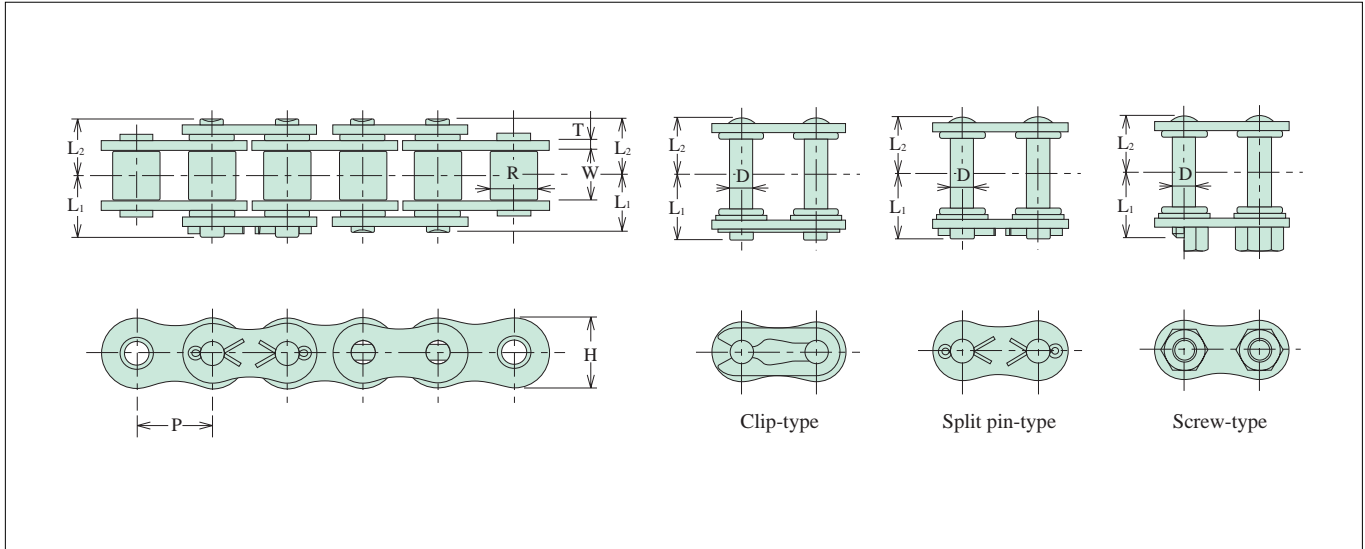


## Lubeless Chains (O-ring Chain)

Loss of oil coverage between pins and bushes is one factor controlling the lifespan of a chain. O-ring chains are equipped with O-rings to prevent this loss of oil coverage. Therefore, these chains are suitable for use in situations where it is difficult or impossible to oil the chain, in environments where oiling (lubricant oil) is not tolerated, or in very dusty environments.



Chain No.	Dimensions - mm								Minimum Ultimate Strength		Maximum Allowable Load		Weight kg/m
	Pitch P	Roller		Pin		Plate							
		Width W	Dia. R	Dia. D	Length L <sub>1</sub> L <sub>2</sub>	Height H	Thickness T	kN	kgf	kN	kgf		
40BO	12.70	7.94	7.94	3.96	9.7	9.7	12.0	1.5	18.1	1850	3.33	340	0.67
50BO	15.875	9.5	10.16	5.08	11.45	11.45	15.0	2.0	31.4	3200	5.88	600	1.11
60BO	19.05	12.7	11.91	5.95	14.3	14.3	17.8	2.4	44.6	4550	8.23	840	1.6
80BO	25.40	15.88	15.88	7.93	18.7	18.7	23.0	3.2	70.6	7200	13.7	1400	2.72
100BO	31.75	19.05	19.05	9.53	22.1	22.1	29.7	4.0	116	11800	20.5	2100	4.27
120BO	38.10	25.4	22.23	11.10	31.5	28.3	35.3	4.8	157	16000	28.4	2900	6.18
140BO	44.45	25.4	25.4	12.7	34.7	30.75	42.2	5.6	204	20800	37.2	3800	7.97
160BO	50.80	31.75	28.58	14.28	41.0	36.65	48.2	6.4	258	26300	49.0	5000	10.32
180BO	57.15	35.72	35.71	17.46	46.0	41.05	54.2	7.2	332	33900	56.8	5800	13.99
200BO	63.5	38.1	39.69	19.84	50.3	44.8	60.3	8.0	425	43300	66.6	6800	17.93
240BO	76.2	47.63	47.63	23.81	61.3	54.85	72.4	9.6	629	64170	92.1	9400	25.48
C2040BO	25.40	7.94	7.94	3.96	11.45	9.7	12.0	1.5	16.7	1700	3.33	340	0.51
C2050BO	31.75	9.53	10.16	5.08	13.6	11.45	15.0	2.0	27.5	2800	5.88	600	0.84
C2060BO	38.10	12.7	11.91	5.95	18.65	15.55	17.0	3.2	44.6	4550	8.23	840	1.43
C2080BO	50.80	15.88	15.88	7.94	19.35	19.35	23.0	4.0	70.6	7200	13.7	1400	2.44

Note: ※ 1. O-ring chains have no offset links.

2. Joint links are clip-type on chain numbers 40BO-80BO, split pin-type on 100BO and 2040BO-C2080BO, and screw-type on 120BO-240BO.

### Caution

O-ring chains have lubricant oil sealed between the pins and bushes. Take care not to spill the sealed oil when separating and joining the chain. The chain will wear very rapidly after the oil leaks out.