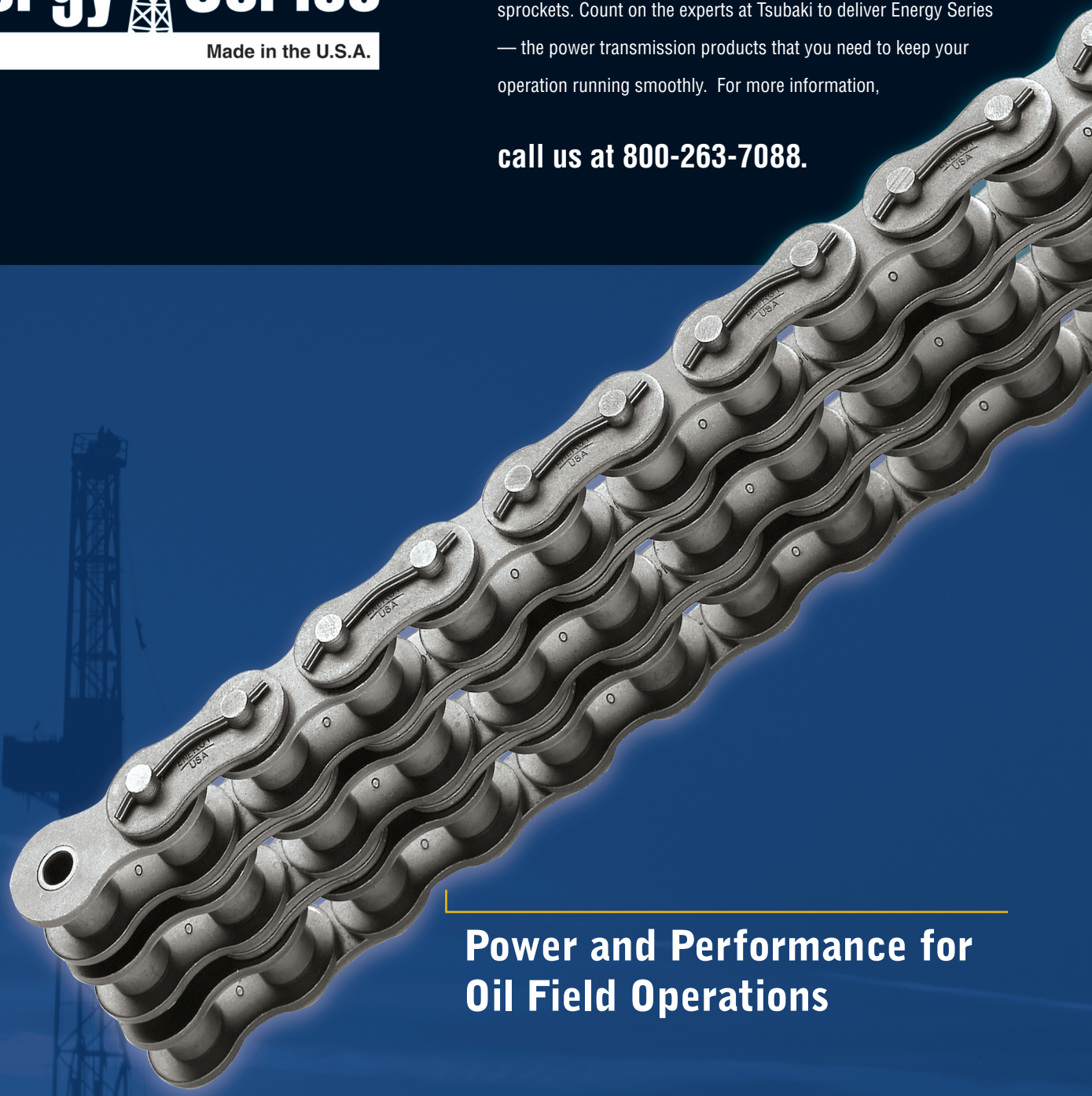
Energy Series

Made in the U.S.A.

When Power Counts

High productivity, high speeds, high shock loads, and high cyclic loading in the oil field put great demands on roller chain and sprockets. Count on the experts at Tsubaki to deliver Energy Series — the power transmission products that you need to keep your operation running smoothly. For more information,

call us at 800-263-7088.



Power and Performance for Oil Field Operations

ISO 9001:2000 REGISTERED

American Petroleum Institute License No. 7F-0016

Innovation in Motion

TSUBAKI

Energy Series

Made in the U.S.A.

Innovation in Motion

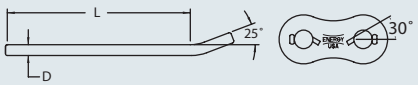
TSUBAKI

Engineered for Quality and Performance

Tsubaki builds performance into every Energy Series chain. We start with the highest quality steel, manufacture all parts to stringent tolerances, and provide the most effective heat-treatment process to maximize tensile strength and shock load resistance, and we do it all at our factory in the U.S.A. That means long- lasting chain in toughest conditions. Energy Series pins are made of special materials, precision-ground to ensure accurate fit. Link plates have wider-waists, putting more steel where you need to handle shock loads. Energy Series chain uses solid rollers that are heat-treated and shot peened for toughness and strength. All chains are pre-stressed to ensure uniform local distribution and to minimize initial elongation. And in the final step before shipping, each chain is dipped in hot lubricant that penetrates deep into the pin and bushing area to extend the working life of the chain.

Now that's power and performance!

Z-Cotter

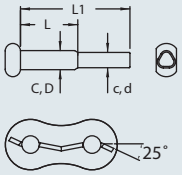


Z-Cotter Dimensions (inches)

	80	100	120	140	160	180	200
D	0.090	0.090	0.110	0.146	0.146	0.185	0.185
L	1.500	1.870	2.230	2.600	2.970	3.380	3.750

Z-cotters hold tight, minimizing vibration and maximizing fatigue life, yet allow easy assembly and disassembly in the field.

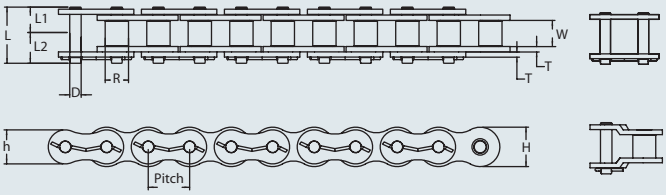
T-Cotter



T-Cotter Dimensions (inches)

264 / 240

C	D	c	d	L	L1
0.245	0.237	0.230	0.215	0.745	1.435



All dimensions are in inches unless otherwise indicated

Chain No.	Pitch	L1	L2	L	D	R	W	h	H	T	ATS[1]	WPF[2]
80	1.000	0.640	0.758	1.398	0.312	0.625	0.625	0.819	0.949	0.125	17,640	1.79
100	1.250	0.778	0.900	1.678	0.375	0.750	0.750	1.025	1.185	0.156	26,460	2.68
120	1.500	0.980	1.138	2.118	0.437	0.875	1.000	1.228	1.425	0.187	37,480	3.98
140	1.750	1.059	1.248	2.307	0.500	1.000	1.000	1.433	1.661	0.219	48,510	5.03
160	2.000	1.254	1.451	2.705	0.562	1.125	1.250	1.638	1.898	0.250	60,630	6.79
180	2.250	1.404	1.671	3.075	0.687	1.406	1.406	1.843	2.134	0.281	80,480	9.04
200	2.500	1.535	1.764	3.299	0.781	1.562	1.500	2.047	2.374	0.312	103,630	11.08
240	3.000	1.886	2.185	4.071	0.937	1.875	1.875	2.457	2.850	0.375	152,140	16.46
80H	1.000	0.720	0.823	1.543	0.312	0.625	0.625	0.819	0.949	0.156	17,640	2.08
100H	1.250	0.858	0.965	1.823	0.375	0.750	0.750	1.025	1.185	0.187	26,460	3.17
120H	1.500	1.061	1.203	2.264	0.437	0.875	1.000	1.228	1.425	0.219	37,480	4.38
140H	1.750	1.138	1.303	2.441	0.500	1.000	1.000	1.433	1.661	0.250	48,510	5.54
160H	2.000	1.337	1.514	2.851	0.562	1.125	1.250	1.638	1.898	0.281	60,630	7.35
180H	2.250	1.486	1.734	3.220	0.687	1.406	1.406	1.843	2.134	0.312	80,480	9.60
200H	2.500	1.689	1.894	3.583	0.781	1.562	1.500	2.047	2.374	0.375	103,630	12.33
264	2.500	1.686	1.965	3.651	0.875	1.562	1.500	2.047	2.366	0.375	125,000	12.47
240H	3.000	2.157	2.453	4.610	0.937	1.875	1.875	2.457	2.850	0.500	152,140	19.54

ATS[1] = Average Tensile Strength (lbs.) WPF[2] = Approximate Weight Per Foot (lbs./ft.)

Note: Multiple Strand Chain also available.

Ask us about High-Quality Sprockets for Energy Series® Chain

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