


# european tubes



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**european  
tubes ltd**

# SPECIAL NOTICE

To compliment our extensive stock range that follows, please be aware can can also source, on short lead times, the following specifications:

Cold drawn seamless: metric sizes to specification, DIN 2391 St 35 BK. Sizes from 6.0mm-250mm O.D. and 1.0mm-15mm wall.

Cold Drawn seamless: mild steel tubes for hydraulic and pneumatic purposes: To specifications BS 3602 Part 1 1987 CFS 360 Cat 2 and DIN 2391 ST 35.4 NBK. Sizes from 3/16" – 2" O.D. and 6.0mm-42mm O.D.

Cold Drawn welded: mild steel tubes to specification. BS6323 part 6 CEW 1 and 2 with finishes in BK and GBK. Sizes from 6.3-101.6mm O.D.

Hot finished seamless: Mechanical: Mild steel tube to specification  
DIN 1629/2448 1984 ST37.

Hot finished: seamless and welded: Mild steel pipes to specifications ASTM A106 grade B and API 5L grade B. Sizes from 1/4" NB – 36" NB with schedule walls from 5C upto XXS.

BS1387: Steam tube in self colour, black, red primer painted and galvanised in medium and heavy thickness. Sizes from 3/8" NB upto 6" NB with plain ends or screwed and socketed.

Welded: Mild Steel tube to specification, BS 6323 part 5 1982 ERW 1KM: Sizes from 3/8" – 6" O.D. and walls from 20swg (0.91mm) upto 8swg (4.06mm).

Boiler tubes to the following specifications. BS 3059 1987 part 1 steel 320 and 620. DIN 17175 ST 35.8 grade 1 and DIN 17175. 13 CRO M44.

European Tubes Limited is a well established stockholder and distributor in the supply of hot finished and cold drawn seamless, carbon steel tubes.

We offer a complete service, from the sound, technical knowledge of our sales team, through to the quality committed works and backed up with our own transport fleet, giving you the right product at the right price, at the right time.

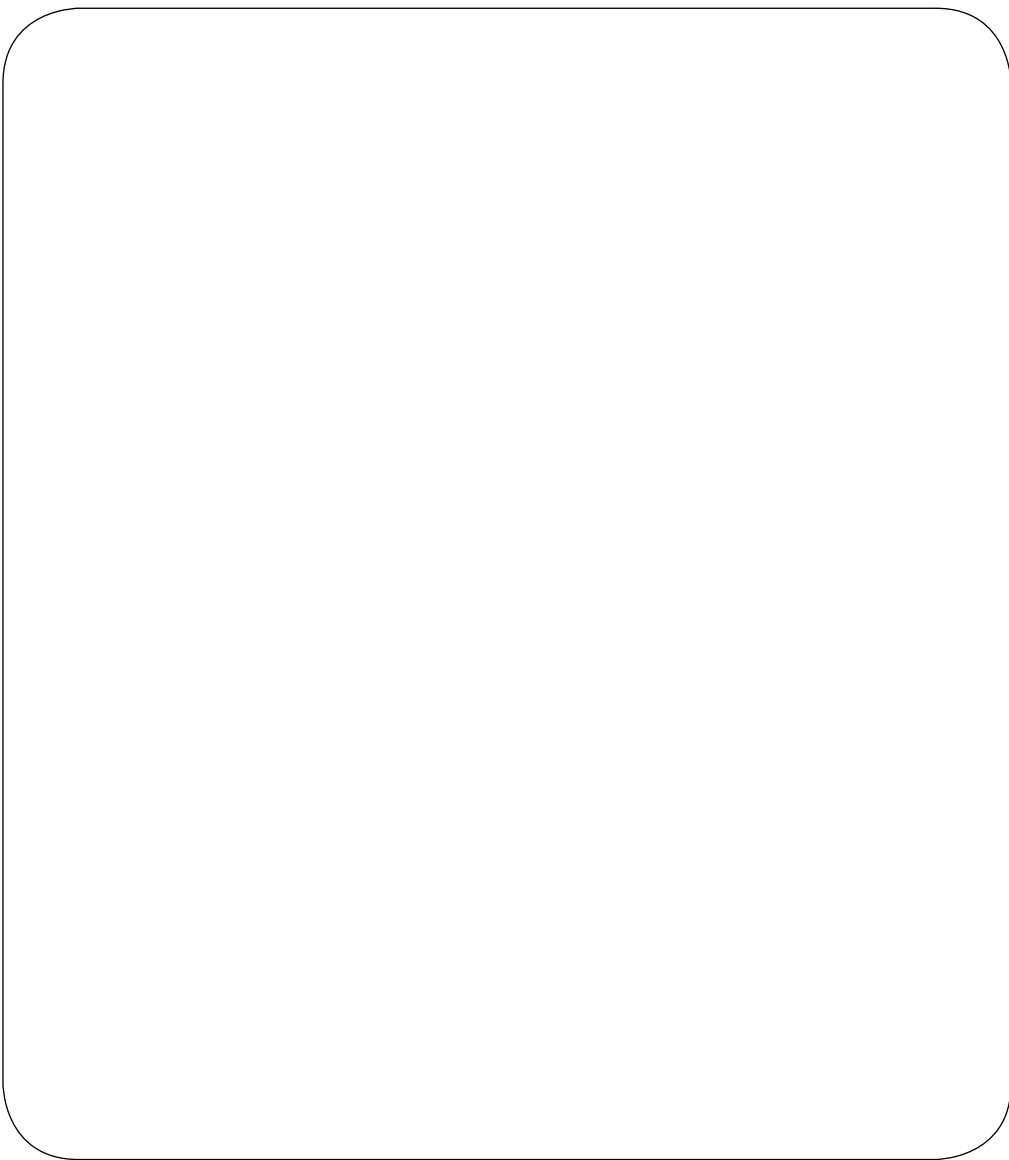
Although our stocks are comprehensive we welcome enquiries for any qualities or sizes not listed in this booklet. Our vast experience of sourcing goods from the European market together with our own stocks means a range of second to none.

Our tubes are generally stocked in random lengths. However, single or multiple precision cut lengths can be supplied to customer's requirements.

While our customer list includes some of the biggest names known in British industry it also contains many smaller firms. So whatever your requirement be it large or small try ETL for a friendly reliable service.



# NOTES



## Seamless mechanical steel tube

METRIC SIZES			IMPERIAL SIZES			WEIGHT KG/MTR	SPECIFICATION
O.D.	Wall	Bore	O.D.	Wall	Bore		
6.35	0.91	4.53	1/4	20s.w.g.	0.178	0.122	CDS
6.35	1.22	3.91	1/4	18s.w.g.	0.154	0.155	CDS
6.35	1.42	3.51	1/4	17s.w.g.	0.138	0.173	CDS
6.35	1.63	3.09	1/4	16s.w.g.	0.122	0.190	CDS
7.94	0.91	6.12	5/16	20s.w.g.	0.241	0.158	CDS
7.94	1.22	5.50	5/16	18s.w.g.	0.216	0.202	CDS
7.94	1.42	5.10	5/16	17s.w.g.	0.201	0.229	CDS
7.94	1.63	4.68	5/16	16s.w.g.	0.184	0.254	CDS
7.94	2.03	3.88	5/16	14s.w.g.	0.153	0.296	CDS
9.52	0.91	7.70	3/8	20s.w.g.	0.303	0.193	CDS
9.52	1.22	7.08	3/8	18s.w.g.	0.278	0.250	CDS
9.52	1.42	6.68	3/8	17s.w.g.	0.262	0.284	CDS
9.52	1.63	6.26	3/8	16s.w.g.	0.246	0.318	CDS
9.52	2.03	5.46	3/8	14s.w.g.	0.215	0.376	CDS
9.52	2.64	4.24	3/8	12s.w.g.	0.166	0.449	CDS
11.11	0.91	9.29	7/16	20s.w.g.	0.366	0.229	CDS
11.11	1.22	8.67	7/16	18s.w.g.	0.341	0.298	CDS
11.11	1.63	7.85	7/16	16s.w.g.	0.309	0.382	CDS
11.11	2.03	7.05	7/16	14s.w.g.	0.278	0.455	CDS
12.70	0.91	10.88	1/2	20s.w.g.	0.428	0.265	CDS
12.70	1.22	10.26	1/2	18s.w.g.	0.404	0.346	CDS
12.70	1.42	9.86	1/2	17s.w.g.	0.388	0.396	CDS
12.70	1.63	9.44	1/2	16s.w.g.	0.371	0.446	CDS
12.70	2.03	8.64	1/2	14s.w.g.	0.340	0.535	CDS
12.70	2.34	8.02	1/2	13s.w.g.	0.315	0.601	CDS
12.70	2.64	7.42	1/2	12s.w.g.	0.292	0.656	CDS
12.70	3.25	6.20	1/2	10s.w.g.	0.244	0.759	CDS
12.70	4.06	4.58	1/2	8s.w.g.	0.180	0.866	CDS
14.29	0.91	12.47	9/16	20s.w.g.	0.491	0.300	CDS
14.29	1.22	11.85	9/16	18s.w.g.	0.466	0.393	CDS
14.29	1.63	11.03	9/16	16s.w.g.	0.434	0.510	CDS
14.29	2.03	10.23	9/16	14s.w.g.	0.403	0.615	CDS

**Telephone 0845 06 22229/01942 615130 Remember, no minimum order charge!**

# Seamless mechanical steel tube

## METRIC SIZES IMPERIAL SIZES WEIGHT SPECIFICATION

METRIC SIZES		IMPERIAL SIZES		WEIGHT	SPECIFICATION		
O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR	
14.29	2.64	9.01	9/16	12s.wg	0.355	0.760	CDS
14.29	3.25	7.79	5/8	10s.wg	0.307	0.886	CDS
15.88	0.91	14.06	5/8	20s.wg	0.553	0.336	CDS
15.88	1.22	13.44	5/8	18s.wg	0.529	0.441	CDS
15.88	1.42	13.04	5/8	17s.wg	0.513	0.506	CDS
15.88	1.63	12.62	5/8	16s.wg	0.497	0.573	CDS
15.88	2.03	11.82	5/8	14s.wg	0.467	0.693	CDS
15.88	2.34	11.20	5/8	13s.wg	0.441	0.783	CDS
15.88	2.64	10.60	5/8	12s.wg	0.419	0.862	CDS
15.88	2.95	9.98	5/8	11s.wg	0.393	0.941	CDS
15.88	3.25	9.38	5/8	10s.wg	0.370	1.01	CDS
15.88	4.06	7.76	5/8	8s.wg	0.307	1.18	CDS
16.00	3.00	10.00				0.96	MCDS
17.46	0.91	15.64	11/16	20s.wg	0.616	0.373	CDS
17.46	1.22	15.02	11/16	18s.wg	0.591	0.489	CDS
17.46	1.63	14.20	11/16	16s.wg	0.560	0.637	CDS
17.46	2.03	13.40	11/16	14s.wg	0.527	0.773	CDS
17.46	2.64	12.18	11/16	12s.wg	0.479	0.966	CDS
17.46	3.25	10.96	11/16	10s.wg	0.431	1.140	CDS
19.00	3.00	13.00				1.18	MCDS
19.05	0.91	17.23	3/4	20s.wg	0.680	0.407	CDS
19.05	1.22	16.61	3/4	18s.wg	0.654	0.536	CDS
19.05	1.42	16.21	3/4	17s.wg	0.638	0.618	CDS
19.05	1.63	15.79	3/4	16s.wg	0.622	0.700	CDS
19.05	2.03	14.99	3/4	14s.wg	0.592	0.852	CDS
19.05	2.34	14.37	3/4	13s.wg	0.565	0.966	CDS
19.05	2.64	13.77	3/4	12s.wg	0.544	1.070	CDS
19.05	2.95	13.15	3/4	11s.wg	0.517	1.173	CDS
19.05	3.25	12.55	3/4	10s.wg	0.496	1.270	CDS
19.05	4.06	10.93	3/4	8s.wg	0.432	1.50	CDS
19.05	4.88	9.29	3/4	6s.wg	0.366	1.708	CDS
19.05	6.35	6.35	3/4	1/4	0.250	1.992	CDS
20.62	1.63	17.36	13/16	16s.wg	0.684	0.763	CDS
20.62	2.03	16.56	13/16	14s.wg	0.651	0.931	CDS

## METRIC SIZES IMPERIAL SIZES WEIGHT SPECIFICATION

METRIC SIZES		IMPERIAL SIZES		WEIGHT	SPECIFICATION		
O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR	
20.62	3.25	14.12	13/16	10s.wg	0.555	1.394	CDS
22.22	0.91	20.40	7/8	20s.wg	0.803	0.478	CDS
22.22	1.22	19.78	7/8	18s.wg	0.779	0.632	CDS
22.22	1.42	19.38	7/8	17s.wg	0.762	0.729	CDS
22.22	1.63	18.96	7/8	16s.wg	0.747	0.828	CDS
22.22	2.03	18.16	7/8	14s.wg	0.715	1.012	CDS
22.22	2.34	17.54	7/8	13s.wg	0.690	1.15	CDS
22.22	2.64	16.94	7/8	12s.wg	0.669	1.277	CDS
22.22	2.95	16.32	7/8	11s.wg	0.642	1.40	CDS
22.22	3.25	15.72	7/8	10s.wg	0.619	1.52	CDS
22.22	4.06	14.10	7/8	8s.wg	0.555	1.82	CDS
22.22	4.88	12.46	7/8	6s.wg	0.491	2.09	CDS
22.22	6.35	9.52	7/8	1/4	0.375	2.49	CDS
25.40	0.91	23.58	1	20s.wg	0.928	0.55	CDS
25.40	1.22	22.96	1	18s.wg	0.904	0.728	CDS
25.40	1.42	22.56	1	17s.wg	0.888	0.84	CDS
25.40	1.63	22.14	1	16s.wg	0.872	0.957	CDS
25.40	2.03	21.34	1	14s.wg	0.840	1.17	CDS
25.40	2.34	20.72	1	13s.wg	0.815	1.33	CDS
25.40	2.64	20.12	1	12s.wg	0.794	1.48	CDS
25.40	2.95	19.50	1	11s.wg	0.767	1.63	CDS
25.40	3.25	18.90	1	10s.wg	0.744	1.78	CDS
25.40	4.06	17.28	1	8s.wg	0.680	2.14	CDS
25.40	4.47	16.46	1	7s.wg	0.648	2.31	CDS
25.40	4.88	15.64	1	6s.wg	0.616	2.47	CDS
25.40	6.35	12.70	1	1/4	0.500	2.988	CDS
25.40	7.94	9.52	1	5/16	0.375	3.42	CDS
26.99	1.63	23.73	1 1/16	16s.wg	0.934	1.021	CDS
26.99	2.03	22.93	1 1/16	10s.wg	0.903	1.252	CDS
26.99	4.06	18.87	1 1/16	8s.wg	0.743	2.30	CDS
26.99	3.66	19.67	1 1/16	9s.wg	0.775	2.11	CDS
26.99	4.88	17.23	1 1/16	6s.wg	0.678	2.665	CDS
28.58	1.22	26.14	1 1/8	18s.wg	1.029	0.824	CDS

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# Seamless mechanical steel tube

## METRIC SIZES IMPERIAL SIZES WEIGHT SPECIFICATION

METRIC SIZES		IMPERIAL SIZES		WEIGHT	SPECIFICATION		
O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR	
28.58	1.63	25.32	1 1/8	16s.w.g	0.997	1.080	CDS
28.58	2.03	24.52	1 1/8	14s.w.g	0.967	1.33	CDS
28.58	2.64	23.30	1 1/8	12s.w.g	0.919	1.69	CDS
28.58	3.25	22.08	1 1/8	10s.w.g	0.871	2.03	CDS
28.58	4.06	20.46	1 1/8	8s.w.g	0.806	2.46	CDS
28.58	4.88	18.82	1 1/8	6s.w.g	0.741	2.85	CDS
28.58	6.35	15.88	1 1/8	1/4	0.625	3.48	CDS
30.00	5.00	20.00				3.08	MCDS
30.16	1.63	26.90	1 3/16	16s.w.g	1.059	1.15	CDS
30.16	2.03	26.10	1 3/16	14s.w.g	1.028	1.41	CDS
30.16	2.64	24.88	1 3/16	12s.w.g	0.980	1.80	CDS
30.16	4.88	20.40	1 3/16	6s.w.g	0.803	3.047	CDS
31.75	0.91	29.93	1 1/4	20s.w.g	1.178	0.692	CDS
31.75	1.22	29.31	1 1/4	18s.w.g	1.153	0.919	CDS
31.75	1.42	28.91	1 1/4	17s.w.g	1.138	1.06	CDS
31.75	1.63	28.48	1 1/4	16s.w.g	1.122	1.21	CDS
31.75	2.03	27.69	1 1/4	14s.w.g	1.092	1.49	CDS
31.75	2.64	26.47	1 1/4	12s.w.g	1.044	1.90	CDS
31.75	2.95	25.85	1 1/4	11s.w.g	1.017	2.10	CDS
31.75	3.25	25.25	1 1/4	10s.w.g	.996	2.28	CDS
31.75	4.06	23.63	1 1/4	8s.w.g	0.932	2.77	CDS
31.75	4.47	22.81	1 1/4	7s.w.g	0.898	3.01	CDS
31.75	4.88	21.99	1 1/4	6s.w.g	0.866	3.23	CDS
31.75	6.35	19.05	1 1/4	1/4	0.750	3.98	CDS
31.75	7.94	15.87	1 1/4	5/16	0.624	4.67	CDS
31.75	9.53	12.69	1 1/4	3/8	0.499	5.22	CDS
32.00	3.50	25.00				2.80	H.BAR
32.00	6.00	20.00				4.00	H.BAR
32.00	8.00	16.00				4.90	H.BAR
33.34	1.63	30.08	1 5/16	16s.w.g	1.183	1.27	CDS
33.34	3.25	26.84	1 5/16	10s.w.g	1.058	2.42	CDS
33.34	4.06	25.22	1 5/16	8s.w.g	0.992	2.93	CDS
34.13	3.25	27.63	1 11/32	10s.w.g	1.088	2.48	CDS
34.92	1.22	32.48	1 3/8	18s.w.g	1.278	1.01	CDS

## METRIC SIZES

## IMPERIAL SIZES WEIGHT SPECIFICATION

METRIC SIZES		IMPERIAL SIZES		WEIGHT	SPECIFICATION		
O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR	
34.92	1.63	31.66	1 3/8	16s.w.g	1.247	1.34	CDS
34.92	2.03	30.86	1 3/8	14s.w.g	1.214	1.65	CDS
34.92	2.34	30.24	1 3/8	13s.w.g	1.190	1.88	CDS
34.92	2.64	29.64	1 3/8	12s.w.g	1.166	2.10	CDS
34.92	3.25	28.42	1 3/8	10s.w.g	1.119	2.54	CDS
34.92	4.06	26.80	1 3/8	8s.w.g	1.057	3.09	CDS
34.92	4.88	25.16	1 3/8	6s.w.g	0.991	3.62	CDS
34.92	6.35	22.22	1 3/8	1/4	0.875	4.47	CDS
34.92	7.94	19.04	1 3/8	5/16	0.749	5.29	CDS
34.92	9.52	15.88	1 3/8	3/8	0.627	5.97	CDS
34.92	4.50	25.92	1 3/8	7s.w.g	1.02	3.38	CDS
36.00	4.00	28.00				3.60	H.BAR
36.00	5.50	25.00				4.40	H.BAR
36.00	8.00	20.00				5.70	H.BAR
36.00	10.00	16.00				6.60	H.BAR
38.10	1.22	35.66	1 1/2	18s.w.g	1.404	1.11	CDS
38.10	1.63	34.84	1 1/2	16s.w.g	1.372	1.47	CDS
38.10	2.03	34.04	1 1/2	14s.w.g	1.340	1.80	CDS
38.10	2.64	32.82	1 1/2	12s.w.g	1.294	2.31	CDS
38.10	2.95	32.20	1 1/2	11s.w.g	1.268	2.56	CDS
38.10	3.25	31.60	1 1/2	10s.w.g	1.246	2.79	CDS
38.10	4.06	29.98	1 1/2	8s.w.g	1.182	3.41	CDS
38.10	4.88	28.34	1 1/2	6s.w.g	1.116	4.00	CDS
38.10	6.35	25.40	1 1/2	1/4	1.00	4.97	CDS/HFS
38.10	7.92	22.26	1 1/2	5/16	0.878	5.89	CDS
38.10	9.52	19.06	1 1/2	3/8	0.752	6.71	CDS
38.10	12.70	12.70	1 1/2	1/2	0.500	7.96	CDS
39.69	2.03	35.63	1 9/16	14s.w.g	1.402	1.89	CDS
39.69	3.25	33.19	1 9/16	10s.w.g	1.306	2.93	CDS
39.69	4.88	29.93	1 9/16	6s.w.g	1.178	4.19	CDS
40.00	4.00	32.00				4.00	H.BAR
40.00	5.00	30.00				4.32	MCDS
40.00	6.00	28.00				5.30	H.BAR
40.00	7.50	25.00				6.20	H.BAR

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## METRIC SIZES IMPERIAL SIZES WEIGHT SPECIFICATION

METRIC SIZES		IMPERIAL SIZES		WEIGHT	SPECIFICATION		
O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR	
40.00	10.00	20.00	1 5/8	16s.w.g	1.497	7.60	MCDS/H.BAR
41.28	1.63	38.02	1 5/8	14s.w.g	1.465	1.59	CDS
41.28	2.03	37.22	1 5/8	12s.w.g	1.417	1.96	CDS
41.28	2.64	36.00	1 5/8	10s.w.g	1.371	2.52	CDS
41.28	3.25	34.78	1 5/8	8s.w.g	1.307	3.05	CDS
41.28	4.06	33.16	1 5/8	6s.w.g	1.241	4.39	CDS
41.28	4.88	31.52	1 5/8	1/4	1.126	5.47	CDS
41.28	6.35	28.58	1 5/8	5/16	1.00	6.54	CDS
41.28	7.94	25.40	1 5/8	3/8	0.877	7.46	CDS
41.28	9.52	22.24	1 5/8	1/2	0.746	8.20	CDS
44.45	1.63	41.19	1 3/4	16s.w.g	1.622	1.72	CDS
44.45	2.03	40.39	1 3/4	14s.w.g	1.592	2.12	CDS
44.45	2.64	39.17	1 3/4	12s.w.g	1.544	2.72	CDS
44.45	3.25	37.95	1 3/4	10s.w.g	1.496	3.30	CDS
44.45	4.06	36.33	1 3/4	8s.w.g	1.432	4.04	CSD
44.45	4.88	34.69	1 3/4	6s.w.g	1.366	4.75	CDS/HFS
44.45	6.35	31.75	1 3/4	1/4	1.250	5.97	CDS
44.45	7.94	28.57	1 3/4	5/16	1.125	7.16	CDS
44.45	9.52	25.41	1 3/4	3/8	1.00	8.20	CDS
44.45	12.70	19.05	1 3/4	1/2	0.750	9.96	CDS
45.00	4.50	36.00				5.00	H.BAR
45.00	6.50	32.00				6.50	H.BAR
45.00	8.50	28.00				7.90	H.BAR
45.00	12.50	20.00				10.20	H.BAR
47.62	1.63	44.36	1 7/8	16s.w.g	1.746	1.85	CDS
47.62	2.03	43.56	1 7/8	14s.w.g	1.714	2.29	CDS
47.62	2.64	42.34	1 7/8	12s.w.g	1.666	2.93	CDS
47.62	3.25	41.12	1 7/8	10s.w.g	1.621	3.56	CDS
47.62	4.06	39.50	1 7/8	8s.w.g	1.555	4.36	CDS
47.62	4.88	37.86	1 7/8	6s.w.g	1.491	5.14	CDS
47.62	6.35	34.92	1 7/8	1/4	1.375	6.46	CDS
47.62	7.94	31.74	1 7/8	5/16	1.251	7.78	CDS
47.62	9.52	28.58	1 7/8	3/8	1.127	8.95	CDS
48.30	4.00	40.30				4.38	BS3602
50.00	5.00	40.00				6.30	MCDS/H.BAR

## METRIC SIZES

## IMPERIAL SIZES WEIGHT SPECIFICATION

METRIC SIZES		IMPERIAL SIZES		WEIGHT	SPECIFICATION		
O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR	
50.00	7.00	36.00				8.30	H.BAR
50.00	9.00	32.00				9.60	H.BAR
50.00	12.50	25.00				11.80	H.BAR
50.80	0.91	48.98	2	20s.w.g	1.928	1.121	CDS
50.80	1.22	48.36	2	18s.w.g	1.903	1.491	CDS
50.80	1.63	47.54	2	16s.w.g	1.872	1.98	CDS
50.80	2.03	46.74	2	14s.w.g	1.842	2.44	CDS
50.80	2.64	45.52	2	12s.w.g	1.794	3.14	CDS
50.80	3.25	44.30	2	10s.w.g	1.746	3.81	CDS
50.80	4.06	42.68	2	8s.w.g	1.682	4.68	CDS
50.80	4.88	41.04	2	6s.w.g	1.616	5.53	CDS
50.80	6.35	38.10	2	1/4	1.500	6.96	CDS/HFS
50.80	7.92	34.96	2	5/16	1.378	8.38	CDS/HFS
50.80	9.52	31.76	2	3/8	1.252	9.69	CDS/HFS
50.80	12.70	25.40	2	1/2	1.00	11.95	CDS/HFS
53.98	1.63	50.72	2 1/8	16s.w.g	1.997	2.10	CDS
53.98	3.25	47.48	2 1/8	10s.w.g	1.871	4.07	CDS
53.98	4.88	44.22	2 1/8	6s.w.g	1.741	5.92	CDS
53.98	6.35	41.28	2 1/8	1/4	1.625	7.46	CDS
53.98	7.94	38.10	2 1/8	5/16	1.50	9.030	CDS
53.98	9.52	34.94	2 1/8	3/8	1.377	10.45	CDS
56.00	8.00	40.00				10.10	H.BAR
56.00	10.00	36.00				12.00	H.BAR
56.00	14.00	28.00				14.70	H.BAR
57.15	1.63	53.89	2 1/4	16s.w.g	2.121	2.230	CDS
57.15	2.03	53.09	2 1/4	14s.w.g	2.092	2.764	CDS
57.15	2.64	51.87	2 1/4	12s.w.g	2.044	3.55	CDS
57.15	2.95	51.25	2 1/4	11s.w.g	2.017	3.94	CDS
57.15	3.25	50.65	2 1/4	10s.w.g	1.996	4.32	CDS
57.15	4.88	47.39	2 1/4	6s.w.g	1.866	6.30	CDS
57.15	6.35	44.45	2 1/4	1/4	1.750	7.96	CDS/HFS
57.15	7.92	41.31	2 1/4	5/16	1.628	9.62	CDS/HFS
57.15	9.52	38.11	2 1/4	3/8	1.50	11.20	CDS/HFS
57.15	12.70	31.75	2 1/4	1/2	1.25	13.94	CDS/HFS

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# Seamless mechanical steel tube

## METRIC SIZES IMPERIAL SIZES WEIGHT SPECIFICATION

METRIC SIZES			IMPERIAL SIZES			WEIGHT	SPECIFICATION
O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR	
60.30	1.63	57.04	2 3/8	16g.w.g	2.247	2.36	CDS
60.30	3.25	53.80	2 3/8	10s.w.g	2.12	4.57	CDS
60.30	4.06	52.18	2 3/8	8s.w.g	2.057	5.63	CDS
60.30	4.50	51.30	2 3/8	7 s.w.g	2.020	6.20	BS3602/HFS
60.30	4.88	50.54	2 3/8	6s.w.g	1.990	6.68	CDS/BS3602/HFS
60.30	6.35	47.60	2 3/8	1/4	1.875	8.45	CDS/BS3602/HFS
60.30	7.94	44.42	2 3/8	5/16	1.750	10.24	CDS/HFS
60.30	9.52	41.26	2 3/8	3/8	1.627	11.94	CDS/HFS
60.30	12.70	34.93	2 3/8	1/2	1.375	14.93	CDS/HFS
63.00	6.50	50.00				9.50	H.BAR
63.00	9.00	45.00				12.50	H.BAR
63.00	11.50	40.00				15.20	H.BAR
63.00	13.50	36.00				17.00	H.BAR
63.00	15.50	32.00				18.40	H.BAR
63.50	1.63	60.24	2 1/2	16s.w.g	2.372	2.49	CDS
63.50	2.03	59.44	2 1/2	14s.w.g	2.340	3.080	CDS
63.50	2.64	58.22	2 1/2	12s.w.g	2.294	3.96	CDS
63.50	3.25	57.00	2 1/2	10s.w.g	2.246	4.83	CDS
63.50	4.06	55.38	2 1/2	8s.w.g	2.180	5.95	CDS
63.50	4.88	53.74	2 1/2	6s.w.g	2.116	7.07	CDS/HFS
63.50	6.35	50.80	2 1/2	1/4	2.00	8.95	CDS/HFS
63.50	7.94	47.62	2 1/2	5/16	1.875	10.90	CDS/HFS
63.50	9.52	44.46	2 1/2	3/8	1.752	12.70	CDS/HFS
63.50	12.70	38.10	2 1/2	1/2	1.500	15.9	CDS/HFS
63.50	16.00	31.5	2 1/2	5/8	1.240	18.77	HFS
66.68	1.63	63.42	2 5/8	16s.w.g	2.497	2.61	CDS
66.68	3.25	60.18	2 5/8	10s.w.g	2.371	5.08	CDS
66.68	4.88	56.92	2 5/8	6s.w.g	2.241	7.45	CDS
66.68	6.35	53.98	2 5/8	1/4	2.125	9.45	CDS
66.68	7.92	50.84	2 5/8	5/16	2.003	11.50	CDS
66.68	9.52	47.64	2 5/8	3/8	1.877	13.40	CDS
66.68	12.70	41.28	2 5/8	1/2	1.625	16.900	CDS
69.85	1.63	66.59	2 3/4	16s.w.g	2.622	2.74	CDS
69.85	2.64	64.57	2 3/4	12s.w.g	2.544	4.38	CDS
69.85	3.25	63.35	2 3/4	10s.w.g	2.496	5.34	CDS
69.85	4.06	61.73	2 3/4	8s.w.g	2.430	6.59	CDS

METRIC SIZES			IMPERIAL SIZES			WEIGHT	SPECIFICATION
O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR	
69.85	4.88	60.09	2 3/4	6s.w.g	2.366	7.81	CDS/HFS
69.85	6.35	57.15	2 3/4	1/4	2.250	9.94	CDS/HFS
69.85	7.92	54.01	2 3/4	5/16	2.128	12.10	CDS/HFS
69.85	9.52	50.81	2 3/4	3/8	2.00	14.20	CDS/HFS
69.85	12.70	44.45	2 3/4	1/2	1.750	17.90	CDS/HFS
69.85	16.00	37.85	2 3/4	5/8	1.49	21.30	HFS
71.00	5.50	60.00				10.10	H.BAR
71.00	7.50	56.00				12.50	H.BAR
71.00	10.50	50.00				16.40	H.BAR
71.00	13.00	45.00				19.30	H.BAR
71.00	15.50	40.00				21.90	H.BAR
71.00	17.50	36.00				23.60	H.BAR
73.02	1.63	69.76	2 7/8	16s.w.g	2.746	2.87	CDS
73.02	4.88	63.26	2 7/8	6s.w.g	2.491	8.21	CDS
73.02	6.35	60.32	2 7/8	1/4	2.375	10.46	CDS
73.02	7.94	57.14	2 7/8	5/16	2.250	12.76	CDS
73.02	9.52	53.98	2 7/8	3/8	2.125	14.9	CDS
73.02	12.70	47.62	2 7/8	1/2	1.875	18.9	CDS
75.00	7.50	60.00				13.60	H.BAR
75.00	9.50	56.00				16.40	H.BAR
75.00	12.50	50.00				20.30	H.BAR
75.00	15.00	45.00				23.10	H.BAR
75.00	17.50	40.00				25.70	H.BAR
76.20	1.63	72.94	3	16s.w.g	2.872	3.00	CDS
76.20	2.03	72.14	3	14s.w.g	2.840	3.710	CDS
76.20	2.64	70.92	3	12s.w.g	2.792	4.796	CDS
76.20	3.25	69.70	3	10s.w.g	2.746	5.85	CDS
76.20	4.06	68.08	3	8s.w.g	2.680	7.220	CDS
76.20	4.50	67.20	3	7s.w.g	2.646	7.97	BS3602/HFS
76.20	4.88	66.44	3	6s.w.g	2.616	8.60	CDS/HFS
76.20	5.40	65.40	3	5s.w.g	2.575	9.44	BS3602/HFS
76.20	6.35	63.50	3	1/4	2.50	10.96	CDS/HFS
76.20	7.92	60.36	3	5/16	2.378	13.360	CDS/HFS
76.20	9.52	57.16	3	3/8	2.252	15.70	CDS/HFS
76.20	12.70	50.80	3	1/2	2.00	19.90	CDS/HFS
76.20	16.00	44.20	3	5/8	1.74	23.80	HFS
76.20	19.00	38.20	3	3/4	1.504	26.80	HFS

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# Seamless mechanical steel tube

## METRIC SIZES

## IMPERIAL SIZES

## WEIGHT

## SPECIFICATION

METRIC SIZES		IMPERIAL SIZES			WEIGHT		SPECIFICATION	
O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR		
79.38	1.63	76.12	3 1/8	16s.w.g	2.996	3.13	CDS	
79.38	3.25	72.88	3 1/8	12s.w.g	2.871	6.10	CDS	
79.38	6.35	66.68	3 1/8	1/4	2.625	11.45	CDS	
80.00	6.50	67.00				13.20	H.BAR	
80.00	8.50	63.00				15.70	H.BAR	
80.00	12.00	56.00				20.90	H.BAR	
80.00	15.00	50.00				25.10	H.BAR	
80.00	17.50	45.00				27.70	H.BAR	
80.00	20.00	40.00				30.40	H.BAR	
82.55	1.63	79.29	3 1/4	16s.w.g	3.122	3.25	CDS	
82.55	2.64	77.27	3 1/4	12s.w.g	3.042	5.20	CDS	
82.55	3.25	76.05	3 1/4	10s.w.g	2.995	6.36	CDS	
82.55	4.88	72.79	3 1/4	6s.w.g	2.866	9.36	CDS	
82.55	6.35	69.85	3 1/4	1/4	2.75	11.95	CDS/HFS	
82.55	7.94	66.67	3 1/4	5/16	2.625	14.60	CDS/HFS	
82.55	9.52	63.51	3 1/4	3/8	2.50	17.10	CDS/HFS	
82.55	12.70	57.15	3 1/4	1/2	2.25	21.90	CDS/HFS	
82.55	16.0	50.55	3 1/4	5/8	2.00	26.30	HFS	
82.55	19.0	44.55	3 1/4	3/4	1.75	29.80	HFS	
85.00	7.50	70.00				15.20	H.BAR	
85.00	9.00	67.00				17.60	H.BAR	
85.00	12.0	61.00				22.50	H.BAR	
85.00	15.0	55.00				27.00	H.BAR	
85.00	17.5	50.00				29.90	H.BAR	
85.00	20.0	45.00				32.90	H.BAR	
85.72	3.25	79.22	3 3/8	10s.w.g	3.12	6.611	CDS	
85.72	4.88	75.96	3 3/8	6s.w.g	2.99	9.74	CDS	
85.72	6.35	73.02	3 3/8	1/4	2.875	12.40	CDS	
85.72	7.92	69.88	3 3/8	5/16	2.753	15.20	CDS	
88.9	1.63	85.64	3 1/2	16s.w.g	3.37	3.51	CDS	
88.9	2.64	83.62	3 1/2	12s.w.g	3.29	5.62	CDS	
88.9	3.25	82.40	3 1/2	10s.w.g	3.25	6.86	CDS	
88.9	4.06	80.78	3 1/2	8s.w.g	3.18	8.49	CDS	
88.9	4.88	79.14	3 1/2	6s.w.g	3.12	10.13	CDS/BS3602	
88.9	5.40	78.10	3 1/2	5s.w.g	3.075	11.14	BS3602/HFS	
88.9	6.35	76.20	3 1/2	1/4	3.00	12.9	CDS/BS3602/HFS	
88.9	7.94	73.02	3 1/2	5/16	2.87	15.9	CDS/HFS	

## METRIC SIZES

## IMPERIAL SIZES

## WEIGHT

## SPECIFICATION

METRIC SIZES		IMPERIAL SIZES			WEIGHT		SPECIFICATION	
O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR		
88.9	9.52	69.86	3 1/2	3/8	2.75	18.6	CDS/HFS	
88.9	11.11	66.68	3 1/2	7/16	2.63	21.3	HFS	
88.9	12.70	63.50	3 1/2	1/2	2.50	23.9	CDS/HFS	
88.9	16.0	56.9	3 1/2	5/8	2.25	28.8	HFS	
88.9	19.0	50.9	3 1/2	3/4	2.00	32.9	HFS	
90.0	5.00	80.00				10.48	M.CDS	
90.0	7.50	75.0				17.30	H.BAR	
90.0	9.50	71.0				20.20	H.BAR	
90.0	11.50	67.0				23.50	H.BAR	
90.0	13.50	63.0				26.70	H.BAR	
90.0	17.0	56.0				31.90	H.BAR	
90.0	20.0	50.0				35.80	H.BAR	
92.08	1.63	88.82	3 5/8	16s.w.g	3.50	3.64	CDS	
92.08	4.88	82.32	3 5/8	6s.w.g	3.24	10.48	CDS	
92.08	6.35	79.38	3 5/8	1/4	3.13	13.43	CDS	
92.08	7.94	76.17	3 5/8	5/16	3.00	16.50	CDS	
95.0	7.50	80.0				18.20	H.BAR	
95.0	10.0	75.0				22.20	H.BAR	
95.0	12.0	71.0				25.70	H.BAR	
95.0	13.0	69.0				27.40	H.BAR	
95.0	14.0	67.0				29.10	H.BAR	
95.0	16.0	63.0				32.30	H.BAR	
95.0	18.0	59.0				35.20	H.BAR	
95.0	19.50	56.0				37.30	H.BAR	
95.0	22.50	50.0				41.30	H.BAR	
95.25	3.25	88.75	3 3/4	10s.w.g	3.494	7.37	CDS	
95.25	4.88	85.49	3 3/4	6s.w.g	3.365	10.86	CDS	
95.25	6.35	82.55	3 3/4	1/4	3.250	13.90	CDS/HFS	
95.25	9.53	76.19	3 3/4	3/8	3.00	20.18	CDS/HFS	
95.25	12.7	69.85	3 3/4	1/2	2.75	25.90	HFS	
100.0	5.0	90.0				11.71	M.CDS	
100.0	7.50	85.0				19.30	H.BAR	

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# Seamless mechanical steel tube

## METRIC SIZES IMPERIAL SIZES WEIGHT SPECIFICATION

O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR	SPECIFICATION
100.0	10.0	80.0				23.50	H.BAR
100.0	12.50	75.0				28.20	H.BAR
100.0	14.50	71.0				32.00	H.BAR
100.0	18.50	63.0				38.30	H.BAR
100.0	22.0	56.0				43.60	H.BAR
101.6	1.63	98.34	4	16s.w.g	3.87	4.02	CDS
101.6	2.03	97.54	4	14s.w.g	3.84	5.00	CDS
101.6	2.64	96.32	4	12s.w.g	3.79	6.44	CDS
101.6	3.25	95.10	4	10s.w.g	3.75	7.88	CDS
101.6	4.06	93.48	4	8s.w.g	3.68	9.78	CDS
101.6	4.88	91.84	4	6s.w.g	3.62	11.66	CDS/HFS
101.6	6.35	88.90	4	1/4	3.50	14.90	CDS/HFS
101.6	7.92	85.76	4	5/16	3.38	18.30	CDS/HFS
101.6	9.52	82.56	4	3/8	3.25	21.60	CDS/HFS
101.6	12.70	76.20	4	1/2	3.00	27.80	CDS/HFS
101.6	16.0	69.6	4	5/8	2.75	33.8	HFS
101.6	19.0	63.6	4	3/4	2.50	38.7	HFS
101.6	25.0	51.6	4	1	2.00	47.2	HFS
106.0	8.00	90.0				21.90	H.BAR
106.0	10.5	85.0				26.10	H.BAR
106.0	13.0	80.0				31.20	H.BAR
106.0	15.5	75.0				35.90	H.BAR
106.0	17.5	71.0				39.50	H.BAR
106.0	21.5	63.0				46.10	H.BAR
106.0	25.0	56.0				51.00	H.BAR
107.95	3.25	101.45	4 1/4	10s.w.g	3.996	8.39	CDS
107.95	6.35	95.25	4 1/4	1/4	3.750	15.90	CDS/HFS
107.95	9.53	88.90	4 1/4	3/8	3.500	23.10	CDS/HFS
108	12.5	83.0	4 1/4	1/2	3.25	29.40	HFS
108	16	76.0	4 1/4	5/8	3.00	36.3	HFS
108	19	70.0	4 1/4	3/4	2.75	41.7	HFS
112	8.5	95.0				23.20	H.BAR
112	11.0	90.00				28.70	H.BAR
112	13.5	85.0				34.00	H.BAR

## METRIC SIZES IMPERIAL SIZES WEIGHT SPECIFICATION

O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR	SPECIFICATION
112	16.0	80.0				39.30	H.BAR
112	20.5	71.0				47.60	H.BAR
112	24.5	63.0				54.00	H.BAR
114.3	3.25	107.8	4 1/2	10s.w.g	4.246	8.90	CDS
114.3	5.00	104.30	4 1/2	6s.w.g	4.106	13.50	BS3602/HFS
114.3	5.40	103.50	4 1/2	5s.w.g	4.075	14.53	BS3602/HFS
114.3	6.35	101.6	4 1/2	1/4	4.00	16.90	CDS/HFS
114.3	8.0	98.3	4 1/2	5/16	3.870	21.0	HFS
114.3	9.53	95.24	4 1/2	3/8	3.750	24.62	CDS/HFS
114.3	12.7	88.90	4 1/2	1/2	3.50	31.80	CDS/HFS
114.3	16.0	82.3	4 1/2	5/8	3.25	38.80	HFS
114.3	19.0	76.3	4 1/2	3/4	3.00	44.70	HFS
114.3	25.0	64.3	4 1/2	1	2.53	55.15	HFS
118	9.0	100.0				27.50	H.BAR
118	11.5	95.0				31.50	H.BAR
118	14.0	90.0				37.40	H.BAR
118	16.5	85.0				43.00	H.BAR
118	19.0	80.0				48.20	H.BAR
118	23.5	71.0				56.30	H.BAR
118	27.5	63.0				62.70	H.BAR
120.65	6.35	107.97	4 3/4	1/4	4.25	17.90	CDS/HFS
120.65	8.0	104.60	4 3/4	5/16	4.125	22.26	HFS
120.65	9.52	101.60	4 3/4	3/8	4.00	26.10	CDS/HFS
120.65	12.70	95.25	4 3/4	1/2	3.75	33.80	CDS/HFS
120.65	19.00	82.65	4 3/4	3/4	3.25	47.70	HFS
125	9.5	106.0				30.80	H.BAR
125	12.5	100.0				36.30	H.BAR
125	15.0	95.0				42.60	H.BAR
125	17.5	90.0				48.40	H.BAR
125	22.5	80.0				58.80	H.BAR
125	27.0	71.0				67.10	H.BAR
127.0	3.25	120.50	5	10s.w.g	4.746	9.92	CDS
127.0	4.88	117.24	5	6s.w.g	4.616	14.72	CDS/HFS
127.0	6.35	114.30	5	1/4	4.50	18.90	CDS/HFS
127.0	9.53	107.94	5	3/8	4.25	27.61	CDS/HFS
127.0	12.7	101.6	5	1/2	4.00	35.80	CDS/HFS

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# Seamless mechanical steel tube

## METRIC SIZES IMPERIAL SIZES WEIGHT SPECIFICATION

O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR	SPECIFICATION
127.0	16.0	95.0	5	5/8	3.75	43.80	HFS
127.0	19.0	89.0	5	3/4	3.50	50.60	HFS
127.0	25.0	77.0	5	1	3.00	62.9	HFS
127.0	30.0	67.0	5		2.638	71.76	HFS
127.0	36.0	55.0	5		2.165	80.79	HFS
127.0	40.0	47.0	5		1.85	85.82	HFS
132.0	10.0	112.0				32.30	H.BAR
132.0	13.0	106.0				40.00	H.BAR
132.0	17.0	98.0				50.30	H.BAR
132.0	21.0	90.0				59.80	H.BAR
132.0	26.0	80.0				70.20	H.BAR
132.0	30.5	71.0				78.80	H.BAR
133.0	6.3	120.4	5 1/4	1/4	4.75	19.7	HFS
133.0	9.5	114.0	5 1/4	3/8	4.50	28.98	HFS
133.0	12.5	108.0	5 1/4	1/2	4.25	37.1	HFS
133.0	19.0	95.00	5 1/4	3/4	3.75	53.4	HFS
133.0	25.0	83.0	5 1/4	1	3.25	66.6	HFS
133.0	30.0	73.0	5 1/4		2.874	76.20	HFS
133.0	36.0	61.0	5 1/4		2.402	86.12	HFS
133.0	40.0	53.0	5 1/4		2.087	91.7	HFS
139.7	5.4	128.9	5 1/2	5s.w.g	5.075	17.9	HFS
139.7	6.35	127.0	5 1/2	1/4	5.000	20.90	HFS
139.7	8.0	123.0	5 1/2	5/16	4.870	26.0	HFS
139.7	9.5	120.7	5 1/2	3/8	4.752	30.5	HFS
139.7	12.5	114.7	5 1/2	1/2	4.516	39.20	HFS
139.7	16.0	107.7	5 1/2	5/8	4.240	48.8	HFS
139.7	19.0	101.7	5 1/2	3/4	4.000	56.6	HFS
139.7	25.0	89.7	5 1/2	1	3.532	70.7	HFS
139.7	30.0	79.7	5 1/2		3.138	81.29	HFS
139.7	36.0	67.7	5 1/2		2.665	92.21	HFS
139.7	40.0	59.7	5 1/2		2.351	98.35	HFS
140.0	11.0	118.0				37.20	H.BAR
140.0	14.0	112.0				45.60	H.BAR
140.0	17.0	106.0				54.20	H.BAR

## METRIC SIZES IMPERIAL SIZES WEIGHT SPECIFICATION

O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR	SPECIFICATION
140.0	20.0	100.0				61.80	H.BAR
140.0	25.0	90.0				73.90	H.BAR
140.0	30.0	80.0				83.50	H.BAR
146.0	9.5	127.0	5 3/4	3/8	5.00	32.0	HFS
146.0	12.5	121.0	5 3/4	1/2	4.75	41.20	HFS
146.0	20.0	106.0	5 3/4	3/4	4.173	62.25	HFS
146.0	25.0	96.0	5 3/4	1	3.78	74.60	HFS
146.0	30.00	86.0	5 3/4		3.386	85.82	HFS
146.0	36.0	74.0	5 3/4		2.913	97.66	HFS
146.0	40.0	66.0	5 3/4		2.598	104.56	HFS
150.0	9.0	132.0				33.40	H.BAR
150.0	12.5	125.0				45.10	H.BAR
150.0	16.0	118.0				55.20	H.BAR
150.0	22.0	106.0				72.50	H.BAR
150.0	27.5	95.0				85.70	H.BAR
150.0	35.0	80.0				102.10	H.BAR
152.4	3.25	145.90	6	10s.w.g	5.746	11.96	CDS
152.4	4.88	142.64	6	6s.w.g	5.62	17.78	CDS/HFS
152.4	6.35	139.7	6	1/4	5.500	22.87	CDS/HFS
152.4	9.5	133.4	6	3/8	5.25	33.50	HFS
152.4	12.70	127.0	6	1/2	5.00	43.75	CDS/HFS
152.4	16.0	120.4	6	5/8	4.75	53.80	HFS
152.4	19.0	114.4	6	3/4	4.50	62.50	HFS
152.4	25.0	102.4	6	1	4.032	78.5	HFS
152.4	30.0	92.4	6		3.638	90.56	HFS
152.4	36.0	80.4	6		3.165	103.34	HFS
152.4	40.0	72.4	6		2.85	111.05	HFS
159.0	9.5	140.0	6 1/4	3/8	5.50	35.0	HFS
159.0	12.5	134.0	6 1/4	1/2	5.276	45.20	HFS
159.0	19.0	121.0	6 1/4	3/4	4.75	65.6	HFS
159.0	25.0	109.0	6 1/4	1	4.291	82.62	HFS
159.0	30.0	99.0	6 1/4		3.898	95.44	HFS
159.0	36.0	87.0	6 1/4		3.425	109.20	HFS
159.0	40.0	79.0	6 1/4		3.11	117.39	HFS

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# Seamless mechanical steel tube

## METRIC SIZES IMPERIAL SIZES WEIGHT SPECIFICATION

METRIC SIZES		IMPERIAL SIZES			WEIGHT	SPECIFICATION
O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR
160.0	12.0	136.0				46.70
160.0	14.0	132.0				53.60
160.0	19.0	122.0				69.10
160.0	24.0	112.0				84.00
160.0	30.0	100.0				99.20
160.0	35.0	90.0				110.10
165.10	6.35	152.4	6 1/2	1/4	6.00	25.0
165.10	12.7	139.7	6 1/2	1/2	5.50	47.7
165.10	20.0	125.1	6 1/2	3/4	4.925	71.57
165.10	25.0	115.1	6 1/2	1	4.532	86.38
165.10	30.0	105.1	6 1/2		4.138	99.95
165.10	36.0	93.1	6 1/2		3.665	114.62
165.10	40.0	85.1	6 1/2		3.35	123.41
168.3	4.5	159.3	6 5/8	7s.w.g	6.273	18.2
168.3	5.0	158.3	6 5/8	6s.w.g	6.231	20.1
168.3	5.6	157.1	6 5/8	5s.w.g	6.185	22.5
168.3	6.3	155.7	6 5/8	1/4	6.125	25.2
168.3	8.0	152.3	6 5/8	5/16	6.00	31.6
168.3	10.0	148.3	6 5/8	3/8	5.838	39.0
168.3	12.5	143.3	6 5/8	1/2	5.642	48.0
168.3	16.0	136.3	6 5/8	5/8	5.375	60.1
168.3	19.0	130.3	6 5/8	3/4	5.125	70.0
168.3	25.0	118.3	6 5/8	1	4.657	88.3
168.3	30.0	108.30	6 5/8		4.264	102.32
168.3	36.0	96.3	6 5/8		3.791	117.46
168.3	40.0	88.3	6 5/8		3.476	126.56
170.0	12.5	145.0				51.70
170.0	15.0	140.0				61.20
170.0	20.0	130.0				77.40
170.0	26.0	118.0				96.20
170.0	30.0	110.0				107.00
170.0	35.0	100.0				120.10
177.8	6.3	165.20	7	1/4	6.50	26.6
177.8	9.5	159.0	7	3/8	6.25	39.4

## METRIC SIZES IMPERIAL SIZES WEIGHT SPECIFICATION

METRIC SIZES		IMPERIAL SIZES			WEIGHT	SPECIFICATION
O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR
177.8	12.5	153.0	7	1/2	6.00	51.0
177.8	19.0	139.80	7	3/4	5.50	74.4
177.8	25.0	128.0	7	1	5.00	94.2
177.8	30.0	117.8	7		4.638	109.35
177.8	36.0	105.8	7		4.165	125.89
177.8	40.0	97.8	7		3.85	135.93
180.0	12.5	155.0				55.00
180.0	15.0	150.0				65.10
180.0	20.0	140.0				82.50
180.0	27.5	125.0				107.70
180.0	34.0	112.0				126.20
180.0	40.0	100.0				141.20
190.0	12.5	165.0				63.50
190.0	15.0	160.0				69.10
190.0	20.0	150.0				88.80
190.0	22.0	146.0				95.60
190.0	29.0	132.0				121.70
190.0	36.0	118.0				141.10
190.0	42.0	106.0				160.30
191.0	10.0	171.0	7 1/2	3/8	6.732	44.64
191.0	12.5	166.0	7 1/2	1/2	6.535	55.03
191.0	16.0	159.0	7 1/2	5/8	6.26	69.05
191.0	20.0	151.0	7 1/2	3/4	5.945	84.34
191.0	25.0	141.0	7 1/2	1	5.551	102.35
191.0	30.0	131.0	7 1/2		5.158	119.12
191.0	36.0	119.0	7 1/2		4.685	137.61
191.0	40.0	111.0	7 1/2		4.37	148.96
193.7	5.6	182.5	7 5/8	5s.w.g.	7.185	26.0
193.7	6.3	181.1	7 5/8	1/4	7.125	29.1
193.7	8.0	177.7	7 5/8	5/16	7.00	36.6
193.7	10.0	173.7	7 5/8	3/8	6.838	45.3
193.7	12.5	168.7	7 5/8	1/2	6.625	55.9
193.7	16.0	161.7	7 5/8	5/8	6.366	70.1
193.7	19.0	155.7	7 5/8	3/4	6.125	81.9

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# Seamless mechanical steel tube

## METRIC SIZES IMPERIAL SIZES WEIGHT SPECIFICATION

METRIC SIZES		IMPERIAL SIZES			WEIGHT	SPECIFICATION	
O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR	
193.7	26.0	143.7	75/8	1	5.657	104.0	HFS
193.7	30.0	133.7	75/8		5.264	121.11	HFS
193.7	36.0	121.7	75/8		4.791	140.01	HFS
193.7	40.0	113.7	75/8		4.477	151.62	HFS
200.0	20.0	160.0				96.20	H.BAR
200.0	30.0	140.0				133.20	H.BAR
200.0	44.0	112.0				176.70	H.BAR
203.2	6.3	190.6	8	1/4	7.50	30.6	HFS
203.2	9.5	184.2	8	3/8	7.25	45.4	HFS
203.2	12.5	178.2	8	1/2	7.00	58.8	HFS
203.2	16.0	171.20	8	5/8	6.74	73.8	HFS
203.2	19.0	165.20	8	3/4	6.50	86.3	HFS
203.2	25.0	153.20	8	1	6.00	110.0	HFS
203.2	30.0	143.2	8		5.638	128.14	HFS
203.2	36.0	131.2	8		5.165	148.44	HFS
203.2	40.0	123.2	8		4.85	160.00	HFS
203.2	50.8	101.6	8	2	4.00	191.0	HFS
219.1	5.0	209.1	85/8	6s.w.g	8.231	26.4	HFS
219.1	5.6	207.9	85/8	5s.w.g	8.185	29.5	HFS
219.1	6.3	206.5	85/8	1/4	8.125	33.1	HFS
219.1	10.0	199.1	85/8	3/8	7.839	51.6	HFS
219.1	12.7	193.7	85/8	1/2	7.625	64.75	HFS
219.1	16.0	187.1	85/8	5/8	7.37	80.1	HFS
219.1	19.0	181.1	85/8	3/4	7.125	93.8	HFS
219.1	25.0	169.1	85/8	1	6.657	120.0	HFS
219.1	30.0	159.1	85/8		6.264	139.90	HFS
219.1	36.0	147.0	85/8		5.791	162.56	HFS
219.1	40.0	139.1	85/8		5.476	176.67	HFS
224.0	22.0	180.0				119.70	H.BAR
224.0	32.0	160.0				160.30	H.BAR
228.6	6.3	216.0	9	1/4	8.50	34.50	HFS
228.6	9.5	209.6	9	3/8	8.25	51.3	HFS
228.6	12.5	203.6	9	1/2	8.00	66.6	HFS
228.6	16.0	196.6	9	5/8	7.74	84.1	HFS

## METRIC SIZES IMPERIAL SIZES WEIGHT SPECIFICATION

METRIC SIZES		IMPERIAL SIZES			WEIGHT	SPECIFICATION	
O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR	
228.6	19.0	190.5	9	3/4	7.50	98.2	HFS
228.6	25.0	178.6	9	1	7.00	126.0	HFS
228.6	30.0	168.6	9		6.638	146.93	HFS
228.6	36.0	156.6	9		6.165	170.00	HFS
228.6	40.0	148.6	9		5.85	186.05	HFS
228.6	50.0	128.6	9	2	5.063	221.0	HFS
244.5	5.6	233.3	9 5/8	5s.w.g	9.185	33.0	HFS
244.5	6.3	231.9	9 5/8	1/4	9.130	37.06	HFS
244.5	10.0	224.5	9 5/8	3/8	8.875	57.80	HFS
244.5	12.5	219.5	9 5/8	1/2	8.625	71.50	HFS
244.5	16.0	212.5	9 5/8	5/8	8.366	90.20	HFS
244.5	19.0	206.5	9 5/8	3/4	8.125	106.0	HFS
244.5	25.0	194.5	9 5/8	1	7.625	135.0	HFS
244.5	30.0	184.5	9 5/8		7.264	158.70	HFS
244.5	36.0	172.50	9 5/8		6.791	185.11	HFS
244.5	50.0	144.5	9 5/8	2	5.689	240.0	HFS
250.0	25.0	200.0				151.20	H.BAR
250.0	35.0	180.0				196.70	H.BAR
254.0	6.3	241.4	10	1/4	9.50	38.5	HFS
254.0	9.5	235.0	10	3/8	9.25	57.3	HFS
254.0	12.5	229.0	10	1/2	9.00	74.4	HFS
254.0	16.0	222.0	10	5/8	8.74	93.9	HFS
254.0	19.0	216.0	10	3/4	8.50	110.00	HFS
254.0	25.0	204.0	10	1	8.00	141.0	HFS
254.0	30.0	194.0	10		7.638	165.73	HFS
254.0	36.0	182.0	10		7.165	193.54	HFS
254.0	40.0	174.0	10		6.85	211.10	HFS
254.0	50.8	152.4	10	2	6.00	255.0	HFS
267.0	10.0	247.0	10 1/2	3/8	9.724	63.38	HFS
267.0	12.5	242.0	10 1/2	1/2	9.528	78.45	HFS
267.0	16.0	235.0	10 1/2	5/8	9.252	99.04	HFS
267.0	20.0	227.0	10 1/2	3/4	8.937	121.83	HFS
267.0	25.0	217.0	10 1/2	1	8.543	149.20	HFS

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# Seamless mechanical steel tube

## METRIC SIZES IMPERIAL SIZES WEIGHT SPECIFICATION

METRIC SIZES		IMPERIAL SIZES			WEIGHT	SPECIFICATION
O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR
267.0	30.0	207.0	10 1/2		8.15	175.34
267.0	36.0	195.0	10 1/2		7.677	205.09
267.0	40.0	187.0	10 1/2		7.362	223.93
273.0	6.35	260.3	10 3/4	1/4	10.25	41.77
273.0	10.0	253.0	10 3/4	3/8	9.96	64.90
273.0	12.7	247.6	10 3/4	1/2	9.75	81.65
273.0	16.0	241.0	10 3/4	5/8	9.50	101.0
273.0	19.0	235.0	10 3/4	3/4	9.25	119.0
273.0	25.0	223.0	10 3/4	1	8.78	153.0
273.0	30.0	213.0	10 3/4		8.386	179.78
273.0	36.0	201.0	10 3/4		7.913	210.41
273.0	40.0	193.0	10 3/4		7.60	230.0
273.0	50.0	173.0	10 3/4	2	6.81	275.0
279.4	10.0	259.4	11	3/8	10.21	66.44
279.4	12.5	254.4	11	1/2	10.02	82.28
279.4	16.0	247.4	11	5/8	9.74	103.93
279.4	20.0	239.4	11	3/4	9.425	127.94
279.4	25.0	229.4	11	1	9.032	156.85
279.4	30.0	207.4	11		8.165	216.09
279.4	40.0	199.4	11		7.85	236.16
279.4	50.8	177.8	11	2	7.00	286.0
285.8	19.0	247.8	11 1/4	3/4	9.75	125.0
285.8	25.0	235.8	11 1/4	1	9.283	160.79
285.8	30.0	225.8	11 1/4		8.89	189.25
285.8	38.1	209.6	11 1/4	1 1/2	8.25	233.0
285.8	50.8	184.2	11 1/4	2	7.25	294.0
292.0	10.0	272.0	11 1/2	3/8	10.71	69.5
292.0	12.5	267.0	11 1/2	1/2	10.51	86.2
292.0	20.0	252.0	11 1/2	3/4	9.92	134.0
292.0	25.0	242.0	11 1/2	1	9.53	165.0
292.0	30.0	232.0	11 1/2		9.134	193.84
292.0	36.0	220.0	11 1/2		8.661	227.28
292.0	40.0	212.0	11 1/2		8.347	248.59
298.5	10.0	278.5	11 3/4	3/8	10.965	71.15

## METRIC SIZES IMPERIAL SIZES WEIGHT SPECIFICATION

METRIC SIZES		IMPERIAL SIZES			WEIGHT	SPECIFICATION
O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR
298.5	12.5	273.5	11 3/4	1 1/2	10.768	88.16
298.5	16.0	266.5	11 3/4	5/8	10.492	111.47
298.5	20.0	258.5	11 3/4	3/4	10.177	137.36
298.5	25.0	248.5	11 3/4	1	9.784	168.62
298.5	30.0	238.5	11 3/4		9.39	198.65
298.5	36.0	226.5	11 3/4		8.917	233.05
298.5	40.0	218.5	11 3/4		8.602	255.00
304.8	6.3	292.2	12	1/4	11.50	46.4
304.8	9.5	285.8	12	3/8	11.25	69.2
304.8	12.5	279.8	12	1/2	11.00	90.1
304.8	16.0	272.80	12	5/8	10.74	114.0
304.8	19.0	266.8	12	3/4	10.50	134.0
304.8	25.0	254.0	12	1	10.00	173.0
304.8	30.0	244.8	12		9.638	203.31
304.8	36.0	232.8	12		9.165	238.64
304.8	40.0	224.8	12		8.85	261.21
304.8	50.8	203.2	12	2	8.00	318.0
311.0	12.5	286.0	12 1/4	1/2	11.25	92.1
311.0	25.0	261.0	12 1/4	1	10.275	176.60
311.0	38.1	234.80	12 1/4	1 1/2	9.25	257.00
318.0	10.0	298.0	12 1/2	3/8	11.732	75.96
318.0	12.5	293.0	12 1/2	1/2	11.536	94.18
318.0	16.0	286.0	12 1/2	5/8	11.26	119.16
318.0	20.0	278.0	12 1/2	3/4	10.945	146.98
318.0	25.0	268.0	12 1/2	1	10.551	180.65
318.0	30.0	258.0	12 1/2		10.157	213.08
318.0	36.0	246.0	12 1/2		9.685	250.36
318.0	40.0	238.0	12 1/2		9.37	274.24
323.9	6.35	311.3	12 3/4	1/4	12.25	49.72
323.9	9.52	304.8	12 3/4	3/8	12.00	73.82
323.9	12.7	298.9	12 3/4	1/2	11.75	97.44
323.9	16.0	291.8	12 3/4	5/8	11.49	121.0
323.9	19.0	285.9	12 3/4	3/4	11.25	143.0
323.9	25.0	273.9	12 3/4	1	10.75	184.0

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# Seamless mechanical steel tube

## METRIC SIZES IMPERIAL SIZES WEIGHT SPECIFICATION

METRIC SIZES		IMPERIAL SIZES			WEIGHT	SPECIFICATION	
O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR	
323.9	30.0	263.9	12 3/4		10.39	217.44	HFS
323.9	36.0	251.9	12 3/4		9.917	255.60	HFS
323.9	40.0	243.8	12 3/4		9.60	280.0	HFS
323.9	50.0	223.8	12 3/4	2	8.81	338.0	HFS
330.2	12.5	305.2	13	1/2	10.016	97.94	HFS
330.2	16.0	298.2	13	5/8	11.74	123.98	HFS
330.2	20.0	290.2	13	3/4	11.425	153.00	HFS
330.2	25.0	280.2	13	1	11.031	188.17	HFS
330.2	30.0	270.2	13		10.638	222.10	HFS
330.2	36.0	258.2	13		10.165	261.19	HFS
330.2	40.0	250.2	13		9.85	286.27	HFS
330.2	50.8	228.6	13	2	9.00	350.0	HFS
342.9	10.0	322.9	13 1/2	3/8	12.713	82.10	HFS
342.9	12.5	317.9	13 1/2	1/2	12.516	101.85	HFS
342.9	16.0	310.9	13 1/2	5/8	12.24	128.99	HFS
342.9	20.0	302.9	13 1/2	3/4	11.925	159.26	HFS
342.9	25.0	292.9	13 1/2	1	11.50	196.3	HFS
342.9	30.0	282.9	13 1/2		11.138	231.50	HFS
342.9	36.0	270.9	13 1/2		10.665	272.47	HFS
342.9	40.0	262.9	13 1/2		10.35	298.80	HFS
342.9	50.0	242.9	13 1/2	2	9.56	361.00	HFS
355.6	9.52	336.56	14	3/8	13.25	81.28	HFS
355.6	12.7	330.6	14	1/2	13.00	107.38	HFS
355.6	16.0	323.6	14	5/8	12.74	134.0	HFS
355.6	19.0	317.5	14	3/4	12.50	158.08	HFS
355.6	25.0	305.6	14	1	12.00	204.0	HFS
355.6	36.0	283.6	14		11.638	240.89	HFS
355.6	40.0	275.6	14		11.165	283.75	HFS
355.6	50.8	254.0	14	2	10.85	311.0	HFS
368.0	10.0	348.0	14 1/2	3/8	13.7	88.29	HFS
368.0	12.5	343.0	14 1/2	1/2	13.504	109.59	HFS
368.0	16.0	336.0	14 1/2	5/8	13.228	138.89	HFS
368.0	20.0	328.0	14 1/2	3/4	12.913	171.64	HFS

## METRIC SIZES IMPERIAL SIZES WEIGHT SPECIFICATION

METRIC SIZES		IMPERIAL SIZES			WEIGHT	SPECIFICATION	
O.D.	Wall	Bore	O.D.	Wall	Bore	KG/MTR	
368.0	25.0	318.0	14 1/2	1	12.52	211.47	HFS
368.0	30.0	308.0	14 1/2		12.126	250.07	HFS
368.0	36.0	296.0	14 1/2		11.654	294.75	HFS
368.0	40.0	288.0	14 1/2		11.339	323.52	HFS
381.0	12.5	356.0	15	1/2	14.00	114.0	HFS
381.0	19.0	342.9	15	3/4	13.50	170.0	HFS
381.0	25.0	331.0	15	1	13.00	219.0	HFS
381.0	38.1	305.0	15	1 1/2	12.00	322.0	HFS
406.4	50.8	279.4	16	2	11.00	414.0	HFS
406.4	9.52	387.36	16	3/8	15.25	93.21	HFS
406.4	12.7	381.0	16	1/2	15.00	123.29	HFS
406.4	16.0	374.4	16	5/8	14.74	154.0	HFS
406.4	19.0	368.3	16	3/4	14.50	182.0	HFS
406.4	25.0	356.4	16	1	14.00	235.0	HFS
406.4	30.0	346.4	16		13.638	278.48	HFS
406.4	36.0	334.4	16		13.165	328.85	HFS
406.4	40.0	326.4	16		12.85	361.44	HFS
406.4	50.8	304.8	16	2	12.00	445.0	HFS
431.8	25.0	382	17	1	15.00	251.0	HFS
431.8	38.1	356.0	17	1 1/2	14.00	370.0	HFS
431.8	50.8	330.0	17	2	13.00	477.0	HFS
457.2	9.52	438.16	18	3/8	17.25	105.14	HFS
457.2	12.70	431.60	18	1/2	17.00	139.19	HFS
457.2	16.0	425.2	18	5/8	16.74	174.0	HFS
457.2	19.0	419.1	18	3/4	16.50	205.0	HFS
457.2	25.0	407.0	18	1	16.00	266.0	HFS
457.2	30.0	397.2	18		15.638	316.06	HFS
457.2	36.0	385.2	18		15.165	373.95	HFS
457.2	40.0	377.2	18		14.85	411.55	HFS
457.2	50.0	355.6	18	2	14.00	502.80	HFS

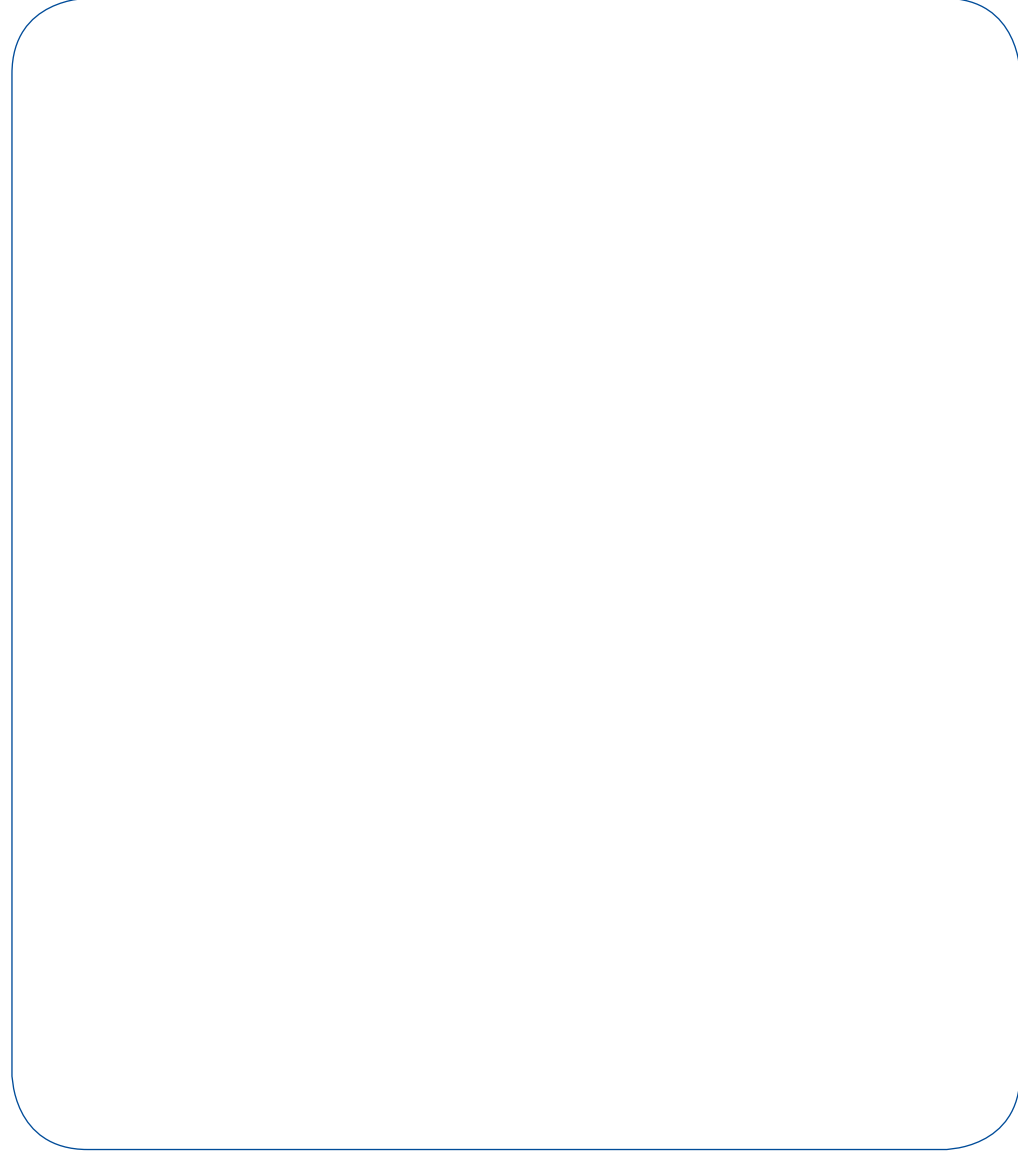
**Telephone 0845 06 22229/01942 615130 Remember, no minimum order charge!**

GRADE	Carbon	Manganese (max)	Phosphorus (max)	Sulphur (max)	Silicone	Tensile n/mm <sup>2</sup> (min)	Yield n/mm <sup>2</sup> (min)
AP15L GR B	0.27	1.15	0.040	0.050	-	414	2.41
A106 GR B	0.30	1.06	0.048	0.058	0.10	415	240
BS3602 430	0.21	1.20	0.035	0.035	0.35	430	255
EN10297-1 E355+AR	0.20	1.5	0.030	0.040	0.50	510	345
EN10297-1 E355K2	0.20	1.6	0.040	0.040	0.50	470	297
EN10305-1 E235+C	0.17	0.75	0.025	0.025	0.35	480	360
HB 470 AR	0.20	1.7	0.025	0.035	0.40	600	430

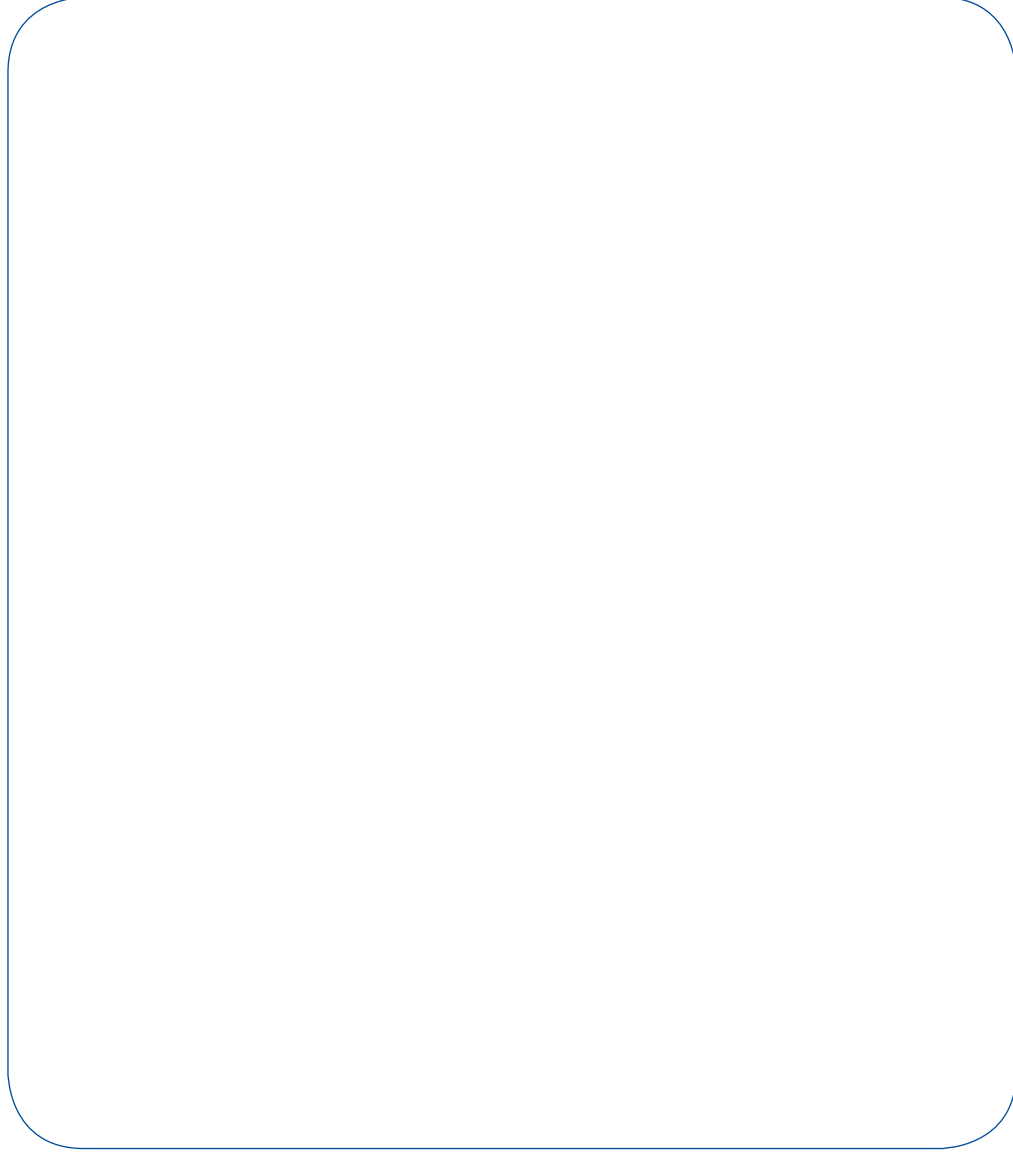
### FULL SPECIFICATIONS

1. CDS = COLD DRAWN SEAMLESS EN 10305-1 E235+C (FORMALLY BS6323 PART 4 1982 CFS 3BK)
2. MCDS = COLD FINISHED SEAMLESS DIN 2391 ST35BK
3. HFS = HOT FINISHED SEAMLESS EN 10297-1 E355+AR (FORMALLY DIN 1629/2448 ST52.0)
4. 3602 = HOT FINISHED SEAMLESS BS 3602/PART 1 1987 HFS 430
5. H.BAR = HOLLOW BAR HB470 AR

## NOTES



# NOTES



*Whilst care has been taken to ensure that all dimensions, weights and technical information contained within this booklet are correct at the time of publication, they are for your guidance only. Customers should satisfy themselves that the product offered is suitable for their requirements.*

