

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.

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															WALL THICKNESS			** M	any other si	izes and die	s available	from variou	ous mills. Please inquire for anything			g outside these parameters.		
00	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
E .	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															
2	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															
m	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												
<u> </u>	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										
迁	11/8	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										
<u>o</u>		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										
WEIGHT			 																2 454	2 204	2.544							
>	11/4	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							
•ర	11/2	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							
S	_	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				
Щ	15/8	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				
<u>o</u>	13/4	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				
RANGES	17/8	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				
Щ	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				
IZE	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	
တ	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	
9	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	
∞ ర	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
Ŋ	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
Ш			70.00				2.705				4.366							8.182			9.553				13.202			16.097
죠		2.756	-	1.872	2.263	2.374		3.331	3.385	3.519		4.961	5.166	5.394	6.363	6.703	7.324		8.227	9.098		9.957	10.863	12.069		13.690	14.250	
ΤΥΡ	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
က		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
7	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
J.	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
4		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
Σ		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		21.159	22.149	25.576
H	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
ASTM-A-51	<u> </u>	4.331	110.00		0.011		4.306	5.319	5.407	5.625	7.011	7.994		8.713	10.340	10.916	11.974	13.456	13.535		15.872	16.596	18.244		22.680	23.649	24.782	28.735
Q						3.772							8.333							15.063				20.494				
	41/2	4.500	114.30			3.923	4.478	5.533	5.624	5.852	7.296	8.320	8.674	9.070	10.767	11.369	12.474	14.023	14.106	15.704	16.552	17.310	19.037	21.400	23.699	24.719	25.914	30.094
		4.724	120.00			4.122	4.706	5.816	5.912	6.152	7.673	8.753	9.125	9.543	11.334	11.969	13.137	14.774	14.862	16.554	17.452	18.256	20.089	22.601	25.049	26.138	27.415	31.895
	5	5.000	127.00			4.367	4.986	6.164	6.266	6.520	8.136	9.283	9.680	10.124	12.030	12.706	13.951	15.697	15.791	17.598	18.558	19.418	21.380	24.075	26.708	27.881	29.258	34.106
		5.118	130.00						6.418	6.678	8.334	9.511	9.917	10.373	12.328	13.022	14.300	16.093	16.189	18.045	19.032	19.916	21.934	24.707	27.419	28.628	30.048	35.054
	5 1/2	5.500	139.70						6.908	7.189	8.976	10.246	10.686	11.178	13.293	14.044	15.428	17.372	17.476	19.492	20.564	21.526	23.724	26.750	29.718	31.043	32.602	38.119
	_	5.512	140.00						6.923	7.205	8.996	10.269	10.709	11.203	13.322	14.075	15.462	17.411	17.516	19.537	20.611	21.576	23.779	26.813	29.789	31.118	32.681	38.214
	_	5.906	150.00						7.429	7.731	9.657	11.027	11.501	12.033	14.317	15.128	16.625	18.730	18.843	21.028	22.191	23.235	25.624	28.919	32.158	33.607	35.313	41.373
	6	6.000	152.40						7.550	7.858	9.816	11.209	11.691	12.232	14.555	15.381	16.904	19.046	19.161	21.386	22.570	23.634	26.067	29.425	32.727	34.205	35.945	42.131
		6.299	160.00							1,000	10.318	11.786	12.293	12.863	15.311	16.182	17.788	20.048	20.170	22.519	23.771	24.895	27.469	31.026	34.528	36.097	37.946	44.532
	6 1/2	6.500	165.10								10.656	12.172	12.697	13.286	15.818	16.719	18.381	20.721	20.847	23.280	24.577	25.742	28.410	32.100	35.736	37.367	39.289	46.144
	_																											
ζ.	<u> </u>	6.693	170.00								10.980	12.544	13.085	13.693	16.305	17.235	18.950	21.367	21.497	24.011	25.351	26.555	29.314	33.132	36.897	38.587	40.579	47.692
only	7	7.000	177.80								11.496	13.135	13.703	14.340	17.080	18.056	19.857	22.395	22.532	25.174	26.583	27.850	30.753	34.775	38.746	40.529	42.633	50.156
õ		7.087	180.00									13.302	13.877	14.523	17.299	18.288	20.113	22.686	22.824	25.502	26.930	28.215	31.159	35.238	39.267	41.076	43.212	50.851
		7.480	190.00									14.060	14.669	15.352	18.293	19.341	21.276	24.004	24.151	26.993	28.510	29.874	33.005	37.345	41.637	43.566	45.845	54.011
ference	7 1/2	7.500	190.50									14.098	14.709	15.394	18.343	19.394	21.334	24.070	24.217	27.068	28.589	29.957	33.097	37.450	41.755	43.690	45.977	54.169
ē	_	7.874	200.00									14.819	15.461	16.182	19.288	20.394	22.438	25.323	25.478	28.484	30.090	31.534	34.850	39.451	44.006	46.056	48.478	57.170
Ę.	8	8.000	203.20									15.061	15.715	16.448	19.606	20.731	22.811	25.745	25.902	28.962	30.595	32.065	35.440	40.125	44.764	46.852	49.320	58.181
9		8.268	210.00											17.012	20.282	21.447	23.601	26.641	26.805	29.976	31.670	33.194		41.557	46.376	48.545	51.111	60.330
for	8 1/2	8.500	215.90											17.502	20.868	22.069	24.287	27.419	27.588	30.855	32.602	34.173	37.783	42.800	47.774	50.014	52.664	62.194
			220.00											17.842		22.501						34.854		43.664	48.745			63.489
RS		8.661	 												21.276		24.764	27.960	28.132	31.467	33.249		38.540			51.035	53.744	
	9	9.000	228.60											18.556	22.131	23.406	25.764	29.094	29.273	32.749	34.608	36.281	40.127	45.475	50.783	53.176	56.008	66.206
by		9.055	230.00											18.672	22.270	23.554	25.926		29.459	32.958	34.829	36.514		45.770		53.525	56.376	66.649
		9.449	240.00											19.502	23.264	24.607	27.089	30.597	30.786	34.449	36.409	38.173	42.230	47.876	53.485	56.014	59.009	69.808
Je Je	9 1/2	9.500	241.30											19.610	23.393	24.744	27.240	30.768	30.958	34.643	36.614	38.389	42.470	48.150	53.793	56.338	59.352	70.219
provided	_	9.843	250.00											20.332	24.258	25.660	28.252	31.915	32.113	35.941	37.988	39.833	44.075	49.982	55.854	58.504	61.642	72.967
0	10	10.000	254.00											20.664	24.656	26.081	28.717	32.443	32.643	36.537	38.620	40.497	44.813	50.825	56.802	59.500	62.695	74.231
		10.236	260.00												25.253	26.713	29.415	33.234	33.439	37.432	39.568	41.493	45.920	52.089	58.224	60.993	64.275	76.127
iS	10 1/2	10.500	266.70												25.919	27.419	30.194	34.117	34.329	38.431	40.627	42.605	47.157	53.500	59.811	62.662	66.039	78.244
ā	11	11.000	279.40												27.181	28.756	31.670	35.792	36.014	40.325	42.633	44.713	49.500	56.175	62.821	65.823	69.383	82.256
data	- ''-														27.161	28.819	31.740	35.792	36.093	40.323	42.728	44.812	49.611	56.301	62.963	65.973	69.541	82.446
0		11.024	280.00																									
This	11 1/2	11.500	292.10												28.444	30.094	33.147	37.466	37.699	42.219	44.639	46.821	51.843	58.850	65.830	68.985	72.727	86.269
1		11.811	300.00												29.229	30.926	34.065	38.508	38.747	43.397	45.887	48.132	53.301	60.514	67.702	70.952	74.807	88.765
	12	12.000	304.80												29.706	31.431	34.623	39.141	39.384	44.113	46.645	48.929	54.186	61.525	68.839	72.147	76.070	90.281

WALL THICKNESS

** Many other sizes and dies available from various mills. Please inquire for anything outside these parameters.