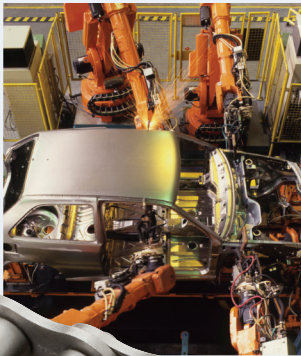


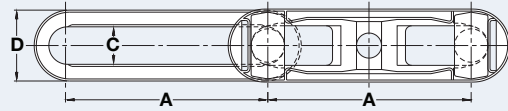
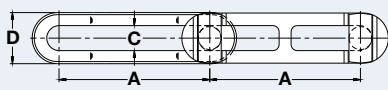
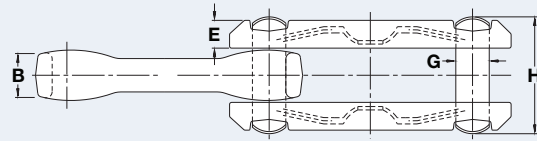
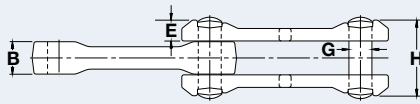
Rivetless/Cat Dog Chain

Exceptional strength per unit of weight makes Rivetless/Cat Dog Chains ideal for long-length conveyors in which chain weight plays a factor, such as power and free systems and overhead trolleys. Extreme flexibility and uniquely simple design make them also well-suited for production-line conveyors that require frequent alterations and for flight conveyors that operate in materials that can become trapped in fully enclosed chain joints.

Simple construction allows Rivetless Chains to be easily assembled and disassembled by hand. Double T-head pins are made from high-carbon steel and heat treated for long service life. These lock into sidebars to prevent rotation and can be easily reversed if one side becomes worn. The open-bearing pin design readily expels foreign materials to prevent excessive wear.

Rivetless/Cat Dog Chains from Renold Jeffrey are available in two styles. Style 1 chains are standard. Style 2, designed for greater ultimate strength, have curved center links to eliminate extra stress from transverse flexing.





Style 1

Style 2

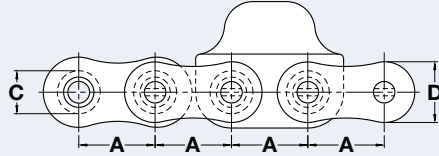
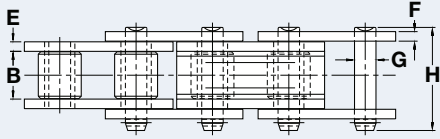
Engineering Class Rivetless Chain

Dimensions are in inches unless otherwise indicated.

Chain No.	Sidebar Style	Pitch	Inner Width Max	Inside Center Link Height Max	Plate Height Max	Plate Thick Max	Pin Diam Max	Pin Length Max	Average Ultimate Strength	Rated Working Load	Weight
		A	B	C	D	E	G	H	Lbs	Lbs	Lbs/Ft
X348	2	3.031	0.750	0.547	1.094	0.406	0.500	1.750	24,000	2,400	2.10
X458	2	4.031	1.000	0.688	1.375	0.469	0.625	2.250	48,000	4,800	3.20
X678	2	6.031	1.281	1.000	2.000	0.750	0.875	3.031	85,000	8,500	6.70
X678A*	2	6.031	1.281	1.000	2.000	0.750	0.875	3.031	100,000	10,000	6.70
698P	1	6.031	1.563	1.250	2.688	0.563	1.125	1.469	130,000	13,000	11.40
698A*	1	6.031	1.563	1.250	2.688	0.563	1.125	1.469	257,000	25,700	11.40
998P	1	9.031	1.563	1.250	2.656	0.625	1.125	3.781	130,000	13,000	9.00
998A*	1	9.031	1.563	1.250	2.656	0.625	1.125	3.781	265,000	26,500	9.00
9118P	1	9.031	1.953	1.531	3.063	0.750	1.375	4.875	220,000	22,000	16.00
9148A*	1	9.031	2.438	1.938	3.813	0.813	1.750	5.813	375,000	37,500	27.00

*Alloy Steel

Rivetless/Cat Dog Chain



Engineering Class Cat Dog Chain

Dimensions are in inches unless otherwise indicated.

Chain No.	Pitch	Inner Width Max	Roller Diam Max	Plate Height Max	Inner Plate Thick Max	Outer Plate Thick Max	Pin Diam Max	Pin Length Max	Average Ultimate Strength	Rated Working Load	Weight	Dog Spacing
	A	B	C	D	E	F	G	H	Lbs	Lbs	Lbs/Ft	DOG SPACING
160X348	2.000	1.242	1.125	1.900	0.250	0.250	0.563	2.486	63,200	11,900	8.30	6TH
160X458	2.000	1.242	1.125	1.900	0.250	0.250	0.563	2.486	63,200	11,900	9.80	4TH
											8.00	6TH
160X678	2.000	1.242	1.125	1.900	0.250	0.250	0.563	2.486	63,200	11,900	10.30	6TH