



**MADE FROM BILLETS**



**GREEN FRIENDLY  
ALUMINIUM**



**An ISO 9001:2008 CERTIFIED  
COMPANY**



Registered Office

# **TALCO ALUMINIUM COMPANY**

**An ISO 9001:2008 Certified Company**

**MANUFACTURER OF ALUMINIUM EXTRUSION PROFILES**

Regd. Office: # D85/1, GNT Road, Ponniammanmedu, Madhavaram Chennai - 600 110

(Landmark: Near Madhavaram Flyover & OPP. Road of HP PETROL BUNK)

PH. +91-44-23468559 / 23468533 / 23468907 / TELEFAX: 23468906

E-mail: [talcochennai@talco.in](mailto:talcochennai@talco.in)



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E-mail: [talcochennai@talco.in](mailto:talcochennai@talco.in)



Dear Sir,

**Sub: INTRO FOR ALUMINIUM EXTRUSION PROFILES - REG**

We are happy to know that you are one among the few to use good quality Aluminium Extrusion. We feel immense pleasure while introducing ourselves as Manufacturer of Aluminium Extrusion Profiles / Section.

**TALCO ALUMINIUM COMPANY.** (TALCO) is one of the leading Aluminum Extrusion Companies in the industry today. We are known in the industry for having a strong commitment to excellence, growth, and innovation. TALCO has Country's Latest Technology Extrusion plant with 2 Presses of 900 MT Capacity along with modern handling equipment to produce Quality Fine Extrusions (as per IS-733:5082:1285) that are manufactured from high-quality billets made out of in-house metal foundry and offer the widest range of shapes and alloys tested using Advanced Technology of Optical Emission Spectrometer.

TALCO's management staff has a combined extrusion experience that spans for over 35 years. Our company's management team consists of technically skilled individuals who have been working with the top aluminum manufacturers in the business.



All our employees pride themselves in delivering products that meet the standards of both our customers and the industry.



**Quality accreditations**

*ISO 9001:2008 Quality Management System,  
NSIC Registered  
Railways Approved Vendor  
SSI*

**Various applications of Extrusions**

*Transport  
Industrial  
Architectural  
Consumer durables  
Electrical*

Because of the trust of our customers, the expertise of our employees, and the quality of our products, TALCO is proud to be a very active member of the aluminum industry. We assure you that all your extrusion orders will be promptly delivered, and that customer service representatives will be more than happy to answer any questions you may have.

To learn more about our products and services, feel free to contact us @ [talcochennai@talco.in](mailto:talcochennai@talco.in)



***Aluminium – Environment Friendly Future Metal***





## **Vision**

“To be a premium Metals major, with a passion for excellence”

## **Mission**

To relentlessly pursue the creation of Superior Customer Value by exceeding customer expectations profitably and by strict quality standards.

## **Values**

**Integrity** Honesty in every action.

**Commitment** Doing Whatever it takes to deliver, as promised.

**Passion** Missionary zeal arising out of an emotional engagement with work

**Seamlessness** Thinking and working together to meet the requirements.

**Speed** Responding to customers with sense of urgency.

## TALCO Quality Policy

**QUALITY** is the cornerstone of our Mission, which being customer-oriented, is committed to excellence and cost effectiveness.

Quality lies in continuous improvement and in redesigning systems, processes and practices to satisfy customer needs and expectations. It extends to manufacturing, maximising operational efficiency, capacity utilisation and productivity. It involves the integration of human resources, a key to teamwork.

The Objectives of Quality Policy are:

1. To meet the expectations of customers, and improve response time.
2. To ensure reliable and consistent customer service
3. To provide value for money and to be internationally competitive
4. To choose and associate with suppliers to ensure high quality of inputs; through proactive interaction with them, to secure their participation in our quality improvement process
5. To establish a healthy system for quality assurance and improvement, with emphasis on inprocess control in order to ensure error prevention. **Do things right the first time**
6. To formulate quality goals for all functions and foster teamwork.
7. To satisfy “internal customers” as a means to external customer satisfaction.
8. To educate, motivate and involve employees in the fulfillment of the quality.



**ISO 9001 : 2008** Quality Management System

### Key Objectives of TALCO Quality Policy

- |  |  |
|--|--|
| • Complete Customer Satisfaction       | • System for QA & Improvement            |
| • Formulate Quality Goals              | • Satisfy Internal Customer requirements |
| • Unmatched Value                      | • Involve every employee                 |
| • Choose Suppliers on Quality Criteria | • Reliable & Consistent Customer Service |

## METALLURGICAL AND MECHANICAL DATA AND TOLERNCES ALLOY EQUIVALENTS TABLE

IS India (New)	(BS U.K or I.S.(OLD )	(AA) U.S.A	(AICAN) Canada	DIN Germany	ASTM	(AFNOR) France
<b>63401</b>	<b>E91E</b>	<b>6101</b>	D50S	E-AI-99.5 SI-0.5	GS 10 B	-
<b>63400</b>	<b>HE-9</b>	<b>6063</b>	50S	ALMG SI 0.5	GS 10 A	A-SG
<b>64430</b>	<b>HE-30</b>	<b>6351</b>	B51S	ALMG SII	6351	6081(NP)

## TEMPER DESIGNATION TABLE

INDIA / U.K	U.S.A / CANADA	ISO TEMPER	Description of designation
M	F	F	As Fabricated, as manufactured or as cast
-	T3	TD	Solution heat- treated, and cold worked
W	T4	TB	Solution heat-treated, naturally aged and amenable to artificial ageing
P	T5	TE	Artificial aged or precipitation heat-treated
WP	T6	TF	Solution heat- treated & precipitation heat treated

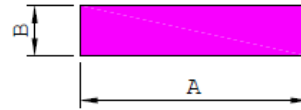


# PART I - BARS, RODS & TUBES

## MAJOR APPLICATIONS





**PART I – BARS, RODS & TUBES****FLAT BAR**

SL. NO	SECTION NO	ITEMS (A X B)	WEIGHT KG/12Ft
1	1001 *	12.70 X 3.00	0.380
2	1002 *	12.50 X 6.35	0.800
3	1007 *	19.00 X 2.00	0.380
4	1008 *	19.05 X 2.95	0.560
5	1009	19.05 X 6.35	1.197
6	1010	19.05 X 9.50	1.800
7	1011	25.40 X 2.00	0.500
8	1013	25.40 X 3.00	0.770
9	1014	25.00 X 6.00	1.482
10	1015	25.40 X 9.52	2.386
11	1016	25.40 X 12.70	3.200
12	1062 *	25.00 X 16.00	4.000
13	1017 *	25.40 X 19.05	4.800
14	1018	30.00 X 2.95	0.900
15	1019	31.75 X 6.35	1.990
16	1020	31.75 X 9.52	3.000
17	1021	31.75 X 12.00	3.800
18	1022 *	32.00 X 15.88	5.000
19	1023 *	32.00 X 19.00	6.000
20	1025	38.10 X 3.00	1.171
21	1026	40.00 X 5.00	1.970
22	1027	38.10 X 6.35	2.390
23	1028	38.10 X 9.52	3.583
24	1073	40.00 X 6.00	2.371
25	1070	40.00 X 10.00	3.950
26	1029	38.10 X 12.70	4.780
27	1071	40.00 X 12.00	4.740
28	1063 *	38.00 X 25.00	9.500
29	1064 *	40.00 X 16.00	6.400
30	1024 *	40.00 X 20.00	7.900
31	1069	48.00 X 9.00	4.260
32	1030	50.00 X 2.85	1.300
33	1031	50.80 X 6.35	3.200
34	1066	50.80 X 9.52	4.770
35	1032	50.00 X 10.00	5.000

SL. NO	SECTION NO	ITEMS (A X B)	WEIGHT KG/12Ft
36	1033	50.00 X 12.00	6.000
37	1035 *	50.80 X 15.80	8.000
38	1036 *	50.80 X 19.05	9.600
39	1037 *	50.80 X 25.40	12.900
40	1038	63.50 X 6.35	4.000
41	1039	63.50 X 9.52	6.000
42	1067 *	60.00 X 10.00	5.900
43	1072	60.00 X 12.00	7.000
44	1040	63.50 X 12.70	8.000
45	1052 *	63.50 X 15.88	10.500
46	1041 *	63.50 X 19.05	12.000
47	1042 *	63.50 X 25.40	16.000
48	1043	76.20 X 6.35	4.779
49	1044	76.20 X 9.52	7.166
50	1045	76.20 X 12.70	9.563
51	1053 *	76.20 X 15.88	12.100
52	1046 *	80.00 X 10.00	8.000
53	1047	101.6 X 6.35	6.375
54	1048	100.0 X 10.00	9.882
55	1049	100.0 X 12.00	11.858
56	1050	101.1 X 12.70	12.751
57	1068	105.0 X 5.00	5.186
58	1051	120.0 X 10.00	11.858
59	1061	125 X 12.00	15.000
60	1054	127.0 X 6.35	7.968
61	1055	127.0 X 9.50	12.000
62	1056	127.0 X 12.70	15.939
63	1057	152.4 X 6.35	9.636
64	1058	150.0 X 10.00	14.823
65	1059	150.0 X 12.00	17.786
66	1065 *	140.0 X 10.00	14.000
67	1060	152.4 X 12.70	19.124

\* CONDITION APPLY

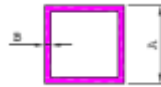
# PART I – BARS, RODS & TUBES

## ROUND ROD



SL.NO	SECTION NO	ITEMS (ØA)	WEIGHT PER 12Ft (3.66M)
1	1113	5.20	0.209
2	1101	6.00	0.278
3	1110	6.35	0.300
4	1102	8.00	0.498
5	1103	10.00	0.776
6	1104	12.00	1.116
7	1111	12.70	1.250
8	1106	15.88	1.939
9	1112	18.00	2.510
10	1107	19.05	2.818
11	1108	22.22	3.825
12	1109	25.40	4.656

## SQUARE TUBE



SL.NO	SECTION NO	ITEMS (A X B)	WEIGHT PER 12Ft (3.66M)
1	4001	17.00 x 0.52	0.340 - 0.380
2	4002	19.05 x 1.22	0.870 - 0.950
3	4003	25.40 x 1.04	1.001 - 1.100
4	4004	23.00 x 0.64	0.570 - 0.650
5	4005	20.00 x 2.10	1.500 - 1.650
6	4006	23.50 x 0.60	0.780 - 0.850
7	4007	25.40 x 1.63	1.550 - 1.700
8	4008	25.40 x 2.00	1.900 - 2.100
9	4013	36.00 x 0.61	0.850 - 1.000
10	4009	38.10 x 1.50	2.200 - 2.300
11	4012	50.00 x 1.00	2.000 - 2.100
12	4010	50.00 x 1.50	2.600 - 2.700
13	4011	50.00 x 1.80	3.200 - 3.400
14	4014	50.00 x 3.00	5.300 - 5.500
15	4015	32.00 x 0.60	0.740 - 0.760
16	4016	30.00 x 0.65	0.750 - 0.900
17	4017	23.00 x 0.50	0.400 - 0.480



**PART I – BARS, RODS & TUBES****SQUARE BAR**

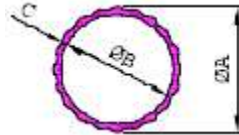
SL.NO	SECTION NO	ITEMS (A)	WEIGHT PER 12Ft (3.66M)
1	1302	12.70	1.600
2	1303	15.88	2.500
3	1304	19.05	3.600
4	1305	25.40	6.400

**ROUND PIPE**

SL.NO	SECTION NO	ITEMS (ØA X B)	WEIGHT PER 12Ft (3.66M)
1	4112	11.90 x 1.75	0.500
2	4104	12.70 x 2.35	0.750
3	4105	15.88 x 2.24	0.950
4	4108	19.05 x 0.82	0.464
5	4110	19.05 x 1.63	0.900
6	4111	19.05 x 3.18	1.600
7	4114	22.22 x 1.63	1.100
8	4115	24.00 x 0.84	0.600
9	4117	25.40 x 1.22	0.900
10	4119	25.40 x 2.00	1.452
11	4120	25.40 x 3.20	2.200
11	4121	31.75 x 3.18	2.850
12	4122	28.20 x 1.60	1.300
13	4123	32.00 x 6.50	5.200
14	4124	45.00 x 2.00	2.700
15	4125	38.20 x 3.20	3.500
16	4126	42.00 x 2.00	2.700
17	4139	38.10 x 6.00	6.000
18	4127	50.80 X 2.00	3.000
19	4128	50.20 x 3.10	4.600
20	4131	50.80 x 3.50	5.200
21	4135	50.80 x 4.00	5.810
22	4129	50.00 x 5.00	7.000
23	4140	50.80 x 6.00	8.400
24	4130	52.00 x 7.00	9.900
25	4132	60.00 x 2.00	3.600
26	4133	63.50 x 3.18	5.955
27	4141	63.50 x 4.00	7.388
28	4142	63.50 x 6.25	11.200
29	4144	73.00 x 5.00	10.700
30	4145	76.20 x 6.30	13.800
31	4134	76.40 x 3.18	7.300
32	4136	86.35 x 3.15	8.200

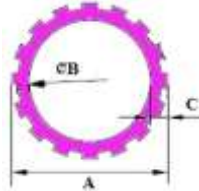
# PART I – BARS, RODS & TUBES

## FLUTED PIPE



SL.NO	SECTION NO	ITEMS (A X C)	WEIGHT PER 12Ft (3.66M)
1	4201	19.05 x 0.65	0.400 – 0.450 Kgs
2	4202	24.80 x 0.49	0.560 – 0.600 Kgs
3	4203	25.40 x 1.49	1.350 – 1.500 Kgs
4	4204	25.00 x 1.40	0.800 – 0.900 Kgs
5	4207	24.80 x 0.60	0.580 – 0.620 Kgs
6	4206	25.40 x 0.79	0.850 – 0.900 Kgs

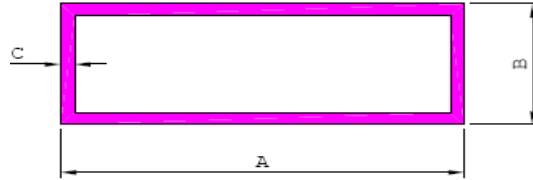
## SPL FLUTED PIPE



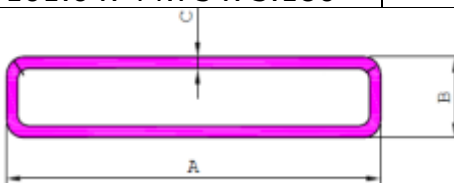
SL.NO	SECTION NO	ITEMS (A X B X C)	WEIGHT PER 12Ft (3.66M)
1	4200	19.05 x 14.05 x 2.50	1.100 – 1.200 Kgs
2	4205	25.80 x 20.00 x 2.90	1.600 – 1.700 Kgs

# PART I – BARS, RODS & TUBES

## RECTANGLE TUBE / RACEWAYS



SL.NO	SECTION NO	ITEMS	WEIGHT PER 12Ft (3.66M)
1	2100	36.00 x 23.00 x 0.670	0.750 – 0.850 Kgs
2	2101	37.00 x 24.00 x 0.655	0.850 – 1.000 Kgs
3	2101	37.00 x 24.00 x 0.655	0.950 – 1.100 Kgs
4	2101	37.00 x 24.00 x 0.755	1.100 – 1.300 Kgs
5	2102	37.00 x 24.00 x 2.000	2.400 - 2.600 Kgs
6	2120	46.00 x 23.00 x 0.670	0.900 – 1.000 Kgs
7	2121	48.00 x 24.00 x 0.650	0.980 – 1.000 Kgs
8	2123	50.80 x 25.40 x 0.840	1.240 – 1.400 Kgs
9	2125	50.80 x 25.40 x 1.130	1.650 – 1.800 Kgs
10	2126	50.80 x 25.40 x 1.500	1.950 – 2.100 Kgs
11	2126	50.80 x 25.40 x 1.650	2.400 – 2.500 Kgs
12	2128	50.80 x 25.40 x 2.000	2.900 – 3.200 Kgs
13	2144	63.50 x 38.10 x 1.200	2.100 – 2.300 Kgs
14	2146	63.00 x 38.10 x 1.470	2.851 – 3.100 Kgs
15	2148	63.50 x 38.10 x 2.000	3.857 – 4.100 Kgs
16	2155	76.20 x 25.40 x 1.500	2.920 – 3.120 Kgs
17	2156	76.20 x 25.40 x 2.000	3.800 - 4.300 Kgs
18	2152	80.00 x 50.00 x 2.000	5.000 – 5.200 Kgs
19	2160	101.6 x 44.75 x 1.450	4.000 – 4.300 Kgs
20	2166	101.6 x 44.75 x 1.770	5.000 – 5.300 Kgs
21	2170	101.6 x 44.75 x 3.180	8.800 – 9.200 Kgs



SL.NO	SECTION NO	ITEMS	WEIGHT PER 12Ft (3.66M)
1	3369	73.00 x 25.00 x 1.70	3.150 Kgs



SL.NO	SECTION NO	ITEMS (A X B)	WEIGHT PER 12Ft (3.66M)
1	2138	75.00 x 25.00 x 1.50	3.100 – 3.300 Kgs

**Breathe Easy !**

**Its ALUMINIUM ! SAVE TREES !**



### **Aluminium in your daily Life**

Architecture, Transport, Electrical/Electronics, Fabrication & Lighting.  
While moving from Cradle to grave – consumes less energy and keeps the air clean.

**TALCO ALUMINIUM COMPANY**, a clean companion in your life.

Green Initiatives that help build the lungs of the environment

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