

932 Standard ASTM B505 Alloy Tubes

NOMINAL SIZE			WEIGHT
I.D.	x	O.D.	PER BAR
1/2	x	1	24
		1 1/8	32
		1 1/4	40
		1 3/8	48
		1 1/2	59
		1 3/4	80
		2	109
5/8	x	1	21
		1 1/8	28
		1 1/4	36
		1 3/8	45
		1 1/2	55
		1 3/4	79
		2	105
3/4	x	1	16
		1 1/8	24
		1 1/4	32
		1 3/8	41
		1 1/2	51
		1 5/8	62
		1 3/4	73
		2	99
		2 1/4	130
		2 1/2	161
		2 3/4	196
7/8	x	1 1/8	18
		1 1/4	27
		1 3/8	36
		1 1/2	46
		1 5/8	57
		1 3/4	70
		1 7/8	80
		2	94
		2 1/4	123
1	x	1 1/4	20
		1 3/8	30
		1 1/2	40
		1 5/8	51
		1 3/4	64
		1 7/8	75
		2	90
		2 1/8	105
		2 1/4	120
		2 3/8	133
		2 1/2	153
		2 3/4	188
		3	228
		3 1/4	267
		3 1/2	316
		4	427

NOMINAL SIZE			WEIGHT
I.D.	x	O.D.	PER BAR
1 1/8	x	1 3/8	23
		1 1/2	33
		1 5/8	43
		1 3/4	56
		1 7/8	69
		2	84
		2 1/8	95
		2 1/4	111
		2 1/2	142
		2 7/8	19
1 1/4	x	1 1/2	25
		1 5/8	37
		1 3/4	48
		1 7/8	62
		2	77
		2 1/8	91
		2 1/4	103
		2 1/2	136
		2 3/4	172
		3	216
		3 1/4	253
		3 1/2	300
		4	410
1 3/8	x	1 5/8	28
		1 3/4	40
		2	68
		2 1/8	82
		2 1/4	97
		2 3/8	113
		2 1/2	127
		2 5/8	148
		3	202
1 1/2	x	1 3/4	30
		2	58
		2 1/8	73
		2 1/4	88
		2 3/8	104
		2 1/2	121
		2 3/4	154
		3	196
		3 1/4	241
		3 1/2	283
		3 3/4	334
		4	396
		4 1/2	513

NOMINAL SIZE			WEIGHT
I.D.	x	O.D.	PER BAR
1 5/8	x	2	46
		2 1/8	63
		2 1/4	78
		2 3/8	93
		2 1/2	107
		2 5/8	125
		2 3/4	144
		3	184
1 3/4	x	2	35
		2 1/8	48
		2 1/4	67
		2 3/8	82
		2 1/2	100
		2 5/8	114
		2 3/4	136
		3	172
		3 1/4	216
		3 1/2	264
		3 3/4	310
		4	375
		4 1/4	430
1 7/8	x	2 1/4	51
		2 3/8	70
		2 1/2	85
		2 5/8	106
		2 3/4	126
		3	159
2	x	2 1/4	39
		2 3/8	56
		2 1/2	75
		2 5/8	92
		2 3/4	111
		2 7/8	127
		3	152
		3 1/4	192
		3 1/2	240
		3 3/4	288
		4	353
		4 1/2	426
		5	591
		5 1/2	747
		6	904
2 1/8	x	2 5/8	80
		2 3/4	93
		2 7/8	117
		3	138
		3 1/4	182
		3 1/2	226
		3 3/4	274

NOMINAL SIZE			WEIGHT
I.D.	x	O.D.	PER BAR
2 1/4	x	2 3/4	81
		2 7/8	103
		3	123
		3 1/8	140
		3 1/4	163
		3 1/2	211
		3 3/4	262
		4	325
		4 1/4	380
2 3/8	x	2 3/4	66
		2 7/8	87
		3	106
		3 1/4	146
		3 1/2	191
		3 3/4	241
		4	306
2 1/2	x	2 3/4	46
		3	92
		3 1/8	112
		3 1/4	135
		3 1/2	182
		3 3/4	227
		4	291
		4 1/4	343
		4 1/2	410
		4 3/4	466
		5	538
		5 1/2	692
		6	838
2 5/8	x	3 1/2	162
		3 3/4	207
2 3/4	x	3 1/4	96
		3 1/2	146
		3 3/4	194
		4	259
		4 1/4	325
		4 1/2	381
		4 3/4	431
		5 3/4	747
2 7/8	x	4	242
3	x	3 1/2	103
		3 3/4	157
		4	222
		4 1/4	281
		4 1/2	342
		4 3/4	395
		5	462

932 Standard ASTM B505 Alloy Tubes

NOMINAL SIZE		WEIGHT	
I.D.	x O.D.	PER BAR	
3	x 5 1/2	621	
	6	778	
	6 1/2	947	
	7	1135	
	8	1544	
3 1/4	x 3 3/4	111	
	4	181	
	4 1/4	238	
	4 1/2	290	
	4 3/4	354	
	5	420	
	5 1/2	580	
3 1/2	x 4	133	
	4 1/4	194	
	4 1/2	255	
	4 3/4	310	
	5	376	
	5 1/4	461	
	5 1/2	539	
	6	696	
	6 1/2	865	
3 3/4	x 4 1/2	204	
	4 3/4	262	
	5	328	
	5 1/2	490	
	6	647	
4	x 4 1/2	148	
	4 3/4	211	
	5	277	
	5 1/4	367	
	5 1/2	441	
	6	600	
	6 1/2	767	
	7	953	
	7 1/2	1153	
	8	1363	
	9	1821	
4 1/4	x 4 3/4	157	
	5	224	
	5 1/4	313	
	5 1/2	387	
	6	544	
	6 1/2	720	
4 1/2	x 5	165	
	5 1/2	331	
	6	487	
	6 1/2	657	
	7	842	
4 3/4	x 5 1/4	194	
	5 1/2	269	
	5 3/4	346	
	6	428	
	6 1/2	597	
	7	780	
5	x 5 1/2	205	
	5 3/4	284	
	6	363	
	6 1/2	535	
	7	720	
	7 1/2	915	
5	x 8	1125	
	9	1585	
	10	2158	

NOMINAL SIZE		WEIGHT	
I.D.	x O.D.	PER BAR	
5 1/4	x 7	660	
5 1/2	x 6	225	
	6 1/2	395	
	7	579	
	7 1/2	778	
	8	990	
5 3/4	x 6 1/4	230	
	6 3/4	412	
	7 1/4	603	
	7 1/2	703	
	8	928	
	8 1/2	1140	
6	x 6 1/2	242	
	6 3/4	334	
	7	427	
	7 1/4	523	
	7 1/2	625	
	8	837	
	8 1/2	1065	
	9	1300	
	10	1834	
	11	2404	
	12	3030	
6 1/2	x 7 1/4	361	
	7 1/2	460	
	8	674	
	8 1/2	900	
	9	1133	
	9 1/2	1406	
6 3/4	x 7 3/4	478	
7	x 7 3/4	390	
	8	493	
	8 1/2	721	
	9	954	
	9 1/2	1224	
	10	1487	
	11	2062	
	12	2693	
7 1/2	x 8 1/2	530	
	9	763	
	9 1/2	1033	
	10	1299	
	10 1/2	1581	
8	x 9	567	
	9 1/4	699	
	9 1/2	829	
	10	1094	
	10 1/2	1370	
	11	1664	
	12	2294	
	13	3026	
8 1/2	x 9 1/2	627	
	10	873	
	10 1/2	1157	
	11 1/2	1792	
9	x 10	661	
	10 1/4	782	
	10 1/2	928	
	11	1214	
	11 1/2	1518	
	12	1838	

NOMINAL SIZE		WEIGHT	
I.D.	x O.D.	PER BAR	
9 1/2	x 10 1/2	699	
	11	971	
	11 1/2	1276	
	12 1/2	1966	
10	x 11	803	
	11 1/2	1032	
	12	1333	
	13	2052	
	14	2783	
10 1/2	x 11 1/2	763	
	12	1066	
	12 1/2	1432	
	13	1878	
11	x 12	800	
	12 1/2	1167	
	13	1500	
	14	2228	
11 1/2	x 13	1203	
	13 1/2	1556	
	14 1/2	2322	
12	x 13 1/2	1257	
	14	1627	
	15	2409	
12 1/2	x 14	1297	
13	x 14 1/2	1392	
	15	1744	
13 1/2	x 15 1/2	1798	
14	x 15 1/2	1455	
	16	1901	

Solids

NOMINAL SIZE		WEIGHT	
O.D.		PER BAR	
1/2		8	
5/8		12	
3/4		18	
1/8		23	
1		30	
1 1/8		37	
1 1/4		46	
1 3/8		55	
1 1/2		65	
1 5/8		75	
1 3/4		85	
1 7/8		98	
2		113	
2 1/8		127	
2 1/4		141	
2 3/8		158	
2 1/2		175	
2 5/8		193	
2 3/4		211	
2 7/8		230	
3		249	
3 1/4		291	
3 1/2		340	
3 3/4		389	
4		449	
4 1/4		503	
4 1/2		565	
4 3/4		627	

Solids

NOMINAL SIZE		WEIGHT	
O.D.		PER BAR	
5		689	
5 1/4		758	
5 1/2		842	
6		999	
6 1/2		1168	
7		1653	
7 1/2		1552	
8		1756	
9		2215	
10		2724	
11		3302	
12		3970	
13		4627	

Squares and Rectangles

PLATE 144"			WEIGHT	
H	x W		PER BAR	
1/4	x 4		68	
		8	141	
		12	220	
3/8	x 4		92	
		8	187	
1/2	x 4		116	
		6	178	
		8	240	
		10	294	
		14	398	
5/8	x 4		140	
		8	282	
3/4	x 4		164	
		8	332	
		17	700	
1	x 2		103	
		3	154	
		4	212	
		8	430	
		10	528	
		20	1058	
1 1/4	x 4		260	
		8	523	
1 1/2	x 4		308	
		8	622	
1 3/4	x 4		356	
		8	718	
2	x 4		404	
		8	812	
		11	1111	
3	x 11		1634	
4	x 4		786	
		11	2145	
6	x 10		1876	
6 1/4	x 6 1/4		1907	
8	x 8		3061	

Squares and rectangles are supplied in 72" and 144" lengths only.

932 Standard ASTM B505 Alloy Tubes • Solids

NOMINAL I.D.	x	SIZE O.D.	WEIGHT PER BAR	NOMINAL I.D.	x	SIZE O.D.	WEIGHT PER BAR	NOMINAL I.D.	x	SIZE O.D.	WEIGHT PER BAR	NOMINAL I.D.	x	SIZE O.D.	WEIGHT PER BAR	
3/4	x	1 1/4	40	2	x	2 3/4	132	3 1/4	x	3 3/4	155	Solid	x	1/2	10	
		1 1/2	63			3	178			4	220	Solid	x	3/4	21	
		1 3/4	90			3 1/4	241			4 1/4	280	Solid	x	1	35	
		2	120			3 1/2	294			4 1/2	349	Solid	x	1 1/4	54	
7/8	x	1 1/4	35			3 3/4	340			5	514	Solid	x	1 1/2	76	
		1 1/2	50			4	413	3 1/2	x	4	167	Solid	x	1 5/8	89	
		1 3/4	77			4 1/2	542			4 1/4	230	Solid	x	1 3/4	102	
		2	107			5	708			4 1/2	298	Solid	x	2	132	
		2 1/4	141			6	1058			5	479	Solid	x	2 1/4	166	
		2 1/2	180	2 1/4	x	2 5/8	79			5 1/2	640	Solid	x	2 1/2	203	
		2 3/4	216			2 3/4	99			6	824	Solid	x	2 3/4	245	
		3	266			3	147	4	x	4 1/2	186	Solid	x	3	290	
		3 1/2	370			3 1/4	210			4 3/4	284	Solid	x	3 1/4	345	
		3 1/2	370			3 1/2	265			5	363	Solid	x	3 1/2	399	
		4	497			3 3/4	322			5 1/2	529	Solid	x	3 3/4	460	
1 1/4	x	1 3/4	60			4	380			6	746	Solid	x	4	519	
		2	91	2 1/2	x	3	110			7	1139	Solid	x	4 1/4	582	
		2 1/4	125			3 1/4	174			8	1625	Solid	x	4 1/2	651	
		2 1/2	163			3 1/2	229	4 1/4	x	5	284	Solid	x	4 3/4	713	
		2 3/4	200			3 3/4	290	4 1/2	x	5	246	Solid	x	5	809	
		3	253			4	343			5 1/4	314	Solid	x	5 1/2	970	
1 1/2	x	1 7/8	55			4 1/2	476			5 1/2	402	Solid	x	6	1179	
		2	70			4 3/4	555			6	617	Solid	x	6 1/2	1379	
		2 1/4	105			5	649			6 1/2	819	Solid	x	7	1563	
		2 1/2	143			6	995	5	x	5 1/2	262	Solid	x	8	2039	
		2 3/4	185	2 3/4	x	3 1/4	135			5 3/4	361	Solid	x	9	2568	
		3	231			3 1/2	188			6	478	Solid*	x	13	1392	
		3 1/2	344			3 3/4	267			6 1/2	652	Solid*	x	14	1611	
		3 3/4	389			4	315			7	892	Solid*	x	15	1841	
		4	450			4 1/4	369			8	1360					
1 3/4	x	2 1/8	64			4 1/2	438	5 1/2	x	6 1/2	523	955				
		2 1/4	80	3	x	3 1/2	146	6	x	7	561	Solid	x	1	35	
		2 1/2	118			3 3/4	205			x	8	1033	Solid	x	1 1/2	77
		2 3/4	161			4	266			9	1526	Solid	x	2	133	
		3	207			4 1/4	326	6 1/2	x	7 1/2	580	Solid	x	2 1/2	205	
		3 1/4	271			4 1/2	395	7	x	8	622	Solid	x	3	293	
		3 1/2	322			5	574			x	9	1150	Solid	x	3 1/2	404
		3 3/4	367			5 1/2	735					Solid	x	4	525	
		4	427			6	948					Solid*	x	13	1392	
2	x	2 3/8	71			7	1357					Solid*	x	14	1611	
		2 1/2	91									Solid*	x	15	1841	

* Standard lengths 144" and 72"

* Standard lengths 13", 26", 39"

* Weight listed is for 39"

* Static cast rough machined

954 Standard ASTM B505 Alloy

Rectangle Metric and Imperial

Imperial Sizes

Plate H x W	WEIGHT PER BAR
1/2 x 3	71
5/8 x 1 1/2	47
1 x 2 1/2	109
3	129
4	171
5	214
6	255
8	338

* Standard lengths 144" and 72"

Imperial Sizes

Plate H x W	WEIGHT PER BAR
20 MM x 50 MM	70
20 MM x 80 MM	110
20 MM x 100 MM	136
20 MM x 125 MM	169
20 MM x 160 MM	217

Imperial Sizes

Plate ID x W	WEIGHT PER BAR
Solid x 1 1/2	72
Solid x 2	124
Solid x 2 1/2	191
Solid x 3	273
Solid x 3 1/2	376
Solid* x 13	1392
Solid* x 14	1611
Solid* x 15	1841

* Standard lengths 13", 26", 39"

* Weight listed is for 39"

* Static cast rough machined

932 Standard ASTM B505 Alloy

Plates • Squares • Rectangles

Plate H x W	WEIGHT PER BAR
1/4 x 1	15
1 1/4	18
1 1/2	21
2	28
2 1/2	34
2 3/4	37
3	41
3 1/2	46
4	55
5	66
6	84
12	219
3/8 x 1	20
1 1/2	29
2	38
2 1/2	47
3	57
3 1/2	64
4	74
5	93
6	115
8	151
12	278
1/2 x 1/2	14
1	25
1 1/4	32
1 1/2	37
2	48
2 1/2	60
3	72
3 1/2	83
4	93

Plate H x W	WEIGHT PER BAR
1/2 x 5	117
6	145
8	189
10	275
12	337
5/8 x 1	31
1 1/2	45
2	59
2 1/2	72
3	86
4	115
5	142
6	174
8	230
3/4 x 3/4	27
1	36
1 1/2	53
2	69
2 1/2	85
3	102
3 1/2	119
4	134
5	165
6	204
8	269
12	455
1 x 1	46
1 1/4	58
1 1/2	68
1 3/4	78

Plate H x W	WEIGHT PER BAR
1 x 2	89
2 1/2	110
3	131
3 1/2	153
4	168
5	217
6	265
7	303
8	343
12	584
15	722
1 1/4 x 1 1/4	70
1 1/2	83
1 3/4	96
2	109
2 1/2	136
3	161
3 1/2	189
4	214
5	267
10	593
1 1/2 x 1 1/2	99
1 3/4	115
2	130
2 1/2	159
3	193
3 1/2	217
12	808

Plate H x W	WEIGHT PER BAR
1 1/2 x 4	255
5	314
6	382
1 3/4 x 2	151
2 1/2	187
3	224
4	287
5	358
6	443
2 x 2	170
2 1/2	211
3	252
4	333
6	497
10	889
12	1051
15	1319
2 1/2 x 2 1/2	259
3	314
4	414
5	515
6	619
12	1280
3 x 3	373
4	486
6	741
12	1516
3 1/2 x 12	1751
4 x 4	650
6 x 6	1440
4 x 15	2519

* Standard lengths 144" and 72"

863 Standard ASTM B505 Alloy Manganese Bronze High Tensile

NOMINAL SIZE				WEIGHT				NOMINAL SIZE				WEIGHT				NOMINAL SIZE				WEIGHT								
I.D.	x	O.D.	PER BAR	I.D.	x	O.D.	PER BAR	I.D.	x	O.D.	PER BAR	I.D.	x	O.D.	PER BAR	I.D.	x	O.D.	PER BAR	I.D.	x	O.D.	PER BAR	I.D.	x	O.D.	PER BAR	
1	x	1 1/2	51	2	x	2 3/4	136	3 1/2	x	4	172	Solid	x	1	37													
		2	109			3	182			4 1/4	240			1 1/2	79													
		2 1/2	183			3 1/2	306			4 3/4	401			2	137													
		3	273			4	427			5 1/2	650			2 1/2	205													
		4	512			5	729			4	x	4 1/2	193			3	301											
1 1/2	x	2	72			6	1119			5	379			3 1/2	414													
1 3/4	x	2 1/4	82	2 1/2	x	3	117			6	762			4	537													
2	x	2 1/4	53			3 1/2	242			5	x	6	483			4 1/2	685											
		2 1/2	95			3	x	3 1/2	155			7	914			5	841											
						4	282							6	1234													
						5	584																					

955 Standard ASTM B505 Alloy Tubes • Solids

Continuous Cast

NOMINAL I.D.	SIZE x	WEIGHT PER BAR	NOMINAL I.D.	SIZE x	WEIGHT PER BAR
Solid	x 1	35	Solid	x 2 1/2	205
Solid	x 1 1/2	77	Solid	x 3	293
Solid	x 2	133	Solid	x 3 1/2	404

STANDARD LENGTHS 144" AND 72"

Continuous Cast

NOMINAL I.D.	SIZE x	WEIGHT PER BAR	NOMINAL I.D.	SIZE x	WEIGHT PER BAR
Solid	x 13	3978			
Solid	x 14	4598			
Solid	x 15	4764*			

*95" LONG

STANDARD LENGTHS 105"