

Lightweight Conveyor Belting and Power Transmission Specialists

# PRECISION ROLLER CHAINS

BRITISH & AMERICAN STANDARDS



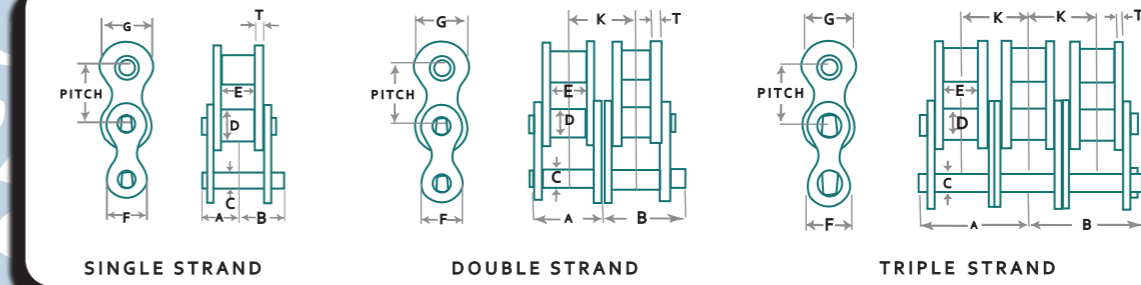
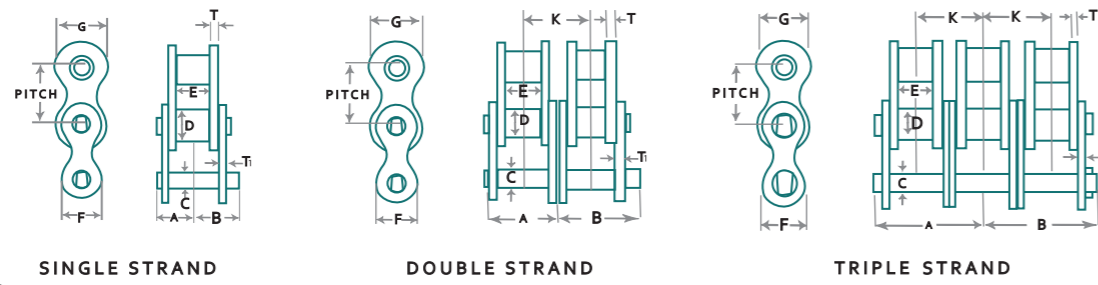
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# BRITISH STANDARD ROLLER CHAIN



## SINGLE STRAND

## SINGLE STRAND

Chain Pitch Inches	Chain number	Average Tensile Strength lb	Average Weight lb/ft	DIMENSIONS - INCHES									
				A	B	C	D	E	F	G	T	T	
3/8	06B	2,300	.25	.25	.29	.129	.250	.23	.33	.32	.05	.04	
1/2	08B	4,600	.48	.34	.39	.175	.335	.31	.43	.46	.06	.06	
5/8	10B	5,800	.64	.38	.46	.200	.400	.38	.54	.58	.06	.06	
3/4	12B	7,500	.87	.44	.52	.225	.475	.46	.64	.63	.07	.07	
1	16B	16,500	2.00	.72	.80	.326	.625	.67	.83	.83	.16	.12	
1 1/4	20B	25,500	2.60	.82	.94	.401	.750	.77	1.04	1.04	.18	.14	
1 1/2	24B	43,500	4.80	1.06	1.26	.576	1.000	1.00	1.32	1.31	.24	.20	
1 3/4	28B	51,000	5.80	1.28	1.49	.626	1.100	1.22	1.46	1.46	.30	.25	
2	32B	66,500	6.50	1.32	1.49	.701	1.150	1.22	1.67	1.66	.28	.25	
2 1/2	40B	90,500	10.60	1.63	1.82	.901	1.550	1.50	2.10	2.08	.34	.32	

Chain Pitch Inches	Chain number	Average Tensile Strength lb	Average Weight lb/ft	DIMENSIONS - INCHES									
				A	B	C	D	E	F	G	T		
3/8	35	2,100	.25	.24	.26	.141	.200	.19	.31	.35	.05	.05	
1/2	40	3,700	.40	.33	.38	.156	.313	.31	.41	.47	.06	.06	
1/2	41	2,000	.28	.27	.32	.141	.306	.25	.32	.38	.05	.05	
5/8	50	6,100	.63	.41	.48	.200	.400	.38	.51	.59	.08	.08	
3/4	60	8,500	.94	.51	.59	.234	.469	.50	.60	.71	.09	.09	
1	80	14,500	1.70	.65	.78	.313	.625	.63	.79	.95	.13	.13	
1 1/4	100	24,000	2.60	.79	.91	.375	.750	.75	1.02	1.18	.16	.16	
1 1/2	120	34,000	3.70	1.00	1.12	.437	.875	1.00	1.22	1.42	.19	.19	
1 3/4	140	46,000	5.00	1.07	1.25	.500	1.000	1.00	1.42	1.65	.22	.22	
2	160	58,000	6.60	1.28	1.45	.563	1.125	1.25	1.58	1.85	.25	.25	
2 1/2	200	95,000	10.60	1.58	1.78	.781	1.563	1.50	1.97	2.28	.32	.32	

## DOUBLE STRAND

## DOUBLE STRAND

Chain Pitch Inches	Chain number	Average Tensile Strength lb	Average Weight lb/ft	DIMENSIONS - INCHES									
				A	B	C	D	E	F	G	K	T	T
3/8	06B-2	4,370	.47	.45	.49	.129	.250	.23	.33	.32	.403	.05	.04
1/2	08B-2	8,050	.87	.61	.67	.175	.335	.31	.43	.46	.548	.06	.06
5/8	10B-2	11,600	1.2	.71	.79	.200	.400	.38	.54	.58	.653	.06	.06
3/4	12B-2	15,000	1.70	.83	.91	.225	.475	.46	.64	.63	.766	.07	.07
1	16B-2	33,000	3.80	1.34	1.43	.326	.625	.67	.83	.83	1.255	.16	.12
1 1/4	20B-2	51,000	5.00	1.54	1.66	.401	.750	.77	1.04	1.04	1.435	.18	.14
1 1/2	24B-2	87,000	9.30	2.00	2.22	.576	1.000	1.00	1.32	1.31	1.904	.24	.20
1 3/4	28B-2	102,000	11.20	2.46	2.66	.626	1.100	1.22	1.46	1.46	2.345	.30	.25
2	32B-2	133,000	12.60	2.47	2.64	.701	1.150	1.22	1.67	1.66	2.305	.28	.25
2 1/2	40B-2	181,000	20.80	3.06	3.24	.901	1.550	1.50	2.10	2.08	2.846	.34	.32

Chain Pitch Inches	Chain number	Average Tensile Strength lb	Average Weight lb/ft	DIMENSIONS - INCHES									
				A	B	C	D	E	F	G	K	T	
3/8	35-2	4,200	.50	.44	.46	.141	.200	.19	.31	.35	.398	.05	.05
1/2	40-2	7,400	.81	.65	.69	.156	.313	.31	.41	.47	.567	.06	.06
5/8	50-2	12,200	1.30	.77	.83	.200	.400	.38	.51	.59	.713	.08	.08
3/4	60-2	17,000	1.90	.96	1.04	.234	.469	.50	.60	.71	.898	.09	.09
1	80-2	29,000	3.40	1.23	1.36	.313	.625	.63	.79	.95	1.154	.13	.13
1 1/4	100-2	48,000	5.00	1.50	1.61	.375	.750	.75	1.02	1.18	1.409	.16	.16
1 1/2	120-2	68,000	7.40	1.89	2.01	.437	.875	1.00	1.22	1.42	1.787	.19	.19
1 3/4	140-2	92,000	10.00	2.03	2.22	.500	1.000	1.00	1.42	1.65	1.925	.22	.22
2	160-2	116,000	13.20	2.43	2.60	.563	1.125	1.25	1.58	1.85	2.303	.25	.25
2 1/2	200-2	190,000	21.10	2.98	3.19	.781	1.563	1.50	1.97	2.28	2.819	.32	.32

## TRIPLE STRAND

## TRIPLE STRAND

Chain Pitch Inches	Chain number	Average Tensile Strength lb	Average Weight lb/ft	DIMENSIONS - INCHES									
				A	B	C	D	E	F	G	K	T	T
3/8	06B-3	6,440	.71	.65	.69	.129	.250	.23	.33	.32	.403	.05	.04
1/2	08B-3	11,500	1.30	.89	.94	.175	.335	.31	.43	.46	.548	.06	.06
5/8	10B-3	17,400	1.80	1.04	1.12	.200	.400	.38	.54	.58	.653	.06	.06
3/4	12B-3	22,500	2.60	1.21	1.29	.225	.475	.46	.64	.63	.766	.07	.07
1	16B-3	49,500	5.50	1.97	2.05	.326	.625	.67	.83	.83	1.255	.16	.12
1 1/4	20B-3	76,500	7.90	2.25	2.37	.401	.750	.77	1.04	1.04	1.435	.18	.14
1 1/2	24B-3	130,500	14.00	2.96	3.17	.576	1.000	1.00	1.32	1.31	1.904	.24	.20
1 3/4	28B-3	153,000	17.10	3.63	3.83	.626	1.100	1.22	1.46	1.46	2.345	.30	.25
2	32B-3	199,500	18.70	3.60	3.80	.701	1.150	1.22	1.67	1.66	2.305	.28	.25
2 1/2	40B-3	271,500	31.20	4.48	4.66	.901	1.550	1.50	2.10	2.08	2.846	.34	.32

Chain Pitch Inches	Chain number	Average Tensile Strength lb	Average Weight lb/ft	DIMENSIONS - INCHES									
				A	B	C	D	E	F	G	K	T	
3/8	35-3	6,300	.74	.64	.66	.141	.200	.19	.31	.35	.398	.05	.05
1/2	40-3	11,100	1.20	.89	.95	.156	.313	.31	.41	.47	.567	.06	.06
5/8	50-3	18,300	1.90	1.16	1.23	.200	.400	.38	.51	.59	.713	.08	.08
3/4	60-3	25,500	2.80	1.41	1.49	.234	.469	.50	.60	.71	.898	.09	.09
1	80-3	43,500	5.00	1.80	1.93	.313	.625	.63	.79	.95	1.154	.13	.13
1 1/4	100-3	72,000	7.60	2.20	2.32	.375	.750	.75	1.02	1.18	1.409	.16	.16
1 1/2	120-3	102,000	11.10	2.78	2.91	.437	.875	1.00	1.22	1.42	1.787	.19	.19
1 3/4	140-3	138,000	14.90	3.00	3.18	.500	1.000	1.00	1.42	1.65	1.925	.22	.22

Have dimensions certified for installations purposes

- Side Bars are oval shaped
- Single Middle Bar construction
- 06B-2 Middle Bar Thickness = .06 inches
- 08B-2 Middle Bar Thickness = .10 inches
- 06B-3 Middle Bar Thickness = .06 inches
- 06B-3 Middle Bar Thickness = .06 inches

Have dimensions certified for installations purposes

- Riveted Construction Only
- Bushing diameter. Chain is rollerless

# ROLLER CHAINS ASA / ANSI STANDARD