

ALUMINIUM ALLOYS SPECIALISTS



METALCO EXTRUSIONS
GLOBAL LLP

Erstwhile METAL EXTRUSIONS

✉ info@metalcoglobal.com

🌐 www.metalcoglobal.com



NVT QUALITY CERTIFICATION INTERNATIONAL

CERTIFICATE

Certificate Number: 298007

This is to certify that

METAL EXTRUSIONS

No A-17, 1st Cross, 10th Main,
3rd Stage Peenya Industrial Area,
Yeshwanthpur Hobli,
Nallakadarnahalli, Bangalore – 560058.

has implemented and maintains a Quality Management System for its

MAIN SCOPE:

STOCKING AND DISTRIBUTION OF ALUMINIUM ALLOY PLATES, SHEETS, COILS, BARS, RODS AND VARIOUS FORMS OF EXTRUSIONS, CUT TO CUSTOMER SPECIFIED SIZES FOR DEFENCE AND AEROSPACE APPLICATIONS.

Certification structure: Multi site

Through an audit, performed in accordance with the requirements of AS 9104/1 issued 2012-01, and including the implementation, meets the requirements of the standard:

AS 9120B

(Based on and including ISO 9001:2015)

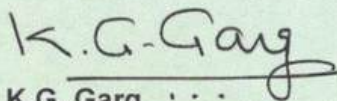
Quality Management Systems – Requirements for Aviation, Space and Defence Distributors

The file that forms the basis of this certificate: 298007

Date of Initial Certification : September 17, 2020

Date of Current Revision : November 15, 2023

Certification Expiry Date : September 15, 2026



K.G. Garg

Chairman & Chief Executive



Accredited Office: NVT Quality Certification International LLP, Bangalore, India
Marketing Office : NVT Quality Certification International, Milpitas, CA, USA

NVT Quality Certification International LLP is accredited by ANAB under ICOP scheme and recognized by IAQG.

Note: Please verify current validity of certificate from NVT Quality Certification International LLP at nvt@nvtquality.com.

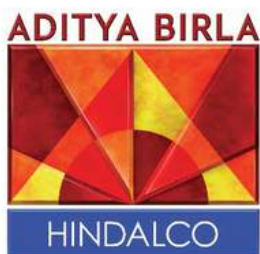


METALCO EXTRUSIONS GLOBAL LLP

ALUMINIUM ALLOYS SPECIALIST

(ERSTWHILE METAL EXTRUSIONS)

IMPORTER | EXPORTER | WHOLESALERS



PRODUCTS

- ALUMINIUM SHEETS, PLATES & COILS
- ALUMINIUM ALLOY EXTRUSIONS & DRAWNS
- ALUMINIUM FOR AEROSPACE & DEFENCE
- CUT TO SIZE AVAILABLE (BANDSAW CUTTING)

STOCKIST OF:

AA1050, 1100, 2024, 2014, 2017, 3003, 5052, 5083, 5754, 6061,
6063, 6351, 6082, 7075, 7050



Email

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rolling@metalcoglobal.com



COMPANY PROFILE

INTRODUCTION :

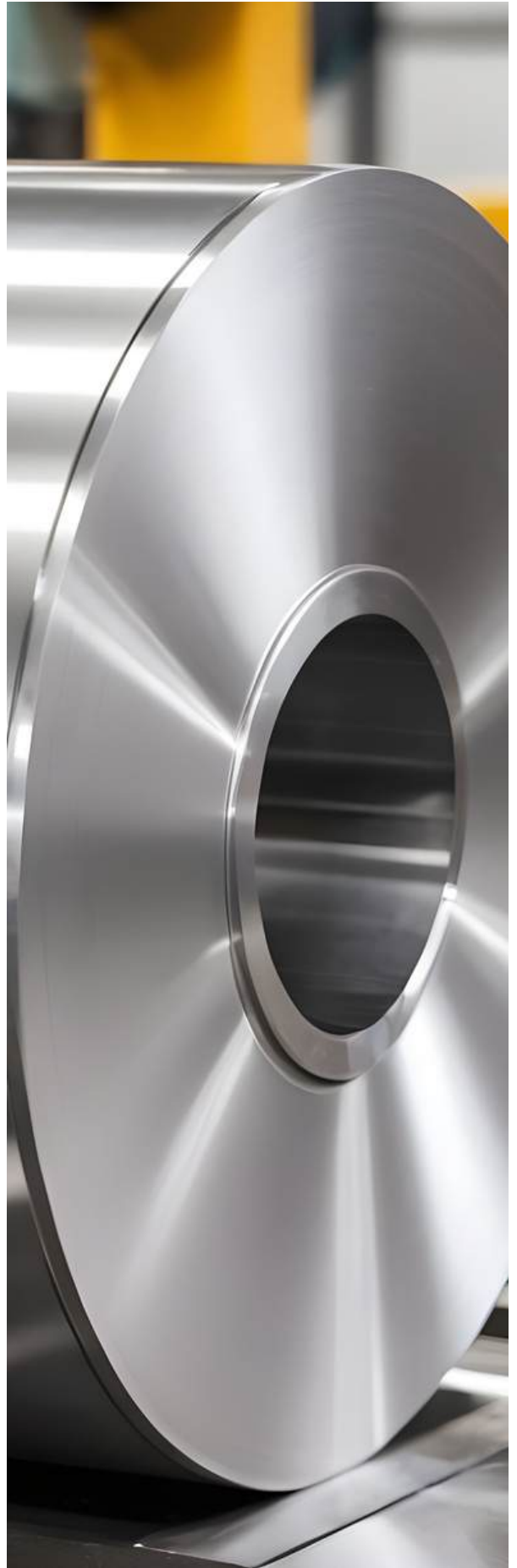
Metalco Extrusions Global LLP – Aluminium Alloys Specialist is a leading certified aluminium alloy stockist company located in Bangalore & Chennai that caters to the Aerospace and Defence sectors. With a well-trained team, we are equipped to meet client's expectations ensuring a quality supply of raw materials. Our products range from raw materials to finished parts.

SPECIALIZATION:

With a strong local presence in the Aerospace segment of India, we ensure excellent liaison with customers and subcontractors to meet their specific requirements. Our USP is the supply of material cut to size and machined exactly as per the need, which sets us apart in this segment. This helps in instant processing with zero wastage.

MACHINERY:

Machines with the capacity of cutting blocks up to 600 mm in Height, 1600 mm in Width, and 4000 mm in length are virtually burr-free. Our strategic alliance with leading mills across the globe to source material with assured quality and continuous supply to meet our customers' timely requirements.





35 YEARS OF UNDEFEATED
SUCCESS

PRODUCT & STOCK DETAILS:

We stock the below materials in both rolled forms of sheets, plates, coils, and extrusions in Bars, Rods, Squares, and various special dies customized to the client's requirements.

SI. NO.	Metal I	Grade
1	MAGNESIUM & SILICON-BASED ALUMINIUM ALLOYS	6061, 6082, 6351, 6101 in tempers of T6, T651, and T6511 conditions
2	ZINC-BASED ALUMINIUM ALLOYS	7075, 7050 in tempers of T6, and T651 conditions
3	MAGNESIUM BASED ALUMINIUM ALLOYS	5052, 5754, 5083, in hardness of H32, H34, H38, H22, and H111 conditions
4	COPPER-BASED ALUMINIUM ALLOYS	2017, 2014, 2024 in tempers of T4, T351, T6, and T651 conditions
5	99% PURE BASED ALUMINIUM ALLOYS	1100, 1050, 1060 in hardness of H14, H15, and H22 conditions

Supply Capabilities:

Our major supplier is KUMZ (KAMENSK URALSKY METALLURGICAL WORKS). Additionally, we also import from mills in Korea, China, Taiwan, Europe, and the US to fulfill the demands in the aerospace & defence segment.

Warehouse Detail:

Our warehouse comprises 6 units spread across Bangalore and Chennai with a stocking capacity of 800 Plus tons. With tactical locations and better connectivity with the national highway of the units, we ensure a timely logistic supply of products.

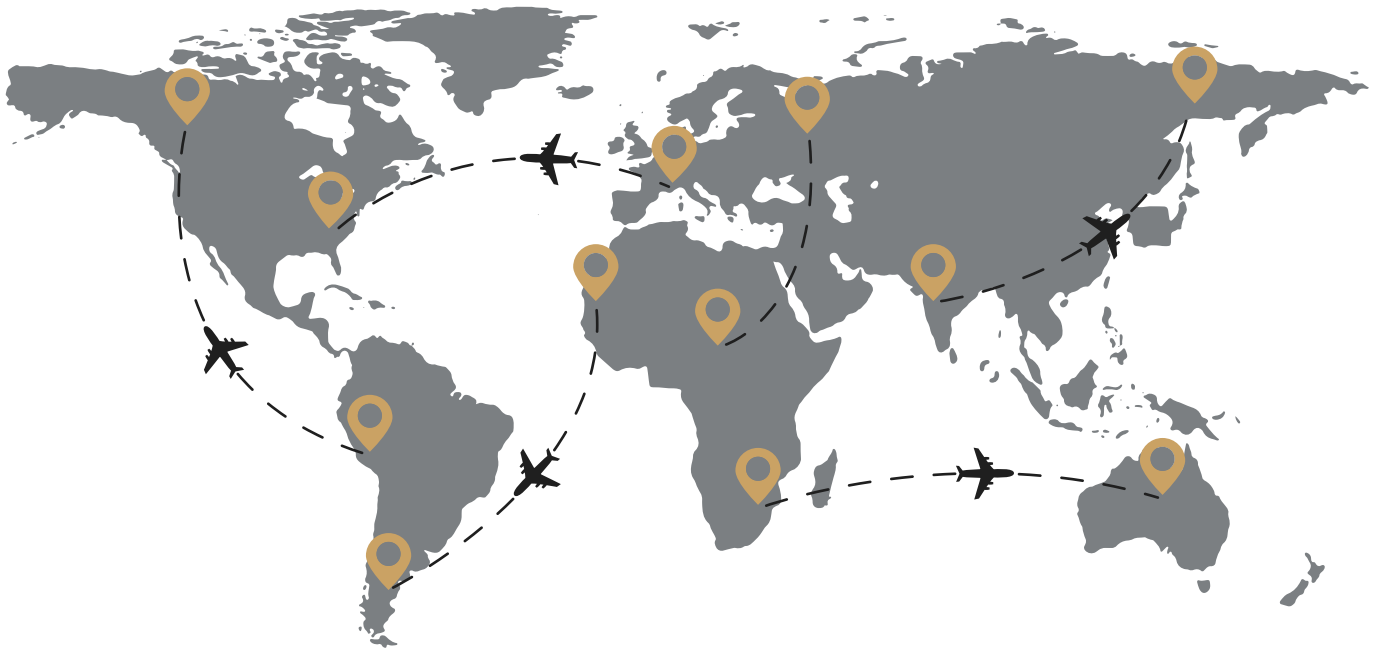
VISION

The company wants to achieve maximum customer satisfaction and goodwill in the market by serving its customers in the best way possible.

MISSION

To focus on market expansion and to gain maximum market share.

EXPANDING HORIZONS ONE EXPORT AT A TIME



We are Excited to announce that we have expanded our services to include import and export operations in the UAE, Bahrain, Oman, Qatar, Thailand, Indonesia, Malaysia, Sri Lanka, and Bangladesh.

We continue to explore new territories and broaden our reach!

EXHIBITIONS

Attended by Metalco Extrusions Global LLP



DEFEXP022 INDIA

- October 18 2022

RAW MAT INDIA 2022

- Nation Prime Resources Expo 14-16 September 2022

IMS 2022

- BIEC, 19-24 June

AERO INDIA

- The Runway to a Billion Opportunities 13 Feb 2023

IREE 2023

- Pragati Maidan, New Delhi 12-14 October 2023

DUBAI AIRSHOW 2023

- DWC, November 2023

DEFENCE AND SECURITY 2023

- IMPACT, Muang Thong Thani, Thailand 6-9 November 2023

MSME DEFENCE

- 24th - 26th Feb 2024 Pune International Exhibition

ELASIA INTERNATIONAL EXHIBITION 2024

- May 2024 at Bangalore International Exhibition Centre

And Even more to come

TABLE - 1

WROUGHT ALLOYS : NEAR EQUIVALENT DESIGNATIONS

INDIA		U.S.A. (A.A.)	BRITAIN (B.S.)	CANADA	GERMANY (DIN)	RUSSIA	I.S.O.	FRENCH ND
NEW I.S.	OLD I.S.							
19501	1E	1050(E.C)	1E	C 1S	E-Al 99.5	-	-	-
19500	1B	1050	1B	1S	A-99.5	-	Al-99.5	1050A
24345	H15	2014	H15	B265	AL-CU-SI	AK	-	-
24534	H14	2017	H14	17S/16S	-	D1	Al-Cu-4Mg Si	-
-	-	2024	-	24S	Al-Cu.Mg2	-	Al-Cu-4Mg 1	2024
31000	N3	3003	N3	3S	Al-Mn	A-Mn	Al-Mn 1	3003
52000	N4	5052	N4	M57S	Al-Mg.2	A-Mg	Al-Mg-2.5	5051
53000	N5	5086	N5	54S	-	A-Mg-3	Al-Mg-4	-
54300	N8	5083	N8	D54S	Al-Mg-4.5 Mn	-	Al-Mg-4.5 Mn	5083
65032	H20	6061	H20	65S	Al-Mg-Si Cu	-	Al-Mg-1Si Cu	-
63400	H9	6063	H9	50S	Al-Mg-Si 0.5	-	Al-Mg Si	-
64430	H30	6351	H30	B51S	Al-Mg-Si 1	AV	Al-Si-1 Mg	6081
64423	H11	6066	H11	C62S	-	-	-	-
62400	-	6005	-	C51S	-	-	-	-
63401	91E	6101	91E	D50S	E.Al.Mg.Si 0.5	-	-	-
64401	-	6201	-	-	-	-	-	-
74530	-	7039	-	D74S	Al-Zn-Mg.1	-	-	3004
-	-	7075	DTD 5124	75S	Al-Zn-Mg Cu 1.5	-	Al-Zn 6 Mg Cu	7075

TABLE - 2

WROUGHT ALLOYS : GUIDE TO SELECTION

Alloy	Temper	Resistance to Corrosion	Workability (Cold)	Machinability	Brazeability	Weldability	Commonly available forms	Indications of use
EC/1050, 1060 (1B) (19501) (19500) (19600)	F, O	A	A	D	A	A	Flats, Rods, Tubes & Other Section	Electric conductors, cable sheathing, impact- extruded products, pressing utilities of anodizing quality, pen caps, piping etc.
1100 (1C) (19000)	F, O	A	A	D	A	A	Flats, Rods, Tubes & Other Section	Packaging lightly stresses and decorative assemblies in architecture and transport, equipment for chemical, food and brewing industries.
2014 (H 15) (24345)	T4 T6	C C	C D	B B	D D	C C	Rods & Bars Rods & Bars	Highly stressed component of all types in aircraft, ordnance and general engineering.
2017 (H 14) (24534)	T4	C	C	B	D	C	Rods & Bars	Highly stressed part in aircraft and other structure, screw machine products.
2024	T4	C	C	B	D	C	Rods & Bars	Load cell, highly stressed component of all types in aircraft ordnance and general engineering.
4043 (N 21) (43000)	F, O	A	A	D	A	A	Rods & Other Section	Welding wire, architectural applications.
5005 (52000A)	O, F	A	A	D	B	A	Flats, Rods, Other Section	Structures exposed to marine attractive anodized finish, architectural, electrical conductors etc.
5052 (N 4)	O, F	A	A	D	C	A	Flats, Rods, Tubes & Other Section	Structures exposed to marine atmosphere, aircraft parts, wire rope ferrules, rivet stock.
5086 (N 5) (53000)	O, F	A	A	D	D	A	Flats, Rods & Other Section	Ship building and other marine applications, rivets, coinage etc.
5056 (N 6) (55000)	O, F	A	A	D	D	A	Rods	Zips, Welding Rods and Rivets.
6061 (H 20) (65032)	O, F T4 T6	A A A	A C D	D C C	A A A	A A A	Rods, Flats Tubes & Other Section	Heavy-duty structures, building hardware, sections for bus building, truck and rail coach, furniture, rivets etc.
6063 (H9)	O, F T4 T6 T5	A A A A	A B C C	D C C C	A A A A	A A A A	Rods, Flats Tubes & Other Section	Building hardware, architectural section with good surface finish, medium strength furniture and anodized sections.

TABLE - 2

WROUGHT ALLOYS : GUIDE TO SELECTION

Alloy	Temper	Resistance to Corrosion	Workability (Cold)	Machinability	Brazeability	Weldability	Commonly available forms	Indications of use
6066 (22450)	O, F T4 T6	B B B	B C C	D B B	A A A	A A A	Rods & other solid sections	For welded structures, textile parts, heavy duty machine parts.
6101 (91 E) (63401)	T4 T6	A A	B B	C C	A A	A A	Rods, Flats, Tubes & other sections	High strength electrical busbar sections.
6201 (64401)	T4	A	A	C	A	A	Redraw Rod	Overhead conductors, ACAR and AAAC
6351 (H 30) (6430)	O, F T4 T6	A A A	A C D	D C C	A A A	A A A	Rods, Flats, Tubes & other sections	Structural and general engineering items such as rail & road transport vehicles, bridges, cranes, roof trusses, rivets etc.
7039 (D74S) (74530)	O, F T4 T6	A A A	A C D	D C C	A A A	A A A	Flats, Tubes, Rods & other sections	Defence structures like mobile bridges etc. Tread and chequered plates, Excellent welding property with no loss of strength in welded zone.
7075 (DTD5124)	O, F T4 T6	A A A	A A D	A A A	A A A	A A A	Rods	Highly stressed structural applications

Notes :

1. Relative ratings for corrosion, workability and machinability in decreasing order of merit A, B, C and D.
2. Weldability & brazeability ratings A, B, C and D are relative ratings defined as follows:
 - A. Generally weldable by the commercial procedure & methods.
 - B. Weldable with special technique.
 - C. Limited weldability due to crack sensitivity or loss in corrosion resistance and mechanical properties.
 - D. Generally not weldable.
3. Availability of other forms subject to special enquiries and methods.

TABLE - 3

WROUGHT ALLOYS: CHEMICAL COMPOSITION LIMITS (PERCENT)

Alloy (ISS) Old	New	Equivalent alloy (AA) U.S.A	Copper		Magnesium		Silicon		Iron Max.	Magnesium		*Other (Total) Max.	Remarks
			Min.	Max.	Min.	Max.	Min.	Max.		Min.	Max.		
1 C	19000	1100	-	0.10	-	-	-	0.5	0.6	-	0.1	0.1	Aluminium 99.0% Min
1 B	19500	1050	-	0.05	-	-	-	0.25	0.4	-	0.05	0.1	Aluminium 99.5% Min
1 E	19501	-	-	0.04	-	-	-	0.15	0.35	-	0.03	0.1	Aluminium 99.5% Min
-	19600	1060	-	0.05	-	-	-	0.25	0.35	-	0.03	0.1	Aluminium 99.6% Min
H 15	24345	2014	3.8	5.0	0.2	0.8	0.5	1.2	0.7	0.3	1.2	0.5	-
H 14	24534	2017	3.5	4.7	0.4	1.2	0.2	0.7	0.7	0.4	1.2	0.5	-
		2024	3.8	4.9	1.2	1.8	-	0.5	0.5	0.3	0.9	0.15	Zn 0.25
N 3	91000	3003	-	0.1	-	0.1	-	0.6	0.7	1.0	1.5	0.4	-
		4032	0.8	1.3	0.8	1.3	-	13.5	0.6	-	0.2	0.15	Ni 0.8 - 1.3
N 4	52000	5052	-	0.1	1.7	2.6	-	0.6	0.5	-	0.5	0.4	Cr + Mn = 0.5
M 5	53000	5086	-	0.1	2.8	4.0	-	0.6	0.5	-	0.5	0.4	Cr + Mn = 0.5
N 8	54300	5083	-	0.1	4.0	4.9	-	0.4	0.7	0.5	1	0.4	Chromium up to 0.25
H 20	65032	-	0.15	0.4	0.7	1.2	0.4	0.8	0.7	0.2	0.8	0.4	**Cr = 0.15 - 0.35
-	-	6061	0.15	0.4	0.8	1.2	0.4	0.8	0.7	-	0.15	0.4	Chromium 0.04 to 0.35
H 9	63400	6063	-	0.1	0.4	0.9	0.3	0.7	0.6	-	0.3	0.4	-
-	-	6066	0.7	1.2	0.8	1.4	0.9	1.8	0.7	0.6	1.1	0.4	-
-	64423	-	0.5	1.0	0.5	1.3	0.7	1.3	0.8	-	1	-	-
9 1E	63401	6101	-	0.05	0.4	0.9	0.3	0.7	0.5	-	0.03	0.1	-
H 30	64430	6351	-	0.1	0.4	1.2	0.6	1.3	0.6	0.4	1.0	0.3	-
		6082	-	0.1	0.6	1.2	0.7	1.3	0.5	0.4	1.0	0.3	Chromium up to 0.25
-	74530	7039	-	0.2	1.0	1.5	-	0.4	0.7	0.2	0.7	0.4	Zinc 4.0 - 5.0 %
-	-	7075	1.2	2.0	2.1	2.9	-	0.5	0.5	-	0.3	0.2	Zinc (5.1 - 6.1)% & Chromium(0.18-0.28) %

* Titanium and/or other grain refining elements

** Either Mn or Cr shall be present

TABLE - 4

WROUGHT ALLOYS : MECHANICAL PROPERTIES

Heat Treatable Alloys					
Alloy AA Old (ISS) New (ISS)	Temper	Ultimate Tensile Strength Kg/mm ²		0.2% Proof Stress Kg/mm ²	Elongation on 50mm GL
		Min.	Max.		
2014 [H15 [24345]	T4[W] T6 [WP]	39 49	- -	24.0 43.0	10 6
2017 [H14] [24534]	T4[W]	39	-	24.0	10
2024 [H9]	T4	40.5		26.5	12
6063 [H9] [63400]	T4[W] T6 [WP]	14 19	-	8.0 15.5	14 7
6061 [H20] [65032]	M T4[W] T6 [WP]	11.2 19 28.5	- -	5.1 11.5 24.0	12 14 7
6351 [H30] [64430]	M T4[W] T6 [WP]	11.2 19 31.5	-	8.2 12.0 27.5	12 14 7
6066	M T4[W] T6 [WP]	11.0 28 35	- -	- 17.5 31.5	12 14 7
6101 [91E] [63401]	T4[W] T6 [WP]	14 20.5	- -	8.0 17.0	12 10
6201 [64401]	T4[W] T8 [WDP]	16 32	- -	7.0 -	14 3
7039 [74530]	T4[W] T6 [WP]	28 31.5	- -	23.5 26.5	9 7
7075	T6 [WP]	54	-	46.5	6

Properties indicated herein are typical properties and are given for information only. However properties of all the profiles in specific alloy shall be as per I. S. Specification.

TABLE - 5

WROUGHT ALLOYS : TYPICAL TENSILE PROPERTIES AT VARIOUS TEMPERATURES (KG/MM²)

Alloy & Tempet	Tensile Strength	Temp.°C									
		Below zero			Above Zero						
		-200	-80	-25	25	100	150	200	250	300	350
1100M (19000)	Ultimate Yield	17.5 4.2	10.5 3.9	10.0 3.5	9.0 3.5	7.0 3.2	5.5 3.0	4.0 2.4	3.0 2.0	2.0 1.4	1.5 1.1
2014 T6* (24345)	Ultimate Yield	59.0 50.0	52.0 45.5	50.5 43.5	49 42	44.0 40.0	28.0 24.5	11.0 9.0	6.0 5.0	4.5 3.5	3.0 2.5
2017 T4 (24534)	Ultimate Yield	56.0 37.0	45.5 29.5	45.0 29.0	43.5 28.0	40.0 27.5	28.0 21.0	11.0 9.0	6.5 5.0	4.0 3.5	3.0 2.5
3003M (31000)	Ultimate Yield	23.0 6.0	14.0 5.0	12.0 4.5	11.0 4.0	9.0 4.0	7.5 3.5	6.0 3.0	4.0 2.5	3.0 1.7	2.0 1.3
5052M (52000)	Ultimate Yield	31.0 11.0	20.5 9.0	19.5 9.0	19.5 9.0	19.0 9.0	16.0 9.0	4.0 7.5	8.5 5.0	5.0 4.0	3.5 2.0
5086M (53000)	Ultimate Yield	38.5 17.0	27.5 15.0	26.5 15.0	26.5 15.0	26.5 15.0	20.5 13.5	15.5 12.0	12.0 7.5	7.5 5.0	4.0 3.0
6061 T4 (65032)	Ultimate Yield	35.0 19.5	26.5 15.5	25.0 15.5	24.5 14.5	- -	21.0 14.5	13.5 10.5	5.0 3.8	3.0 1.8	2.0 1.5
6061 T6	Ultimate Yield	49.0 33.0	34.5 29.5	33.0 28.5	31.5 28.0	29.5 26.5	24.0 21.5	13.5 10.5	5.0 3.5	3.2 1.9	2.1 1.3
6063 T4 (63400)	Ultimate Yield	26.0 12.0	20.5 12.0	19.5 10.5	15.5 9.0	- -	15.5 9.0	6.5 4.5	3.5 2.8	2.1 1.8	1.8 1.4
6063 T6	Ultimate Yield	33.0 25.0	26.5 23.0	25.0 22.5	24.5 21.5	21.5 19.5	14.5 14.0	6.5 4.5	3.0 2.5	2.5 1.8	1.6 1.4

TABLE - 6

WROUGHT ALUMINIUM & ALUMINIUM ALLOYS: MECHANICAL AND ELECTRICAL PROPERTIES

Alloy		Temper Designation	Tensile Strength Min.	0.2 Percent Proof Stress Min.	Percent Elongation on 5.65/Sa Min.	Electrical Conductivity at 20°C, Min	Maximum Electrical Resistivity at 20°C	Thickness	Inside bend radius Min	Coef. of thermal Expansion	Thermal Conductivity
AA	IS		Mpa	Mpa		%IACS	ohm mm/mm ²	mm		per °C at 20°C typical	CGS at 25°C typical
1050	19501	M	60	-	25	60.00	0.02874	upto 12	1 x thickness	23.8×10 ⁻⁶	0.56
6101	63401	W	140	80	12	-	-	-	-	-	-
6101	63401	WP (range 1)	170	135	12	56.50	0.03052	3.00 to 9.50	1 x thickness	23.4×10 ⁻⁶	0.52
6101	63401	WP (range 2)	200	170	10	55.00	0.03135	3.00 to 9.50	2 x thickness	23.4×10 ⁻⁶	0.52
6201	-	T81	-	-	-	52.50	0.3283	-	235 x 10 ⁻⁶	0.50	-

Notes :

1 MPa=1N/mm² = 0.102 kg/mm²

Properties in M temper are only typical values and are given for information only.

If required the cross-section shall be calculated from the mass and length of a straight test piece taking density 2.705 for grade 19501 and 2.700 for grade 63401

INDEX

Sl. No.	DESCRIPTION	Pg. No.
1.	FLAT BARS	15
2.	HEXAGONAL BARS	17
3.	ROUND BARS	18
4.	SQUARE BARS	19
5.	ROUND TUBES	20
6.	SQUARE TUBES	23
7.	CHANNELS	24
8.	EQUAL ANGLES	27
9.	UNEQUAL ANGLES	28
10.	SHEETS & COILS	29
11.	PLATES	30
12.	EXTRUSIONS	31
13.	MACHINE	32
14.	WAREHOUSE	33

BARS AND RODS

FLAT BARS



SL. No.	Section No.	A	B	Weight kg/m
1	10546	6.40	5.90	0.102
2	10171	8.00	2.00	0.043
3	10318	8.50	8.00	0.183
4	10277	10.00	8.00	0.216
5	10351	11.50	6.35	0.197
6	10091	12.00	2.00	0.065
7	10061	12.00	3.00	0.097
8	10164	12.00	4.00	0.130
9	10110	12.50	6.00	0.202
10	10036	12.70	5.00	0.171
11	S6088	12.70	6.40	0.219
12	10369	12.70	8.50	0.291
13	S6290	14.00	3.00	0.113
14	10153	15.00	2.00	0.081
15	10452	15.00	2.00	0.081
16	10087	15.00	3.00	0.122
17	10144	15.00	8.00	0.324
18	10103	15.00	8.55	0.346
19	10278	15.87	2.34	0.100
20	10135	16.95	4.15	0.190
21	10220	17.00	4.00	0.183
22	S4833	17.00	4.15	0.190
23	10160	17.50	1.80	0.085
24	10122	18.00	1.55	0.075
25	10109	18.00	2.50	0.121
26	S5415	18.00	3.00	0.145
27	10288	18.75	4.00	0.202
28	10279	19.00	1.82	0.093
29	10003	19.00	5.00	0.257
30	10035	19.00	9.50	0.487
31	10458	19.00	12.70	0.651
32	10123	19.05	2.25	0.116
33	10004	19.05	2.95	0.152
34	10005	19.05	3.18	0.163
35	10006	19.05	4.78	0.246
36	10007	19.05	6.35	0.327
37	S6189	19.50	14.50	0.763
38	10280	19.60	1.10	0.058
39	10118	20.00	1.60	0.086
40	10365	20.00	2.10	0.113
41	10008	20.00	3.00	0.162
42	10223	20.00	4.00	0.215
43	10065	20.00	5.00	0.270
44	10106	20.00	6.00	0.324
45	10009	20.00	8.00	0.432
46	10138	20.00	10.00	0.540
47	10302	20.00	15.00	0.810
48	10535	20.60	4.00	0.222
49	10500	21.00	18.00	1.020

SL. No.	Section No.	A	B	Weight kg/m
50	10129	22.00	2.00	0.118
51	10547	22.00	4.00	0.237
52	10408	22.35	2.81	0.169
53	10091	23.00	2.50	0.155
54	10545	24.00	4.00	0.259
55	10095	25.00	1.00	0.068
56	10116	25.00	1.50	0.101
57	10281	25.00	2.80	0.189
58	10010	25.00	3.00	0.203
59	10178	25.00	5.00	0.337
60	10011	25.00	6.00	0.405
61	10270	25.00	6.50	0.439
62	10107	25.00	8.00	0.540
63	10506	25.00	10.00	0.675
64	10197	25.00	15.00	1.013
65	10222	25.00	16.00	1.080
66	10075	25.40	2.00	0.137
67	10080	25.40	2.30	0.158
68	10012	25.40	2.95	0.202
69	10013	25.40	3.18	0.218
70	10411	25.40	3.18	0.218
71	10034	25.40	4.00	0.274
72	10014	25.40	6.35	0.435
73	10152	25.40	9.52	0.652
74	10102	25.40	12.75	0.874
75	10391	25.40	15.88	1.089
76	10191	25.40	19.05	1.304
77	10101	25.45	4.78	0.328
78	10094	27.00	15.00	1.093
79	10528	27.00	18.00	1.312
80	10396	27.00	24.00	1.749
81	10273	28.00	15.00	1.134
82	10530	29.00	20.00	1.566
83	10168	30.00	2.00	0.162
84	10265	30.00	2.90	0.235
85	10189	30.00	3.00	0.243
86	10015	30.00	5.00	0.405
87	10550	30.00	6.00	0.486
88	10142	30.00	8.00	0.648
89	10441	30.00	10.00	0.809
90	10375	30.00	13.00	1.053
91	10274	30.00	15.00	1.215
92	10195	30.00	20.00	1.620
93	10017	30.18	3.96	0.322
94	10079	31.75	2.30	0.197
95	10018	31.75	2.95	0.253
96	10347	31.75	3.18	0.272
97	10077	31.75	4.78	0.410
98	10019	31.75	6.35	0.544
99	10086	31.75	9.52	0.816
100	10524	31.75	12.70	1.088
101	10258	31.75	15.88	1.361
102	10198	31.75	19.05	1.633
103	10193	31.75	25.40	2.177
104	10409	31.85	3.18	0.273
105	10226	32.00	6.00	0.518
106	10227	32.00	10.00	0.864
107	10504	32.00	12.00	1.036

SL. No.	Section No.	A	B	Weight kg/m
108	10120	33.50	12.00	1.085
109	10539	34.00	15.00	1.377
110	10348	34.92	3.18	0.299
111	10211	35.00	2.96	0.279
112	10397	35.00	5.00	0.472
113	10243	36.00	2.65	0.257
114	10356	37.00	2.00	0.199
115	10477	38.00	1.50	0.154
116	10126	38.00	2.00	0.205
117	10190	38.00	3.00	0.308
118	10029	38.00	3.20	0.328
119	10181	38.00	5.00	0.513
120	10511	38.00	16.00	1.641
121	10336	38.00	20.00	2.052
122	10020	38.10	3.18	0.327
123	10410	38.10	3.18	0.327
124	10421	38.10	3.81	0.392
125	10033	38.10	4.78	0.492
126	10405	38.10	5.08	0.522
127	10021	38.10	6.35	0.653
128	10088	38.10	9.52	0.979
129	10104	38.10	12.70	1.306
130	10559	38.10	19.05	1.959
131	10199	38.10	25.40	2.613
132	10267	38.10	31.75	3.226
133	10140	40.00	1.60	0.173
134	10031	40.00	3.00	0.324
135	10047	40.00	4.00	0.432
136	10048	40.00	5.00	0.540
137	10503	40.00	6.00	0.648
138	10165	40.00	6.50	0.702
139	10148	40.00	8.00	0.864
140	10057	40.00	10.00	1.080
141	10083	40.00	12.00	1.296
142	10093	40.00	15.00	1.620
143	10466	40.00	16.00	1.728
144	10137	40.00	20.00	2.160
145	10529	40.00	32.00	3.456
146	10359	40.00	33.00	3.564
147	10459	41.50	4.00	0.448
148	10022	42.00	6.00	0.680
149	10562	42.00	20.00	2.267
150	10307	42.00	27.00	3.061
151	10555	42.50	2.80	0.321
152	10358	43.00	2.00	0.232
153	10373	44.00	16.00	1.900
154	10023	44.45	3.18	0.382
155	10366	44.45	12.70	1.524
156	10068	44.45	19.05	2.286
157	10218	44.45	25.40	3.048
158	10380	45.00	6.00	0.729
159	10162	45.00	25.00	3.037
160	12146	45.00	32.00	3.888
161	S6179	45.00	12.00	1.458
162	10067	47.00	2.00	0.254
163	10538	47.30	7.20	0.919
164	10143	50.00	3.00	0.405
165	10030	50.00	4.00	0.540
166	10072	50.00	5.00	0.675

All dimensions in mm.
BAR -01

BARS AND RODS

FLAT BARS

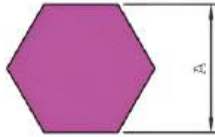
SL. No.	Section No.	A	B	Weight kg/m	SL. No.	Section No.	A	B	Weight kg/m	SL. No.	Section No.	A	B	Weight kg/m
167	10069	50.00	6.00	0.810	226	10225	70.00	3.18	0.601	285	10486	100.00	1.50	0.450
168	10251	50.00	6.50	0.877	227	10552	70.00	6.00	1.134	286	10383	100.00	6.00	1.620
169	10100	50.00	8.00	1.080	228	10245	70.00	12.00	2.268	287	10376	100.00	8.00	2.160
170	10042	50.00	10.00	1.350	229	10331	70.00	20.00	3.780	288	10064	100.00	10.00	2.700
171	10232	50.00	12.00	1.619	230	10188	70.00	30.00	5.670	289	10045	100.00	12.00	3.240
172	10113	50.00	13.70	1.850	231	10482	70.00	40.00	7.560	290	10082	100.00	12.50	3.375
173	10145	50.00	15.00	2.025	232	10206	72.00	52.00	10.109	291	10055	100.00	15.00	4.050
174	10286	50.00	20.00	2.700	233	10269	73.00	2.70	0.532	292	10096	100.00	20.00	5.400
175	10379	50.00	30.00	4.050	234	S5886	75.00	3.00	0.607	293	10147	100.00	25.00	6.750
176	10510	50.80	3.18	0.436	235	10166	75.00	5.00	1.013	294	10324	100.00	30.00	8.100
177	10024	50.80	6.35	0.870	236	10382	75.00	6.00	1.215	295	10186	100.00	50.00	13.500
178	10037	50.80	9.52	1.306	237	10332	75.00	8.00	1.620	296	10499	100.00	70.00	18.900
179	10038	50.80	12.70	1.742	238	10125	75.00	10.00	2.025	297	10158	100.00	80.00	21.600
180	10071	50.80	15.88	2.178	239	10084	75.00	12.00	2.430	298	10305	100.30	16.00	4.333
181	10200	50.80	19.05	2.613	240	10111	75.00	12.50	2.531	299	10028	101.60	6.35	1.742
182	10217	50.80	25.40	3.483	241	10540	75.00	27.00	5.467	300	10349	101.60	3.18	0.872
183	10475	50.80	32.00	4.389	242	10052	76.00	15.00	3.078	301	10046	101.60	12.70	3.484
184	10467	50.80	38.10	5.225	243	10026	76.20	6.35	1.306	302	10534	101.60	19.05	5.225
185	10259	50.80	44.45	6.096	244	10059	76.20	9.52	1.958	303	10215	101.60	22.22	6.095
186	10515	51.00	46.00	6.334	245	10058	76.20	12.70	2.613	304	10214	101.60	25.40	6.967
187	10527	52.00	42.00	5.896	246	10476	76.20	16.00	3.291	305	10469	101.60	32.00	8.778
188	10256	54.00	3.30	0.481	247	10204	76.20	19.05	3.919	306	10470	101.60	40.00	10.972
189	10541	54.00	45.00	6.561	248	S6274	76.00	20.00	4.104	307	10262	101.60	50.80	13.935
190	S6105	55.00	8.00	1.188	249	10285	76.20	25.40	5.225	308	10561	101.60	38.10	10.451
191	10173	55.00	35.00	5.198	250	10205	76.20	31.75	6.532	309	10361	101.60	76.20	20.903
192	10201	57.15	12.70	1.960	251	10315	76.20	38.10	7.838	310	10304	102.00	36.00	9.914
193	10487	59.00	21.00	3.345	252	10362	76.20	50.80	10.451	311	10276	102.00	82.00	22.583
194	10293	59.54	6.35	1.020	253	10518	76.20	63.50	13.064	312	10424	103.00	7.40	2.058
195	10312	59.95	3.33	0.539	254	10287	80.00	4.00	0.864	313	10406	103.00	43.00	11.958
196	10053	60.00	6.00	0.972	255	10520	80.00	5.00	1.080	314	10309	103.00	53.00	14.739
197	10039	60.00	10.00	1.620	256	10049	80.00	6.00	1.296	315	10363	103.00	63.00	17.520
198	10505	60.00	15.00	2.430	257	10054	80.00	8.00	1.728	316	10310	103.50	6.80	1.899
199	10196	60.00	20.00	3.240	258	10060	80.00	10.00	2.160	317	10423	105.00	5.00	1.417
200	10156	60.00	30.00	4.860	259	10531	80.00	12.00	2.592	318	10043	105.00	15.00	4.253
201	10480	60.30	32.00	5.210	260	10537	80.00	15.00	3.240	319	10301	107.50	2.65	0.769
202	10208	61.00	43.00	7.082	261	10261	80.00	20.00	4.320	320	10090	110.00	12.00	3.564
203	10389	63.00	8.00	1.360	262	10544	80.00	25.00	5.400	321	10169	110.00	30.00	8.910
204	10390	63.00	12.00	2.041	263	10194	80.00	30.00	6.480	322	10235	112.00	60.00	18.144
205	10184	63.00	38.00	6.464	264	10130	80.00	70.00	15.120	323	10496	114.30	9.53	2.941
206	10325	63.50	4.76	0.816	265	10489	82.00	2.00	0.442	324	10239	115.00	3.30	1.025
207	10025	63.50	6.35	1.089	266	10542	85.00	32.00	7.344	325	10127	115.00	25.00	7.762
208	10073	63.50	9.52	1.632	267	10133	85.00	65.00	14.918	326	10257	115.00	60.00	18.630
209	10468	63.50	12.70	2.177	268	10478	85.00	68.00	15.606	327	10308	117.00	42.00	13.267
210	10494	63.50	15.88	2.722	269	10136	85.72	34.92	8.082	328	10374	118.00	31.00	9.876
211	10202	63.50	19.05	3.266	270	10490	86.00	2.00	0.464	329	10395	120.00	4.00	1.296
212	10192	63.50	22.22	3.810	271	10554	87.00	9.00	2.114	330	10393	120.00	6.00	1.944
213	10194	63.50	25.40	4.355	272	10236	88.00	45.00	10.692	331	10394	120.00	8.00	2.592
214	10260	63.50	31.75	5.443	273	10404	88.90	25.40	6.096	332	10051	120.00	10.00	3.240
215	10203	63.50	44.45	7.621	274	10560	88.90	38.10	9.145	333	10124	120.00	25.00	8.100
216	10268	63.50	50.80	8.709	275	10321	88.90	76.20	18.290	334	10444	120.00	69.00	22.356
217	10050	64.00	12.00	2.074	276	10367	89.20	20.00	4.816	335	10355	120.00	80.00	25.920
218	10413	64.00	34.00	5.875	277	10516	89.50	44.50	10.753	336	10402	120.00	95.00	30.780
219	10368	64.50	4.00	0.696	278	10497	90.00	12.00	2.916	337	10163	121.00	12.00	3.920
220	10131	65.00	50.00	8.775	279	10556	90.00	25.00	6.075	338	10299	122.00	12.70	4.183
221	10098	66.00	9.00	1.604	280	10350	90.00	30.00	7.290	339	10298	122.00	17.00	5.600
222	10295	66.50	14.20	2.550	281	10353	91.00	8.00	1.965	340	10271	122.00	38.10	12.550
223	10551	69.85	31.75	5.988	282	S5358	95.00	4.00	1.026	341	10303	123.00	2.90	0.963
224	10216	69.85	50.80	9.580	283	10117	95.00	5.00	1.282	342	10548	123.00	15.00	4.981
225	10343	69.90	64.00	12.078	284	10415	98.00	7.80	2.064	343	10445	125.00	6.00	2.025

All dimensions in mm.
BAR -02

BARS AND RODS

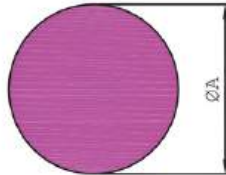
HEXAGONAL BARS & ROUND RODS

HEXAGONAL BARS



SL. No.	Section No.	A	Weight kg/m
1	11851	5.00	0.058
2	11892	5.90	0.081
3	11852	7.00	0.115
4	11871	8.00	0.150
5	11853	9.00	0.189
6	11854	9.52	0.212
7	11897	10.00	0.234
8	11855	11.00	0.283
9	11872	12.00	0.337
10	11856	12.70	0.377
11	11881	13.00	0.395
12	11887	13.85	0.449
13	11857	14.00	0.458
14	11864	16.00	0.599
15	11876	16.85	0.664
16	11858	17.00	0.675
17	11870	18.00	0.758
18	11874	18.85	0.831
19	11869	18.90	0.835
20	11866	19.10	0.853
21	S6175	20.00	0.935
22	11867	22.00	1.132
23	11878	22.10	1.142
24	11890	22.25	1.157
25	11896	22.30	1.163
26	11873	23.85	1.330
27	11862	24.00	1.347
28	11859	25.00	1.461
29	11893	25.40	1.508
30	11875	26.85	1.686
31	11868	27.00	1.705
32	11889	27.15	1.723
33	11865	29.00	1.966
34	11891	30.19	2.131
35	11884	30.50	2.175
36	S5769	31.50	2.320
37	11860	32.00	2.394
38	11895	34.90	2.848
39	11879	36.00	3.030
40	11886	37.50	3.288
41	11885	38.10	3.394
42	11880	41.00	3.930
43	11883	41.27	3.984
44	11894	46.00	4.948
45	11863	50.00	5.846

ROUND RODS



SL. No.	Section No.	ØA	Weight kg/m
1	11041	4.00	0.034
2	11042	5.00	0.053
3	11047	6.00	0.076
4	11001	6.35	0.086
5	11044	6.40	0.087
6	11139	7.00	0.104
7	11059	7.20	0.110
8	S6463	7.35	0.115
9	11081	7.65	0.124
10	11002	7.94	0.134
11	11029	8.00	0.136
12	S6251	8.20	0.143
13	11043	8.26	0.145
14	11003	8.50	0.153
15	11184	8.76	0.163
16	11068	8.85	0.166
17	11185	8.97	0.171
18	11004	9.00	0.172
19	11186	9.08	0.175
20	11067	9.18	0.179
21	11187	9.21	0.180
22	11046	9.30	0.183
23	11188	9.40	0.187
24	11005	9.52	0.192
25	11189	9.53	0.193
26	11069	9.66	0.198
27	11190	9.67	0.198
28	11106	9.80	0.203
29	11191	9.92	0.209
30	11006	10.00	0.212
31	11192	10.63	0.240
32	11070	10.80	0.247
33	11007	11.00	0.257
34	11193	11.13	0.263
35	11128	11.20	0.266
36	11194	11.35	0.273
37	11071	11.53	0.282
38	11195	11.60	0.285
39	11082	11.70	0.290
40	11008	12.00	0.305
41	11209	12.30	0.321
42	11009	12.70	0.342
43	11010	13.00	0.358
44	11011	13.50	0.386

SL. No.	Section No.	ØA	Weight kg/m
45	11116	14.00	0.416
46	11022	14.30	0.434
47	11012	14.50	0.446
48	11085	15.00	0.477
49	11066	15.30	0.496
50	11083	15.60	0.516
51	11129	15.70	0.523
52	11013	15.88	0.535
53	11025	16.00	0.543
54	11133	16.25	0.560
55	11079	16.70	0.591
56	11135	17.00	0.613
57	11026	17.50	0.649
58	11206	17.70	0.664
59	11023	18.00	0.687
60	11096	18.30	0.710
61	11217	18.60	0.734
62	11113	19.00	0.765
63	11014	19.05	0.770
64	11168	19.70	0.823
65	11033	20.00	0.848
66	11219	20.63	0.903
67	11015	21.00	0.935
68	11130	21.50	0.980
69	11030	22.00	1.027
70	11021	22.20	1.045
71	11117	23.00	1.122
72	11112	24.00	1.221
73	11107	24.50	1.272
74	11034	25.00	1.325
75	11016	25.40	1.368
76	11137	25.50	1.379
77	11024	25.80	1.412
78	11040	26.30	1.467
79	11036	27.00	1.546
80	11165	27.80	1.639
81	11031	28.00	1.662
82	11091	28.57	1.731
83	11035	30.00	1.908
84	11150	30.40	1.960
85	11132	30.90	2.025
86	11218	31.75	2.138
87	11027	31.80	2.144
88	11028	32.00	2.171
89	11198	32.00	2.171
90	11199	32.00	2.171
91	11162	32.40	2.226
92	11077	33.00	2.309
93	11173	33.50	2.380
94	11045	34.92	2.585
95	11103	35.60	2.688
96	11084	36.00	2.748
97	11174	36.70	2.856

All dimensions in mm.

BAR -08

BARS AND RODS

ROUND RODS

SL. No.	Section No.	ØA	Weight kg/m
98	11147	37.50	2.982
99	11032	38.00	3.062
100	11017	38.10	3.078
101	11167	38.50	3.143
102	11065	39.00	3.225
103	11202	39.70	3.342
104	11018	40.00	3.393
105	11149	40.90	3.547
106	11048	42.00	3.741
107	11175	42.86	3.895
108	11020	43.00	3.920
109	S5888	44.00	4.105
110	11037	44.45	4.190
111	11056	44.70	4.237
112	11086	45.00	4.294
113	11172	45.50	4.390
114	11215	46.80	4.645
115	11136	48.10	4.906
116	11180	48.50	4.988
117	11210	48.50	4.988
118	11019	50.00	5.301
119	11038	50.80	5.472
120	11049	51.75	5.679
121	11057	53.50	6.070
122	11169	53.98	6.179
123	11205	54.00	6.184
124	11073	55.00	6.415
125	11060	56.00	6.650
126	11090	57.15	6.926
127	11076	60.00	7.634
128	11164	60.32	7.716
129	11216	61.20	7.942
130	11114	62.60	8.310
131	11050	63.50	8.550
132	11088	65.00	8.959
133	11126	65.40	9.070
134	11151	66.68	9.429
135	11111	68.20	9.863
136	11102	68.30	9.892
137	11118	69.20	10.155
138	11119	69.40	10.213
139	11087	70.00	10.390
140	11063	71.00	10.690
141	11105	72.00	10.993
142	11166	73.00	11.301
143	11204	73.66	11.506
144	11094	75.00	11.928
145	11051	76.20	12.312
146	S5738	77.00	12.573
147	11120	79.40	13.369
148	11061	80.00	13.571
149	11221	80.00	13.572
150	11212	81.00	13.913

SL. No.	Section No.	ØA	Weight kg/m
151	11115	82.55	14.450
152	11092	85.00	15.321
153	11122	88.90	16.759
154	11062	90.00	17.176
155	11163	91.00	17.560
156	11123	95.25	19.239
157	11176	97.00	19.952
158	11080	100.00	21.206
159	11052	101.60	21.890
160	11148	105.00	23.379
161	11093	107.95	24.711
162	11074	110.00	25.659
163	11183	110.60	25.940
164	11181	111.40	26.316
165	11141	114.30	27.704
166	11095	115.00	28.045
167	11211	117.00	29.029
168	11207	118.00	29.527
169	11039	120.00	30.536
170	11124	120.65	30.868
171	11055	125.00	33.134
172	11127	127.00	34.203
173	11089	130.00	35.838
174	11220	130.17	35.932
175	11152	133.35	37.709
176	11099	135.00	38.647
177	11178	139.50	41.267
178	11075	140.00	41.563
179	11104	143.00	43.364
180	11208	145.00	44.585
181	11101	146.00	45.202
182	11196	146.00	45.202
183	11064	150.00	47.713
184	11179	151.50	48.672
185	11197	151.60	48.736
186	11125	152.40	49.252
187	11097	153.00	49.640
188	11143	155.00	50.947
189	11182	156.00	51.606
190	11144	160.00	54.287
191	11078	162.00	55.652
192	11109	165.00	57.732
193	11100	170.00	61.285
194	11153	171.45	62.335
195	11214	171.45	62.335
196	11134	175.00	64.942
197	11154	177.80	67.037
198	11058	180.00	68.706
199	11155	184.15	71.911
200	11098	190.00	76.552
201	11140	190.50	76.956
202	11213	195.00	80.635
203	11108	200.00	84.823

204	11131	203.00	87.387
205	11159	203.20	87.559
206	11142	208.00	91.745
207	11138	211.00	94.410
208	11156	215.90	98.846
209	11171	220.00	102.636
210	11160	228.60	110.817
211	11145	230.00	112.178
212	11161	241.30	123.472
213	11203	245.00	127.288
214	11201	250.00	132.536
215	11146	254.00	136.811
216	11157	260.35	143.737
217	11177	264.00	147.796
218	11200	268.00	152.308
219	11158	279.40	165.541
220	11170	281.94	168.565
221	S5445	285.00	172.244

All dimensions in mm.
BAR -09

BARS AND RODS

SQUARE BARS

SQUARE BARS



SL. No.	Section No.	ØA	Weight kg/m
1	11723	5.00	0.068
2	11701	6.35	0.109
3	11702	7.93	0.170
4	11709	8.00	0.173
5	11703	9.53	0.245
6	11704	10.00	0.270
7	11748	11.50	0.356
8	11722	12.00	0.389
9	11705	12.70	0.435
10	11711	15.00	0.608
11	11706	15.88	0.681
12	11735	17.00	0.780
13	11707	19.05	0.980
14	11708	20.00	1.080
15	11710	25.00	1.688
16	11719	25.50	1.756
17	11726	30.00	2.430
18	11716	31.75	2.722
19	11721	32.00	2.765
20	11732	35.00	3.308
21	11713	38.10	3.920
22	11717	40.00	4.320
23	11744	42.00	4.762
24	11740	44.45	5.334
25	11725	45.00	5.467
26	11714	50.00	6.750
27	11733	50.80	6.967
28	11749	53.00	7.584
29	11743	54.00	7.873
30	11727	60.00	9.720
31	11724	63.00	10.716
32	11739	63.50	10.887
33	11746	65.00	11.407
34	11741	67.00	12.120
35	11712	69.85	13.173
36	11750	70.00	13.230
37	11736	72.00	13.996
38	11718	76.25	15.698
39	11745	79.00	16.850
40	11720	80.00	17.280
41	11734	83.00	18.600
42	11742	88.90	21.338
43	11747	100.00	27.000
44	11738	101.00	27.542

SL. No.	Section No.	ØA	Weight kg/m
45	11715	101.60	27.870
46	11729	120.00	38.880
47	11737	124.00	41.515
48	11730	130.00	45.630
49	11751	135.00	49.207
50	11752	141.00	53.678

SQUARE BARS WITH RADIUS



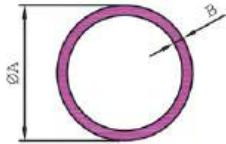
SL. No.	Section No.	A	R	Weight kg/m
1	12282	10.00	1.20	0.267
2	S5672	22.00	1.00	1.304
3	12233	85.00	1.00	19.505
4	12142	90.00	3.00	21.849
5	12309	91.00	0.80	22.357
6	12161	127.00	1.00	43.546
7	12019	140.00	3.00	52.898
8	12175	152.40	1.50	62.704
9	12240	155.00	1.20	64.864
10	12162	165.10	1.00	73.594
11	12220	175.00	1.20	82.684
12	12254	178.60	1.50	86.119

All dimensions in mm.

BAR -07

TUBES

ROUND TUBES



SL. No.	Section No.	ØA	B	Weight kg/m
1	13422	5.60	1.20	0.045
2	13311	6.20	0.90	0.040
3	13125	6.20	1.20	0.050
4	13630	6.35	1.22	0.053
5	13176	6.35	1.50	0.062
6	13245	6.35	2.07	0.075
7	13576	7.25	1.42	0.070
8	13118	7.40	1.50	0.075
9	13286	7.75	1.00	0.057
10	13481	7.80	1.00	0.058
11	13255	8.00	1.00	0.059
12	13355	8.00	1.20	0.069
13	13036	8.00	1.27	0.072
14	13063	8.00	1.50	0.083
15	13445	8.00	2.00	0.102
16	13692	8.10	0.50	0.032
17	13149	8.30	1.45	0.084
18	13670	8.46	0.68	0.045
19	13602	8.60	0.80	0.053
20	13265	8.80	2.65	0.138
21	13208	9.00	0.53	0.038
22	13329	9.05	1.00	0.063
23	13326	9.20	0.78	0.056
24	13284	9.35	0.55	0.041
25	13209	9.35	0.64	0.048
26	13553	9.35	0.65	0.048
27	13163	9.50	1.35	0.093
28	13144	9.52	0.78	0.058
29	13003	9.52	0.92	0.067
30	13210	9.52	1.00	0.073
31	13303	9.52	1.13	0.080
32	13001	9.52	1.22	0.086
33	13002	9.52	1.63	0.109
34	13536	9.70	1.40	0.099
35	13647	9.75	2.13	0.138
36	13394	10.00	0.80	0.062
37	13524	10.00	0.82	0.064
38	13097	10.00	1.00	0.076
39	13093	10.00	1.50	0.108
40	13436	10.50	0.51	0.043
41	13381	10.50	1.70	0.127
42	13159	10.80	1.40	0.112
43	13578	11.00	0.42	0.038
44	13207	11.00	0.48	0.043
45	13488	11.00	3.00	0.204
46	13396	11.10	1.00	0.086
47	13277	11.11	1.60	0.129
48	13231	12.00	0.48	0.047
49	13181	12.00	0.55	0.054
50	13145	12.00	0.72	0.068

SL. No.	Section No.	ØA	B	Weight kg/m
51	13130	12.00	0.91	0.086
52	13128	12.00	1.00	0.093
53	13462	12.00	3.00	0.229
54	13004	12.70	0.86	0.086
55	13005	12.70	1.19	0.116
56	S5757	12.70	1.40	0.134
57	13006	12.70	1.63	0.153
58	13007	12.70	2.03	0.184
59	13058	12.70	2.20	0.196
60	13608	12.70	2.55	0.220
61	13263	13.00	1.00	0.102
62	13126	13.00	1.85	0.175
63	13664	14.00	0.87	0.097
64	13234	14.00	1.55	0.164
65	13237	14.00	3.10	0.287
66	13067	14.50	1.22	0.137
67	13211	15.00	0.54	0.066
68	13182	15.00	0.60	0.073
69	13685	15.00	1.00	0.119
70	13008	15.00	2.00	0.221
71	13267	15.00	4.75	0.413
72	13228	15.20	0.72	0.088
73	13465	15.40	3.20	0.331
74	13621	15.50	2.35	0.262
75	13727	15.50	4.25	0.406
76	S5470	15.70	3.50	0.362
77	13009	15.88	0.92	0.117
78	13212	15.88	0.96	0.121
79	13010	15.88	1.22	0.152
80	13011	15.88	1.63	0.197
81	13459	15.88	2.00	0.235
82	13012	15.88	2.38	0.272
83	13274	16.00	1.00	0.127
84	13691	16.00	1.60	0.195
85	13070	16.00	2.20	0.257
86	13124	16.00	2.75	0.309
87	S5733	16.00	3.50	0.371
88	13334	16.90	2.45	0.300
89	13232	17.00	0.56	0.078
90	13169	17.00	2.60	0.318
91	13071	17.10	2.10	0.267
92	13157	18.00	0.60	0.089
93	13492	18.00	1.30	0.184
94	13132	18.00	1.63	0.226
95	13185	18.00	2.00	0.271
96	13579	18.50	0.47	0.072
97	13213	18.50	0.51	0.078
98	13612	18.50	0.54	0.082
99	13183	18.50	0.60	0.091
100	13146	18.50	0.72	0.108
101	13643	18.50	1.00	0.148
102	13673	18.60	1.15	0.170
103	13165	19.00	1.15	0.174
104	13335	19.00	2.65	0.367
105	13257	19.05	0.82	0.127
106	13013	19.05	0.92	0.141
107	13214	19.05	0.95	0.145
108	13014	19.05	1.12	0.171

SL. No.	Section No.	ØA	B	Weight kg/m
109	13368	19.05	1.20	0.182
110	13304	19.05	1.30	0.195
111	13015	19.05	1.63	0.241
112	13016	19.05	1.70	0.249
113	13460	19.05	2.00	0.289
114	13017	19.05	2.50	0.351
115	13461	19.05	3.18	0.428
116	13645	19.50	1.50	0.229
117	13072	19.60	2.30	0.337
118	13150	19.60	2.40	0.350
119	13035	19.60	3.05	0.428
120	13347	19.80	6.20	0.715
121	13359	20.00	1.00	0.161
122	13018	20.00	1.25	0.199
123	13409	20.00	1.50	0.235
124	13113	20.00	1.63	0.254
125	13251	20.00	3.15	0.450
126	13272	21.00	5.10	0.688
127	13336	21.10	3.00	0.460
128	S4491	21.18	1.60	0.266
129	13107	21.20	2.55	0.403
130	13615	21.40	4.80	0.676
131	13073	21.50	2.50	0.403
132	13168	21.70	3.10	0.489
133	13262	22.00	0.55	0.099
134	S6350	22.00	0.75	0.135
135	13253	22.00	0.85	0.152
136	13626	22.00	1.00	0.178
137	13603	22.00	1.20	0.212
138	13562	22.00	1.25	0.220
139	13561	22.00	1.60	0.277
140	13238	22.00	4.10	0.623
141	13589	22.00	5.00	0.721
142	13019	22.22	0.88	0.159
143	13376	22.22	1.20	0.214
144	13061	22.22	1.60	0.280
145	13278	22.23	1.00	0.180
146	S4492	22.30	1.60	0.281
147	13384	23.00	1.40	0.257
148	13665	23.40	1.00	0.190
149	13108	23.70	2.85	0.504
150	13337	23.90	3.65	0.626
151	13147	24.00	0.84	0.165
152	13308	24.00	1.25	0.241
153	13133	24.00	1.63	0.309
154	13080	24.00	2.75	0.496
155	13523	25.00	1.00	0.204
156	13117	25.00	1.22	0.246
157	13034	25.00	1.50	0.299
158	13363	25.00	1.50	0.299
159	13470	25.00	1.50	0.299
160	13020	25.00	2.00	0.390
161	13566	25.00	2.00	0.390
162	13021	25.00	2.50	0.477
163	13122	25.00	4.00	0.713
164	13721	25.00	5.00	0.848
165	13378	25.00	6.45	1.015
166	13369	25.40	0.83	0.173

All dimensions in mm.
TUBE - 01

TUBES

ROUND TUBES

SL. No.	Section No.	ØA	B	Weight kg/m	SL. No.	Section No.	ØA	B	Weight kg/m	SL. No.	Section No.	ØA	B	Weight kg/m
167	13215	25.40	0.87	0.181	226	13458	31.80	4.50	1.042	285	S5648	38.80	9.52	2.365
168	13222	25.40	1.00	0.207	227	13707	31.90	5.10	1.159	286	13041	39.00	8.00	2.103
169	13305	25.40	1.06	0.219	228	13328	32.00	1.20	0.314	287	13606	39.00	9.00	2.290
170	13022	25.40	1.22	0.250	229	13248	32.00	1.60	0.412	288	13646	39.10	1.50	0.478
171	13306	25.40	1.22	0.250	230	13100	32.00	2.00	0.509	289	13340	39.10	5.45	1.555
172	13577	25.40	1.30	0.266	231	13598	32.00	3.00	0.738	290	S5658	39.80	10.03	2.532
173	13023	25.40	1.60	0.323	232	13082	32.00	3.50	0.846	291	13480	40.00	1.20	0.395
174	13129	25.40	1.90	0.379	233	13066	32.00	4.00	0.950	292	13078	40.00	1.50	0.490
175	13090	25.40	3.20	0.603	234	13700	32.00	4.25	1.000	293	13048	40.00	2.00	0.645
176	13293	25.40	5.95	0.981	235	13375	32.00	4.50	1.050	294	13152	40.00	2.50	0.795
177	13444	25.91	4.63	0.836	236	13496	32.00	8.00	1.629	295	13098	40.00	3.00	0.941
178	13441	26.00	3.00	0.585	237	13581	32.00	10.00	1.866	296	13134	40.00	4.00	1.221
179	13479	26.00	3.50	0.668	238	13640	32.25	4.86	1.129	297	13370	40.00	5.00	1.484
180	13683	26.00	6.50	1.075	239	13591	32.80	5.80	1.328	298	13507	40.00	7.00	1.959
181	13641	26.67	3.17	0.633	240	13137	33.00	3.50	0.875	299	13389	40.00	8.00	2.171
182	13186	27.00	2.50	0.520	241	13483	33.00	6.20	1.409	300	13276	40.00	11.00	2.705
183	13127	27.00	3.00	0.611	242	13044	33.00	6.25	1.418	301	S5702	40.00	14.00	3.088
184	13109	27.00	3.20	0.646	243	13570	33.30	1.10	0.300	302	13504	40.60	1.80	0.592
185	13318	27.00	5.50	1.003	244	13600	34.00	4.50	1.126	303	13174	41.00	5.00	1.527
186	13338	27.20	3.95	0.779	245	13199	34.00	5.75	1.378	304	13416	41.80	4.56	1.440
187	13387	27.50	1.50	0.331	246	13447	34.00	8.75	1.874	305	13649	41.80	4.56	1.440
188	13360	28.00	1.00	0.229	247	13736	34.25	5.25	1.291	306	13089	42.00	2.00	0.679
189	13401	28.00	1.60	0.358	248	13730	34.64	1.44	0.406	307	13319	42.00	7.50	2.195
190	13110	28.00	3.00	0.636	249	13342	34.80	4.90	1.242	308	13584	42.00	8.25	2.362
191	13655	28.00	3.00	0.636	250	13442	35.00	1.20	0.344	309	13412	42.00	11.50	2.975
192	13038	28.00	4.00	0.814	251	13393	35.00	3.00	0.814	310	S5909	42.10	4.75	1.505
193	13705	28.00	5.35	1.028	252	13202	35.00	4.50	1.164	311	13737	42.16	3.55	1.163
194	13315	28.00	9.50	1.491	253	13712	35.00	5.00	1.272	312	13419	42.16	4.85	1.535
195	13114	28.60	1.63	0.373	254	13316	35.00	7.00	1.663	313	13696	42.50	8.75	2.505
196	13081	28.60	3.30	0.708	255	13633	35.00	8.50	1.911	314	13661	42.55	4.90	1.565
197	13429	28.70	2.28	0.511	256	S4303	35.10	3.40	0.914	315	13564	42.70	9.35	2.645
198	13417	29.00	1.00	0.238	257	13585	35.20	4.50	1.172	316	S5990	43.00	6.25	1.948
199	13235	29.00	2.50	0.562	258	13706	35.40	4.90	1.268	317	13116	43.00	7.00	2.137
200	13386	30.00	0.70	0.174	259	13703	35.80	4.90	1.284	318	13601	43.40	10.00	2.833
201	13260	30.00	0.77	0.191	260	13446	35.90	4.95	1.300	319	13468	44.00	3.00	1.043
202	13382	30.00	1.00	0.246	261	13135	36.00	2.00	0.576	320	13194	44.00	10.00	2.884
203	13047	30.00	1.50	0.363	262	13103	36.00	4.00	1.085	321	13341	44.40	6.35	2.049
204	13264	30.00	2.00	0.475	263	13607	36.00	7.50	1.813	322	S5441	44.45	1.60	0.582
205	13379	30.00	2.30	0.540	264	13443	36.00	8.00	1.900	323	13077	45.00	2.50	0.901
206	13190	30.00	2.50	0.583	265	13567	36.10	1.60	0.468	324	13200	45.00	4.00	1.391
207	13639	30.00	4.60	0.991	266	13250	36.50	3.00	0.852	325	13331	45.00	5.00	1.696
208	13101	30.00	5.25	1.102	267	S6192	37.00	4.00	1.120	326	13487	45.00	14.00	3.681
209	13171	30.00	6.65	1.318	268	13388	37.00	5.00	1.357	327	13565	45.20	10.30	3.049
210	13068	30.00	7.25	1.399	269	13083	37.50	4.25	1.198	328	13494	45.30	10.90	3.181
211	13024	30.10	1.22	0.299	270	13256	37.90	1.70	0.522	329	13505	45.70	1.80	0.670
212	13339	30.20	4.20	0.926	271	13711	38.00	1.00	0.314	330	13084	46.00	5.00	1.738
213	13628	31.00	2.25	0.549	272	13411	38.00	1.20	0.375	331	13136	46.00	5.50	1.889
214	13654	31.00	3.00	0.713	273	13091	38.00	2.00	0.611	332	13310	46.00	6.00	2.035
215	13111	31.00	3.50	0.816	274	13710	38.00	3.00	0.891	333	13298	48.00	4.00	1.492
216	13254	31.75	0.95	0.248	275	13323	38.00	5.90	1.606	334	13138	48.00	5.00	1.823
217	13229	31.75	1.05	0.273	276	13057	38.00	6.50	1.737	335	13056	48.00	8.75	2.913
218	13571	31.75	1.00	0.261	277	13385	38.00	6.75	1.789	336	13088	48.00	9.00	2.977
219	13530	31.75	1.10	0.286	278	13367	38.00	7.50	1.940	337	13512	48.10	4.60	1.697
220	13025	31.75	1.22	0.316	279	13224	38.10	1.30	0.405	338	13667	48.10	4.75	1.747
221	13026	31.75	1.63	0.416	280	13028	38.10	1.63	0.504	339	13408	48.16	4.51	1.670
222	13027	31.75	2.00	0.505	281	13029	38.10	2.00	0.612	340	13172	48.26	3.68	1.391
223	13094	31.75	3.18	0.771	282	13030	38.10	2.50	0.755	341	13420	48.26	5.08	1.861
224	S5560	31.80	3.15	0.766	283	13099	38.10	7.55	1.956	342	13510	48.30	4.00	1.503
225	13599	31.80	3.20	0.776	284	13140	38.20	3.20	0.950	343	13588	48.41	4.47	1.666

All dimensions in mm.

TUBE - 02

TUBES

ROUND TUBES

SL. No.	Section No.	ØA	B	Weight kg/m	SL. No.	Section No.	ØA	B	Weight kg/m	SL. No.	Section No.	ØA	B	Weight kg/m
344	S4210	48.99	4.90	1.833	403	13175	65.00	1.00	0.542	462	13154	88.90	4.05	2.915
345	13597	49.90	10.75	3.570	404	S5660	65.00	6.00	3.003	463	13106	88.90	5.36	3.798
346	13271	50.00	1.50	0.617	405	13119	66.00	6.00	3.053	464	13430	88.90	5.49	3.884
347	13467	50.00	2.00	0.814	406	13241	66.20	3.05	1.633	465	13142	88.90	6.35	4.446
348	13064	50.00	2.50	1.007	407	13046	69.35	3.18	1.782	466	13295	88.90	7.62	5.253
349	S5559	50.00	2.50	1.007	408	13166	69.50	12.50	6.043	467	13617	88.90	7.62	5.254
350	13065	50.00	3.00	1.196	409	13695	70.00	2.00	1.154	468	13637	88.90	7.62	5.254
351	13121	50.00	5.00	1.908	410	13620	70.00	4.00	2.239	469	13493	88.90	9.52	6.410
352	13327	50.00	6.00	2.239	411	13508	70.00	5.00	2.757	470	S6275	89.00	10.00	6.701
353	13371	50.00	7.50	2.704	412	S5944	70.00	15.00	6.998	471	13698	90.00	1.70	1.273
354	13583	50.00	10.00	3.393	413	13040	70.00	17.50	7.793	472	13613	90.00	2.50	1.856
355	13713	50.00	12.50	3.976	414	13614	70.00	25.00	9.543	473	13162	90.00	3.50	2.568
356	13131	50.20	3.10	1.238	415	13451	70.50	19.75	8.502	474	13074	90.00	4.00	2.918
357	13031	50.80	1.63	0.680	416	13690	72.00	2.50	1.474	475	S5883	90.00	15.00	9.543
358	13506	50.80	1.80	0.748	417	13299	72.00	12.00	6.107	476	13055	90.00	17.50	10.762
359	13032	50.80	2.03	0.840	418	13704	73.00	9.00	4.886	477	13192	91.80	3.30	2.477
360	13033	50.80	2.50	1.024	419	13153	73.03	5.16	2.970	478	13720	92.00	10.00	6.955
361	13414	50.80	3.00	1.216	420	13086	73.03	7.00	3.920	479	13611	92.00	14.50	9.532
362	13282	50.80	6.35	2.400	421	13233	75.00	3.00	1.832	480	13552	92.00	22.00	13.063
363	13112	51.00	6.00	2.290	422	13193	75.00	18.00	8.702	481	S6195	92.00	36.25	17.142
364	S3923	51.80	3.65	1.491	423	13269	76.00	2.50	1.559	482	13582	92.10	6.27	4.568
365	13042	52.00	7.00	2.672	424	13115	76.00	7.00	4.096	483	13728	95.00	2.50	1.962
366	13037	52.00	9.50	3.425	425	13187	76.10	4.50	2.732	484	13500	95.25	12.70	8.893
367	13437	54.00	1.60	0.711	426	13225	76.20	1.30	0.825	485	13204	96.00	11.50	8.243
368	13672	54.00	8.75	3.358	427	13723	76.20	1.45	0.919	486	13179	96.00	19.50	12.653
369	13170	54.00	10.00	3.732	428	13259	76.20	1.60	1.012	487	13320	96.50	5.00	3.880
370	13268	55.00	2.50	1.113	429	13658	76.20	2.00	1.259	488	13198	96.50	10.00	7.337
371	13398	55.80	7.35	3.021	430	13141	76.20	3.18	1.970	489	13592	96.50	25.00	15.162
372	13632	56.00	5.50	2.356	431	13281	76.20	6.35	3.762	490	13423	98.00	4.00	3.189
373	13556	56.80	14.40	5.179	432	13051	76.20	9.50	5.375	491	13258	98.00	26.00	15.878
374	13674	56.86	5.09	2.235	433	13624	76.20	10.00	5.615	492	13716	100.00	2.50	2.068
375	13085	57.00	6.75	2.877	434	13722	76.20	12.70	6.841	493	13095	100.00	3.20	2.627
376	13652	57.00	7.50	3.149	435	13498	76.50	23.50	10.565	494	13242	100.00	4.00	3.257
377	13549	57.00	18.00	5.955	436	13719	76.50	27.75	11.475	495	13540	100.00	5.00	4.029
378	13049	57.60	2.90	1.346	437	13471	78.18	4.00	2.517	496	13520	100.00	6.00	4.784
379	13682	57.80	16.90	5.863	438	13217	80.00	2.50	1.643	497	13252	100.00	8.00	6.243
380	13372	58.80	11.50	4.614	439	13569	80.00	3.00	1.959	498	13729	100.00	15.00	10.815
381	13062	59.50	4.50	2.099	440	13120	80.00	4.00	2.579	499	13743	100.00	15.00	10.815
382	13075	60.00	2.00	0.984	441	13349	80.00	5.00	3.180	500	S6102	100.00	16.00	11.400
383	13395	60.00	2.50	1.219	442	13191	80.00	6.00	3.766	501	13732	100.00	20.00	13.572
384	13196	60.00	10.00	4.241	443	13391	80.00	8.00	4.886	502	13659	101.60	2.30	1.937
385	S5647	60.00	12.00	4.886	444	13734	80.00	10.00	5.938	503	13219	101.60	3.20	2.671
386	13438	60.00	20.00	6.786	445	S5727	80.00	10.00	5.938	504	13069	101.60	5.74	4.667
387	13218	60.32	3.91	1.870	446	13515	80.00	11.50	6.682	505	13296	101.60	8.08	6.409
388	13525	60.33	5.28	2.468	447	13164	80.00	15.00	8.270	506	13407	101.60	10.00	7.770
389	13236	60.33	5.54	2.575	448	13744	80.00	15.00	8.270	507	13495	101.60	19.05	13.339
390	13653	61.00	8.00	3.596	449	13742	80.00	20.00	10.179	508	13322	102.00	12.00	9.160
391	13239	62.00	6.37	3.005	450	13725	80.00	21.00	10.509	509	13521	105.00	2.50	2.174
392	13050	63.00	1.60	0.833	451	13324	80.00	25.00	11.663	510	13604	105.15	1.90	1.664
393	13526	63.00	2.00	1.035	452	13527	80.20	2.00	1.327	511	13666	106.00	3.70	3.211
394	13453	63.00	3.00	1.527	453	13216	82.00	7.00	4.453	512	13151	108.00	3.00	2.672
395	13404	63.00	4.00	2.002	454	13261	82.00	21.50	11.033	513	13344	109.00	2.00	1.815
396	13397	63.00	9.00	4.122	455	13092	82.55	3.20	2.154	514	13455	110.00	5.00	4.453
397	13059	63.50	3.18	1.627	456	13313	85.00	1.30	0.922	515	S6003	110.00	10.00	8.842
398	13625	63.50	6.00	2.926	457	S6147	85.00	27.50	13.413	516	13668	110.00	15.00	12.087
399	13139	63.50	7.00	3.354	458	13189	86.00	8.00	5.293	517	13178	112.00	11.50	9.803
400	S5991	63.50	9.55	4.370	459	13045	86.35	3.18	2.243	518	13491	113.50	7.20	6.492
401	13448	64.00	6.00	2.952	460	13714	88.00	2.00	1.459	519	13605	113.54	2.04	1.925
402	13671	64.00	8.25	3.901	461	13715	88.00	3.00	2.163	520	13638	114.20	8.51	7.629

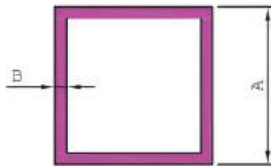
All dimensions in mm.

TUBE - 03

TUBES

SQUARE TUBES

SQUARE TUBES



SL. No.	Section No.	A	B	Weight kg/m
1	14490	11.00	0.60	0.067
2	14556	11.50	0.65	0.076
3	14519	12.00	0.55	0.068
4	14481	12.00	0.64	0.078
5	14527	12.20	1.20	0.143
6	14485	12.70	0.81	0.104
7	14451	12.70	1.22	0.151
8	14452	12.70	1.63	0.195
9	14555	15.50	0.65	0.104
10	14502	15.88	1.27	0.200
11	14491	16.00	1.00	0.162
12	14478	17.00	0.62	0.109
13	14474	17.50	1.44	0.245
14	14472	18.00	1.22	0.221
15	14531	18.00	2.00	0.345
16	14512	18.15	0.64	0.121
17	14486	18.50	0.69	0.133
18	14496	18.50	0.90	0.171
19	14544	19.00	3.00	0.518
20	14482	19.05	1.13	0.219
21	14453	19.05	1.22	0.235
22	14542	19.05	1.57	0.296
23	14454	19.05	1.63	0.307
24	14560	19.05	2.36	0.425
25	14552	19.05	3.18	0.545
26	14521	20.00	1.50	0.299
27	14509	20.00	1.70	0.335
28	14550	20.00	2.00	0.389
29	14536	20.00	3.25	0.588
30	14532	22.50	0.52	0.123
31	14483	22.50	0.55	0.130
32	14479	22.50	0.63	0.148
33	14487	23.00	0.76	0.182
34	14477	23.50	0.87	0.212
35	14557	23.50	0.92	0.224
36	14469	23.50	1.02	0.247
37	14520	24.50	0.67	0.172
38	14470	25.00	1.50	0.381
39	14504	25.00	1.80	0.451
40	14516	25.00	2.80	0.671
41	14476	25.40	0.82	0.219
42	14541	25.40	0.91	0.241
43	14466	25.40	1.25	0.326
44	14551	25.40	1.57	0.404
45	14455	25.40	1.63	0.418

SL. No.	Section No.	A	B	Weight kg/m
46	14456	25.40	2.00	0.505
47	14554	25.40	2.36	0.587
48	14465	25.40	2.41	0.598
49	14505	30.00	1.80	0.548
50	14497	30.00	3.00	0.874
51	14546	31.00	0.70	0.229
52	14467	31.75	1.25	0.412
53	14457	31.75	1.63	0.530
54	14458	31.75	2.00	0.643
55	14540	32.00	0.58	0.197
56	14529	32.00	1.70	0.556
57	14475	32.00	2.60	0.825
58	14488	35.00	0.93	0.342
59	14513	35.00	2.00	0.712
60	14539	36.00	0.70	0.267
61	14535	37.35	4.70	1.657
62	14524	37.50	0.80	0.317
63	14468	38.10	1.25	0.497
64	14511	38.10	1.37	0.547
65	14459	38.10	1.63	0.642
66	S6276	38.10	2.00	0.780
67	14460	38.10	2.13	0.827
68	14461	38.10	2.41	0.929
69	14533	38.10	5.00	1.787
70	14534	38.10	6.35	2.177
71	14518	40.00	0.80	0.339
72	14506	40.00	1.80	0.743
73	14564	40.00	2.00	0.821
74	14514	40.00	2.85	1.143
75	14480	40.00	3.00	1.198
76	14563	40.00	4.00	1.555
77	14522	44.45	2.00	0.917
78	14558	44.45	2.36	1.073
79	14473	44.46	3.20	1.426
80	14471	50.00	1.18	0.621
81	14525	50.00	1.50	0.785
82	14510	50.00	1.70	0.887
83	14462	50.00	2.00	1.037
84	14515	50.00	2.30	1.185
85	14503	50.00	2.70	1.379
86	14545	50.00	3.00	1.523
87	14553	50.80	2.36	1.235
88	14463	50.80	2.40	1.254
89	14464	50.80	3.05	1.573
90	14543	50.80	3.18	1.635
91	14498	60.00	4.00	2.419
92	14500	62.00	3.80	2.388
93	14489	62.00	5.00	3.078
94	14559	63.50	1.90	1.264
95	14492	63.50	2.38	1.571
96	14507	75.00	2.70	2.108
97	14526	75.00	3.20	2.481
98	14538	76.00	4.76	3.662
99	14493	76.20	2.38	1.897
100	14562	80.00	4.00	3.283

SL. No.	Section No.	A	B	Weight kg/m
101	14548	87.00	2.00	1.836
102	14549	87.00	2.90	2.634
103	14494	87.00	3.80	3.415
104	14484	87.00	4.00	3.586
105	14495	87.00	5.00	4.428
106	14508	100.00	3.00	3.142
107	14561	101.60	2.36	2.529
108	14517	101.60	3.18	3.374
109	14528	150.00	3.00	4.763
110	14547	150.00	5.00	7.830
111	14537	178.00	9.00	16.427
112	14530	200.00	4.00	8.467

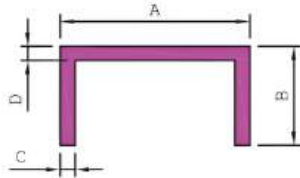
All dimensions in mm.

TUBE - 06

STRUCTURAL

CHANNELS

CHANNELS - SQUARE FILLET



SL. No.	Section No.	A	B	C	D	Weight kg/m
1	15660	5.50	10.90	1.10	1.10	0.074
2	15601	6.25	10.30	1.30	2.00	0.092
3	15693	6.60	9.50	0.80	0.80	0.052
4	15679	7.50	7.50	0.60	0.60	0.034
5	15666	7.80	6.90	0.49	0.49	0.027
6	15626	8.00	6.00	1.50	1.50	0.069
7	15715	8.00	7.00	0.36	0.36	0.021
8	15602	8.75	9.50	1.20	1.50	0.087
9	15771	8.75	9.50	1.10	1.40	0.081
10	15789	8.75	9.75	1.50	1.50	0.102
11	15635	9.00	8.00	0.57	0.57	0.037
12	15784	9.00	15.00	1.20	1.20	0.118
13	15776	9.30	9.30	0.55	0.55	0.040
14	15778	9.40	9.40	0.90	0.90	0.064
15	15603	9.52	9.52	0.57	0.57	0.042
16	15673	9.52	9.52	0.76	0.76	0.055
17	15702	9.52	9.52	0.95	0.95	0.068
18	15650	9.52	9.52	1.15	1.15	0.081
19	15604	9.52	9.52	1.60	1.60	0.110
20	15672	9.52	12.50	1.65	1.65	0.139
21	15706	10.00	12.00	2.80	2.80	0.214
22	15717	10.00	12.00	2.80	2.80	0.215
23	15668	11.70	11.70	0.51	0.51	0.047
24	15667	11.80	8.50	0.52	0.52	0.039
25	15622	12.00	9.00	0.62	0.62	0.048
26	15767	12.00	10.00	1.20	1.20	0.096
27	15724	12.00	15.00	1.80	1.80	0.186
28	15749	12.00	20.00	2.00	2.00	0.259
29	15740	12.50	15.00	1.00	1.00	0.109
30	15621	12.70	12.70	0.57	0.57	0.057
31	15674	12.70	12.70	0.85	0.85	0.083
32	15605	12.70	12.70	1.09	1.09	0.105
33	15606	12.70	12.70	2.38	2.38	0.213
34	15676	13.50	11.00	2.30	2.30	0.192
35	15726	14.00	14.00	1.00	1.00	0.108
36	15681	14.30	18.00	1.20	1.20	0.154
37	15692	14.50	14.50	0.90	0.90	0.101
38	15607	15.00	10.00	1.60	1.60	0.137
39	15630	15.00	12.00	1.10	1.10	0.109
40	15698	15.00	15.00	1.20	1.20	0.138
41	15659	15.00	15.00	2.00	2.00	0.221
42	15664	15.40	15.40	1.40	1.40	0.164
43	S5338	15.87	16.51	2.99	6.35	0.435
44	15783	16.00	4.00	1.50	1.50	0.085
45	15696	16.00	16.00	1.20	1.20	0.148
46	15675	16.00	19.00	1.20	1.20	0.167
47	15669	16.80	10.50	0.49	0.49	0.049
48	15782	16.95	9.85	1.20	1.20	0.111
49	15642	17.00	10.50	0.63	0.63	0.062
50	27418	18.00	4.50	2.40	3.20	0.171

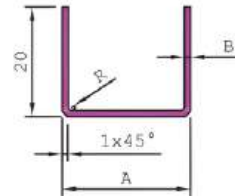
SL. No.	Section No.	A	B	C	D	Weight kg/m
51	15629	18.00	12.00	1.10	1.10	0.118
52	15741	19.00	15.00	1.00	1.00	0.127
53	15694	19.00	19.00	1.00	1.00	0.149
54	15619	19.05	12.70	1.25	1.25	0.141
55	15608	19.05	19.05	1.63	1.63	0.237
56	15684	20.00	10.00	1.40	1.40	0.140
57	15747	20.00	20.00	1.00	1.00	0.156
58	15665	20.00	20.00	3.00	3.00	0.438
59	15785	20.30	20.30	2.00	2.00	0.307
60	15670	22.00	10.00	0.62	0.62	0.069
61	15695	22.00	19.00	1.10	1.10	0.172
62	15712	22.00	20.00	1.10	1.10	0.178
63	15627	22.20	12.70	1.10	1.10	0.135
64	15719	22.40	14.22	1.52	1.52	0.195
65	15643	23.00	10.80	0.68	0.68	0.079
66	15646	23.00	11.00	1.19	1.19	0.136
67	15661	23.00	11.00	1.45	1.45	0.165
68	15662	23.00	11.00	1.62	1.62	0.182
69	15663	23.00	11.00	1.97	1.97	0.218
70	15742	23.00	15.00	1.00	1.00	0.137
71	15678	23.00	23.00	1.10	1.10	0.198
72	15632	24.00	11.00	1.20	1.20	0.141
73	15677	24.00	12.50	1.90	1.90	0.232
74	15700	24.60	4.00	1.10	1.20	0.096
75	15768	24.60	24.60	2.50	2.50	0.464
76	15763	25.00	15.00	5.00	6.00	0.661
77	15733	25.00	20.00	1.10	1.10	0.186
78	15769	25.00	30.00	2.50	2.50	0.540
79	15786	25.00	50.00	2.00	2.00	0.653
80	15718	25.16	19.03	1.40	1.40	0.228
81	15710	25.20	4.10	1.00	1.00	0.085
82	15633	25.40	12.70	1.22	1.22	0.159
83	15634	25.40	12.70	2.00	3.00	0.311
84	15610	25.40	12.70	3.18	3.18	0.381
85	S5417	25.00	41.00	7.00	10.00	1.847
86	15611	25.40	19.05	3.18	3.18	0.491
87	15775	25.40	25.40	1.20	1.20	0.239
88	15612	28.58	25.40	3.00	3.00	0.594
89	15647	30.00	13.00	0.90	0.90	0.130
90	15657	30.00	30.00	3.00	3.00	0.681
91	15618	31.50	19.00	3.00	3.00	0.514
92	15686	31.75	12.70	1.56	1.56	0.228
93	15613	31.75	12.70	3.18	3.18	0.435
94	15685	32.00	3.50	1.20	1.50	0.142
95	28048	33.00	7.00	5.00	5.00	0.499
96	S6033	34.00	33.00	1.40	1.40	0.367
97	15648	37.00	15.00	0.85	0.85	0.147
98	15743	38.00	15.00	1.00	1.00	0.178
99	15748	38.00	25.00	3.00	3.00	0.664
100	15649	38.10	12.00	2.50	2.50	0.385
101	15732	38.10	19.05	1.59	1.59	0.313
102	15682	38.10	19.05	2.40	2.40	0.462
103	15614	38.10	19.05	3.22	3.22	0.607
104	15751	38.10	38.10	3.18	3.18	0.926
105	15787	39.00	20.60	2.00	2.00	0.411
106	15739	40.00	20.00	1.10	1.10	0.231
107	15708	40.00	20.00	1.20	1.20	0.251
108	15774	40.00	20.00	1.50	1.50	0.311

All dimensions in mm.
STRUCTURAL - 01

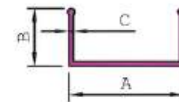
STRUCTURAL

CHANNELS

SL. No.	Section No.	A	B	C	D	Weight kg/m
109	15697	40.00	20.00	1.80	1.80	0.371
110	15658	40.00	40.00	4.00	4.00	1.210
111	15625	40.00	40.00	5.00	5.00	1.485
112	15699	42.50	25.00	2.00	2.00	0.478
113	15744	44.00	15.00	1.00	1.00	0.194
114	15615	44.00	25.40	2.95	2.95	0.708
115	15781	44.00	28.00	1.78	1.78	0.463
116	15620	44.45	25.40	3.18	4.78	0.928
117	15738	45.00	20.00	1.10	1.10	0.246
118	15720	45.00	30.00	3.00	3.00	0.802
119	15713	45.00	37.00	2.00	2.00	0.621
120	15791	45.00	50.00	5.00	5.00	1.822
121	15688	45.00	54.00	2.00	2.00	0.805
122	15745	50.00	15.00	1.00	1.00	0.210
123	15734	50.00	20.00	1.10	1.10	0.260
124	15730	50.00	25.00	1.80	1.80	0.468
125	15637	50.00	40.00	5.00	5.00	1.620
126	15683	50.80	25.40	3.00	3.00	0.773
127	15656	50.80	25.40	4.76	4.76	1.183
128	15701	50.80	25.40	6.59	7.35	1.650
129	15773	50.80	50.80	3.18	3.18	1.254
130	15728	67.00	39.00	2.80	2.80	1.053
131	15691	68.00	22.00	1.20	1.20	0.354
132	15765	75.00	35.00	4.00	4.00	1.479
133	15716	76.00	32.00	5.00	2.20	1.256
134	15617	76.20	50.80	3.18	3.18	1.472
135	15707	76.40	19.20	1.90	1.20	0.432
136	15770	90.00	75.00	12.50	17.50	8.133
137	15746	99.00	15.00	1.10	1.10	0.376
138	15762	100.00	25.00	1.50	1.50	0.595
139	15680	100.00	25.00	2.00	2.00	0.788
140	15709	100.00	30.00	1.10	1.10	0.468
141	15736	100.00	30.00	1.50	1.50	0.635
142	15766	100.00	50.00	10.00	10.00	4.860
143	15788	100.00	103.00	2.50	2.50	2.031
144	15725	101.60	50.80	5.00	5.00	2.608
145	15723	101.60	50.80	6.35	6.35	3.266
146	S6371	104.00	25.00	2.00	2.00	0.810
147	15703	110.00	25.00	2.00	2.00	0.842
148	15780	120.00	50.00	8.00	8.00	4.406
149	15779	120.00	60.00	8.00	8.00	4.838
150	S6032	127.00	48.00	12.00	12.00	6.447
151	15777	130.00	50.00	7.00	7.00	4.082
152	15729	130.00	67.50	11.60	11.60	7.573
153	15764	134.00	32.00	10.00	8.00	4.190
154	15750	150.00	50.00	4.00	4.00	2.613
155	15772	152.40	63.50	7.60	4.60	4.310
156	S6370	164.00	25.00	2.00	2.00	1.134
157	15790	200.00	100.00	12.00	12.00	12.182



SL. No.	Section No.	A	B	R	Weight kg/m
1	17545	23.40	1.13	0.60	0.184
2	17539	23.90	1.65	0.80	0.268



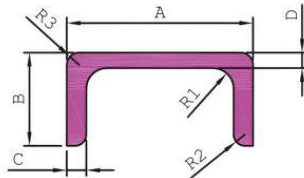
SL. No.	Section No.	A	B	C	Weight kg/m
1	17711	24.60	12.30	0.73	0.096
2	17579	24.60	12.30	0.95	0.123

All dimensions in mm.
STRUCTURAL - 02

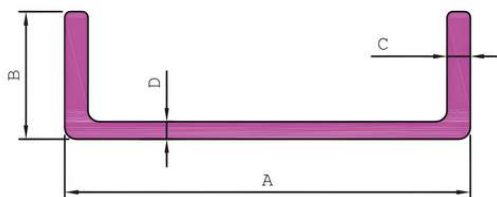
STRUCTURAL

CHANNELS

CHANNELS - ROUND FILLET TOES



SL. No.	Section No.	A	B	C	D	R1	R2	R3	Weight kg/m
1	16034	14.20	19.00	1.50	1.50	-	0.75	1.00	0.197
2	15792	16.00	16.00	0.80	0.80	0.40	0.75	0.40	0.100
3	17521	22.60	10.80	1.30	1.20	1.25	-	3.00	0.137
4	17621	27.00	14.00	1.50	1.50	1.60	0.75	3.20	0.200
5	16014	50.80	31.75	6.65	4.40	3.25	-	-	1.597
6	16029	53.80	25.40	4.76	4.76	8.00	-	12.76	1.107
7	16030	63.00	32.00	5.00	5.00	1.00	-	-	1.580
8	16027	63.50	25.40	4.76	4.76	8.00	-	12.76	1.232
9	16036	65.00	35.00	3.00	3.00	1.00	-	1.50	1.043
10	16010	75.00	40.00	5.00	5.00	5.00	-	-	1.986
11	16026	76.00	38.00	5.00	3.00	7.00	-	-	1.617
12	16031	76.20	38.10	5.70	4.00	8.00	-	-	1.943
13	16003	76.20	38.10	7.94	6.35	8.50	4.50	-	2.728
14	16035	85.00	40.00	3.00	3.00	1.00	-	2.00	1.284
15	S6343	88.80	28.50	2.90	2.90	2.10	1.45	5.00	1.067
16	16004	100.00	25.00	2.00	2.00	2.00	-	-	0.792
17	16015	100.00	50.00	1.80	1.80	1.50	-	-	1.061
18	16007	101.60	41.83	6.68	6.68	9.52	-	-	3.205
19	16001	101.60	50.80	7.90	6.40	9.10	-	-	3.746
20	16033	102.00	50.00	8.00	8.00	9.00	-	-	4.111
21	16032	120.00	20.00	3.00	3.00	-	-	3.00	1.237
22	16011	125.00	55.00	6.50	6.50	6.00	-	-	3.938
23	16038	127.00	70.00	8.00	5.00	6.00	-	-	4.563
24	16020	127.20	47.88	8.05	8.05	9.40	-	-	4.598
25	16006	140.00	50.00	8.00	8.00	6.00	-	-	4.881
26	16005	140.00	70.00	8.00	8.00	6.00	-	-	5.745
27	16021	152.40	51.60	8.10	8.10	11.20	-	-	5.380
28	16012	160.00	79.50	10.00	10.00	1.00	-	-	8.072
29	15737	177.80	58.40	9.98	9.98	11.11	-	-	7.543
30	16022	177.80	58.40	10.09	10.09	7.00	-	-	7.532
31	27565	177.80	95.25	12.70	12.70	3.17	3.17	15.87	11.455
32	16023	184.00	43.00	3.00	3.00	-	-	-	2.128
33	16017	203.20	65.00	11.84	11.84	12.70	-	-	10.081
34	16025	224.00	43.00	3.00	3.00	-	-	3.00	2.452
35	16018	250.00	75.00	5.00	5.00	10.00	-	-	5.380
36	16019	254.00	92.87	13.18	13.18	12.90	-	-	14.903
37	16024	254.00	92.87	13.18	13.18	12.90	-	8.00	14.829
38	16028	264.00	43.00	3.00	3.00	-	-	3.00	2.776



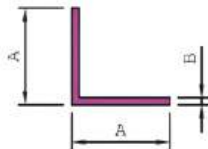
SL. No.	Section No.	A	B	C	D	Weight kg/m
1	27382	75.00	35.00	6.00	3.00	1.639
2	27383	100.00	40.00	6.50	3.50	2.221
3	27384	125.00	45.00	8.00	5.00	3.406
4	27385	150.00	50.00	10.00	5.00	4.446
5	27386	175.00	60.00	9.00	5.00	5.026
6	27387	200.00	65.00	9.00	5.00	5.607

All dimensions in mm.
STRUCTURAL - 03

STRUCTURAL

ANGLES

EQUAL ANGLES - SQUARE FILLET



SL. No.	Section No.	A	B	Weight kg/m
1	16508	6.00	1.50	0.042
2	16496	11.00	0.37	0.022
3	16442	11.00	0.47	0.027
4	16425	12.00	0.53	0.033
5	16500	12.00	1.30	0.079
6	16401	12.70	0.75	0.050
7	16402	12.70	1.52	0.098
8	16403	12.70	3.18	0.191
9	16459	15.00	1.30	0.100
10	16497	16.80	0.34	0.030
11	16443	16.80	0.39	0.035
12	16510	18.00	0.47	0.045
13	16426	18.00	0.60	0.057
14	16454	19.00	0.80	0.079
15	16404	19.05	0.62	0.064
16	16462	19.05	1.00	0.099
17	16405	19.05	1.31	0.130
18	16450	19.05	1.60	0.158
19	16478	19.05	2.00	0.195
20	16460	19.05	2.25	0.218
21	16436	19.05	2.75	0.262
22	16406	19.05	3.18	0.299
23	16446	20.00	1.20	0.126
24	16486	20.00	2.00	0.205
25	16444	21.00	0.46	0.052
26	16504	21.00	3.00	0.316
27	16498	23.00	0.55	0.067
28	16427	23.00	0.62	0.076
29	16433	23.50	1.90	0.231
30	16455	25.00	1.30	0.170
31	16424	25.00	1.50	0.196
32	16507	25.00	1.60	0.209
33	16463	25.00	1.80	0.234
34	16422	25.00	2.00	0.259
35	16441	25.40	0.80	0.108
36	16408	25.40	1.01	0.137
37	16407	25.40	1.22	0.163
38	16451	25.40	1.60	0.213
39	16461	25.40	2.10	0.273
40	16474	25.40	2.25	0.295
41	16409	25.40	3.18	0.409
42	16449	25.40	5.00	0.618
43	16456	28.00	1.80	0.263
44	16445	29.00	0.59	0.091
45	16464	30.00	1.80	0.283
46	16447	30.00	2.00	0.313
47	16468	30.00	2.80	0.432
48	16448	30.00	3.00	0.462
49	16418	30.00	5.00	0.742
50	16431	31.75	0.72	0.122
51	16410	31.75	1.57	0.262

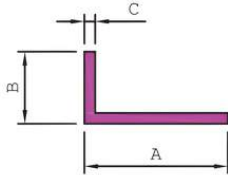
SL. No.	Section No.	A	B	Weight kg/m
52	16411	31.75	3.00	0.488
53	16472	32.00	5.00	0.797
54	16428	35.00	1.10	0.204
55	85521	35.00	2.00	0.367
56	16477	35.00	3.40	0.610
57	16489	35.00	4.00	0.712
58	16458	38.00	2.80	0.553
59	16482	38.00	5.00	0.959
60	16432	38.10	1.22	0.247
61	16499	38.10	1.50	0.302
62	16412	38.10	1.57	0.316
63	16479	38.10	2.25	0.449
64	16453	38.10	2.50	0.497
65	16483	38.10	2.76	0.546
66	16502	38.10	3.00	0.593
67	16413	38.10	3.18	0.627
68	16414	38.10	4.78	0.921
69	16421	38.10	6.35	1.197
70	16484	38.10	5.80	1.102
71	16506	40.00	1.60	0.338
72	16452	40.00	2.50	0.523
73	16465	40.00	2.80	0.584
74	16438	40.00	3.00	0.623
75	16423	40.00	4.00	0.820
76	16435	40.00	5.00	1.013
77	16419	45.00	5.00	1.147
78	16437	50.00	1.00	0.267
79	16505	50.00	1.60	0.425
80	16488	50.00	2.00	0.529
81	16469	50.00	2.80	0.735
82	16440	50.00	3.00	0.786
83	16491	50.00	4.00	1.036
84	16473	50.00	6.00	1.523
85	16481	50.00	8.00	1.987
86	16485	50.00	5.00	1.282
87	16487	50.80	1.60	0.432
88	16501	50.80	3.18	0.845
89	16415	50.80	4.78	1.249
90	16494	50.80	6.00	1.548
91	16430	50.80	6.35	1.633
92	16439	60.00	6.00	1.847
93	16503	60.00	8.00	2.419
94	16480	63.00	3.00	0.996
95	16416	63.50	4.78	1.577
96	16420	63.50	6.35	2.067
97	16470	75.00	2.70	1.074
98	16475	75.00	3.00	1.191
99	16417	75.00	4.78	1.873
100	S6235	76.20	4.75	1.893
101	16434	76.20	9.52	3.673
102	16429	80.00	8.00	3.283
103	16509	100.00	6.00	3.142
104	16492	100.00	10.00	5.130
105	16490	114.30	6.35	3.810
106	16493	160.00	12.00	9.979

All dimensions in mm.
STRUCTURAL - 07

STRUCTURAL

ANGLES

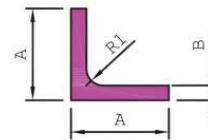
UNEQUAL ANGLES - SQUARE FILLET



SL. No.	Section No.	A	B	C	Weight kg/m
1	16763	14.90	9.90	2.00	0.123
2	16756	16.00	10.00	0.41	0.028
3	16790	16.00	10.00	0.70	0.048
4	16732	16.50	10.50	0.49	0.035
5	16729	18.00	10.00	1.60	0.114
6	16757	19.00	12.00	1.23	0.098
7	16719	19.05	12.70	0.62	0.052
8	16701	19.05	12.70	0.79	0.066
9	16734	19.50	10.00	2.00	0.148
10	16760	19.50	15.88	2.38	0.212
11	16738	22.00	10.00	1.60	0.131
12	16744	22.00	12.70	3.00	0.257
13	16754	22.25	12.70	2.00	0.178
14	16733	22.50	11.00	0.50	0.044
15	16775	25.00	9.60	1.70	0.151
16	16780	25.00	11.00	0.80	0.076
17	16787	25.00	16.00	2.30	0.240
18	16717	25.00	16.00	2.50	0.259
19	16721	25.40	12.70	0.64	0.065
20	16720	25.40	12.70	1.22	0.121
21	16702	25.40	12.70	1.57	0.154
22	16773	25.40	19.05	1.60	0.185
23	16704	25.40	20.64	1.98	0.235
24	16777	28.04	21.69	2.64	0.335
25	16736	30.00	20.00	3.00	0.381
26	16769	30.00	25.00	3.00	0.421
27	16706	31.75	19.05	3.18	0.409
28	S5595	35.00	20.00	3.00	0.421
29	16723	37.00	24.00	0.80	0.130
30	16788	38.00	25.00	2.18	0.358
31	16743	38.10	22.22	2.50	0.390
32	16742	38.10	25.40	1.82	0.303
33	16749	38.10	25.40	2.36	0.390
34	16708	38.10	25.40	3.18	0.517
35	16726	38.10	25.40	4.75	0.753
36	16711	40.00	20.00	3.00	0.461
37	16771	44.00	22.00	2.00	0.345
38	16779	44.45	25.40	1.50	0.276
39	16765	45.00	25.00	4.00	0.712
40	16724	49.00	24.00	1.10	0.218
41	16748	50.00	25.00	2.30	0.451
42	16768	50.00	25.00	3.00	0.583
43	16716	50.00	25.40	5.00	0.950
44	16766	50.00	30.00	3.00	0.623
45	16772	50.00	40.00	4.00	0.928
46	16753	50.80	25.40	3.48	0.683
47	16709	50.80	38.10	6.35	1.415
48	16755	55.30	30.00	1.50	0.339
49	16758	55.30	28.30	2.50	0.547
50	16747	60.00	30.00	1.40	0.335

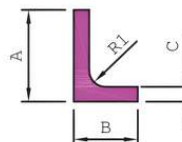
SL. No.	Section No.	A	B	C	Weight kg/m
51	16739	60.00	40.00	3.00	0.786
52	16796	60.00	40.00	8.00	1.987
53	16783	60.00	50.00	3.00	0.866
54	16737	60.00	50.00	8.00	2.203
55	16751	63.00	38.00	5.00	1.295
56	16718	63.50	19.05	1.22	0.268
57	16774	63.50	22.23	3.18	0.708
58	16761	68.15	15.05	3.00	0.649
59	16789	70.00	20.00	3.00	0.704
60	16782	75.00	50.00	5.00	1.620
61	16735	80.00	50.00	5.00	1.688
62	16797	80.00	60.00	10.00	3.509
63	16795	91.50	50.00	4.00	1.485
64	16792	100.00	20.00	4.00	1.252
65	16741	100.00	40.00	3.00	1.110
66	16791	100.00	50.00	5.00	1.957
67	16784	100.00	50.00	5.00	1.957
68	16785	100.00	50.00	6.00	2.332
69	16786	100.00	50.00	8.00	3.067
70	16762	101.00	76.00	6.35	2.925
71	16794	122.70	50.00	4.00	1.822
72	16778	150.00	40.00	2.00	1.015
73	16776	152.40	38.10	3.18	1.608
74	16793	160.00	100.00	10.00	6.750
75	16781	160.00	100.00	12.00	8.035
76	16767	180.00	55.00	5.00	3.105

EQUAL ANGLES-ROUND FILLET TOES



SL. No.	Section No.	A	B	R1	Weight kg/m
1	16903	31.75	3.18	5.08	0.532
2	16906	38.10	4.78	4.76	0.934
3	16911	45.00	4.00	4.00	0.937
4	16912	50.80	6.20	6.50	1.621
5	16910	88.00	6.00	6.00	2.774

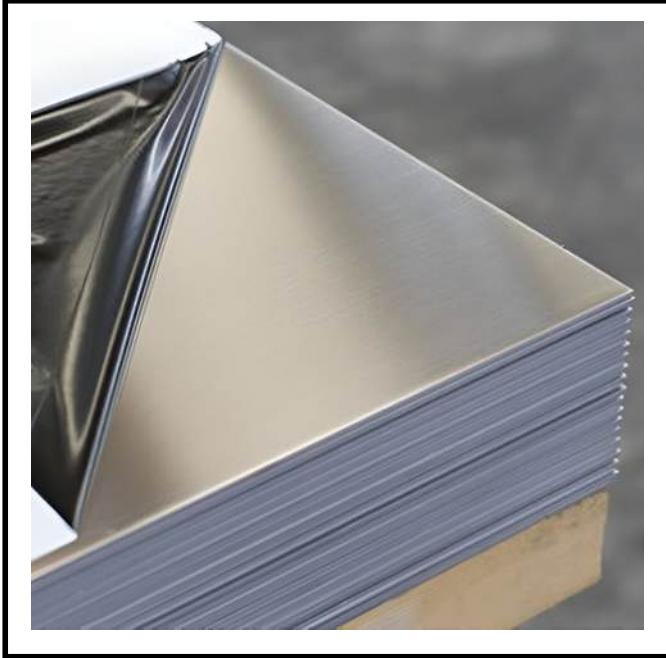
UNEQUAL ANGLES-ROUND FILLET TOES



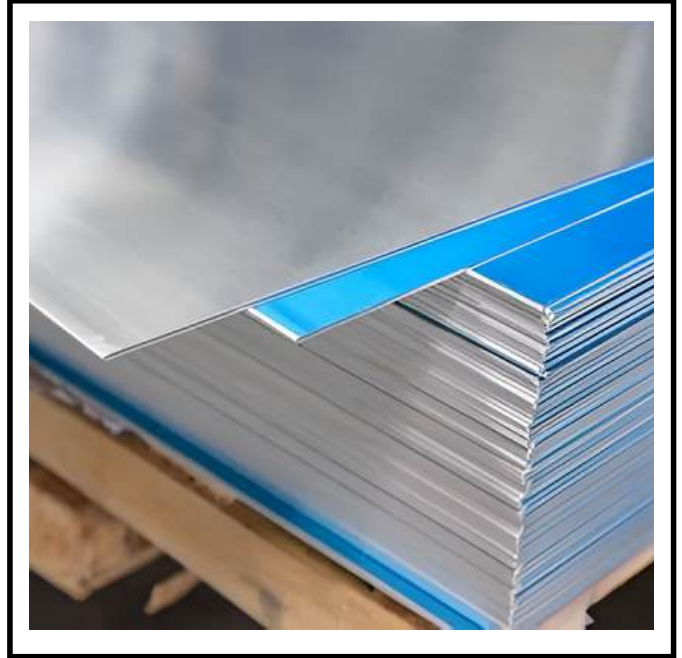
SL. No.	Section No.	A	B	C	R1	Weight kg/m
1	16952	63.50	50.80	4.78	5.50	1.448
2	16957	75.00	50.00	6.20	6.50	2.013
3	27390	101.60	31.75	3.80	2.40	1.330
4	25146	120.00	80.00	8.00	8.00	4.184

All dimensions in mm.
STRUCTURAL - 08

SHEETS AND COILS



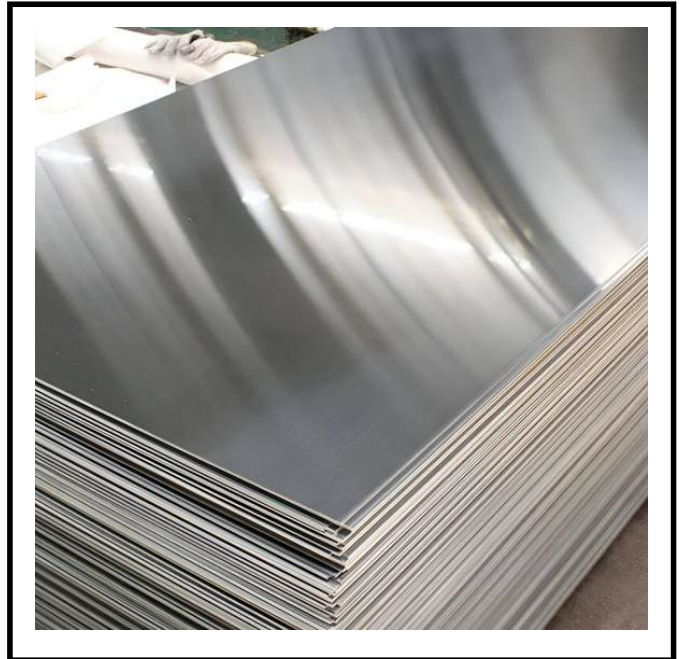
1100 Aluminium Sheet
Thickness: 0.46-6mm



5052 Aluminium Sheet
Thickness: 0.46-6mm

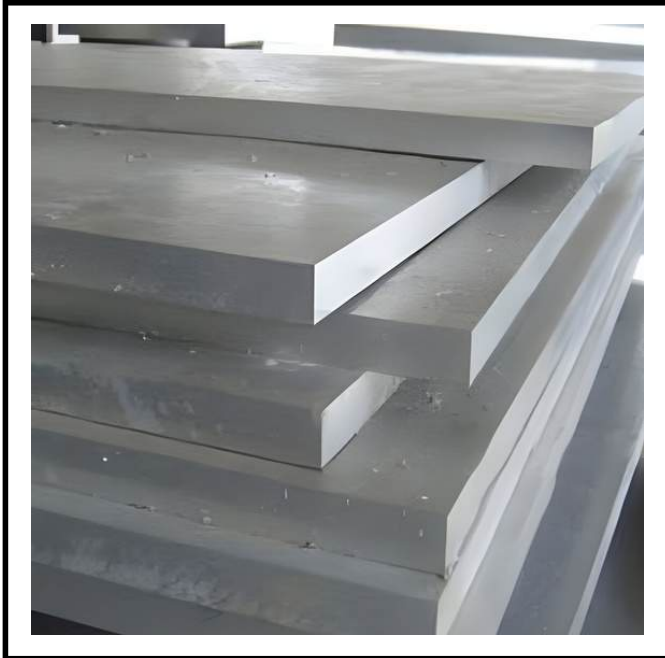


8011 Aluminium Coils
Thickness: 0.28-2mm

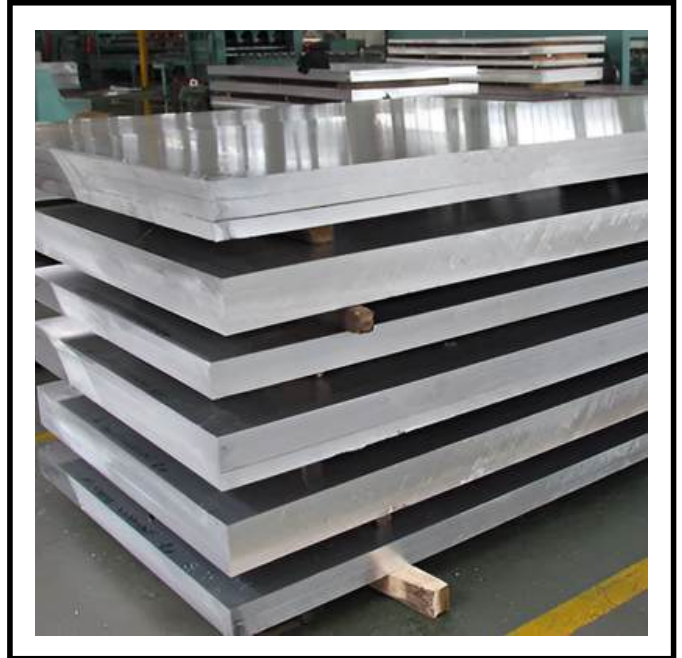


5754 Aluminium Sheet
Thickness: 0.46-6mm

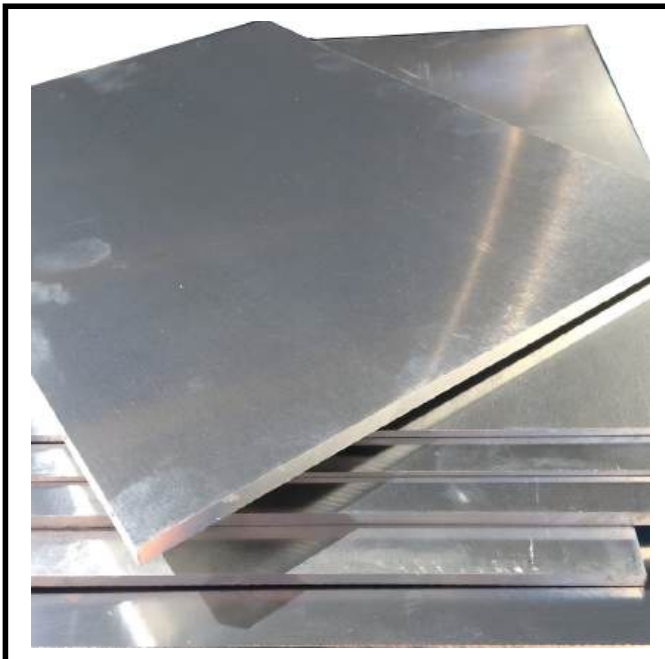
PLATES



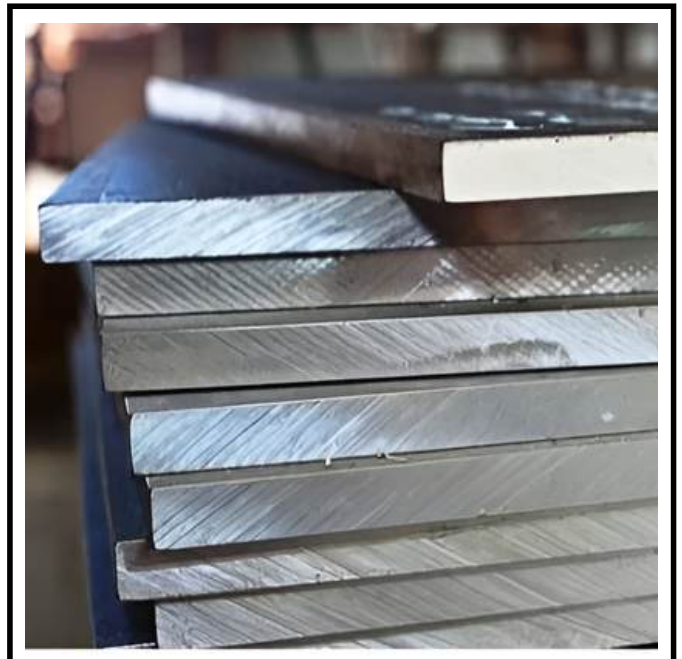
6061 Aluminium Plates
Thickness: 8 to 300mm



6082 Aluminium Plates
Thickness: 8 to 300mm

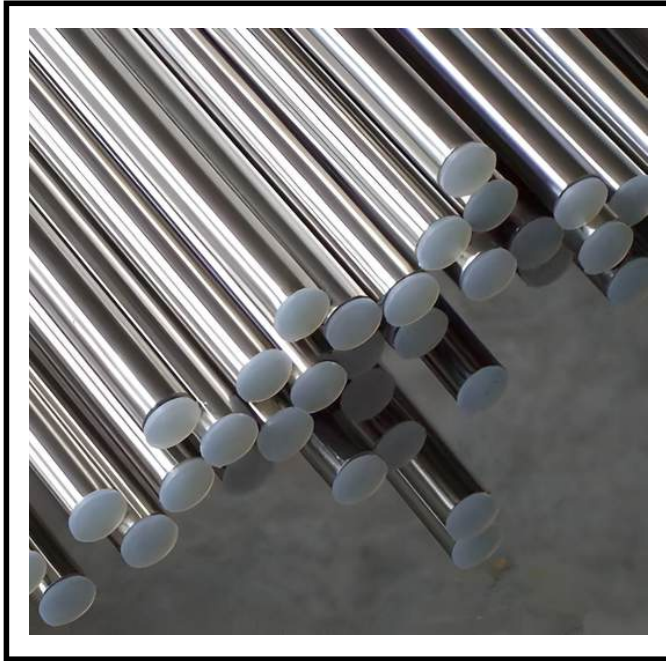


5083 Aluminium Plates
Thickness: 8 to 300mm



7075 Aluminium Plates
Thickness: 8 to 300mm

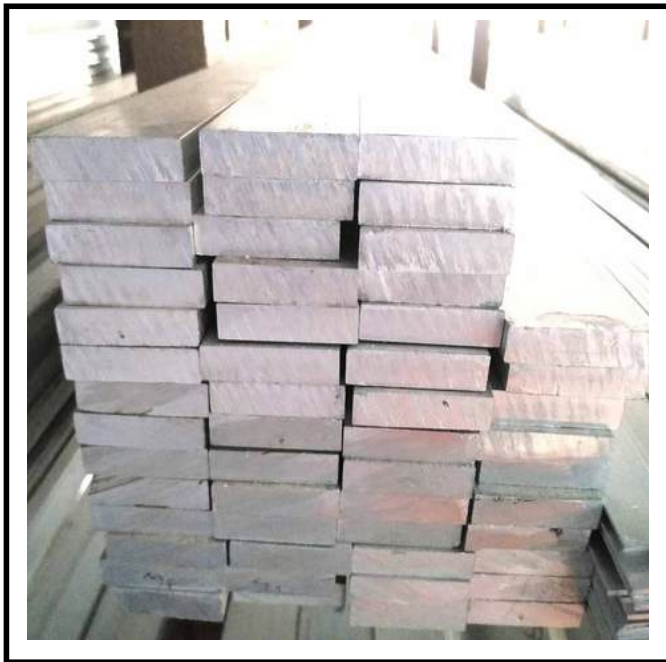
EXTRUSIONS



6061



6082



7075



5083

MACHINE



Lamination Machine

20MM (H) X 1500MM (W) X 4000MM (L)



Vertical Bandsaw

600mm(H) x 1500mm(W) x 3000mm(L)

*Slicing Option Available



Horizontal Bandsaw

600mm(H) x 1500mm(W) x 3000mm(L)

*Slicing Option Available



Small Vertical Bandsaw

WAREHOUSE



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Thank You

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