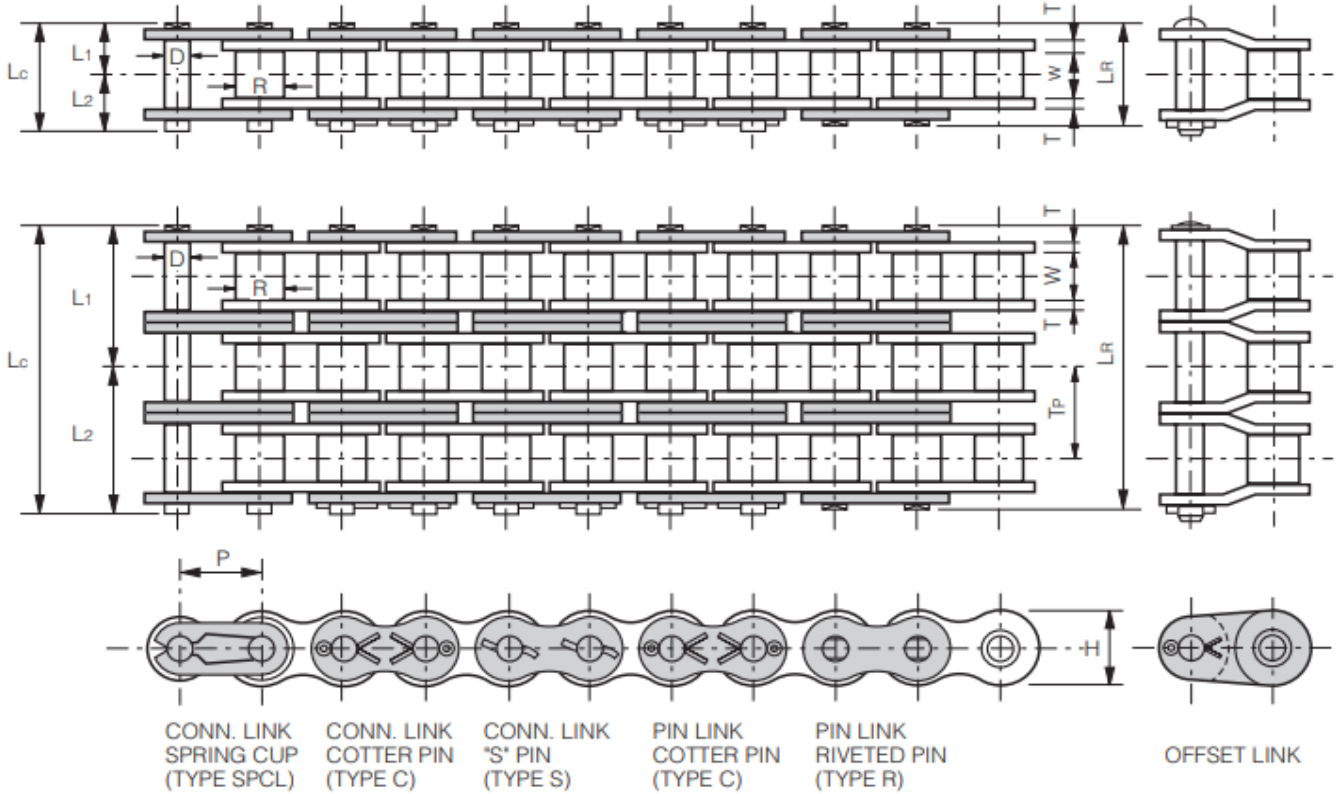


# SUPPLY SERVICES

performance engineering products



## SINGLE STRAND

Chain Number (ANSI)	Dimensions – Inches										Average Ultimate Strength	Max. Allowable Load	Average Wt. Lbs./ Ft.	Type of Conn. Link
	Pitch	Roller		Pin				Plate						
		Width	Dia.	Dia.	Length			Height	Thickness					
					LR	LC	L1			L2				
P	W	R	D	LR	LC	L1	L2	H	T	Lbs.	Lbs.		Link	
* 25	1/4	1/8	0.130	0.0905	0.296	0.327	0.148	0.179	0.230	0.030	1050	140	.09	SpCl
* 35	3/8	3/16	0.200	0.141	0.466	0.500	0.233	0.267	0.354	0.050	2400	480	.21	
41	1/2	1/4	0.306	0.141	0.532	0.579	0.266	0.313	0.382	0.050	2600	500	.27	
40	1/2	5/16	0.312	0.156	0.646	0.682	0.323	0.359	0.463	0.060	4300	810	.41	
50	5/8	3/8	0.400	0.200	0.800	0.863	0.400	0.463	0.577	0.080	7200	1400	.68	
60	3/4	1/2	0.469	0.234	1.000	1.048	0.500	0.548	0.691	0.094	9900	1950	.96	
80	1	5/8	0.625	0.312	1.276	1.388	0.638	0.750	0.921	0.125	17600	3300	1.70	C
100	1 1/4	3/4	0.750	0.375	1.544	1.685	0.772	0.913	1.154	0.156	26400	5060	2.52	
120	1 1/2	1	0.875	0.437	1.942	2.095	0.971	1.124	1.382	0.187	39000	6800	3.64	
140	1 3/4	1	1.000	0.500	2.120	2.288	1.060	1.228	1.610	0.219	50900	9000	5.00	
160	2	1 1/4	1.125	0.562	2.524	2.697	1.262	1.435	1.839	0.250	63200	11900	6.53	
180	2 1/4	1 13/32	1.406	0.687	2.854	3.087	1.429	1.658	2.067	0.281	81500	13000	9.0	
200	2 1/2	1 1/2	1.562	0.781	3.084	3.418	1.542	1.876	2.354	0.312	105500	16000	10.6	S
240	3	1 7/8	1.875	0.936	3.799	4.098	1.900	2.198	2.768	0.375	152000	22000	15.9	

\* Rollerless chain. R indicates bushing diameter.

# MULTIPLE STRANDS

Chain Number (ANSI)	Dimensions – Inches				Average Ultimate Strength	Max. Allowable Load	Avg. Wt. Lbs./ Ft.
	Pitch	Traverse Pitch	Pin Length				
			Riv.	Conn.			
	P	TP	L <sub>R</sub>	L <sub>C</sub>			
35-2	3/8	0.398	0.864	0.906	4800	810	0.4
35-3			1.260	1.296	7200	1200	0.7
35-4			1.664	1.697	9600	1580	
35-5			2.062	2.091	12000	1870	
35-6			2.460	2.495	14400	2200	
40-2	1/2	0.567	1.260	1.248	8600	1370	0.8
40-3			1.764	1.815	12900	2025	1.28
40-4			2.362	2.376	17200	2670	1.70
40-5			2.936	2.959	21500	3160	2.12
40-6			3.502	3.522	25800	3720	2.55
50-2	5/8	0.712	1.504	1.583	14400	2380	1.35
50-3			2.232	2.288	21600	3500	2.08
50-4			2.952	2.983	28800	4620	2.76
50-5			3.668	3.707	36000	5460	3.45
50-6			4.386	4.432	43200	6440	4.14
60-2	3/4	0.898	1.890	1.945	19800	3315	1.9
60-3			2.772	2.843	29700	4875	3.05
60-4			3.716	3.727	39600	6435	4.06
60-5			4.608	4.644	49500	7600	5.07
60-6			5.520	5.538	59400	8970	6.08
60-8			7.282	7.373	79200	12000	
60-10			8.180	8.271	99000	14600	
80-2	1	1.153	2.425	2.539	35200	5610	3.82
80-3			3.579	3.705	52800	8250	5.30
80-4			4.742	4.863	70400	10890	7.06
80-5			5.898	6.016	88000	12870	8.81
80-6			7.052	7.170	105600	15180	10.57
80-8			9.354	9.471	140800	20400	
80-10			11.660	11.777	176000	24700	
100-2	1 1/4	1.409	2.950	3.102	52800	8600	5.27
100-3			4.360	4.512	79200	12650	7.91
100-4			5.804	5.938	105600	16690	10.55
100-5			7.206	7.347	132000	19700	13.12
100-6			8.616	8.756	158400	23200	15.78
100-8			11.434	11.579	211200	31300	
100-10			14.252	14.396	264000	37900	

Chain Number (ANSI)	Dimensions – Inches				Average Ultimate Strength	Max. Avg. Allowable Load	Avg. Wt. Lbs./ Ft.
	Pitch	Traverse Pitch	Pin Length				
			Riv.	Conn.			
	P	TP	L <sub>R</sub>	L <sub>C</sub>			
120-2	1 1/2	1.787	3.740	3.890	78000	115600	7.86
120-3			5.531	5.685	117000	17000	11.78
120-4			7.328	7.481	156000	22440	15.70
120-5			9.116	9.268	195000	26520	19.59
120-6			10.902	11.057	234000	31280	23.49
120-8			14.468	14.364	312000	42100	
120-10			18.042	18.209	390000	51000	
140-2	1 3/4	1.925	4.055	4.224	101800	15300	9.65
140-3			5.966	6.146	152700	22500	14.90
140-4			7.922	8.091	203600	29700	19.16
140-5			9.848	10.016	254500	35100	24.84
140-6			11.772	11.941	305400	41400	29.77
140-8			15.612	15.792	407200	55800	
140-10			19.462	19.642	509000	67500	
160-2	2	2.303	4.828	5.000	126400	20230	13.47
160-3			7.146	7.315	189600	29750	20.17
160-4			9.462	9.634	252800	39270	26.92
160-5			11.764	11.941	316000	46410	35.52
160-6			14.072	14.241	329200	54740	40.27
160-8			18.678	18.851	505600	73700	
160-10			23.284	23.457	632000	89200	
180-2	2 1/4	2.587	5.441	5.670	163000	22100	17.82
180-3			8.051	8.276	244500	32500	25.68
180-4			10.638	10.863	326000	42900	34.20
180-5			13.226	13.450	407500	50700	42.73
180-6			15.814	16.037	489000	59800	51.25
200-2	2 1/2	2.819	5.906	6.241	211000	27200	21.50
200-3			8.722	9.213	316500	40000	32.94
200-4			11.548	11.906	422000	52800	43.79
200-5			14.390	14.729	527500	62400	54.64
200-6			17.210	17.544	633000	73600	58.65
240-2	3	3.457	7.252	7.551	304000	37400	32.32
240-3			10.708	11.008	456000	55000	48.11
240-4			14.166	14.465	608000	72600	63.90
240-5			17.624	17.922	760000	85800	79.70
240-6			21.082	21.379	912000	101200	95.49