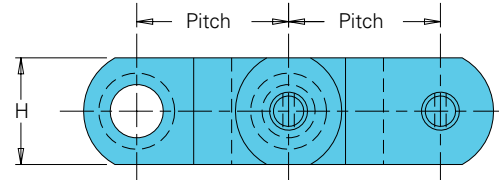
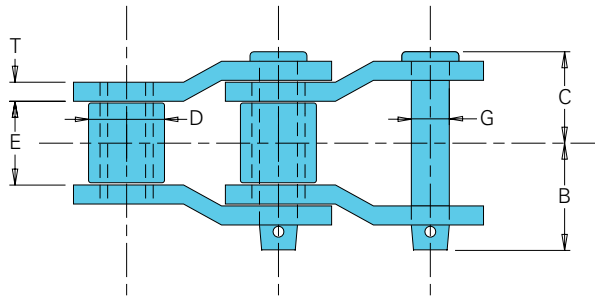


UNION CHAIN DIVISION - DRIVE CHAINS
U.S. TSUBAKI

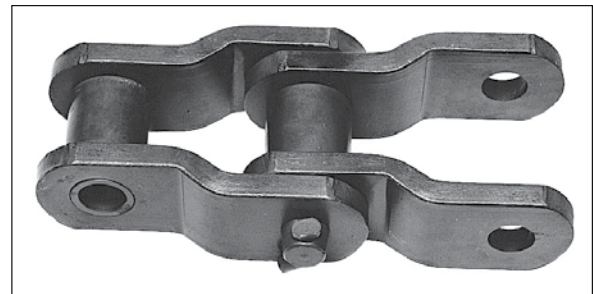
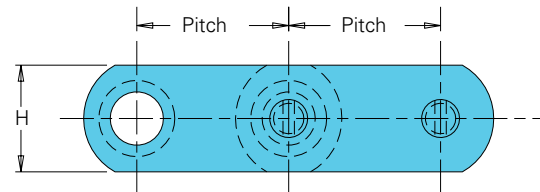
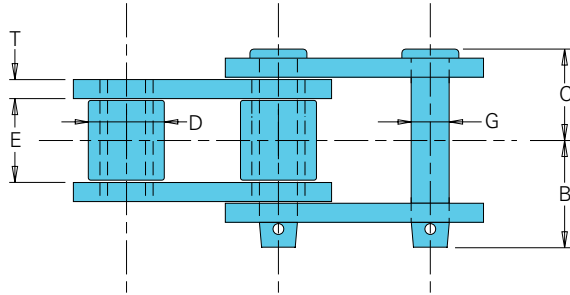
A - ENGINEERING CLASS CHAINS

Drive Chain

offset sidebar style



straight sidebar style





Drive Chain Specifications

All dimensions are in inches unless otherwise indicated.

Chain No.	Pitch	Sty. ¹	ANSI No.	Pin						Roller		Sidebar		Bushing		Stocked Lengths		Avg. Ult. Stgth. (lbs.)	Max. Work Load (lbs.)	Approx. Wgt. (lbs./ft.)	
				Pin End to CL	Pin Head to CL	In-side Wdth.	Dia.	Sty. ²	Matl. ³	Dia.	Matl. ³	Hgt.	Th.	Matl. ³	Dia.	Matl. ³	Pitches				Feet
				B	C	E	G			D		H	T								
US-2065	2.000	O		1.66	1.44	1.27	.59	K	AHT	1.13	AHT	1.63	.31	AHT	.81	ACH	60	10.00	65,000	4,000	7.6
RO-3140	1.750	O		1.34	1.12	1.00	.48	K	AHT	1.00	AHT	1.70	.22	AHT	.70	ACH	69	10.00	52,800	2,500	5.2
RO-3160	2.000	O		1.53	1.31	1.25	.54	K	AHT	1.13	AHT	1.94	.25	AHT	.80	ACH	60	10.00	67,300	3,450	6.7
RO-3180	2.250	O		1.72	1.47	1.43	.69	K	AHT	1.41	AHT	2.13	.28	AHT	1.00	CHT	53	10.00	80,000	4,800	9.6
RO-25H	2.500	O		1.95	1.70	1.50	.65	K	AHTIH	1.25	AHT	1.63	.38	AHT	.91	ACH	48	10.00	87,000	4,900	9.2
520RX	2.563	O		1.44	1.22	1.06	.50	A	CHT	1.13	CHT	1.25	.25	CHT	.75	CCH	47	10.00	25,000	2,800	4.8
US-882	2.609	O		1.44	1.25	1.13	.44	K	CHT	.88	AHT	1.13	.25	CHT	.64	CCH	46	10.00	26,000	2,500	3.6
US-3011	3.067	O	2512	2.13	1.72	1.56	.75	K	AHTIH	1.63	AHT	2.25	.38	AHT	1.13	ACH	39	10.00	110,000	6,100	12.0
US-1030	3.075	O		1.88	1.56	1.50	.63	K	AHT	1.25	AHT	1.50	.31	HC	.91	ACH	39	10.00	28,000	4,650	7.0
US-1031	3.075	O		1.88	1.59	1.50	.63	K	AHT	1.25	AHT	1.50	.31	CHT	.91	ACH	39	10.00	48,000	4,650	7.0
US-3075	3.075	O		2.00	1.68	1.50	.65	K	AHT	1.25	AHT	1.75	.38	AHT	.91	ACH	39	10.00	75,000	5,100	9.6
US-3514	3.500	O	2814	2.34	1.97	1.50	.88	K	AHT	1.75	AHT	2.25	.50	AHT	1.25	ACH	34	9.90	140,000	7,700	16.1
US-1241	4.063	O		2.59	2.19	1.94	.88	K	AHTIH	1.75	AHT	2.25	.50	CHT	1.25	CCH	30	10.20	112,000	9,000	16.3
US-1242	4.063	O		2.56	2.19	1.94	.88	K	AHTIH	1.75	AHT	2.25	.50	AHT	1.25	ACH	30	10.20	140,000	9,000	16.1
US-1245	4.073	O	3315	2.75	2.38	1.94	.94	K	AHTIH	1.78	AHT	2.38	.56	AHT	1.31	ACH	30	10.20	170,000	10,100	18.0
US-4121	4.090	O		2.75	2.38	1.94	1.00	K	AHTIH	1.88	AHT	2.75	.56	AHT	1.49	AHT	30	10.20	210,000	10,700	13.6
US-4122	4.090	O		2.75	2.38	1.94	1.00	K	AHTIH	2.00	AHT	2.75	.56	AHT	1.49	AHT	30	10.20	210,000	10,700	14.0
US-4522	4.500	O	3618	2.88	2.44	2.06	1.10	K	AHTIH	2.25	AHT	3.00	.56	AHT	1.62	AHT	27	10.10	220,000	12,300	25.4
US-5031	5.000	O	4020	3.38	3.06	2.75	1.25	K	AHTIH	2.50	AHT	3.50	.63	AHT	1.75	AHT	24	10.00	310,000	17,500	34.0
US-5035	5.000	O		3.50	3.06	2.56	1.38	K	AHTIH	2.50	AHT	3.50	.75	AHT	1.88	AHT	24	10.00	350,000	19,600	38.1
US-5542	5.500	O		3.88	3.40	3.00	1.50	K	AHTIH	3.00	AHT	4.00	.75	AHT	2.00	AHT	62	28.40	420,000	23,600	49.1
US-5738	5.750	O		3.69	3.31	3.00	1.50	K	AHTIH	3.00	AHT	4.00	.69	AHT	2.00	AHT	21	10.10	380,000	23,000	46.0
US-6042	6.000	O	4824	3.88	3.40	3.00	1.50	K	AHTIH	3.00	AHT	4.00	.75	AHT	2.00	AHT	20	10.00	420,000	23,600	45.0
US-6066	6.000	O		3.88	3.38	3.00	1.75	K	AHTIH	—	—	4.75	.75	AHT	3.00	AHT	57	28.50	600,000	27,600	51.7
US-64S	2.500	S		2.00	1.69	1.50	.88	K	AHT	1.56	AHT	2.13	.38	AHT	1.19	ACH	48	10.00	125,000	6,900	13.1
344SXX	3.000	S		2.75	2.38	1.94	.94	K	AHTIH	1.78	AHT	2.38	.56	AHT	1.31	AHT	40	10.00	170,000	10,050	22.0
US-4031	4.000	S		3.38	2.91	2.75	1.25	K	AHTIH	2.50	AHT	3.50	.63	AHT	1.75	AHT	30	10.00	310,000	17,500	40.0
US-1353	4.090	S		3.13	2.69	2.25	1.31	K	AHTIH	2.63	AHT	3.50	.63	AHT	1.88	ACH	30	10.20	210,000	16,000	37.6
US-5042	5.000	S		3.88	3.40	3.00	1.50	K	AHTIH	3.00	AHT	4.00	.75	AHT	2.00	AHT	24	10.00	420,000	23,600	53.0
US-6566	6.500	S		4.38	3.95	3.25	1.75	K	AHTIH	3.50	AHT	6.00	.88	AHT	2.44	AHT	36	19.50	600,000	30,600	71.1
US-7080	7.000	S		4.19	3.81	3.25	2.13	K	AHTIH	4.50	AHT	6.00	.88	AHT	3.13	AHT	24	14.00	800,000	37,150	89.6

Indicates this chain is normally stocked. All others are made-to-order.

¹Style: O= offset sidebar; S= straight sidebar

²Pin style: K = Full round; A = Double flat.

³Material: HC = High carbon; CHT = Carbon heat-treated; AHT = Alloy heat-treated; AHTIH = Alloy heat-treated and induction hardened; CCH = Carbon case hardened; ACH = Alloy case hardened.

To locate compatible sprockets for your chain, refer to the Product Cross-Reference in Section D.

Note: Dimensions are subject to change. Contact Union Chain to obtain certified prints for design and construction.