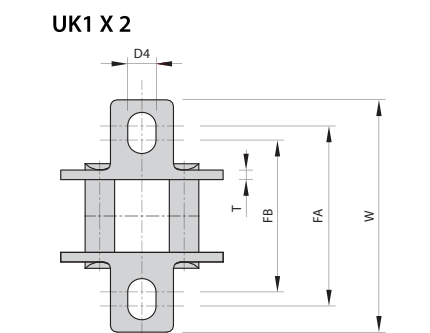
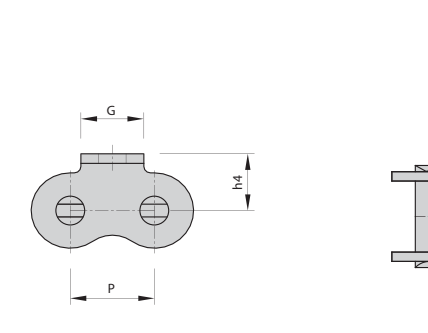
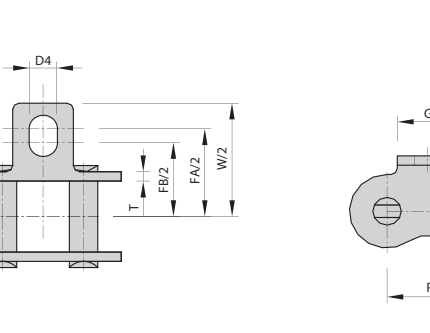
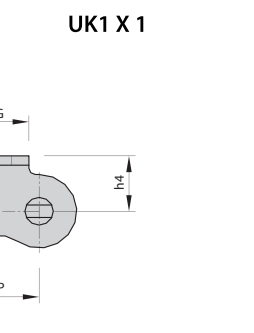
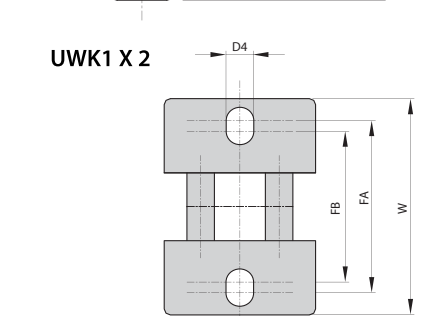
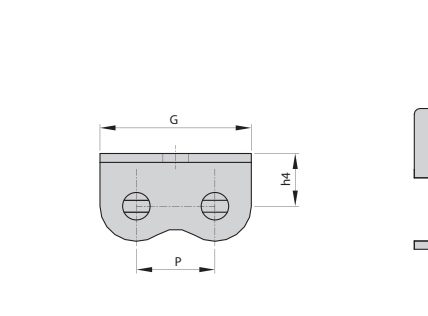
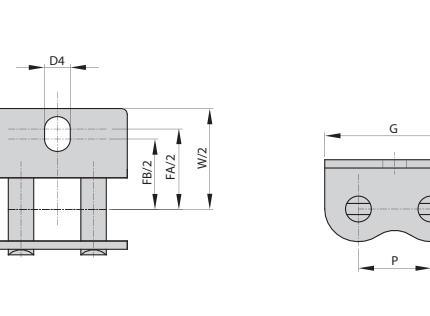
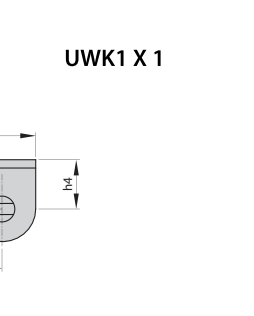






Universal Attachments Comparison by Manufacturer

K1 ATTACHMENT DIMENSIONS

UK1 X 2													
													
													
													
													
UWK1 X 2													
													
													
													
													
CHAIN SIZE	DIM	ISO	DONGHUA	WIPP/ MAN	A&S	RENOLD	IWIS	KOBO	REGINA	REXNORD	TSUBAKI	CROSS & MORSE	DIAMOND CHAIN
08B	h4	6.89	8.90	10.00	8.50	6.89	8.00	9.00	8.40	8.90	8.90	8.90	8.90
	D4	4.30	4.50	4.50	4.30	4.30	4.20	4.50	4.30	4.30	4.20	4.20	4.50
	FA / FB	25.40	23.80 to 28.20	26.20	27.60	23.80	27.60	26.00	28.20	26.00	23.80	23.80	25.40
	W	32.40	36.40	38.00	41.90	37.92	37.60	35.80	37.20	39.30	38.10	36.00	36.40
	G	11.00	K1 = 11.00, WK1 = 23.10	12.50	11.00	11.50	18.00	11.00	9.50	10.80	11.40	11.50	9.50
10B	h4	10.31	10.31	10.00	10.50	10.16	9.00	10.50	10.40	10.20	10.20	10.30	10.31
	D4	5.30	5.50	5.50	5.30	4.98	5.20	4.50	5.20	5.30	5.00	5.30	5.30
	FA / FB	31.76	30.00 to 33.60	33.40	31.60	31.76	33.60	30.00	33.80	31.80	31.80	31.80	31.96
	W	45.80	44.60	54.00	48.50	44.58	48.00	44.20	58.00	47.00	44.50	45.00	44.60
	G	14.28	K1 = 14.30, WK1 = 29.58	15.00	14.00	12.80	24.00	14.00	14.10	12.70	12.70	12.80	14.30
12B	h4	13.46	11.90	11.00	12.20	13.49	10.00	12.00	12.00	13.50	13.50	13.50	13.46
	D4	6.40	6.40	6.60	6.40	7.14	6.20	6.60	5.60	7.20	7.10	7.10	6.40
	FA / FB	38.10	32.00 to 41.00	37.60	35.20	38.10	41.00	32.00	35.00	36.10	38.10	38.10	39.10
	W	52.40	55.60	58.00	55.80	59.66	61.00	55.40	51.20	56.00	59.70	58.00	52.20
	G	15.88	K1 = 15.90, WK1 = 34.50	18.50	16.00	16.60	28.00	18.00	16.00	16.00	16.50	16.60	16.00
16B	h4	15.88	16.00	18.00	17.00	15.24	16.00	18.00	15.90	16.00	15.20	15.90	15.88
	D4	6.40	9.00	9.00	8.40	8.68	6.20	6.80	6.20	6.70	6.70	6.70	6.40
	FA / FB	50.80	50.80 to 58.00	53.80	58.00	47.64	53.80	50.80	50.80	54.00	47.60	50.80	50.80
	W	72.60	72.80	83.20	83.80	74.46	73.80	72.60	72.60	78.60	74.70	73.00	72.60
	G	19.05	K1 = 19.05, WK1 = 46.40	25.00	23.60	24.30	38.00	36.20	19.00	38.00	24.10	20.00	19.10

Universal Attachments Comparison by Manufacturer

K2 ATTACHMENT DIMENSIONS

													
													
													
													
CHAIN SIZE	DIM	ISO	DONGHUA	WIPP/ MAN	A&S	RENOLD	IWIS	KOBO	REGINA	REXNORD	TSUBAKI	CROSS & MORSE	DIAMOND CHAIN
08B	h4	8.89	8.90	10.00	8.50	8.89	9.50	9.00	8.40	9.00	8.90	8.90	8.90
	D4	4.30	4.50	4.50	4.30	4.85	4.20	4.50	4.30	4.30	4.90	4.90	4.50
	FA / FB	25.40	23.80 to 28.20	26.20	26.40	25.40	26.20	26.00	28.20	26.00	25.40	25.40	25.40
	W	36.40	36.40	38.00	40.60	40.46	44.60	35.80	37.20	36.00	40.60	40.00	36.40
	G	24.45	23.10	23.20	23.40	23.40	23.40	24.70	23.20	23.70	24.60	23.40	23.30
10B	h4	10.31	10.31	10.00	10.50	10.16	11.00	10.50	10.30	10.30	10.20	10.30	10.31
	D4	5.30	5.50	5.50	5.30	4.98	5.20	4.50	5.20	5.10	5.00	5.30	5.30
	FA / FB	31.76	30.00 to 33.60	33.40	30.60	31.74	30.60	30.00	31.80	30.00	31.80	31.80	31.96
	W	44.60	44.60	54.00	48.50	45.56	49.60	44.20	47.60	41.20	45.70	49.00	44.60
	G	30.58	29.58	29.00	29.90	29.90	30.80	30.20	28.80	28.60	30.00	28.60	29.58
12B	h4	13.46	11.90	11.00	12.20	11.43	12.00	12.00	12.00	12.00	11.40	13.50	13.46
	D4	6.40	6.40	6.60	6.40	5.54	6.20	6.60	5.60	6.60	5.50	6.50	6.40
	FA / FB	38.10	32.00 to 41.00	37.20	35.20	34.92	35.40	36.00	35.00	36.00	34.90	38.10	39.10
	W	52.40	52.40	58.00	54.60	68.58	56.80	55.40	63.20	55.40	51.30	52.00	52.20
	G	70.36	34.50	33.60	35.40	35.40	37.00	35.60	35.00	35.20	34.80	34.00	34.05
16B	h4	15.88	16.00	18.00	17.00	15.88	16.00	18.00	15.90	19.00	15.90	15.90	15.88
	D4	6.40	9.00	9.00	8.40	8.08	8.20	9.00	6.80	8.20	8.10	6.70	6.40
	FA / FB	50.80	50.80 to 58.00	57.80	58.00	57.14	53.80	58.00	50.80	50.80	57.20	50.80	50.80
	W	72.60	72.80	84.00	83.80	78.26	77.80	75.60	78.60	72.60	78.50	73.00	72.60
	G	46.10	46.40	46.50	45.80	45.80	36.00	47.00	46.00	91.60	46.00	46.00	46.40

Available for Carbon Steel, Nickel Plated, Stainless Steel & Maintenance Free chain.

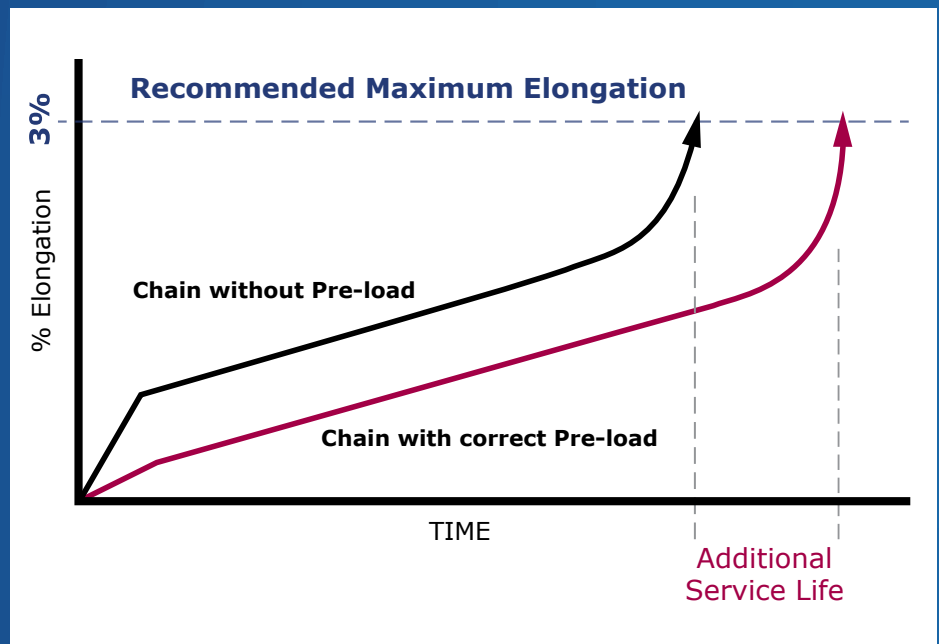
PRE-LOAD

After assembly, Donghua applies an initial load to its chains, called 'pre-load'.

Pre-loading is applied as a final alignment of the various chain components, pins, link-plates and bushings, and helps to eliminate the initial elongation often found in adapted roller chain attachment chains, increasing the usable service and fatigue life of the chain.

Donghua pre-loads to approximately the maximum recommended service load and is achieved either statically or dynamically.

The chart below illustrates the benefits of pre-loading by gaining additional service life. Chain that has little or no preload applied will experience a significant amount of elongation during initial start-up of the drive before levelling off. The chain will then elongate at a steady rate until the case hardness on the wearing components is gone and the chain experiences rapid elongation. Donghua chain that has been properly pre-loaded experiences very little elongation during initial start-up, which ultimately results in extended service life.



UK1 X 1



UK1 X 2



UWK1 X 1



UWK1 X 2