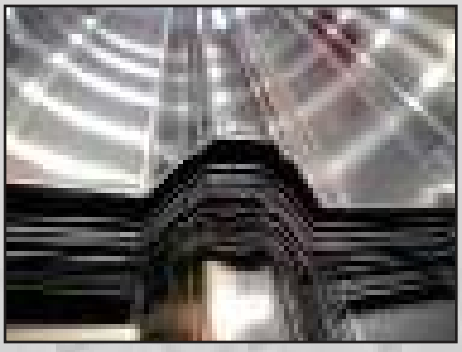
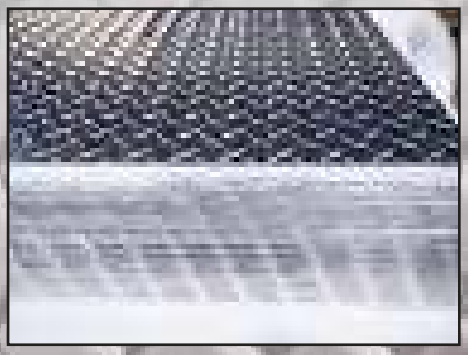




METAL BEST CORPORATION

- ALUMINIUM SHEETS
- ALUMINIUM PLATES
- ALUMINIUM COILS
- ALUMINIUM STRIPS
- ALUMINIUM FOILS



ALUMINIUM SHEETS

MAIN USE-

LIGHTING, SOLAR REFLECTIVE FILM, BUILDING EXTERIOR, INTERIOR DECORATION, FURNITURE, ELEVATORS, SIGNAGE, AUTOMOTIVE INTERIOR AND EXTERIOR DECORATION, HOUSEHOLD APPLIANCES AND SO ON.

ALLOY	TEMPER	THICKNESS (mm)	WIDTH (mm)	LENGTH	REMARKS
1050/1060/ 1100/1200 3003/3004/ 3005/3105 5005/5052/ 5754/5083 6061 8011	0 T6 H12 H22 H14 H24 H18 H32 H 111	0.2-6.0	305-1525	500-9000	PRODUCTS VARIOUS SPECIFICATIONS BY CUSTOMERS REQUIREMENT.

ALUMINIUM CHECKERED PLATE

MAIN USE

AIR CONDITION, CAR, PLATFORM, PIPELINE, SCREEN FRAMEWORK, THE TABLE LEG, TRIM STRIP, HANDLES AND SO ON.

ALLOY	TEMPER	THICKNESS (mm)	WIDTH (mm)	LENGTH	REMARKS
1100/1200 3003/3005/ 3105 5005/5052/ 8011	O H12 H22 H14 H24 H18 H32	0.3-6.0	305-1550	500-9000	PRODUCTS VARIOUS SPECIFICATION BY CUSTOMERS REQUIREMENT



ALUMINIUM COIL

MAIN PRODUCTS:
1 SERIES, 3 SERIES, 5 SERIES AND 8 SERIES

MAIN USE:
ELECTRIC, PACKING, BUILDING, CABLE ETC.

ALLOY	TEMPER	THICKNESS (mm)	WIDTH (mm)	ID	REMARKS
1050/1060/ 1100/1200 3003/3005/ 3105 5005/5052/ 5754/5083 6061 8011	O H12 H22 H14 H16 H18 H32 H32 H112 T6… ETC	0.2-4.0	305-1550	508 405 305 150 75	PRODUCTS VARIOUS SPECIFICATION BY CUSTOMERS REQUIREMENT



ALUMINIUM STRIP

MAIN PRODUCTS:
1 SERIES, 3 SERIES, 5 SERIES AND 8 SERIES

MAIN USE:
TRANSFORMERS ALUMINUM STRIP, FINRADIATOR, CABLE, ALUMINIUM PLASTIC COMPOSITE PIPE, CABLE, OPTICAL CABLE, HEATER, BLINDS AND SO ON.

ALLOY	TEMPER	THICKNESS (mm)	WIDTH (mm)	ID	REMARKS
1050/1060/					PRODUCTS VARIOUS SPECIFICATION BY CUSTOMERS REQUIREMENT
1100/1200	O	0.2-4.0	5-1550	508	
3003/3005/	H12 H22			405	
3105	H14 H16			305	
5005/5052/	H18 H32			150	
5754/5083	H32 H112			75	
8011	T6… ETC				

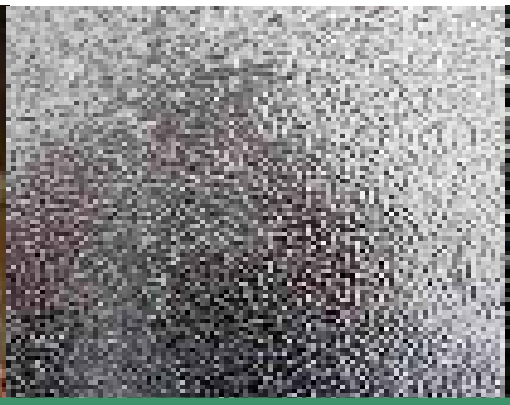
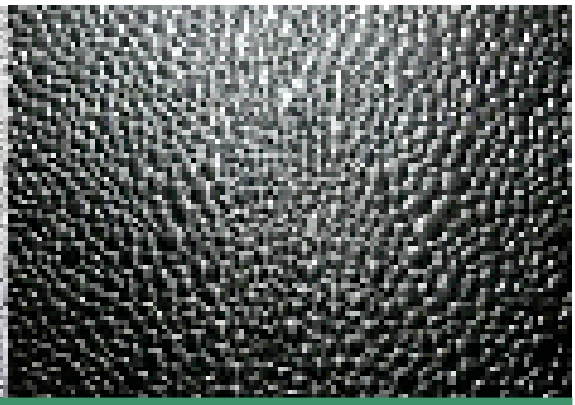


ROLLER COATED ALUMINUM COIL

MAIN USE :

ELEVATORS, BUILDING EXTERIOR, LIGHTING, FURNITURE, AERONAUTICS AND ASTRONAUTICS, SIGNAGE, INTERIOR DECORATION AND SO ON.

ALLOY	TEMPER	THICKNESS (mm)	WIDTH (mm)	ID	REMARKS
1050/1060/					PRODUCTS VARIOUS SPECIFICATION BY CUSTOMERS REQUIREMENT
1100/1200	O	0.25-6.0	30-1600	508	
3003/3005/	H12 H22			405	
3105	H14 H16			305	
5005/5052/	H18 H32			150	
5754/5083				75	

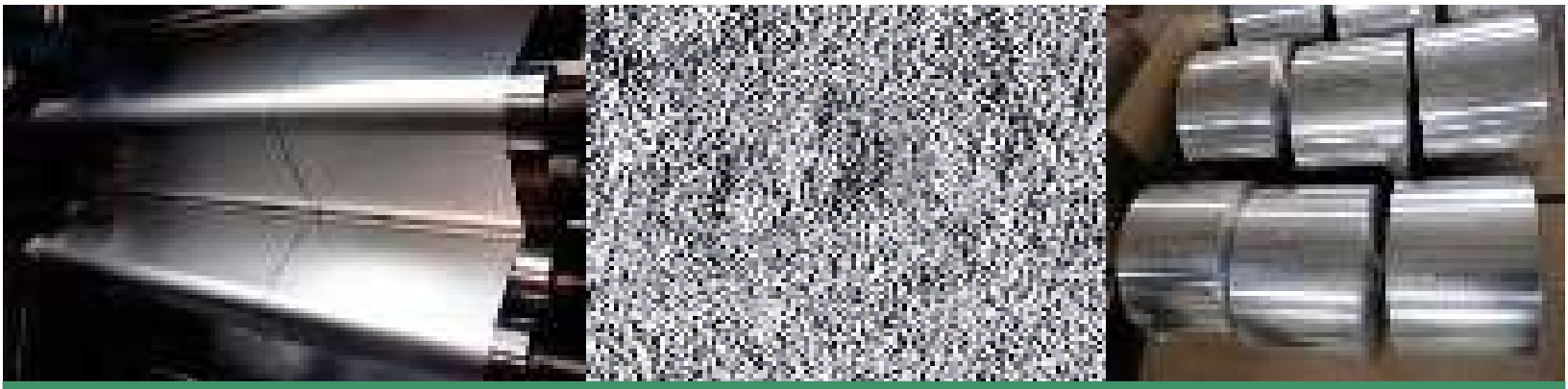




EMBOSSED ALUMINIUM COIL

MAIN USE :

REFRIGERATOR, DECORATION AND SO ON.

ALLOY	TEMPER	THICKNESS (mm)	WIDTH (mm)	ID	REMARKS
1050/1060/ 1100/1200 3003/3005/ 3105 8011	O H12 H22 H14 H16 H18 H32	0.2-2.0	300-1250	508 405 305 150	PRODUCTS VARIOUS SPECIFICATION BY CUSTOMERS REQUIREMENT



ALUMINUM FOIL

MAIN PRODUCTS:
1 SERIES, 3 SERIES, 5 SERIES AND 8 SERIES

MAIN USE :
AIR CONDITIONER FOIL, FOOD FOIL, HOUSE HOLD, CABLE FOIL.

ALLOY	TEMPER	THICKNESS	WIDTH	ID	REMARKS
8011 3003 1100 1235	O H12 H22 H14 H16 H18	0.006-0.2	40-1550	508 305 150 75	PRODUCTS VARIOUS SPECIFICATION BY CUSTOMERS REQUIREMENT

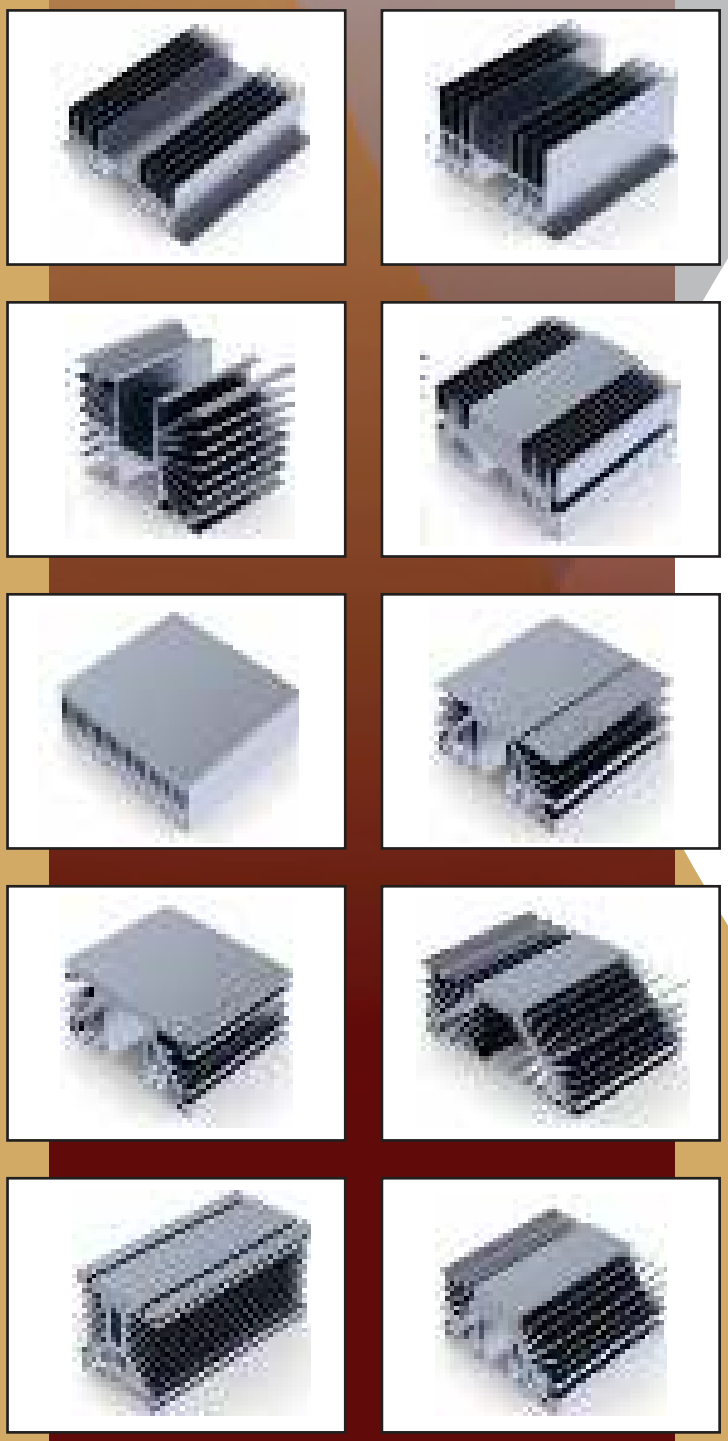
METAL BEST CORPORATION

AUTHORIZED STOCKIEST AND DEALERS

We are authorized stockiest and dealers of JINDAL& HINDALCO for aluminum sheets and extrusions. We have the debutant of the year award from HINDALCO in south India region for excellent performance in the market. We have also won best performance of year from JINDAL.

Persons to contact :	Kanti Jain	98450 96268
	Nitin Jain	97400 70733
	Mahesh Jain	99003 05648

41/2, 1st Main Road, Avalahalli, Byatarayanapura Extension
Mysore Road, Bengaluru - 560 026
Phone : 080-26744591, 26744592
E-mail : info@metalbestcorp.com, metalbestcorp@yahoo.com
www.metalextrusions.in



METAL EXTRUSIONS

- FLAT BARS
- RODS
- TUBES
- ANGLES & CHANNELS

OBJECTIVES

To become the leading supplier in the country for aluminum related products and to expand internationally.

MISSION

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

VISION

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

THE TEAM

The company possesses a team of dedicated and high quality professionals who are committed to achieve organizational goals by offering quality products. It comprises quality experts, finance consultants, staff, skilled &semi-skilled staff and sales & marketing executives. These professionals are honest and well versed with industry norms and thus, are capable of handling bulk orders. Regular training sessions are conducted for team members to keep themselves updated with industry developments. Moreover, owing to the committed efforts of team members, customized solutions are provided.

Mechanical Properties

Alloy Designation	Temper	CCD (mm)	Tensile Strength (Min) Kg/mm^2	0.2% Proof Stress (Min) Kg/mm^2	% Elongation on 50mm (Min)
AA6063/ALCAN 50S/IS63400	M/F	All	11.2	-	13
	W/T4	0 - 150	14.3	8.2	14
	WP/T6	150 - 200	12.8	8.2	13
		0 - 150	18.9	15.3	7
		150 - 200	15.3	13.3	6
*AA1050/ALCAN C1S/IS19501	M/F	-	6.12	-	25
**AA6101/ALCAN D50S/IS64423	WP/T6 (Range1)	All	17.34	13.77	12
	WP/T6 (Range2)	All	20.4	17.34	10
	M/F	All	11.2	8.2	12
AA6351/AA6082/ALCAN B51S/	W/T4	0 - 150	18.9	12.2	14
IS64430	WP/T6	150 - 200	17.3	10.2	12
		0 - 75	31.5	27.5	7
		75 - 150	30.1	27.5	7
		150 - 336	28	23	7
AA6061/ALCAN D65S/IS65032	M/F	All	11.2	5.1	12
	W/T4	0 - 150	18.9	11.7	14
	WP/T6	150 - 200	17.3	10.2	12
		0 - 150	28.5	24	7
		150 - 200	25	20.4	6
AA6066/ALCAN C62S/IS64423	M/F	All	11	-	12
	W/T4	0 - 75	19	12	14
	WP/T6	0 - 75	36	31.5	7
		75 - 150	34	31.5	7
		75 - 150	30.1	27.5	7
AA2014/ALCAN B26S	M/F	All	15.3	-	12
	W/T4	Oct-75	39.5	24	10
	WP/T6	75 - 150	39.5	24	8
		150 - 200	38.3	23	8
		Oct-25	47	41	6
		25 - 75	49	43	6
		75 - 150	47	41.3	6
		150 - 200	43.9	38.8	6
AA2024/ALCAN 24S	W/T4	10.2	40.5	26.5	12
		20.75	41.5	27.5	14
AA7075/ALCAN 75S	WP/T6	All	56.1	50	5

* Electrical Conductivity at 200C : 60% IACS (Min)
** Electrical Conductivity at 200C : 56.5% IACS (Min) for range 1

Chemical Composition (%)

Alloy Designation (Si)	Silicon (Fe)	Iron (Ti)	Titanium (Mn)	Manganese (Mg)	Magnesium (Cu)	Copper (Zn)	Zinc (Cr)	Chromium Each	Others Total	Others
AA6063/ ALCAN 50S/IS63400	0.30 - 0.70	0.6	0.2	0.3	0.40 - 0.90	0.1	0.2	0.1	0.05	0.15
AA1050/ ALCAN C1S/IS19501	0.15	0.35	-	0.02	-	0.04	0.02	0.02	0.03	0.1
AA6101/ ALCAN D50S/IS63401	0.3 - 0.7	0.5	0.1	0.03	0.4 - 0.9	0.05	0.1	0.03	0.03	0.1
AA6351/ ALCAN B51S/IS64430	0.60 - 1.30	0.6	0.2	0.40 - 1.00	0.40 - 1.20	0.1	0.1	0.025	0.05	0.15
AA6082	0.70 - 1.30	0.5	0.1	0.40 - 1.00	0.60 - 1.20	0.1	0.2	0.025	0.05	0.15
AA6061/ ALCAN D65S/IS65032	0.40 - 0.80	0.7	0.15	0.15	0.80 - 1.20	0.15 - 0.40	0.25	0.04 - 0.35	0.05	0.15
ALCAN C62S/IS64423	0.70 - 1.30	0.8	-	1	0.50 - 1.30	0.50 - 1.10	-	-	0.07	0.25
AA6066	0.90 - 1.80	0.5	0.2	0.60 - 1.10	0.80 - 1.40	0.70 - 1.20	0.25	0.4	0.05	0.15
AA2014	0.50 - 1.20	0.7	0.15	0.40 - 1.00	0.20 - 0.80	3.90 - 5.00	0.25	0.1	0.05	0.15
ALCAN B26S	0.50 - 1.20	0.7	0.3	0.30 - 1.200	0.20 - 0.80	3.80 - 5.00	0.2	0.3	0.05	0.15
AA2024	0.5	0.5	0.15	0.30 - 0.90	1.20 - 1.80	3.80 - 4.00	0.25	0.1	0.05	0.15
ALCAN 24S	0.5	0.5	-	0.30 - 0.90	1.20 - 1.80	3.80 -4.00	0.25	0.1	0.05	0.15
AA7075	0.4	0.5	0.2	0.3	2.10 - 2.90	1.20 - 2.00	5.10-6.40	0.18 - 0.28	0.05	0.15
75S	0.4	0.5	0.2	0.3	2.10 - 2.90	1.20 - 2.00	5.10-6.40	0.2	0.05	0.15

Note: Single figure shows maximum limit



ALUMINUM FLAT BARS

Main use :
Control panel industries, transformers, punch components industries etc.

Specification :

Alloy(AA) New(ISS)	TEMPER	WIDTH	THICKNESS	ULTIMATE TENSILE STRENGTH (kg/mm)		0.2% proof Stress (kg/mm)	Elongation on 50mm GL
				Min	Max		
6101	T4(W)	9.2 mm	2 mm	14	-	8	12
(91E)	T6(WP)	To	To	20.5	-	17	10
(63401)		330 mm	65 mm	-	-		



RODS

Alloy(AA) New(ISS)	TEMPER	ULTIMATE TENSILE STRENGTH (kg/mm)		0.2% proof Stress	Elongation On 50mm	ROUND (diameter)	SQUARE mm	HEZAGON mm
		Min	Max	(kg/mm)	GL			
2014(H15) (24345)	T4(W) T6(WP)	39 49	- -	24 43	10 6			
2017(H14) (24534)	T4(W)	39	-	24	10	6.35 To	6.35 To	5 To
2024(H9)	T4(W)	40.5	-	26.5	12	289	206	100
6061(H20) (65032)	M T4(W) T6(WP)	11.2 19 28.5	- - -	5.1 11.5 24	12 14 7			
6351(H30) (64430)	M T4(W) T6(WP)	11.2 19 31.5	- - -	8.2 12 27.5	12 14 7			



TUBE

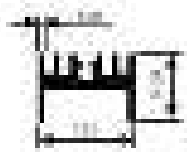
Alloy(AA) New(ISS)	TEMPER	ULTIMATE TENSILE STRENGTH (kg/mm)		0.2% proof Stress (kg/mm)	Elongation On 50mm GL	OD mm	Thickness mm
		Min	Max				
6063 (H9) (63400)	T4(W) T6(WP)	14 19	8 15.5		14	9.5 To 225	1.4 To 30
6101 (91E) (63401)	T4(W) T6(WP)	14 20.5		8 17	12 10		



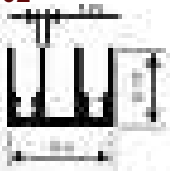
ANGLES AND CHANNELS

Alloy(AA) New(ISS)	TEMPER	ULTIMATE TENSILE STRENGTH (kg/mm)		0.2% proof Stress	Elongation On 50 mm	ANGLES mm		CHANNELS mm	
		Min	Max	(kg/mm)	GL	Size	Thickness	Size	Thickness
6063(H9) (63400)	T4(W) T6(WP)	14 19		8 15.5	14	12.7 TO 153	1.5 TO 12.7	10.3x6 TO 269x75	1.25 TO 35
6101 (91E) (63400)	T4(W) T6(WP)			12 10					

MEM 01

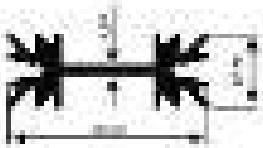


MEM 02



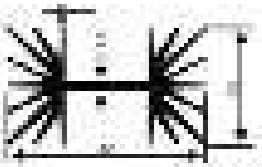
MEM 03

MEM 04

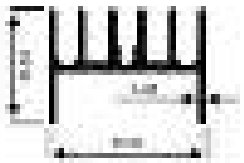


MEM 05

MEM 06



MEM 07



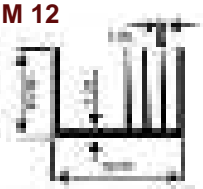
MEM 08

MEM 09

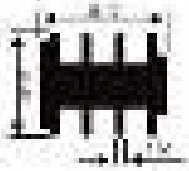
MEM 10

MEM 11

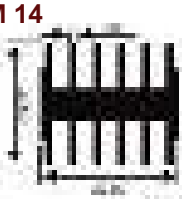
MEM 12



MEM 13



MEM 14

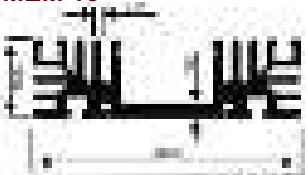


MEM 15

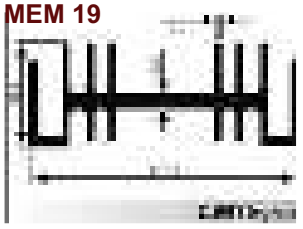
MEM 16

MEM 17

MEM 18



MEM 19



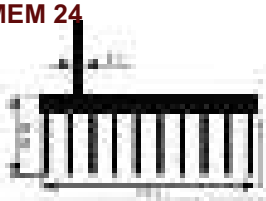
MEM 20

MEM 21

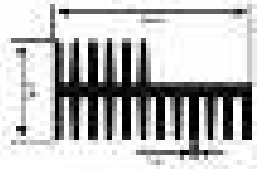
MEM 22

MEM 23

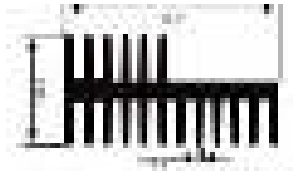
MEM 24



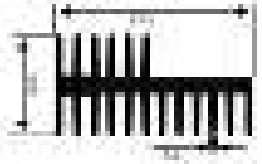
MEM 25



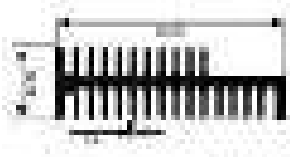
MEM 26



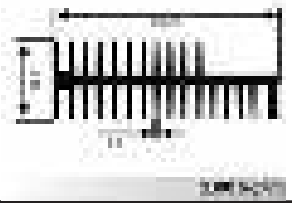
MEM 27



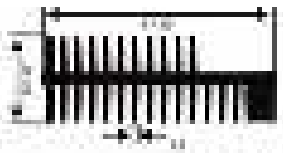
MEM 28



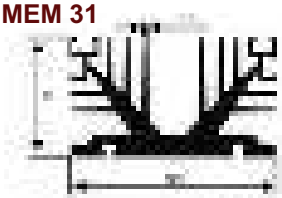
MEM 29



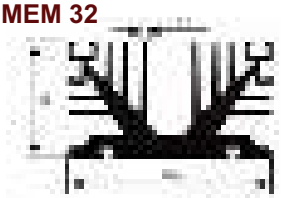
MEM 30



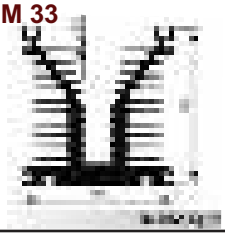
MEM 31



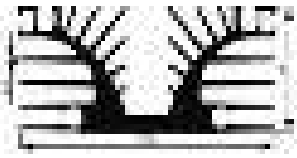
MEM 32



MEM 33

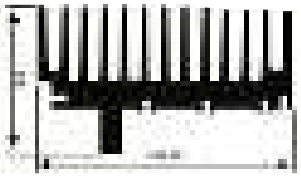


MEM 34

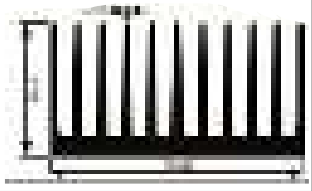


MEM 35

MEM 36



MEM 37



MEM 38

MEM 39

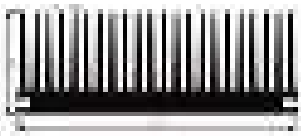
MEM 40

MEM 41

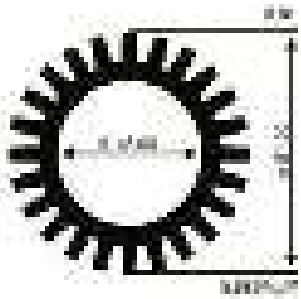
MEM 42

MEM 43

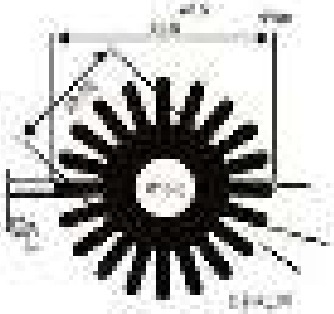
MEM 44



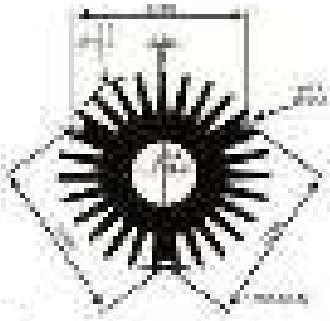
MEM 45



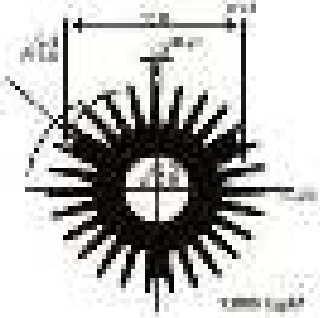
MEM 46



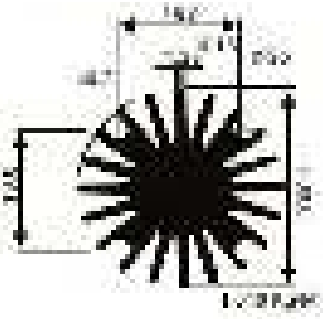
MEM 47



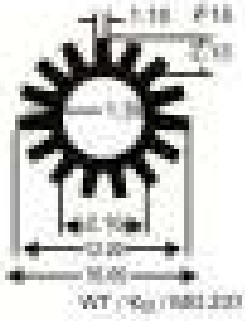
MEM 48



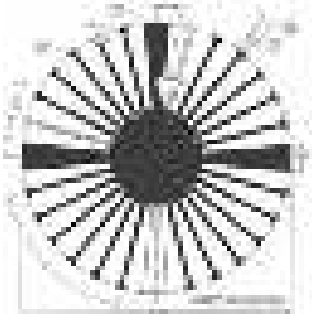
MEM 49

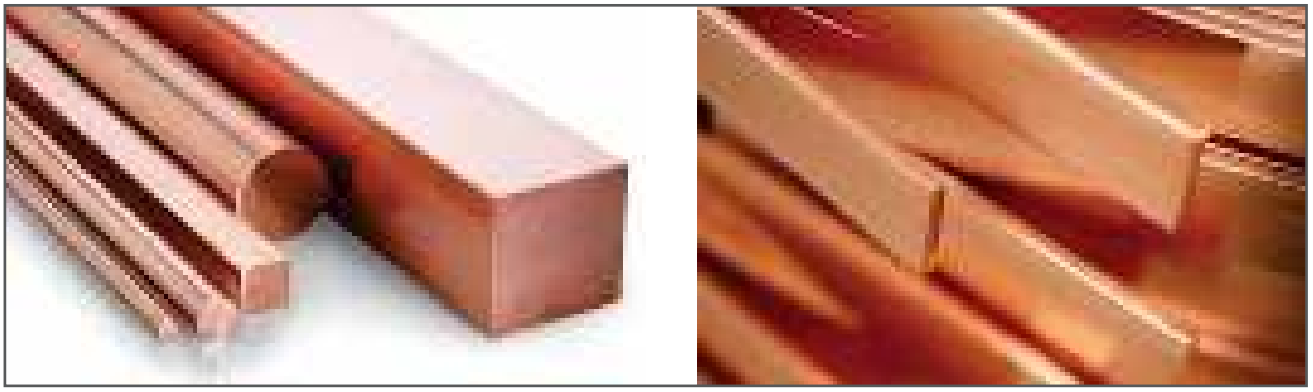


MEM 50



MEM 51





COPPER

Chemical Composition of Copper

Material	Normal Composition	Nearest Relevant Composition Specification		
		BS:2870	ISO	JIS
Electrolytic Tough Pitch H.C. Copper	Cu - 99.90% Min Pb - 0.005% Max Bi - 0.001% Max O2 - 0.060% Max	C 1001	Cu ETP 1337	H 3100 C 1100
Phosphorous Deoxidized	Cu - 99.85% Min P - 0.013 0.050%	C 10G	Cu DHP 1337	H 3100 C 1220

* Material confirming to other National Specification eg. ASTM, DIN etc. is also provided.
* Available in Strips, Sheets, Plates & Circles form.

COPPER
Typical Mechanical Properties as per BS:2870

Material	Temper	Tensile Strength	Elongation % on 50 mm G.L.	Vickers VPN	ISO	JIS
Electrolytic Tough Pitch H.C. Copper	'O' M ½ HH	210 Min 210 Min 240 Min 290 Min	35 Min 35 Min 10 Min -	55 Max 65 Max 70 to 95 90 Min	Cu ETP ISO:1337	H 3100 C 1100
Phosphorous Deoxidized Copper	'O' M ½ HH	210 Min 210 Min 240 Min 290 Min	35 Min 35 Min 10 Min -	55 Max 65 Max 70 to 95 90 Min	Cu DHP ISO:1337	H 3100 C 1220

'O' : Annealed condition
½ H : Half Hard
H : Hard
* : Electric Conductivity at 20° Cel. 100% IACS (For Cu ETP 'O' Temper)

AVAILABLE IN THICKNESS AND SIZES :
THICKNESS- 0.1MM TO 8MM
SIZE- 2MM TO 406MM

METAL EXTRUSIONS

AUTHORIZED STOCKIEST AND DEALERS

We are authorized stockiest and dealers of JINDAL& HINDALCO for aluminum sheets and extrusions. We have the debutant of the year award from HINDALCO in south India region for excellent performance in the market. We have also won best performance of year from JINDAL.

Persons to contact :	Hitesh Jain	98800 77112
	Vikram Jain	99020 11313
	Ravi Jain	99029 01977

107/1, 1st Cross, Avalahalli Main Road, New Timberyard Layout,
Bengaluru - 560 026

Tel : 080--2674 4727 / 2674 4731
E-mail : metalextrusions@gmail.com
www.metalextrusions.in

TS-111. SIDCO Industrial Estate, Ekkattuthangal,
Chennai - 600 032

Tel : 044-45536611 / 99415 22341
E-mail : info@metalextrusions
www.metalextrusions.in