

Torsion Springs

Fox Valley Stock Number	Wire Diameter (in.)	Outside Diameter (in.)	Free Position of Ends	Torque (in./lb.)	Radius (in.)	Suggested	Length of Leg (in.)	Body Length Approx. (in.)	No. of Tot. Coils	Price Category	
						Mandrel Size (in.)				MW	SS
T105-012-3.25	.012	.105	90	.050	.187	.065	.375	.054	3.25	B	B
T110-012-6.00		.110	180		.187	.067	.375	.086	6.0	B	B
T103-012-9.75		.103	270		.187	.062	.375	.139	9.75	B	B
T167-012-4.00		.167	180		.250	.109	.500	.059	4.0	B	B
T171-012-5.75		.171	270		.250	.109	.500	.086	5.75	B	B
T174-012-7.50		.174	360		.250	.109	.500	.112	7.50	B	B
T124-014-3.25	.014	.124	90	.075	.250	.062	.500	.065	3.25	B	B
T133-014-6.00		.133	180		.250	.062	.500	.103	6.0	B	B
T124-014-9.75		.124	270		.250	.062	.500	.156	9.75	B	B
T194-014-4.00		.194	180		.375	.109	.750	.075	4.0	B	B
T201-014-5.75		.201	270		.375	.109	.750	.100	5.75	B	B
T204-014-7.50		.204	360		.375	.109	.750	.124	7.5	B	B
T111-015-3.25	.015	.111	90	.100	.250	.062	.500	.068	3.25	B	B
T131-015-6.00		.131	180		.250	.078	.500	.107	6.0	B	B
T125-015-9.75		.125	270		.250	.078	.500	.173	9.75	B	B
T184-015-4.00		.184	180		.375	.109	.750	.075	4.0	B	B
T200-015-5.75		.200	270		.375	.109	.750	.107	5.75	B	B
T208-015-7.50		.208	360		.375	.109	.750	.132	7.50	B	B
T160-017-3.25	.017	.160	90	.125	.250	.093	.500	.077	3.25	B	B
T172-017-6.00		.172	180		.250	.105	.500	.125	6.0	B	B
T160-017-9.75		.160	270		.250	.093	.500	.188	9.75	B	B
T249-017-4.00		.249	180		.375	.170	.750	.090	4.0	B	B
T259-017-5.75		.259	270		.375	.175	.750	.120	5.75	B	B
T235-017-8.50		.235	360		.375	.156	.750	.167	8.50	B	B
T178-018-3.25	.018	.178	90	.150	.250	.109	.500	.080	3.25	B	B
T165-018-7.00		.165	180		.250	.109	.500	.150	7.0	B	B
T160-018-10.75		.160	270		.250	.109	.500	.228	10.75	B	B
T217-018-5.00		.217	180		.375	.140	.750	.109	5.0	B	B
T246-018-6.75		.246	270		.375	.156	.750	.150	6.75	B	B
T234-018-9.50		.234	360		.375	.156	.750	.200	9.5	B	B
T191-020-3.25	.020	.191	90	.200	.375	.120	.750	.090	3.25	B	B
T179-020-7.00		.179	180		.375	.105	.750	.165	7.0	B	B
T175-020-10.75		.175	270		.375	.105	.750	.240	10.75	B	B
T242-020-5.00		.242	180		.500	.160	1.000	.125	5.0	B	B
T268-020-6.75		.268	270		.500	.187	1.000	.160	6.75	B	B
T254-020-9.50		.254	360		.500	.172	1.000	.215	9.5	B	B
T200-021-3.25	.021	.200	90	.250	.375	.120	.750	.095	3.25	B	B
T186-021-7.00		.186	180		.375	.109	.750	.173	7.0	B	B
T185-021-10.75		.185	270		.375	.109	.750	.266	10.75	B	B
T248-021-5.00		.248	180		.500	.156	1.000	.127	5.0	B	B
T246-021-7.75		.246	270		.500	.148	1.000	.195	7.75	B	B
T272-021-9.50		.272	360		.500	.187	1.000	.230	9.50	B	B
T204-023-3.25	.023	.204	90	.330	.375	.125	.750	.103	3.25	B	B
T191-023-7.00		.191	180		.375	.115	.750	.190	7.0	B	B
T187-023-10.75		.187	270		.375	.109	.750	.280	10.75	B	B
T259-023-5.00		.259	180		.500	.170	1.000	.145	5.0	B	B
T251-023-7.75		.251	270		.500	.162	1.000	.210	7.75	B	B
T271-023-9.50		.271	360		.500	.180	1.000	.250	9.5	B	B
T236-025-3.25	.025	.236	90	.420	.375	.140	.750	.110	3.25	B	B
T225-025-7.00		.225	180		.375	.140	.750	.206	7.0	B	B
T220-025-10.75		.220	270		.375	.140	.750	.304	10.75	B	B
T305-025-5.00		.305	180		.500	.203	1.000	.151	5.0	B	B
T341-025-6.75		.341	270		.500	.218	1.000	.206	6.75	B	B
T325-025-9.50		.325	360		.500	.218	1.000	.275	9.50	B	B

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For springs not listed as a stock item, please refer to our Custom Torsion Spring section on page 46 and call our Customer Service Department at (414) 757-7777.

TORQUE SHOWN IS FOR MUSIC WIRE.
WHEN USING STAINLESS STEEL MULTIPLY TORQUE BY .933

Torsion Springs

Fox Valley Stock Number	Wire Diameter (in.)	Outside Diameter (in.)	Free Position of Ends	Torque (in./lb.)	Radius (in.)	Suggested Mandrel Size (in.)	Length of Leg (in.)	Body Length Approx. (in.)	No. of Tot. Coils	Price Category	
										MW	SS
T267-028-3.25	.028	.267	90	.550	.500	.175	1.000	.125	3.25	B	C
T249-028-7.00		.249	180		.500	.156	1.000	.235	7.0	B	C
T245-028-10.75		.245	270		.500	.156	1.000	.340	10.75	B	C
T340-028-5.00		.340	180		.500	.235	1.000	.175	5.0	B	C
T329-028-7.75		.329	270		.500	.225	1.000	.255	7.75	B	C
T355-028-9.50		.355	360		.500	.245	1.000	.305	9.5	B	C
T305-030-3.25	.030	.305	90	.680	.500	.205	1.000	.132	3.25	B	C
T273-030-7.00		.273	180		.500	.172	1.000	.248	7.00	B	C
T271-030-10.75		.271	270		.500	.172	1.000	.365	10.75	B	C
T395-030-5.00		.395	180		.500	.250	1.000	.181	5.0	B	C
T377-030-7.75		.377	270		.500	.250	1.000	.280	7.75	B	C
T410-030-9.50		.410	360		.500	.250	1.000	.325	9.50	B	C
T288-032-3.25	.032	.288	90	.875	.500	.180	1.000	.145	3.25	B	C
T270-032-7.00		.270	180		.500	.170	1.000	.265	7.0	B	C
T264-032-10.75		.264	270		.500	.162	1.000	.385	10.75	B	C
T366-032-5.00		.366	180		.500	.250	1.000	.200	5.0	B	C
T354-032-7.75		.354	270		.500	.240	1.000	.290	7.75	B	C
T382-032-9.50		.382	360		.500	.250	1.000	.345	9.5	B	C
T316-035-3.25	.035	.316	90	1.07	.625	.187	1.25	.153	3.25	B	C
T304-035-7.00		.304	180		.625	.187	1.25	.290	7.0	B	C
T312-035-10.75		.312	270		.625	.187	1.25	.425	10.75	C	C
T451-035-5.00		.451	180		.625	.281	1.25	.212	5.0	C	C
T436-035-7.75		.436	270		.625	.281	1.25	.315	7.75	C	C
T472-035-9.50		.472	360		.625	.312	1.25	.380	9.50	C	C
T386-038-3.25	.038	.386	90	1.28	.625	.250	1.250	.170	3.25	C	C
T363-038-7.00		.363	180		.625	.240	1.250	.315	7.0	C	C
T353-038-10.75		.353	270		.625	.230	1.250	.455	10.75	C	C
T487-038-5.00		.487	180		.625	.340	1.250	.238	5.0	C	C
T477-038-7.75		.477	270		.625	.330	1.250	.342	7.75	C	C
T514-038-9.50		.514	360		.625	.355	1.250	.410	9.5	C	C
T335-040-4.25	.040	.335	90	1.50	.625	.212	1.25	.220	4.25	C	C
T349-040-8.00		.349	180		.625	.218	1.25	.374	8.0	C	C
T359-040-11.75		.359	270		.625	.218	1.25	.525	11.75	C	D
T519-040-5.00		.519	180		1.000	.343	2.0	.242	5.0	C	D
T512-040-7.75		.512	270		1.000	.343	2.0	.360	7.75	C	D
T508-040-10.50		.508	360		1.000	.343	2.0	.470	10.5	C	D
T357-045-4.25	.045	.357	90	2.15	.625	.225	1.250	.245	4.25	C	D
T377-045-8.00		.377	180		.625	.240	1.250	.415	8.0	C	D
T382-045-11.75		.382	270		.625	.240	1.250	.585	11.75	C	D
T575-045-5.00		.575	180		1.000	.390	2.000	.280	5.0	C	D
T556-045-7.75		.556	270		1.000	.375	2.000	.405	7.75	C	D
T549-045-10.50		.549	360		1.000	.375	2.000	.530	10.5	C	D
T388-048-4.25	.048	.388	90	2.75	.625	.230	1.25	.260	4.25	C	D
T405-048-8.00		.405	180		.625	.250	1.25	.450	8.0	C	D
T417-048-11.75		.417	270		.625	.250	1.25	.630	11.75	D	D
T619-048-5.00		.619	180		1.000	.406	2.0	.292	5.0	D	D
T601-048-7.75		.601	270		1.000	.406	2.0	.435	7.75	D	D
T595-048-10.50		.595	360		1.000	.406	2.0	.570	10.50	D	D

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Torsion Springs

Fox Valley Stock Number	Wire Diameter (in.)	Outside Diameter (in.)	Free Position of Ends	Torque (in./lb.)	Radius (in.)	Suggested Mandrel Size (in.)	Length of Leg (in.)	Body Length Approx. (in.)	No. of Tot. Coils	Price Category	
										MW	SS
T408-051-4.25	.051	.408	90	3.10	1.000	.250	2.000	.275	4.25	D	D
T430-051-8.00		.430	180		1.000	.275	2.000	.470	8.0	D	D
T439-051-11.75		.439	270		1.000	.280	2.000	.660	11.75	D	D
T556-051-6.00		.556	180		1.000	.375	2.000	.365	6.0	D	D
T571-051-8.75		.571	270		1.000	.390	2.000	.510	8.75	D	D
T628-051-10.50		.628	360		1.000	.437	2.000	.600	10.5	D	D
T484-054-4.25	.054	.484	90	3.50	1.000	.315	2.0	.295	4.25	D	E
T509-054-8.00		.509	180		1.000	.345	2.0	.500	8.0	D	E
T514-054-11.75		.514	270		1.000	.345	2.0	.700	11.75	E	E
T654-054-6.00		.654	180		1.000	.460	2.0	.390	6.0	E	E
T664-054-8.75		.664	270		1.000	.475	2.0	.540	8.75	E	E
T694-054-11.50		.694	360		1.000	.500	2.0	.690	11.50	E	F
T499-059-4.25	.059	.499	90	4.50	1.000	.312	2.000	.320	4.25	E	F
T526-059-8.00		.526	180		1.000	.335	2.000	.540	8.0	E	F
T537-059-11.75		.537	270		1.000	.350	2.000	.765	11.75	F	F
T681-059-6.00		.681	180		1.000	.470	2.000	.425	6.0	F	F
T699-059-8.75		.699	270		1.000	.485	2.000	.585	8.75	F	F
T709-059-11.50		.709	360		1.000	.490	2.000	.750	11.5	F	F
T560-063-4.25	.063	.560	90	5.50	1.000	.375	2.000	.350	4.25	F	F
T591-063-8.00		.591	180		1.000	.390	2.000	.580	8.00	F	F
T600-063-11.75		.600	270		1.000	.406	2.000	.820	11.75	F	F
T767-063-6.00		.767	180		1.000	.547	2.000	.460	6.0	F	F
T784-063-8.75		.784	270		1.000	.562	2.000	.630	8.75	F	F
T798-063-11.50		.798	360		1.000	.578	2.000	.805	11.50	F	F
T593-070-4.25	.070	.593	90	7.50	1.000	.385	2.000	.375	4.25	F	F
T625-070-8.00		.625	180		1.000	.406	2.000	.640	8.0	F	F
T639-070-11.75		.639	270		1.000	.420	2.000	.905	11.75	F	F
T810-070-6.00		.810	180		1.000	.565	2.000	.500	6.0	F	F
T826-070-8.75		.826	270		1.000	.580	2.000	.700	8.75	F	F
T843-070-11.50		.843	360		1.000	.593	2.000	.890	11.5	F	F
T637-075-4.25	.075	.637	90	9.20	1.000	.390	2.000	.402	4.25	F	F
T672-075-8.00		.672	180		1.000	.418	2.000	.689	8.00	F	F
T685-075-11.75		.685	270		1.000	.492	2.000	.975	11.75	F	F
T757-075-7.00		.757	180		1.000	.486	2.000	.612	7.00	F	F
T810-075-9.75		.810	270		1.000	.527	2.000	.822	9.75	F	F
T985-075-10.50		.985	360		1.000	.660	2.000	.880	10.50	F	F
T657-078-4.25	.078	.657	90	10.45	1.000	.402	2.000	.418	4.25	F	F
T693-078-8.00		.693	180		1.000	.431	2.000	.716	8.00	F	F
T706-078-11.75		.706	270		1.000	.507	2.000	1.014	11.75	F	F
T781-078-7.00		.781	180		1.000	.500	2.000	.636	7.00	F	F
T835-078-9.75		.835	270		1.000	.543	2.000	.855	9.75	F	F
T1.01-078-10.50		1.015	360		1.000	.680	2.000	.915	10.50	F	F
T748-085-4.25	.085	.748	90	12.86	1.250	.467	2.500	.455	4.25	F	F
T790-085-8.00		.790	180		1.250	.501	2.500	.780	8.00	F	F
T805-085-11.75		.805	270		1.250	.584	2.500	1.105	11.75	F	F
T891-085-7.00		.891	180		1.250	.580	2.500	.694	7.00	F	F
T953-085-9.75		.953	270		1.250	.629	2.500	.932	9.75	F	F
T1.06-085-11.50		1.066	360		1.250	.716	2.500	1.084	11.50	F	F
T871-095-4.25	.095	.871	90	17.14	1.500	.554	3.000	.509	4.25	F	F
T920-095-8.00		.920	180		1.500	.593	3.000	.872	8.00	F	F
T937-095-11.75		.937	270		1.500	.688	3.000	1.235	11.75	F	F
T1.03-095-7.00		1.038	180		1.500	.686	3.000	.775	7.00	F	F
T1.11-095-9.75		1.110	270		1.500	.743	3.000	1.042	9.75	F	F
T1.24-095-11.5		1.243	360		1.500	.845	3.000	1.211	11.50	F	F

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