



XSC700

SQUARE SECTION EXTERNAL

0.125" to 3.00"

Standard Material
Carbon Spring Steel

Obtainable in
Bronze, Beryllium Copper,
and Stainless Steel

Closed Gap Square Wire XSC Type										Open Gap Square Wire XSO Type (All dimensions identical to XSC except for gap opening dimensions)				
PART NUMBER	SHAFT DIAMETER		Ring Dimensions			GROOVE DIMENSION		APPROX. Wt. LB/ 1000 PCS.	PART NUMBER	Gap Dimensions			APPROX Wt. LB/ 1000 PCS.	
	S (frac)	S (dec)	Thickness	D max.	D Center	D Min.	A Width			B Depth	O Max.	O Center		O Min.
XSC 111	1/8	0.125	.020	0.114	0.111	0.107	.024	.005	.05	XSO 211	0.101	0.098	0.095	0.03
XSC 1125	5/32	0.156	.020	0.145	0.141	0.136	.024	.005	.06	XSO 2125	0.128	0.124	0.120	0.04
XSC 112	3/16	0.188	.020	0.175	0.170	0.165	.024	.005	.07	XSO 212	0.154	0.149	0.145	0.05
XSC 113	3/16	0.188	.025	0.173	0.168	0.163	.029	.006	.11	XSO 213	0.153	0.148	0.144	0.07
XSC 1135	7/32	0.219	.025	0.203	0.197	0.191	.029	.006	.12	XSO 2135	0.179	0.174	0.168	0.08
XSC 114	1/4	0.250	.025	0.236	0.229	0.222	.030	.006	.14	XSO 214	0.208	0.202	0.196	0.09
XSC 115	1/4	0.250	.031	0.232	0.225	0.218	.036	.008	.22	XSO 215	0.205	0.199	0.193	0.14
XSC 1155	9/32	0.281	.031	0.261	0.253	0.245	.036	.008	.24	XSO 2155	0.230	0.223	0.216	0.16
XSC 116	5/16	0.312	.031	0.293	0.284	0.275	.036	.008	.28	XSO 216	0.258	0.250	0.243	0.18
XSC 117	5/16	0.312	.039	0.289	0.280	0.272	.045	.010	.44	XSO 217	0.255	0.247	0.240	0.29
XSC 118	3/8	0.375	.035	0.353	0.342	0.332	.041	.009	.42	XSO 218	0.311	0.302	0.292	0.28
XSC 119	3/8	0.375	.046	0.347	0.337	0.326	.052	.012	.74	XSO 219	0.305	0.296	0.287	0.49
XSC 120	7/16	0.438	.039	0.413	0.403	0.392	.045	.010	.51	XSO 220	0.364	0.355	0.346	0.33
XSC 121	7/16	0.438	.055	0.405	0.395	0.385	.062	.014	1.23	XSO 221	0.357	0.348	0.339	0.81
XSC 122	1/2	0.500	.046	0.471	0.459	0.447	.052	.012	.97	XSO 222	0.414	0.404	0.393	0.64
XSC 123	1/2	0.500	.062	0.463	0.451	0.440	.069	.016	1.79	XSO 223	0.408	0.398	0.388	1.18
XSC 124	9/16	0.562	.062	0.525	0.512	0.499	.069	.016	2.00	XSO 224	0.463	0.451	0.440	1.31
XSC 125	9/16	0.562	.071	0.521	0.508	0.495	.078	.018	2.64	XSO 225	0.460	0.449	0.437	1.73
XSC 126	5/8	0.625	.055	0.591	0.576	0.561	.062	.014	1.73	XSO 226	0.521	0.508	0.495	1.14
XSC 127	5/8	0.625	.078	0.579	0.565	0.550	.085	.020	3.54	XSO 227	0.511	0.498	0.485	2.32
XSC 128	11/16	0.688	.055	0.653	0.637	0.620	.062	.014	1.89	XSO 228	0.576	0.562	0.547	1.24
XSC 129	11/16	0.688	.078	0.641	0.625	0.609	.085	.020	3.87	XSO 229	0.565	0.551	0.537	2.54
XSC 130	3/4	0.750	.062	0.712	0.694	0.676	.069	.016	2.63	XSO 230	0.628	0.612	0.597	1.77
XSC 131	3/4	0.750	.093	0.697	0.680	0.662	.100	.023	6.04	XSO 231	0.615	0.600	0.584	3.96
XSC 132	13/16	0.812	.062	0.773	0.754	0.734	.069	.016	2.84	XSO 232	0.682	0.665	0.648	1.86
XSC 133	13/16	0.812	.093	0.759	0.740	0.721	.100	.023	6.52	XSO 233	0.669	0.652	0.636	4.28
XSC 134	7/8	0.875	.071	0.831	0.810	0.789	.078	.018	4.02	XSO 234	0.732	0.714	0.695	2.64
XSC 135	7/8	0.875	.109	0.813	0.793	0.772	.117	.027	9.69	XSO 235	0.717	0.699	0.681	6.36
XSC 136	15/16	0.938	.071	0.893	0.871	0.848	.078	.018	4.30	XSO 236	0.787	0.767	0.748	2.82
XSC 137	15/16	0.938	.109	0.875	0.853	0.831	.117	.027	10.34	XSO 237	0.771	0.752	0.732	6.79
XSC 138	1	1.000	.078	0.950	0.926	0.903	.085	.020	5.53	XSO 238	0.838	0.817	0.796	3.63
XSC 139	1	1.000	.125	0.929	0.906	0.883	.133	.031	14.55	XSO 239	0.819	0.799	0.778	9.55
XSC 140	1-1/16	1.063	.078	1.012	0.992	0.972	.085	.020	5.87	XSO 240	0.893	0.875	0.857	3.85
XSC 141	1-1/16	1.063	.125	0.990	0.970	0.950	.133	.031	15.41	XSO 241	0.873	0.856	0.838	10.10
XSC 142	1-1/8	1.125	.093	1.068	1.047	1.025	.100	.023	8.88	XSO 242	0.940	0.921	0.902	5.84
XSC 143	1-1/8	1.125	.140	1.044	1.023	1.002	.148	.035	20.53	XSO 243	0.921	0.903	0.884	13.47
XSC 144	1-3/16	1.188	.093	1.130	1.107	1.085	.100	.023	9.36	XSO 244	0.997	0.977	0.957	6.14
XSC 145	1-3/16	1.188	.140	1.106	1.084	1.062	.148	.035	21.61	XSO 245	0.975	0.956	0.936	14.18
XSC 146	1-1/4	1.250	.109	1.184	1.160	1.137	.117	.027	13.59	XSO 246	1.044	1.023	1.002	8.92
XSC 147	1-1/4	1.250	.156	1.160	1.137	1.114	.164	.039	28.34	XSO 247	1.023	1.003	0.982	18.60
XSC 148	1-5/16	1.312	.109	1.246	1.221	1.196	.117	.027	14.28	XSO 248	1.099	1.077	1.055	9.37
XSC 149	1-5/16	1.312	.156	1.222	1.198	1.173	.164	.039	29.67	XSO 249	1.078	1.056	1.035	18.81
XSC 150	1-3/8	1.375	.120	1.304	1.278	1.252	.128	.030	18.56	XSO 250	1.150	1.127	1.104	12.18
XSC 151	1-3/8	1.375	.172	1.276	1.251	1.225	.180	.043	37.89	XSO 251	1.125	1.103	1.080	24.87
XSC 152	1-7/16	1.438	.120	1.364	1.337	1.309	.128	.030	18.90	XSO 252	1.203	1.179	1.155	12.40
XSC 153	1-7/16	1.438	.172	1.338	1.311	1.284	.180	.043	39.51	XSO 253	1.180	1.156	1.133	25.93
XSC 154	1-1/2	1.500	.125	1.424	1.396	1.367	.133	.031	21.40	XSO 254	1.256	1.231	1.206	14.04
XSC 155	1-1/2	1.500	.187	1.392	1.364	1.336	.195	.047	48.85	XSO 255	1.228	1.203	1.179	32.05
XSC 156	1-5/8	1.625	.125	1.547	1.516	1.485	.133	.031	23.12	XSO 256	1.364	1.337	1.309	15.18
XSC 157	1-5/8	1.625	.187	1.516	1.486	1.455	.195	.047	52.68	XSO 257	1.337	1.310	1.284	34.52
XSC 158	1-3/4	1.750	.156	1.657	1.624	1.591	.164	.039	39.04	XSO 258	1.461	1.432	1.403	25.63
XSC 159	1-3/4	1.750	.218	1.624	1.592	1.559	.227	.055	77.44	XSO 259	1.432	1.403	1.375	50.83
XSC 160	2	2.000	.187	1.887	1.850	1.812	.195	.047	64.16	XSO 260	1.664	1.631	1.597	42.12
XSC 161	2	2.000	.250	1.855	1.818	1.781	.260	.063	116.40	XSO 261	1.636	1.603	1.571	76.41
XSC 162	2-1/4	2.250	.187	2.134	2.091	2.049	.195	.047	71.81	XSO 262	1.882	1.844	1.807	47.12
XSC 163	2-1/4	2.250	.250	2.103	2.061	2.019	.260	.063	130.10	XSO 263	1.855	1.818	1.781	85.40
XSC 164	2-1/2	2.500	.250	2.350	2.303	2.256	.265	.063	143.80	XSO 264	2.073	2.032	1.990	94.31
XSC 165	2-1/2	2.500	.312	2.321	2.275	2.228	.327	.078	227.60	XSO 265	2.047	2.006	1.965	149.40
XSC 166	3	3.000	.250	2.845	2.788	2.731	.265	.063	171.10	XSO 266	2.510	2.460	2.410	112.30
XSC 167	3	3.000	.312	2.816	2.760	2.703	.327	.078	270.30	XSO 267	2.483	2.433	2.384	177.40

Tolerance on "t" (thickness) dimensions are as follows:
 .020 to .025 sizes +.003
 -.002
 .031 to .046 sizes +.005
 -.004
 .055 to .312 sizes +.006
 -.004

