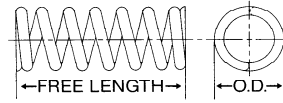


DIAMOND OVERRUN SPRINGS

MUSIC WIRE, OIL TEMPERED, STAINLESS STEEL
ENDS SQUARED & GROUND

Ends to be square within 3 degrees

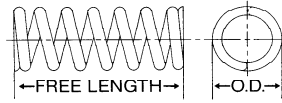


Diamond Stock No.	Outside Dia.	Wire Dia.	Approx. Load at Solid	Free Length	Solid Ht.	Total Defl.	Spring Rate	Type of Material	Price Group
	In.	In.	Lb.	In.	In.	In.	Lb./In.		
DWS-164	0.210	0.020	1	0.875	0.420	0.455	1.76	O.T.	B
DWS-1	0.235	0.050	109	0.500	0.250	0.250	436.00	M.W.	A
DWS-0	0.235	0.500	28	0.800	0.600	0.200	141.00	M.W.	A
DWS-41	0.240	0.022	4	1.750	0.120	1.630	2.50	M.W.	A
DWS-131	0.240	0.035	15	1.210	0.455	0.755	19.79	S.S.	C
DWS-230	0.240	0.052	49	0.850	0.572	0.278	175.80	M.W.	E
DWS-2	0.255	0.029	8	0.750	0.240	0.510	7.49	M.W.	A
DWS-168	0.280	0.022	3	1.750	0.330	1.420	2.18	O.T.	A
DWS-142	0.340	0.024	1	7.000	2.856	4.144	0.13	O.T.	D
DWS-33	0.420	0.105	140	1.250	1.050	0.200	699.00	O.T.	F
DWS-9	0.442	0.045	19	7.187	1.400	5.787	3.25	M.W.	E
DWS-137	0.460	0.092	152	0.680	0.460	0.220	688.80	O.T.	C
DWS-127	0.485	0.115	128	1.075	0.920	0.155	827.26	O.T.	D
DWS-182	0.540	0.055	8	1.700	0.770	0.930	8.36	S.S.	D
DWS-118	0.605	0.072	27	1.500	0.648	0.852	31.69	S.S.	F
DWS-219	0.620	0.060	19	1.875	0.600	1.150	15.20	M.W.	D
DWS-42	0.655	0.090	47	0.900	0.540	0.360	131.00	O.T.	F
DWS-177	0.750	0.081	19	3.250	1.620	1.630	11.48	O.T.	J
DWS-52	0.750	0.110	58	3.960	2.480	1.480	39.20	O.T.	L
DWS-139	0.775	0.047	5	4.750	0.799	3.951	1.21	O.T.	E
DWS-234	0.810	0.085	34	0.820	0.383	0.437	78.80	M.W.	E
DWS-201	0.840	0.055	3	0.750	0.248	0.503	6.34	S.S.	I
DWS-237	0.870	0.135	117	2.000	1.215	0.785	149.40	SS	O
DWS-227	0.895	0.218	2071	2.100	1.308	0.792	2615.00	O.T.	S
DWS-231	0.930	0.076	15	1.495	0.532	0.963	15.40	M.W.	K
DWS-55	0.935	0.135	119	4.500	2.300	2.200	54.10	S.S.	U
DWS-167	0.970	0.172	172	3.000	2.236	0.764	225.07	O.T.	O
DWS-224	0.975	0.105	58	7.000	2.205	4.795	12.10	S.S.	U
DWS-128	1.100	0.125	59	2.500	1.250	1.250	47.33	O.T.	N
DWS-109	1.100	0.160	96	3.600	2.400	1.200	80.25	S.S.	W
DWS-39	1.105	0.162	144	5.000	3.000	2.000	72.00	S.S.	S
DWS-176	1.110	0.162	284	5.000	2.187	2.813	101.05	O.T.	S
DWS-223	1.110	0.162	191	3.430	1.863	1.567	122.30	O.T.	Q
DWS-208	1.182	0.148	128	2.500	1.221	1.279	99.82	O.T.	P
DWS-208	1.187	0.148	124	2.500	1.230	1.270	98.00	O.T.	N
DWS-205	1.220	0.225	374	5.000	3.600	1.400	267.14	O.T.	X
DWS-232	1.240	0.115	60	2.160	0.719	1.441	41.50	O.T.	M
DWS-233	1.250	0.135	94	3.125	1.215	1.910	49.20	O.T.	Q
DWS-228	1.250	0.218	469	7.875	4.742	3.133	149.60	O.T.	U
DWS-50	1.365	0.312	1808	2.500	1.880	0.620	2916.00	O.T.	AA
DWS-58	1.375	0.177	227	3.080	1.420	1.660	137.00	O.T.	Q
DWS-147	1.430	0.192	278	8.000	3.552	4.448	62.40	O.T.	AA
DWS-112	1.440	0.225	432	2.300	1.406	0.894	483.30	O.T.	W
DWS-202	1.450	0.172	15	4.250	1.806	2.444	6.34	O.T.	T
DWS-158	1.450	0.283	765	6.375	4.528	1.847	414.39	O.T.	AE
DWS-29	1.460	0.187	267	2.375	1.122	1.253	213.02	O.T.	Q
DWS-49	1.480	0.343	2766	3.000	2.060	0.940	2943.00	S.S.	AZ
DWS-221	1.500	0.207	299	2.220	1.242	0.978	305.00	O.T.	W
DWS-218	1.510	0.148	103	6.875	2.146	4.729	21.80	O.T.	U

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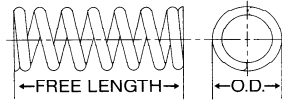


Diamond Stock No.	Outside Dia.	Wire Dia.	Approx. Load at Solid	Free Length	Solid Ht.	Total Defl.	Spring Rate	Type of Material	Price Group
	In.	In.	Lb.	In.	In.	In.	Lb./In.		
DWS-132	1.535	0.235	335	4.500	2.820	1.680	199.55	O.T.	W
DWS-12	1.550	0.225	455	2.500	1.350	1.150	395.94	O.T.	W
DWS-194	1.560	0.207	245	2.160	1.242	0.918	266.40	O.T.	Q
DWS-198	1.560	0.312	1514	3.000	2.028	0.972	1557.29	O.T.	AC
DWS-56	1.565	0.207	251	2.200	1.250	0.950	264.00	O.T.	S
DWS-133	1.620	0.207	269	3.625	1.760	1.866	143.93	O.T.	R
DWS-108	1.680	0.235	262	6.000	3.408	2.593	101.08	S.S.	AM
DWS-103	1.680	0.250	411	3.750	2.250	1.500	274.32	O.T.	X
DWS-150	1.720	0.192	132	5.250	2.544	2.706	48.67	O.T.	AA
DWS-199	1.730	0.115	61	2.500	0.460	2.040	29.84	O.T.	P
DWS-200	1.750	0.085	13	5.500	0.680	4.820	2.71	O.T.	L
DWS-51	1.780	0.343	1758	2.050	1.460	0.590	2980.00	O.T.	AE
DWS-107	1.810	0.437	2123	4.125	3.496	0.629	3375.75	O.T.	AH
DWS-206	1.820	0.406	2552	3.175	2.436	0.739	3453.85	O.T.	AG
DWS-206	1.820	0.406	2103	3.187	2.540	0.647	3250.00	O.T.	AG
DWS-123	1.850	0.162	136	15.125	3.240	11.885	11.44	O.T.	AI
DWS-225	1.870	0.125	37	3.930	0.844	3.086	12.10	S.S.	U
DWS-174	1.925	0.312	864	5.250	3.120	2.130	405.73	O.T.	AF
DWS-121	1.985	0.135	38	9.500	2.025	7.475	5.04	S.S.	X
DWS-195	2.000	0.312	678	6.000	3.666	2.334	290.47	O.T.	AG
DWS-191	2.000	0.375	1104	4.000	3.000	1.000	1104.13	O.T.	AF
DWS-141	2.000	0.375	1242	7.500	5.250	2.250	552.07	O.T.	AI
DWS-156	2.070	0.207	248	5.500	1.397	4.103	60.47	O.T.	AA
DWS-222	2.110	0.283	461	5.125	2.759	2.366	195.10	O.T.	AE
DWS-151	2.115	0.177	62	2.875	1.180	1.695	36.40	S.S.	W
DWS-161	2.120	0.283	694	2.000	1.061	0.939	739.08	S.S.	AB
DWS-140	2.120	0.393	2164	4.000	2.555	1.446	1497.12	O.T.	AG
DWS-31	2.125	0.250	638	5.500	1.750	3.750	170.00	O.T.	AE
DWS-196	2.130	0.225	141	4.000	2.081	1.919	73.50	O.T.	AB
DWS-53	2.160	0.468	2725	3.250	2.580	0.670	4067.00	O.T.	AK
DWS-175	2.180	0.343	1493	12.000	5.488	6.512	229.26	O.T.	AI
DWS-143	2.200	0.375	292	4.250	3.750	0.500	584.59	O.T.	AG
DWS-220	2.240	0.250	629	5.350	1.570	3.780	166.50	O.T.	AD
DWS-144	2.320	0.343	1017	4.375	2.401	1.974	515.00	O.T.	AH
DWS-104	2.400	0.343	629	6.250	3.773	2.477	254.00	O.T.	AI
DWS-193	2.470	0.330	940	7.625	3.300	4.325	217.44	O.T.	AI
DWS-124	2.500	0.207	214	17.000	3.312	13.688	15.64	O.T.	AL
DWS-207	2.690	0.343	643	5.250	2.744	2.506	256.50	O.T.	AI
DWS-4	2.750	0.187	96	4.500	1.080	3.420	28.00	O.T.	W
DWS-117	2.750	0.192	70	7.500	2.112	5.388	12.97	O.T.	AD
DWS-169	2.750	0.375	796	3.000	1.875	1.125	707.33	O.T.	AG
DWS-188	2.765	0.192	68	4.500	1.104	3.396	19.94	O.T.	AA
DWS-159	2.830	0.243	121	13.500	4.860	8.640	14.00	S.S.	AXK
DWS-129	2.875	0.283	242	11.875	4.528	7.347	32.89	S.S.	AXS
DWS-209	2.900	0.375	449	3.000	1.950	1.050	428.00	O.T.	AH
DWS-190	2.906	0.500	1935	13.000	8.500	4.500	430.04	O.T.	AW
DWS-184	2.965	0.283	315	3.625	1.486	2.139	147.06	O.T.	AF
DWS-157	3.000	0.375	491	3.500	2.250	1.250	392.90	O.T.	AI
DWS-236	3.020	0.500	2005	4.000	2.750	1.250	1604.00	O.T.	AP
DWS-116	3.125	0.312	222	4.000	2.184	1.816	122.39	O.T.	AG
DWS-163	3.130	0.312	221	4.000	2.184	1.816	121.74	O.T.	AG

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ENDS SQUARED & GROUND

Ends to be square within 3 degrees



Diamond Stock No.	Outside Dia.	Wire Dia.	Approx. Load at Solid	Free Length	Solid Ht.	Total Defl.	Spring Rate	Type of Material	Price Group
	In.	In.	Lb.	In.	In.	In.	Lb./In.		
DWS-105	3.156	0.562	1346	3.000	2.529	0.471	2857.63	S.S.	AXS
DWS-160	3.250	0.262	173	5.250	1.834	3.416	50.78	O.T.	AG
DWS-115	3.375	0.406	1316	7.250	2.842	4.408	298.48	O.T.	AL
DWS-47	3.406	0.625	2802	8.000	5.940	2.060	1360.00	O.T.	AXC
DWS-106	3.550	0.468	1519	6.500	3.276	3.224	471.11	O.T.	AR
DWS-203	3.620	0.245	149	13.000	2.756	10.244	14.56	O.T.	AO
DWS-113	3.750	0.375	568	4.750	2.063	2.688	211.27	O.T.	AK
DWS-122	3.870	0.394	617	9.250	3.448	5.803	106.26	S.S.	AU
DWS-111	3.875	0.312	248	17.625	4.836	12.789	19.40	S.S.	AW
DWS-187	3.906	0.562	2805	16.000	7.587	8.413	333.47	O.T.	AXL
DWS-204	3.945	0.437	804	4.940	2.491	2.449	328.21	O.T.	AL
DWS-204	3.945	0.437	739	4.950	2.580	2.370	312.00	O.T.	AL
DWS-8	4.750	0.468	813	16.250	6.090	10.160	80.00	O.T.	AXD
DWS-210	4.750	0.473	715	12.500	3.548	8.953	79.85	O.T.	AZ
DWS-192	5.250	0.312	413	13.500	1.638	11.862	34.81	O.T.	AP
DWS-162	5.630	0.283	129	6.000	1.203	4.797	26.81	O.T.	AH