

ANSI STANDARD - SINGLE Chain

Connecting Links

ANSI No	Renold Chain No	Pitch	Pitch	Inside	Roller	Plate	Plate	Plate	Pin	Pin	Con	Trans	F _B	Weight	Connecting Links						
		Inch	mm	Width	Dia	Height	Width Inner	Width Outer	Dia	Len	Link Extra	Pitch	lbf	lb/ft	No 4	No 107	No 11	No 26	No 58	No 12	No 30
		A	A	B	C	D	E	F	G	H1	J	K									
25	129023*	0.250	6.350	0.125	0.130*	0.232	0.030	0.030	0.091	0.339	0.031	-	920	0.09	✓	✓	-	✓	-	-	✓
35	129033*	0.375	9.525	0.188	0.200*	0.341	0.050	0.050	0.141	0.610	0.130	-	2300	0.22	✓	✓	-	✓	-	✓	✓
40	119043	0.500	12.700	0.312	0.312	0.439	0.060	0.060	0.156	0.701	0.154	-	3890	0.42	✓	✓	✓	✓	-	✓	✓
41	119040	0.500	12.700	0.250	0.306	0.383	0.050	0.050	0.141	0.571	0.079	-	2440	0.28	✓	✓	-	✓	-	✓	✓
50	119053	0.625	15.875	0.375	0.400	0.573	0.080	0.080	0.200	0.858	0.161	-	6440	0.71	✓	✓	✓	✓	-	✓	✓
60	119063	0.750	19.050	0.500	0.469	0.689	0.094	0.094	0.234	1.059	0.181	-	8740	1.04	✓	✓	✓	✓	-	✓	✓
80	119083	1.000	25.400	0.625	0.625	0.947	0.125	0.125	0.312	1.319	0.213	-	14900	1.88	✓	✓	✓	✓	✓	✓	-
100	119103	1.250	31.750	0.750	0.750	1.180	0.156	0.156	0.376	1.618	0.240	-	24000	2.82	✓	✓	✓	-	✓	✓	-
120	119123	1.500	38.100	1.000	0.875	1.413	0.187	0.187	0.437	2.000	0.260	-	32660	3.83	✓	✓	✓	-	✓	✓	-
140	119143	1.750	44.450	1.000	1.000	1.646	0.219	0.219	0.500	2.161	0.291	-	44000	5.24	✓	✓	✓	-	✓	✓	-
160	119163	2.000	50.800	1.250	1.125	1.879	0.250	0.250	0.563	2.579	0.311	-	56300	6.99	✓	✓	✓	-	✓	✓	-
180	119183	2.250	57.150	1.406	1.406	2.107	0.281	0.281	0.687	2.909	0.358	-	75100	9.37	✓	✓	✓	-	✓	-	-
200	119203	2.500	63.500	1.500	1.562	2.345	0.312	0.312	0.781	3.161	0.402	-	97200	11.63	✓	✓	✓	-	✓	✓	-
240	119243	3.000	76.200	1.875	1.875	2.806	0.375	0.375	0.937	3.760	0.413	-	133000	15.19	✓	✓	✓	-	✓	-	-

* BUSH CHAIN

F_B = AXIAL BREAKING FORCE

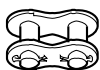
DETACHABLE COTTERED CHAIN AVAILABLE ON REQUEST



No.4



No.107



No.11/58



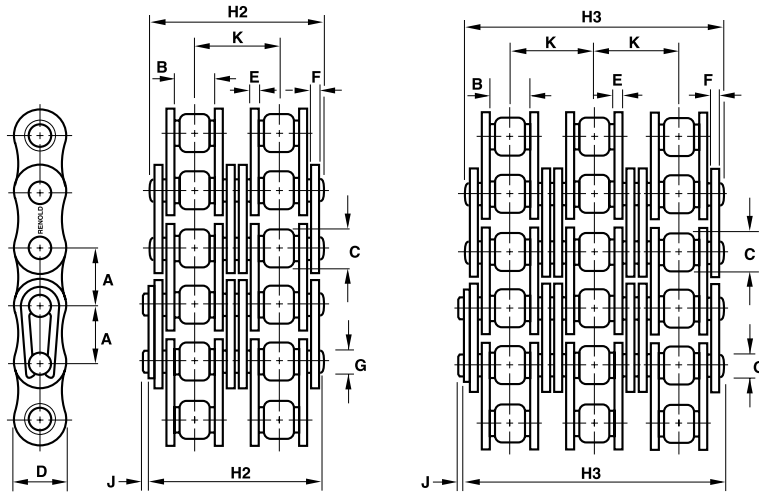
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No.30



ANSI STANDARD - DOUBLE

Chain

Connecting Links

ANSI No	Renold Chain No	Pitch	Pitch	Inside	Roller	Plate	Plate	Plate	Pin	Pin	Con	Trans	F _B	Weight lb/ft	No	No	No	No	No	No	No				
		Inch	mm	Width	Dia	Height	Width	Width	Dia	Len	Link	Pitch	lbf		4	107	11	26	58	12	30				
		A	A	B	C	D	E	F	G	H2	J	K													
35-2	125033*	0.375	9.525	0.188	0.200*	0.341	0.050	0.050	0.141	1.010	0.130	0.399	4600	0.44	✓	✓	-	✓	-	✓	✓				
40-2	115043	0.500	12.700	0.312	0.312	0.439	0.060	0.060	0.156	1.270	0.154	0.566	7780	0.81	✓	✓	✓	✓	-	✓	✓				
50-2	115053	0.625	15.875	0.375	0.400	0.573	0.080	0.080	0.200	1.570	0.161	0.713	12880	1.41	✓	✓	✓	✓	-	✓	✓				
60-2	115063	0.750	19.050	0.500	0.469	0.689	0.094	0.094	0.234	1.960	0.181	0.897	17480	2.05	✓	✓	✓	✓	-	✓	✓				
80-2	115083	1.000	25.400	0.625	0.625	0.947	0.125	0.125	0.312	2.470	0.213	1.153	29800	3.70	✓	✓	✓	-	✓	✓	-				
100-2	115103	1.250	31.750	0.750	0.750	1.180	0.156	0.156	0.375	3.030	0.240	1.408	48000	5.64	✓	✓	✓	-	✓	✓	-				
120-2	115123	1.500	38.100	1.000	0.875	1.413	0.187	0.187	0.437	3.790	0.260	1.789	65320	7.39	✓	✓	✓	-	✓	✓	-				
140-2	115143	1.750	44.450	1.000	1.000	1.646	0.219	0.219	0.500	4.080	0.291	1.924	88000	10.42	✓	✓	✓	-	✓	✓	-				
160-2	115163	2.000	50.800	1.250	1.125	1.879	0.250	0.250	0.562	4.890	0.311	2.305	112600	13.84	✓	✓	✓	-	✓	✓	-				
180-2	115183	2.250	57.150	1.406	1.406	2.107	0.281	0.281	0.687	5.540	0.358	2.592	150200	18.63	✓	✓	✓	-	✓	-	-				
200-2	115203	2.500	63.500	1.500	1.562	2.345	0.312	0.312	0.781	5.980	0.402	2.817	124400	23.12	✓	✓	✓	-	✓	✓	-				

ANSI STANDARD - TRIPLE

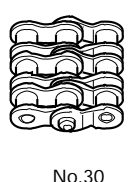
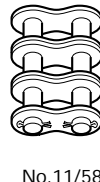
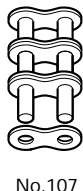
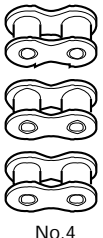
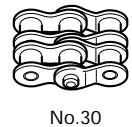
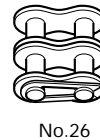
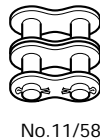
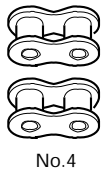
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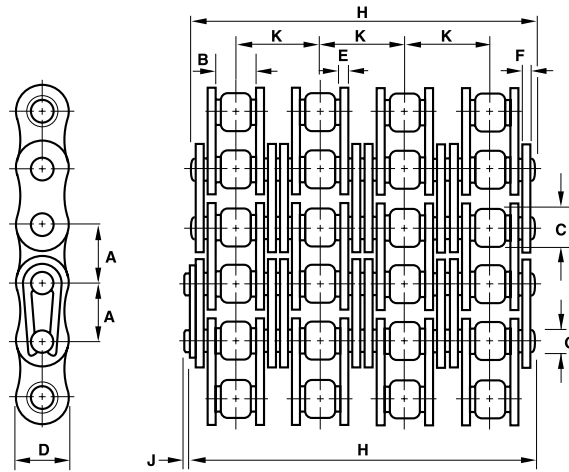
35-3	127033*	0.375	9.525	0.188	0.200*	0.341	0.050	0.050	0.141	1.340	0.130	0.399	6900	0.66	✓	✓	-	✓	-	✓	✓
40-3	117043	0.500	12.700	0.312	0.312	0.439	0.060	0.060	0.157	1.818	0.154	0.566	11670	1.24	✓	✓	✓	✓	-	✓	✓
50-3	117053	0.625	15.875	0.375	0.400	0.573	0.080	0.080	0.200	2.280	0.161	0.713	19320	2.12	✓	✓	✓	✓	-	✓	✓
60-3	117063	0.750	19.050	0.500	0.469	0.689	0.094	0.094	0.244	2.858	0.181	0.897	26220	3.06	✓	✓	✓	✓	-	✓	✓
80-3	117083	1.000	25.400	0.625	0.625	0.947	0.125	0.125	0.312	3.618	0.213	1.153	44700	5.58	✓	✓	✓	-	-	✓	-
100-3	117103	1.250	31.750	0.750	0.750	1.180	0.156	0.156	0.375	4.449	0.240	1.408	72000	8.47	✓	✓	✓	-	-	✓	-
120-3	117123	1.500	38.100	1.000	0.875	1.413	0.187	0.187	0.437	5.579	0.260	1.789	97980	11.22	✓	✓	✓	-	-	✓	-
140-3	117143	1.750	44.450	1.000	1.000	1.646	0.219	0.219	0.500	6.111	0.291	1.924	132000	15.52	✓	✓	✓	-	-	✓	-
160-3	117163	2.000	50.800	1.250	1.125	1.879	0.250	0.250	0.562	7.201	0.311	2.305	168900	20.83	✓	✓	✓	-	-	✓	-
180-3	117183	2.250	57.150	1.406	1.406	2.107	0.281	0.281	0.687	8.110	0.358	2.592	225300	27.89	✓	✓	✓	-	-	-	-
200-3	117203	2.500	63.500	1.500	1.562	2.345	0.312	0.312	0.781	8.661	0.402	2.817	291600	34.41	✓	✓	✓	-	-	✓	-

* BUSH CHAIN

F_B = AXIAL BREAKING FORCE

DETACHABLE COTTERED CHAIN AVAILABLE ON REQUEST





ANSI STANDARD - MULTIPLEX Chain

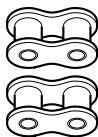
Connecting Links

ISO No	ANSI No	Rivet Chain No	Pitch Inch	Pitch mm	Inside Width	Roller Dia	Plate Height	Plate Width Inner	Plate Width Outer	Pin Dia	Pin Len	Con Link Extra	Trans Pitch	F _B lbf Min	Weight lb/ft	No 4	No 107	No 26	No 11/58
			A	A	B	C	D	E	F	G	H	J	K						
08A-4	40-4	118043	0.50	12.7	0.309	0.312	0.439	0.061	0.061	0.157	2.350	0.154	0.566	2661	1.69	✓	✓	✓	✓
10A-4	50-4	118053	0.625	15.875	0.370	0.400	0.573	0.080	0.080	0.200	2.961	0.161	0.713	4378	2.82	✓	✓	-	✓
10A-5	50-5	185183	0.625	15.875	0.370	0.400	0.573	0.080	0.080	0.200	3.673	0.161	0.713	5472	3.53	✓	✓	-	✓
10A-6	50-6	187203	0.625	15.875	0.370	0.400	0.573	0.080	0.080	0.200	4.382	0.161	0.713	6567	4.23	✓	✓	-	✓
12A-4	60-4	118063	0.75	19.05	0.495	0.469	0.687	0.094	0.094	0.235	3.713	0.181	0.897	5955	4.17	✓	✓	-	✓
12A-5	60-5	185733	0.75	19.05	0.495	0.469	0.687	0.094	0.094	0.235	4.602	0.181	0.897	7480	5.21	✓	✓	-	✓
12A-6	60-6	187453	0.75	19.05	0.495	0.469	0.687	0.094	0.094	0.235	5.500	0.181	0.897	8929	6.25	✓	✓	-	✓
16A-4	80-4	118083	1.0	25.4	0.606	0.620	0.947	0.128	0.128	0.312	4.752	0.213	1.153	10157	7.53	✓	✓	-	✓
16A-5	80-5	187813	1.0	25.4	0.606	0.620	0.947	0.128	0.128	0.312	5.902	0.213	1.153	12697	9.41	✓	✓	-	✓
16A-6	80-6	187823	1.0	25.4	0.606	0.620	0.947	0.128	0.128	0.312	7.063	0.213	1.153	15236	11.29	✓	✓	-	✓
16A-8	80-8	187953	1.0	25.4	0.606	0.620	0.947	0.128	0.128	0.312	9.362	0.213	1.153	20315	15.05	✓	✓	-	✓
20A-4	100-4	118103	1.25	31.75	0.750	0.750	1.180	0.160	0.160	0.376	5.791	0.240	1.408	16463	11.29	✓	✓	-	✓
20A-5	100-5	184823	1.25	31.75	0.750	0.750	1.180	0.160	0.160	0.376	7.201	0.240	1.408	20575	14.11	✓	✓	-	✓
20A-6	100-6	184833	1.25	31.75	0.750	0.750	1.180	0.160	0.160	0.376	8.610	0.240	1.408	24693	16.93	✓	✓	-	✓
24A-4	120-4	118123	1.50	38.1	1.011	0.875	1.413	0.189	0.189	0.437	7.311	0.260	1.789	22441	15.40	✓	✓	-	✓
24A-5	120-5	185983	1.50	38.1	1.011	0.875	1.413	0.189	0.189	0.437	9.102	0.260	1.789	28020	18.79	✓	✓	-	✓
24A-6	120-6	185973	1.50	38.1	1.011	0.875	1.413	0.189	0.189	0.437	10.890	0.260	1.789	33622	22.51	✓	✓	-	✓
24A-8	120-8	185993	1.50	38.1	1.011	0.875	1.413	0.189	0.189	0.437	14.472	0.260	1.789	4480	30.00	✓	✓	-	✓
28A-4	140-4	118143	1.75	44.45	1.013	1.000	1.646	0.221	0.221	0.498	7.862	0.291	1.924	30118	20.30	✓	✓	-	✓
28A-5	140-5	188833	1.75	44.45	1.013	1.000	1.646	0.221	0.221	0.498	9.780	0.291	1.924	37653	25.35	✓	✓	-	✓
28A-6	140-6	184933	1.75	44.45	1.013	1.000	1.646	0.221	0.221	0.498	11.713	0.291	1.924	4515	30.40	✓	✓	-	✓
32A-4	160-4	118163	2.00	50.8	1.265	1.125	1.879	0.250	0.250	0.563	9.402	0.311	2.305	38527	26.14	✓	✓	-	✓
40A-4	200-4	118203	2.50	63.5	1.502	1.562	2.345	0.320	0.320	0.780	11.480	0.402	2.817	66535	45.86	✓	✓	-	✓

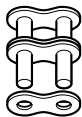
F_B = AXIAL BREAKING FORCE

Connecting links

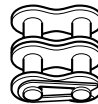
Note: No.12 Crank links - please consult Renold.



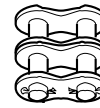
No.4



No.107

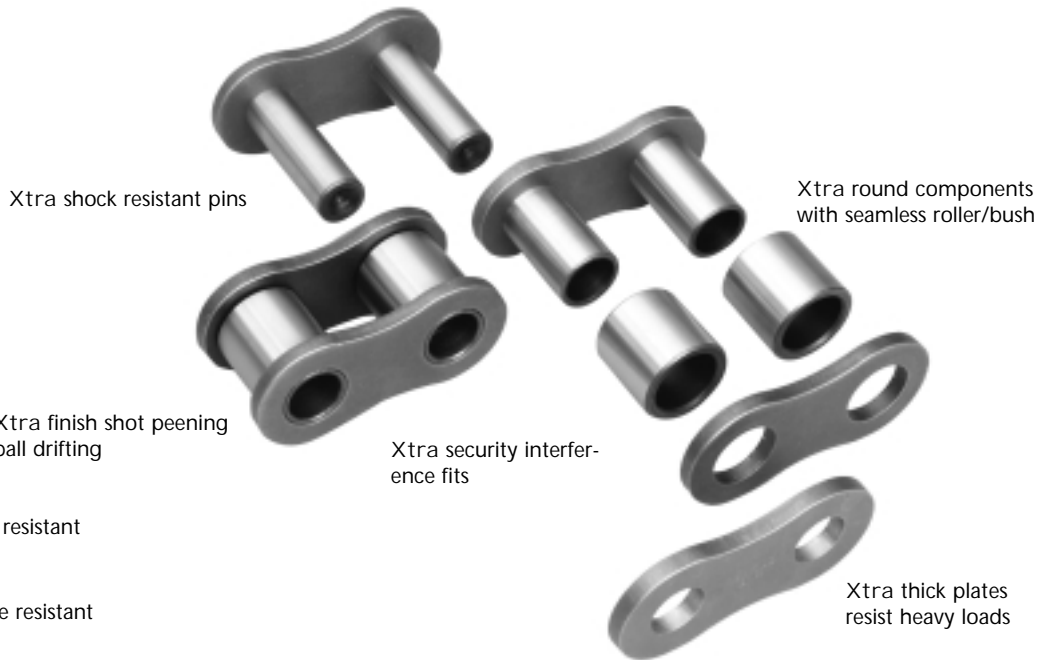


No.26



No.11/58

RENOLD ANSI XTRA CHAIN



Shock resistant



Fatigue resistant



High loads

... THE HEAVY DUTY CHAIN

PRODUCT DESCRIPTION

RENOLD ANSI XTRA chain incorporates the usual Renold performance enhancing features including seamless bushes, ball drifted plate holes, shot peening and optimum interference fits. The extra features incorporated into this range of chain is classified by:

- Thicker side plates denoted by 'H'. These plates are approximately 20% thicker than standard ANSI chain.
- Through hardened pins, denoted by 'V'.

The gearing dimensions of ANSI XTRA chain are identical to our standard ANSI simple range and will therefore run on standard sprockets. The larger transverse pitch of duplex and triplex chains with heavy duty side plates (H or HV range) require special sprockets.

The range can therefore be summarized as follows:

H Range - Identical to standard ANSI chain with the exception of the overall width. Thicker plates give this chain excellent resistance to heavy loads and help absorb shock. Duplex and

triplex chain must have sprockets with an increased transverse pitch of the teeth.

V Range - Identical dimensions to standard ANSI chain but with a higher breaking load and excellent resistance to shock loads.

HV Range - A combination of the 'H' and 'V' chain, giving excellent resistance to both heavy and shock loads.

A further enhancement to the chain life can be achieved by hardening the sprocket teeth of the drive. 'H' and 'HV' chains are designed for improved fatigue life, therefore offset and slip fit joints which have a lower fatigue resistance are not recommended.

Shown below is an easy to use features guide to help in selecting chain to suit its application.

Chain Type	Strength	Wear	Heavy Loads	Shock Loads	High Speeds
Standard ANSI	Good	Excellent	Good	Good	Excellent
XTRA H Range	Good	Excellent	Excellent	Good	Not Suitable
XTRA V Range	Excellent	Good	Good	Excellent	Good
XTRA HV Range	Excellent	Good	Excellent	Excellent	Not Suitable

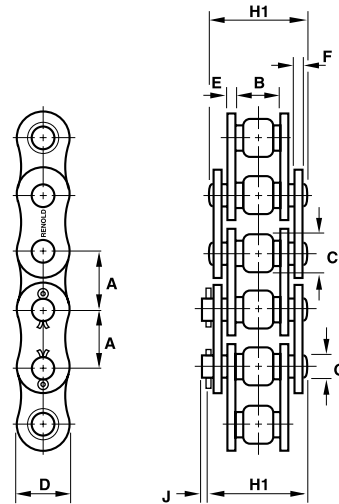
RENOLD ANSI XTRA CHAIN

Part Number: See table below.

Application: ANSI XTRA roller chain is specifically designed and manufactured for arduous applications where frequent, impulsive or heavy loads are involved, or where operating conditions are severe as in the mining, quarrying, rock drilling, forestry and construction industries.

This chain is interchangeable with our standard ANSI range and can be used to upgrade the performance of existing applications subject to normal design and installation checks.

Multiplex versions are also available on request.



Chain

Connecting Links

ANSI No	Renold Chain No	Pitch	Pitch	Inside	Roller	Plate	Plate	Plate	Pin	Pin	Con	F _B	Weight	No	No	No
		Inch	mm	Width	Dia	Height	Width Inner	Width Outer	Dia	Len	Link Extra	lbf Min	lb/ft	4	107	58
		A	A	B	C	D	E	F	G	H1	J					
60H	187661	0.75	19.05	0.500	0.469	0.689	0.125	0.125	0.234	1.126	0.181	8740	1.21	✓	✓	✓
60HV	187666	0.75	19.05	0.500	0.469	0.689	0.125	0.125	0.234	1.126	0.181	12650	1.21	✓	✓	✓
80H	189531	1.00	25.40	0.625	0.625	0.947	0.156	0.156	0.312	1.457	0.213	14900	2.22	✓	✓	✓
80V	189546	1.00	25.40	0.625	0.625	0.947	0.128	0.128	0.312	1.398	0.213	17250	1.88	✓	✓	✓
80HV	189541	1.00	25.40	0.625	0.625	0.947	0.156	0.156	0.312	1.457	0.213	20000	2.22	✓	✓	✓
100H	188556	1.25	31.75	0.750	0.750	1.180	0.187	0.187	0.375	1.736	0.240	24000	3.23	✓	✓	✓
100V	188576	1.25	31.75	0.750	0.750	1.180	0.156	0.156	0.375	1.618	0.240	28100	2.82	✓	✓	✓
100HV	188566	1.25	31.75	0.750	0.750	1.180	0.187	0.187	0.375	1.736	0.240	30700	3.23	✓	✓	✓
120H	188661	1.50	38.10	1.000	0.875	1.413	0.219	0.219	0.437	2.130	0.260	32660	4.23	✓	✓	✓
120V	188676	1.50	38.10	1.000	0.875	1.413	0.187	0.187	0.437	2.000	0.260	38900	3.83	✓	✓	✓
120HV	188671	1.50	38.10	1.000	0.875	1.413	0.219	0.219	0.437	2.130	0.260	42000	4.23	✓	✓	✓
140H	188716	1.75	44.45	1.000	1.000	1.646	0.250	0.250	0.500	2.280	0.291	44000	5.78	✓	✓	✓
140V	188736	1.75	44.45	1.000	1.000	1.646	0.219	0.219	0.500	2.161	0.291	54000	5.24	✓	✓	✓
140HV	188726	1.75	44.45	1.000	1.000	1.646	0.250	0.250	0.500	2.280	0.291	59500	5.78	✓	✓	✓
160H	188731	2.00	50.80	1.250	1.125	1.879	0.281	0.281	0.562	2.697	0.311	56300	7.53	✓	✓	✓
160V	188746	2.00	50.80	1.250	1.125	1.879	0.250	0.250	0.562	2.579	0.311	66500	6.99	✓	✓	✓
160HV	188741	2.00	50.80	1.250	1.125	1.879	0.281	0.281	0.562	2.697	0.311	71700	7.53	✓	✓	✓
180H	188761	2.25	57.15	1.406	1.406	2.107	0.312	0.312	0.687	3.068	0.358	75100	10.22	✓	✓	✓
180V	188756	2.25	57.15	1.406	1.406	2.107	0.281	0.281	0.687	2.909	0.358	88000	9.37	✓	✓	✓
180HV	188771	2.25	57.15	1.406	1.406	2.107	0.312	0.312	0.687	3.068	0.358	97200	10.22	✓	✓	✓
200H	188781	2.50	63.50	1.500	1.562	2.345	0.375	0.375	0.781	3.402	0.402	97200	13.10	✓	✓	✓
200V	188776	2.50	63.50	1.500	1.562	2.345	0.312	0.312	0.781	3.161	0.402	102400	11.63	✓	✓	✓
200HV	188791	2.50	63.50	1.500	1.562	2.345	0.375	0.375	0.781	3.402	0.402	138200	13.10	✓	✓	✓

F_B = AXIAL BREAKING FORCE



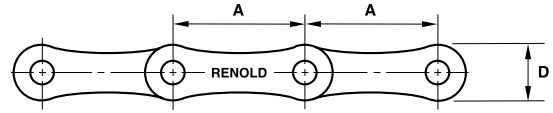
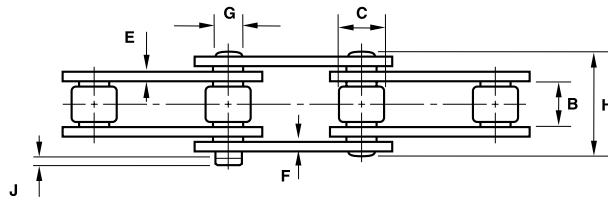
No.4



No.107



No.58



ANSI STANDARD Chain

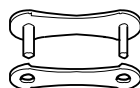
Connecting Links

ANSI No	Renold Chain No	Pitch	Pitch	Inside	Roller	Plate	Plate	Plate	Pin	Pin	Con	F_B	Weight	Connecting Links			
		Inch	mm	Width	Dia	Height	Width	Width	Dia	Len	Link	lbf	lbs	No 4	No 107	No 11/58	No 12
		A	A	B	C	D	E	F	G	H	Extra	Min	J				
2040	113040	1.00	25.40	1.00	0.309	0.313	0.472	0.059	0.156	0.701	0.154	3170	0.27	✓	✓	✓	✓
2050	113050	1.25	31.75	1.25	0.370	0.400	0.591	0.079	0.200	0.858	0.161	4991	0.47	✓	✓	✓	✓
2060	113060	1.50	38.10	1.50	0.495	0.469	0.709	0.094	0.234	1.059	0.181	8542	0.71	✓	✓	✓	✓

F_B = AXIAL BREAKING FORCE



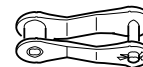
No. 4



No. 107



No. 11/58



No. 12

RENOLD SYNO LUBE FREE CHAIN



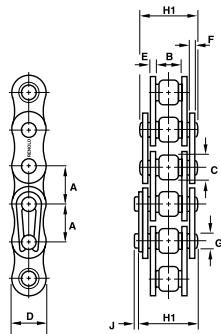
Renold Syno Chain combines the technology of a radical new built-in lube system, with the proven precision components of Renold Chain.

It is ideal for chain applications requiring a clean environment, or where maintenance is difficult.

- A new technology self-lubricating system.
- Direct replacement for standard oiled chains on existing sprockets.
- High performance ratings.
- Available for drive chains and conveyor attachment chains.
- Solid, durable gearing rollers reduce noise and sprocket wear.
- BS/ANSI chains available.

- Significantly lower maintenance costs.
- Up to double wear life of other lube free chains.
- Extended chain life compared to standard chains (up to 15 times longer than standard chains when run unlubricated).
- Application and disposal of expensive lubricants not required.
- Provides a clean environment around the chain drive/conveyor.
- Reduces hazards caused by waste lubricants.
- Operating temperature range -10° to +70° C.

Renold Syno is also suitable for: bookbinding, canning plants, electronics assembly, food packaging, food preparation plants, paper and tissue manufacture, pet food processing, pharmaceutical industry, printing/carton equipment, textiles and clothing manufacture.



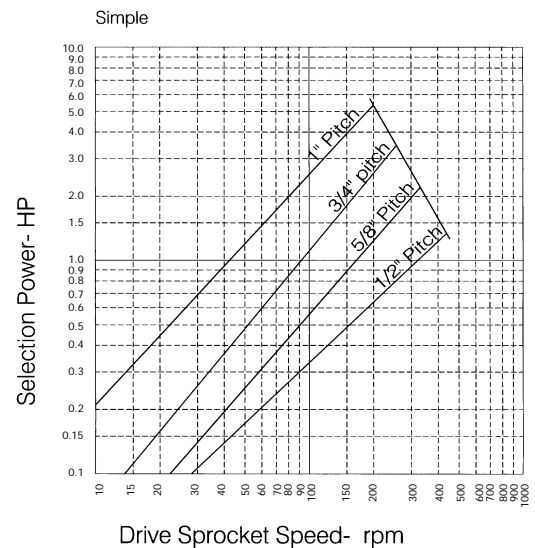
RENOLD SYNO ANSI Standard Lube free chain - Simple Chain

ANSI No	Renold Chain No	Pitch Inch	Pitch mm	Inside Width	Roller Dia	Plate Height	Plate Width Inner	Plate Width Outer	Pin Dia	Pin Len	Con Link Extra	F _B lbf Min.	Weight lb/ft	Connecting Links			
														No 4	No 107	No 26	No 11
40	119443	0.500	12.70	0.312	0.312	0.461	0.071	0.059	0.156	0.665	0.067	4000	0.47	✓	✓	✓	-
50	119453	0.625	15.87	0.375	0.375	0.575	0.079	0.079	0.175	0.803	0.098	5200	0.74	✓	✓	-	✓
60	119463	0.750	19.05	0.500	0.500	0.657	0.094	0.094	0.200	0.996	0.098	6900	1.01	✓	✓	-	✓
80	119483	1.000	25.40	0.625	0.625	0.795	0.146	0.118	0.276	1.378	0.161	14700	1.68	✓	✓	-	✓

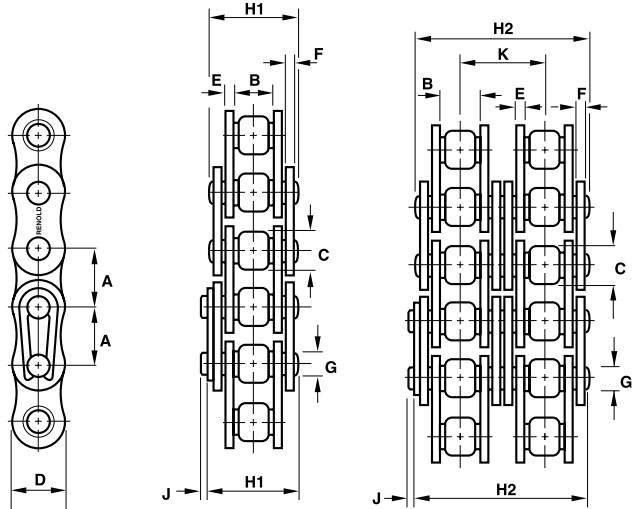
F_B = Axial Breaking Force

N.B Renold Syno does not conform exactly to ANSI standards. A larger bush and thus a smaller pin diameter are needed to meet the high performance requirements.

However, all gearing dimensions of Renold Syno do comply with ANSI standards. Consult Renold for specific requirements.



RENOLD CORIS STAINLESS STEEL CHAIN



Renold Coris Roller Chain is manufactured using Class 300 Series stainless steel specification. These chains are ideal for acidic or alkaline environments, or where the chain will be exposed to water, and for very high or very low temperature locations, where resistance to corrosion is a requirement.

Renold Coris Chain should be selected when resistance to chemical action is critical. Renold Coris is manufactured using FDA approved material and is pre-lubricated with USDA H1 approved lubricant.

RENOLD CORIS ANSI standard stainless steel chain - Simple Chain

Connecting Links

ANSI No	Renold Chain No	Pitch Inch	Pitch mm	Inside Width	Roller Dia	Plate Height	Plate Width Inner	Plate Width Outer	Pin Dia	Pin Len	Con Link Extra	Trans Pitch	F _B lbf Min	Weight lb/ft	Connecting Links					
															No 4	No 107	No 11	No 26	No 58	No 12
35	545351	0.375	9.525	0.188	0.200	0.341	0.050	0.050	0.141	0.610	0.130	-	1700	0.22	✓	✓	-	✓	-	✓
40	545401	0.500	12.700	0.312	0.312	0.439	0.060	0.060	0.156	0.701	0.154	-	2400	0.42	✓	✓	✓	✓	-	✓
50	545501	0.625	15.875	0.375	0.400	0.573	0.080	0.080	0.200	0.858	0.161	-	3800	0.71	✓	✓	✓	✓	-	✓
60	545601	0.750	19.050	0.500	0.469	0.687	0.094	0.094	0.234	1.059	0.181	-	5400	1.04	✓	✓	✓	✓	-	✓
80	545801	1.000	25.400	0.625	0.625	0.947	0.125	0.125	0.312	1.319	0.213	-	11500	1.88	✓	✓	✓	-	-	✓

RENOLD CORIS ANSI standard stainless steel chain - Duplex

40-2	545402	0.500	12.700	0.312	0.312	0.439	0.060	0.060	0.156	1.267	0.154	-	4800	0.81	✓	✓	✓	✓	-
50-2	545502	0.625	15.875	0.375	0.400	0.573	0.080	0.080	0.200	1.570	0.161	-	7600	1.41	✓	✓	✓	✓	-
60-2	545602	0.750	19.050	0.500	0.469	0.687	0.094	0.094	0.234	1.961	0.181	-	10800	2.05	✓	✓	✓	✓	-
80-2	545802	1.000	25.400	0.625	0.625	0.947	0.125	0.125	0.312	2.469	0.213	-	23000	3.70	✓	✓	✓	-	-

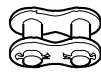
F_B = Axial Breaking Force



No. 4



No. 107



No. 11

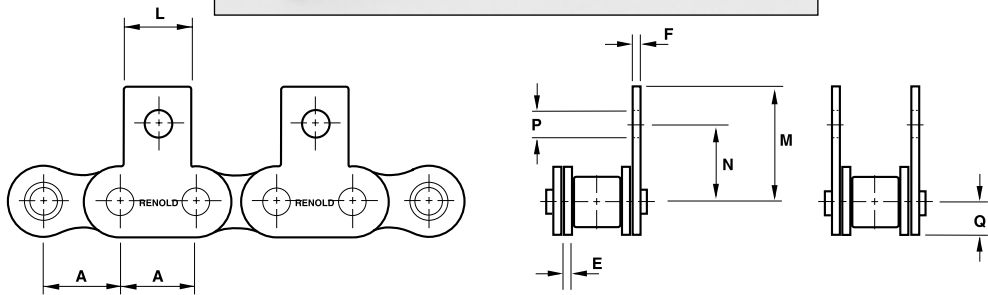
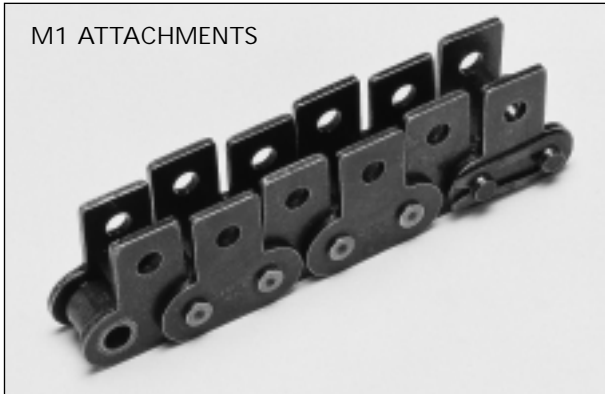


No. 26



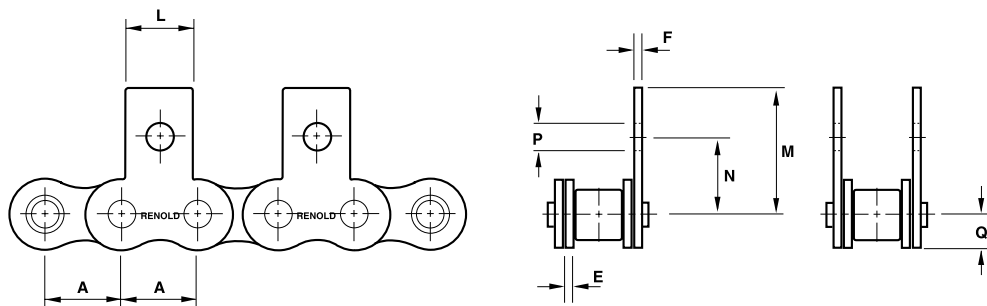
No. 12 (Simple Only)

RENOLD ANSI STANDARD M1 ATTACHMENTS



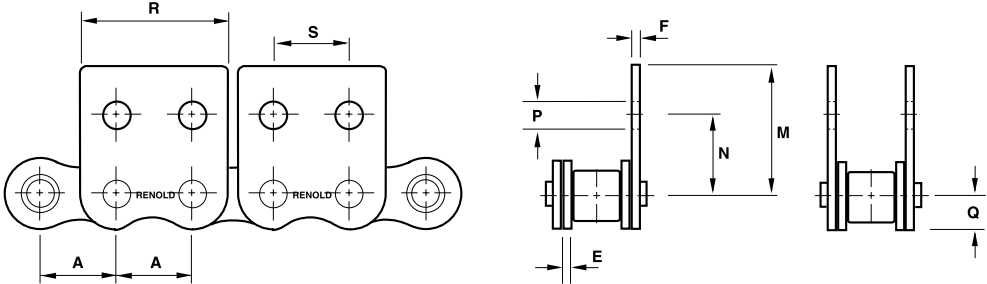
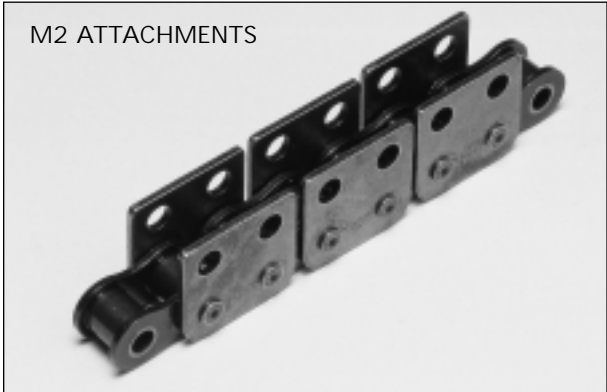
ANSI No	Renold Chain No	Pitch	Pitch	E	F	L	M	N	P	Q
		Inch	mm							
40	119043	0.500	12.700	0.060	0.060	0.375	0.685	0.489	0.125	0.237
50	119053	0.625	15.875	0.080	0.080	0.500	0.895	0.618	0.205	0.297
60	119063	0.750	19.050	0.094	0.094	0.625	1.038	0.716	0.205	0.356
80	119083	1.000	25.400	0.125	0.125	0.750	1.350	0.968	0.265	0.450

ISO/ANSI STANDARD M1 ATTACHMENTS



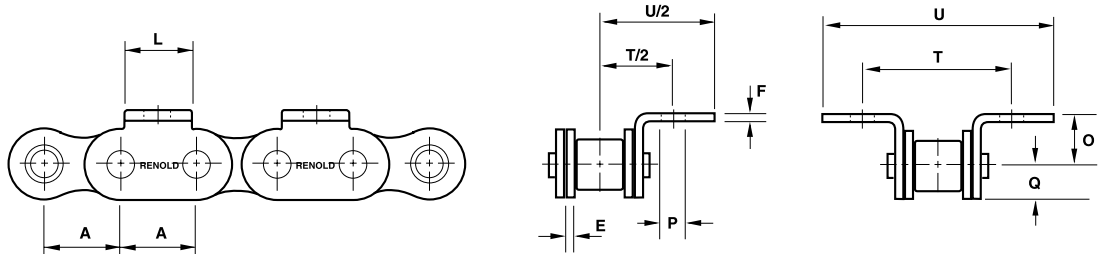
ANSI No	Renold Chain No	Pitch	Pitch	E	F	L	M	N	P	Q
		Inch	mm							
40	119043	0.500	12.700	0.059	0.059	0.375	0.689	0.500	0.130	0.217
50	119053	0.625	15.875	0.079	0.079	0.500	0.969	0.625	0.209	0.283
60	119063	0.750	19.050	0.094	0.094	0.625	1.079	0.720	0.209	0.339
80	119083	1.000	25.400	0.118	0.118	0.945	1.563	0.969	0.260	0.476

RENOLD ANSI STANDARD M2 ATTACHMENTS



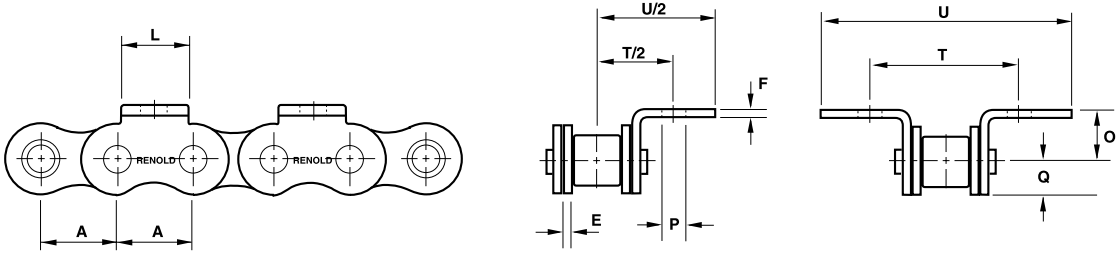
ANSI No	Renold Chain No	Pitch	Pitch	E	F	M	N	P	Q	R	S
		Inch	mm								
		A	A								
40	119043	0.500	12.700	0.059	0.059	0.689	0.500	0.130	0.217	0.945	0.500
50	119053	0.625	15.875	0.079	0.079	0.969	0.625	0.209	0.283	1.177	0.625
60	119063	0.750	19.050	0.094	0.094	1.079	0.720	0.209	0.339	1.402	0.750
80	119083	1.000	25.400	0.118	0.118	1.563	0.969	0.260	0.476	1.819	1.000

RENOLD ANSI STANDARD K1 ATTACHMENTS



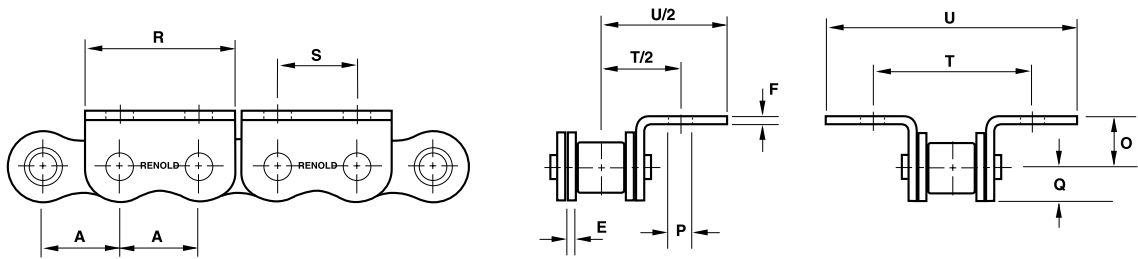
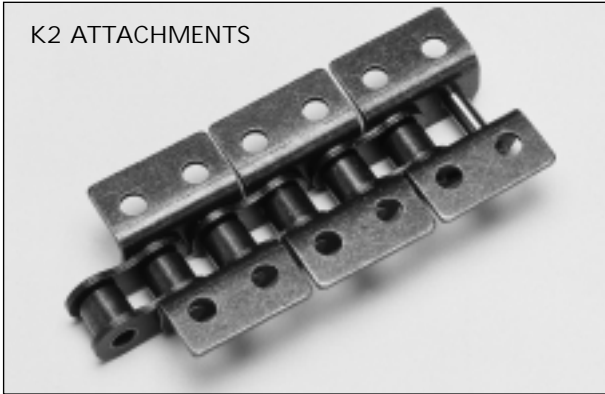
ANSI No	Renold Chain No	Pitch	Pitch	E	F	L	O	P	Q	T	U
		Inch	mm								
40	119043	0.500	12.700	0.060	0.060	0.375	0.312	0.125	0.237	0.996	1.390
50	119053	0.625	15.875	0.080	0.080	0.500	0.406	0.205	0.297	1.252	1.812
60	119063	0.750	19.050	0.094	0.094	0.625	0.478	0.205	0.356	1.500	2.135
80	119083	1.000	25.400	0.125	0.125	0.750	0.625	0.265	0.450	2.000	2.759

ISO/ANSI STANDARD K1 ATTACHMENTS



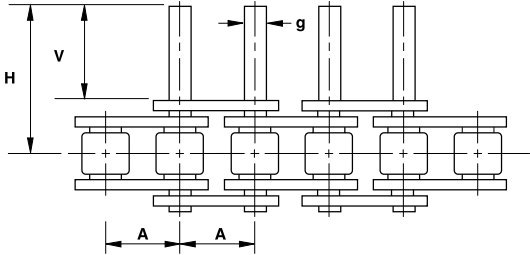
ANSI No	Renold Chain No	Pitch	Pitch	E	F	L	O	P	Q	T	U
		Inch	mm								
40	119043	0.500	12.700	0.059	0.059	0.375	0.312	0.130	0.217	1.000	1.409
50	119053	0.625	15.875	0.079	0.079	0.500	0.406	0.209	0.283	1.250	1.961
60	119063	0.750	19.050	0.094	0.094	0.625	0.469	0.209	0.339	1.500	2.283
80	119083	1.000	25.400	0.118	0.118	0.945	0.625	0.260	0.476	2.000	3.252

RENOLD ANSI STANDARD K2 ATTACHMENTS



ANSI No	Renold Chain No	Pitch	Pitch										
		Inch	mm	A	A	E	F	O	P	Q	R	S	T
40	119043	0.500	12.700	0.059	0.059	0.311	0.130	0.217	0.945	0.500	1.000	1.409	
50	119053	0.625	15.875	0.079	0.079	0.406	0.209	0.283	1.177	0.625	1.250	1.961	
60	119063	0.750	19.050	0.094	0.094	0.469	0.209	0.339	1.402	0.750	1.500	2.283	
80	119083	1.000	25.400	0.118	0.118	0.625	0.260	0.476	1.819	1.000	2.000	3.252	

RENOLD ANSI STANDARD EXTENDED BEARING PINS



ANSI STANDARD - EXTENDED PINS

ANSI No	Renold Chain No	Pitch	Pitch	Pin	Extension	Chain track
		Inch	mm	dia.	length	from chain centre
		A	A	± 0.0004 g	± 0.01 V	line (max) H
35	129033*	0.375	9.525	0.141	0.375	0.610
40	119043	0.500	12.700	0.156	0.383	0.709
50	119053	0.625	15.875	0.200	0.468	0.882
60	119063	0.750	19.050	0.234	0.562	1.071
80	119083†	1.000	25.400	0.312	0.750	1.406

* Bush chain † Extension grooved for circlip No.163, 164, 167, and 168 joints apply.

Unit Assemblies



No.463
Outer link



No.464
Outer link



No.465
Connecting
link-spring clip



No.466
Connecting
link-spring clip

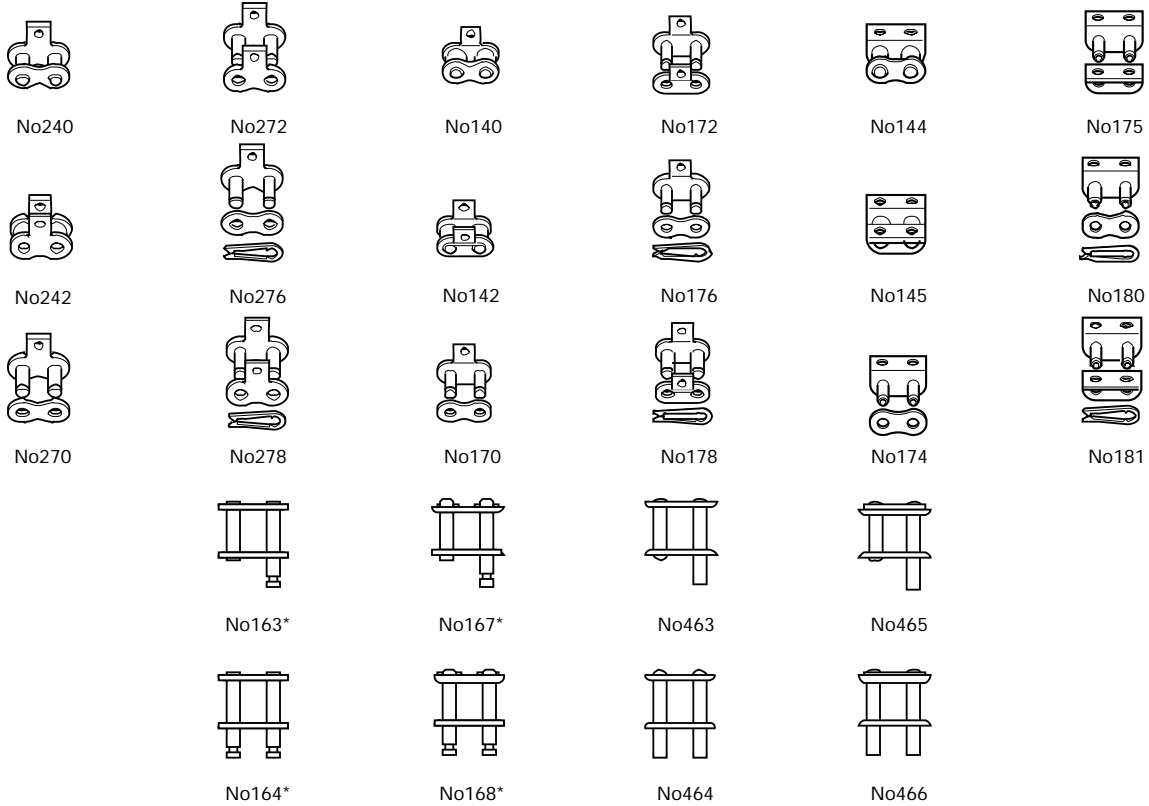


No.467



No.468

ATTACHMENT CONNECTING LINKS FOR ANSI SIMPLE ROLLER CHAIN



* ANSI 80

SPECIAL OR ADAPTED TRANSMISSION CHAIN

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

- Transmission Chain up to 11.75 in. pitch and 500 ton breaking load.
- 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.

