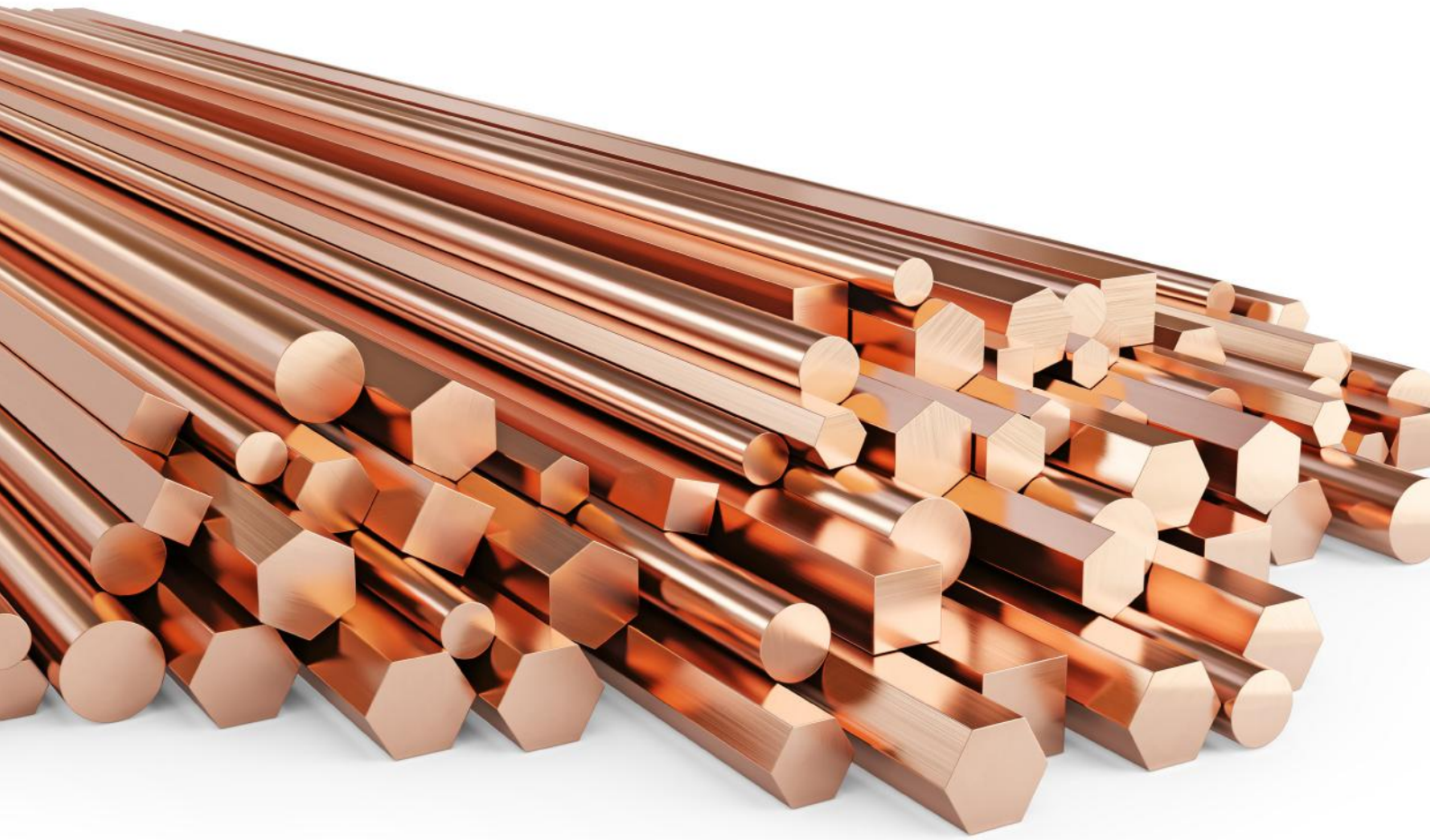
COPPER
Bars



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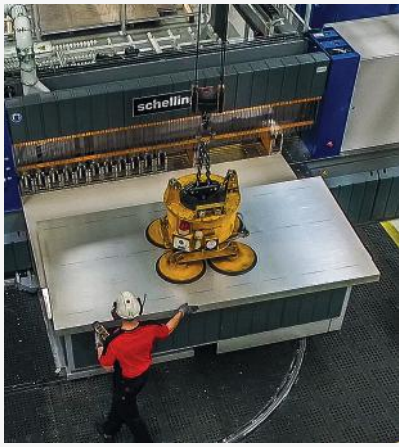
ABOUT ALUMECO GROUP



Alumeco is a global wholesaler, founded in 1983 with headquarters in Odense, Denmark.

Alumeco Group offers a wide range of metals, so you can buy everything in one place. We offer both standardized and customized solutions, and we are ready to support you at every step. As your preferred metal partner, we ensure the best guidance, solution and quality every time.

SUBSIDIARIES

- Alumeco A/S
- Alumeco NL
- Alumeco Norge AS
- Alumeco Sverige AB
- Alumeco CZ s.r.o.
- UAB Alumeco Baltic
- Alumeco Finland OY AB
- Metalcenter Group OY AB
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- Alumeco Service GmbH
- Metallcenter West GmbH
- Alcobra GmbH
- Metalcenter Group GmbH
- Aluteam-Alumeco Sp. z o.o.
- Alumeco Metal Products (Jiangmen) Co.,Ltd.

1000 (2022)
Employees

1046 (2022)
mio. EUR

40.000
m^2 stock

Round bars

IN ELECTRICAL POWER DISTRIBUTION, A ROUND COPPER BARS IS A BAR THAT CONDUCTS ELECTRICITY WITHIN A SWITCHBOARD, DISTRIBUTION BOARD, SUBSTATION, BATTERY BANK, OR OTHER ELECTRICAL APPARATUS. ITS MAIN PURPOSE IS TO CONDUCT A SUBSTANTIAL CURRENT OF ELECTRICITY, AND NOT TO FUNCTION AS A STRUCTURAL MEMBER. THE MATERIAL COMPOSITION AND CROSS-SECTIONAL SIZE OF THE BUSBAR DETERMINE THE MAXIMUM AMOUNT OF CURRENT THAT CAN BE SAFELY CARRIED.

ROUND BARS CW118C, CUTEP

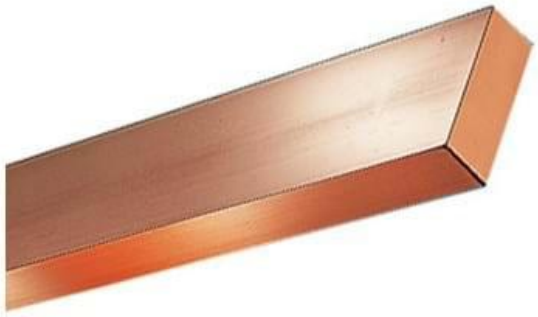
Diameter	Weight (kg)	Diameter	Weight (kg)	Diameter	Weight (kg)
5	0.17	18	2.16	32	7.16
6	0.25	**19**	**2.52**	35	8.56
8	**0.45**	20	2.80	**40**	**11.18**
10	**0.70**	**21**	**3.08**	45	14.15
11	0.85	22	3.38	**50**	**17.48**
12	1.01	**25**	**4.34**	54	20.37
13	**1.18**	26	4.73	60	2.86
14	**1.37**	28	5.48	70	34.25
16	**1.79**	**30**	**6.29**	100	5.36

ROUND BARS CW008A, CU-OF

Diameter	Weight (kg)	Diameter	Weight (kg)	Diameter	Weight (kg)
8	**0.45**	**26**	**4.75**	**60**	**25.28**
10	**0.70**	28	5.51	**62**	**26.99**
12	**1.01**	**30**	**6.32**	**65**	**29.67**
14	**1.38**	**32**	**7.19**	**70**	**34.41**
15	**1.58**	**35**	**8.60**	**75**	**39.50**
16	**1.80**	36	9.06	**80**	**44.94**
18	**2.28**	38	10.14	**100**	**70.21**
20	**2.81**	**40**	**11.23**	**120**	**101.11**
22	**3.40**	**45**	**14.22**	140	136.94
23	3.71	**49**	**16.86**	150	157.20
24	4.03	**50**	**17.55**	160	179.00
25	**4.39**	**55**	**21.24**		

ROUND BARS CW004A, CU-ETP

Diameter	Weight (kg)	Diameter	Weight (kg)	Diameter	Weight (kg)
3	0.06	21	3.08	75	39.32
4	0.11	22	3.40	80	44.71
5	0.18	23	3.71	85	50.73
6	**0.25**	24	4.04	**90**	**56.59**
7	0.34	26	4.75	100	70.22
8	**0.45**	**32**	**7.30**	110	84.96
9	0.28	35	8.60	120	100.61
10	0.70	40	11.23	130	118.07
12	1.01	42	12.33	140	136.94
13	1.19	45	14.22	150	157.20
14	1.38	49	16.86	160	178.95
15	1.57	50	17.55	180	12.92
16	1.80	60	25.28	200	279.46
18	2.26	65	29.52		
20	**2.81**	70	34.23		



Flat bars

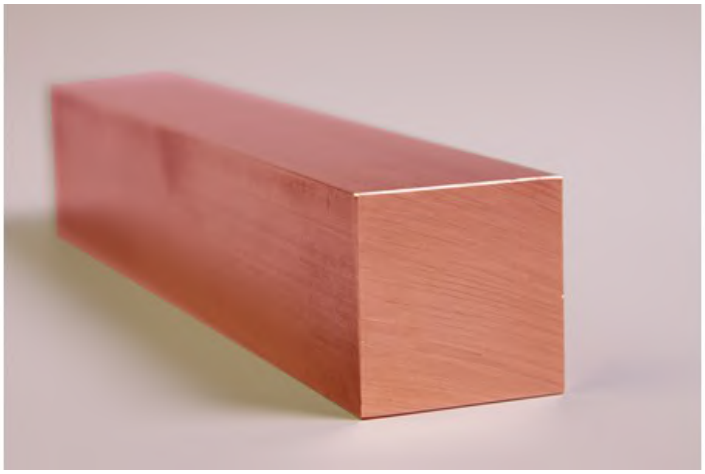
IN ELECTRICAL POWER DISTRIBUTION, A COPPER FLAT BAR IS A BAR THAT CONDUCTS ELECTRICITY WITHIN A SWITCHBOARD, DISTRIBUTION BOARD, SUBSTATION, BATTERY BANK, OR OTHER ELECTRICAL APPARATUS. ITS MAIN PURPOSE IS TO CONDUCT A SUBSTANTIAL CURRENT OF ELECTRICITY, AND NOT TO FUNCTION AS A STRUCTURAL MEMBER. THE MATERIAL COMPOSITION AND CROSS-SECTIONAL SIZE OF THE BUSBAR DETERMINE THE MAXIMUM AMOUNT OF CURRENT THAT CAN BE SAFELY CARRIED. COPPER RODS ARE FOUND IN VARIOUS APPLICATIONS IN MECHANICAL AND ENGINEERING PRODUCTS - SOME OF THEM ARE: ELECTRICAL INDUSTRIES, ENGINEERING INDUSTRIES, HOT PRESSING, MOTORS, HOUSEHOLD ELECTRICAL APPLICATIONS

FLAT BARS CW008A, CU-OF

Width x Thickness (mm)	Weight (kg)	Width x Thickness (mm)	Weight (kg)	Width x Thickness (mm)	Weight (kg)
10 x 3	**0.27**	**35 x 5**	**1.57**	**90 x 6**	**4.83**
12 x 3	0.32	**40 x 8**	**2.86**	**100 x 10**	**8.94**
15 x 3	**0.40**	**42 x 12**	**4.51**	110 x 8	7.87
18 x 12	**1.93**	**50 x 8**	**3.58**	**120 x 10**	**10.73**
20 x 10	**1.78**	**60 x 8**	**4.29**	125 x 5	5.59
24 x 12	**2.57**	**66 x 12**	**7.08**	**150 x 10**	**13.41**
25 x 10	**2.23**	**75 x 10**	**6.71**	160 x 10	14.30
30 x 8	**2.15**	**80 x 8**	**5.72**		

FLAT BARS CW004A, CU-ETP

Width x Thickness (mm)	Weight (kg)	Width x Thickness (mm)	Weight (kg)	Width x Thickness (mm)	Weight (kg)
10 x 3	**0.27**	**25 x 4**	**0.89**	**80 x 5**	**3.58**
12 x 3	**0.32**	**30 x 3**	**0.81**	**100 x 6**	**5.36**
15 x 3	**0.40**	**35 x 5**	**1.56**	**120 x 10**	**10.73**
17 x 3	**0.46**	**40 x 3**	**1.07**	**150 x 10**	**13.41**
18 x 12	1.93	**50 x 5**	**2.24**	**160 x 10**	**14.30**
20 x 3	**0.54**	**60 x 5**	**2.68**	180 x 8	12.87
22 x 6	**1.18**	**70 x 10**	**6.23**	**200 x 10**	**18.16**
24 x 12	2.57	**75 x 6**	**4.02**		



Square bars

IN ELECTRICAL POWER DISTRIBUTION, A SQUARE COPPER BAR IS A BAR THAT CONDUCTS ELECTRICITY WITHIN A SWITCHBOARD, DISTRIBUTION BOARD, SUBSTATION, BATTERY BANK, OR OTHER ELECTRICAL APPARATUS. ITS MAIN PURPOSE IS TO CONDUCT A SUBSTANTIAL CURRENT OF ELECTRICITY, AND NOT TO FUNCTION AS A STRUCTURAL MEMBER. THE MATERIAL COMPOSITION AND CROSS-SECTIONAL SIZE OF THE BUSBAR DETERMINE THE MAXIMUM AMOUNT OF CURRENT THAT CAN BE SAFELY CARRIED.

SQUARE BARS CW004A, CU-ETP

Width	Weight (kg)	Width	Weight (kg)	Width	Weight (kg)
5	0.22	18	1.25	**50**	**22.35**
6	**0.32**	**20**	**3.58**	**60**	**32.19**
8	0.57	**25**	**5.59**	70	43.81
10	**0.89**	**30**	**8.05**	80	57.00
15	**2.01**	35	10.95	90	31.19
16	1.97	**40**	**14.30**	100	77.00

SQUARE BARS CW008A, CU-OF

Width	Weight (kg)	Width	Weight (kg)	Width	Weight (kg)
5	0.22	**20**	**3.58**	**40**	**14.24**
10	**0.89**	25	5.59	**50**	**22.35**
12	**1.29**	**30**	**8.05**	**60**	**32.19**

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