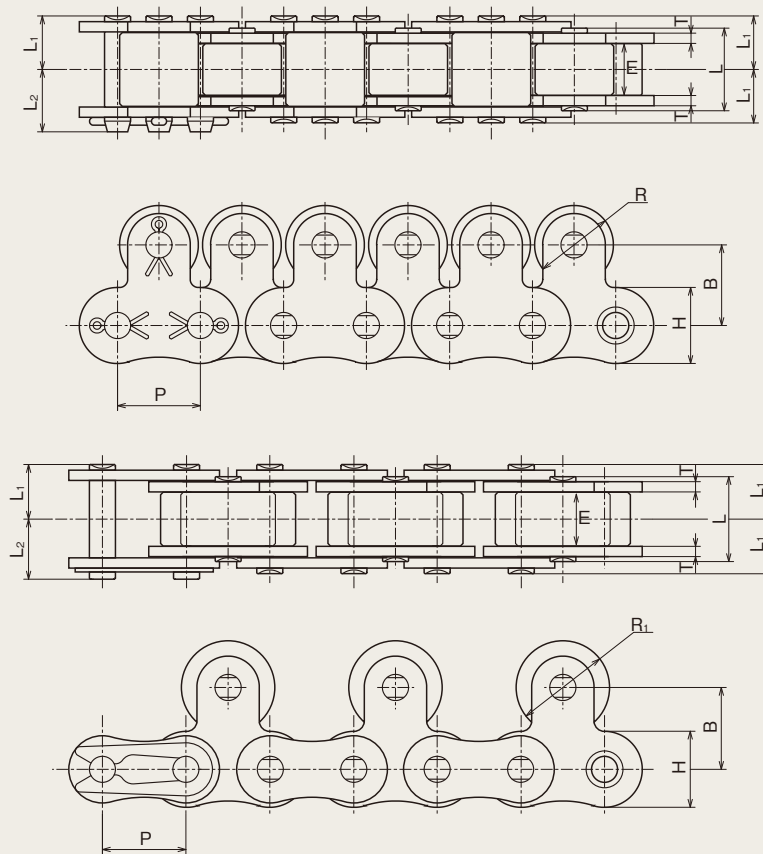




Steel Conveyor Chains

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.