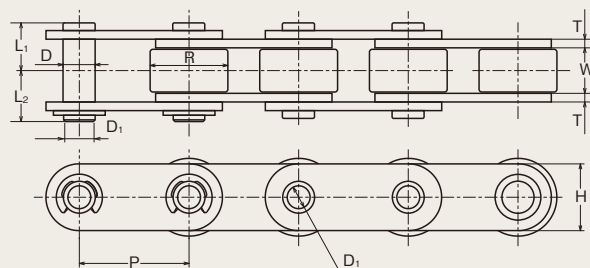


Chain No.	Pitch P (mm)	Bush Outer Dia. R (mm)	Inner Width W (mm)	Pin				Link Plate		Average Tensile Strength		Maximum Allowable Load		Mass (kg/m)
				Outer Dia. D (mm)	Inner Dia. D ₁ (mm)	Length (mm)		Height H (mm)	Thickness T (mm)					
						L ₁	L ₂			(kN)	(kgf)	(kN)	(kgf)	
40HP	12.70	7.92	7.95	5.63	4.03	9.2	8.4	12.0	1.5	12.7	1300	1.77	180	0.58
50HP	15.875	10.16	9.53	7.09	5.13	11.2	10.1	15.0	2.0	19.6	2000	3.14	320	0.97
60HP	19.05	11.91	12.7	8.29	6.04	14.2	13.0	18.1	2.4	28.4	2900	4.22	430	1.46
80HP	25.40	15.88	15.88	11.34	8.08	18.1	16.2	24.1	3.2	51.0	5200	7.65	780	2.47

Double Pitch Chain series



Small Roller series



Large Roller series

Chain No.	Pitch P (mm)	Roller Outer Dia. R (mm)	Inner Width W (mm)	Pin				Link Plate		Average Tensile Strength		Maximum Allowable Load		Mass (kg/m)
				Outer Dia. D (mm)	Inner Dia. D ₁ (mm)	Length (mm)		Height H (mm)	Thickness T (mm)					
						L ₁	L ₂			(kN)	(kgf)	(kN)	(kgf)	
※C2040HP	25.40	7.92	7.95	5.63	4.03	9.2	8.4	12.0	1.5	12.7	1300	1.77	180	0.46
C2042HP		15.88												0.81
※C2050HP	31.75	10.16	9.53	7.09	5.13	11.2	10.1	15.0	2.0	19.6	2000	3.14	320	0.76
C2052HP		19.05												1.25
※C2060HP	38.10	11.91	12.7	8.29	6.04	14.2	13.0	18.1	2.4	28.4	2900	4.22	430	1.12
C2062HP		22.23												1.79
※C2080HP	50.80	15.88	15.88	11.34	8.08	18.1	16.2	24.1	3.2	51.0	5200	7.70	780	1.98
C2082HP		28.58												3.17

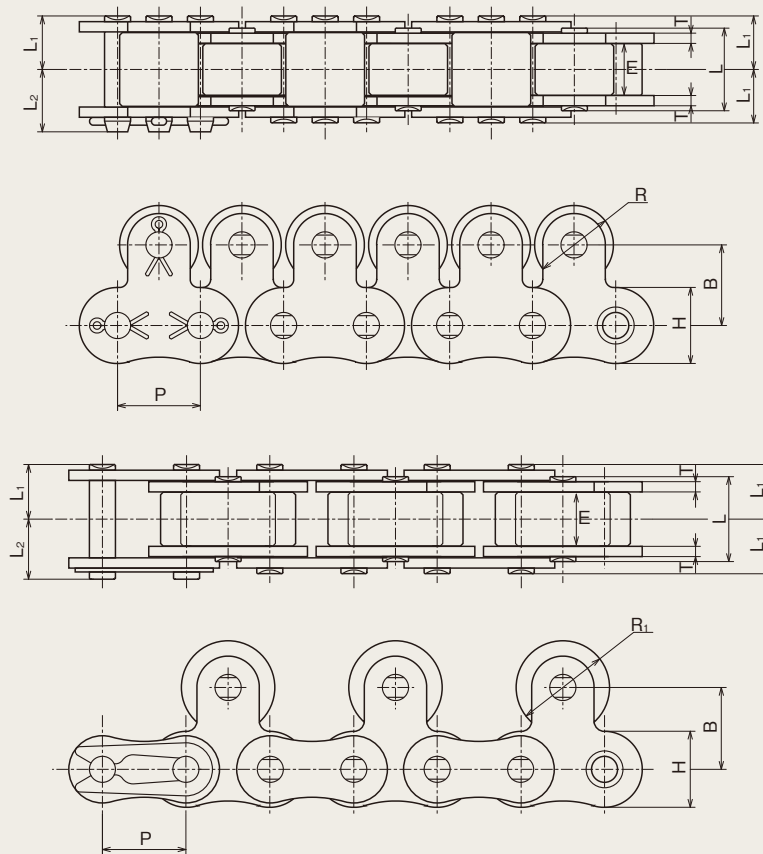
※C2040HP through C2080HP are rollerless, R shows bushing dia.



Steel Conveyor Chains

Top Roller Chains

- These chains have rollers attached above the center of each chain pitch, so that goods can be placed directly onto the top rollers.
- Conveyed materials can be stored and paused on top while the chain is moving continuously.
- The top rollers can also be made of plastic.



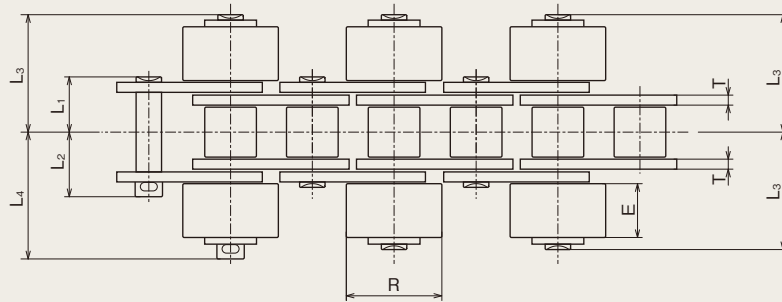
Chain No.	Pitch P (mm)	Top Roller			Pin Length		Link Plate		Center Height B (mm)	Mass (kg/m)			
		Outer Dia.		Width			Height H (mm)	Thickness T (mm)		Plastic Roller		Steel Roller	
		R (mm)	R ₁ (mm)	E (mm)	L ₁ (mm)	L ₂ (mm)				every Link	every 2nd	every Link	every 2nd
40	12.70	11.0	15.88	7.95	8.2	9.1	11.7	1.5	12.7	0.92	0.85	1.83	1.41
50	15.875	15.0	19.05	9.53	10.3	11.6	14.6	2.0	15.9	1.56	1.38	2.39	2.18
60	19.05	18.0	22.23	12.70	12.7	13.9	17.5	2.4	18.3	2.30	2.03	3.60	3.18
80	25.40	24.0	28.58	15.88	16.2	18.8	23.4	3.2	24.6	3.90	3.44	6.09	5.27
100	31.75	30.0	39.67	19.10	19.6	23.2	29.3	4.0	31.8	6.06	5.41	9.30	8.85
C2040	25.40	—	15.88	7.95	8.2	10.3	11.4	1.5	15.0	0.86	—	1.29	—
C2050	31.75	—	19.05	9.30	10.3	11.6	15.0	2.0	19.0	1.37	—	1.98	—
C2060H	38.10	—	22.23	12.70	14.4	16.7	17.0	3.2	23.0	2.63	—	3.57	—
C2080H	50.80	—	28.58	15.88	17.8	21.1	22.6	4.0	29.0	4.07	—	5.48	—

Chain No.	Average Tensile Strength		Maximum Allowable Load		Allowable Load per 1 piece of Top Roller							
					R				R ₁			
	(kN)	(kgf)	(kN)	(kgf)	Plastic Roller		Steel Roller		Plastic Roller		Steel Roller	
					(kN)	(kgf)	(kN)	(kgf)	(kN)	(kgf)	(kN)	(kgf)
40	16.7	1700	2.64	270	0.03	3	0.1	10	0.05	5	0.15	15
50	27.5	2800	4.31	440	0.05	5	0.12	12	0.07	7	0.20	20
60	40.2	4100	6.27	640	0.10	10	0.20	20	0.10	10	0.29	30
80	68.7	7000	10.6	1090	0.15	15	0.34	35	0.18	18	0.54	55
100	108.0	11000	17.0	1740	0.22	22	0.54	55	0.29	30	0.78	80
C2040	16.7	1700	2.64	270	—	—	—	—	0.05	5	0.15	15
C2050	27.5	2800	4.31	440	—	—	—	—	0.07	7	0.20	20
C2060H	40.2	4100	6.27	640	—	—	—	—	0.10	10	0.29	30
C2080H	68.7	7000	10.6	1090	—	—	—	—	0.18	18	0.54	55

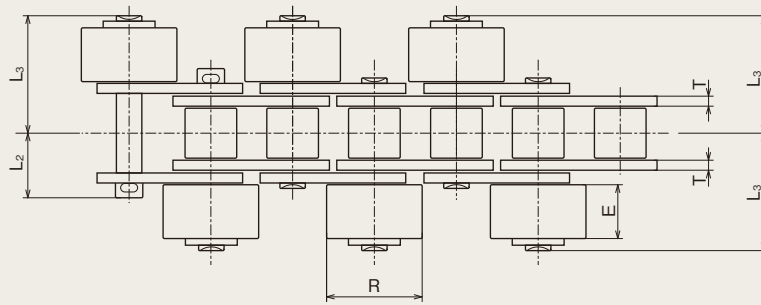
Note: Refer to the standard roller chain or double pitch roller conveyor chain for dimensions not stated here.

Side Roller Chains

- These chains have side rollers attached to one or both sides, in parallel or staggered patterns.
- The side rollers make the chains run extraordinarily smoothly.
- Plastic Side rollers can be used to reduce noise.



Parallel type



Alternative type

Chain No.	Pitch P (mm)	Side Roller		Pin Length				Link Plate		Average Tensile Strength		Maximum Allowable Load		Allowable load per 1 piece of side roller				Mass (kg/m)	
		Dia. (mm)	Width E (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	Height H (mm)	Thickness T (mm)	(kN)	(kgf)	(kN)	(kgf)	(kN)	(kgf)	(kN)	(kgf)	Plastic Roller	Steel Roller
40	12.70	15.88	7.6	8.2	10.3	17.3	19.1	11.6	1.5	16.7	1700	2.64	270	0.05	5	0.15	15	0.94	1.67
50	15.875	19.05	9.2	10.3	11.6	21.4	23.1	14.5	2.0	27.5	2800	4.31	440	0.07	7	0.20	20	1.42	2.42
60	19.05	22.23	12.5	12.7	14.9	27.9	30.0	17.4	2.4	40.2	4100	6.27	640	0.10	10	0.29	30	2.11	3.63
80	25.40	28.58	15.6	16.2	18.8	34.8	37.8	23.4	3.2	68.7	7000	10.6	1090	0.18	18	0.54	55	3.57	5.92
100	31.75	39.67	18.5	19.6	23.2	41.9	45.5	29.3	4.0	108.0	11000	17.0	1740	0.29	30	0.78	80	5.56	10.02
C2040	25.40	15.88	7.6	8.2	10.3	17.3	19.1	11.5	1.5	16.7	1700	2.64	270	0.05	5	0.15	15	0.66	1.02
C2042		23.0												0.07	7	0.20	20	0.89	1.30
C2050	31.75	19.05	9.2	10.2	11.6	21.4	23.1	15.0	2.0	27.5	2800	4.31	440	0.07	7	0.20	20	1.03	1.53
C2052		27.0												0.10	10	0.29	30	1.23	1.70
C2060H	38.10	22.23	12.5	14.4	16.7	29.5	31.6	17.0	3.2	40.2	4100	6.27	640	0.10	10	0.29	30	1.80	2.56
C2062H		30.0												0.15	15	0.44	45	1.93	2.64
C2080H	50.80	28.58	15.6	17.8	21.1	36.5	39.5	22.8	4.0	68.7	7000	10.6	1090	0.18	18	0.54	55	3.12	4.30

Note: Refer to the standard roller chain or double pitch conveyor roller chain for dimensions not stated here.