



RELIABLE SOURCE INC.



**Custom.
Cost-effective.
Service.**

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This data is provided by RS for reference only.

DOM STEEL TUBING

DOM Tubing (Drawn over Mandrel) is a cold drawn 1020 to 1026 or ST52.3 grade electric resistance welded tube with all the flash removed prior to drawing to size. Cold drawing DOM to size allows for higher yield and tensile strengths. In comparison to other tubing, DOM is produced to more exact OD and ID tolerances. This allows for minimal machine time and has the highest weld strength possible.



- DOM tubing is made from 1020 / 1026 or ST52.3 Steel
- Meets ASTM A513 Type 5
- Stocked Size Range: 3/16" – 14" OD; .028" - .625" wall thickness
- DOM tubing is stocked in 17'-24' random lengths
- Cut to length service available
- Suitable to hone sizes
- Custom sizes available upon request
- All the common off road sizes available

BENEFITS OF DOM TUBING:

- Uniform wall thickness with close OD and ID tolerances
- Uniform grain structure and controlled hardness
- High Yield and Tensile Strength
- Smooth and Clean OD and ID surfaces
- OD and ID concentric
- Excellent machining characteristics

Reliable Source works with many mills around the globe so although we have provided a list of general available sizes through tooling we know is available we have access to other specialty sizes as well if the volume justifies the specialty aspect.

DOM STEEL TUBE REFERENCES	ASTM-A-513 TYPE 5 & 6 / SIZE RANGES & WEIGHT PER FOOT			WALL THICKNESS																				** Many other sizes and dies available from various mills. Please inquire for anything outside these parameters.									
				LBS / FT		INCH	0.065	0.079	0.083	0.095	0.118	0.120	0.125	0.157	0.180	0.188	0.197	0.236	0.250	0.276	0.313	0.315	0.354	0.375	0.394	0.438	0.500	0.563	0.591	0.625	0.750		
	FRAC	INCH	MM	1.65	2.00	2.11	2.41	3.00	3.05	3.18	4.00	4.57	4.78	5.00	6.00	6.35	7.00	7.95	8.00	9.00	9.53	10.00	11.13	12.70	14.30	15.00	15.88	19.05					
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	3/4	0.750	19.05	0.476	0.567	0.592	0.666	0.798	0.809	0.836	0.996	1.098	1.131																				
	13/16	0.813	20.65	0.520	0.620	0.648	0.730	0.878	0.890	0.920	1.102	1.219	1.257																				
	7/8	0.875	22.23	0.563	0.673	0.703	0.793	0.956	0.969	1.003	1.206	1.339	1.382	1.429	1.614	1.672																	
	15/16	0.937	23.80	0.606	0.725	0.758	0.856	1.034	1.049	1.086	1.310	1.458	1.507	1.560	1.770	1.838																	
	1	1.000	25.39	0.650	0.778	0.814	0.919	1.113	1.129	1.170	1.415	1.578	1.632	1.692	1.928	2.005	2.137	2.299															
	1 1/8	1.125	28.58	0.737	0.884	0.925	1.047	1.271	1.290	1.338	1.626	1.820	1.885	1.956	2.245	2.341	2.507	2.719															
	—	1.181	30.00	0.776	0.932	0.975	1.104	1.342	1.362	1.412	1.720	1.928	1.998	2.074	2.386	2.490	2.673	2.907															
	1 1/4	1.250	31.75	0.824	0.990	1.036	1.174	1.429	1.451	1.505	1.836	2.061	2.136	2.220	2.561	2.675	2.876	3.138	3.151	3.394	3.511												
	1 3/8	1.375	34.93	0.911	1.096	1.147	1.301	1.587	1.611	1.672	2.046	2.302	2.388	2.483	2.876	3.009	3.246	3.557	3.573	3.867	4.013												
	1 1/2	1.500	38.10	0.998	1.201	1.258	1.428	1.745	1.772	1.839	2.256	2.542	2.639	2.747	3.192	3.344	3.615	3.975	3.994	4.341	4.514												
	—	1.575	40.00	1.050	1.264	1.325	1.504	1.839	1.868	1.939	2.382	2.686	2.790	2.904	3.381	3.544	3.836	4.226	4.246	4.624	4.814	4.978	5.328	5.750									
	1 5/8	1.625	41.28	1.085	1.307	1.369	1.555	1.903	1.932	2.006	2.466	2.783	2.891	3.010	3.508	3.678	3.984	4.394	4.415	4.814	5.016	5.190	5.563	6.019									
	1 3/4	1.750	44.45	1.172	1.412	1.480	1.682	2.061	2.093	2.173	2.676	3.024	3.142	3.274	3.823	4.013	4.353	4.813	4.837	5.288	5.517	5.717	6.149	6.688									
	1 7/8	1.875	47.63	1.259	1.518	1.591	1.809	2.218	2.253	2.341	2.886	3.265	3.394	3.537	4.139	4.347	4.722	5.231	5.258	5.761	6.019	6.244	6.735	7.356									
	—	1.969	50.00	1.324	1.597	1.675	1.904	2.336	2.373	2.466	3.043	3.445	3.582	3.734	4.375	4.597	4.998	5.544	5.573	6.115	6.394	6.638	7.173	7.856									
	2	2.000	50.80	1.346	1.624	1.702	1.936	2.376	2.414	2.508	3.096	3.505	3.645	3.801	4.454	4.681	5.091	5.650	5.679	6.235	6.520	6.771	7.320	8.025									
	2 1/8	2.125	53.98	1.433	1.729	1.814	2.063	2.534	2.574	2.675	3.306	3.746	3.896	4.064	4.770	5.016	5.460	6.069	6.101	6.708	7.022	7.298	7.906	8.694	9.404	9.701	10.031						
	2 1/4	2.250	57.15	1.520	1.835	1.925	2.191	2.692	2.735	2.842	3.516	3.987	4.148	4.328	5.086	5.350	5.830	6.487	6.522	7.182	7.523	7.825	8.492	9.363	10.157	10.491	10.867						
	—	2.362	60.00	1.598	1.930	2.024	2.305	2.834	2.879	2.992	3.705	4.203	4.374	4.564	5.369	5.650	6.161	6.863	6.900	7.607	7.974	8.298	9.018	9.963	10.832	11.201	11.618						
	2 3/8	2.375	60.33	1.607	1.941	2.036	2.318	2.850	2.895	3.009	3.726	4.228	4.399	4.591	5.401	5.684	6.199	6.906	6.943	7.655	8.025	8.351	9.078	10.031	10.909	11.281	11.703						
	2 1/2	2.500	63.50	1.694	2.046	2.147	2.445	3.008	3.056	3.177	3.936	4.468	4.651	4.854	5.717	6.019	6.568	7.324	7.365	8.129	8.527	8.878	9.664	10.700	11.661	12.072	12.539	14.044					
	2 3/4	2.750	69.85	1.867	2.258	2.369	2.699	3.323	3.377	3.511	4.356	4.950	5.154	5.381	6.348	6.688	7.306	8.162	8.207	9.076	9.530	9.932	10.835	12.038	13.166	13.653	14.211	16.050					
	—	2.756	70.00	1.872	2.263	2.374	2.705	3.331	3.385	3.519	4.366	4.961	5.166	5.394	6.363	6.703	7.324	8.182	8.227	9.098	9.553	9.957	10.863	12.069	13.202	13.690	14.250	16.097					
	2 7/8	2.875	73.03	1.954	2.363	2.480	2.826	3.481	3.537	3.678	4.566	5.191	5.405	5.645	6.664	7.022	7.675	8.580	8.628	9.549	10.031	10.459	11.421	12.706	13.918	14.443	15.047	17.053					
	3	3.000	76.20	2.041	2.469	2.591	2.953	3.639	3.698	3.845	4.776	5.431	5.657	5.908	6.980	7.356	8.045	8.999	9.050	10.023	10.533	10.986	12.007	13.375	14.671	15.234	15.883	18.056					
	—	3.150	80.00		2.596	2.723	3.105	3.828	3.890	4.045	5.027	5.719	5.958	6.224	7.357	7.756	8.486	9.500	9.554	10.589	11.133	11.617	12.708	14.175	15.571	16.180	16.883	19.257					
	3 1/4	3.250	82.55		2.680	2.813	3.207	3.954	4.019	4.180	5.196	5.913	6.160	6.435	7.611	8.025	8.783	9.836	9.892	10.969	11.536	12.040	13.179	14.713	16.175	16.815	17.555	20.063					
	3 1/2	3.500	88.90		2.892	3.035	3.461	4.270	4.340	4.514	5.616	6.394	6.662	6.962	8.242	8.694	9.521	10.674	10.735	11.916	12.539	13.094	14.350	16.050	17.680	18.396	19.227	22.069					
	—	3.543	90.00		2.928	3.073	3.505	4.325	4.396	4.572	5.689	6.478	6.750	7.054	8.352	8.810	9.649	10.819	10.881	12.080	12.713	13.277	14.553	16.282	17.941	18.670	19.516	22.416					
	—	3.937	100.00		3.261	3.423	3.905	4.822	4.901	5.099	6.350	7.236	7.542	7.884	9.346	9.863	10.812	12.137	12.208	13.572	14.293	14.937	16.398	18.388	20.310	21.159	22.149	25.576					
	4	4.000	101.60		3.314	3.479	3.969	4.901	4.982	5.183	6.456	7.357	7.668	8.016	9.505	10.031	10.998	12.348	12.420	13.810	14.545	15.202	16.694	18.725	20.689	21.557	22.570	26.081					
	—	4.331	110.00			3.772	4																										