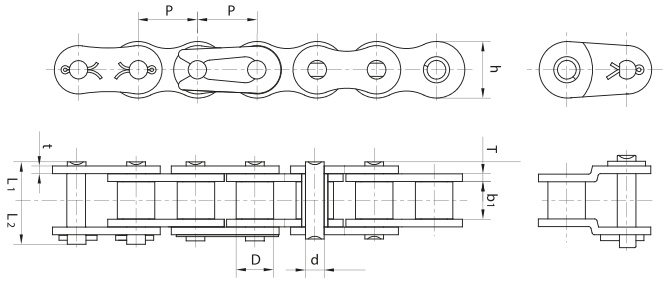
SHORT PITCH ROLLER CHAINS

A SERIES



A SERIES
SHORT PITCH ROLLER CHAINS



DIN/ISO Chain No.	ANSI Chain No.	P mm	b_1 (min) mm	D (max) mm	d mm	L_1 mm	L_2 mm	h mm	t/T mm	Q_{min} kN	Q_0 kN	q kg/m
*04C-1	*25-1	6.35	3.1	3.3	2.31	3.9	4.8	5.9	0.75	3.5	4.6	0.14
*06C-1	*35-1	9.525	4.68	5.08	3.58	6	7.2	9	1.27	7.9	10.6	0.35
08A-1	40-1	12.7	7.85	7.92	3.96	8.3	9.6	12	1.52	13.8	18	0.66
10A-1	50-1	15.875	9.4	10.16	5.08	10.25	11.85	15	2	21.8	31	1.05
12A-1	60-1	19.05	12.57	11.91	5.94	12.65	14.35	18	2.4	31.1	42	1.56
16A-1	80-1	25.4	15.75	15.88	7.92	16.2	17.9	23.5	3.2	55.6	70.2	2.67
20A-1	100-1	31.75	18.9	19.05	9.52	19.8	23.3	30	4	86.7	115	4.04
24A-1	120-1	38.1	25.22	22.23	11.1	25	28.3	35.8	4.9	124.6	170	5.94
28A-1	140-1	44.45	25.22	25.4	12.7	26.9	30.9	41.5	5.6	169	213	7.5
32A-1	160-1	50.8	31.55	28.58	14.27	32.05	35.75	48	6.4	222.4	290	10.2
36A-1	180-1	57.15	35.48	35.71	17.46	36.35	40.75	54	7.2	280.2	340	13.95
40A-1	200-1	63.5	37.85	39.68	19.84	39.55	43.85	59.6	8	347	480	16.86
48A-1	240-1	76.2	47.35	47.63	23.8	47.6	52.4	71.5	9.6	500.4	620	24.25

Q_{min} Kn = Ultimate tensile strenght

Q_0 Kn = Average tensile strength

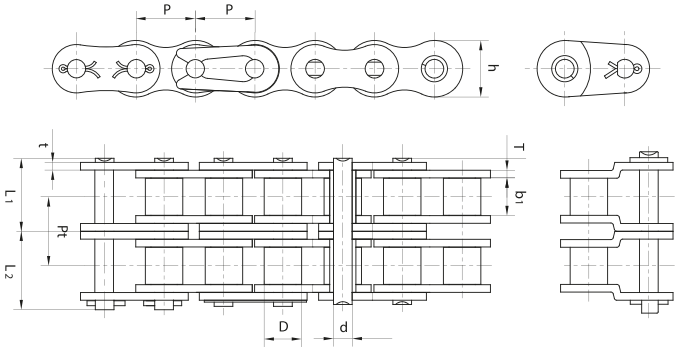
* chains: Bushing chains with no roller;

Connecting Type:

The series less than 16A (including 16A) is preferred for spring clip type;

The series larger than 20A (including 20A) is preferred for cottered type.

A SERIES
SHORT PITCH ROLLER CHAINS



DIN/ISO Chain No.	ANSI Chain No.	P mm	b1 (min) mm	D (max) mm	d mm	L1 mm	L2 mm	h mm	t/T mm	Pt mm	Qmin kN	Q0 kN	q kg/m
*04C-2	*25-2	6.35	3.1	3.3	2.31	7.1	7.9	5.9	0.75	6.4	7	8.6	0.28
*06C-2	*35-2	9.525	4.68	5.08	3.58	11.1	12.3	9	1.27	10.13	15.8	20	0.69
08A-2	40-2	12.7	7.85	7.92	3.96	15.5	16.7	12	1.52	14.38	27.6	34.5	1.3
10A-2	50-2	15.875	9.4	10.16	5.08	19.3	20.7	15	2	18.11	43.6	59.5	2.08
12A-2	60-2	19.05	12.57	11.91	5.94	24.05	25.95	18	2.4	22.78	62.3	80.6	3.09
16A-2	80-2	25.4	15.75	15.88	7.92	30.75	33.15	23.5	3.2	29.29	111.2	134.8	5.29
20A-2	100-2	31.75	18.9	19.05	9.52	37.7	41.1	30	4	35.76	173.5	224.3	8.01
24A-2	120-2	38.1	25.22	22.23	11.1	47.75	51.05	35.8	4.9	45.44	249.1	326.4	11.84
28A-2	140-2	44.45	25.22	25.4	12.7	51.35	55.35	41.5	5.6	48.87	338.1	409	14.89
32A-2	160-2	50.8	31.55	28.58	14.27	61.35	65.05	48	6.4	58.55	444.8	556.8	20.26
36A-2	180-2	57.15	35.48	35.71	17.46	69.25	73.65	54	7.2	65.84	560.8	652.8	27.62
40A-2	200-2	63.5	37.85	39.68	19.84	75.35	79.65	59.6	8	71.55	693.9	921.6	33.64
48A-2	240-2	76.2	47.35	47.63	23.8	91.5	96.3	71.5	9.6	87.83	1000.8	1190.4	48.31

Qmin Kn = Ultimate tensile strenght

Q0 Kn = Average tensile strength

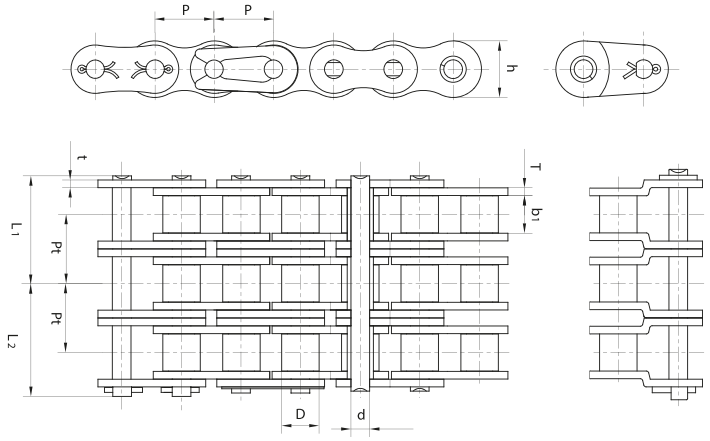
* chains: Bushing chains with no roller;

Connecting Type:

The series less than 16A (including 16A) is preferred for spring clip type;

The series larger than 20A (including 20A) is preferred for cottered type.

A SERIES
SHORT PITCH ROLLER CHAINS



DIN/ISO Chain No.	ANSI Chain No.	P mm	B1 (min) mm	D (max) mm	d mm	L1 mm	L2 mm	h mm	t/T mm	Pt mm	Qmin kN	Q0 kN	q kg/m
*04C-3	*25-3	6.35	3.1	3.3	2.31	10.3	11.2	5.9	0.75	6.4	10.5	12.6	0.42
*06C-3	*35-3	9.525	4.68	5.08	3.58	16.25	17.45	9	1.27	10.13	23.7	30.2	1.03
08A-3	40-3	12.7	7.85	7.92	3.96	22.75	23.95	12	1.52	14.38	41.4	51.3	1.94
10A-3	50-3	15.875	9.4	10.16	5.08	28.25	29.55	15	2	18.11	65.4	88.4	3.11
12A-3	60-3	19.05	12.57	11.91	5.94	35.45	37.35	18	2.4	22.78	93.4	119.7	4.62
16A-3	80-3	25.4	15.75	15.88	7.92	45.46	47.44	23.5	3.2	29.29	166.8	200.1	7.90
20A-3	100-3	31.75	18.9	19.05	9.52	55.6	59.3	30	4	35.76	260.2	327.8	12.01
24A-3	120-3	38.1	25.22	22.23	11.1	70.45	74.05	35.8	4.9	45.44	373.7	484.5	17.68
28A-3	140-3	44.45	25.22	25.4	12.7	75.8	80.1	41.5	5.6	48.87	507.1	607.1	22.26
32A-3	160-3	50.8	31.55	28.58	14.27	90.6	94.4	48	6.4	58.55	667.2	826.5	30.33
36A-3	180-3	57.15	35.48	35.71	17.46	102.15	106.55	54	7.2	65.84	840.6	969	41.3
40A-3	200-3	63.5	37.85	39.68	19.84	111.1	115.4	59.6	8	71.55	1040.9	1368	50.35
48A-3	240-3	76.2	47.35	47.63	23.8	135.4	140.2	71.5	9.6	87.83	1501.3	1767	72.29

Qmin Kn = Ultimate tensile strenght

Q0 Kn = Average tensile strength

* chains: Bushing chains with no roller;

Connecting Type:

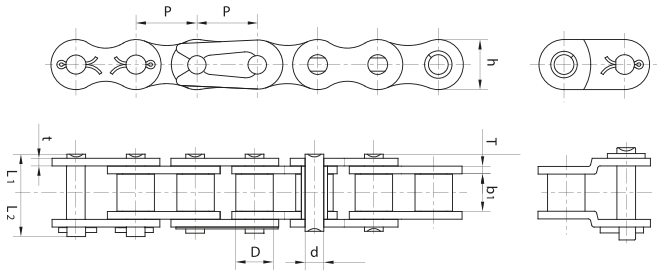
The series less than 16A (including 16A) is preferred for spring clip type;

The series larger than 20A (including 20A) is preferred for cottered type.

SHORT PITCH
ROLLER CHAINS
B SERIES



B SERIES
SHORT PITCH ROLLER CHAINS



DIN/ISO Chain No.	P mm	b1 (min) mm	D (max) mm	d mm	L1 mm	L2 mm	h mm	t/T mm	Qmin kN	Q0 kN	q kg/m
05B-1	8	3	5	2.31	3.9	4.8	7	0.75	4.4	5.9	0.19
06B-1	9.525	5.72	6.35	3.28	6.27	7.23	8.2	1.0/1.27	8.9	10.5	0.39
08B-1	12.7	7.75	8.51	4.45	8.5	9.9	11.8	1.65	17.8	20.5	0.75
10B-1	15.875	9.65	10.16	5.08	9.6	10.9	14.6	1.65	22.2	27.5	0.95
12B-1	19.05	11.68	12.07	5.72	11	12.4	16	1.8	28.9	32.5	1.22
16B-1	25.4	17.02	15.88	8.28	17.65	19.05	20.9	3.2/4	60	71	2.8
20B-1	31.75	19.56	19.05	10.19	20.2	23.8	26	3.6/4.5	95	107	3.9
24B-1	38.1	25.4	25.4	14.63	26.65	31.05	33	5/6	160	178	7.13
28B-1	44.45	30.99	27.94	15.9	32.55	36.45	36.7	6.2/7.5	200	225	9.36
32B-1	50.8	30.99	29.21	17.81	31.8	37.2	41.9	6.2/7	250	278	9.94

Qmin Kn = Ultimate tensile strenght

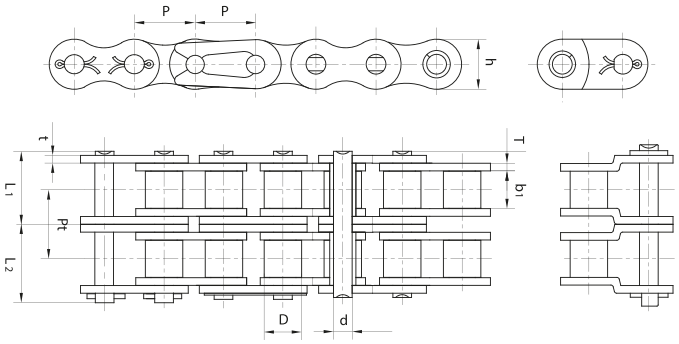
Q0 Kn = Average tensile strength

Connecting Type:

The series less than 16B (including 16B) is preferred for spring clip type;

The series larger than 20B (including 20B) is preferred for cottered type.

B SERIES
SHORT PITCH ROLLER CHAINS



DIN/ISO Chain No.	P mm	b1 (min) mm	D (max) mm	d mm	L1 mm	L2 mm	h mm	t/T mm	Pt mm	Qmin kN	Q0 kN	q kg/m
05B-2	8	3	5	2.31	6.75	7.59	7	0.75	5.64	7.8	10.2	0.38
06B-2	9.525	5.72	6.35	3.28	11.4	12.4	8.2	1.0/1.27	10.24	16.9	18.9	0.74
08B-2	12.7	7.75	8.51	4.45	15.5	16.9	11.8	1.65	13.92	31.1	37	1.47
10B-2	15.875	9.65	10.16	5.08	17.9	19.3	14.6	1.65	16.59	44.5	53.8	1.88
12B-2	19.05	11.68	12.07	5.72	20.75	22.15	16	1.8	19.46	57.8	65.3	2.42
16B-2	25.4	17.02	15.88	8.28	33.6	35	20.9	3.2/4	31.88	106	128.3	5.54
20B-2	31.75	19.56	19.05	10.19	38.45	42.05	26	3.6/4.5	36.45	170	210	7.71
24B-2	38.1	25.4	25.4	14.63	50.85	55.25	33	5/6	48.36	280	313.6	14.09
28B-2	44.45	30.99	27.94	15.9	62.35	66.15	36.7	6.2/7.5	59.56	360	403.2	18.49
32B-2	50.8	30.99	29.21	17.81	62.05	66.45	41.9	6.2/7	58.55	450	504	19.59

Qmin Kn = Ultimate tensile strenght

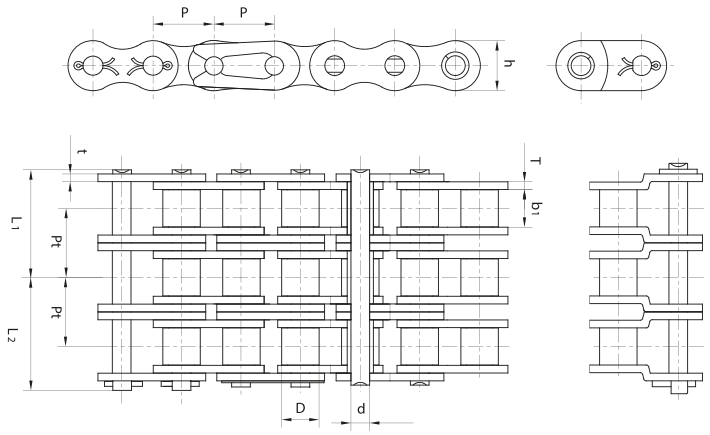
Q0 Kn = Average tensile strength

Connecting Type:

The series less than 16B (including 16B) is preferred for spring clip type;

The series larger than 20B (including 20B) is preferred for cottered type.

B SERIES
SHORT PITCH ROLLER CHAINS



DIN/ISO Chain No.	P mm	b1 (min) mm	D (max) mm	d mm	L1 mm	L2 mm	h mm	t/T mm	Pt mm	Qmin kN	Q0 kN	q kg/m
05B-3	8	3	5	2.31	9.55	10.45	7	0.75	5.64	11.1	13.8	0.56
06B-3	9.525	5.72	6.35	3.28	16.5	17.5	8.2	1.0/1.27	10.24	24.9	30.1	1.1
08B-3	12.7	7.75	8.51	4.45	22.45	23.85	11.8	1.65	13.92	46.65	56	2.18
10B-3	15.875	9.65	10.16	5.08	26.2	27.6	14.6	1.65	16.59	66.7	83.4	2.82
12B-3	19.05	11.68	12.07	5.72	30.5	31.9	16	1.8	19.46	86.7	99.7	3.41
16B-3	25.4	17.02	15.88	8.28	49.55	50.95	20.9	3.2/4	31.88	160	200	8.28
20B-3	31.75	19.56	19.05	10.19	56.65	60.25	26	3.6/4.5	36.45	250	287.5	11.53
24B-3	38.1	25.4	25.4	14.63	75.05	79.45	33	5/6	48.36	425	488.8	20.79
28B-3	44.45	30.99	27.94	15.9	92.15	96.05	36.7	6.2/7.5	59.56	520	592.8	27.78
32B-3	50.8	30.99	29.21	17.81	91.35	95.75	41.9	6.2/7	58.55	507	578.1	29.25

Qmin Kn = Ultimate tensile strenght

Q0 Kn = Average tensile strength

Connecting Type:

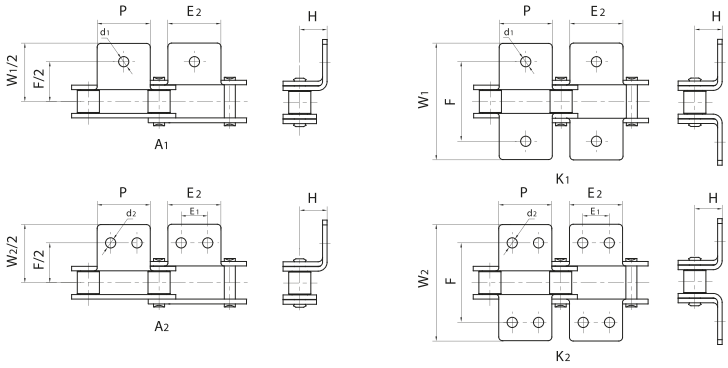
The series less than 16B (including 16B) is preferred for spring clip type;

The series larger than 20B (including 20B) is preferred for cottered type.

DOUBLE PITCH
ROLLER CHAINS

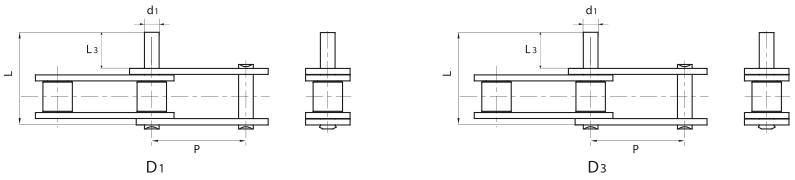


DOUBLE PITCH
ROLLER CHAINS-ATTACHMENTS



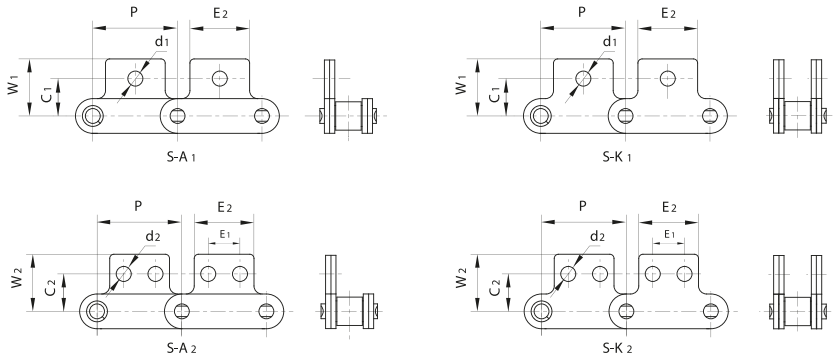
DIN/ISO Chain No.	ANSI Chain No.	P mm	W1 mm	W2 mm	F mm	E1 mm	E2 mm	d1 mm	d2 mm	H mm
C208A	C2040	25.4	39.6	39.6	25.4	9.5	19.1	3.6	3.6	9.1
C208AL	C2042									
C208AHC										
C208AHL										
C2040H	25.4	39.6	39.6	25.4	9.5	19.1	3.6	3.6	9.1	
C2042H										
C208B	/	25.4	39.6	38.6	25.4	12.7	24	4.5	4.5	9.1
C208BL										
C210A	C2050	31.75	48.4	48.4	31.8	11.9	24	5.5	5.2	11.1
C210AL	C2052									
C210AH	C2050H	31.75	48.4	48.4	31.8	11.9	24	5.5	5.2	11.1
C210AHL	C2052H									
C212A	C2060	38.1	61.06	61.06	42.86	14.3	28.6	5.2	5.2	14.7
C212AL	C2062									
C212AH	C2060H	38.1	61.06	61.06	42.86	14.3	28.6	5.5	5.2	14.7
C212AHL	C2062H									
C216A	C2080	50.8	76.2	76.2	55.6	19.1	38.1	6.8	6.8	19.1
C216AL	C2082									
C216AH	C2080H	50.8	79.4	79.4	55.6	19.1	38.1	6.8	6.8	19.1
C216AHL	C2082H									
C220A	C2100	63.5	98.4	98	66.6	23.8	47.5	8.8	9.5	23.4
C220AL	C2102									
C220AH	C2100H	63.5	98.4	98	66.6	23.8	47.5	8.8	9.5	23.4
C220AHL	C2102H									
C224A	C2120	76.2	118.3	118.3	79.3	28.6	57.1	11	11	27.8
C224AL	C2122									
C224AH	C2120H	76.2	118.3	118.3	79.3	28.6	57.1	11	11	27.8
C224AHL	C2122H									

DOUBLE PITCH
ROLLER CHAINS-ATTACHMENTS



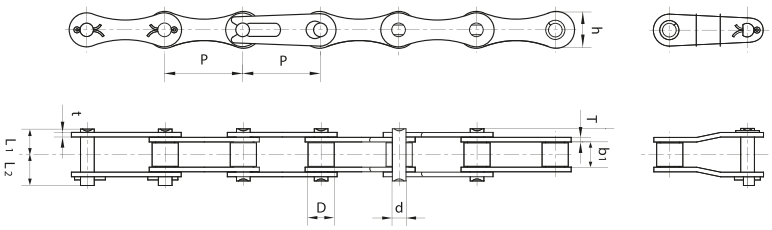
DIN/ISO Chain No.	ANSI Chain No.	P mm	L mm	L3 mm	d1 mm
C208A	C2040	25.4	25	9.5	3.96
C208AL	C2042				
C208AH					
C208AHL					
C2040H	25.4	26.9	9.5	3.96	
C2042H					
C208B	/	25.4	28.6	12.7	4.45
C208BL					
C210A	C2050	31.75	31.2	11.9	5.08
C210AL	C2052				
C210AH	C2050H	31.75	32.8	11.9	5.08
C210AHL	C2052H				
C212A	C2060	38.1	38.3	14.3	5.94
C212AL	C2062				
C212AH	C2060H	38.1	41.6	14.3	5.94
C212AHL	C2062H				
C216A	C2080	50.8	50.2	19.1	7.92
C216AL	C2082				
C216AH	C2080H	50.8	53.2	19.1	7.92
C216AHL	C2082H				
C220A	C2100	63.5	61.5	23.8	9.52
C220AL	C2102				
C220AH	C2100H	63.5	65	23.8	9.52
C220AHL	C2102H				
C224A	C2120	76.2	76.4	28.6	11.1
C224AL	C2122				
C224AH	C2120H	76.2	79.4	28.6	11.1
C224AHL	C2122H				
C232A	C2160	101.6	99.3	38.1	14.27
C232AL	C2162				
C232AH	C2160H	101.6	102.7	38.1	14.27
C232AHL	C2162H				

DOUBLE PITCH
ROLLER CHAINS-ATTACHMENTS



DIN/ISO Chain No.	ANSI Chain No.	P mm	W1 mm	W2 mm	C1 mm	C2 mm	E1 mm	E2 mm	d1 mm	d2 mm
C208A	C2040	25.4	19.4	19.4	11.1	13.5	9.5	19	3.6	3.6
C208AL	C2042									
C208AHC										
C208AHL										
C2040H	25.4	39.6	19.4	11.1	13.5	9.5	19	3.6	3.6	
C2042H										
C208B	/	25.4	19.8	19.8	11.1	13.2	12.7	24	4.5	4.5
C208BL										
C210A	C2050	31.75	24.6	25	14.3	15.9	11.9	23.8	6.35	5.2
C210AL	C2052									
C210AH	C2050H	31.75	24.6	25	14.3	15.9	11.9	23.8	6.35	5.2
C210AHL	C2052H									
C212A	C2060	38.1	30.1	29.8	17.5	19.05	14.3	28.6	8.33	5.2
C212AL	C2062									
C212AH	C2060H	38.1	30.1	29.8	17.5	19.05	14.3	28.6	8.33	5.2
C212AHL	C2062H									
C216A	C2080	50.8	37.4	37.4	22.2	25.5	19.05	38.1	11.0	6.8
C216AL	C2082									
C216AH	C2080H	50.8	37.4	37.4	22.2	25.5	19.05	38.1	11.0	6.8
C216AHL	C2082H									
C220A	C2100	63.5	47.8	47.8	28.6	31.8	23.8	47.5	13.1	8.2
C220AL	C2102									
C220AH	C2100H	63.5	47.8	47.8	28.6	31.8	23.8	47.5	13.1	8.2
C220AHL	C2102H									
C224A	C2120	76.2	63	63	33.3	37.3	28.6	57	15.0	10.5
C224AL	C2122									
C224AH	C2120H	76.2	63	63	33.3	37.3	28.6	57	15.0	10.5
C224AHL	C2122H									

TRANSMISSION DOUBLE PITCH
ROLLER CHAINS



DIN/ISO Chain No.	ANSI Chain No.	P mm	b_1 (min) mm	D (max) mm	d mm	L_1 mm	L_2 mm	h mm	t/T mm	Q_{min} kN	Q_0 kN	q kg/m
208A	2040	25.4	7.85	7.92	3.96	8.3	9.6	12	1.52	13.8	18	0.43
208B	/	25.4	7.75	8.51	4.45	8.5	9.9	11.8	1.65	17.8	20.5	0.49
210A	2050	31.75	9.4	10.16	5.08	10.25	11.85	15	2	21.8	31	0.70
210B	/	31.75	9.65	10.16	5.08	9.6	10.9	14.6	1.65	22.2	27.5	0.63
212A	2060	38.1	12.57	11.91	5.94	12.65	14.35	18	2.4	31.1	42	1.02
212B	/	38.1	11.68	12.07	5.72	11	12.4	16	1.8	28.9	32.5	0.78
216A	2080	50.8	15.75	15.88	7.92	16.2	17.9	23.5	3.2	55.6	70.2	1.76
220A	2100	63.5	18.9	19.05	9.52	19.8	23.3	30	4	86.7	115	2.55
224A	2120	76.2	25.22	22.23	11.1	25	28.3	25.8	4.9	124.6	170	4.06

Q_{min} Kn = Ultimate tensile strenght

Q_0 Kn = Average tensile strength

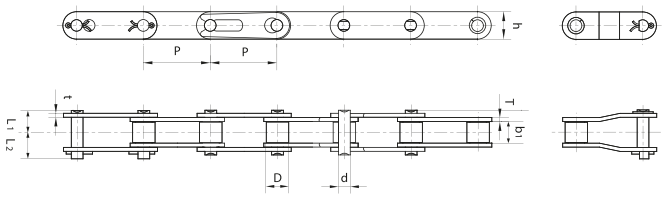
Connecting Type:

The series less than 2060 (including 2060) is preferred for spring clip type;

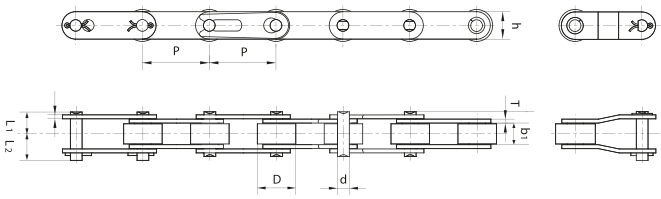
The series larger than 2080 (including 2080) is preferred for cottered type.

CONVEYOR DOUBLE PITCH
ROLLER CHAINS

Standard Roller Type



Oversize Roller Type



DIN/ISO Chain No.	ANSI Chain No.	P mm	b_1 (min) mm	D (max) mm	d mm	L_1 mm	L_2 mm	h mm	t/T mm	Q_{min} kN	Q_0 kN	q kg/m
C208AH	C2040H	25.4	7.85	7.92	3.96	9.25	10.55	12	2	13.8	18	0.64
C208AHL	C2042H	25.4	7.85	15.88	3.96	9.25	10.55	12	2	13.8	18	0.98
C210AH	C2050H	31.75	9.4	10.16	5.08	11.05	12.45	15	2.4	21.8	31	0.96
C210AHL	C2052H	31.75	9.4	19.05	5.08	11.05	12.45	15	2.4	21.8	31	1.41
C212AH	C2060H	38.1	12.57	11.91	5.94	14.3	15.7	18	3.2	31.1	42	1.52
C212AHL	C2062H	38.1	12.57	22.23	5.94	14.3	15.7	18	3.2	31.1	42	2.22
C216AH	C2080H	50.8	15.75	15.88	7.92	17.85	19.25	23.5	4	55.6	70.2	2.53
C216AHL	C2082H	50.8	15.75	28.58	7.92	17.85	19.25	23.5	4	55.6	70.2	3.58
C220AH	C2100H	63.5	18.9	19.05	9.52	21.55	25.05	30	4.9	86.7	115	3.82
C220AHL	C2102H	63.5	18.9	39.67	9.52	21.55	25.05	30	4.9	86.7	115	5.96
C224AH	C2120H	76.2	25.22	22.23	11.1	26.5	20.9	35.8	5.6	124.6	170	5.40
C224AHL	C2122H	76.2	25.22	44.45	11.1	26.5	20.9	35.8	5.6	124.6	170	8.33
C232AH	C2160H	101.6	31.55	28.56	14.27	33.75	37.65	48	7.2	222.4	290	9.08
C232AHL	C2162H	101.6	31.55	57.15	14.27	33.75	37.65	48	7.2	222.4	290	13.69

Q_{min} Kn = Ultimate tensile strenght

Q_0 Kn = Average tensile strength

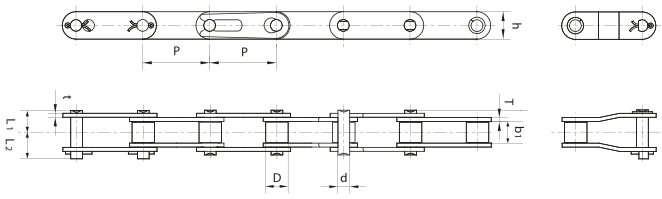
Connecting Type:

The series less than C2060H (including C2060H) is preferred for spring clip type;

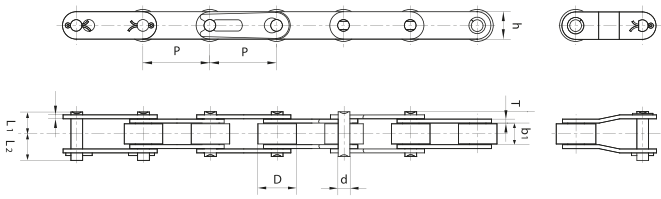
The series larger than C2080H (including C2080H) is preferred for cottered type.

CONVEYOR DOUBLE PITCH
ROLLER CHAINS

Standard Roller Type



Oversize Roller Type



DIN/ISO Chain No.	ANSI Chain No.	P mm	b_1 (min) mm	D (max) mm	d mm	L_1 mm	L_2 mm	h mm	t/T mm	Q_{min} kN	Q_0 kN	q kg/m
C208A	C2040	25.4	7.85	7.92	3.96	8.3	9.6	12	1.52	13.8	18	0.52
C208AL	C2042	25.4	7.85	15.88	3.96	8.3	9.6	12	1.52	13.8	18	0.88
C208B	/	25.4	7.75	8.51	4.45	8.5	9.9	11.8	1.65	17.8	20.5	0.57
C208BL	/	25.4	7.75	15.88	4.45	8.5	9.9	11.8	1.65	17.8	20.5	0.90
C210A	C2050	31.75	9.4	10.16	5.08	10.25	11.85	15	2	21.8	31	0.84
C210AL	C2052	31.75	9.4	19.05	5.08	10.25	11.85	15	2	21.8	31	1.31
C212A	C2060	38.1	12.57	11.91	5.94	12.65	14.35	18	2.4	31.1	42	1.23
C212AL	C2062	38.1	12.57	22.23	5.94	12.65	14.35	18	2.4	31.1	42	1.93
C216A	C2080	50.8	15.75	15.88	7.92	16.2	17.9	23.5	3.2	55.6	70.2	2.13
C216AL	C2082	50.8	15.75	28.58	7.92	16.2	17.9	23.5	3.2	55.6	70.2	3.14
C220A	C2100	63.5	18.9	19.05	9.52	19.8	23.3	30	4	86.7	115	3.26
C220AL	C2102	63.5	18.9	39.67	9.52	19.8	23.3	30	4	86.7	115	5.40
C224A	C2120	76.2	25.22	22.23	11.1	25	28.3	35.8	4.9	124.6	170	4.78
C224AL	C2122	76.2	25.22	44.45	11.1	25	28.3	35.8	4.9	124.6	170	7.78
C232A	C2160	101.6	31.55	28.56	14.27	32.05	35.75	48	6.4	222.4	290	8.25
C232AL	C2162	101.6	31.55	57.15	14.27	32.05	35.75	48	6.4	222.4	290	12.85

Q_{min} Kn = Ultimate tensile strenght

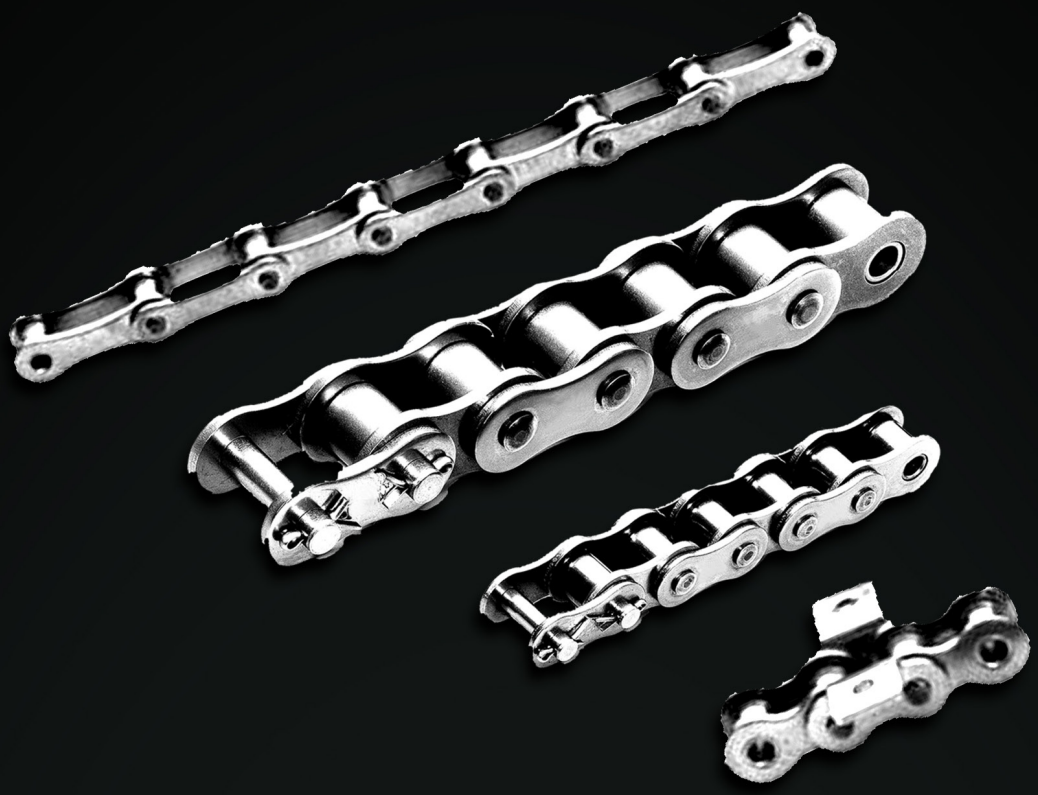
Q_0 Kn = Average tensile strength

Connecting Type:

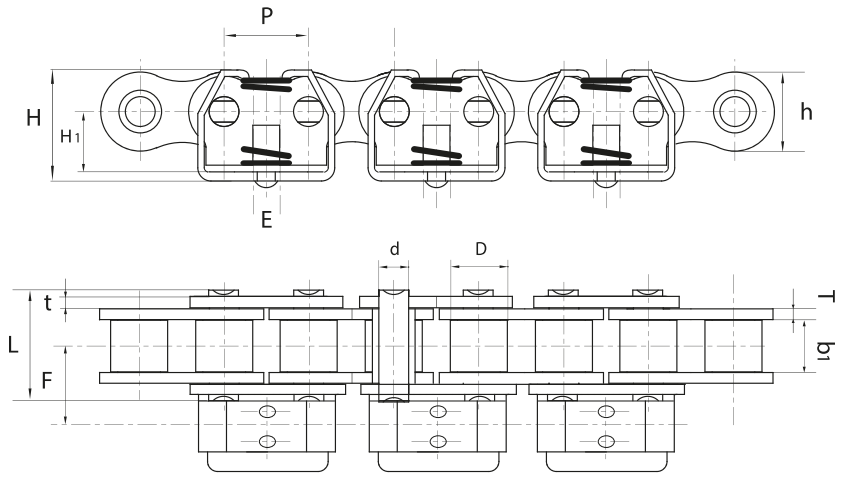
The series less than C2060 (including C2060) is preferred for spring clip type;

The series larger than C2080 (including C2080) is preferred for cottered type.

STAINLESS STEEL ROLLER CHAINS



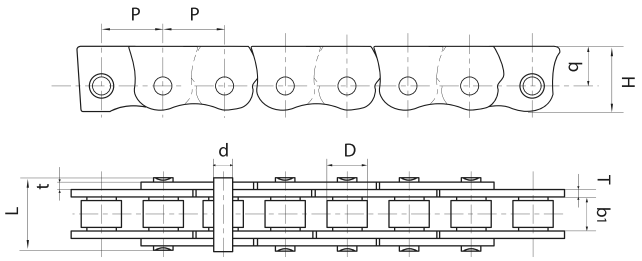
STAINLESS STEEL
SPECIAL ROLLER CHAINS



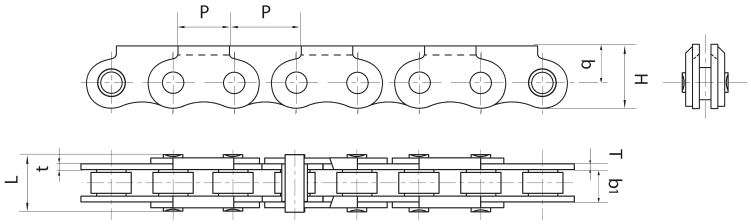
DIN/ISO Chain No.	P mm	b1 (min) mm	D (max) mm	d mm	L mm	h mm	H mm	H1 mm	E mm	F mm	t/T mm	Qmin kN	q kg/m
C08BHOASS	12.7	7.75	8.51	4.45	16.5	11.8	16.3	7.9	20.4	13.9	1.52	10.7	1.13

Qmin Kn = Ultimate tensile strenght.

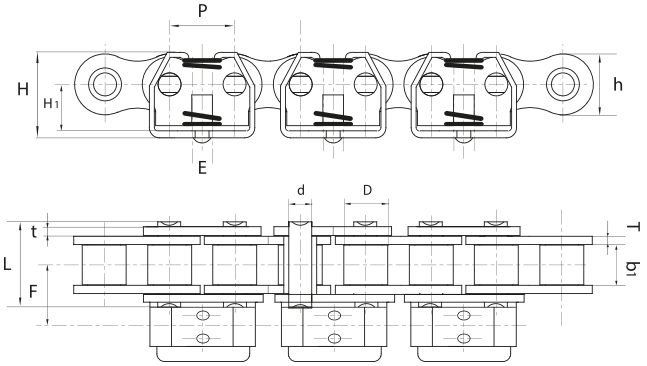
STAINLESS STEEL
SPECIAL ROLLER CHAINS



DIN/ISO Chain	P	b1 (min)	D (max)	d	L	h	H	t/T	Qmin	q
No.	mm	mm	mm	mm	mm	mm	mm	mm	kN	kg/m
C08BSSF15	12.7	7.8	8.51	4.45	16.5	11	16.8	1.52	10	1.02



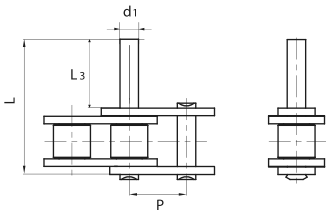
DIN/ISO Chain	P	b1 (min)	D (max)	d	L	h	H	t/T	Qmin	q
No.	mm	mm	mm	mm	mm	mm	mm	mm	kN	kg/m
08HK	12.7	4.08	7.75	4.09	12.5	8.7	14	1.52	8.2	0.60



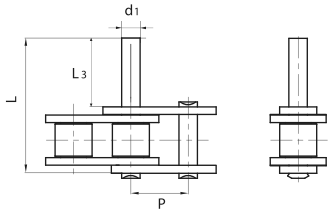
DIN/ISO Chain	P	b1 (min)	D (max)	d	L	h	H	H1	E	F	t/T	Qmin	q
No.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kg/m
C08BHOASS	12.7	7.75	8.51	4.45	16.5	11.8	16.3	7.9	20.4	13.9	1.52	10.7	1.13

Qmin Kn = Ultimate tensile strenght.

STAINLESS STEEL
SHORT PITCH ROLLER CHAINS-ATTACHMENTS



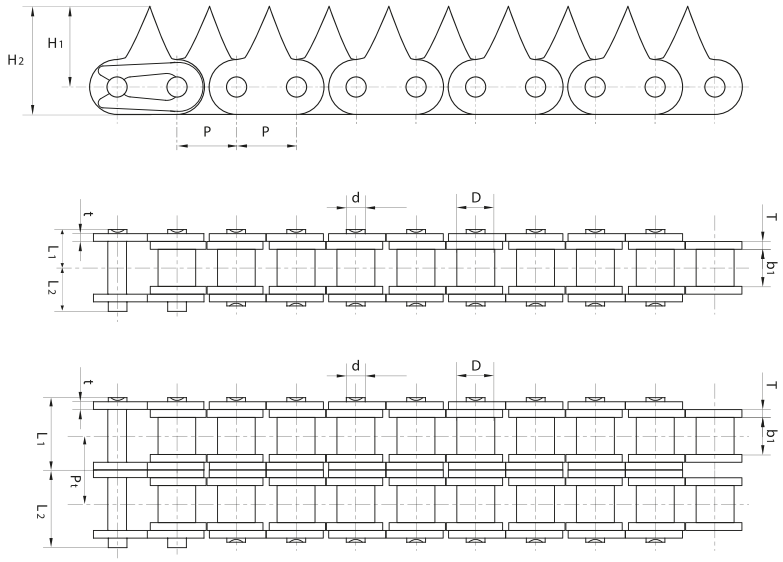
D1



D3

DIN/ISO Chain No.	P mm	L mm	L_3 mm	d_1 mm
40SS	12.7	25	9.5	3.96
50SS	15.875	31.2	11.9	5.08
60SS	19.05	38.3	14.3	5.94
80SS	25.4	50.1	19.05	7.92
100SS	31.75	61.5	23.9	9.52
120SS	38.1	76.4	28.6	11.1
08BSS	12.7	28.6	12.7	4.45
10BSS	15.875	29.9	11.9	5.08
12BSS	19.05	35	14.3	5.72
16BSS	25.4	52.8	19.1	8.28

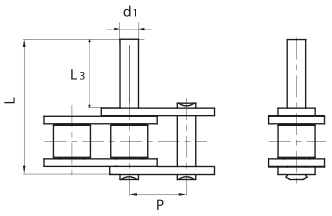
STAINLESS STEEL SPECIAL ROLLER CHAINS



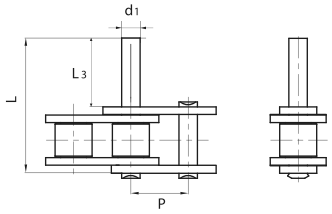
Chain No.	P mm	b_1 (min) mm	D (max) mm	d mm	L_1 mm	L_2 mm	H_1 mm	H_2 mm	t/T mm	Pt mm	Q_{min} kN	q kg/m
C40SS-1-N	7.85	7.92	3.96	8.3	9.6	9.6	17.1	22.6	1.52	/	10.4	0.80
C40SS-2-N	7.85	7.92	3.96	16.95	17.95	17.95	17.1	22.6	1.52	14.38	19.76	1.84

Q_{min} Kn = Ultimate tensile strenght.

STAINLESS STEEL
SHORT PITCH ROLLER CHAINS-ATTACHMENTS

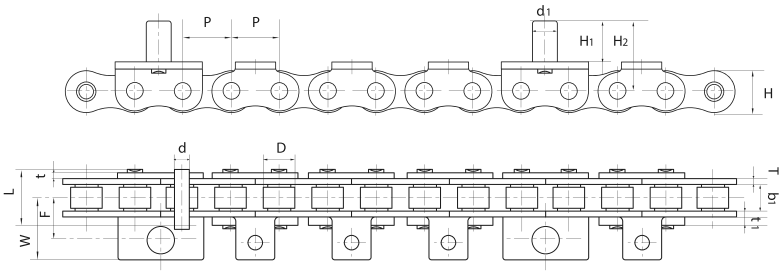


D1

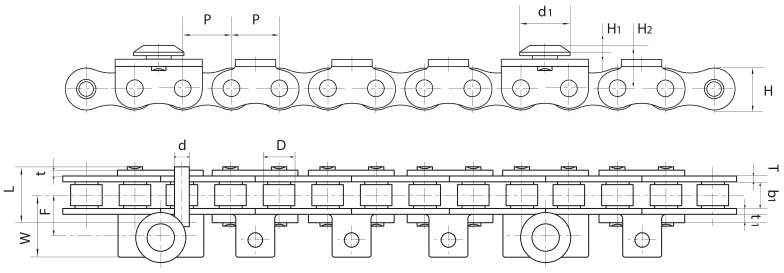


D3

DIN/ISO Chain No.	P mm	L mm	L3 mm	d1 mm
40SS	12.7	25	9.5	3.96
50SS	15.875	31.2	11.9	5.08
60SS	19.05	38.3	14.3	5.94
80SS	25.4	50.1	19.05	7.92
100SS	31.75	61.5	23.9	9.52
120SS	38.1	76.4	28.6	11.1
08BSS	12.7	28.6	12.7	4.45
10BSS	15.875	29.9	11.9	5.08
12BSS	19.05	35	14.3	5.72
16BSS	25.4	52.8	19.1	8.28



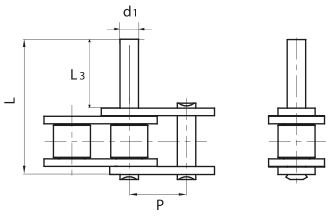
Chain No.	P mm	b1 (min) mm	D (max) mm	d mm	L mm	h mm	t/T mm	d1 mm	H1 mm	H2 mm	t1 mm	F mm	W mm	Qmin kN	q kg/m
C50SS-SK1-N4	15.875	9.4	10.16	5.08	21.9	15	2	10	15	26	3	15.5	22.5	19	1.38



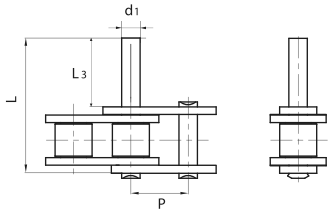
Chain No.	P mm	b1 (min) mm	D (max) mm	d mm	L mm	h mm	t/T mm	d1 mm	H1 mm	H2 mm	t1 mm	F mm	W mm	Qmin kN	q kg/m
C50SS-SK1-N7	15.875	9.4	10.16	5.08	21.9	15	2	18	5.8	16.8	3	15.5	22.5	19	1.38

Qmin Kn = Ultimate tensile strenght.

STAINLESS STEEL
SHORT PITCH ROLLER CHAINS-ATTACHMENTS



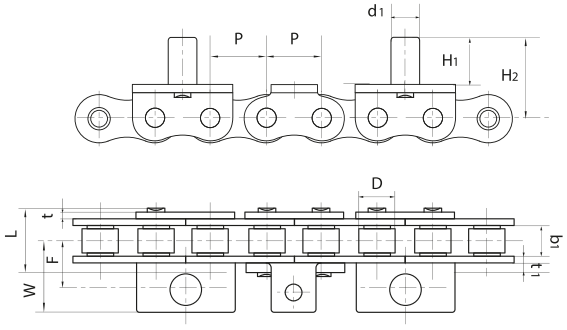
D1



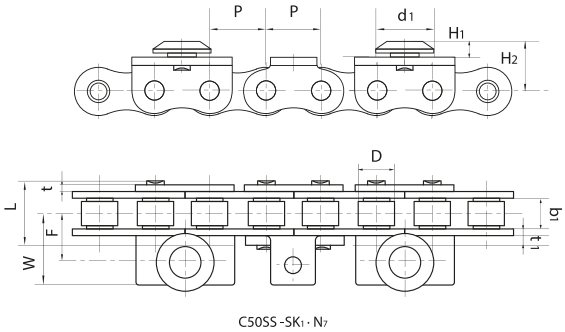
D3

DIN/ISO Chain No.	P mm	L mm	L3 mm	d1 mm
40SS	12.7	25	9.5	3.96
50SS	15.875	31.2	11.9	5.08
60SS	19.05	38.3	14.3	5.94
80SS	25.4	50.1	19.05	7.92
100SS	31.75	61.5	23.9	9.52
120SS	38.1	76.4	28.6	11.1
08BSS	12.7	28.6	12.7	4.45
10BSS	15.875	29.9	11.9	5.08
12BSS	19.05	35	14.3	5.72
16BSS	25.4	52.8	19.1	8.28

STAINLESS STEEL SPECIAL ROLLER CHAINS



C50SS -SK1 · N4

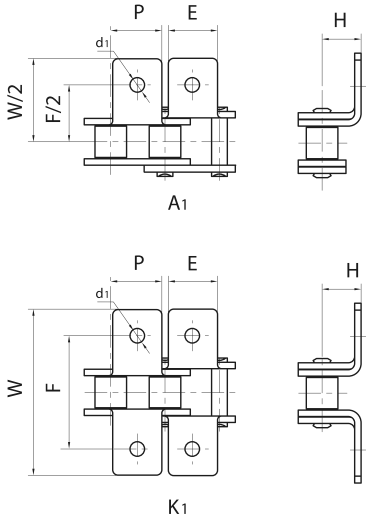


C50SS -SK1 · N7

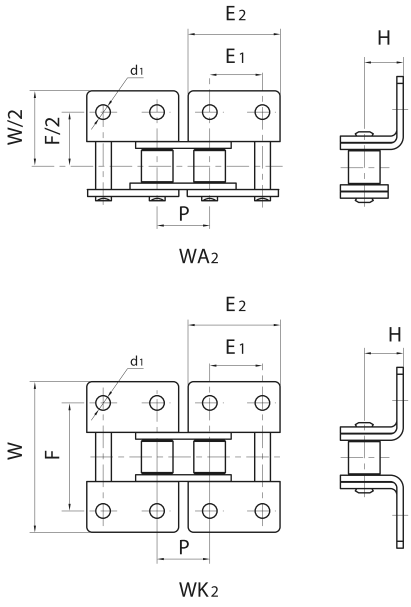
Chain No.	P mm	b1 (min) mm	D (max) mm	L mm	d1 mm	H1 mm	H2 mm	t1 mm	F mm	W mm	Qmin kN	q kg/m
C50SS-SK1·N4	15.875	15.875	10.16	21.9	10	15	26	3	15.5	22.5	19	1.38
C50SS-SK1·N7	15.875	15.875	10.16	21.9	18	5.8	16.8	3	15.5	22.5	19	1.38

Qmin Kn = Ultimate tensile strenght.

STAINLESS STEEL
SHORT PITCH ROLLER CHAINS-ATTACHMENTS

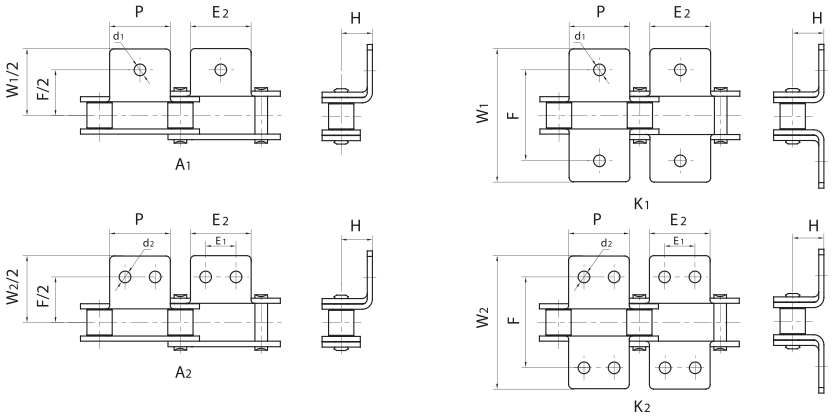


DIN/ISO Chain No.	P mm	W mm	F mm	E mm	d_1 mm	H mm
35SS	9.525	27	19.05	7.94	2.78	6.35
40SS	12.7	34	25.4	9.5	3.6	7.9
50SS	15.875	47.75	31.75	14	5.3	10.3
60SS	19.05	54.8	38.1	15.9	5.2	11.9
80SS	25.4	71.4	50.8	22.2	6.8	15.9
100SS	31.75	84.1	63.5	25.4	8.33	19.84
120SS	38.1	104.8	76.2	28.6	11	23
06BSS	9.525	27	19.05	7.94	3.25	6.35
08BSS	12.7	35.6	25.4	12	4.5	8.9
10BSS	15.875	44.6	31.75	14.3	5.3	10.31
12BSS	19.05	52.3	38.1	15.9	6.4	13.46
16BSS	25.4	72.6	50.8	19.1	6.4	15.88



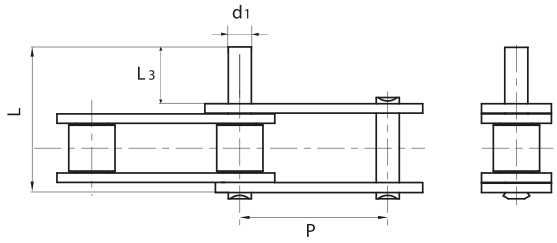
DIN/ISO Chain No.	P mm	W mm	F mm	E_1 mm	E_2 mm	d_1 mm	H mm
40SS	12.7	34	25.4	12.7	23.1	3.6	7.9
50SS	15.875	48.15	31.75	15.875	28.78	5.5	10.3
60SS	19.05	54.8	38.1	19.05	34.59	5.5	11.9
80SS	25.4	71.4	50.8	25.4	45.9	6.6	15.9
100SS	31.75	84.1	63.5	31.75	57.75	9.3	19.84
120SS	38.1	104.8	76.2	38.1	69.1	11	23
08BSS	12.7	35.6	25.4	12.7	23.6	4.5	8.9
10BSS	15.875	44.6	31.75	15.875	29.48	5.3	10.31
12BSS	19.05	52.3	38.1	19.05	35.05	6.4	13.46
16BSS	25.4	72.6	50.8	25.4	46.3	6.4	15.88

STAINLESS STEEL
DOUBLE PITCH ROLLER CHAINS-ATTACHMENTS

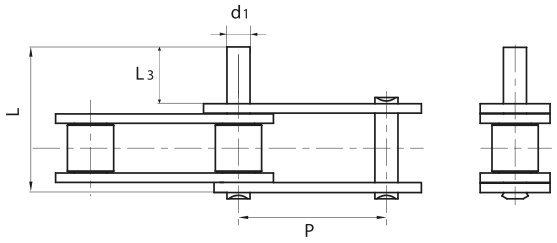


ANSI Chain No.	P mm	W1 mm	W2 mm	F mm	E1 mm	E2 mm	d1 mm	d2 mm	H mm
C2040SS C2042SS C2040HSS C2042HSS	25.4	39.6	39.6	25.4	9.5	19.1	3.6	3.6	9.1
C208BSS C208BLSS	25.4	39.6	38.6	25.4	12.7	24	4.5	4.5	9.1
C2050SS C2052SS	31.75	48.4	48.4	31.8	11.9	24	5.5	5.2	11.1
C2050HSS C2052HSS	31.75	48.4	48.4	31.8	11.9	24	5.5	5.2	11.1
C2060SS C2062SS	38.1	61.06	61.06	42.86	14.3	28.6	5.2	5.2	14.7
C2060HSS C2062HSS	38.1	61.06	61.06	42.86	14.3	28.6	5.5	5.2	14.7
C2080SS C2082SS	50.8	76.2	76.2	55.6	19.1	38.1	6.8	6.8	19.1
C2080HSS C2082HSS	50.8	79.4	79.4	55.6	19.1	38.1	6.8	6.8	19.1
C2100SS C2102SS	63.5	98	98	66.6	23.8	47.5	8.8	9.5	23.4
C2100HSS C2102HSS	63.5	98	98	66.6	23.8	47.5	8.8	9.5	23.4
C2120SS C2122SS	76.2	118.3	118.3	79.3	28.6	57.1	11	11	27.8
C2120HSS C2122HSS	76.2	118.3	118.3	79.3	28.6	57.1	11	11	27.8

STAINLESS STEEL
DOUBLE PITCH ROLLER CHAINS-ATTACHMENTS



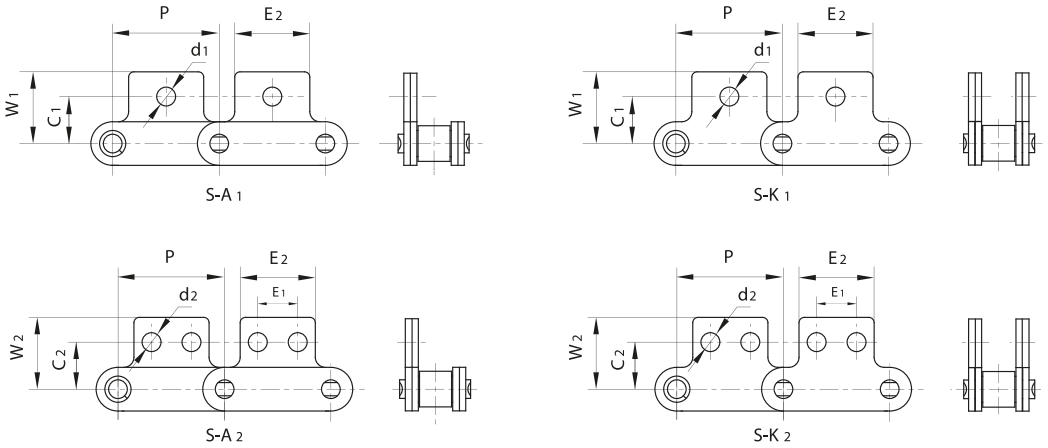
D1



D3

ANSI Chain No.	P mm	L mm	L3 mm	d1 mm
C2040SS	25.4	25	9.5	3.96
C2042SS				
C2040HSS				
C2042HSS				
25.4	26.9	9.5	3.96	
C208BSS	25.4	28.6	12.7	4.45
C208BLSS				
C2050SS	31.75	31.2	11.9	5.08
C2052SS				
C2050HSS	31.75	32.8	11.9	5.08
C2052HSS				
C2060SS	38.1	38.3	14.3	5.94
C2062SS				
C2060HSS	38.1	41.6	14.3	5.94
C2062HSS				
C2080SS	50.8	50.2	19.1	7.92
C2082SS				
C2080HSS	50.8	53.2	19.1	7.92
C2082HSS				
C2100SS	63.5	61.5	23.8	9.52
C2102SS				
C2100HSS	63.5	65	23.8	9.52
C2102HSS				
C2120SS	76.2	76.4	28.6	11.1
C2122SS				
C2120HSS	76.2	79.4	28.6	11.1
C2122HSS				
C2160SS	101.6	99.3	38.1	14.27
C2162SS				
C2160HSS	101.6	102.7	38.1	14.27
C2162HSS				

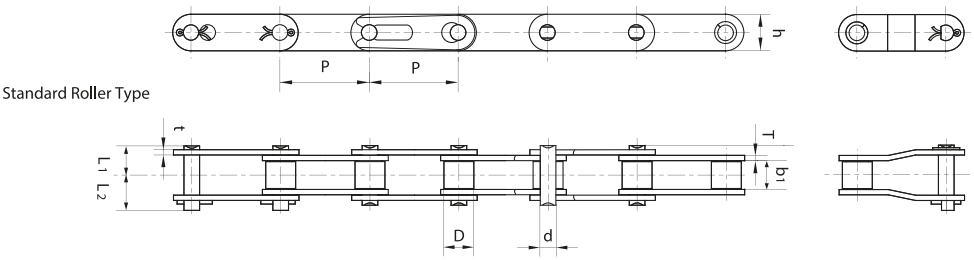
STAINLESS STEEL
DOUBLE PITCH ROLLER CHAINS-ATTACHMENTS



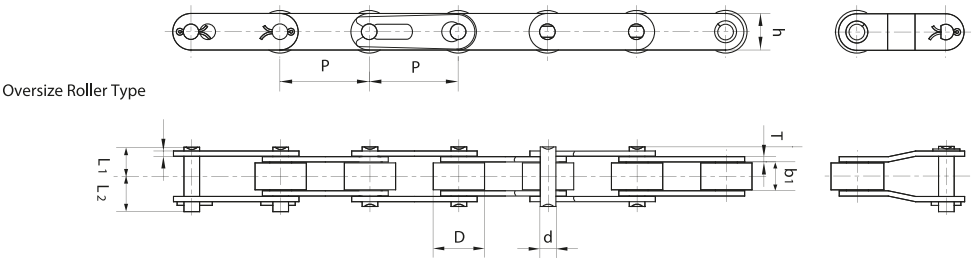
ANSI Chain No.	P mm	W1 mm	W2 mm	C1 mm	C2 mm	E1 mm	E2 mm	d1 mm	d2 mm
C2040SS C2042SS C2040HSS C2042HSS	25.4	19.4	19.4	11.1	13.5	9.5	19	3.6	3.6
25.4	39.6	19.4	11.1	13.5	9.5	19	3.6	3.6	
C208BSS C208BLSS	25.4	19.8	19.8	11.1	13.2	12.7	24	4.5	4.5
C2050SS C2052SS	31.75	24.6	25	14.3	15.9	11.9	23.8	6.35	5.2
C2050HSS C2052HSS	31.75	24.6	25	14.3	15.9	11.9	23.8	6.35	5.2
C2060SS C2062SS	38.1	30.1	29.8	17.5	19.05	14.3	28.6	8.33	5.2
C2060HSS C2062HSS	38.1	30.1	29.8	17.5	19.05	14.3	28.6	8.33	5.2
C2080SS C2082SS	50.8	37.4	37.4	22.2	25.5	19.05	38.1	11.0	6.8
C2080HSS C2082HSS	50.8	37.4	37.4	22.2	25.5	19.05	38.1	11.0	6.8
C2100SS C2102SS	63.5	47.8	47.8	28.6	31.8	23.8	47.5	13.1	8.2
C2100HSS C2102HSS	63.5	47.8	47.8	28.6	31.8	23.8	47.5	13.1	8.2
C2120SS C2122SS	76.2	63	63	33.3	37.3	28.6	57	15.0	10.5
C2120HSS C2122HSS	76.2	63	63	33.3	37.3	28.6	57	15.0	10.5

STAINLESS STEEL
CONVEYOR DOUBLE PITCH ROLLER CHAINS

Standard Roller Type



Oversize Roller Type



ANSI Chain No.	P mm	b_1 (min) mm	D (max) mm	d mm	L_1 mm	L_2 mm	h mm	t/T mm	Q_{min} kN	q kg/m
C2040HSS	25.4	7.85	7.92	3.96	9.25	10.55	12	2	10.4	0.63
C2042HSS	25.4	7.85	15.88	3.96	9.25	10.55	12	2	10.4	0.97
C2050HSS	31.75	9.4	10.16	5.08	11.05	12.45	15	2.4	19	0.95
C2052HSS	31.75	9.4	19.05	5.08	11.05	12.45	15	2.4	19	1.41
C2060HSS	38.1	12.57	11.91	5.94	14.3	15.7	18	3.2	24	1.51
C2062HSS	38.1	12.57	22.23	5.94	14.3	15.7	18	3.2	24	2.20
C2080HSS	50.8	15.75	15.88	7.92	17.85	19.25	23.5	4	42.8	2.20
C2082HSS	50.8	15.75	28.58	7.92	17.85	19.25	23.5	4	42.8	3.52
C2100HSS	63.5	18.9	19.05	9.52	21.55	25.05	30	4.9	58	3.77
C2102HSS	63.5	18.9	39.67	9.52	21.55	25.05	30	4.9	58	5.89
C2120HSS	76.2	25.22	22.23	11.1	26.5	20.9	35.8	5.6	78	5.29
C2122HSS	76.2	25.22	44.45	11.1	26.5	20.9	35.8	5.6	78	8.22

Q_{min} Kn = Ultimate tensile strenght.

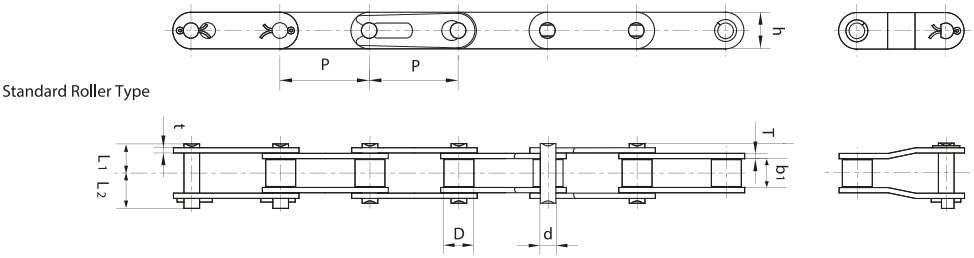
Connecting Type:

The series less than C2060HSS (including C2060HSS) is preferred for spring clip type;

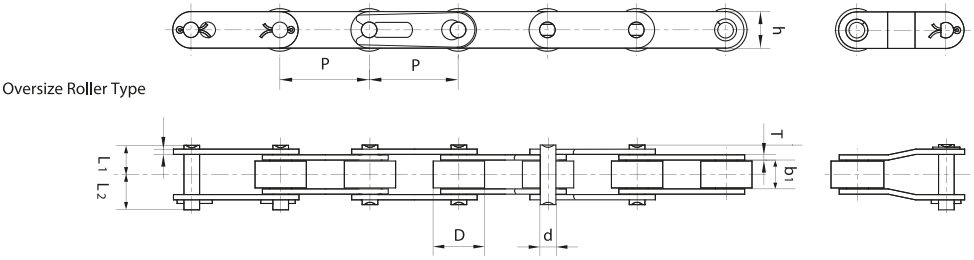
The series larger than C2080HSS (including C2080HSS) is preferred for cottered type.

STAINLESS STEEL
CONVEYOR DOUBLE PITCH ROLLER CHAINS

Standard Roller Type



Oversize Roller Type



ANSI Chain No.	P mm	b_1 (min) mm	D (max) mm	d mm	L_1 mm	L_2 mm	h mm	t/T mm	Q_{min} kN	q kg/m
C2040SS	25.4	7.85	7.92	3.96	8.3	9.6	12	1.52	10.4	0.52
C2042SS	25.4	7.85	15.88	3.96	8.3	9.6	12	1.52	10.4	0.86
C208BSS	25.4	7.75	8.51	4.45	8.5	9.9	11.8	1.65	11.3	0.56
C208BLSS	25.4	7.75	15.88	4.45	8.5	9.9	11.8	1.65	11.3	0.88
C2050SS	31.75	9.4	10.16	5.08	10.25	11.85	15	2	19	0.83
C2052SS	31.75	9.4	19.05	5.08	10.25	11.85	15	2	19	1.29
C2060SS	38.1	12.57	11.91	5.94	12.65	14.35	18	2.4	24	1.20
C2062SS	38.1	12.57	22.23	5.94	12.65	14.35	18	2.4	24	1.91
C2080SS	50.8	15.75	15.88	7.92	16.2	17.9	23.5	3.2	42.8	2.10
C2082SS	50.8	15.75	28.58	7.92	16.2	17.9	23.5	3.2	42.8	3.12
C2100SS	63.5	18.9	19.05	9.52	19.8	23.3	30	4	58	3.22
C2102SS	63.5	18.9	39.67	9.52	19.8	23.3	30	4	58	5.33
C2120SS	76.2	25.22	22.23	11.1	25	28.3	35.8	4.9	78	4.72
C2122SS	76.2	25.22	44.45	11.1	25	28.3	35.8	4.9	78	7.72

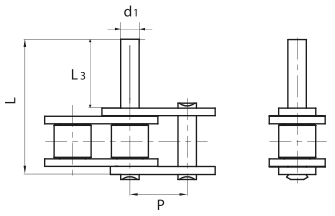
Q_{min} Kn = Ultimate tensile strenght.

Connecting Type:

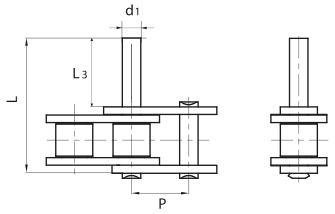
The series less than C2060SS (including C2060SS) is preferred for spring clip type;

The series larger than C2080SS (including C2080SS) is preferred for cottered type.

STAINLESS STEEL
SHORT PITCH ROLLER CHAINS-ATTACHMENTS



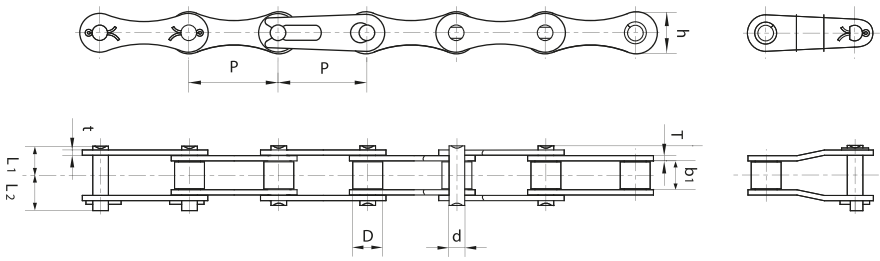
D1



D3

DIN/ISO Chain No.	P mm	L mm	L3 mm	d1 mm
40SS	12.7	25	9.5	3.96
50SS	15.875	31.2	11.9	5.08
60SS	19.05	38.3	14.3	5.94
80SS	25.4	50.1	19.05	7.92
100SS	31.75	61.5	23.9	9.52
120SS	38.1	76.4	28.6	11.1
08BSS	12.7	28.6	12.7	4.45
10BSS	15.875	29.9	11.9	5.08
12BSS	19.05	35	14.3	5.72
16BSS	25.4	52.8	19.1	8.28

STAINLESS STEEL TRANSMISSION DLOUBLE ROLLER CHAINS



ANSI Chain No.	P mm	b1 (min) mm	D (max) mm	d mm	L1 mm	L2 mm	h mm	t/T mm	Qmin kN	q kg/m
C2040HSS	25.4	7.85	7.92	3.96	8.3	9.6	12	1.52	10.4	0.42
C2050HSS	31.75	9.4	10.16	5.08	10.25	11.85	15	2	19	0.69
C2060HSS	38.1	12.57	11.91	5.94	12.65	14.35	18	2.4	24	1.01
C2080HSS	50.8	15.75	15.88	7.92	16.2	17.9	23.5	3.2	42.8	1.74

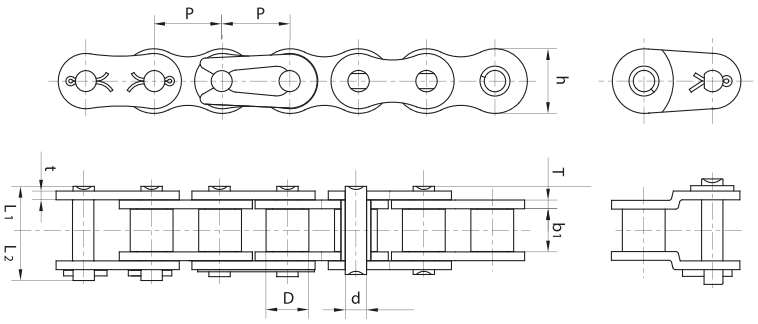
Qmin Kn = Ultimate tensile strenght.

Connecting Type:

The series less than C2060SS (including C2060SS) is preferred for spring clip type;

The series larger than C2080SS (including C2080SS) is preferred for cottered type.

A, B SERIES STAINLESS STEEL
SHORT PITCH ROLLER CHAINS-ATTACHMENTS



DIN/ISO Chain No.	P mm	b_1 (min) mm	D (max) mm	d mm	L_1 mm	L_2 mm	h mm	t/T mm	Q_{min} kN	q kg/m
*25SS-1	6.35	3.1	3.3	2.31	3.9	4.8	5.9	0.75	2.34	0.14
*35SS-1	9.525	4.68	5.08	3.58	6	7.2	9	1.27	6	0.35
41SS-1	12.7	6.25	7.77	3.58	6.85	8.25	9.8	1.27	4.7	0.44
40SS-1	12.7	7.85	7.92	3.96	8.3	9.6	12	1.52	10.4	0.65
50SS-1	15.875	9.4	10.16	5.08	10.25	11.85	15	2	19	1.04
60SS-1	19.05	12.57	11.91	5.94	12.65	14.35	18	2.4	24	1.54
80SS-1	25.4	15.75	15.88	7.92	16.35	17.75	23.5	3.2	42.8	2.64
100SS-1	31.75	18.9	19.05	9.52	19.8	23.3	30	4	58	3.98
120SS-1	38.1	25.22	22.23	11.1	25	28.3	35.8	4.9	78	5.87
03BSS-1	5	2.5	3.2	1.49	3.1	4.1	4.1	0.6	1.3	0.09
04BSS-1	6	2.8	4	1.85	3.3	4.2	5	0.6	1.3	0.12
05BSS-1	8	3	5	2.31	3.9	4.8	7	0.75	3.5	0.18
06BSS-1	9.525	5.72	6.35	3.28	6.27	7.23	8.2	1.0/1.27	5.4	0.38
08BSS-1	12.7	7.75	8.51	4.45	8.5	9.9	11.8	1.65	11.3	0.74
10BSS-1	15.875	9.65	10.16	5.08	9.6	10.9	14.6	1.65	14.9	0.95
12BSS-1	19.05	11.68	12.07	5.72	11	12.4	16	1.8	17.5	1.22
16BSS-1	25.4	17.02	15.88	8.28	17.65	19.05	20.9	3.2/4	42	2.77
20BSS-1	31.75	19.56	19.05	10.19	20.2	23.8	26	3.6/4.5	60	3.84
24BSS-1	38.1	25.4	25.4	14.63	26.65	31.05	33	5/6	92.8	7.04

Q_{min} Kn = Ultimate tensile strenght.

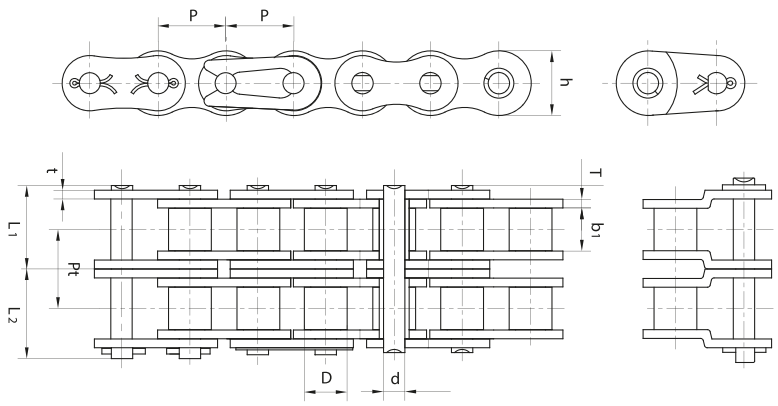
* Chains: Bushing chains with no roller;

Connecting Type:

The series less than 80SS, 16BSS (including 80SS, 16BSS) is preferred for spring clip type;

The series larger than 100SS, 20BSS (including 100SS, 20BSS) is preferred for cottered type.

A, B SERIES STAINLESS STEEL
SHORT PITCH ROLLER CHAINS



DIN/ISO Chain No.	P mm	b1 (min) mm	D (max) mm	d mm	L1 mm	L2 mm	H mm	t/T mm	Pt mm	Qmin kN	q kg/m
*25SS-2	6.35	3.1	3.3	2.31	7.1	7.9	5.9	0.75	6.4	4.45	0.27
*35SS-2	9.525	4.68	5.08	3.58	11.1	12.3	9	1.27	10.13	11.4	0.69
40SS-2	12.7	7.85	7.92	3.96	15.5	16.7	12	1.52	14.38	19.76	1.30
50SS-2	15.875	9.4	10.16	5.08	19.3	20.7	15	2	18.11	36.1	2.06
60SS-2	19.05	12.57	11.91	5.94	24.05	25.95	18	2.4	22.78	45.6	3.06
80SS-2	25.4	15.75	15.88	7.92	31	32.4	23.5	3.2	29.29	81.32	5.26
100SS-2	31.75	18.9	19.05	9.52	37.7	41.1	30	4	35.76	110.2	7.90
120SS-2	38.1	25.22	22.23	11.1	47.75	51.05	35.8	4.9	45.44	148.2	11.68
05BSS-2	8	3	5	2.31	6.75	7.59	7	0.75	5.64	6.65	0.36
06BSS-2	9.525	5.72	6.35	3.28	11.4	12.4	8.2	1.0/1.27	10.24	10.26	0.74
08BSS-2	12.7	7.75	8.51	4.45	15.5	16.9	11.8	1.65	13.92	21.47	1.45
10BSS-2	15.875	9.65	10.16	5.08	17.9	19.3	14.6	1.65	16.59	28.31	1.88
12BSS-2	19.05	11.68	12.07	5.72	20.75	22.15	16	1.8	19.46	33.25	2.42
16BSS-2	25.4	17.02	15.88	8.28	33.6	35	20.9	3.2/4	21.88	79.8	5.47
20BSS-2	31.75	19.56	19.05	10.19	38.45	42.05	26	3.6/4.5	36.45	114	7.61
24BSS-2	38.1	25.4	25.4	14.63	50.85	55.25	33	5/6	48.36	176.3	13.91

Qmin Kn = Ultimate tensile strenght.

* Chains: Bushing chains with no roller;

Connecting Type:

The series less than 80SS, 16BSS (including 80SS, 16BSS) is preferred for spring clip type;

The series larger than 100SS, 20BSS (including 100SS, 20BSS) is preferred for cottered type.