

DOM MECHANICAL COLD FINISHED STEEL TUBE

D.O.M. BEATS C.D.S.

Outside Diameter (mm)	Variation (mm)
4-30	±0.05
31-40	±0.08
41-50	±0.10
51-60	±0.13
61-70	±0.15
71-90	±0.20
91-120	±0.25
121-149	±0.35

Outside Diameter (mm)	Variation (mm)
150-153	±0.40
154-165	±0.40
166-178	±0.40

Wall Thickness
up to 8mm ±5%
8.1 to 15.88mm ±2.6%
Straightness 1:1000 or better to order

Chemical Composition	SAE 1026 (stress relieved)	DIN 2393 St. 37.2 BK	Equiv. seamless only Straight to 1.5 in 1000 BS6323 Pt 4 CFS 3 BK
Carbon	0.22/0.28	0.17 max	0.20 max
Manganese	0.60/0.90	-	0.60/1.00
Silicon	-	-	0.10/0.35
Phosphorus	0.040 max	0.025 max	0.050 max
Sulphur	0.050 max	0.025 max	0.050 max
Min Tensile	585 N/mm ²	490 N/mm ²	450 N/mm ²
Min yield	520 Nmm ²	392 N/mm ²	360 N/mm ²
Elongation Min.	15% (2")	6%	6%

Test Certificates available to DIN 50049

STOCK SIZES SPECIFICATION:

DIN2393 St37-2 BK

IMPERIAL SIZES

Outside Dia. mm	in	Wall Thickness mm	in	swg
6.35	0.250	0.91	0.036	20
6.35	0.250	1.22	0.048	18
6.35	0.250	1.63	0.064	16
7.94	0.312	1.22	0.048	18
7.94	0.312	1.63	0.064	16
9.52	0.375	0.91	0.036	20
9.52	0.375	1.22	0.048	18
9.52	0.375	1.63	0.064	16
11.10	0.437	1.63	0.064	16
12.70	0.500	1.22	0.048	18
12.70	0.500	1.63	0.064	16
12.70	0.500	2.03	0.080	14
12.70	0.500	2.64	0.104	12
12.70	0.500	3.25	0.128	10
15.88	0.625	1.22	0.048	18
15.88	0.625	1.63	0.064	16
15.88	0.625	2.03	0.080	14
15.88	0.625	2.64	0.104	12
15.88	0.625	3.25	0.128	10
15.88	0.625	4.06	0.160	8
17.46	0.687	1.63	0.064	16
19.05	0.750	1.22	0.048	18
19.05	0.750	1.63	0.064	16
19.05	0.750	2.03	0.080	14
19.05	0.750	2.64	0.104	12
19.05	0.750	3.25	0.128	10
19.05	0.750	4.06	0.160	8
19.05	0.750	4.88	0.192	6

Outside Dia. mm	in	Wall Thickness mm	in	swg
21.43	0.844	3.25	0.128	10
22.22	0.875	0.91	0.036	20
22.22	0.875	1.22	0.048	18
22.22	0.875	1.63	0.064	16
22.22	0.875	2.03	0.080	14
22.22	0.875	2.64	0.104	12
22.22	0.875	2.95	0.116	11
22.22	0.875	3.25	0.128	10
22.22	0.875	4.06	0.160	8
22.22	0.875	4.88	0.192	6
25.40	1.000	1.22	0.048	18
25.40	1.000	1.63	0.064	16
25.40	1.000	2.03	0.080	14
25.40	1.000	2.64	0.104	12
25.40	1.000	3.25	0.128	10
25.40	1.000	4.06	0.160	8
25.40	1.000	4.88	0.192	6
25.40	1.000	6.35	0.250	
26.99	1.062	3.25	0.128	10
26.99	1.062	4.06	0.160	8
28.58	1.125	1.22	0.048	18
28.58	1.125	1.63	0.064	16
28.58	1.125	2.03	0.080	14
28.58	1.125	2.64	0.104	12
28.58	1.125	3.25	0.128	10
28.58	1.125	4.06	0.160	8
28.58	1.125	4.88	0.192	6
28.58	1.125	6.35	0.250	
30.16	1.187	2.00	0.079	

Outside Dia. mm	in	Wall Thickness mm	in	swg
31.75	1.250	1.22	0.048	18
31.75	1.250	1.63	0.064	16
31.75	1.250	2.03	0.080	14
31.75	1.250	2.64	0.104	12
31.75	1.250	3.25	0.128	10
31.75	1.250	4.06	0.160	8
31.75	1.250	4.88	0.192	6
31.75	1.250	6.35	0.250	
33.34	1.313	1.63	0.064	16
33.34	1.313	2.03	0.080	14
33.34	1.313	2.64	0.104	12
33.34	1.313	3.25	0.128	10
33.34	1.313	4.06	0.160	8
33.34	1.313	4.88	0.192	6
34.13	1.344	3.25	0.128	10
34.13	1.344	4.06	0.160	8
34.92	1.375	1.63	0.064	16
34.92	1.375	3.25	0.128	10
34.92	1.375	4.06	0.160	8
34.92	1.375	4.88	0.192	6
34.92	1.375	6.35	0.250	
38.10	1.500	1.63	0.064	16
38.10	1.500	2.03	0.080	14
38.10	1.500	2.64	0.104	12
38.10	1.500	3.25	0.128	10
38.10	1.500	4.06	0.160	8
38.10	1.500	4.88	0.192	6
38.10	1.500	6.35	0.250	
38.10	1.500	7.94	0.312	
41.27	1.625	1.63	0.064	16