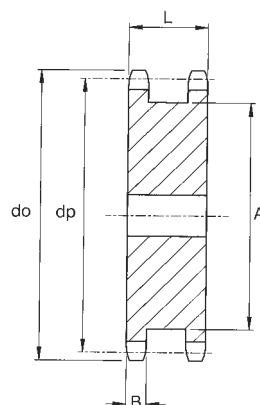


Double Simplex Sprockets for 3/8" to 1" Pitch Standard Roller Chains



Simplex Sprocket

Chain No.	Tooth Width B
06B-1	5.3
08B-1	7.2
10B-1	9.2
ANSI 50	9.2
12B-1	11.2
16B-1	16.2

Cat. No.	No. of Teeth	Pitch Circle Ø dp	Outside Ø do	Stock Bore d H8	Max Bore† d	Hub Diameter A	Length L	Approx. Weight kg
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For 3/8" Pitch Chains to ISO 606 - 06B-1

DS06B1-14	14	42.80	46.3	10	20	31	24.3	0.17
DS06B1-15	15	45.81	49.3	10	23	34	24.3	0.20
DS06B1-16	16	48.82	52.3	10	25	37	24.3	0.23
DS06B1-17	17	51.83	55.3	10	27	40	24.3	0.27
DS06B1-18	18	54.85	58.3	10	29	43	24.3	0.31
DS06B1-19	19	57.87	61.3	10	31	46	24.3	0.35
DS06B1-20	20	60.89	64.3	10	33	49	24.3	0.39
DS06B1-21	21	63.91	68.0	12	35	52	24.3	0.45
DS06B1-23	23	69.95	73.5	12	38	58	24.3	0.55
DS06B1-25	25	76.00	80.0	12	43	64	24.3	0.67

For 1/2" Pitch Chains to ISO 606 - 08B-1

DS08B1-12	12	49.07	53.0	10	24	33	31	0.29
DS08B1-13	13	53.06	57.4	10	26	37	31	0.35
DS08B1-14	14	57.07	61.8	10	27	41	31	0.43
DS08B1-15	15	61.09	65.5	10	30	45	31	0.49
DS08B1-16	16	65.10	69.5	10	34	49	31	0.58
DS08B1-17	17	69.11	73.6	12	36	53	31	0.66
DS08B1-18	18	73.14	77.8	12	38	57	31	0.75
DS08B1-19	19	77.16	81.7	12	41	62	31	0.85
DS08B1-20	20	81.19	85.8	12	44	66	31	0.96
DS08B1-21	21	85.22	89.7	14	46	70	31	1.04
DS08B1-23	23	93.27	98.2	14	51	78	31	1.28
DS08B1-25	25	101.33	105.8	14	56	86	31	1.55

For 5/8" Pitch Chains to ISO 606 - 10A-1 (ANSI 50)* and 10B-1

DS10B1-12	12	61.34	68.0	12	30	45	36.5	0.55
DS10B1-13	13	66.32	73.0	12	34	50	36.5	0.66
DS10B1-14	14	71.34	78.0	12	36	55	36.5	0.80
DS10B1-15	15	76.36	83.0	12	40	60	36.5	0.94
DS10B1-16	16	81.37	88.0	14	43	65	36.5	1.11
DS10B1-17	17	86.38	93.0	14	46	70	36.5	1.25
DS10B1-18	18	91.42	98.3	14	50	75	36.5	1.43
DS10B1-19	19	96.45	103.3	14	54	80	36.5	1.62
DS10B1-20	20	101.49	108.4	14	58	85	36.5	1.81
DS10B1-21	21	106.52	113.4	16	60	90	36.5	2.02
DS10B1-23	23	116.58	123.4	16	65	100	36.5	2.47
DS10B1-25	25	126.66	134.0	16	72	110	36.5	2.97

For 3/4" Pitch Chains to ISO 606 - 12B-1

DS12B1-12	12	73.61	81.5	14	35	53	45	1.05
DS12B1-13	13	79.59	87.5	14	39	59	45	1.24
DS12B1-14	14	85.61	93.6	14	43	65	45	1.46
DS12B1-15	15	91.63	99.8	14	47	71	45	1.63
DS12B1-16	16	97.65	105.5	14	51	77	45	1.94
DS12B1-17	17	103.67	111.5	16	56	83	45	2.18
DS12B1-18	18	109.71	118.0	16	59	89	45	2.50
DS12B1-19	19	115.75	124.2	16	63	95	45	2.83
DS12B1-20	20	121.78	129.7	16	66	101	45	3.17
DS12B1-21	21	127.82	136.0	20	70	107	45	3.54
DS12B1-23	23	139.90	149.0	20	78	119	45	4.33
DS12B1-25	25	152.00	160.0	20	85	131	45	5.20

For 1" Pitch Chains to ISO 606 - 16B-1

DS16B1-12	12	98.14	109.0	16	47	72	63.5	2.50
DS16B1-13	13	106.12	117.0	16	54	81	63.5	3.13
DS16B1-14	14	114.15	125.0	16	58	89	63.5	3.75
DS16B1-15	15	122.17	133.0	20	64	97	63.5	4.36
DS16B1-16	16	130.20	141.0	20	69	105	63.5	5.00
DS16B1-17	17	138.22	149.0	20	75	113	63.5	5.78
DS16B1-18	18	146.28	157.0	20	80	121	63.5	6.56
DS16B1-19	19	154.33	165.2	20	86	129	63.5	7.40
DS16B1-20	20	162.38	173.2	20	90	137	63.5	8.29
DS16B1-21	21	170.43	181.2	20	96	145	63.5	9.21
DS16B1-23	23	186.53	197.5	20	108	161	63.5	11.18
DS16B1-25	25	202.66	213.5	20	116	177	63.5	13.38

†Maximum bore sizes listed allow for B.S. Standard Key. For Plain Bore, sizes can be increased approximately 20%.

Note: Stock sprockets can be supplied finished bored, keyed and/or setscrewed to customers requirements.

Above range of Double Simplex Sprockets are stock items. Other sizes can be manufactured to order on short lead time.

*When sprockets used for ANSI 50 chain, chains must be mounted with connecting links facing away from sprocket.