

# ***RENOLD SD***



***RENOLD***  
*Superior Chain Technology*

## Renold SD

# The new “Standard” in the economy category of chain

If you are looking for a good quality product from a reliable supplier for “standard duty” chain applications, look to **RENOLD SD**, the new benchmark in the economy chain category.

Renold is recognized as the worldwide leader in chain products and has established manufacturing facilities across the globe. While most suppliers buy-in their economy line of chain, Renold manufactures its own.

### The Renold SD range offers:

- An extensive product line of European (BS), ANSI and DIN standard chains
- Competitive prices and delivery
- Consistent quality
- Depth of inventory



**Transmission Chain**



**Multi-strand Chain**



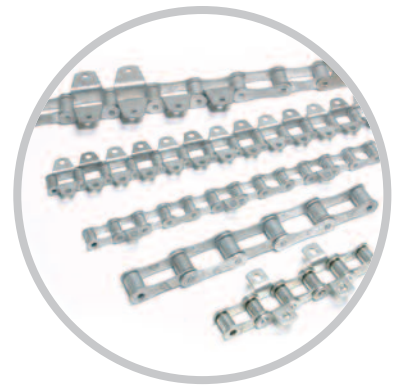
**Conveyor Chain**



**Nickel Plated Chain**



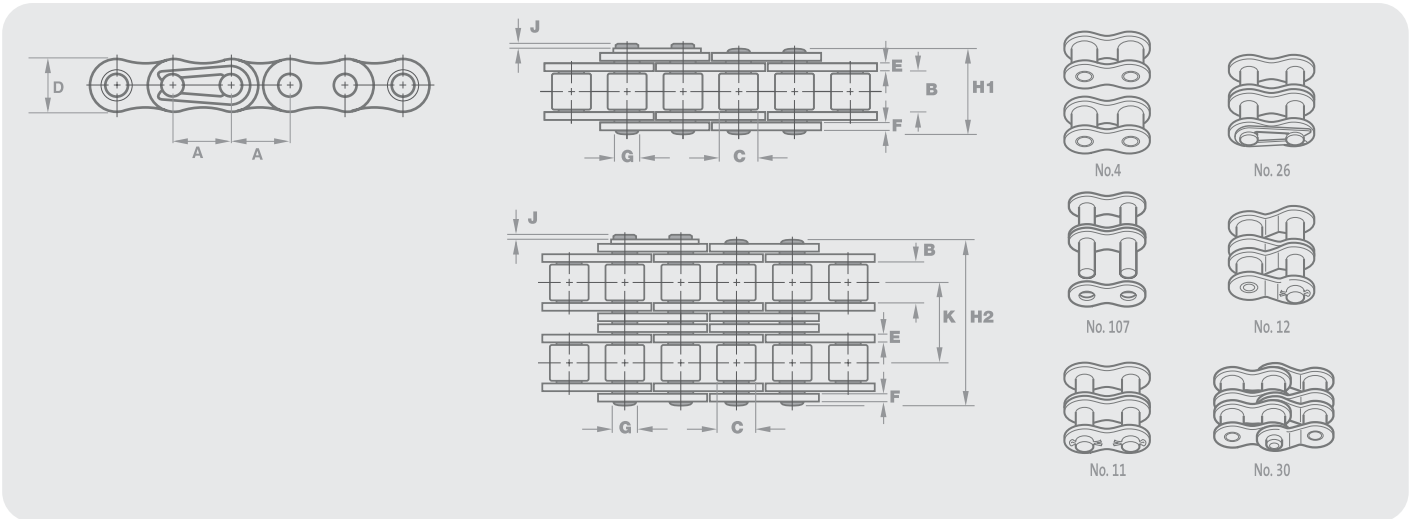
**Stainless Steel Chain**



**Agricultural Chain**

# Renold SD

## European (BS) Standard / ANSI Standard



### European (BS) Standard - Simplex

Dimensions (mm)

Renold SD Chain No.	Pitch mm	Pitch inch	Inside Width	Roller Diameter	Inner Plate Depth	Pin Diameter	Pin Length	Pin Length	ISO Tensile Strength (Min)	Weight Per Metre kg/m
	A	A	B	C	D	G	H1	J1		
SD05B-1	8.00	0.315	3.00	5.00	7.11	2.31	8.00	8.9	4400	0.20
SD06B-1*	9.525	0.375	5.72	6.35	8.20	3.28	13.20	14.2	8900	0.41
SD08B-1	12.70	0.500	7.75	8.51	11.80	4.45	16.70	18.0	17800	0.69
SD10B-1	15.875	0.625	9.65	10.16	14.70	5.08	19.60	21.0	22200	0.93
SD12B-1	19.05	0.750	11.68	12.07	16.10	5.72	22.50	24.0	28900	1.15
SD16B-1	25.40	1.000	17.02	15.88	21.05	8.28	36.00	37.2	60000	2.71
SD20B-1	31.75	1.250	19.56	19.05	26.31	10.19	41.10	44.7	95000	3.70
SD24B-1	38.10	1.500	25.40	25.40	33.30	14.63	53.30	57.5	160000	7.10
SD28B-1	44.45	1.750	30.99	27.94	36.90	15.90	64.80	69.5	200000	8.50
SD32B-1	50.80	2.000	30.99	29.21	42.10	17.81	66.20	71.0	250000	10.25

### European (BS) Standard - Duplex

Dimensions (mm)

	A	A	B	C	D	G	H2	J2		
SD06B-2*	9.525	0.375	5.72	6.35	8.20	3.28	23.5	24.5	16000	0.77
SD08B-2	12.70	0.500	7.75	8.51	11.80	4.45	31.0	32.1	31100	1.34
SD10B-2	15.875	0.625	9.65	10.16	14.70	5.08	36.2	37.5	44500	1.84
SD12B-2	19.05	0.750	11.68	12.07	16.10	5.72	42.1	43.6	57800	2.31
SD16B-2	25.40	1.000	17.02	15.88	21.05	8.28	67.5	69.1	106000	5.42
SD20B-2	31.75	1.250	19.56	19.05	26.30	10.19	77.2	80.9	170000	7.20
SD24B-2	38.10	1.500	25.40	25.40	33.30	14.63	101.6	105.9	280000	13.40
SD28B-2	44.45	1.750	30.99	27.94	36.90	15.90	124.1	129.1	360000	16.60
SD32B-2	50.80	2.000	30.99	29.21	42.10	17.81	124.6	129.6	450000	21.00

### ANSI Standard - Simplex

Dimensions (mm)

Renold SD Chain No.	Pitch mm	Pitch inch	Inside Width	Roller Diameter	Inner Plate Depth	Pin Diameter	Pin Length	Pin Length	ISO Tensile Strength (Min)	Weight Per Metre kg/m
	A	A	B	C	D	G	H1	J1		
SD25-1*	6.35	0.250	3.18	3.30	5.90	2.31	7.80	8.45	3500	0.15
SD35-1*	9.525	0.375	4.77	5.08	8.95	3.58	12.15	13.10	7900	0.33
SD41-1	12.70	0.500	6.25	7.77	9.90	3.58	13.75	15.40	6700	0.41
SD40-1	12.70	0.500	7.85	7.95	11.90	3.96	16.60	17.75	13900	0.62
SD50-1	15.875	0.625	9.40	10.16	15.09	5.08	20.90	22.20	21800	1.02
SD60-1	19.05	0.750	12.57	11.91	18.00	5.94	25.90	27.50	31300	1.50
SD80-1	25.40	1.000	15.75	15.88	24.10	7.92	32.80	34.90	55600	2.60
SD100-1	31.75	1.250	18.90	19.05	30.10	9.53	40.00	43.20	87000	3.91
SD120-1	38.10	1.500	25.22	22.23	36.10	11.10	50.45	53.40	125000	5.62
SD140-1	44.45	1.750	25.22	25.40	42.00	12.70	54.90	54.20	170000	7.50
SD160-1	50.80	2.000	31.55	28.58	48.00	14.27	65.50	64.30	223000	10.10

### ANSI Standard - Duplex

Dimensions (mm)

	A	A	B	C	D	G	H2	J2		
SD40-2	12.70	0.500	7.85	7.95	11.90	3.96	31.10	32.25	27800	1.12
SD50-2	15.875	0.625	9.40	10.16	15.00	5.08	39.00	40.30	43600	2.00
SD60-2	19.05	0.750	12.57	11.91	18.00	5.94	48.80	50.30	62600	2.92
SD80-2	25.40	1.000	15.75	15.88	24.10	7.92	61.90	64.20	111200	5.15
SD100-2	31.75	1.250	18.90	19.05	30.10	9.53	76.20	80.50	174000	7.80
SD120-2	38.10	1.500	25.22	22.23	36.00	11.10	95.40	99.70	250000	11.70
SD140-2	44.45	1.750	25.22	25.40	42.00	12.70	103.10	107.90	340000	15.14
SD160-2	50.80	2.000	31.55	28.58	48.00	14.27	122.90	128.10	446000	20.14

\*Straight side plate

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