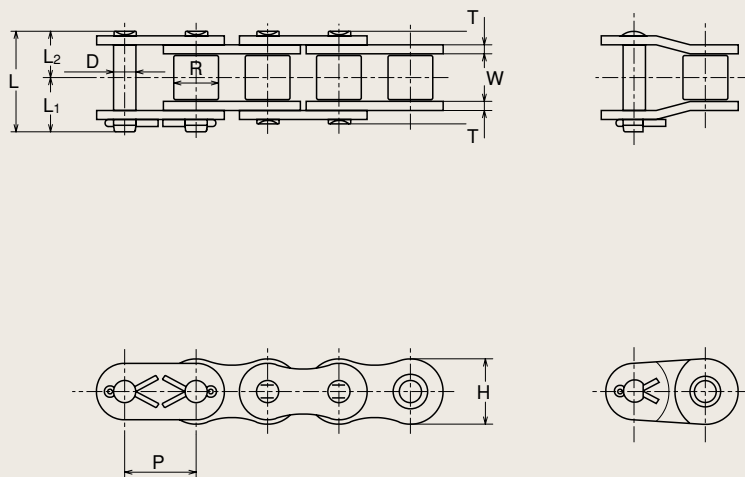


Dimensions of Standard Roller Chains



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	—

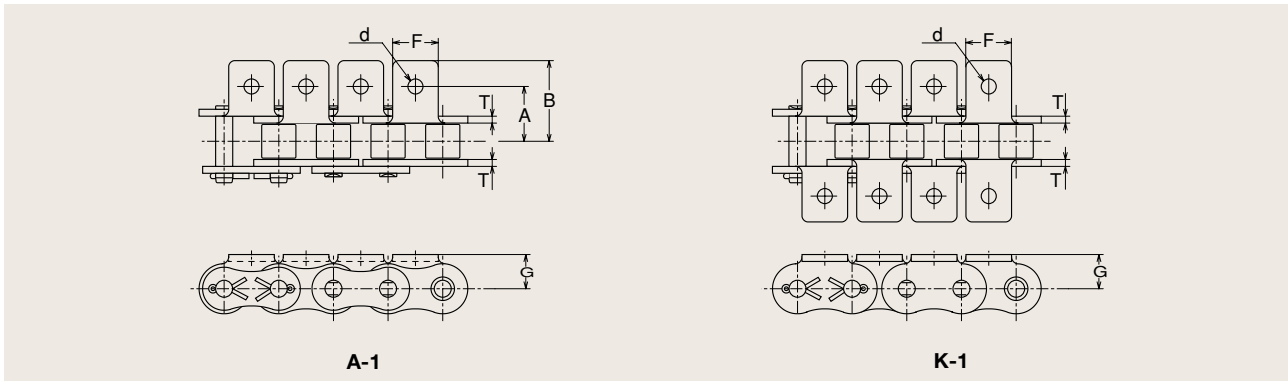
※ indicates bushed chains, so the outer roller diameter is the outer bush diameter.



Steel Conveyor Chains

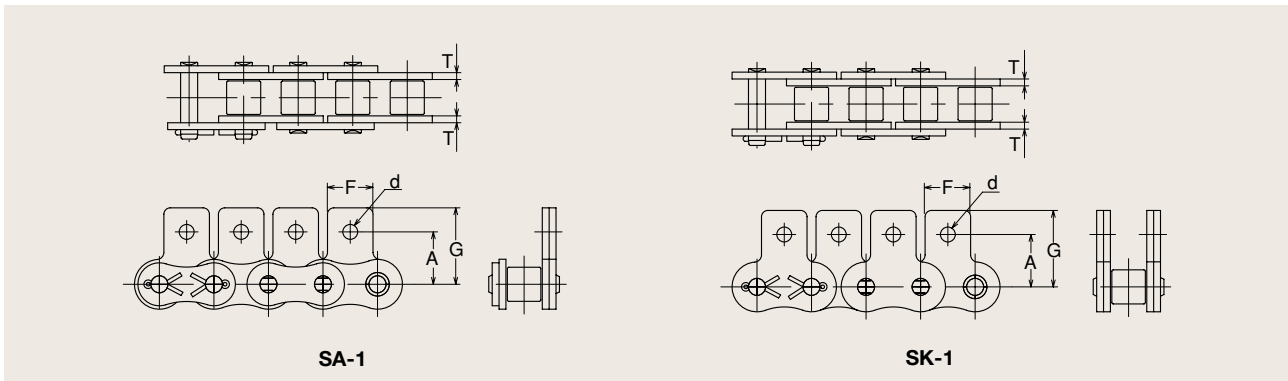
Attachment types and Dimensions

A-1, K-1 Attachment

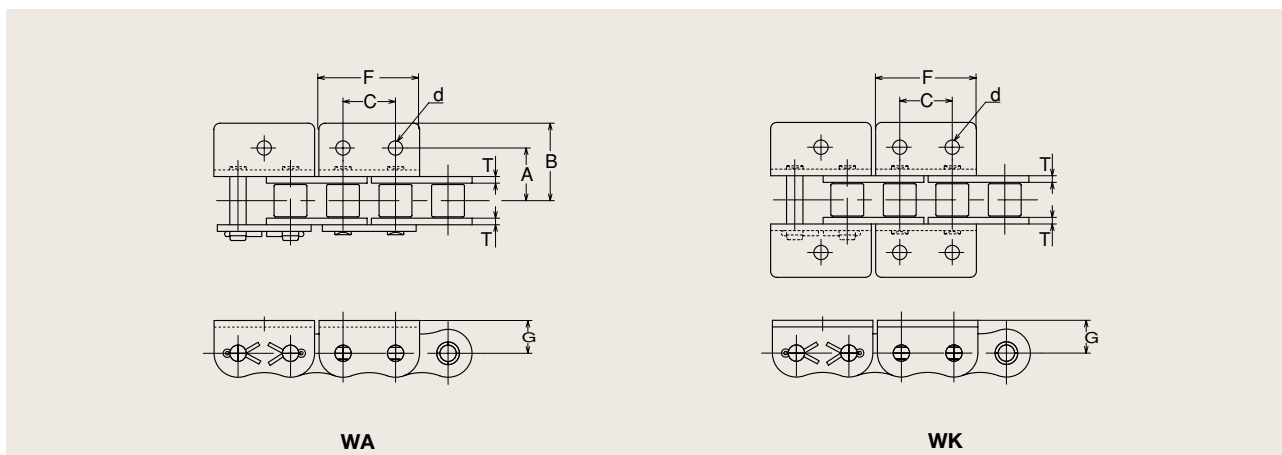


Chain No.	Dimensions (mm)						Added Mass per Attachment (g)	
	A	B	d	F	G	T	A-1	K-1
35	9.5	14.3	3.4	7.9	6.4	1.25	0.9	1.8
40	12.7	17.3	3.6	9.5	7.9	1.5	1.2	2.4
50	15.9	23.3	5.2	12.7	10.3	2.0	4.0	8.0
60	19.1	28.1	5.2	15.9	11.9	2.4	6.5	13.0
80	25.4	35.9	6.8	19.1	15.9	3.2	13.0	26.0
100	31.8	44.3	8.8	25.4	19.8	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

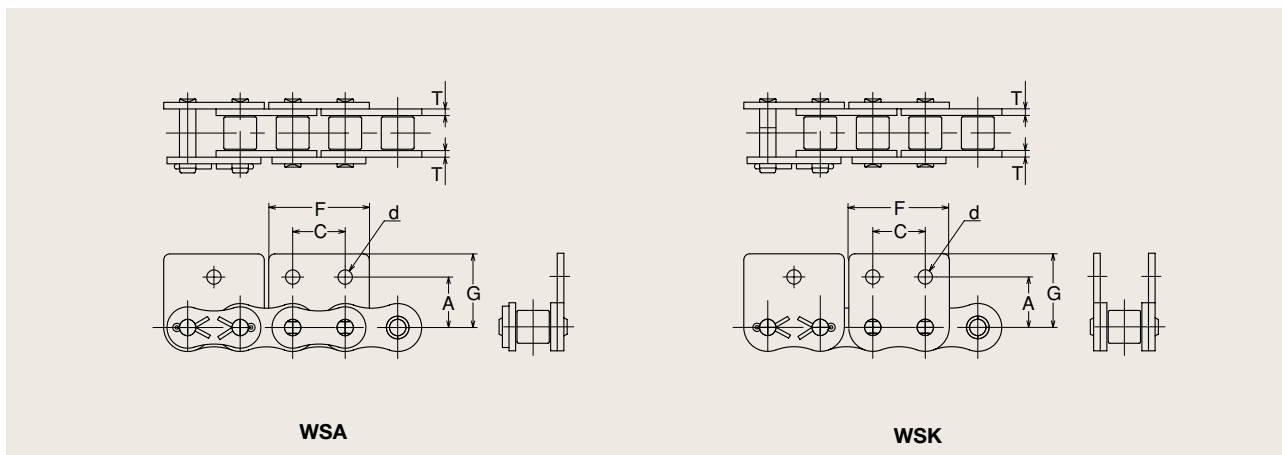
SA-1, SK-1 Attachment



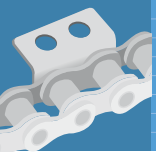
Chain No.	Dimensions (mm)					Added Mass per Attachment (g)	
	A	d	F	G	T	SA-1	SK-1
35	9.5	3.4	7.9	14.5	1.25	0.9	1.8
40	12.7	3.6	9.5	18.5	1.5	1.2	2.4
50	15.9	5.2	12.7	23.0	2.0	4.0	8.0
60	18.3	5.2	15.9	26.7	2.4	6.5	13.0
80	24.6	6.8	19.1	34.5	3.2	13.0	26.0
100	31.8	8.8	25.4	43.0	4.0	27.0	54.0
120	36.6	10.5	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


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

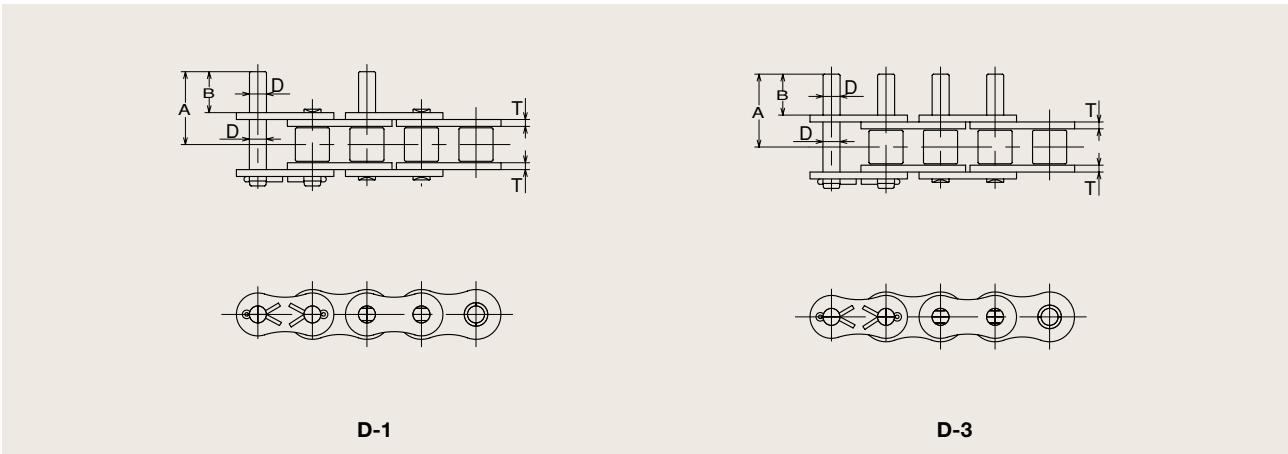
WSA-1, WSA-2, WSK-1, WSK-2 Attachment


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