



SHANDONG UNION ALUMINIUM CO., LTD
FOCUS ON ALUMINIUM PRODUCTION

6082 ALUMINIUM BAR STOCK

STOCK GUIDE

A concise buying reference for 6082-T6 and 6082-T651 aluminium round bar. The guide aligns inch and millimetre dimensions with nominal unit weights so stock selection, estimating and enquiry preparation are faster and clearer.

IN THIS GUIDE

- 01 6082-T6 Aluminium Round Bar
- 04 6082-T651 Aluminium Round Bar



6082-T6 Aluminium Round Bar

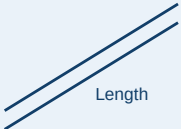
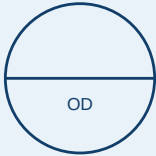
6082 ALUMINIUM BAR STOCK GUIDE

UNION AL

SPEC

ASTM B221 | ASTM B211 | EN 755 | AMS-QQ-A-200/8

DIMENSION REFERENCE



Imperial Unit		Unit Weight		International Unit	
OD/in	Length/in	Lbs/FT	Kg/m	OD/mm	Length/mm
0.591	236.220	0.321	0.477	15	6000
0.787	236.220	0.570	0.848	20	6000
0.984	236.220	0.891	1.325	25	6000
1.181	236.220	1.282	1.909	30	6000
1.378	236.220	1.746	2.598	35	6000
1.575	236.220	2.280	3.393	40	6000
1.772	236.220	2.886	4.294	45	6000
1.969	236.220	3.562	5.301	50	6000
2.165	236.220	4.311	6.415	55	6000
2.362	236.220	5.130	7.634	60	6000
2.441	118.110	5.478	8.151	62	3000
2.559	236.220	6.020	8.959	65	6000
2.677	158.661	6.589	9.806	68	4030
2.756	236.220	6.982	10.391	70	6000
2.953	236.220	8.015	11.928	75	6000
3.150	236.220	9.120	13.572	80	6000

Nominal stock data; confirm live availability, tolerances and certification when ordering.



6082-T6 Aluminium Round Bar

6082 ALUMINIUM BAR STOCK GUIDE

UNION AL

CONTINUED

Imperial Unit		Unit Weight		International Unit	
OD/in	Length/in	Lbs/FT	Kg/m	OD/mm	Length/mm
3.346	236.220	10.295	15.321	85	6000
3.543	236.220	11.542	17.177	90	6000
3.622	106.693	12.061	17.949	92	2710
3.740	236.220	12.860	19.138	95	6000
3.858	157.480	13.685	20.366	98	4000
3.937	236.220	14.250	21.206	100	6000
4.134	236.220	15.710	23.379	105	6000
4.331	236.220	17.242	25.659	110	6000
4.528	236.220	18.845	28.045	115	6000
4.724	236.220	20.519	30.536	120	6000
4.921	236.220	22.265	33.134	125	6000
5.118	236.220	24.082	35.838	130	6000
5.315	236.220	25.970	38.647	135	6000
5.512	236.220	27.929	41.563	140	6000
5.709	236.220	29.960	44.585	145	6000
5.906	236.220	32.062	47.713	150	6000
6.102	236.220	34.235	50.947	155	6000
6.299	236.220	36.479	54.287	160	6000
6.496	236.220	38.795	57.733	165	6000
6.693	236.220	41.181	61.285	170	6000
6.890	236.220	43.639	64.943	175	6000
7.087	236.220	46.169	68.707	180	6000
7.283	236.220	48.769	72.577	185	6000
7.480	236.220	51.441	76.553	190	6000
7.677	236.220	54.184	80.635	195	6000
7.874	236.220	56.998	84.823	200	6000
8.268	236.220	62.841	93.517	210	6000

Nominal stock data; confirm live availability, tolerances and certification when ordering.



6082-T6 Aluminium Round Bar

6082 ALUMINIUM BAR STOCK GUIDE

UNION AL

CONTINUED

Imperial Unit		Unit Weight		International Unit	
OD/in	Length/in	Lbs/FT	Kg/m	OD/mm	Length/mm
8.661	236.220	68.968	102.636	220	6000
9.055	236.220	75.380	112.178	230	6000
9.449	236.220	82.078	122.145	240	6000
9.843	236.220	89.060	132.536	250	6000
10.236	236.220	96.327	143.351	260	6000
10.630	236.220	103.880	154.590	270	6000
11.024	236.220	111.717	166.253	280	6000
11.417	236.220	119.839	178.340	290	6000
11.811	236.220	128.246	190.852	300	6000
12.205	236.220	136.939	203.787	310	6000
12.598	236.220	145.916	217.147	320	6000
12.992	236.220	155.178	230.931	330	6000
13.386	236.220	164.725	245.138	340	6000
13.780	236.220	174.557	259.770	350	6000
14.173	236.220	184.675	274.827	360	6000
14.567	236.220	195.077	290.307	370	6000
14.961	236.220	205.764	306.211	380	6000
15.354	236.220	216.736	322.539	390	6000
15.748	236.220	227.993	339.292	400	6000
16.142	236.220	239.536	356.469	410	6000
16.535	236.220	251.363	374.069	420	6000

Ordering & service notes

- Standard 3 m, 4 m and 6 m bar lengths can be discussed by diameter, section and live mill or warehouse availability.
- Cut-to-length sawing, straightening, polishing and milling support can be coordinated for ready-to-machine supply.
- Prototype and small-lot enquiries are welcome; each lead time is confirmed after stock, tolerance and inspection needs are reviewed.
- Consolidated specifications and scheduled volume demand can be quoted with project-based commercial terms.
- Unit weights are nominal calculations; final packing and invoiced weights may vary within applicable dimensional tolerances.

Nominal stock data; confirm live availability, tolerances and certification when ordering.



6082-T651 Aluminium Round Bar

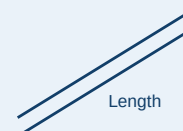
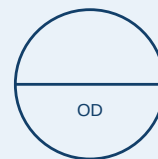
6082 ALUMINIUM BAR STOCK GUIDE

UNION AL

SPEC

ASTM B221 | ASTM B211 | EN 755 | AMS-QQ-A-200/8

DIMENSION REFERENCE



Imperial Unit		Unit Weight		International Unit	
OD/in	Length/in	Lbs/FT	Kg/m	OD/mm	Length/mm
0.591	236.220	0.321	0.477	15	6000
0.787	157.480	0.570	0.848	20	4000
0.984	157.480	0.891	1.325	25	4000
1.181	98.425	1.282	1.909	30	2500
1.378	236.220	1.746	2.598	35	6000
1.575	236.220	2.280	3.393	40	6000
1.772	196.850	2.886	4.294	45	5000
1.969	155.906	3.562	5.301	50	3960
2.165	236.220	4.311	6.415	55	6000
2.362	165.354	5.130	7.634	60	4200
2.559	236.220	6.020	8.959	65	6000
2.756	236.220	6.982	10.391	70	6000
2.953	236.220	8.015	11.928	75	6000
3.150	157.480	9.120	13.572	80	4000
3.346	236.220	10.295	15.321	85	6000
3.543	157.480	11.542	17.177	90	4000
3.740	236.220	12.860	19.138	95	6000
3.937	155.118	14.250	21.206	100	3940
4.134	236.220	15.710	23.379	105	6000
4.331	173.228	17.242	25.659	110	4400
4.528	236.220	18.845	28.045	115	6000

Nominal stock data; confirm live availability, tolerances and certification when ordering.



6082-T651 Aluminium Round Bar

6082 ALUMINIUM BAR STOCK GUIDE

UNION AL

CONTINUED

Imperial Unit		Unit Weight		International Unit	
OD/in	Length/in	Lbs/FT	Kg/m	OD/mm	Length/mm
4.724	236.220	20.519	30.536	120	6000
4.921	236.220	22.265	33.134	125	6000
5.118	157.480	24.082	35.838	130	4000
5.315	236.220	25.970	38.647	135	6000
5.512	236.220	27.929	41.563	140	6000
5.709	236.220	29.960	44.585	145	6000
5.906	236.220	32.062	47.713	150	6000
6.102	236.220	34.235	50.947	155	6000
6.299	125.984	36.479	54.287	160	3200
6.496	236.220	38.795	57.733	165	6000
6.693	125.984	41.181	61.285	170	3200
6.890	236.220	43.639	64.943	175	6000
7.087	126.378	46.169	68.707	180	3210
7.283	236.220	48.769	72.577	185	6000
7.480	177.165	51.441	76.553	190	4500
7.677	236.220	54.184	80.635	195	6000
7.874	236.220	56.998	84.823	200	6000
8.268	125.984	62.841	93.517	210	3200
8.661	165.354	68.968	102.636	220	4200
9.055	236.220	75.380	112.178	230	6000
9.449	137.795	82.078	122.145	240	3500
9.843	236.220	89.060	132.536	250	6000
10.236	137.795	96.327	143.351	260	3500
10.630	125.984	103.880	154.590	270	3200
11.024	157.874	111.717	166.253	280	4010
11.417	114.173	119.839	178.340	290	2900
11.811	236.220	128.246	190.852	300	6000

Nominal stock data; confirm live availability, tolerances and certification when ordering.



6082-T651 Aluminium Round Bar

6082 ALUMINIUM BAR STOCK GUIDE

UNION AL

CONTINUED

Imperial Unit		Unit Weight		International Unit	
OD/in	Length/in	Lbs/FT	Kg/m	OD/mm	Length/mm
12.205	236.220	136.939	203.787	310	6000
12.598	236.220	145.916	217.147	320	6000
12.992	162.205	155.178	230.931	330	4120
13.386	236.220	164.725	245.138	340	6000
13.780	146.260	174.557	259.770	350	3715
14.173	236.220	184.675	274.827	360	6000
14.567	236.220	195.077	290.307	370	6000
14.961	236.220	205.764	306.211	380	6000
15.354	236.220	216.736	322.539	390	6000
15.748	236.220	227.993	339.292	400	6000
16.142	236.220	239.536	356.469	410	6000
16.535	236.220	251.363	374.069	420	6000

Ordering & service notes

- Standard 3 m, 4 m and 6 m bar lengths can be discussed by diameter, section and live mill or warehouse availability.
- Cut-to-length sawing, straightening, polishing and milling support can be coordinated for ready-to-machine supply.
- Prototype and small-lot enquiries are welcome; each lead time is confirmed after stock, tolerance and inspection needs are reviewed.
- Consolidated specifications and scheduled volume demand can be quoted with project-based commercial terms.
- Unit weights are nominal calculations; final packing and invoiced weights may vary within applicable dimensional tolerances.

Nominal stock data; confirm live availability, tolerances and certification when ordering.



LET'S PLAN YOUR 6082 BAR SUPPLY

Share the temper, section, diameter or across-flats size, length, quantity and certification needs. Our team will review the requirement and reply with availability, processing options and delivery timing.

EMAIL

sales@unionalu.com

WHATSAPP

+86 195 6061 7075

WEB

www.unionalu.com

LOCATION

1F, Building 3, Xiangyi Industrial Park Science & Technology Innovation Incubation Park,
Houma Economic Development Zone, Linfen, Shanxi, China

Shandong Union Aluminium Co., Ltd

Flexible supply. Clear specifications. Reliable delivery.