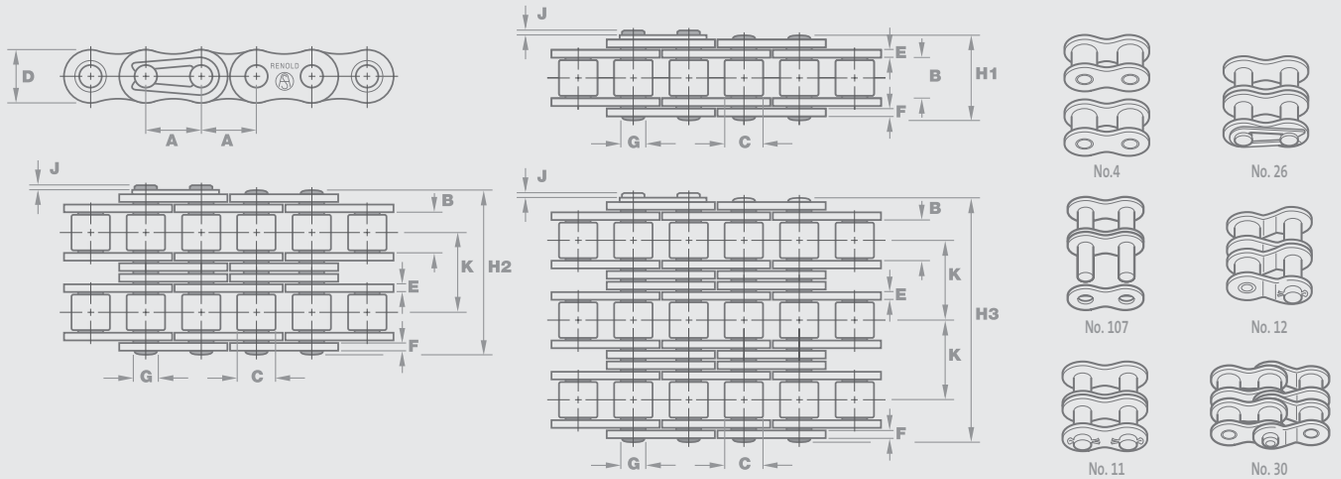


Renold SD Roller Chain

Standard Duty Chain



Chain Ref.		Technical Details (mm)													Connecting Links
Renold Chain No.	ISO Ref.	Pitch (inch)	Pitch (mm)	Inside Width	Roller Diam. MIN	Plate Height MAX	Plate Width Inner MAX	Plate Width Outer MAX	Pin Diam. MAX	Pin Length MAX	Conn. Link Extension MAX	Transverse Pitch NOM	ISO606 Tensile Strength (NEWTONS) MIN	Weight kg/m	

European (BS) Standard - Simplex

		A	A	B	C	D	E	F	G	H1	J	K			
SD05B-1	05B-1	-	8.000	3.00	5.00	7.11	0.75	0.75	2.31	8.0	8.9	-	4400	0.20	4 107 26 30
SD06B-1*	06B-1	0.375	9.525	5.72	6.35	8.20	1.25	1.00	3.28	13.2	14.2	-	8900	0.41	4 107 26 30
SD08B-1	08B-1	0.500	12.700	7.75	8.51	11.80	1.50	1.50	4.45	16.7	18.0	-	17800	0.69	4 107 26 30
SD10B-1	10B-1	0.625	15.875	9.65	10.16	14.70	1.65	1.65	5.08	19.6	21.0	-	22200	0.96	4 107 26 30
SD12B-1	12B-1	0.750	19.050	11.68	12.07	16.10	1.80	1.80	5.72	22.5	24.0	-	28900	1.22	4 107 26 30
SD16B-1	16B-1	1.000	25.400	17.02	15.88	21.05	4.00	3.20	8.28	36.0	37.2	-	60000	2.80	4 107 26 12 30
SD20B-1	20B-1	1.250	31.750	19.56	19.05	26.30	4.50	3.50	10.19	41.1	44.7	-	95000	3.85	4 107 26 12
SD24B-1	24B-1	1.500	38.100	25.40	25.40	33.30	6.00	5.20	14.63	53.3	57.5	-	160000	7.45	4 107 11 12
SD28B-1	28B-1	1.750	44.450	30.99	27.94	36.90	7.40	6.40	15.90	64.8	69.5	-	200000	9.35	4 107 11 12
SD32B-1	32B-1	2.000	50.800	30.99	29.21	42.10	7.10	6.40	17.81	66.2	71.0	-	250000	10.10	4 107 26 12

European (BS) Standard - Duplex

		A	A	B	C	D	E	F	G	H1	J	K			
SD06B-2*	06B-2	0.375	9.525	5.72	6.35	8.20	1.25	1.00	3.28	23.5	24.5	10.24	16900	0.77	4 107 26 30
SD08B-2	08B-2	0.500	12.700	7.75	8.51	11.80	1.50	1.50	4.45	31.0	32.1	13.92	31100	1.34	4 107 26 30
SD10B-2	10B-2	0.625	15.875	9.65	10.16	14.70	1.65	1.65	5.08	36.2	37.5	16.59	44500	1.84	4 107 26 30
SD12B-2	12B-2	0.750	19.050	11.68	12.07	16.10	1.80	1.80	5.72	42.1	43.6	19.46	57800	2.31	4 107 26 30
SD16B-2	16B-2	1.000	25.400	17.02	15.88	21.05	4.00	3.20	8.2	67.5	69.1	31.88	106000	5.42	4 107 26 12
SD20B-2	20B-2	1.250	31.750	19.56	19.05	26.30	4.50	3.50	10.19	77.2	80.9	36.45	170000	7.20	4 107 26 12
SD24B-2	24B-2	1.500	38.100	25.40	25.40	33.30	6.00	5.20	14.63	101.6	105.9	48.36	280000	13.40	4 107 11 12
SD28B-2	28B-2	1.750	44.450	30.99	27.94	36.90	7.40	6.40	15.90	124.1	129.1	59.56	360000	16.60	4 107 11 12
SD32B-2	32B-2	2.000	50.800	30.99	29.21	42.10	7.10	6.40	17.81	124.6	129.6	58.55	450000	21.00	4 107 11 12

*Only with straight plates

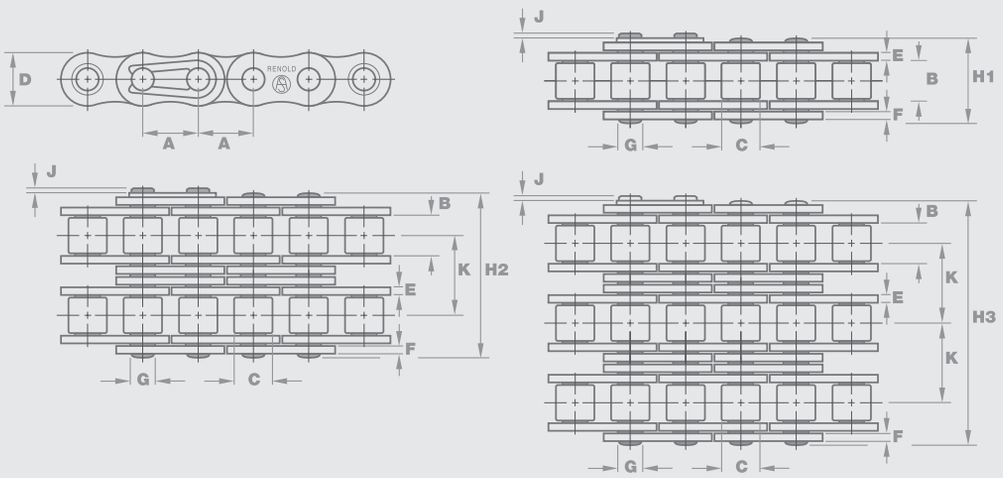
For the use of roller or bush chains in lifting applications, it is necessary to specify this in the order to ensure the specific CE mark will be given.

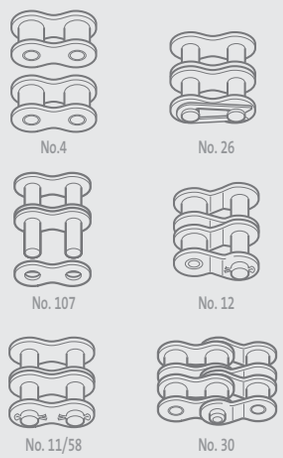
Also available in European (BS) Standard triplex chain



Renold SD Roller Chain

Standard Duty Chain





Chain Ref.		Technical Details (mm)													Connecting Links
Renold Chain No.	ANSI Ref.	Pitch (inch)	Pitch (mm)	Inside Width	Roller Diam. MIN	Plate Height MAX	Plate Width Inner MAX	Plate Width Outer MAX	Pin Diam. MAX	Pin Length MAX	Conn. Link Extension MAX	Transverse Pitch NOM	ISO606 Tensile Strength (NEWTONS) MIN	Weight kg/m	
ANSI Standard - Simplex															
		A	A	B	C	D	E	F	G	H1	J	K			
SD25-1◊	25-1	0.250	6.350	3.18	3.30	5.90	0.75	0.75	2.31	7.80	8.45	-	3500	0.15	4 107 26 30
SD35-1◊	35-1	0.375	9.525	4.77	5.08	8.95	1.20	1.20	3.58	12.15	13.10	-	7900	0.33	4 107 26 30
SD41-1	41-1	0.500	12.700	6.25	7.77	9.90	1.20	1.20	3.58	13.75	15.40	-	6700	0.41	4 107 26 30
SD40-1	40-1	0.500	12.700	7.85	7.95	11.90	1.50	1.50	3.96	16.60	17.75	-	13900	0.62	4 107 26 30
SD50-1	50-1	0.625	15.875	9.40	10.16	15.09	2.00	2.00	5.08	20.90	22.20	-	21800	1.02	4 107 11 26 12 30
SD60-1	60-1	0.750	19.050	12.57	11.91	18.00	2.40	2.40	5.94	25.90	27.50	-	31300	1.50	4 107 11 26 12 30
SD80-1	80-1	1.000	25.400	15.75	15.88	24.10	3.10	3.10	7.92	32.80	34.90	-	55600	2.60	4 107 11 58 12
SD100-1	100-1	1.250	31.750	18.90	19.05	30.10	3.90	3.90	9.53	40.00	43.20	-	87000	3.91	4 107 11 58 12
SD120-1	120-1	1.500	38.100	25.22	22.23	36.10	4.70	4.70	11.10	50.45	53.40	-	125000	5.62	4 107 11 58 12
SD140-1	140-1	1.750	44.450	25.22	25.40	42.00	5.60	5.60	12.70	54.20	59.00	-	170000	7.50	4 107 11 58 12
SD160-1	160-1	2.000	50.800	31.55	28.58	48.00	6.40	6.40	14.20	64.30	69.90	-	223000	10.10	4 107 11 58 12
ANSI Standard - Duplex															
		A	A	B	C	D	E	F	G	H1	J	K			
SD40-2	40-2	0.500	12.700	7.85	7.95	11.90	1.50	1.50	3.96	31.1	32.25	14.38	27800	1.12	4 107 26 30
SD50-2	50-2	0.625	15.875	9.40	10.16	15.09	2.00	2.00	5.08	39.0	40.30	18.11	43600	2.00	4 107 11 26 12 30
SD60-2	60-2	0.750	19.050	12.57	11.91	18.00	2.40	2.40	5.94	48.8	50.30	22.78	62600	2.92	4 107 11 26 12 30
SD80-2	80-2	1.000	25.400	15.75	15.88	24.10	3.10	3.10	7.92	61.9	64.20	29.29	111200	5.15	4 107 11 58 12
SD100-2	100-2	1.250	31.750	18.90	19.05	30.10	3.90	3.90	9.53	76.2	80.50	35.76	174000	7.80	4 107 11 58 12
SD120-2	120-2	1.500	38.100	25.22	22.23	36.10	4.70	4.70	11.10	95.4	99.70	45.44	250000	11.70	4 107 11 58 12
SD140-2	140-2	1.750	44.450	25.22	25.40	42.00	5.60	5.60	12.70	103.1	107.90	48.87	340000	15.14	4 107 11 58 12
SD160-2	160-2	2.000	50.800	31.55	28.58	48.00	6.40	6.40	14.27	122.9	128.10	58.55	446000	20.14	4 107 11 58 12

◊ Bush Chain

For the use of roller or bush chains in lifting applications, it is necessary to specify this in the order to ensure the specific CE mark will be given.

Also available in ANSI Standard triplex chain

For further information:

t: **+44 (0) 161 498 4600**
f: **+44 (0) 161 498 4565**
e: **enquiry@renold.com**
w: **www.renold.com**

Also available from Renold

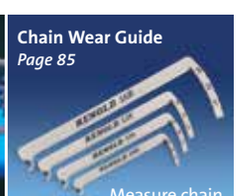


Sprockets *Page 68*
For roller chain use



Roll-Ring *Page 65*
Chain tensioner

Chain Wear Guide
Page 85



Measure chain extension easily