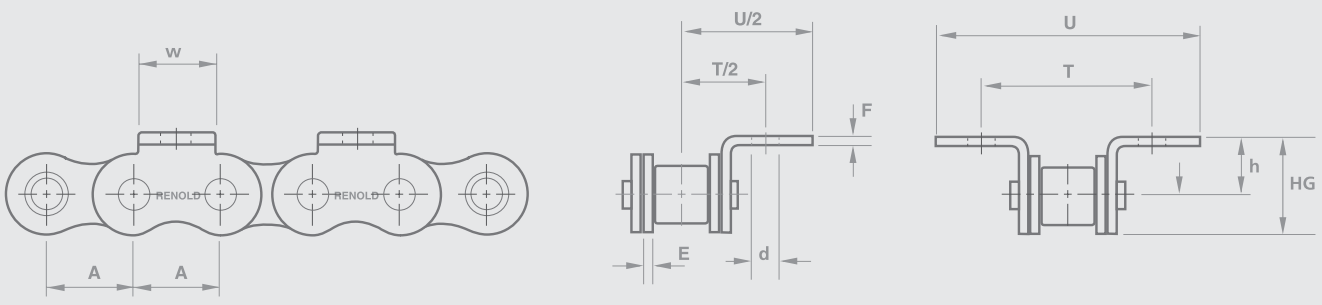


K1 Attachments

ISO 606



Chain Ref.		Technical Details (mm)									
Renold Chain No.	ISO Ref.	Pitch (inch)	Pitch (mm)					Min			Max

ISO Standard

		A	A	E	F	w	h	d	g	T	U
1161	04	0.236	6.000	0.57	0.57	5.8	4.5	2.3	2.5	11.2	17.6
05B1	05B	0.315	8.000	0.73	0.73	7.8	5.3	2.3	3.4	13.5	21.5
06B1*	06B	0.375	9.525	1.25	1.00	8.0	6.7	3.3	4.0	19.6	28.5
08B1 ■	08B	0.500	12.700	1.5	1.51	11.0	8.9	4.3	5.8	25.4	41.5
10B1 ■	10B	0.625	15.875	1.5	1.51	14.0	10.3	5.3	6.8	31.8	49.6
12B1 ■	12B	0.750	19.050	1.76	1.76	18.0	13.5	6.6	8.1	38.1	52.7
16B1 ■	16B	1.000	25.400	3.70	3.00	24.0	15.9	6.6	10.25	50.8	85.6
20B1	20B	1.250	31.750	4.40	4.1	30.0	19.9	8.4	12.5	63.5	98.6
24B1	24B	1.500	38.100	6.0	5.00	36.0	28.0	10.5	16.7	88.0	124.7

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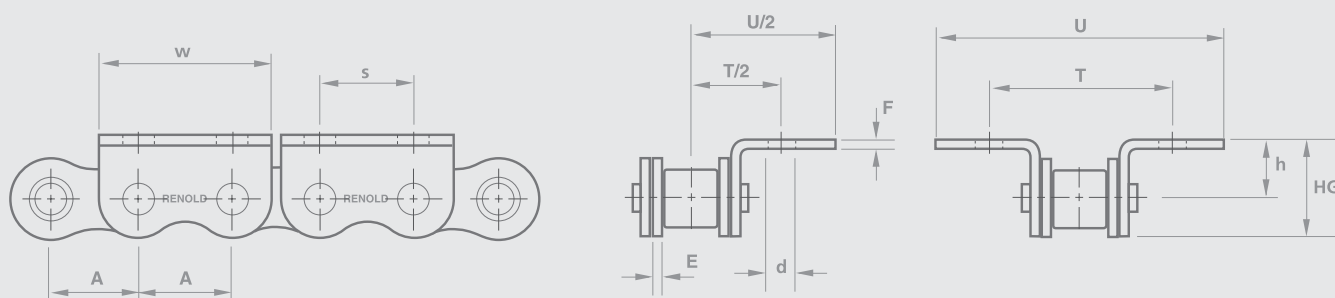
w: www.renold.com

Also available from Renold



K2 Attachments

ISO 606



Chain Ref.		Technical Details (mm)										
Renold Chain No.	ISO Ref.	Pitch (inch)	Pitch (mm)				Min					Max

ISO Standard

		A	A	E	F	h	d	g	w	s	T	U
1161	04	0.236	6.000	0.57	0.57	4.5	2.3	2.5	11.1	6.0	11.2	17.6
05B1	05B	0.315	8.000	0.73	0.73	5.3	2.3	3.4	14.8	8.0	13.5	21.5
06B1*	06B	0.375	9.525	1.25	1.00	6.7	3.3	4.1	17.6	9.5	19.6	28.5
08B1 ■	08B	0.500	12.700	1.5	1.5	8.9	4.3	5.8	24.4	12.7	25.4	41.5
10B1 ■	10B	0.625	15.875	1.5	1.5	10.3	5.3	6.8	29.9	15.8	31.8	49.6
12B1 ■	12B	0.750	19.050	1.76	1.76	13.5	6.6	8.1	35.4	19.0	38.1	52.7
16B1 ■	16B	1.000	25.400	3.70	3.00	15.9	6.6	10.25	46.2	25.4	50.8	85.6
20B1	20B	1.250	31.750	4.40	4.1	19.9	8.4	12.5	57.0	31.7	63.5	98.6
24B1	24B	1.500	38.100	6.0	5.00	28.0	10.5	16.7	71.5	38.1	88.0	124.7

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Chain Wear Guide
Page 85



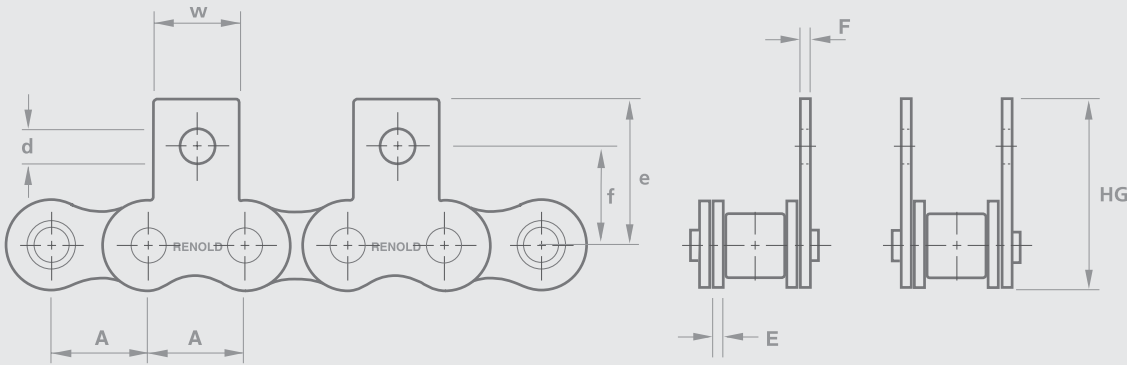
Measure chain
extension easily



Roll-Ring Page 65
Chain tensioner

M1 Attachments

Renold & ISO 606



Chain Ref.		Technical Details (mm)									
Renold Chain No.	ISO Ref.	Pitch (inch)	Pitch (mm)						Min		

ISO Standard

		A	A	E	F	w	e	f	d	g	HG
1161	04	0.236	6.000	0.57	0.57	5.8	10.0	6.8	2.3	2.5	12.5
05B1	05B	0.315	8.000	0.73	0.73	7.8	11.9	8.6	2.3	3.4	15.3
06B1*	06B	0.375	9.525	1.25	1.00	8.0	14.5	10.1	3.3	4.0	18.5
08B1 ■	08B	0.500	12.700	1.5	1.5	11.0	20.8	13.0	4.3	5.8	26.6
10B1 ■	10B	0.625	15.875	1.5	1.5	14.0	24.9	16.5	5.3	6.8	31.7
12B1 ■	12B	0.750	19.050	1.76	1.76	18.0	28.2	21.0	6.6	8.1	36.3
16B1 ■	16B	1.000	25.400	3.70	3.00	24.0	39.7	23.0	6.6	10.25	50.0
20B1	20B	1.250	31.750	4.40	3.7	30.0	47.5	30.5	8.4	12.5	60.0
24B1	24B	1.500	38.100	6.0	5.00	36.0	61.5	42.7	10.5	16.7	78.2

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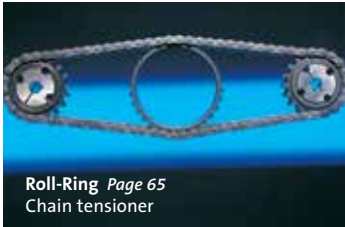
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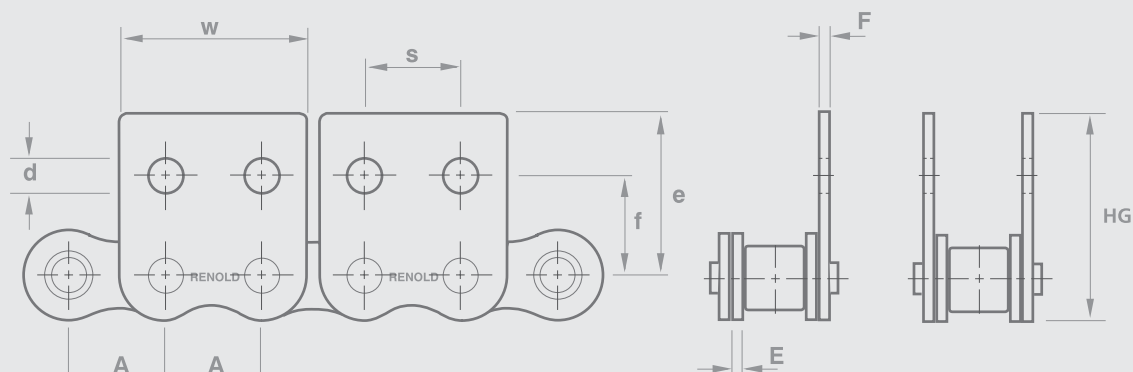
Measure chain
extension easily



Roll-Ring Page 65
Chain tensioner

M2 Attachments

ISO 606



Chain Ref.		Technical Details (mm)										
Renold Chain No.	ISO Ref.	Pitch (inch)	Pitch (mm)					Min				
1161	04	0.236	6.000	0.57	0.57	10.0	6.8	2.3	2.5	11.1	6.0	12.5
05B1	05B	0.315	8.000	0.73	0.73	11.9	8.6	2.3	3.4	14.8	8.0	15.3
06B1*	06B	0.375	9.525	1.25	1.00	14.5	10.1	3.3	4.1	17.6	9.5	18.5
08B1 ■	08B	0.500	12.700	1.5	1.5	20.8	13.0	4.3	5.8	24.4	12.7	26.6
10B1 ■	10B	0.625	15.875	1.5	1.5	24.9	16.5	5.3	6.8	29.9	15.8	31.7
12B1 ■	12B	0.750	19.050	1.76	1.76	28.2	21.0	6.6	8.1	35.4	19.0	36.3
16B1 ■	16B	1.000	25.400	3.70	3.00	39.7	23.0	6.6	10.25	46.2	25.4	50.0
20B1	20B	1.250	31.750	4.40	3.7	47.5	30.5	8.4	12.5	57.0	31.7	60.0
24B1	24B	1.500	38.100	6.0	5.00	61.5	42.7	10.5	16.7	71.5	38.1	78.2

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For further information:

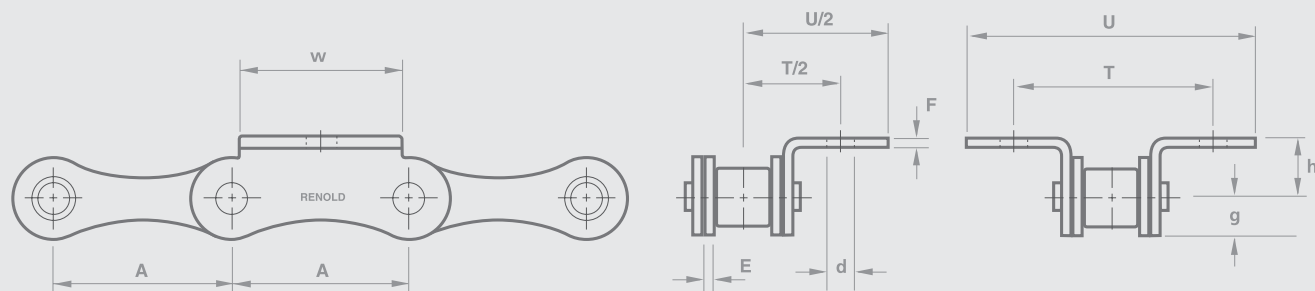
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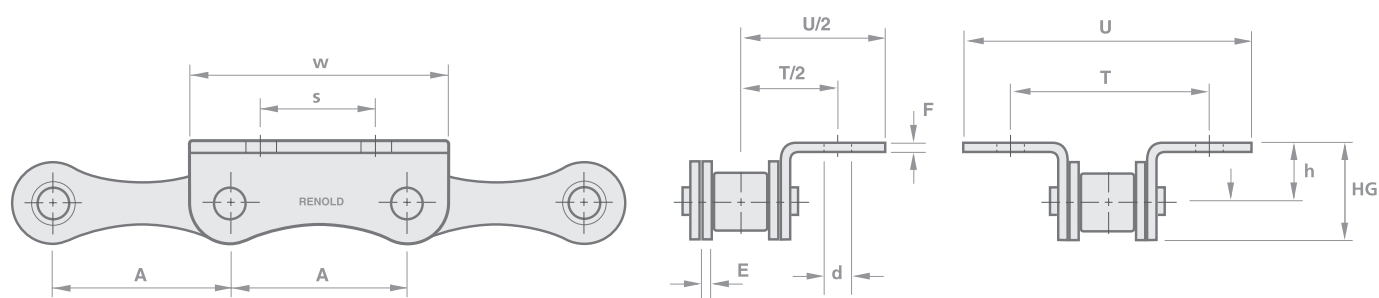
Double Pitch K1/K2 Attachments



Chain Ref.		Technical Details (mm)										
Renold Chain No.	ISO Ref.	Pitch (inch)	Pitch (mm)									

Renold BS K1 Attachments

		A	A	E	F	h	T	d	g	w	U	HG
208B1*	208B	1.00	25.40	1.5	1.5	8.5	27.6	4.3	5.75	23.8	42.5	16.25
210B1*	210B	1.25	31.75	1.5	1.5	10.5	31.6	5.3	7.3	35.4	48.5	17.8
212B1*	212B	1.50	38.10	1.76	1.76	12.2	35.2	6.4	8.0	20.0	54.8	20.2
216B1	216B	2.00	50.80	3.70	3.00	17.0	58.0	8.4	10.3	40.0	83.8	27.3
220B1	220B	2.50	63.50	4.40	4.10	-	-	10.5	11.3	69.0	-	-
224B1	224B	3.00	76.20	5.40	5.00	-	-	10.5	16.7	88.0	-	-



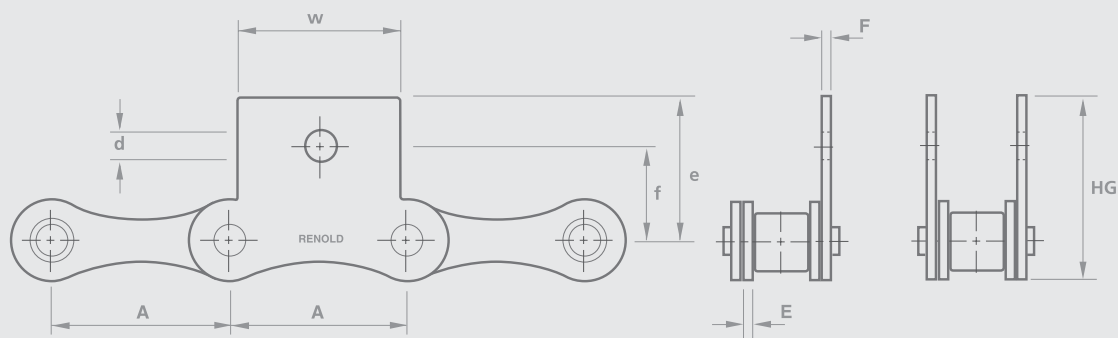
Chain Ref.		Technical Details (mm)										
Renold Chain No.	ISO Ref.	Pitch (inch)	Pitch (mm)				Min					

Renold BS K2 Attachments

		A	A	E	F	h	d	g	w	s	T	U	HG
113083*	208B1	1.00	25.40	1.5	1.5	8.5	4.3	7.75	37.1	12.7	27.6	42.5	16.25
113103*	210B1	1.25	31.75	1.5	1.5	10.5	5.3	7.3	46.7	15.8	31.6	48.5	17.8
113123*	212B1	1.50	38.10	1.76	1.76	12.2	6.4	8.0	54.4	19.0	35.2	54.8	20.2
113168	216B1	2.00	50.80	3.70	3.00	17.0	8.4	10.3	71.3	25.4	58.0	83.8	27.3
113203	220B1	2.50	63.50	4.40	4.10	21.0	10.5	11.3	86.5	31.7	69.0	98.7	-

* Straight plate

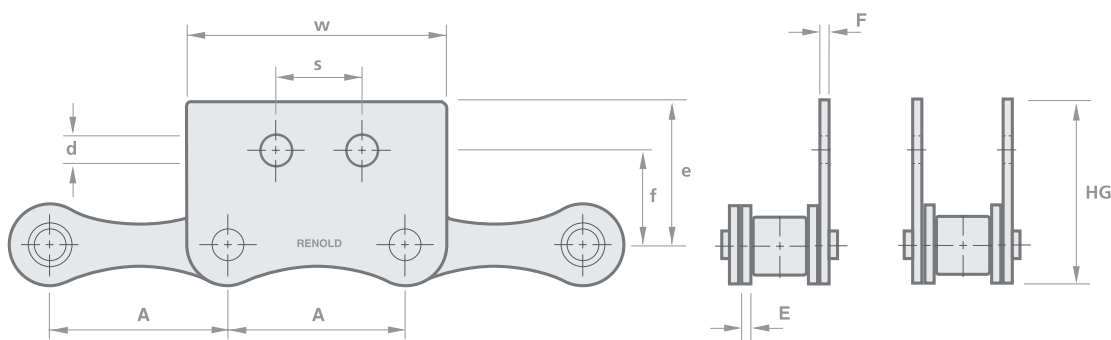
Double Pitch M1/M2 Attachments



Chain Ref.		Technical Details (mm)									
Renold Chain No.	ISO Ref.	Pitch (inch)	Pitch (mm)								

Renold BS M1 Attachments

		A	A	E	F	w	e	f	d	g	HG
113083*	208B1	1.00	25.40	1.5	1.5	23.8	20.8	13.7	4.3	5.75	26.6
113103*	210B1	1.25	31.85	1.5	1.5	25.4	24.9	16.5	5.3	7.3	32.2
113123*	212B1	1.50	38.10	1.76	1.76	20.0	28.3	18.5	6.4	8.0	36.3
113168	216B1	2.00	50.80	3.70	3.00	40.0	40.0	27.4	8.4	10.3	50.3
113203	220B1	2.50	63.50	4.40	4.10	40.0	48.7	33.0	10.5	11.3	-
113243	224B1	3.00	76.20	5.40	5.00	70.0	61.5	42.7	10.5	16.7	-



Chain Ref.		Technical Details (mm)									
Renold Chain No.	ISO Ref.	Pitch (inch)	Pitch (mm)								

Renold BS M2 Attachments

		A	A	E	F	e	f	d	g	w	s	HG
113083*	208B1	1.00	25.40	1.5	1.5	20.8	13.7	4.3	5.75	37.1	12.7	26.6
113103*	210B1	1.25	31.75	1.5	1.5	24.9	16.5	5.3	7.3	46.7	15.8	32.2
113123*	212B1	1.50	38.10	1.76	1.76	28.3	18.5	6.4	8.0	54.4	19.0	36.3
113168	216B1	2.00	50.80	3.70	3.00	40.0	27.4	8.4	10.3	71.3	25.4	50.3
113203	220B1	2.50	63.50	4.40	4.10	48.7	33.0	10.5	11.3	86.5	31.7	-
113243	224B1	3.00	76.20	5.40	5.00	61.5	42.7	10.5	16.7	-	38.1	-

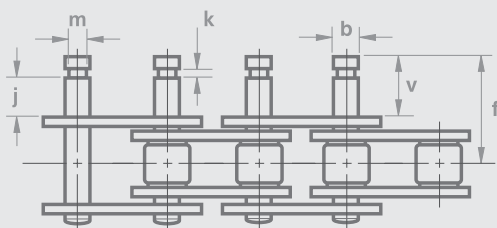
* Straight plate

Extended Bearing Pins

European (BS) Standard / ISO 606



Extended pin + circlip groove (type C)
to suit standard external circlips to BS3673 Part 2



Unit assemblies



No 163
Outer link



No 165
Connecting link - spring clip



No 164
Outer link



No 166
Connecting link - spring clip

Chain Ref.		Technical Details (mm)							
Renold Chain No.	ISO Ref.	Pitch (inch)	Pitch (mm)	Pin Diam.	Extension Length to Circlip Groove	Circlip Groove Width	Circlip Groove Diam.	Chain track from chain Centre line	Extension Length
				MAX	MAX	MIN	MIN	MAX	

Type C

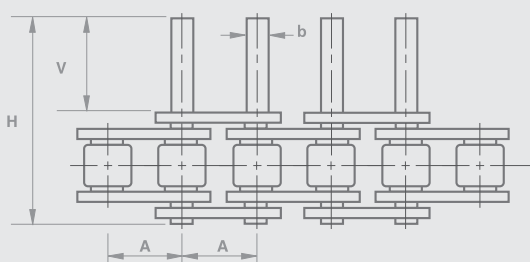
		A	A	b	j	k	m	f	v
08B1	08B-1	0.500	12.700	4.45	7.16	0.64	3.125	17.85	9.2
10B1	10B-1	0.625	15.875	5.08	9.5	0.71	3.61	21.5	11.9
12B1	12B-1	0.750	19.050	5.72	11.96	0.74	3.925	25.15	15.6
16B1	16B-1	1.000	25.400	8.28	15.75	1.25	7.15	50.65	34.63

Extended pins with circlip groove

(clip not supplied unless specifically requested)



Extended pin (type D)



Unit assemblies



No 563
Outer link



No 565
Connecting link - spring clip



No 564
Outer link



No 566
Connecting link - spring clip

Chain Ref.		Technical Details (mm)				
Renold Chain No.	ISO Ref.	Pitch (inch)	Pitch (mm)	Pin Diam.	Extension Length	Pin Length
					±0.25	MIN

Type D - ISO 606

		A	A	b	v	H
06B1*	06B-1	0.375	9.525	3.28	11.3	23.0
08B1	08B-1	0.500	12.700	4.43	14.8	30.4
10B1	10B-1	0.625	15.875	5.06	17.6	35.4
12B1	12B-1	0.750	19.050	5.70	20.7	41.4
16B1	16B-1	1.000	25.400	8.27	33.3	66.8
20B1	20B-1	1.250	31.750	10.17	38.3	77.9
24B1	24B-1	1.500	38.100	14.63	50.3	101.3

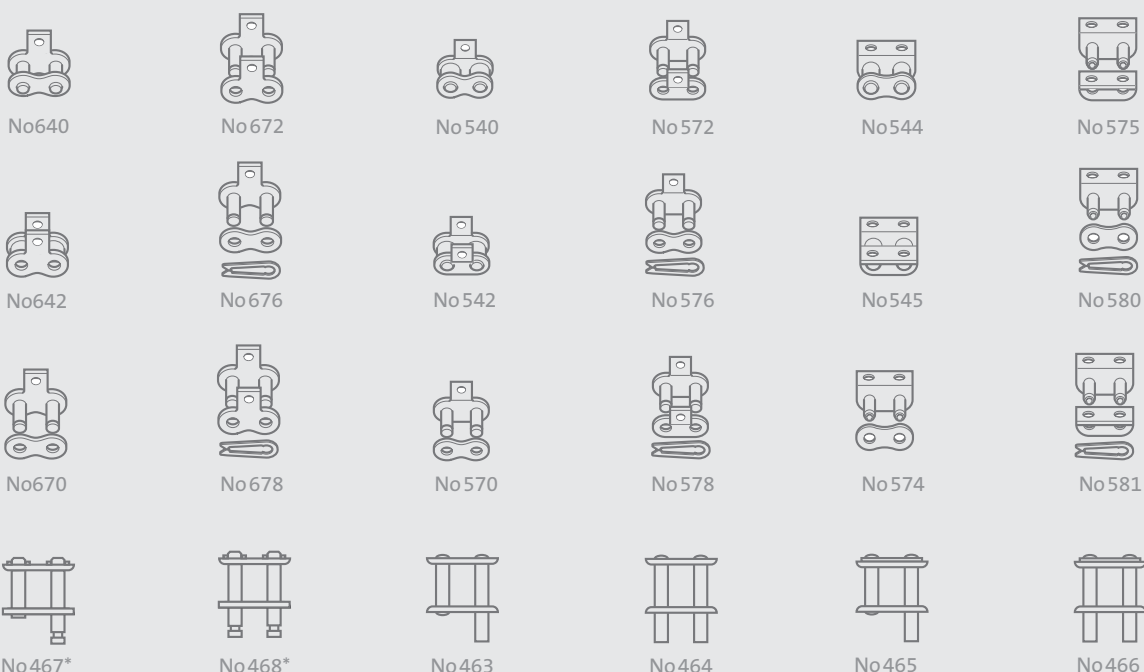
* Straight plate Available with our 24, 48 & 72 Hour Fast Turnaround Service

Straight extended pin



Attachment Chain Connecting Links

ANSI Standard



* Ansi 80

Special or adapted roller chain

In addition to our ranges of standard series chain we can also offer:

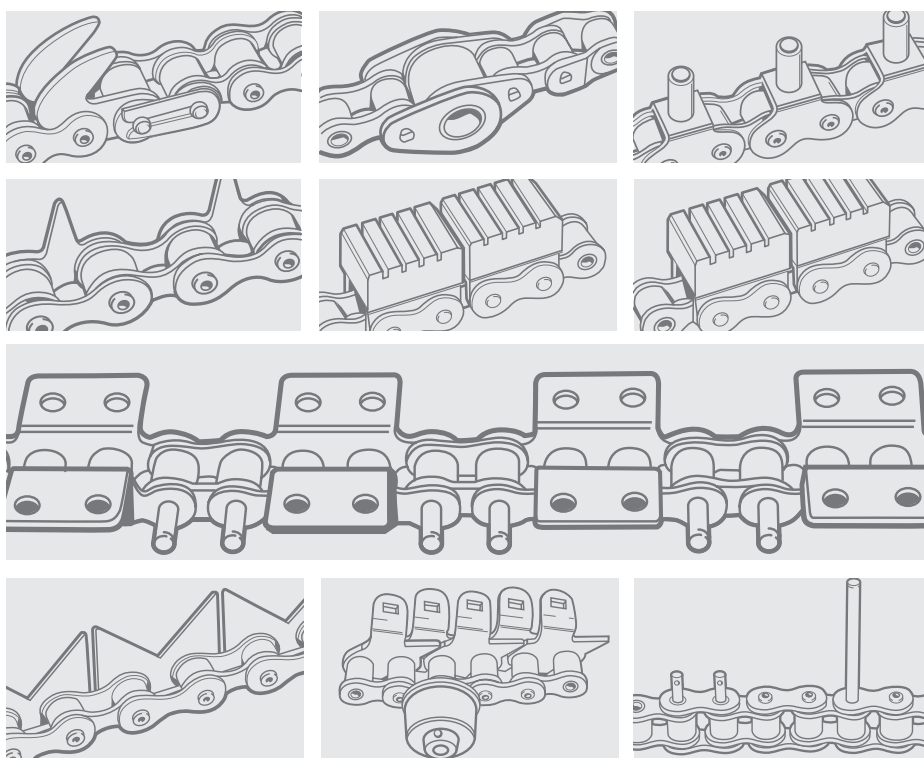
- Standard Series Chain adapted to your unique needs with special attachments
- Special Chain designed with integral attachments to meet individual requirements

Renold adapted chain can be in the form of special plates, pin rollers, or blocks which can be designed, manufactured and assembled into chain of all pitch sizes.

Attachments can be made from normal materials, stainless steel or plastics.

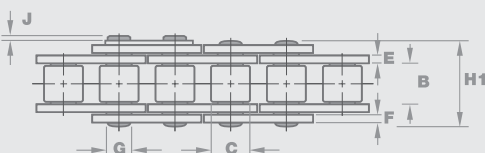
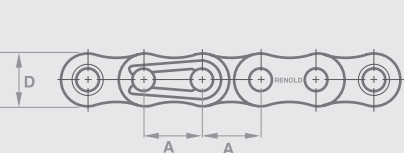
We will be pleased to receive details of your requirements and evaluate them for strength, durability, price and despatch. They can be manufactured from your own designs or adapted from existing drawings.

The illustrations show only a small selection of the wide range of variants and these chains have been used successfully in many branches of industry for the feeding, conveying and discharge of a variety of products.



Standard Attachments

ANSI standard



No.4
Inner link



No.26
Connecting link-spring clip
(for chains up to .75" pitch)



No.107
Riveting pin link



No.58
Connecting link-press fit
(for chains of 1" pitch)

Renold standard power transmission chain can be adapted for conveying duties by the fitment of attachments shown on these pages. The attachments can be assembled on one or both sides of the chain at any desired pitch spacing.

- Note:
- 1. K2 attachments cannot be assembled on adjacent inner and outer links on the same side of the chain.
 - 2. M2 & K2 attachments cannot be assembled next to a No. 30 (Cranked link double) joint.

Bearing pins with an extension on one side of the chain can be built into chain at any desired pitch spacing and afford a simple means by which attachments or tubular staybars may be secured to chain.

Chain Ref.		Technical Details (mm)											
Renold Chain No.	ISO Ref.	Pitch (inch)	Pitch (mm)	Inside Width	Roller Diam.	Plate Height	Plate Width Inner	Plate Width Outer	Pin Diam.	Pin Length	Conn. Link Extension	ISO606 Tensile Strength (NEWTONS)	Weight
				MIN	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MIN	kg/m

ANSI Standard - Simplex

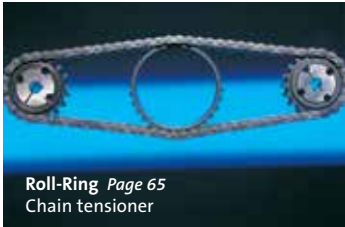
		A	A	B	C	D	E	F	G	H1	J	K	
35A1 [◇]	35	0.375	9.525	4.68	5.08 ^{◇◇}	8.6	1.25	1.25	3.59	12.0	3.3	10000	0.31
40A1	40	0.500	12.700	7.85	7.92	11.2	1.5	1.5	3.97	16.4	3.9	16900	0.6
50A1	50	0.625	15.875	9.40	10.16	14.6	2.0	2.0	5.08	20.4	4.1	27800	1.0
60A1	60	0.750	19.050	12.57	11.91	17.5	2.4	2.4	5.94	25.3	4.6	38000	1.51
80A1	80	1.000	25.400	15.75	15.88	23.0	3.0	3.0	7.93	32.0	5.4	56700	2.59

[◇] Bush Chain ^{◇◇} Bush Diameter

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w: www.renold.com

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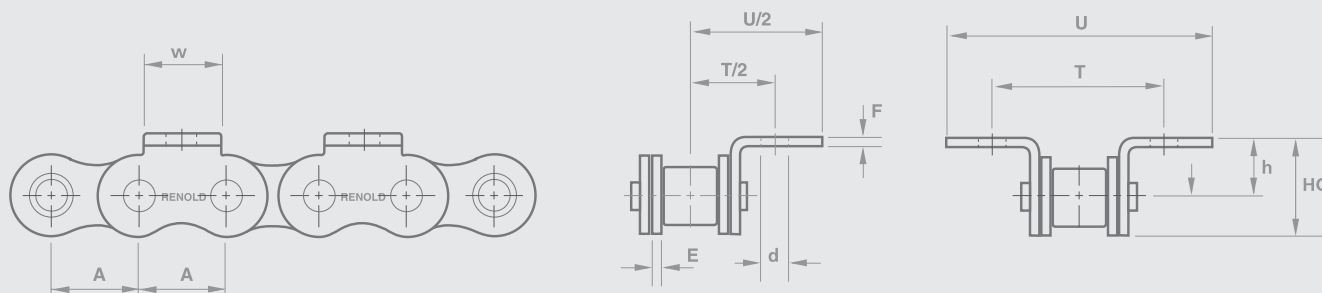
Chain Wear Guide
Page 85



Roll-Ring Page 65
Chain tensioner

K1 Attachments

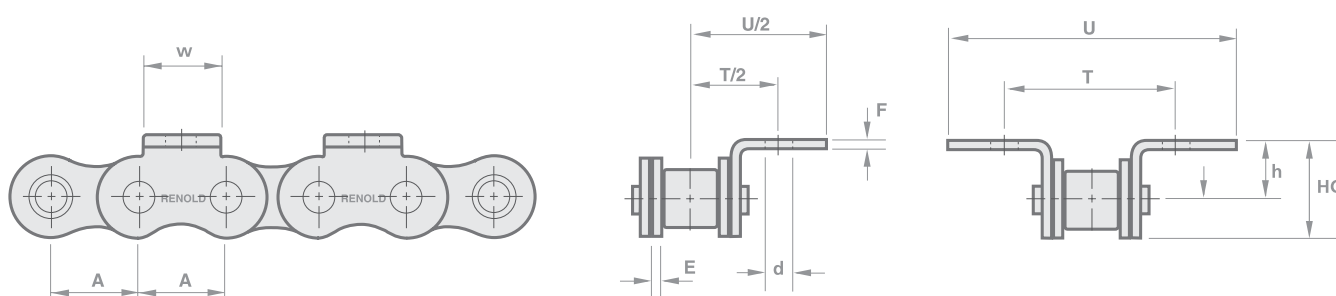
ANSI B29.100 / ISO 606



Chain Ref.		Technical Details (mm)										
Renold Chain No.	ISO Ref.	Pitch (inch)	Pitch (mm)									

ANSI Standard

		A	A	E	F	w	h	d	g	T	U	HG
40A1	40	0.500	12.700	1.5	1.5	9.50	7.900	3.5	5.5	25.4	35.8	13.4
50A1	50	0.625	15.875	2.0	2.0	12.70	10.300	5.3	7.75	31.8	49.8	18.05
60A1	60	0.750	19.050	2.4	2.4	15.90	11.9	5.3	8.6	38.1	58.0	20.5
80A1	80	1.000	25.400	3.0	3.0	24.0	15.9	6.6	10.25	50.8	82.6	26.15



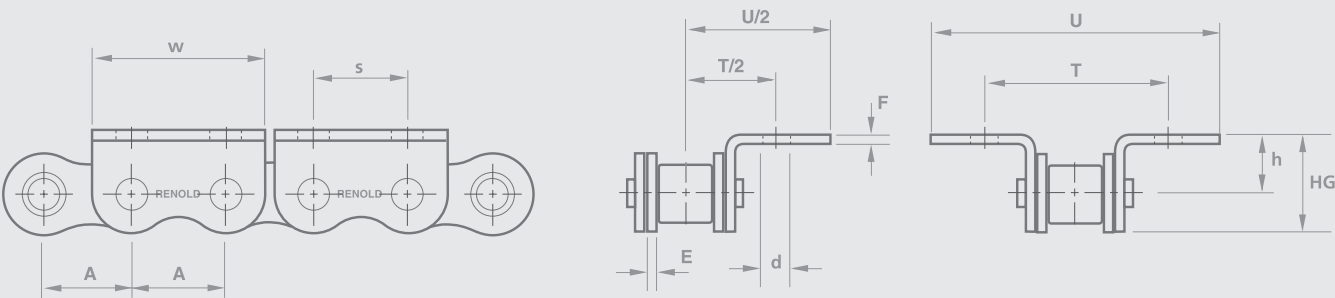
Chain Ref.		Technical Details (mm)										
Renold Chain No.	ISO Ref.	Pitch (inch)	Pitch (mm)									

ISO / ANSI Standard

		A	A	E	F	w	h	d	g	T	U	HG
40A1	40	0.500	12.700	1.5	1.5	9.5	7.9	3.6	5.5	25.4	34.5	13.4
50A1	50	0.625	15.875	2.00	2.00	12.7	10.3	5.3	7.2	31.8	46.6	18.05
60A1	60	0.750	19.050	2.40	2.40	15.9	11.9	5.3	8.6	38.7	56.6	20.5
80A1	80	1.000	25.400	3.00	3.00	19.1	15.9	6.6	10.23	50.8	82.6	26.15

K2 Attachments

ANSI B29.100 / ISO 606



Chain Ref.		Technical Details (mm)											
Renold Chain No.	ISO Ref.	Pitch (inch)	Pitch (mm)										

ISO/ANSI Standard

		A	A	E	F	w	h	d	g	s	T	U	HG
40A1	40	0.500	12.700	1.5	1.5	24.0	7.9	3.6	5.3	12.7	25.4	34.8	13.4
50A1	50	0.625	15.875	2.00	2.00	30.3	10.3	5.3	7.2	15.8	31.8	46.6	18.05
60A1	60	0.750	19.050	2.40	2.40	35.6	11.9	5.3	8.6	19.0	38.1	56.6	20.5
80A1	80	1.000	25.400	3.00	3.00	46.2	15.9	6.6	10.25	25.4	50.8	71.8	26.15

* Straight plate

K1 attachment



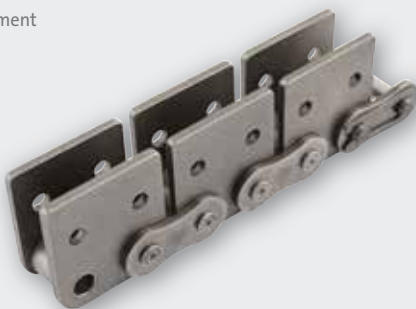
M1 attachment



K2 attachment

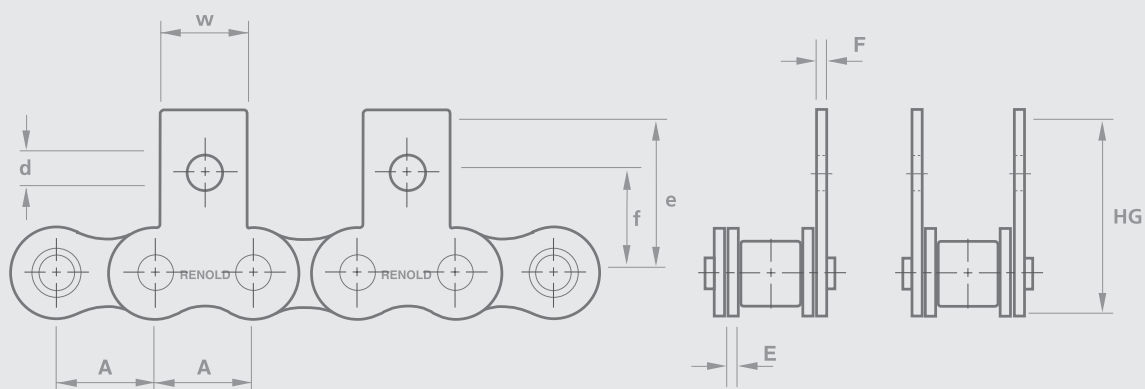


M2 attachment



M1 Attachments

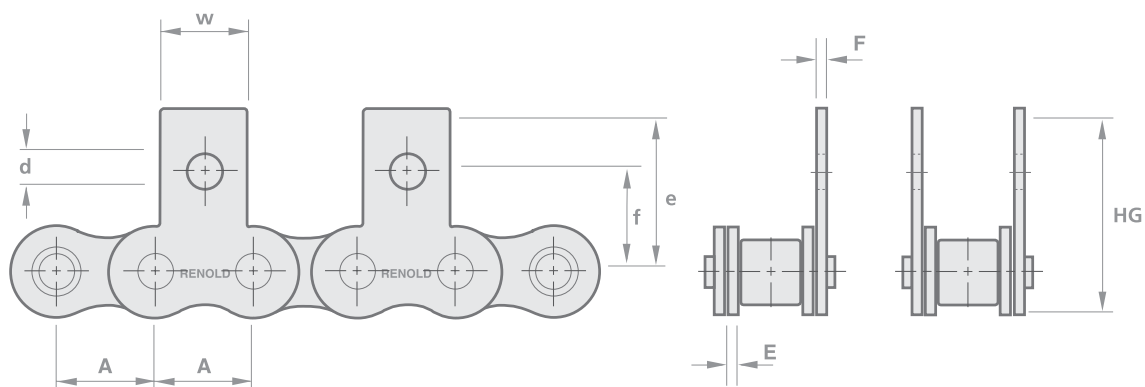
ANSI B29.100 / ISO 606



Chain Ref.		Technical Details (mm)									
Renold Chain No.	ISO Ref.	Pitch (inch)	Pitch (mm)								

ANSI Standard

		A	A	E	F	w	e	f	d	g	HG
40A1	40	0.500	12.700	1.5	1.5	9.5	17.5	12.7	3.3	5.5	24.1
50A1	50	0.625	15.875	2.0	2.0	12.7	24.6	15.9	5.3	7.15	30.1
60A1	60	0.750	19.050	2.4	2.4	15.9	27.7	18.3	5.3	8.6	35.6
80A1	80	1.000	25.400	3.0	3.0	24.0	39.7	24.6	6.6	10.25	44.6



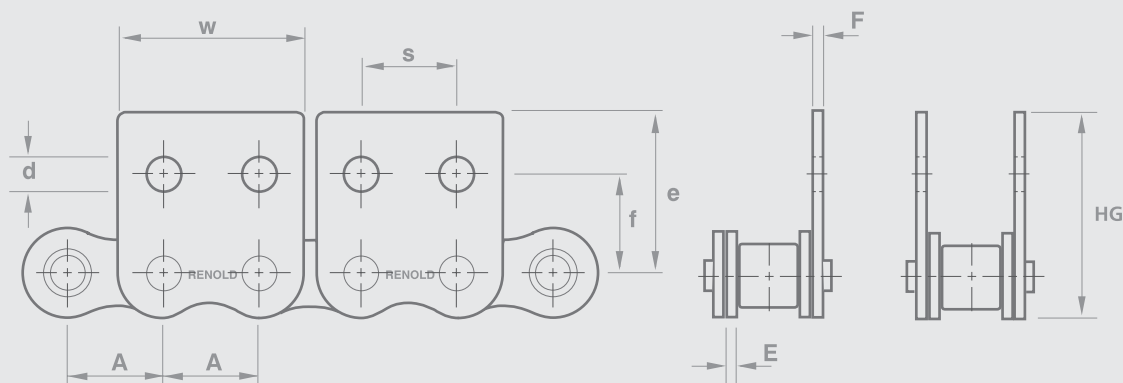
Chain Ref.		Technical Details (mm)									
Renold Chain No.	ISO Ref.	Pitch (inch)	Pitch (mm)								

ISO/ANSI Standard

		A	A	E	F	w	e	f	d	g	HG
40A1	40	0.500	12.700	1.5	1.5	9.5	18.6	12.7	3.6	5.5	24.1
50A1	50	0.625	15.875	2.00	2.00	12.7	22.9	15.9	5.3	7.2	30.1
60A1	60	0.750	19.050	2.40	2.40	15.9	27.0	18.3	5.3	8.6	35.6
80A1	80	1.000	25.400	3.00	3.00	19.1	34.3	24.6	6.6	10.25	44.6

M2 Attachments

ANSI B29.100 / ISO 606



Chain Ref.		Technical Details (mm)										
Renold Chain No.	ANSI Ref.	Pitch (inch)	Pitch (mm)									

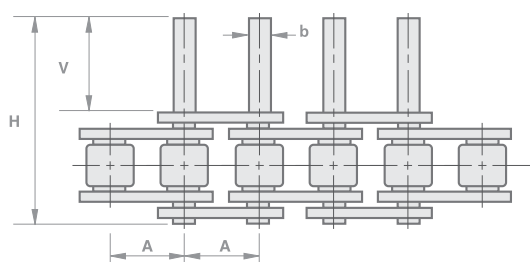
ISO/ANSI Standard

		A	A	E	F	e	f	d	g	w	s	HG
40A1	40	0.500	12.700	1.5	1.5	18.6	12.7	3.6	5.5	24.0	12.7	24.1
50A1	50	0.625	15.875	2.00	2.00	22.9	15.9	5.3	7.2	30.3	15.8	30.1
60A1	60	0.750	19.050	2.40	2.40	27.0	18.3	5.3	8.6	35.6	19.0	35.6
80A1	80	1.000	25.400	3.00	3.00	34.3	24.6	6.6	10.25	46.2	25.4	44.6

Extended Bearing Pins

ANSI B29.100 / ISO 606

Extended pin
(type D)



Unit assemblies



No 463
Outer link



No 465
Connecting link-spring clip



No 467
Connecting link-split pin



No 464
Outer link



No 466
Connecting link-spring clip



No 468
Connecting link-split pin

Chain Ref.		Technical Details (mm)				
Renold Chain No.	ANSI Ref.	Pitch (inch)	Pitch (mm)	Pin Diam.	Extension Length ±0.25	Pin Length MAX

ANSI Standard

		A	A	b	v	H
35A1 [◇]	35	0.375	9.525	3.59	9.5	20.6
40A1	40	0.500	12.700	3.94	9.5	25.0
50A1	50	0.625	15.875	5.075	11.85	31.1
60A1	60	0.750	19.050	5.92	14.3	38.3
80A1	80	1.000	25.400	7.91	18.2	50.1

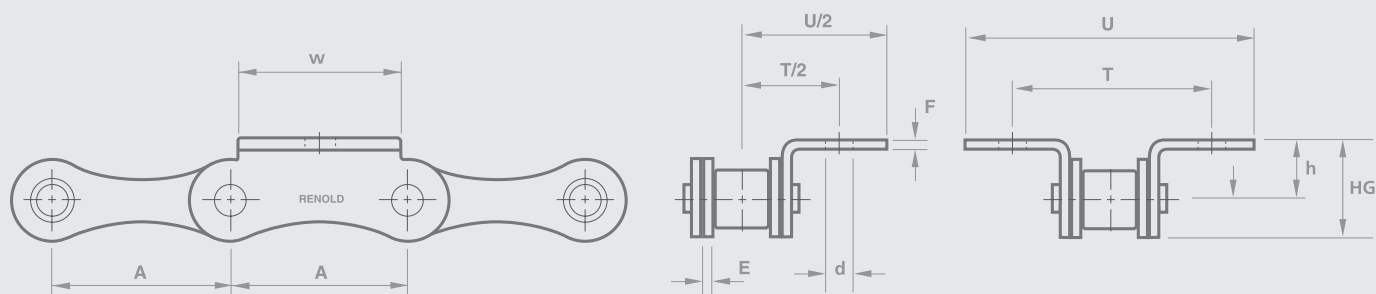
[◇] Bush Chain

Extended pin



Double Pitch K1/M1 Attachments

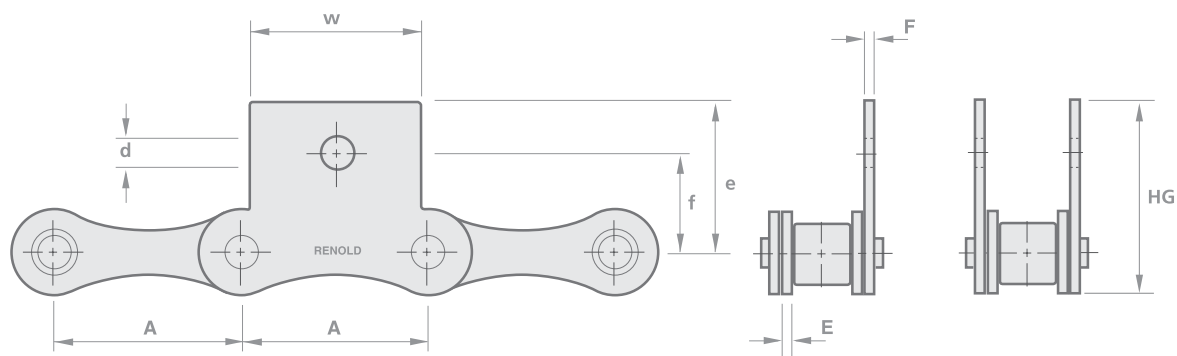
ANSI B29.100 / ISO 606



Chain Ref.		Technical Details (mm)										
Renold Chain No.	ISO Ref.	Pitch (inch)	Pitch (mm)									

ANSI Standard K1

		A	A	E	F	w	h	d	g	T	U	HG
113040	2040	1.00	25.40	1.5	1.5	19.05	9.1	3.5	5.75	25.4	38.6	14.85
113050	2050	1.25	31.75	2.00	2.00	23.8	11.1	5.3	7.4	31.8	48.3	18.5
113060	2060	1.50	38.10	2.40	2.40	28.6	14.7	5.3	8.8	43.2	58.4	23.5
113560*	C2060	1.50	38.10	2.4	2.4	28.6	14.7	5.3	8.8	43.2	58.4	23.5



Chain Ref.		Technical Details (mm)										
Renold Chain No.	ISO Ref.	Pitch (inch)	Pitch (mm)									

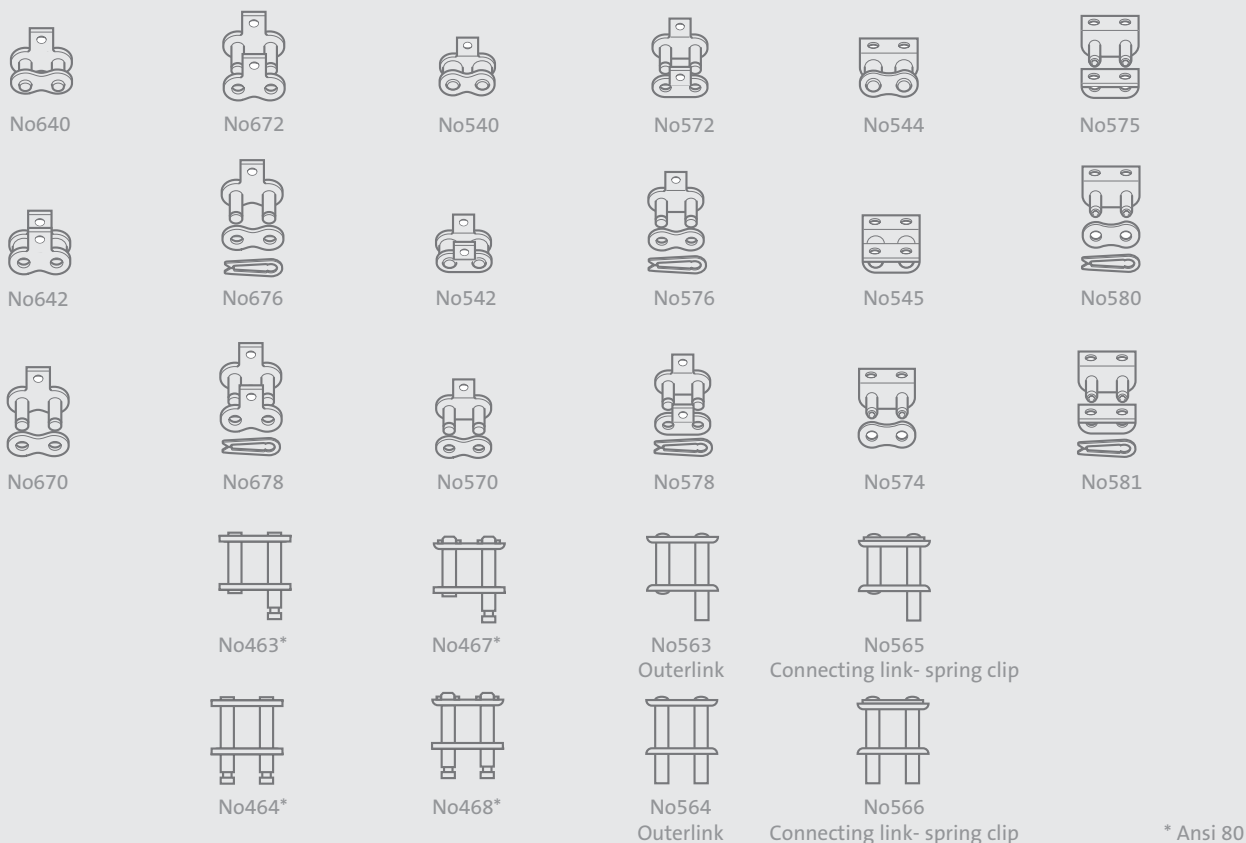
ANSI Standard M1

		A	A	E	F	w	e	f	d	g	HG
113040	2040	1.00	25.40	1.5	1.5	19.05	19.9	13.5	3.5	5.75	25.65
113050	2050	1.75	31.75	2.00	2.00	23.8	24.6	15.9	5.3	7.4	32.0
113060	2060	1.50	38.10	2.40	2.40	28.6	30.2	19.0	5.3	8.8	39.0
113560*	C2060	1.50	38.10	3.17	3.17	28.6	30.2	19.0	5.3	8.8	39.0

* Straight plate

Attachment Chain Connecting Links

ANSI standard



Special or Adapted Roller Chain

In addition to our ranges of standard series chain we can also offer:

- Standard Series Chain adapted to your unique needs with special attachments
- Special Chain designed with integral attachments to meet individual requirements

Renold adapted chain can be in the form of special plates, pin rollers, or blocks which can be designed, manufactured and assembled into chain of all pitch sizes.

Attachments can be made from normal materials, stainless steel or plastics.

We will be pleased to receive details of your requirements and evaluate them for strength, durability, price and despatch. They can be manufactured from your own designs or adapted from existing drawings.

The illustrations show only a small selection of the wide range of variants and these chains have been used successfully in many branches of industry for the feeding, conveying and discharge of a variety of products.

