

## Cold Drawn Seamless Stainless, Carbon & Alloy Steel Manufacturing Range

OUTSIDE DIAMETER			6.350	12.700	19.050	25.400	31.750	38.100	44.450	50.800	57.150	63.500	69.850	76.200	82.550	88.900	95.250	101.600	
WALL THICKNESS			1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	
Gauge	mm	inch																	
22 Swg	0.711	0.028	0.099	0.210	0.322	0.433	0.544	0.656	0.767	0.878	0.990	1.101							
22 Bwg	0.711	0.028	0.099	0.210	0.322	0.433	0.544	0.656	0.767	0.878	0.990	1.101							
21 Swg	0.813	0.032	0.111	0.238	0.366	0.493	0.620	0.748	0.875	1.002	1.130	1.257							
21 Bwg	0.813	0.032	0.111	0.238	0.366	0.493	0.620	0.748	0.875	1.002	1.130	1.257							
20 Swg	0.914	0.036	0.123	0.266	0.409	0.552	0.695	0.838	0.981	1.124	1.268	1.411	1.554						
20 Bwg	0.889	0.035	0.120	0.259	0.398	0.537	0.677	0.816	0.955	1.094	1.233	1.373	1.512						
19 Swg	1.016	0.040	0.134	0.293	0.452	0.611	0.770	0.929	1.088	1.247	1.406	1.566	1.725						
19 Bwg	1.067	0.042	0.139	0.306	0.473	0.640	0.807	0.974	1.142	1.309	1.476	1.643	1.810						
18 Swg	1.219	0.048	0.154	0.345	0.536	0.727	0.918	1.109	1.300	1.491	1.681	1.872	2.063	2.254	2.445	2.636	2.827		
18 Bwg	1.245	0.049	0.157	0.352	0.547	0.742	0.937	1.132	1.327	1.522	1.716	1.911	2.106	2.301	2.496	2.691	2.886		
17 Swg	1.422	0.056	0.173	0.396	0.618	0.841	1.064	1.286	1.509	1.732	1.954	2.177	2.400	2.622	2.845	3.068	3.290		
17 Bwg	1.473	0.058	0.179	0.414	0.649	0.884	1.118	1.353	1.588	1.823	2.057	2.292	2.527	2.762	2.996	3.176	3.466		
16 Swg	1.626	0.064	0.189	0.444	0.699	0.953	1.208	1.463	1.717	1.972	2.226	2.481	2.736	2.990	3.245	3.500	3.754	4.009	
16 Bwg	1.651	0.065	0.191	0.450	0.708	0.967	1.226	1.484	1.743	2.001	2.260	2.518	2.777	3.035	3.294	3.552	3.811	4.070	
15 Swg	1.829	0.072	0.204	0.490	0.777	1.063	1.350	1.636	1.922	2.209	2.495	2.782	3.068	3.355	3.641	3.927	4.214	4.500	
15 Bwg	2.032	0.072	0.204	0.535	0.777	1.063	1.350	1.636	1.922	2.209	2.495	2.782	3.068	3.355	3.641	3.927	4.214	4.500	
14 Swg	2.108	0.080	0.216	0.551	0.853	1.171	1.489	1.807	2.126	2.444	2.762	3.080	3.398	3.717	4.035	4.353	4.671	4.989	
14 Bwg	2.337	0.083	0.221	0.643	0.981	1.329	1.677	2.025	2.373	2.721	3.069	3.417	3.765	4.113	4.461	4.809	5.157	5.505	
13 Swg	2.413	0.092		0.612	0.963	1.329	1.695	2.061	2.427	2.793	3.159	3.525	3.891	4.257	4.623	4.989	5.355	5.721	
13 Bwg	2.642	0.095		0.655	0.990	1.368	1.746	2.124	2.502	2.879	3.257	3.635	4.013	4.391	4.769	5.147	5.525	5.902	
12 Swg	2.769	0.104		0.678	1.069	1.483	1.897	2.310	2.724	3.138	3.552	3.966	4.379	4.793	5.206	5.620	6.034	6.448	
12 Bwg	2.946	0.109		0.709	1.112	1.545	1.979	2.413	2.846	3.280	3.714	4.147	4.581	5.014	5.448	5.882	6.315	6.749	
11 Swg	3.048	0.116		0.726	1.170	1.631	2.093	2.554	3.015	3.477	3.938	4.399	4.861	5.322	5.783	6.245	6.706	7.167	
11 Bwg	3.251	0.120		0.758	1.203	1.680	2.157	2.635	3.112	3.589	4.067	4.544	5.021	5.499	5.976	6.453	6.931	7.408	
10 Swg	3.404	0.128		0.780	1.267	1.776	2.285	2.794	3.303	3.812	4.321	4.830	5.340	5.849	6.358	6.867	7.376	7.885	
10 Bwg	3.658	0.134		0.816	1.313	1.847	2.380	2.913	3.446	3.979	4.512	5.045	5.578	6.111	6.644	7.177	7.710	8.243	
9 Swg	3.759	0.144		0.829	1.389	1.961	2.534	3.107	3.680	4.253	4.826	5.398	5.971	6.544	7.117	7.690	8.263	8.836	
9 Bwg	4.064	0.148		0.866	1.418	2.006	2.595	3.183	3.772	4.361	4.949	5.538	6.127	6.715	7.304	7.893	8.481	9.070	
8 Swg	4.191	0.160		0.879	1.502	2.138	2.775	3.411	4.048	4.684	5.321	5.957	6.593	7.230	7.866	8.503	9.139	9.775	
8 Bwg	4.470	0.165			1.536	2.192	2.848	3.505	4.161	4.817	5.474	6.130	6.786	7.443	8.099	8.755	9.412	10.068	
7 Swg	4.470	0.176			1.607	2.307	3.007	3.707	4.407	5.107	5.807	6.507	7.207	7.907	8.607	9.307	10.007	10.707	
7 Bwg	4.572	0.180			1.632	2.348	3.064	3.780	4.496	5.212	5.928	6.644	7.360	8.076	8.792	9.508	10.224	10.940	
6 Swg	4.877	0.192			1.705	2.468	3.232	3.996	4.760	5.523	6.287	7.051	7.815	8.578	9.342	10.106	10.870	11.633	
6 Bwg	5.156	0.202			1.767	2.574	3.382	4.189	4.996	5.804	6.611	7.419	8.226	9.034	9.841	10.648	11.456	12.263	
5 Swg	5.385	0.212			1.815	2.658	3.501	4.345	5.188	6.031	6.875	7.718	8.561	9.404	10.248	11.091	11.934	12.778	
5 Bwg	5.588	0.220			1.855	2.730	3.605	4.480	5.356	6.231	7.106	7.981	8.856	9.731	10.606	11.481	12.356	13.231	
4 Swg	5.893	0.232			1.912	2.835	3.758	4.681	5.603	6.526	7.449	8.372	9.295	10.218	11.141	12.063	12.986	13.909	
4 Bwg	6.045	0.238			1.939	2.885	3.832	4.779	5.725	6.672	7.619	8.565	9.512	10.459	11.405	12.352	13.299	14.245	
3 Swg	6.401	0.252			1.997	2.999	4.002	5.004	6.006	7.009	8.011	9.014	10.016	11.018	12.021	13.023	14.026	15.028	
3 Bwg	6.579	0.259			2.023	3.054	4.084	5.114	6.144	7.175	8.205	9.235	10.266	11.296	12.326	13.356	14.387	15.417	
2 Swg	7.010	0.276				3.179	4.277	5.375	6.473	7.570	8.668	9.766	10.864	11.961	13.059	14.157	15.255	16.352	
2 Bwg	7.214	0.284				3.235	4.365	5.495	6.625	7.754	8.884	10.014	11.143	12.273	13.403	14.533	15.662	16.792	
1 Swg	7.620	0.300				3.341	4.535	5.728	6.921	8.114	9.308	10.501	11.694	12.888	14.081	15.274	16.467	17.661	
1 Bwg	7.620	0.300				3.341	4.535	5.728	6.921	8.114	9.308	10.501	11.694	12.888	14.081	15.274	16.467	17.661	
0 Swg	8.229	0.324				3.485	4.773	6.062	7.351	8.639	9.928	11.217	12.505	13.794	15.083	16.371	17.660	18.949	
0 Bwg	8.636	0.340				3.570	4.923	6.275	7.628	8.980	10.332	11.685	13.037	14.390	15.742	17.094	18.447	19.799	