A&S roller chain

A&S
More than just a chain.

RENOLD
Superior Chain Technology

A&S Roller Chain
More than just a chain.

A&S Roller Chain

A&S roller chain has long been recognised for its high quality and affordable reliability. It has earned a strong reputation for its excellent wear resistance, high fatigue resistance and durability and these factors have helped A&S become the most widely used chain brand in Europe.

More than just a chain

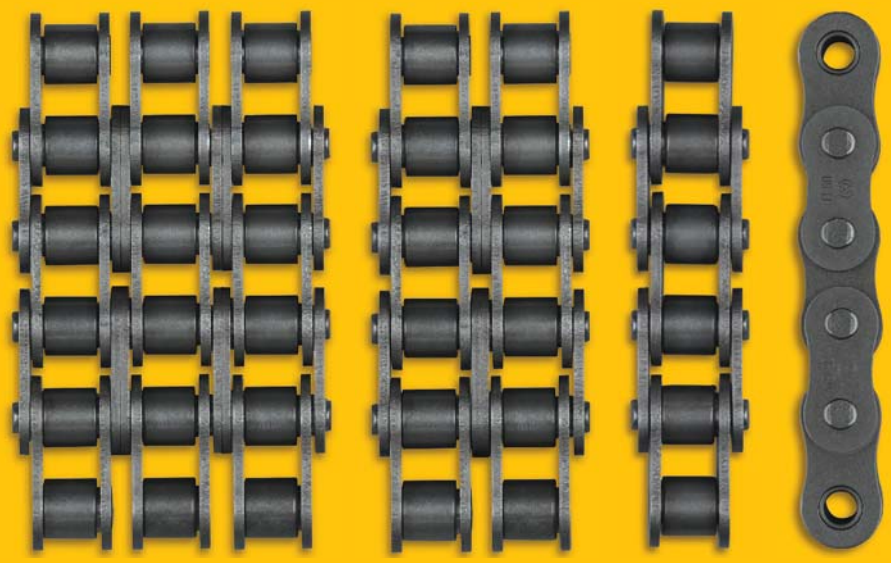
With its reliability and performance, A&S roller chain significantly contributes to reduced downtime and maintenance and has the ability to meet the needs of diverse applications and the continuously increasing demands of industry. To make sure that A&S chain keeps up with these increasing demands, a series of upgrades ensure that the range now offers even more performance benefits.

Available in European (BS) and ANSI standard, A&S chain is available with a full range of standard M, K and extended bearing pin attachments and can even be supplied with a particular lubricant based on a customer's specific requirements.

The Renold Group

A&S roller chain is one of the many chain products from Renold, the leading manufacturer of chain and power transmission products.

With a worldwide network of sales companies and distributors, Renold offers global product availability and support for its customers.



A&S chain is available in simplex, duplex and triplex.

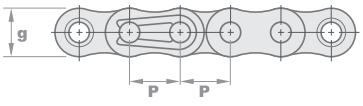
Further multi-strand versions are available on request.

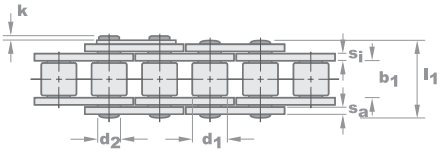
New A&S chain includes solid extruded bush and roller components, not the weaker curled bushes offered by some other manufacturers. This combination ensures that there are no concentrated areas of stress within the bearing area which dramatically reduce the working life of the chain by increasing wear.

The side plates have been upgraded to have a wider waist, a feature recognised as producing better stress distribution and thus improving the fatigue resistance of the chain. This improves the chain's dynamic load capability. The heat treatment they receive as standard also contributes to their durability.

European BS Standard

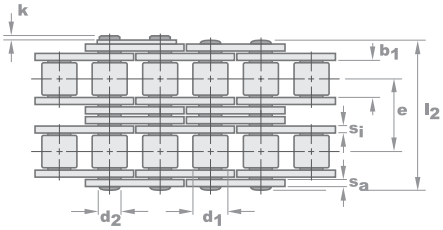
DIN 8187, Teil 1/ISO 606-2004

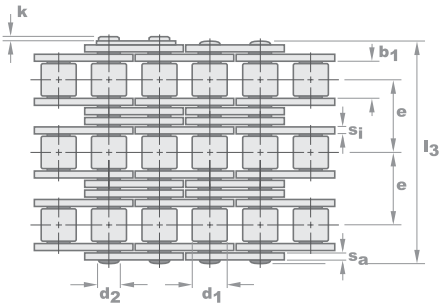





No.4


No. 30






No. 107


No. 11


No. 26


No. 12

Renold Chain No.	ISO No.	Pitch (inch)	Pitch (mm)	Inside Width Min	Roller Diam Max	Plate Height Max	Inner Plate Thickness	Outer Plate Thickness	Pin Diam Max	Pin Length Max	Con Link Extension	Trans Pitch	ISO606 Tensile Strength Min	Weight kg/m	No. 4	No. 107	No. 26	No. 30	No. 11	No. 12

BS simplex chain

Dimensions (mm) — Connecting links

		P	P	b_1	d_1	g	s_i	s_a	d_2	l_1	k	e	(N)							
1000002	3	0,197	5,000	2,500	3,200	4,100	0,600	0,600	1,490	7,400	1,300	-	2200	0,080	✓	✓	✓	✓	✓	-
1000003	4	0,236	6,000	2,800	4,000	5,000	0,600	0,600	1,850	7,400	-	-	3000	0,120	✓	✓	✓	✓	-	-
1000006	05B-1	0,315	8,000	3,000	5,000	7,110	0,760	0,760	2,310	8,600	1,500	-	4400	0,180	✓	✓	✓	✓	✓	-
1000015*	06B-1	0,375	9,525	5,720	6,350	8,200	1,290	1,040	3,280	12,500	-	-	8900	0,390	✓	✓	✓	✓	-	✓
1000031**	08B-1	0,500	12,700	7,750	8,510	11,700	1,550	1,550	4,450	16,500	2,000	-	17800	0,700	✓	✓	✓	✓	✓	✓
1000040**	10B-1	0,626	15,875	9,650	10,160	14,600	1,550	1,550	5,080	18,800	2,500	-	22200	0,960	✓	✓	✓	✓	✓	✓
1000050**	12B-1	0,750	19,050	11,680	12,070	16,000	1,810	1,810	5,720	21,900	2,600	-	28900	1,220	✓	✓	✓	✓	✓	✓
1000068**	16B-1	1,000	25,400	17,020	15,880	21,080	4,120	3,100	8,280	34,900	2,200	-	60000	2,800	✓	✓	✓	✓	✓	✓
1000075**	20B-1	1,250	31,750	19,560	19,050	26,420	4,620	3,610	10,190	39,800	2,700	-	95000	3,850	✓	✓	✓	✓	✓	✓
1000079**	24B-1	1,500	38,100	25,400	25,400	33,400	6,100	5,080	14,630	52,600	6,800	-	160000	7,450	✓	✓	✓	✓	✓	✓
1000615	28B-1	1,750	44,450	30,990	27,940	37,080	7,620	6,350	15,900	64,200	6,800	-	200000	9,350	✓	✓	-	-	✓	✓
1000617	32B-1	2,000	50,800	30,990	29,210	42,290	7,110	6,350	17,810	63,400	8,000	-	250000	10,100	✓	✓	-	-	✓	✓
1000620	40B-1	2,500	63,500	39,300	39,370	52,960	8,130	8,130	22,890	78,200	9,500	-	355000	16,500	✓	✓	-	-	✓	✓

BS duplex chain

		P	P	b_1	d_1	g	s_i	s_a	d_2	l_2	k	e	(N)							
1000004	4	0,236	6,000	2,800	4,000	5,000	0,600	0,600	1,850	7,400	-	2,500	6000	0,240	✓	✓	✓	✓	-	-
1000007	05B-2	0,315	8,000	3,000	5,000	7,110	0,760	0,760	2,310	14,300	1,500	5,640	7800	0,360	✓	✓	✓	✓	✓	-
1000016*	06B-2	0,375	9,525	5,720	6,350	8,200	1,290	1,040	3,280	23,000	-	10,240	16900	0,780	✓	✓	✓	✓	-	✓
1000032**	08B-2	0,500	12,700	7,750	8,510	11,700	1,550	1,550	4,450	30,400	2,000	13,920	31100	1,400	✓	✓	✓	✓	✓	✓
1000041**	10B-2	0,625	15,875	9,650	10,160	14,600	1,550	1,550	5,080	35,400	2,500	16,590	44500	1,690	✓	✓	✓	✓	✓	✓
1000051**	12B-2	0,750	19,050	11,680	12,070	16,000	1,810	1,810	5,720	41,400	2,600	19,460	57800	2,420	✓	✓	✓	✓	✓	✓
1000069**	16B-2	1,000	25,400	17,020	15,880	21,080	4,120	3,100	8,280	66,800	2,200	31,880	106000	5,500	✓	✓	✓	✓	✓	✓
1000076	20B-2	1,250	31,750	19,560	19,050	26,420	4,620	3,610	10,190	76,700	2,700	36,450	170000	7,800	✓	✓	✓	✓	✓	✓
1000080	24B-2	1,500	38,100	25,400	25,400	33,400	6,100	5,080	14,630	101,300	6,800	48,360	280000	14,800	✓	✓	-	✓	✓	✓
1000611	28B-2	1,750	44,450	30,990	27,940	37,080	7,620	6,350	15,900	123,700	6,800	59,560	360000	18,600	✓	✓	-	-	✓	✓
1000618	32B-2	2,000	50,800	30,990	29,210	42,290	7,110	6,350	17,810	122,000	8,000	58,550	450000	20,100	✓	✓	-	-	✓	✓
1000621	40B-2	2,500	63,500	39,300	39,370	52,960	8,130	8,130	22,890	150,500	9,500	72,290	630000	32,800	✓	✓	-	-	✓	✓

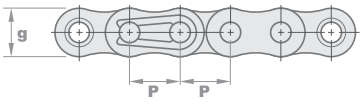
BS triplex chain

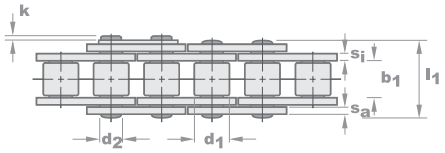
		P	P	b_1	d_1	g	s_i	s_a	d_2	l_3	k	e	(N)							
1000008	05B-3	0.315	8,000	3,000	5,000	7,110	0,760	0,760	2,310	19,900	1,500	5,640	11100	0,540	✓	✓	✓	✓	✓	-
1000017*	06B-3	0,375	9,525	5,720	6,350	8,200	1,290	1,040	3,280	33,300	-	10,240	24900	1,110	✓	✓	✓	✓	-	✓
1000033	08B-3	0,500	12,700	7,750	8,510	11,700	1,550	1,550	4,450	44,300	2,000	13,920	44500	2,100	✓	✓	✓	✓	✓	✓
1000042	10B-3	0,625	15,875	9,650	10,160	14,600	1,550	1,550	5,080	52,000	2,500	16,590	66700	2,540	✓	✓	✓	✓	✓	✓
1000052	12B-3	0,750	19,050	11,680	12,070	16,000	1,810	1,810	5,720	60,900	2,600	19,460	86700	3,590	✓	✓	✓	✓	✓	✓
1000070	16B-3	1,000	25,400	17,020	15,880	21,080	4,120	3,100	8,280	98,600	2,200	31,880	160000	8,150	✓	✓	✓	✓	✓	✓
1000077	20B-3	1,250	31,750	19,560	19,050	26,420	4,620	3,610	10,190	113,200	2,700	36,450	250000	11,650	✓	✓	✓	✓	✓	✓
1000081	24B-3	1,500	38,100	25,400	25,400	33,400	6,100	5,080	14,630	149,700	6,800	48,360	425000	22,250	✓	✓	-	✓	✓	✓
1000616	28B-3	1,750	44,450	30,990	27,940	37,080	7,620	6,350	15,900	183,300	6,800	59,560	530000	28,000	✓	✓	-	-	✓	✓
1000619	32B-3	2,000	50,800	30,990	29,210	42,290	7,110	6,350	17,810	180,500	8,000	58,550	670000	30,000	✓	✓	-	-	✓	✓
1000797	40B-3	2,500	63,500	39,300	39,370	52,960	8,130	8,130	22,890	222,800	9,500	72,290	950000	48,900	✓	✓	-	-	✓	✓

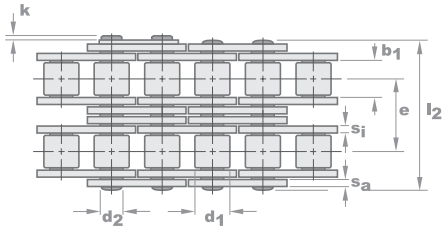
*Only with straight side plates **Straight side plates available

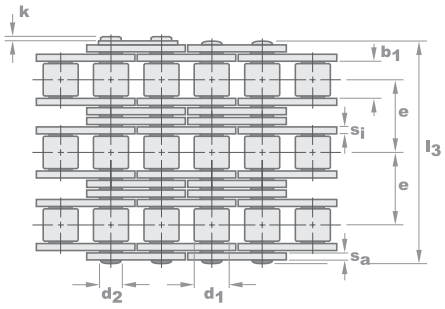
ANSI Standard

DIN 8188, Teil 1/ISO 606-2004










No.4


No. 30


No. 107


No. 11


No. 26


No. 12

Renold Chain No.	ISO No.	Pitch (inch)	Pitch (mm)	Inside Width Max	Roller. Diam Max	Plate Height Max	Inner Plate Thickness	Outer Plate Thickness	Pin Dia Max	Pin Length Max	Con Link Extension	Trans Pitch	ISO606 Tensile Strength Min	Weight kg/m	No. 4	No. 107	No. 26	No. 30	No. 11	No. 12

ANSI standard simplex

Dimensions (mm) — Connecting links

		P	P	b_1	d_1	g	s_i	s_a	d_2	l_1	k	e	(N)							
1000083◊	25-1	0,250	6,350	3,100	3,300	5,900	0,760	0,760	2,300	7,900	-	-	3500	0,120	✓	✓	✓	✓	-	-
1000086◊	35-1	0,375	9,525	4,680	5,080	8,600	1,290	1,290	3,590	12,000	1,700	-	7900	0,350	✓	✓	✓	✓	✓	✓
1000090	40-1	0,500	12,700	7,850	7,920	11,200	1,550	1,550	3,970	16,400	2,100	-	13900	0,600	✓	✓	✓	✓	✓	✓
1000095◊◊	50-1	0,625	15,875	9,400	10,160	14,600	2,040	2,040	5,080	20,400	2,700	-	21800	1,000	✓	✓	✓	✓	✓	✓
1000249	50HV	0,625	15,875	9,400	10,160	14,600	2,450	2,450	5,080	22,000	2,700	-	36800	1,210	✓	✓	✓	✓	✓	✓
1000102◊◊	60-1	0,750	19,050	12,570	11,910	17,500	2,450	2,450	5,940	25,300	2,600	-	31300	1,470	✓	✓	✓	✓	✓	✓
1000100	60H	0,750	19,050	12,570	11,910	17,500	3,220	3,220	5,940	28,600	2,600	-	31300	1,790	✓	✓	✓	✓	✓	✓
1000886	60HV	0,750	19,050	12,570	11,910	17,500	3,220	3,220	5,940	28,600	2,600	-	55000	1,790	✓	✓	✓	✓	✓	✓
1000110	80-1	1,000	25,400	15,750	15,880	24,130	3,250	3,250	7,940	32,700	3,000	-	55600	2,800	✓	✓	✓	✓	✓	✓
1000116	100-1	1,250	31,750	18,900	19,050	30,170	4,060	4,060	9,540	39,700	4,200	-	87000	4,200	✓	✓	-	✓	✓	✓
1000120	120-1	1,500	38,100	25,230	22,230	36,200	4,800	4,800	11,110	49,300	5,300	-	125000	5,700	✓	✓	-	✓	✓	✓
1000124	140-1	1,750	44,450	25,230	25,400	42,230	5,610	5,610	12,710	52,900	5,200	-	170000	7,800	✓	✓	-	✓	✓	✓
1000126	160-1	2,000	50,800	31,550	28,580	48,260	6,350	6,350	14,290	63,100	6,500	-	223000	10,400	✓	✓	-	✓	✓	✓
1000914	200-1	2,500	63,500	37,850	39,670	60,330	8,130	8,130	19,850	76,900	9,000	-	347000	17,300	✓	✓	-	✓	✓	✓

ANSI standard duplex

		P	P	b_1	d_1	g	s_i	s_a	d_2	l_2	k	e	(N)							
1000084◊	25-2	0,250	6,350	3,100	3,300	5,900	0,760	0,760	2,300	14,200	-	6,400	7000	0,260	✓	✓	✓	✓	-	-
1000087◊	35-2	0,375	9,525	4,680	5,080	8,600	1,290	1,290	3,590	22,200	1,700	10,130	15800	0,620	✓	✓	✓	✓	✓	✓
1000091	40-2	0,500	12,700	7,850	7,920	11,200	1,550	1,550	3,970	30,800	2,100	14,380	27800	1,200	✓	✓	✓	✓	-	-
1000096	50-2	0,625	15,875	9,400	10,160	14,600	2,040	2,040	5,080	38,400	2,700	18,110	43600	1,980	✓	✓	✓	✓	✓	✓
1000103	60-2	0,750	19,050	12,570	11,910	17,500	2,450	2,450	5,940	48,100	2,600	22,780	62600	2,910	✓	✓	✓	✓	✓	✓
1000101	60H-2	0,750	19,050	12,570	11,910	17,500	3,220	3,220	5,940	54,700	2,600	26,110	62600	3,550	✓	✓	✓	✓	✓	✓
1000111	80-2	1,000	25,400	15,750	15,880	24,130	3,250	3,250	7,940	61,900	3,000	29,290	111200	5,500	✓	✓	✓	✓	✓	✓
1000117	100-2	1,250	31,750	18,900	19,050	30,170	4,060	4,060	9,540	75,400	4,200	35,760	174000	8,400	✓	✓	-	✓	✓	✓
1000121	120-2	1,500	38,100	25,230	22,230	36,200	4,800	4,800	11,110	94,700	5,300	45,440	250000	11,000	✓	✓	-	✓	✓	✓
1000125	140-2	1,750	44,450	25,230	25,400	42,230	5,610	5,610	12,710	101,800	5,200	48,870	340000	15,500	✓	✓	-	✓	✓	✓
1000127	160-2	2,000	50,800	31,550	28,580	48,260	6,350	6,350	14,290	121,600	6,500	58,550	446000	20,600	✓	✓	-	✓	✓	✓

ANSI standard triplex

		P	P	b_1	d_1	g	s_i	s_a	d_2	l_3	k	e	(N)							
1000085◊	25-3	0,250	6,350	3,100	3,300	5,900	0,760	0,760	2,300	20,800	-	6,400	10500	0,390	✓	✓	✓	✓	-	-
1000088◊	35-3	0,375	9,525	4,680	5,080	8,600	1,290	1,290	3,590	32,200	1,700	10,130	23700	0,930	✓	✓	✓	✓	✓	✓
1000092	40-3	0,500	12,700	7,850	7,920	11,200	1,550	1,550	3,970	45,100	2,100	14,380	41700	1,800	✓	✓	✓	✓	✓	✓
1000097	50-3	0,625	15,875	9,400	10,160	14,600	2,040	2,040	5,080	56,500	2,700	18,110	65400	2,960	✓	✓	✓	✓	✓	✓
1000104	60-3	0,750	19,050	12,570	11,910	17,500	2,450	2,450	5,940	70,900	2,600	22,780	93900	4,380	✓	✓	✓	✓	✓	✓
1000287	60H-3	0,750	19,050	12,570	11,910	17,500	3,220	3,220	5,940	80,800	2,600	26,110	93900	5,300	✓	✓	✓	-	✓	✓
1000112	80-3	1,000	25,400	15,750	15,880	24,130	3,250	3,250	7,940	91,200	3,000	29,290	166800	8,300	✓	✓	✓	✓	✓	✓
1000118	100-3	1,250	31,750	18,900	19,050	30,170	4,060	4,060	9,540	111,200	4,200	35,760	261000	12,600	✓	✓	-	✓	✓	✓
1000122	120-3	1,500	38,100	25,230	22,230	36,200	4,800	4,800	11,110	140,200	5,300	45,440	375000	16,700	✓	✓	-	✓	✓	✓
1000191	140-3	1,750	44,450	25,230	25,400	42,230	5,610	5,610	12,710	150,700	5,200	48,870	510000	23,100	✓	✓	-	✓	✓	✓
1000192	160-3	2,000	50,800	31,550	28,580	48,260	6,350	6,350	14,290	180,200	6,500	58,550	669000	31,000	✓	✓	-	✓	✓	✓

◊ Bush diameter ◊◊ Straight side plates available

‡ Renold Chain products that are dimensionally in line with the ISO standard far exceed the stated ISO minimum tensile strength requirements. However Renold does not consider breaking load to be a key indicator of performance because it ignores the principal factors of wear and fatigue. In these areas, Renold products are designed to produce the best possible results and independent testing proves this. In this catalogue, where the ISO breaking load is quoted, it should be noted that we are stating that the A&S chain conforms to the ISO minimum standard. Independent test results show that the minimum (many companies quote averages) breaking loads are far in excess of the ISO minimum.

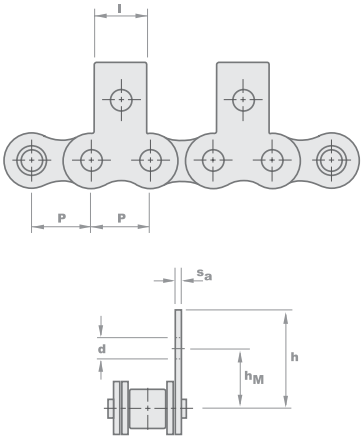
For some chain types the product has no relevant ISO standard. In this case, the breaking loads quoted are the minimum guaranteed.

Roller chain with attachments M1/M2

Roller chain with M1 attachments

Dimensions (mm)

DIN ISO	Inner-Plate	Outer-Plate	l	h	h_M	d	s_i	s_a	g/2		
04	110 10 58	110 10 59	5,800	10,000	6,800	2,300	0,570	0,570	2,500	WN*	
05B	110 03 97	110 07 09	7,800	11,900	8,600	2,300	0,730	0,730	3,400	WN	
06B	110 02 48	110 02 44	8,000	14,500	10,100	3,300	1,250	1,000	4,000	WN	
08B	111 37 63	111 37 64	11,000	20,800	13,000	4,300	1,500	1,500	5,800	DIN	
08B	110 05 09	110 05 05	11,000	20,800	13,700	4,300	1,500	1,500	5,800	WN	
10B	110 07 51	110 07 47	14,000	24,900	16,500	5,300	1,500	1,500	7,300	DIN	
12B	111 37 87	111 37 88	18,000	28,200	21,000	6,600	1,760	1,760	8,100	DIN	
12B	110 09 64	110 09 60	18,000	28,200	18,500	6,400	1,760	1,760	8,100	WN	
16B	111 37 31	111 37 32	24,000	39,700	23,000	6,600	3,700	3,000	10,300	DIN	
16B	110 15 67	110 15 63	24,000	40,000	27,400	8,400	3,700	3,000	10,000	WN	
20B	111 37 99	111 38 00	30,000	47,500	30,500	8,400	4,400	3,500	12,500	DIN	
20B	110 17 85	110 17 81	30,000	47,500	33,000	10,400	4,400	4,100	12,500	WN	
24B	110 18 95	110 18 91	36,000	61,500	42,700	10,500	5,400	5,000	16,700	WN	
08A	110 67 96	110 22 86	9,500	17,500	12,700	3,300	1,500	1,500	5,500	DIN	
10A	110 34 19	110 34 67	12,700	24,600	15,900	5,300	2,000	2,000	7,200	DIN	
12A	110 76 37	110 76 42	15,900	26,000	18,300	5,300	2,400	2,400	8,600	DIN	
16A	111 37 25	111 30 95	24,000	39,700	24,600	6,600	3,000	3,000	10,300	DIN	



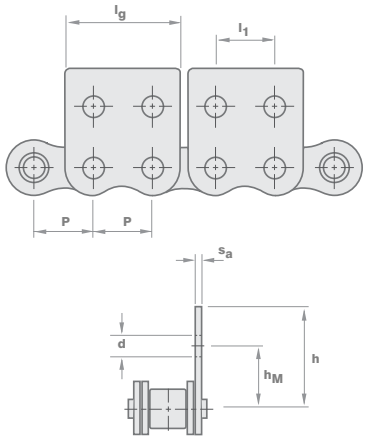
For base chain measurements, please see pages 4 and 5.

*WN = Works standard, please note measurement differences.

Roller chain with M2 attachments

Dimensions (mm)

DIN ISO	Inner-Plate	Outer-Plate	h	h_M	d	s_i	s_a	g/2	l_g	l_1		
04	110 11 22	110 11 25	10,000	6,800	2,300	0,570	0,570	2,500	11,100	6,000	WN*	
05B	110 05 99	110 01 26	11,900	8,600	2,300	0,730	0,730	3,400	14,800	8,000	WN	
06B	110 02 50	110 02 46	14,500	10,100	3,300	1,250	1,000	4,000	17,600	9,500	WN	
08B	111 37 66	111 37 67	20,800	13,000	4,300	1,500	1,500	5,800	24,400	12,700	DIN	
08B	110 05 11	110 05 07	20,800	13,700	4,300	1,500	1,500	5,800	24,400	12,700	WN	
10B	110 07 53	110 07 49	24,900	16,500	5,300	1,500	1,500	7,300	29,900	15,900	DIN	
12B	111 37 90	111 37 91	28,200	21,000	6,600	1,760	1,760	8,100	35,400	19,000	DIN	
12B	110 09 66	110 09 62	28,200	18,500	6,400	1,760	1,760	8,100	35,400	19,000	WN	
16B	111 37 34	111 37 35	39,700	23,000	6,600	3,700	3,000	10,300	46,200	25,400	DIN	
16B	110 15 69	110 15 65	40,000	27,400	8,400	3,700	3,000	10,000	45,400	25,400	WN	
20B	111 38 02	111 38 03	47,500	30,500	8,400	4,400	3,500	12,500	57,000	31,700	DIN	
20B	110 17 87	110 17 83	47,500	33,000	10,400	4,400	4,100	12,500	57,000	31,700	WN	
24B	110 18 97	110 18 93	61,500	42,700	10,500	5,400	5,000	16,700	71,500	38,100	WN	
08A	110 67 98	110 68 01	17,500	12,700	3,300	1,500	1,500	5,500	24,000	12,700	DIN	
10A	110 54 20	110 56 27	24,600	15,900	5,300	2,000	2,000	7,200	29,900	15,800	DIN	
12A	110 76 39	110 26 31	27,700	18,300	5,300	2,400	2,400	8,600	35,600	19,000	DIN	
16A	111 30 99	111 37 27	39,700	24,600	6,600	3,000	3,000	10,300	46,200	25,400	DIN	



For base chain measurements, please see pages 4 and 5.

*WN = Works standard, please note measurement differences.

Roller chain with attachments K1/K2

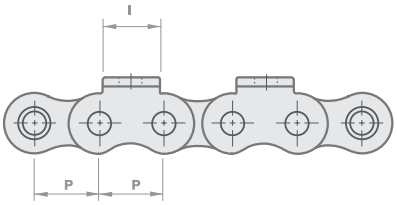
Roller chain with K1 attachments

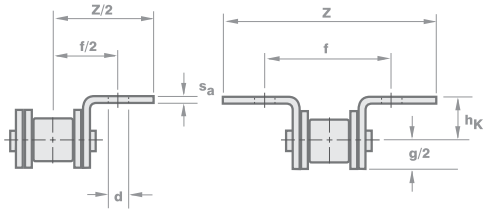
Dimensions (mm)

DIN ISO	Inner-Plate	Outer-Plate								Guiding-Dim.		
			l	h_K	d	s_i	s_a	g/2	f	z		
04	110 11 05	110 11 06	5,800	4,500	2,300	0,570	0,570	2,500	11,200	17,600	WN*	
05B	110 01 18	110 01 19	7,800	5,300	2,300	0,730	0,730	3,400	13,500	21,500	WN	
06B	110 02 60	110 02 56	8,000	6,700	3,300	1,250	1,000	4,000	19,600	28,500	WN	
08B	111 37 69	111 37 70	11,000	8,900	4,300	1,500	1,500	5,800	25,400	41,700	DIN	
08B	110 05 21	110 05 17	11,000	8,500	4,300	1,500	1,500	5,800	27,600	41,900	WN	
10B	111 07 63	110 07 59	14,000	10,300	5,300	1,500	1,500	7,300	31,800	49,600	DIN	
12B	111 37 93	111 37 94	18,000	13,500	6,600	1,760	1,760	8,100	38,100	52,700	DIN	
12B	110 09 76	110 09 72	18,000	12,200	6,400	1,760	1,760	8,100	35,200	54,600	WN	
16B	111 37 37	111 37 38	24,000	15,900	6,600	3,700	3,000	10,300	50,800	85,600	DIN	
16B	110 15 79	110 15 75	24,000	17,000	8,400	3,700	3,000	10,000	58,000	83,800	WN	
20B	111 38 05	111 38 06	30,000	19,900	8,400	4,400	3,500	12,500	63,500	100,000	DIN	
20B	110 17 97	110 17 93	30,000	21,000	10,400	4,400	4,100	12,500	69,000	98,700	WN	
24B	110 19 07	110 19 03	36,000	28,000	10,500	5,400	5,000	16,700	88,000	124,700	WN	
08A	110 22 82	110 22 74	9,500	7,900	3,300	1,500	1,500	5,500	25,400	35,800	DIN	
10A	110 59 99	110 61 97	12,700	10,300	5,300	2,000	2,000	7,200	31,800	49,800	DIN	
12A	110 76 51	110 26 95	15,900	11,900	5,300	2,400	2,400	8,600	38,100	58,000	DIN	
16A	111 31 06	111 31 07	24,000	15,900	6,600	3,000	3,000	10,300	50,800	82,600	DIN	

For base chain measurements, please see pages 4 and 5.

*WN = Works standard, please note measurement differences.





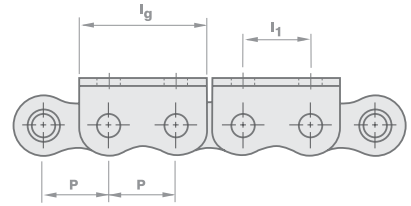
Roller chain with K2 attachments

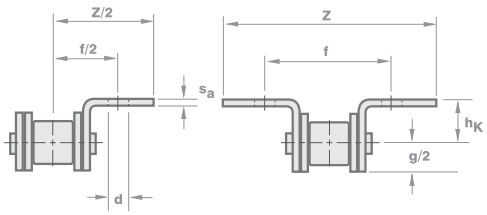
Dimensions (mm)

DIN ISO	Inner-Plate	Outer-Plate									Guiding-Dim.		
			h_K	d	s_i	s_a	g/2	l_g	l_1	f	z		
04	110 11 58	110 37 66	4,500	2,300	0,570	0,570	2,500	11,100	6,000	11,200	17,600	WN*	
05B	110 11 11	110 01 23	5,300	2,300	0,730	0,730	3,400	14,800	8,000	13,500	21,500	WN	
06B	110 02 62	110 02 58	6,700	3,300	1,250	1,000	4,000	17,600	9,500	19,600	28,500	WN	
08B	111 37 72	111 37 73	8,900	4,300	1,500	1,500	5,800	24,400	12,700	25,400	41,700	DIN	
08B	110 05 23	110 05 19	8,500	4,300	1,500	1,500	5,800	24,400	12,700	27,600	41,900	WN	
10B	111 07 65	110 07 61	10,300	5,300	1,500	1,500	7,300	29,900	15,900	31,800	49,600	DIN	
12B	111 37 96	111 37 97	13,500	6,600	1,760	1,760	8,100	35,400	19,000	38,100	52,700	DIN	
12B	110 09 78	110 09 74	12,200	6,400	1,760	1,760	8,100	35,400	19,000	35,200	54,600	WN	
16B	111 37 40	111 37 41	15,900	6,600	3,700	3,000	10,300	46,200	25,400	50,800	85,600	DIN	
16B	110 15 81	110 15 77	17,000	8,400	3,700	3,000	10,000	45,400	25,400	58,000	83,800	WN	
20B	111 38 08	111 38 09	19,900	8,400	4,400	3,500	12,500	57,000	31,700	63,500	100,000	DIN	
20B	110 17 99	110 17 95	21,000	10,400	4,400	4,100	12,500	57,000	31,700	69,000	98,700	WN	
24B	110 19 09	110 19 05	28,000	10,500	5,400	5,000	16,700	71,500	38,100	88,000	124,700	WN	
08A	110 68 12	110 22 76	7,900	3,300	1,500	1,500	5,500	24,000	12,700	25,400	35,800	DIN	
10A	110 65 48	110 65 49	10,300	5,300	2,000	2,000	7,200	29,900	15,800	31,800	49,800	DIN	
12A	110 76 53	110 26 94	11,900	5,300	2,400	2,400	8,600	35,600	19,000	38,100	58,000	DIN	
16A	111 31 11	111 37 29	15,900	6,600	3,000	3,000	10,300	46,200	25,400	50,800	82,600	DIN	

For base chain measurements, please see pages 4 and 5.

*WN = Works standard, please note measurement differences.



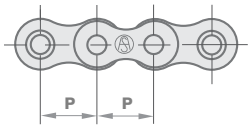


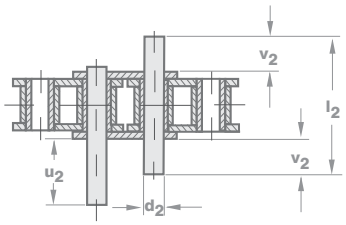
Roller chain with extended pins

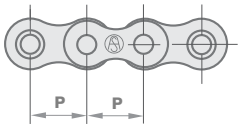
Dimensions (mm)

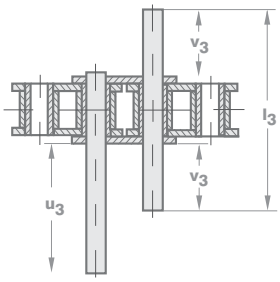
DIN ISO	Pin	d_2	l_2	u_2	v_2	d_2	l_3	u_3	v_3		
04	110 00 59	1,850	12,500	6,300	3,500	-	-	-	-	-	
	110 00 64	-	-	-	-	1,850	18,000	11,800	6,200	-	
05B-1	110 74 22	2,310	13,600	6,400	3,600	-	-	-	-	-	
	110 01 21	-	-	-	-	2,310	19,100	11,900	6,300	-	
06B-1	110 02 70	3,280	23,000	11,300	6,100	-	-	-	-	-	
	110 02 76	-	-	-	-	3,280	33,300	21,600	11,200	-	
08B-1	110 58 79	4,450	30,400	14,800	7,900	-	-	-	-	-	
	110 59 15	-	-	-	-	4,450	44,300	28,700	14,800	-	
10B-1	110 59 38	5,080	35,400	17,600	9,300	-	-	-	-	-	
	110 65 55	-	-	-	-	5,080	52,000	34,200	17,600	-	
12B-1	110 59 57	5,720	41,400	20,700	10,900	-	-	-	-	-	
	110 59 70	-	-	-	-	5,720	60,900	40,200	20,700	-	
16B-1	110 15 90	8,280	66,800	33,300	17,400	-	-	-	-	-	
	110 16 08	-	-	-	-	8,280	98,700	65,200	33,300	-	
20B-1	110 18 07	10,190	77,900	38,300	20,000	-	-	-	-	-	
	110 18 23	-	-	-	-	10,190	114,400	74,800	38,300	-	
24B-1	110 19 34	14,630	101,000	50,400	26,200	-	-	-	-	-	
	110 19 35	-	-	-	-	14,630	149,400	98,800	50,400	-	
08A-1	110 23 00	3,960	30,800	15,200	8,000	-	-	-	-	-	
	110 34 00	-	-	-	-	3,960	45,100	29,500	15,200	-	
	111 38 69	3,960	25,100	9,500	-	-	-	-	-	ANSI	
10A-1	110 24 90	5,080	38,400	19,000	10,100	-	-	-	-	-	
	110 25 06	-	-	-	-	5,080	56,500	37,100	19,100	-	
	111 38 70	5,080	31,200	11,900	-	-	-	-	-	ANSI	
12A-1	110 27 18	5,940	48,100	24,000	12,600	-	-	-	-	-	
	110 27 35	-	-	-	-	5,940	70,900	46,800	24,000	-	
	111 38 71	5,940	38,400	14,300	-	-	-	-	-	ANSI	
16A-1	110 29 15	7,920	61,300	30,800	16,100	-	-	-	-	-	
	110 29 32	-	-	-	-	7,920	90,600	60,100	30,700	-	
	111 38 72	7,920	49,600	19,100	-	-	-	-	-	ANSI	

For base chain measurements, please see pages 4 and 5.









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