

COPPER BUS BAR

LUVATA

Partnerships beyond metals

KIN COPPER ELECTRIC

JIS H3140, C1100BB, BD – 1/2H (6M P/LTH) Slightly Round Edge Copper Bus Bar, 90° Bendable

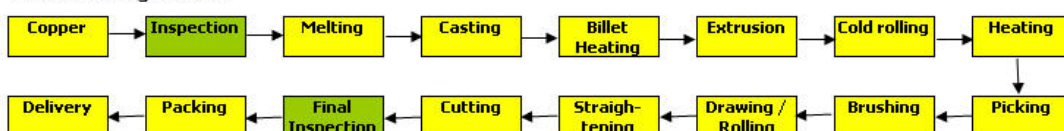
No.	Stock Code	Size (mm)	Size (mm ²)	KGS Per/Lth	Amp	Amp Max	Price/Kg (RM)
1	SBB06020	6 x 20	120	6.48	186.00	210.00	
2	SBB06025	6 x 25	150	8.10	232.50	262.50	
3	SBB06030	6 x 30	180	9.72	279.00	315.00	
4	SBB06032	6 x 32	192	10.36	297.60	336.00	
5	SBB06038	6 x 38	228	12.31	353.40	399.00	
6	SBB06040	6 x 40	240	12.96	372.00	420.00	
7	SBB06045	6 x 45	270	14.58	418.50	472.50	
8	SBB06050	6 x 50	300	16.20	465.00	525.00	
9	SBB06060	6 x 60	360	19.44	558.00	630.00	
10	SBB06065	6 x 65	390	21.06	604.50	682.50	
11	SBB06075	6 x 75	450	24.30	697.50	787.50	
12	SBB06080	6 x 80	480	25.92	744.00	840.00	
13	SBB06100	6 x 100	600	32.40	930.00	1,050.00	
14	SBB06125	6 x 125	750	40.50	1,162.50	1,312.50	
15	SBB06150	6 x 150	900	48.60	1,395.00	1,575.00	
16	SBB08050	8 x 50	400	21.60	620.00	700.00	
17	SBB08100	8 x 100	800	43.20	1,240.00	1,400.00	
18	SBB10025	10 x 25	250	13.50	387.50	437.50	
19	SBB10030	10 x 30	300	16.20	465.00	525.00	
20	SBB10040	10 x 40	400	21.60	620.00	700.00	
21	SBB10045	10 x 45	450	24.30	697.50	787.50	
22	SBB10050	10 x 50	500	27.00	775.00	875.00	
23	SBB10055	10 x 55	550	29.70	852.50	962.50	
24	SBB10060	10 x 60	600	32.40	930.00	1,050.00	
25	SBB10065	10 x 65	650	35.10	1,007.50	1,137.50	
26	SBB10075	10 x 75	750	40.50	1,162.50	1,312.50	
27	SBB10080	10 x 80	800	43.20	1,240.00	1,400.00	
28	SBB10085	10 x 85	850	45.90	1,317.50	1,487.50	
29	SBB10100	10 x 100	1000	54.00	1,550.00	1,750.00	
30	SBB10110	10 X 110	1100	59.40	1,705.00	1,925.00	
31	SBB10120	10 X 120	1200	64.80	1,860.00	2,100.00	
32	SBB10125	10 x 125	1250	67.50	1,937.50	2,187.50	
33	SBB10130	10 X 130	1300	70.20	2,015.00	2,275.00	
34	SBB10150	10 x 150	1500	81.00	2,325.00	2,625.00	

* Copper bus bars are manufactured by rolling, boasting consistency, ductility and fine surface sheen.

* Copper bus bar are in use for the rotor coil of nuclear turbine generators and rotor machines, and are essential materials for electric distribution panel and switch bars.



Manufacturing Process



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No.	Stock Code	Size (mm)	Size (mm ²)	KGS P/Lth	Amp	Amp Max	Price/kg (RM)
1	SBB03025	3 x 25 **	75	4.05	116.25	131.25	
2	SBB05015	5 x 15 **	75	4.05	116.25	131.25	
3	SBB05020	5 x 20 **	100	5.40	155.00	175.00	
4	SBB05025	5 x 25 **	125	6.75	193.75	218.75	
5	SBB05030	5 x 30 **	150	8.10	232.50	262.50	
6	SBB05040	5 x 40 **	200	10.80	310.00	350.00	
7	SBB05050	5 x 50 **	250	13.50	387.50	437.50	
8	SBB12045	12 x 45 **	540	29.16	837.00	945.00	
9	SBB12050	12 x 50 **	600	32.40	930.00	1,050.00	
10	SBB12055	12 x 55 **	660	35.64	1,023.00	1,155.00	
11	SBB12060	12 x 60 **	720	38.88	1,116.00	1,260.00	
12	SBB12075	12 x 75 **	900	48.60	1,395.00	1,575.00	

Remarks : ** Special Sizes requirement Min. Order 500Kgs/Size

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- * Copper bus bar are in use for the rotor coil of nuclear turbine generators and rotor machines, and are essential materials for electric distribution panel and switch bars.



Billet Heater

Billet Extrusion

OFHC Extruding Machine

Cold Rolling

Brushing & Rolling



Cutting

Acid dip & Water dip

Heating Furnace

Drawing & Rolling

Packing & Storage

Copper Bars

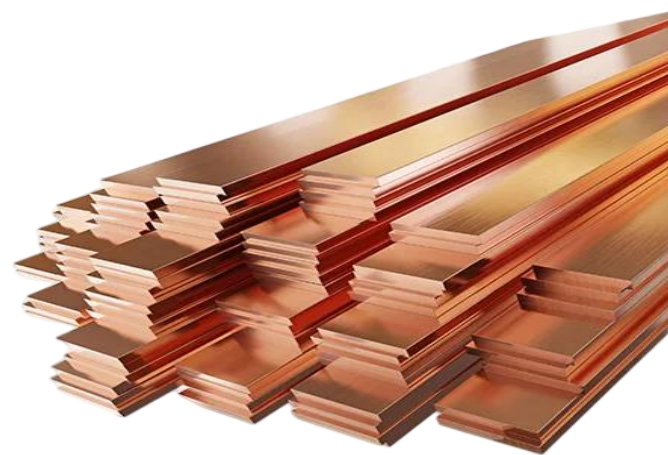
We manufacture our copper bars to meet precise customer specifications. Companies in the electrical industry frequently use our products in applications such as switchgears. Luvata's copper bars are available in a wide array of sizes and alloys, including oxygen-free copper (ASTM F68), CuAg silver-bearing copper, and mechanically robust copper alloys CuZr, CuCr1Zr and CuNiSi. We supply each rod accurately cut to length, ensuring seamless integration into advanced processing environments. In addition to copper bars, we also offer coated copper busbars.

Luvata has recently made investments that enables the manufacturing of even bigger copper bars. One of these investments is the world's most automated hot extrusion press.



Copper Bars: Technical Data

Width mm	Min. thickness mm
10-20	2,0
20-40	1,8
40-70	2,0
70-90	3,0
90-130	5,0
130-160	8,0
160-200	10,0



Applications

- 1

Switchgears
- 2

Power Distribution
- 3

Transformers
- 4

Electrical Motors and Generators
- 5

Components for Electric Vehicles (EVs)
- 6

Wind Power

Luvata is a world leader in copper manufacturing and related engineering services.

We bring together people, innovation and technology to create solutions in areas such as E-mobility, Healthcare, and in Electrification & Green Transition. Our success is driven by innovation, lean production and value-added sales, and our vision is to provide copper solutions which benefit people, society and the earth. Luvata is a group company of Mitsubishi Materials Corporation.

We focus on offering complex, high-quality copper and other metal products along with superior technical support that lend significant value. We develop new solutions in partnership with our customers to overcome the challenges facing industries including automotive, science, electronics, power generation and distribution, renewable energy, healthcare, metals and mining.

A Global Company

Luvata has four business units: Formed Products, Electrical Power Asia, Special Products Appleton and Materials & Solutions. These business units have 10 manufacturing sites worldwide.



Asia

Luvata Malaysia, Malaysia	→
MM Metal Products (Suzhou), China	→
Luvata Superconductors (Zhongshan), China	→

Europe

Luvata Group, Finland	Headquarters	→
Luvata Pori, Finland		→
Luvata Welshpool, UK		→
Luvata Welwyn Garden, UK		→

North America

Luvata Appleton, US	→
Luvata Ohio, US	→
Luvata Waterbury, US	→

South America

Luvata São Paulo, Brazil	→
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