



AMETRA METALL

LIEFERKATALOG 2015



WIR HALTEN FÜR SIE LIEFERBEREIT!

	KUPFER	MESSING	ALUMINIUM	BRONCE	EDELSTAHL	PLASTIK	GRAUGUSS
BLECHE	•	•	•	•	•	•	
BÄNDER	•	•	•	•	•	•	
PLATTEN	•	•	•	•	•	•	
	•	•	•	•	•	•	
	•	•	•		•	•	
	•	•	•	•	•	•	•
	•	•	•	•	•	•	•
	•	•	•	•	•	•	•
	•	•	•		•	•	
	•	•	•		•	•	
PROFILE	•	•	•		•	•	

WIR LIEFERN JEDE ART VON ANARBEITUNG!

- BANDSPALTUNG
- PLATTENZUSCHNITT
- BLECHBESCHICHTUNG
- ZUSCHNITTE - RONDEN – RINGE
- JEDE ART VON ZEICHNUNGSCHNITT NACH SCHABLONE

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ALU - MESSING - KUPFER - BRONZE - NIRO - KUNSTSTOFF



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AMETRA METALL

KUPFER



Maße mm x Format	Gewicht kg/m ²	E-Cu F20 weich	E-Cu F25 halbhart	E-Cu F30 hart	E-Cu wh walzhart	SF-Cu F20 weich	SF-Cu F25 hart	SF-Cu wh walzhart
0,03 x 300 x 650	0,28						•	
0,03 x 300 x 650	0,28						•	
0,04 x 300 x 650	0,38						•	
0,05 x 300 x 650	0,47					•		
0,10 x 600 x 600	0,94						•	
0,40 x 600x2000	3,77							
0,50x1000x2000	4,72	•	•			•	•	
0,60x1000x2000	5,66					•	•	
0,65x1000x2000	6,13					•	•	
0,70x1000x2000	6,60					•	•	
x 1250x2500							•	
0,80x1000x2000	7,54	•	•			•	•	
x 1250x2500							•	
1,00x1000x2000	9,43	•	•			•	•	
x 1250x2500							•	
1,20x1000x2000	11,53		•			•	•	
1,50x1000x2000	14,42	•	•			•	•	
x 1250x2500							•	
2,00x1000x2000	19,22	•	•			•	•	•
x 1250x2500							•	
2,50x1000x2000	24,03	•	•			•	•	
3,00x1000x2000	28,83	•	•			•	•	
4,00x1000x2000	38,44	•	•			•	•	•
5,00x1000x2000	48,05	•	•		•		•	•
6,00x1000x2000	57,66	•	•		•	•		•
8,00x1000x2000	76,88	•	•		•			•
10,00x1000x2000	96,10	•	•		•			•
12,00x1000x2000	115,32		•		•			•
15,00x1000x2000	144,15		•		•			•
20,00x1000x2000	192,20				•			•
25,00x1000x2000	240,25				•			•
30,00x1000x3000	288,30				•			•
35,00x1000x3000	336,35				•			•
40,00x1000x3000	384,40				•			•
45,00 x 800x3000	424,40				•			•
50,00 x 800x3000	480,50				•			•
55,00 x 800x3000	528,55							•
60,00 x 800x3000	576,60				•			•
70,00 x 800x3000	672,70				•			•
80,00 x 500x3000	768,88				•			•
90,00 x 500x3000	864,90				•			•
1 00,00 x 800x2000	961,00				•			•
1 20,00 x 500x2000	1155,0				•			•
1 50,00 x 500x2000	1441,5				•			•

KUPFER- BLECHE



0,20	•	•	•				
0,25	•	•	•				
0,30	•	•	•				
0,40	•	•	•				
0,50	•	•	•				
0,60	•	•	•				
0,70	•	•	•				
0,80	•	•	•				
0,90	•						
1,00	•	•	•				
1,25	•	•	•				
1,50	•	•	•				
2,00	•	•	•				
2,50	•	•	•				
3,00	•						

KUPFER- BÄNDER



KUPFER-ROHRE



	kg/m	SF-Cu		kg/m	SF-Cu		kg/m	SF-Cu
3x 1,0	0,06	●	20 x 1,0	0,56	●	35 x 1,0	0,99	●
4x 1,0	0,08	●	x 1,5	0,82	●	x 1,5	1,49	●
5x 1,0	0,12	●	x 2,0	1,06	●	x 2,0	1,93	●
6x 1,0	0,15	●	x 2,5	1,29	●	x 2,5	2,38	●
x 1,5	0,20	●	x 3,0	1,50	●	x 3,0	3,65	●
7x 1,0	0,19	●	x 3,5	1,70	●	x 4,0	3,64	●
8x 1,0	0,21	●	x 4,0	1,87	●	x 5,0	4,39	●
x 1,5	0,29	●	x 5,0	2,21	●	36 x 2,0	1,99	●
x 2,0	0,36	●	22x 1,0	0,62	●	x 3,0	2,91	●
9x 1,0	0,24	●	x 1,5	0,90	●	38 x 1,5	1,62	●
10x 1,0	0,27	●	x 2,0	1,18	●	x 2,0	2,12	●
x 1,5	0,38	●	x 2,5	1,43	●	x 2,5	2,61	●
x 2,0	0,47	●	x 3,0	1,67	●	x 3,0	3,09	●
x 2,5	0,55	●	x 3,5	1,90	●	x 4,0	3,99	●
x 3,0	0,62	●	x 4,0	2,11	●	40 x 1,0	1,14	●
11x 1,0	0,29	●	23 x 1,0	0,65	●	x 1,5	1,69	●
x 1,5	0,42	●	x 1,5	0,95	●	x 2,0	2,23	●
x 2,0	0,53	●	24x 1,5	0,99	●	x 2,5	2,75	●
x 3,0	0,71	●	x 2,0	1,29	●	x 3,0	3,26	●
12x1,0	0,32	●	x 3,0	1,84	●	x 4,0	4,23	●
x1,5	0,46	●	x 4,0	2,35	●	x 5,0	5,14	●
x2,0	0,59	●	25 x 1,0	0,70	●	x 6,0	5,98	●
x2,5	0,69	●	x 1,5	1,03	●	x10,0	8,81	●
x3,0	0,80	●	x 2,0	1,35	●	42 x 1,5	1,80	●
13x1,0	0,35	●	x 2,5	1,66	●	x 2,0	2,35	●
x1,5	0,50	●	x 3,0	1,94	●	x 2,5	2,89	●
x2,0	0,65	●	x 4,0	2,46	●	x 3,0	3,43	●
x2,5	0,77	●	x 5,0	2,94	●	x 4,0	4,46	●
x3,0	0,88	●	x 6,0	3,35	●	43 x 4,5	5,32	●
14x1,0	0,38	●	28 x 1,0	0,79	●	x 9,0	9,41	●
x1,5	0,56	●	x 1,5	1,18	●	45 x 1,0	1,29	●
x2,0	0,70	●	x 2,0	1,54	●	x 1,5	1,92	●
x2,5	0,84	●	x 2,5	1,87	●	x 2,0	2,53	●
x3,0	0,97	●	x 3,0	2,21	●	x 2,5	3,13	●
x 4,0	1,18	●	x 4,0	2,81	●	x 3,0	3,70	●
15x1,0	0,41	●	x 6,0	3,87	●	x 4,0	4,54	●
x1 5	0,60	●	30 x 1,0	0,85	●	x 5,0	5,88	●
x2,0	0,77	●	x 1,5	1,26	●	46 x 2,0	2,58	●
x2,5	0,92	●	x 2,0	1,65	●	x 3,0	3,79	●
x3,0	2,00	●	x 2,5	2,03	●	48 x 1,0	1,37	●
16x1,0	0,44	●	x 3,0	2,37	●	x 1,5	2,05	●
x1,5	0,64	●	x 3,5	2,71	●	x 2,0	2,70	●
x2,0	0,83	●	x 4,0	3,06	●	x 3,0	4,01	●
x2,5	0,99	●	x 5,0	3,67	●	x 4,0	5,17	●
x3,0	1,12	●	x 6,0	4,23	●	50 x 1,5	2,13	●
17x1,0	0,47	●	x 8,0	5,17	●	x 2,0	2,84	●
x1,5	0,68	●	x 10,0	5,86	●	x 2,5	3,49	●
x2,0	0,88	●	32 x 1,5	1,35	●	x 3,0	4,15	●
x2,5	1,06	●	x 2,0	1,76	●	x 4,0	5,41	●
x3,0	1,23	●	x 3,0	2,56	●	x 5,0	6,61	●
x4,0	1,52	●	x 4,0	3,28	●	x 8,0	9,85	●
18x1,0	0,50	●	33 x 1,5	1,49	●	x10,0	11,74	●
x1,5	0,74	●	x 2,0	1,93	●	x15,0	15,44	●
x2,0	0,95	●	x 3,0	1,81	●	53 x 1,5	2,27	●
x2,5	1,13	●	34 x 1,5	1,43	●	54 x 1,5	2,31	●
x3,0	1,32	●	x 2,0	1,88	●	x 2,0	3,07	●
x4,0	1,65	●	x 3,0	2,73	●	55 x 2,5	3,85	●
19x1,0	0,52	●	x 4,0	3,53	●	x 3,0	4,57	●
x2,0	0,99	●	x 5,0	4,26	●	x 5,0	7,34	●
x2,5	1,21	●			●	x 8,0	11,03	●
x3,0	1,41	●			●	x10,0	13,21	●

kg/m		SF-Cu	kg/m		SF-Cu	kg/m		SF-Cu
56 x 3,0	4,67	●	75 x 2,5	5,32	●	108x 2,5	7,75	●
57 x 1,5	2,45	●	76 x 2,0	4,35	●	x 3,0	9,25	●
x 2,0	3,23	●	x 2,5	5,40	●	x 4,0	12,21	●
x 2,5	4,01	●	x 3,0	6,44	●	110x 2,0	15,59	●
x 3,0	4,75	●	80 x 2,0	4,57	●	x 5,0	15,44	●
x 3,5	5,51	●	x 2,5	5,70	●	x10,0	29,35	●
x 5,0	7,63	●	x 3,0	6,79	●	x15,0	33,76	●
60 x 1,5	2,57	●	x 5,0	11,01	●	114x 4,0	12,91	●
x 2,0	3,40	●	x10,0	20,58	●	120x 5,0	16,88	●
x 2,5	4,22	●	x11,0	22,84	●	x10,0	32,29	●
x 3,0	5,02	●	x15,0	23,66	●	x15,0	37,14	●
X 4,0	6,59	●	x20,0	35,21	●	124x 7,0	24,05	●
x 5,0	8,09	●	85 x 2,5	6,06	●	130x10,0	35,21	●
x 6,0	9,51	●	x 3,0	7,22	●	133x 3,0	11,55	●
x10,0	14,70	●	x 5,0	11,73	●	135 x 5,0	19,07	●
x15,0	16,90	●	x10,0	22,01	●	x10,0	36,69	●
63 x 2,0	3,75	●	x12,0	24,64	●	x15,0	42,20	●
x 3,0	5,53	●	x15,0	30,81	●	140x 5,0	19,81	●
65 x 2,5	4,59	●	x20,0	38,15	●	x 7,5	30,56	●
x 3,0	5,46	●	86 x 3,0	7,30	●	x10,0	38,16	●
x 5,0	8,81	●	89 x 2,0	5,11	●	x15,0	43,89	●
x12,0	18,66	●	x 2,5	6,35	●	150x 5,0	21,28	●
66 x 1,0	1,89	●	90 x 2,5	6,42	●	x10,0	41,10	●
x 3,0	5,56	●	x 3,0	7,04	●	x15,0	47,27	●
70 x 2,0	3,99	●	x 4,0	10,10	●	155x 5,0	13,20	●
x 2,5	4,96	●	x 5,0	12,50	●	x20,0	79,22	●
x 3,0	5,90	●	x 6,0	14,79	●	160x10,0	44,03	●
x 4,0	7,74	●	x10,0	23,48	●	170x10,0	46,94	●
x 5,0	9,54	●	100x 5,0	13,95	●	180x10,0	49,90	●
x 6,0	11,27	●	x10,0	26,38	●	190x11,0	58,65	●
x10,0	17,64	●	104x 2,0	5,98	●	219x 3,0	19,05	●
x12,5	21,59	●	105x10,0	39,61	●	220x10,0	61,62	●
x15,0	24,21	●	x15,0	31,69	●	267x 3,0	23,28	●

KUPFER-ROHRE



mm kg/m		SF-Cu	mm kg/m		SF-Cu	mm kg/m		SF-Cu
4x 4x0,5	0,06	●	x 10x2,0	0,57	●	x 12x1,0	0,53	●
x 4x1,0	0,11	●	12x 6x1,0	0,61	●	x 12x1,5	0,77	●
5x 3x0,5	0,06	●	x 6x1,5	0,40	●	x 14x2,0	1,07	●
x 5x0,5	0,08	●	x 8x1,0	0,33	●	x 20x1,5	1,01	●
x 5x1,0	0,14	●	x10x1,3	0,46	●	22x16x3,0	1,87	●
6x 6x1,0	0,18	●	x 10x2,0	0,65	●	26x17x3,0	2,05	●
7x 5x1,0	0,18	●	x 12x1,0	0,40	●	30x10x1,5	0,99	●
8x 5x1,0	0,20	●	15x 10x1,0	0,41	●	45x35x4,0	5,13	●
x 6x1,0	0,21	●	x 10x1,5	0,59	●	50x15x2,0	2,17	●
x 8x1,5	0,25	●	16x 12x1,0	0,47	●	60x40x4,0	6,55	●
x 8x1,5	0,35	●	x 14x1,0	0,50	●			
10x 5x1,0	0,23	●	x 14x2,0	0,93	●			
x 6x1,0	0,25	●	18x 18x1,0	0,61	●			
x 8x1,5	0,42	●	20x 10x1,0	0,50	●			
x10x1,0	0,32	●	x 10x2,0	0,92	●			

KUPFER-FORMROHRE



KONDENSATOR- ROHRE



Maße	CuZn 20Al2	CuNi 10 Fe	Maße	CuZn 20Al2	CuNi 10 Fe
6x1,0		•	16x1,0	•	•
8x1,0	•	•	x1,2	•	
10x1,0	•	•	x1,5	•	•
x1,5		•	x2,0		•
11x1,0	•		18x1,0	•	
			x1,2	•	•
12x1,0	•	•	x1,5	•	•
x1,2	•	•			
x1,5	•	•	19x1,2	•	
14x1,0	•	•	x1,5	•	
x1,2	•		20x1,0	•	•
x1,5		•	x1,5	•	•
15x1,0	•	•	22x1,2	•	
x1,2	•	•	25x1,5	•	•
x1,5		•	x2,0	•	
			28x1,2	•	•
			x1,5	•	•
			x2,0	•	•

KUPFER- LEITUNGS- ROHRE



Maße	CuZn 20 AL2	CuNi 10 Fe	Maße	CuZn 20 AL2	CuNi 10 Fe
30x1,5	•	•	108x2,5	•	•
x2,0	•	•	x3,0		•
35x1,2		•	133x2,5	•	•
x1,5	•		x3,0	•	•
x2,0	•		159x2,5	•	•
38x1,5	•	•	x3,0	•	•
x2,0	•	•	194x2,5	•	•
42x1,5	•	•	219x3,0	•	•
x2,0	•		x3,5		•
44x1,5	•	•	267x3,0	•	•
x2,0	•	•	x4,0	•	•
57x1,5	•	•	324x4,0	•	•
x2,0	•	•	342x5,0	•	•
x2,5	•	•	368x3,0	•	•
76x2,0	•	•			
x2,5	•	•			
89x2,0	•	•			
x2,5	•	•			

mm	kg/m	E-Cu 57	SF-Cu	mm	kg/m	E-Cu 57	SF-Cu	mm	kg/m	E-Cu 57	SF-Cu
2,5	0,05	●		22,0	3,55	●		70,0	35,96	●	
4,0	0,12	●									
4,5	0,15	●		23,0	3,71	●		75,0	41,19	●	
5,0	0,18	●		24,0	4,23	●		80,0	46,98	●	●
5,5	0,22	●		25,0	4,59	●		85,0	50,64	●	
				26,0	4,97	●		90,0	59,45	●	
6,0	0,26	●		27,0	5,11	●		100,0	73,36	●	●
6,5	0,31	●									
7,0	0,36	●		28,0	5,75	●		110,0	89,25	●	
8,0	0,47	●		30,0	6,60	●		115,0	92,72	●	
9,0	0,59	●		32,0	7,52	●		120,0	106,05	●	●
				33,0	7,99	●		130,0	123,90	●	●
10,0	0,74	●		34,0	8,48	●		135,0	133,69	●	
11,0	0,89	●									
12,0	1,06	●		35,0	8,99	●		140,0	137,55	●	
13,0	1,24	●		36,0	9,51	●		150,0	164,85	●	●
14,0	1,44	●		38,0	10,59	●		160,0	187,80	●	●
				40,0	11,74	●		170,0	202,65	●	●
15,0	1,65	●		42,0	12,95	●		180,0	237,30	●	●
16,0	1,88	●									
18,0	2,37	●		45,0	14,86	●		190,0	264,60	●	
19,0	2,65	●		50,0	18,35	●		2000	29400	●	●
20,0	2,94	●		55,0	22,20	●		210,0	309,75	●	●
				60,0	26,42	●	●	240,0	406,35	●	
				65,0	31,01	●		500,0	1838,44	●	

KUPFER- RUND



mm	kg/m	E-Cu 57	SF-Cu	mm	kg/m	E-Cu 57	SF-Cu	mm	kg/m	E-Cu 57	SF-Cu
5,0	0,23	●		35,0	11,45	●		100,0	100,57	●	
6,0	0,34	●		40,0	14,95	●		120,0	128,25		
8,0	0,60	●		45,0	18,92	●		150,0	202,00		
10,0	0,93	●		50,0	23,56	●					
12,0	1,34	●		55,0	28,04	●					
15,0	2,10	●		60,0	33,64		●				
18,0	3,03	●		70,0	45,79	●					
20,0	3,74	●		75,0	52,56	●					
25,0	5,84	●		80,0	59,81	●					
30,0	8,41	●		90,0	75,69	●					

KUPFER- VIERKANT



mm	kg/m	E-Cu 57	SF-Cu	mm	kg/m	E-Cu 57	SF-Cu	mm	kg/m	E-Cu 57	SF-Cu
12,0	1,17	●									
14,0	1,59	●									
17,0	2,34	●									
19,0	2,92	●									
24,0	4,66	●									
27,0	5,90	●									

KUPFER- SECHSKANT



KUPFER- FLACH



mm	kg/m	E-Cu 57	mm	kg/m	E-Cu 57	mm	kg/m	E-Cu 57
6 x 2,0	0,11	●	30 x 2,0	0,56	●	55 x 40,0	20,91	●
x 3,0	0,16	●	x 3,0	0,84	●	60 x 3,0	1,69	●
x 4,0	0,21	●	x 4,0	1,12	●	x 4,0	1,80	●
7 x 5,0	0,33	●	x 5,0	1,41	●	x 5,0	2,80	●
8 x 2,0	0,14	●	x 6,0	1,68	●	x 6,0	3,36	●
x 3,0	0,22	●	x 8,0	2,25	●	x 8,0	4,48	●
x 4,0	0,30	●	x10,0	2,80	●	x10,0	5,61	●
x 5,0	0,38	●	x12,0	3,36	●	x12,0	6,73	●
10 x 2,0	0,19	●	x15,0	4,21	●	x15,0	8,41	●
x 3,0	0,28	●	x20,0	5,61	●	x20,0	11,21	●
x 4,0	0,38	●	x25,0	7,01	●	x25,0	14,02	●
x 5,0	0,47	●	35 x 2,0	0,65	●	x30,0	16,82	●
x 6,0	0,53	●	x 3,0	0,98	●	x35,0	19,62	●
x 8,0	0,75	●	x 4,0	1,31	●	x40,0	22,43	●
12 x 2,0	0,22	●	x 5,0	1,64	●	x50,0	28,04	●
x 3,0	0,34	●	x 6,0	1,96	●	65 x10,0	6,07	●
x 4,0	0,45	●	x 8,0	2,61	●	x15,0	9,11	●
x 5,0	0,56	●	x10,0	3,27	●	x20,0	12,15	●
x 6,0	0,67	●	x12,0	3,93	●	x30,0	18,22	●
x 8,0	0,89	●	x15,0	4,90	●	x40,0	24,40	●
x10,0	1,07	●	x20,0	6,54	●	70 x 5,0	3,28	●
14 x 3,0	0,39	●	x25,0	8,18	●	x 6,0	3,92	●
15 x 2,0	0,28	●	40 x 2,0	0,75	●	x 8,0	5,23	●
x 3,0	0,42	●	x 3,0	1,12	●	x10,0	6,54	●
x 4,0	0,56	●	x 4,0	1,49	●	x12,0	7,85	●
x 5,0	0,70	●	x 5,0	1,87	●	x15,0	9,81	●
x 6,0	0,84	●	x 6,0	2,25	●	x20,0	13,08	●
x 8,0	1,12	●	x 8,0	2,99	●	x25,0	16,36	●
x10,0	1,41	●	x10,0	3,74	●	x30,0	19,62	●
x12,0	1,68	●	x12,0	4,49	●	x35,0	22,90	●
16 x 3,0	0,43	●	x15,0	5,61	●	x40,0	26,17	●
x 4,0	0,60	●	x20,0	7,48	●	x50,0	32,71	●
x 5,0	0,75	●	x25,0	9,35	●	80 x 5,0	3,74	●
x 6,0	0,96	●	x30,0	11,24	●	x 6,0	4,48	●
x 8,0	1,20	●	45 x 2,0	0,84	●	x 8,0	5,99	●
x10,0	1,61	●	x 3,0	1,27	●	x10,0	7,48	●
18 x 2,0	0,41	●	x 4,0	1,68	●	x12,0	8,97	●
x 3,0	0,50	●	x 5,0	2,10	●	x15,0	11,21	●
x 4,0	0,67	●	x 6,0	2,52	●	x20,0	14,95	●
x 6,0	1,01	●	x 8,0	3,37	●	x25,0	18,69	●
x10,0	1,68	●	x10,0	4,21	●	x30,0	22,43	●
20 x 2,0	0,38	●	x12,0	5,05	●	x35,0	26,17	●
x 3,0	0,56	●	x15,0	6,31	●	x40,0	29,90	●
x 5,0	0,93	●	x20,0	8,41	●	x50,0	37,38	●
x 8,0	1,49	●	x25,0	10,63	●	x60,0	44,86	●
x10,0	1,87	●	x30,0	12,63	●	85 x 3,0	2,38	●
x12,0	2,25	●	x40,0	18,94	●	x25,0	21,01	●
x15,0	2,80	●	50 x 2,0	0,93	●	90 x 4,0	3,36	●
25 x 2,0	0,47	●	x 3,0	1,41	●	x 5,0	4,21	●
x 3,0	0,70	●	x 4,0	1,87	●	x 6,0	5,05	●
x 4,0	0,93	●	x 5,0	2,34	●	x 8,0	6,73	●
x 5,0	1,17	●	x 6,0	2,80	●	x10,0	8,41	●
x 6,0	1,41	●	x 8,0	3,74	●	x12,0	10,09	●
x 8,0	1,87	●	x10,0	4,67	●	x15,0	12,62	●
x10,0	2,34	●	x12,0	5,61	●	x20,0	16,82	●
x12,0	2,80	●	x15,0	7,01	●	x25,0	21,03	●
x15,0	3,51	●	x20,0	9,35	●	x30,0	25,23	●
x20,0	4,67	●	x25,0	11,69	●	x40,0	33,64	●
			x30,0	14,02	●	x50,0	42,05	●
			x35,0	16,36	●	x60,0	50,49	●
			x40,0	18,69	●			

mm	kg/m	E-Cu 57	mm	kg/m	E-Cu 57	mm	kg/m	E-Cu 57
100x 5,0	4,67	●	125x10,0	11,68	●	180x10,0	16,82	●
x 6,0	5,61	●	x15,0	17,52	●	x12,0	20,19	●
x 8,0	7,48	●	x20,0	23,36	●	x15,0	25,23	●
x10,0	9,35	●	x 25,0	29,20	●	x 20,0	33,64	●
x12,0	11,21	●	x30,0	35,04	●	x30,0	50,46	●
x15,0	14,02	●	x40,0	46,73	●	x40,0	67,28	●
x20,0	18,69	●	140x 6,0		●	x50,0	84,11	●
x25,0	23,36	●	x10,0	13,08	●	200 x 6,0		●
x30,0	28,04	●	x20,0	26,17	●	x10,0	18,69	●
x35,0	32,71	●	x30,0	39,25	●	x12,0	22,43	●
x 40,0	37,38	●	x40,0	52,33	●	x 1 5,0	28,04	●
x50,0	46,73	●	x50,0	65,42	●	x 20,0	37,38	●
x60,0	56,07	●	150x 5,0	7,01	●	x 25,0	46,73	●
x 80,0	74,76	●	x 8,0	11,24	●	x30,0	56,07	●
120x 4,0	4,49	●	x10,0	13,99	●	x50,0	93,45	●
x 5,0	5,61	●	x12,0	16,80	●	x60,0	112,14	●
x 6,0	6,72	●	x15,0	21,02	●	250x10,0	23,36	●
x 8,0	8,97	●	x20,0	28,04	●	x12,0	28,03	●
x10,0	11,21	●	x25,0	35,04	●	x15,0	35,04	●
x12,0	13,46	●	x30,0	42,05	●	x 20,0	46,73	●
x15,0	16,82	●	x40,0	56,07	●	x30,0	70,14	●
x 20,0	22,43	●	x50,0	70,09	●	x40,0	93,45	●
x 25,0	28,04	●	160x 8,0	11,96	●	x50,0	116,87	●
x30,0	33,64	●	x10,0	14,95	●			
x40,0	44,86	●	x12,0	17,94	●			
x50,0	56,07	●	x15,0	22,43	●			
x 60,0	67,28	●	x20,0	29,90	●			
x80,0	89,67	●	x30,0	44,86	●			
			x40,0	59,81	●			
			x 60,0	89,71	●			
			x80,0	119,62	●			

KUPFER- FLACH



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AMETRA METALL

MESSING



**MESSING-
BLECHE /
PLATTEN**



Maße	Gewicht	CuZn15	CuZn37				CuZn39Pb
			F31 weich	F30 weich	F38 halbhart	F45 hart	
mm x Format	kg/m ²					wh walzhart	F51 hart
0,01 x 300 x 650	0,10					•	
0,05 x 300 x 650	0,46					•	
0,10 x 600x2000	0,90					•	
0,20 x 600x2000	1,80			•	•		
0,30 x 600x2000	2,69		•	•	•		
0,40 x 600x2000	3,59		•	•	•	•	
0,50 x 600x2000	4,49		•	•	•	•	•
x 1000x2000			•	•			•
0,60 x 600x2000	5,39		•	•	•	•	•
x 1000x2000			•	•			
0,70 x 600x2000	6,28	•	•	•	•		•
x 1000x2000			•	•			
0,80 x 600x2000	7,18		•	•	•		•
x 1000x2000			•	•			
1,00x 600x2000	8,98	•	•	•	•		•
x 1000x2000			•	•			
1,20x 600x2000	10,78	•	•	•	•		•
x 1000x2000			•	•			
1,50x 600x2000	13,47	•	•	•	•		•
x 1000x2000			•	•			
1,70x 600x2000	15,27			•			
2,00 x 600x2000	17,96	•	•	•	•		•
x 1000x2000			•	•			
2,50 x 600x2000	22,45	•	•	•	•		•
x 1000x2000				•			
3,00 x 600x2000	26,94	•	•	•	•		•
x 1000x2000				•			
4,00 x 600x2000	35,92		•	•	•		•
x 1000x2000				•			
5,00 x 600x2000	44,90		•	•			•
x 1000x2000				•			
6,00 x 600x2000	53,88			•			•
x 1000x2000				•			
7,00 x 600x2000	62,86			•			•
8,00 x 600x2000	71,84			•			•
10,00 x 600x2000	89,80					•	
12,00 x 600x2000	107,76					•	
15,00 x 600x2000	134,70					•	
20,00 x 600x2000	179,60					•	
25,00 x 600x2000	224,50					•	
30,00 x 600x2000	269,40					•	
35,00 x 600x2000	313,00					•	
40,00 x 600x2000	359,20					•	
45,00 x 600x2000	404,00					•	
50,00 x 600x2000	449,00					•	
55,00 x 600x2000	494,00					•	
60,00 x 600x2000	538,80					•	
80,00 x 600x2000	718,40					•	
90,00 x 600x2000	808,20					•	
100,00 x 600x2000	898,00					•	
120,00 x 500x2000	1077,60					•	
150,00 x 500x2000	1347,00					•	

Stärke mm	CuZn37				CuZn15
	F 30 weich	F 38 halbhart	F 45 hart	F 54 extra hart	F 26 weich
0,20	•	•	•	•	•
0,25	•	•	•	•	•
0,30	•	•	•	•	•
0,35	•	•	•	•	•
0,40	•	•	•	•	•
0,50	•	•	•	•	•
0,60	•	•	•	•	•
0,70	•	•	•	•	•
0,80	•	•	•	•	•
0,90	•	•	•	•	
1,00	•	•	•	•	•
1,25	•	•	•	•	
1,50	•	•	•	•	
2,00	•	•	•	•	
2,50	•	•	•	•	
3,00	•	•	•	•	

MESSING- BÄNDER



MESSING- ROHRE



mm	kg/m	CuZn39Pb3	CuZn37	mm	kg/m	CuZn39Pb3	CuZn37	mm	kg/m	CuZn39Pb3	CuZn37
2,0x0,5	0,02		●	14,0x2,5	0,81	●		23,0x0,5	0,32		●
3,0x0,5	0,03		●	x3,0	0,93	●		x1,0	0,62		●
3,5x0,5	0,04		●	x3,5	1,03	●		x3,0	1,68	●	
4,0x0,5	0,05		●	15,0x0,5	0,20		●	24,0x0,5	0,33		●
x0,7	0,06		●	x0,7	0,30		●	x1,0	0,64		●
x1,0	0,08		●	x1,0	0,39		●	x2,0	1,23	●	●
50x05	0,06		●	x1,5	0,57		●	x2,5	1,51	●	●
x1,0	0,12		●	x2,0	0,73	●		x3,0	1,77	●	
x1,5	0,15		●	x2,5	0,86	●		x3,5	2,01	●	
x2,0	0,17		●	x3,0	1,01	●		x4,0	2,24	●	
6,0x0,5	0,08		●	x3,5	1,14	●	●	x4,5	2,24	●	
x0,7	0,11		●	x4,0	1,29	●		x5,0	2,79	●	
x1,0	0,14		●	16,0x0,5	0,22		●	x6,0	3,17	●	
x1,5	0,19		●	x0,7	0,34		●	25,0x0,5	0,35		●
x2,0	0,22		●	x1,0	0,42	●	●	x1,0	0,67		●
7,0x0,5	0,09		●	x1,5	0,61	●	●	x1,5	0,99	●	●
x1,0	0,17		●	x2,0	0,79	●	●	x2,0	1,29	●	●
x1,5	0,23		●	x2,5	0,95	●		x2,5	1,58	●	●
7,8x1,0	0,19		●	x3,0	1,09	●		x3,0	1,85	●	
8,0x0,5	0,11		●	x3,5	1,23	●		x3,5	2,21	●	
x0,7	0,15		●	x4,0	1,32	●		x4,0	2,36	●	
x1,0	0,20		●	170x03	0,13		●	x5,0	2,80	●	
x1,5	0,27	●	●	x0,5	0,23		●	x6,0	3,20	●	
x2,0	0,34	●	●	x1,0	0,45		●	x7,5	3,68	●	●
x2,5	0,39	●	●	x1,5	0,68		●	26,0x1,0	0,70		●
9,0x0,5	0,12		●	x2,0	0,84	●		x2,0	1,35	●	●
x0,7	0,18		●	x2,5	1,02	●		x2,5	1,68	●	
x1,0	0,22		●	x3,0	1,18	●		x3,0	1,93	●	
x1,5	0,32	●	●	x3,5	1,32	●		x3,5	2,17	●	
9,8x1,0	0,25		●	18,0x0,5	0,25		●	x4,0	2,47	●	
10,0x0,5	0,14		●	x1,0	0,47		●	x5,0	2,94	●	
x0,7	0,20		●	x1,5	0,69		●	x6,0	3,32	●	
x1,0	0,25		●	x2,0	0,90	●	●	27,0x0,5	0,37		●
x1,2	0,31		●	x2,5	1,09	●		x2,0	1,40	●	
x1,5	0,36		●	x3,0	1,26	●		x2,5	1,75	●	
x1,7	0,41		●	x4,0	1,57	●		x3,0	2,11	●	
x2,0	0,45		●	x5,0	1,83	●		x3,5	2,31	●	
x2,5	0,53		●	19,0x0,7	0,41		●	x4,0	2,47	●	
x3,0	0,59		●	x1,0	0,50		●	x5,0	3,09	●	
x4,0	0,70		●	x1,5	0,77		●	x6,0	3,52	●	
11,0x0,5	0,15		●	x3,0	1,35	●		28,0x1,0	0,76		●
x1,0	0,28		●	20,0x0,5	0,27		●	x1,5	1,11		●
x2,0	0,51		●	x1,0	0,54		●	x2,0	1,46	●	
x3,5	0,74		●	x1,5	0,78	●	●	x2,5	1,82	●	
12,0x0,5	0,16		●	x2,0	1,01	●	●	x3,0	2,15	●	
x0,7	0,24		●	x2,5	1,23	●	●	x4,0	2,69	●	
x1,0	0,30		●	20,0x3,0	1,43	●		x5,0	3,22	●	
x1,5	0,44	●	●	x3,5	1,62	●		x5,5	3,42	●	
x2,0	0,56	●	●	x4,0	1,79	●		x6,0	3,70	●	
x2,5	0,67	●	●	x5,0	2,10	●		x8,0	4,48	●	
x3,0	0,76	●	●	x6,0	2,36	●		29,0x2,5	1,88	●	
x3,5	0,87	●	●	21,0x3,0	1,51	●		x4,0	2,94	●	
13,0x0,5	0,18		●	x4,0	1,92	●		x5,0	3,36	●	
x1,0	0,34		●	22,0x1,0	0,59		●	30,0x0,5	0,41		●
x1,5	0,48		●	x1,5	0,86		●	x1,0	0,81		●
13,0x2,0	0,62	●	●	x2,0	1,12	●		x1,5	1,20	●	●
x2,5	0,74	●	●	x2,5	1,37	●		x2,0	1,57	●	●
x3,0	0,84	●	●	x3,0	1,60	●		x2,5	1,93	●	●
14,0x0,5	0,19		●	x3,5	1,82	●		x3,0	2,27	●	
x1,0	0,37		●	x4,0	2,02	●		x3,5	2,60	●	
x1,5	0,53		●	x5,0	2,38	●		x4,0	2,92	●	
x2,0	0,67	●	●	x6,0	2,69	●		x4,5	3,21	●	

mm	kg/m	CuZn39Pb3	CuZn37	mm	kg/m	CuZn39Pb3	CuZn37	mm	kg/m	CuZn39Pb3	CuZn37
30 x 5,0	3,51	●		37,0 x 3,0	2,85	●		45,0 x 1,0	1,23		●
x 5,5	3,78	●		x 4,0	3,71	●		x 1,5	1,83		●
x 6,0	4,04	●		x 5,0	4,42	●		x 2,0	2,41	●	●
x 6,5	4,28	●		x10,0	7,57	●		x 2,5	2,98	●	●
x 7,0	4,52	●		38,0 x 1,0	1,04		●	x 3,0	3,53	●	
x 7,5	4,78	●		x 1,5	1,54	●	●	x 4,0	4,60	●	
x 8,0	4,99	●		x 2,0	2,02	●		x 5,0	5,61	●	
x 9,0	5,30	●		x 2,5	2,49	●		x 6,0	6,56	●	
x10,0	5,61	●		x 3,0	2,94	●		x 8,0	7,47	●	
x11,0	6,22	●		x 4,0	3,81	●		x10,0	9,82	●	
31,0 x 3,0	2,47	●		x 5,0	4,63	●		x12,5	11,11	●	
32,0 x 1,0	0,87		●	x 6,0	5,55	●		x15,0	12,76	●	
x 1,5	1,34		●	x 6,5	5,74	●		x16,5	16,20	●	
x 2,0	1,68	●		x 7,0	6,09	●		x17,5	17,18	●	
x 2,5	2,07	●		x10,0	8,22	●		46,0 x 3,0	3,62	●	
x 3,0	2,44	●		39,0 x 1,0	Achtka		●	x 4,0	4,71	●	
x 3,5	2,80	●		40,0 x 0,5	0,56		●	x 5,0	5,66	●	
x 4,0	3,14	●		x 1,0	1,09		●	x 9,0	9,44	●	
x 5,0	3,79	●		x 1,5	1,62		●	47,0 x 2,0	2,52	●	
x 6,0	4,37	●		x 2,0	2,13	●	●	x 5,5	6,40	●	
x 7,0	4,90	●		x 2,5	2,63	●	●	48,0 x 1,0	1,31		●
x 8,0	4,92	●		x 3,0	3,11	●		x 2,0	2,69	●	
x10,0	6,16	●		40,0 x 3,5	3,58	●		x 2,5	3,11	●	
33,0 x 2,0	1,81	●		x 4,0	4,04	●		x 3,0	3,79	●	
x 2,5	2,14	●		x 4,5	4,56	●		x 3,5	4,57	●	
x 3,0	2,52	●		x 5,0	4,90	●		x 4,0	4,94	●	
x 3,5	2,89	●		x 6,0	5,72	●		x 4,5	5,48	●	
x 4,0	3,25	●		x 7,0	6,48	●		x 5,0	6,02	●	
x 5,0	3,94	●		x 7,5	6,83	●		x 6,0	7,39	●	
34,0 x 1,0	0,92		●	x 8,0	7,18	●		x 8,0	8,98	●	
x 2,0	1,79	●		x 9,0	8,19	●		x 9,0	9,81	●	
x 3,0	2,61	●		x10,0	8,81	●		50,0 x 0,5	0,69		●
x 3,5	2,99	●	●	x11,0	9,69	●		x 1,0	1,38		●
x 4,0	3,36	●		x13,0	11,45	●		x 1,5	2,04		●
x 5,0	4,06	●		x15,0	13,21	●		x 2,0	2,69	●	●
35,0 x 0,5	0,48		●	41,0 x 4,0	4,20	●		x 2,5	3,33	●	
x 1,0	0,96		●	42,0 x 1,0	1,14		●	x 3,0	3,95	●	
x 1,5	1,41		●	x 1,5	1,71	●	●	x 4,0	5,16	●	
x 2,0	1,85	●		x 2,0	2,24	●	●	x 5,0	6,31	●	
x 2,5	2,28	●		x 2,5	2,77	●	●	x 6,0	7,40	●	
x 3,0	2,69	●		x 3,0	3,28	●		x 7,0	8,44	●	
x 3,5	3,09	●		x 3,5	3,95	●		x 8,0	9,42	●	
x 4,0	3,48	●		x 4,0	4,26	●		x10,0	11,21	●	
x 4,5	3,85	●		x 4,5	4,95	●		x12,0	12,50	●	
x 5,0	4,21	●		x 5,0	5,11	●		x15,0	14,72	●	
x 5,5	4,54	●		x 6,0	6,06	●		52,0 x 1,0	1,43		●
x 6,0	4,88	●		x 8,0	7,63	●		x 2,0	2,80		●
x 7,0	5,49	●		x 9,0	8,71	●		x 3,0	4,12	●	
x 7,5	5,78	●		x10,0	9,39	●		x 3,5	4,76	●	
x 8,0	6,06	●		x12,0	11,27	●		x 4,0	5,31	●	
x10,0	7,01	●		43,0 x 2,5	2,84	●		x 4,5	6,28	●	
x12,5	8,50	●		x 3,0	3,52	●		x 5,0	6,89	●	
36,0 x 0,5	0,52		●	x 4,0	4,37	●		x 7,0	8,83	●	
x 0,7	0,74		●	x 5,0	5,32	●		54,0 x 2,0	2,92	●	
x 1,0	1,03		●	x 5,5	6,06	●		x 5,0	6,87	●	
x 2,0	1,99	●		x 6,0	6,52	●		x 8,0	10,32	●	
x 2,5	2,35	●		x 7,0	7,08	●		55,0 x 1,0	1,51		●
x 3,0	2,78	●		x 9,0	8,58	●		x 2,0	2,96	●	
x 4,0	3,75	●		44,0 x 0,5	0,61		●	x 2,5	3,68	●	
x 5,0	4,54	●		x2,0	2,36	●		x 3,0	4,37	●	
x 6,0	5,11	●		x 4,0	4,48	●		x 4,0	5,72	●	
37,0 x 1,0	1,01		●	x 6,0	6,70	●		x 5,0	7,01	●	

MESSING-ROHRE



MESSING-ROHRE



mm	kg/m	CuZn39Pb3	CuZn37	mm	kg/m	CuZn39Pb3	CuZn37	mm	kg/m	CuZn39Pb3	CuZn37
55,0 x 6,0	8,24	●		70,0 x 3,0	5,63	●		90 x15,0	31,89	●	
x 8,0	10,54	●		x 4,0	7,40	●		x20,0	39,69	●	
x 8,5	11,08	●		x 5,0	9,20	●		95 x 2,5	6,48		●
x10,0	12,62	●		x 6,0	10,76	●		x 5,0	12,61	●	
x15,5	16,83	●		x 7,0	12,36	●		x 8,0	19,52	●	
56,0 x 2,5	3,82	●		x 8,0	13,90	●		x10,0	23,89	●	
x 3,0	4,46	●	●	70,0 x 9,0	15,56	●		x15,0	35,83	●	
x 5,0	7,48	●		70,0 x10,0	16,82	●		96 x 3,0	7,82	●	
x 6,0	8,81	●		x11,0	18,50	●		100 x 1,0	2,77		●
x 8,0	11,27	●		x12,5	20,15	●		x 2,0	5,50	●	
56,0 x10,0	12,89	●		x15,0	23,13	●		x 2,5	6,83	●	
x12,5	15,24	●		x 20,0	28,04	●		x 3,0	8,16	●	
57,0 x 1,0	1,64		●	72,0 x 3,0	6,03	●		x 5,0	13,31	●	
x 3,0	4,75	●		x 4,5	8,49	●		x 6,0	15,81	●	
x 4,0	5,95	●		x 5,0	9,39	●		x 7,0	18,44	●	
58,0 x 1,0	1,60	●		x 6,0	11,10	●		x 8,0	19,96	●	
x 1,5	2,43	●		74,0 x 2,0	4,04		●	x10,0	25,23	●	
x 3,0	4,63	●		x 6,0	11,44	●		x12,5	31,53	●	
x 4,0	6,05	●		75,0 x 1,5	3,23	●		x15,0	35,75	●	
x 5,0	7,43	●		x 2,5	5,08	●		x17,5	43,00	●	
x12,0	16,90	●		x 3,0	6,06	●		x20,0	44,84	●	
59,0 x 2,0	3,24	●		x 5,0	9,81	●		x30,0	75,69	●	
60,0 x 1,0	1,66		●	x 6,0	11,61	●		105 x 2,5	7,19		●
x 1,5	2,46		●	x10,0	18,43	●		x 5,0	14,02	●	
x 2,0	3,25	●		x12,5	20,86	●		108 x 4,0	11,66	●	
x 2,5	4,03	●		x17,5	28,19	●		110 x 4,0	12,45	●	
x 3,0	4,79	●		x20,0	30,82	●		x 5,0	14,72	●	
x 3,5	5,81	●		76,0 x 3,0	6,14	●		x 6,0	17,45	●	
x 4,0	6,28	●		80,0 x 1,0	2,22		●	x10,0	28,35	●	
x 5,0	7,71	●		x 1,5	3,45	●		x25,0	51,60	●	
x 6,0	9,08	●		x 2,0	4,37		●	111 x18,0	56,00	●	
x 7,0	10,40	●		x 2,5	5,43	●	●	115 x 2,5	7,89	●	
x 7,5	10,92	●		x 3,0	6,48	●		x 5,0	16,15	●	
x 8,0	11,67	●		x 4,0	8,53	●		x10,0	30,08	●	
x10,0	14,02	●		x 5,0	10,51	●		120 x 1,0	3,34		●
x12,0	16,33	●		x 6,0	12,45	●		x 2,0	8,24	●	●
x15,0	18,92	●		x 7,0	15,00	●		x 5,0	16,13	●	
x20,0	22,43	●		x 8,0	16,15	●		x10,0	30,81	●	
62,0 x 6,0	9,42	●		x10,0	19,64	●		x15,0	44,50	●	
x15,0	19,75	●		x12,5	22,54	●		x20,0	56,70	●	
63,0 x18,0	20,40	●		x15,0	27,34	●		125 x 5,0	17,61	●	
64,0 x 2,0	3,48	●		x20,0	33,65	●		x10,0	31,50	●	
x 5,0	8,27	●		82,0 x 3,0	6,65	●		x20,0	48,23	●	
65,0 x 1,0	1,80		●	x 7,0	14,51	●		130 x 5,0	18,35	●	
x 1,5	2,67		●	x 8,0	16,36	●		x10,0	34,02	●	
x 2,5	4,38	●		x16,0	33,82	●		x20,0	61,88	●	
x 3,0	5,22	●		85,0 x 2,0	4,66		●	x25,0	73,78	●	
x 4,0	6,96	●		x 2,5	5,78	●		x35,0	83,00	●	
x 5,0	8,41	●		x 5,0	11,21	●		140 x 5,0	19,81	●	
x 8,0	12,79	●		x 7,5	16,30	●		x10,0	36,75	●	
x10,0	15,43	●		x10,0	21,26	●		150 x 5,0	20,33	●	
x15,0	21,26	●		x12,0	23,90	●		x10,0	39,69	●	
66,0 x 3,0	5,30	●		x20,0	39,33	●		x20,0	73,60	●	
x 5,0	8,95	●		x25,0	44,33	●		160 x 5,0	21,73	●	
67,0 x19,0	25,90	●		90,0 x 2,0	4,94		●	x10,0	44,03	●	
68,0 x 1,0	1,87		●	x 2,5	6,13	●		170 x20,0	84,00	●	
x 1,5	2,80		●	x 3,0	7,32	●					
x 5,0	9,25	●		x 4,0	9,64	●					
x 7,0	11,97	●		x 5,0	11,91	●					
70,0 x 1,0	1,93		●	x 6,0	14,29	●					
x 1,5	2,88		●	x 8,0	18,40	●					
x 2,0	3,81	●		x10,0	22,44	●					

mm	kg/m	CuZn39Pb3	mm	kg/m	CuZn39Pb3	mm	kg/m	CuZn39Pb3
15x15x2	0,47	●	25x25x3	1,19	●	30x30x3	1,45	●
20x20x2	0,64	●				40x40x4	1,91	●

MESSING-T-PROFIL



mm	kg/m	CuZn39Pb3	mm	kg/m	CuZn39Pb3	mm	kg/m	CuZn39Pb3
8x 8x1	0,18	●	20x20x2	0,95	●	30x30x3	2,15	●
10x10x1	0,24	●	30x30x2	1,44	●	35x35x3	2,52	●
16x16x1	0,36	●	25x25x3	1,78	●	50x50x5	5,95	●
15x15x2	0,71	●						

MESSING-U-PROFIL



mm	kg/m	CuZn39Pb3	mm	kg/m	CuZn39Pb3	mm	kg/m	CuZn39Pb3
8x 8x1	0,21	●	25x15x3	0,99	●	40x20x2	1,07	●
10x10x1	0,17	●	x15x4	1,73	●	x20x3	1,53	●
x10x2	0,32	●	x20x2	0,77	●	x20x4	2,00	●
x10x3	0,77	●	x25x2	0,86	●	x30x3	1,79	●
12x12x1	0,21	●	x25x3	1,28	●	x40x2	1,39	●
x12x2	0,39	●	x25x4	1,73	●	x40x3	2,06	●
x12x3	0,60	●	30x10x2	0,68	●	x40x4	2,71	●
15x10x2	0,41	●	x15x2	0,77	●	x40x5	3,35	●
x15x1	0,26	●	x15x3	1,15	●	50x25x3	1,91	●
x15x2	0,50	●	x20x2	0,88	●	x25x4	2,56	●
x15x3	0,70	●	x20x3	1,28	●	x50x3	2,59	●
20x10x2	0,50	●	x30x2	1,04	●	x50x4	3,43	●
x15x2	0,60	●	x30x3	1,53	●	x50x5	4,24	●
x15x3	0,86	●	x30x4	2,10	●	60 x 40 x 4	3,43	●
x20x2	0,68	●	x30x5	2,40	●	x60x5	5,13	●
x20x3	0,99	●	35x35x2	1,21	●	x60x4	4,12	●
x20x4	1,28	●	x35x3	1,79	●	x60x6	6,18	●
25x10x2	0,58	●	x35x4	2,36	●			
x15x2	0,68	●	x35x5	2,90	●			

MESSING-WINKEL



mm	kg/m	CuZn39Pb3	mm	kg/m	CuZn39Pb3	mm	kg/m	CuZn39Pb3
10 x5	0,34	●	25 x 5	0,85	●	25 x10	1,52	●
12 x5	0,39	●	25 x 6	0,98	●	40 x12	3,12	●
16 x5	0,49	●	30 x 8	1,44	●	40 x15	3,90	●
20 x5	0,66	●	20x10	1,40	●	60 x15	5,90	●

MESSING-PROFIL



MESSING- FLACH



mm	kg/m	CuZn39Pb3	mm	kg/m	CuZn39Pb3	mm	kg/m	CuZn39Pb3
4x 2,0	0,07	●	20 x 1,5	0,28	●	45 x 3,0	1,26	●
5x 2,0	0,09	●	x 2,0	0,37	●	x 4,0	1,68	●
x 3,0	0,14	●	x 3,0	0,56	●	x 5,0	2,10	●
6x 2,0	0,11	●	x 4,0	0,75	●	x 6,0	2,52	●
x 3,0	0,17	●	x 5,0	0,94	●	x 8,0	3,37	●
x 4,0	0,22	●	x 6,0	1,12	●	x10,0	4,21	●
7x 2,0	0,13	●	x 8,0	1,50	●	x12,0	5,05	●
x 3,0	0,19	●	x10,0	1,87	●	x15,0	6,31	●
8x 1,5	0,11	●	x12,0	2,24	●	x20,0	8,42	●
x 2,0	0,15	●	x15,0	2,81	●	x25,0	10,53	●
x 2,5	0,19	●	22 x 3,0	0,62	●	x30,0	12,63	●
x 3,0	0,22	●	x 5,0	1,03	●	x35,0	14,73	●
x 4,0	0,30	●	24 x 3,0	0,67	●	50 x 2,0	0,94	●
x 5,0	0,37	●	25 x 2,0	0,47	●	x 3,0	1,40	●
x 6,0	0,45	●	x 3,0	0,70	●	x 4,0	1,87	●
10 x 1,5	0,14	●	x 4,0	0,94	●	x 5,0	2,33	●
x 2,0	0,19	●	x 5,0	1,17	●	x 6,0	2,81	●
x 3,0	0,28	●	x 6,0	1,40	●	x 8,0	3,74	●
x 4,0	0,37	●	x 8,0	1,87	●	x10,0	4,68	●
x 5,0	0,47	●	x10,0	2,34	●	x12,0	5,61	●
x 6,0	0,56	●	x12,0	2,81	●	x15,0	7,02	●
x 8,0	0,75	●	x15,0	3,51	●	x 20,0	9,35	●
12x 1,5	0,17	●	x20,0	4,68	●	x25,0	11,69	●
x 2,0	0,22	●	30 x 2,0	0,56	●	x30,0	14,04	●
x 2,5	0,28	●	x 3,0	0,85	●	x35,0	16,36	●
x 3,0	0,34	●	x 4,0	1,12	●	x40,0	18,70	●
x 3,5	0,39	●	x 5,0	1,41	●	55 x 5,0	2,57	●
x 4,0	0,45	●	x 6,0	1,68	●	x 6,0	3,08	●
x 5,0	0,56	●	x 8,0	2,24	●	x 8,0	4,11	●
x 6,0	0,67	●	x10,0	2,81	●	x10,0	5,14	●
x 8,0	0,90	●	x12,0	3,37	●	x12,0	6,17	●
x10,0	1,12	●	x15,0	4,21	●	x15,0	7,72	●
14x 2,0	0,16	●	x16,0	4,49	●	x20,0	10,32	●
x 3,0	0,39	●	x20,0	5,61	●	x25,0	12,86	●
x 4,0	0,52	●	x25,0	7,01	●	60 x 3,0	1,68	●
x 8,0	1,05	●	35 x 2,0	0,65	●	x 4,0	2,24	●
x10,0	1,31	●	x 3,0	0,98	●	x 5,0	2,81	●
15x 2,0	0,28	●	x 4,0	1,31	●	x 6,0	3,37	●
x 3,0	0,42	●	x 5,0	1,64	●	x 8,0	4,49	●
x 4,0	0,56	●	x 6,0	1,96	●	x10,0	5,61	●
x 5,0	0,70	●	x 8,0	2,62	●	x12,0	6,73	●
x 6,0	0,84	●	x10,0	3,27	●	x15,0	8,42	●
x 7,0	0,98	●	x12,0	3,93	●	x20,0	11,22	●
x 8,0	1,12	●	x15,0	4,91	●	x25,0	14,03	●
x10,0	1,40	●	x20,0	6,55	●	x30,0	16,83	●
x12,0	1,68	●	x25,0	8,18	●	x35,0	19,64	●
16x 5,0	0,75	●	40 x 2,0	0,75	●	x40,0	22,44	●
x 8,0	1,20	●	x 3,0	1,12	●	x55,0	30,86	●
x12,0	1,80	●	x 4,0	1,50	●	65 x 5,0	3,04	●
18x 2,0	0,46	●	x 5,0	1,87	●	x 6,0	3,64	●
x 3,0	0,50	●	x 6,0	2,24	●	x 8,0	4,86	●
x 4,0	0,67	●	x 8,0	2,99	●	x10,0	6,07	●
x 5,0	0,75	●	x10,0	3,74	●	x12,0	7,29	●
x 7,0	1,18	●	x12,0	4,49	●	x20,0	13,95	●
x 8,0	1,35	●	x15,0	5,61	●	x25,0	15,19	●
x10,0	1,68	●	x 20,0	7,48	●	x30,0	18,23	●
			x25,0	9,35	●	x35,0	21,12	●
			x30,0	11,22	●			
			x35,0	13,09	●			

mm	kg/m	CuZn39Pb3	mm	kg/m	CuZn39Pb3	mm	kg/m	CuZn39Pb3
70 x 2,5	1,64	●	85x15,0	11,92	●	120x10,0	11,22	●
x 3,5	2,29	●	90 x 5,0	4,21	●	x12,0	13,46	●
x 4,0	2,62	●	x 6,0	5,05	●	x15,0	16,83	●
x 5,0	3,27	●	x 8,0	6,73	●	x20,0	22,44	●
x 6,0	3,93	●	x10,0	8,42	●	x25,0	28,05	●
x 8,0	5,24	●	x12,0	10,10	●	x30,0	33,66	●
x10,0	6,55	●	x15,0	12,63	●	X40,0	44,88	●
x12,0	7,85	●	x20,0	16,83	●	x50,0	56,10	●
x15,0	9,82	●	x25,0	21,05	●	130x15,0	18,24	●
x20,0	13,09	●	x30,0	25,26	●	x20,0	24,31	●
x25,0	16,37	●	x35,0	29,46	●	140x20,0	26,18	●
x30,0	19,85	●	x40,0	33,66	●	x25,0	32,73	●
x35,0	22,91	●	x 50,0	42,08	●	x 40,0	52,36	●
x40,0	26,18	●	x 60,0	50,49	●	x 60,0	78,54	●
x50,0	32,73	●	100x 5,0	4,68	●	150x10,0	14,91	●
75 x 5,0	3,51	●	x 6,0	5,62	●	x12,0	16,83	●
x 8,0	5,61	●	x 8,0	7,48	●	x15,0	21,04	●
x10,0	7,01	●	x10,0	9,35	●	x20,0	28,05	●
x20,0	14,03	●	x12,0	11,22	●	x25,0	35,06	●
x25,0	17,53	●	x15,0	14,03	●	x40,0	56,10	●
x30,0	21,05	●	x20,0	18,70	●	x50,0	70,13	●
80 x 4,0	2,99	●	x25,0	23,88	●	200x10,0	18,70	●
x 5,0	3,74	●	x30,0	28,05	●	x12,0	22,40	●
x 6,0	4,49	●	x35,0	32,73	●	x15,0	28,05	●
x 8,0	5,98	●	100x40,0	37,40	●	x 20,0	37,40	●
x10,0	7,48	●	x50,0	46,75	●	x30,0	56,10	●
x12,0	8,98	●	x80,0	56,10	●	x40,0	74,80	●
x15,0	11,22	●	110x 8,0	8,23	●	x 50,0	93,50	●
x20,0	14,98	●	x10,0	10,29	●	250x20,0	46,75	●
x25,0	18,70	●	x20,0	20,57	●			
x30,0	22,44	●	x30,0	30,86	●			
x35,0	26,18	●	x35,0	36,00	●			
x40,0	29,92	●						
x50,0	37,40	●						
x60,0	44,88	●						

MESSING- FLACH



mm	kg/m	CuZn39Pb3	mm	kg/m	CuZn39Pb3	mm	kg/m	CuZn39Pb3
4,0	0,13	●	19,0	3,07	●	45,0	17,21	●
5,0	0,21	●	20,0	3,40	●	46,0	17,99	●
5,5	0,25	●	22,0	4,16	●	50,0	21,25	●
6,0	0,30	●	24,0	4,90	●	55,0	25,71	●
7,0	0,41	●	25,0	5,31	●	60,0	30,60	●
8,0	0,54	●	26,0	5,75	●	65,0	35,91	●
9,0	0,88	●	27,0	6,51	●	70,0	41,65	●
100	085	●	28,0	6,66	●	80,0	54,40	●
11,0	1,03	●	30,0	7,65	●	90,0	68,85	●
12,0	1,22	●	32,0	8,70	●	100,0	85,00	●
13,0	1,44	●	34,0	9,83	●	110,0	103,00	●
14,0	1,07	●	35,0	10,41	●	120,0	128,00	●
15,0	1,91	●	36,0	11,02	●	130,0	144,00	●
16,0	2,18	●	38,0	12,27	●	150,0	181,25	●
17,0	2,46	●	40,0	13,60	●			
18,0	2,76	●	41,0	14,29	●			

MESSING- VIERKANT



MESSING- RUND



mm	kg/m	CuZn39Pb3	CuZn35Ni2Mn	mm	kg/m	CuZn39Pb3	CuZn36Ni2Mn	mm	kg/m	CuZn39Pb3	CuZn36Ni2Mn
1,0	0,01	●		20,0	2,67	●	●	55,0	20,19	●	●
2,0	0,03	●		20,5	2,81	●		56,0	20,94	●	
2,5	0,04	●		21,0	2,94	●		58,0	22,46	●	
3,0	0,06	●		21,5	3,21	●		60,0	24,03	●	●
3,5	0,08	●		22,0	3,23	●	●	63,0	27,06	●	
4,0	0,11	●		22,5	3,30	●		65,0	28,21	●	●
4,5	0,14	●		23,0	3,50	●	●	70,0	32,71	●	●
5,0	0,17	●		23,5	3,70	●		75,0	37,55	●	●
5,5	0,20	●		24,0	3,84	●	●	80,0	42,73	●	●
6,0	0,24	●		25,0	4,17	●	●	85,0	48,23	●	●
6,5	0,28	●		26,0	4,51	●	●	90,0	54,08	●	●
7,0	0,33	●		27,0	4,87	●		95,0	60,22	●	●
7,5	0,38	●		27,5	5,04	●		100,0	66,80	●	●
8,0	0,43	●	●	28,0	5,23	●	●	105,0	73,70	●	
8,5	0,48	●		29,0	5,61	●		110,0	80,80	●	
9,0	0,54	●		30,0	6,01	●	●	115,0	88,30	●	
9,5	0,61	●		31,0	6,42	●		120,0	96,10	●	●
10,0	0,67	●	●	32,0	6,84	●		125,0	104,00	●	
10,5	0,74	●		33,0	7,27	●		130,0	113,00	●	
11,0	0,81	●		34,0	7,72	●	●	135,0	122,00	●	
11,5	0,88	●		35,0	8,18	●	●	140,0	131,00	●	
12,0	0,96	●	●	36,0	8,65	●	●	145,0	142,00	●	
12,5	1,04	●		37,0	9,15	●		150,0	150,00	●	
13,0	1,13	●	●	38,0	9,64	●	●	160,0	171,00	●	
13,5	1,22	●		39,0	10,15	●		170,0	193,00	●	
14,0	1,31	●	●	40,0	10,68	●	●	180,0	216,00	●	
14,5	1,40	●		41,0	11,22	●		185,0	229,00	●	
15,0	1,50	●	●	42,0	11,78	●	●	190,0	241,00	●	
15,5	1,60	●		43,0	12,34	●		200,0	267,00	●	
16,0	1,71	●	●	44,0	12,92	●		220,0	323,00	●	
16,5	1,82	●		45,0	13,52	●	●	230,0	353,00	●	
17,0	1,90	●		46,0	14,13	●		240,0	410,00	●	
17,5	2,05	●		47,0	16,22	●		250,0	417,00	●	
18,0	2,16	●	●	48,0	15,38	●	●	280,0	523,00	●	
18,5	2,28	●		50,0	16,69	●	●	300,0	601,00	●	
19,0	2,41	●	●	52,0	18,05	●		350,0	818,00	●	
19,5	2,47	●		53,0	18,75	●					

MESSING- SECHSKANT



mm	kg/m	CuZn39Pb3	CuZn36Ni2Mn	mm	kg/m	CuZn39Pb3	CuZn36Ni2Mn	mm	kg/m	CuZn39Pb3	CuZn36Ni2Mn
2,5	0,05	●		20,0	2,94	●		46,0	15,58	●	●
5,0	0,18	●		21,0	3,25	●		48,0	16,96	●	
5,5	0,22	●		22,0	3,56	●	●	50,0	18,40	●	
6,0	0,27	●		24,0	4,24	●	●	55,0	22,27	●	●
7,0	0,36	●		25,0	4,60	●		60,0	26,50	●	●
8,0	0,47	●		27,0	5,37	●	●	65,0	31,10	●	●
9,0	0,60	●		28,0	5,95	●		70,0	36,07	●	
10,0	0,74	●		29,0	6,20	●		75,0	41,41	●	
11,0	0,89	●		30,0	6,63	●		80,0	47,11	●	
12,0	1,06	●		32,0	7,54	●	●	85,0	53,18	●	
13,0	1,24	●		34,0	8,93	●		90,0	59,63	●	
14,0	1,44	●	●	35,0	9,02	●		100,0	77,00	●	
15,0	1,66	●		36,0	9,54	●	●				
16,0	1,88	●		38,0	10,07	●					
17,0	2,13	●	●	40,0	11,78	●					
18,0	2,38	●		41,0	12,37	●	●				
19,0	2,66	●	●	42,0	12,96	●					

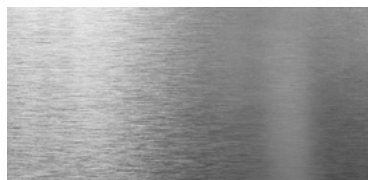
AMETRA METALLHANDEL GmbH
ALU - MESSING - KUPFER - BRONZE - NIRO - KUNSTSTOFF



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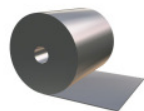
AMETRA METALL

ALUMINIUM



	Al99,5			AlMg3		
	W7 0	G11 H14	G13 H28	W19 0	G22 H22	G27 H26
0,25	•					
0,30	•	•	•	•	•	
0,40	•	•	•	•	•	
0,50	•	•	•	•	•	•
0,60	•	•	•	•	•	•
0,70	•	•	•	•	•	•
0,80	•	•	•	•	•	•
1,00	•	•	•	•	•	•
1,25	•	•	•	•	•	•
1,50	•	•	•	•	•	•
2,00	•	•	•	•	•	•
2,50	•	•		•	•	
3,00	•	•		•	•	

ALU-BAND

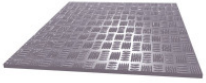


		Al99,5 AA			AlMg1 / NQ		AlMg1 / EQ		AlMg3			AlMg4,5Mn	AlMgSi1		AlZn4,5Mg1	AlCuMg1/2	AlZnMgCu1,5
mm	kg/m	W7 0	611 H 14	F15 H 19	G 15 H 24	G 15 H 24	W 9 0	G 22 H 22	F26 H 16	W 0	F21 T3	F T6	F38 T8	F40 T 4	F51 T4		
0,3 x 500x1000	0,85		•														
x 1000x2000			•					•									
0,4x1000x2000	1,13		•														
0,5x1000x2000	1,42	•	•					•		•	•	•	•				
x 1250x2500			•														
0,6x1000x2000	1,70	•	•					•			•						
x 1250x2500																	
0,7x1000x2000	1,98		•					•									
x 1250x2500			•														
0,8x1000x2000	2,27	•	•				•	•		•		•	•				
x 1250x2500		•	•					•									
1,0x1000x2000	2,83	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
x 1250x2500		•	•		•	•	•	•		•	•	•	•				
x 1500x3000			•		•	•	•	•			•	•	•				
1,2x1000x2000	3,40	•	•	•	•	•	•	•			•	•	•	•			
x 1250x2500		•	•		•	•		•			•	•	•				
x 1500x3000			•		•	•	•	•				•	•				
1,5x1000x2000	4,25	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
x 1250x2500		•	•		•	•	•	•	•			•	•	•	•		
x 1500x3000			•		•	•	•	•				•	•				
2,0x1000x2000	5,66	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
x 1250x2500		•	•		•	•	•	•		•	•	•	•	•			
x 1500x3000			•		•	•	•	•		•		•	•				
2,5x1000x2000	7,08	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
x 1250x2500			•		•	•	•	•		•		•	•				
x 1500x3000			•		•	•	•	•		•		•	•				
3,0x1000x2000	8,49	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
x 1250x2500			•		•	•	•	•		•		•	•				
x 1500x3000			•		•	•	•	•		•		•	•				
4,0x1000x2000	11,32	•	•	•			•	•	•	•		•	•	•	•	•	
x 1250x2500		•	•				•	•		•		•	•				
x 1500x3000			•				•	•		•		•	•				
5,0x1000x2000	14,15	•	•	•			•	•	•	•		•	•	•	•	•	
x 1250x2500			•				•	•		•		•	•	•	•		
x 1500x3000			•				•	•		•		•	•	•	•		

ALU-BLECHE



ALU- RIFFELBLECH



Maße kg/m2		AlMg3		AlMgSi1	
		Duett 3 Bar	Quintett 5 Bar	Duett 3 Bar	Quintett 5 Bar
1,0 / 1,5 x 1250 x 2500	2,84	●	●		
x 1500 x 3000		●	●		
1,5 / 2,5 x 1250 x 3000	4,25	●	●		
2,0 / 3,2 x 1250 x 2500	5,67	●	●		
2,5 / 4,0 x 1000 x 2000	7,88	●	●		
x 1250 x 2500		●	●		
x 1500 x 3000		●	●		
3,5 / 5,0 x 1000 x 2000	10,76	●	●		
x 1250 x 2500		●	●	●	●
x 1500 x 3000		●	●		
5,0 / 6,5 x 1000 x 2000	14,96	●	●		
x 1250 x 2500		●	●		●
x 1500 x 3000		●	●		
6,0 / 7,5 x 1000 x 2000	18,90	●			
x 1250 x 2500		●			
6,5 / 8,0 x 1000 x 2000	20,48	●			
8,0 / 9,5 x 1000 x 2000	25,20	●	●		
x 1250 x 2500		●	●		
x 1500 x 3000		●			

		Al99,5	AlMg3	AlMgSi1	AlMgSi1	AlMg4,5Mn	AlZn4,5Mg1	AlCuMg1/2	AlZnMgCu1,5
mm	kg/m	WH H 14	W 19 H 14	F21 T6	F 28/32 H 11	W 28 F	F36 T8	F40/F44 T4	F51 T4
6,0x1000x2000	17,28	●	●	●	●	●	●	●	●
x 1250x2500		●	●			●	●	●	●
x 1500x3000		●	●		●	●	●	●	●
8,0x1000x2000	23,04	●	●		●	●	●	●	●
x 1250x2500		●	●		●	●	●	●	●
x 1500x3000		●	●		●	●	●	●	●
10,0x1000x2000	28,20	●	●		●	●	●	●	●
x 1250x2500		●	●		●	●	●	●	●
x 1500x3000		●	●		●	●	●	●	●
12,0x1000x2000	34,44	●	●		●	●	●	●	●
x 1250x2500		●	●		●	●	●	●	●
x 1500x3000		●	●		●	●	●	●	●
15,0x1000x2000	43,20	●	●		●	●	●	●	●
x 1250x2500		●	●		●	●	●	●	●
x 1500x3000		●	●		●	●	●	●	●
20,0x1000x2000	57,60	●	●		●	●	●	●	●
x 1250x2500		●	●		●	●	●	●	●
x 1500x3000		●	●		●	●	●	●	●
25,0x1000x2000	72,00	●	●		●	●	●	●	●
x 1250x2500		●	●		●	●	●	●	●
x 1500x3000		●	●		●	●	●	●	●
30,0x1000x2000	86,40	●	●		●	●	●	●	●
x 1250x2500		●	●		●	●	●	●	●
x 1500x3000		●	●		●	●	●	●	●
35,0x1000x2000	100,80		●		●	●		●	●
x 1250x2500			●		●			●	
x 1500x3000			●		●	●	●	●	●
40,0x1000x2000	115,20	●	●		●	●	●	●	●
x 1250x2500			●		●	●	●	●	●
x 1500x3000			●		●	●	●	●	●
45,0x1000x2000	129,60	●				●			●
x 1250x2500									
x 1500x3000			●		●	●	●	●	●
50,0x1000x2000	144,00	●	●		●	●	●	●	●
x 1250x2500			●		●	●	●	●	●
x 1500x3000			●		●	●	●	●	●
55,0x1000x2000	158,40		●		●				●
x 1250x2500					●				
x 1500x3000			●		●	●	●	●	●
60,0x1000x2000	172,80				●	●	●	●	●
x 1250x2500					●	●		●	●
x 1500x3000			●		●	●	●	●	●
65,0x1000x2000	187,10		●	●	●		●	●	
x 1250x2500							●	●	
x 1500x3000					●			●	
70,0x1000x2000	201,60		●	●	●	●	●	●	
x 1250x2500				●	●	●	●	●	
x 1500x3000				●	●		●	●	
75,0x1000x2000	216,90		●	●	●		●	●	
x 1250x2500									
x 1500x3000					●		●		
80,0x1000x2000	230,40		●	●	●	●	●	●	
x 1250x2500			●	●	●	●		●	
x 1500x3000			●	●	●	●	●	●	
85,0x1000x2000	244,80		●	●	●		●	●	
x 1250x2500							●	●	
x 1500x3000								●	
90,0x1000x2000	259,20		●	●	●		●	●	
x 1250x2500				●	●		●		
x 1500x3000			●	●	●			●	

ALU-
BLECH



ALU- BLECH



		Al99,5	AlMg3	AlMgSi1	AlMg4,5Mn	AlZn4,5Mg1	AlCuMg1/2	AlZnMgCu1,5	
mm	kg/m	WH H 14	WH H 14	F28/32 WH	W28 WH	F36 T8	F40/F44 T4	F51 T4	
95,0x1000x2000	273,30		●	●	●		●	●	
x 1250x2500									
x 1500x3000			●				●		
100,0x1000x2000	288,00		●	●	●	●	●	●	
x 1250x2500				●	●	●		●	
X 1500x3000				●	●	●	●	●	
105,0x1000x2000	302,10						●	●	
x 1250x2500									
110,0x1000x2000	316,80		●	●	●		●	●	
x 1250x2500					●				
120,0x1000x2000	345,60		●	●	●		●	●	
x 1250x2500				●	●	●		●	
125,0x1000x2000	359,70							●	
x 1250x2500								●	
130,0x1000x2000	374,40		●	●	●		●	●	
x 1250x2500				●				●	
135,0x1000x2000	389,00							●	
x 1250x2500									
140,0x1000x2000	396,00		●		●	●	●	●	
x 1250x2500			●		●	●	●	●	
150,0x1000x2000	432,00		●	●	●		●	●	
x 1250x2500			●	●	●		●	●	
160,0x1000x2000	460,80			●	●		●	●	
x 1250x2500					●				
170,0x1500x3000	489,60				●			●	
180,0x1000x2000	518,40			●	●		●	●	
190,0x1000x2000	547,20				●			●	
200,0x1000x2000	576,00				●			●	
220,0x1000x2000	633,60				●				
230,0x1000x2000	662,00				●			●	
240,0x1000x2000	691,00				●			●	
250,0x1000x2000	720,00				●			●	
270,0x1000x2000	777,60				●			●	
280,0x1000x2000	806,40				●			●	
300,0x1000x2000	864,00				●			●	
350,0x1000x2000	1008,00				●				
400,0x1400x1200	1152,00				●				
450,0x1400x1100	1296,00				●				
500,0x1400x1000	1440,00				●				

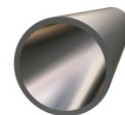
ALUPLATTEN IM SUPERFORMAT



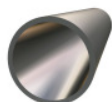
	AlMg3 / Wh	AlMg4,5Mn F28/G31		AlMg3 / Wh	AlMg4,5Mn F28/G31
3,0x2000x8000	●	●	8,0x2000x6000	●	●
4,0x2000x6000	●	●	x2000x8000		●
x2000x8000	●	●	x2400x8000		●
x2400x8000	●	●	9,0x2000x8000		●
5,0x2000x6000	●	●	10,0x2000x6000	●	●
x2000x8000	●	●	x2000x8000		●
x2400x6000	●	●	x2500x6000	●	
x2400x8000	●	●	12,0x2000x6000	●	
6,0x2000x6000	●	●	x2000x8000		●
x2000x8000	●	●	15,0x2000x8000	●	●
x2400x6000	●	●	x2000x8000		●
x2400x8000	●	●	20,0x2000x6000	●	
7,0x2000x6000		●	x2000x8000		●
x2000x8000		●	25,0x2000x8000		●
x2400x6000		●			
x2400x8000		●			
x2500x6000	●				

		Al99,5	AlMg3	AlMgSi0,5	AlMg4,5Mn	AlMgSi1	AlCuMgPb			Al99,5	AlMg3	AlMgSi0,5	AlMg4,5Mn	AlMgSi1	AlCuMgPb
		F10	F18	F22	F28	F28 F32	F38			F10	F18	F22	F28	F28 F32	F38
mm	kg/m	H14	F	T6	F	T6	T6	mm	kg/m	H14	F	T6	F	T6	T6
5 x 1,0	0,04			●				25 x 1,0	0,22			●			
6 x 1,0	0,05			●				x 1,5	0,32			●			
8 x 1,0	0,06	●		●		●		x 2,0	0,41	●	●	●			●
x 1,5	0,09		●	●			●	x 2,5	0,50			●	●	●	
9 x 1,0	0,07			●				x 3,0	0,59	●		●	●	●	●
10 x 1,0	0,08			●				x 4,0	0,75			●		●	●
x 1,5	0,12			●			●	x 5,0	0,88		●	●		●	●
x 2,0	0,14			●				x 6,5	1,09					●	●
x 3,0	0,20			●				26 x 2,0	0,42			●		●	
12 x 1,0	0,10			●				x 3,0	0,61			●			
x 1,2	0,12			●				x 4,0	0,79						●
x 1,5	0,14			●				27 x 4,0	0,82						●
x 2,0	0,18			●			●	x 5,0	0,98					●	
x 3,0	0,24						●	28 x 1,0	0,23			●			●
13 x 1,1	0,11	●		●				x 1,5	0,36			●			
x 1,5	0,16			●				x 2,0	0,47			●			
x 2,0	0,10			●				x 2,5	0,57			●		●	
14 x 1,0	0,11			●				x 3,0	0,67			●			
x 2,0	0,21			●				x 4,0	0,86			●		●	●
x 2,5	0,26			●				x 5,0	1,03			●	●		●
x 3,0	0,30			●				x 6,0	1,29				●	●	
15 x 1,0	0,13		●					29 x 1,5	0,39						●
x 1,5	0,18			●				30 x 1,0	0,25			●			
x 2,0	0,24			●				x 1,5	0,38			●			
x 2,5	0,28				●			x 2,0	0,50			●		●	●
x 3,0	0,33			●				x 2,5	0,61			●			
16 x 1,0	0,14			●				x 3,0	0,73	●	●	●	●	●	●
x 1,5	0,19			●				x 4,0	0,92	●		●		●	●
x 2,0	0,25			●				x 5,0	1,11		●	●	●	●	●
x 2,5	0,30			●	●			x 6,0	1,33					●	●
x 3,0	0,36			●		●		x 7,0	1,53					●	●
x 4,0	0,41						●	x 7,5	1,51			●			
x 5,0	0,55				●			x 8,0	1,57			●			
17 x 1,2	0,19		●					x10,0	1,81			●			●
18 x 1,0	0,16			●				31 x 3,0	0,72	●	●	●			
x 1,5	0,22		●	●			●	x 8,0	1,61						●
x 2,0	0,28			●			●	32 x 1,0	0,28			●			
x 3,0	0,34			●				x 1,5	0,41			●			
x 4,0	0,56		●				●	x 2,0	0,54			●			●
19 x 1,0	0,16			●				x 2,5	0,69						●
x 1,5	0,23			●				x 3,0	0,78			●			
20 x 1,0	0,17			●	●		●	x 4,0	1,00					●	
x 1,5	0,25			●		●	●	x 5,0	1,18			●			●
x 2,0	0,33			●		●	●	x 6,0	1,41			●			●
x 2,5	0,39			●				x 7,5	1,64		●	●			
x 3,0	0,45			●			●	33 x 1,5	0,42						●
x 4,0	0,57			●			●	x 2,5	0,67					●	
x 5,0	0,67			●		●	●	x 4,0	1,01			●			●
x 6,0	0,79						●	34 x 3,0	0,83						●
21 x 1,5	0,26	●						x 4,0	1,13						●
x 3,0	0,48		●					35 x 1,0	0,30	●					
22 x 1,0	0,20						●	x 1,5	0,44			●			●
x 1,5	0,27			●				x 2,0	0,59			●	●		●
x 2,0	0,36			●				x 2,5	0,74			●			●
x 2,5	0,44			●			●	x 3,0	0,86			●	●		●
x 3,0	0,51	●					●	x 4,0	1,11			●	●		●
x 4,0	0,61						●	x 5,0	1,37			●			●
x 5,0	0,76			●		●	●	x 7,0	1,78						●
24 x 3,0	0,54						●	x 8,0	1,96				●		●
								x10,0	2,13						●

ALU-ROHRE



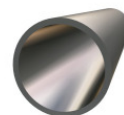
ALU-ROHRE



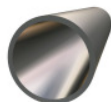
		Al99,5	AlMg3	AlMgSi0,5	AlMg4,5Mn	AlMgSi1	AlCuMgPb			Al99,5	AlMg3	AlMgSi0,5	AlMg4,5Mn	AlMgSi1	AlCuMgPb
		F10	F18	F22	F28	F28/ F32	F38			F10	F18	F22	F28	F28/ F32	F38
mm	kg/m	H 14	F	T 6	F	T 6	T 6	mm	kg/m	H 14	F	T 6	F	T 6	T 6
36 x 1,0	0,31			●				50 x 1,0	0,43	●		●			
x 2,0	0,61			●				x 1,5	0,65			●		●	
x 3,0	0,88			●				x 2,0	0,85			●			●
x 4,0	1,15			●			●	x 2,5	1,06			●			●
x 5,0	1,38						●	x 3,0	1,28			●		●	●
x 7,0	1,82						●	x 3,5	1,45			●			
37 x 2,5	0,79			●				x 4,0	1,67		●	●	●	●	●
38 x 1,5	0,49			●				x 5,0	2,01	●	●	●	●	●	●
x 2,0	0,64			●				x 6,0	2,39			●		●	●
x 3,0	0,96	●	●	●				x 7,5	2,84					●	
x 4,0	1,21			●			●	x 8,0	3,05		●	●		●	●
x 5,0	1,55				●		●	x10,0	3,62		●	●		●	●
x 8,0	2,15						●	x12,0	4,07						●
x10,0	2,54						●	x15,0	4,67					●	●
39 x 3,0	0,96			●				52 x 1,5	0,64			●			
x 5,0	1,57			●				x 4,0	1,71						●
40 x 1,5	0,52			●		●	●	x 8,0	3,19						●
x 2,0	0,69			●		●	●	53 x10,0	3,89						●
x 2,5	0,85			●		●	●	54 x 2,0	0,91			●			
x 3,0	0,99			●	●	●	●	55 x 2,5	1,17			●			●
x 4,0	1,28		●	●	●	●	●	x 5,0	2,27			●			●
x 5,0	1,57			●	●	●	●	x 6,0	2,72			●			●
x 6,0	1,85			●			●	x 8,0	3,41			●		●	●
x 8,0	2,32			●		●	●	x10,0	4,08					●	●
x10,0	2,72		●	●		●	●	x12,0	4,61					●	
x15,0	3,19						●	x15,0	5,36					●	●
42 x 1,0	0,37			●				x17,5	6,43						
x 2,0	0,71			●			●	56 x 3,0	1,42	●	●	●			
x 2,5	0,85						●	x16,0	6,01						●
x 3,0	0,99			●		●		57 x 2,5	1,22			●			
x 5,0	1,65					●	●	x 3,5	1,66					●	
x 6,0	1,95			●			●	58 x 8,5	3,95						●
x 7,0	2,18						●	x10,0	4,27						●
x 8,0	2,43						●	x16,0	5,99						●
x10,0	2,95						●	60 x 1,0	0,53	●		●			
43 x 1,5	0,58						●	x 1,5	0,78			●			●
45 x 1,0	0,39			●				x 2,0	1,03			●			
x 1,5	0,58			●				x 2,5	1,28			●			
x 2,0	0,78		●	●			●	x 3,0	1,55			●		●	
x 2,5	0,95			●			●	x 4,0	2,03			●			
x 3,0	1,12		●	●			●	x 5,0	2,45	●	●	●	●	●	●
x 4,0	1,49			●		●	●	x 6,0	2,94			●	●		●
x 5,0	1,79			●		●	●	x 7,5	3,45			●			
x 6,0	2,13			●			●	x 8,0	3,77			●		●	●
x 7,5	2,66					●		x10,0	4,53		●	●		●	●
x 8,0	2,69						●	x12,0	5,14					●	●
x10,0	3,12			●			●	x15,0	6,12			●			●
x12,5	3,62					●	●	x20,0	7,11					●	
x15,0	3,98						●	61 x 2,0	1,05			●			
46 x 3,0	1,15	●	●					62 x 6,0	2,99			●			
x 6,0	2,14						●	x 7,0	3,62						●
47 x 2,0	0,81			●				x13,0	5,69						●
x 5,5	2,35			●			●	63 x 2,5	1,35			●			
48 x 1,5	0,60			●				x 3,0	1,58	●		●			
x 2,5	1,07						●	x 4,0	2,10					●	
x 3,0	1,20			●			●	x 5,0	2,59		●				●
x 4,0	1,51			●			●	x10,0	4,58			●			
x 8,0	3,01						●	x12,0	5,44					●	
								x15,0	6,42			●		●	
								x16,0	6,71		●				●

		Al99,5	AlMg3	AlMgSi0,5	AlMg4,5Mn	AlMgSi1	AlCuMgPb			Al99,5	AlMg3	AlMgSi0,5	AlMg4,5Mn	AlMgSi1	AlCuMgPb
		F10	F18	F22	F28	F28 F32	F38			F10	F18	F22	F28	F28 F32	F38
mm	kg/m	H 14	F	T6	F	T 6	T6	mm	kg/m	H 14	F	T6	F	T6	T6
64 x12,0	5,86						●	x 6,0	4,34						●
65 x 1,0	0,57			●				x10,0	6,80			●			●
x 2,0	1,12			●				x15,0	9,88			●		●	●
x 2,5	1,39			●				x20,0	12,54					●	●
x 3,5	1,92			●			●	86 x 3,0	2,22	●	●	●			
x 5,0	2,68			●			●	x 9,0				●			
x 6,0	3,32						●	88 x 2,5	1,72			●			
x 8,0	4,09						●	89 x 3,0	2,26		●				
x10,0	4,99		●	●	●	●	●	x 4,0	3,02			●	●		
x11,0	5,30						●	90 x 2,0	1,57		●	●			
x12,0	5,41						●	x 2,5	1,97			●			
x15,0	6,39			●				x 3,0	2,31			●			
70 x 1,5	0,92			●				x 5,0	3,85	●	●	●	●	●	●
x 2,0	1,21			●				x 6,0	4,62			●			
x 2,5	1,62			●				x 8,0	5,67			●			●
x 3,0	1,80			●			●	x10,0	7,25			●		●	●
x 4,0	2,39			●		●		x12,0	7,96						●
x 5,0	2,90		●	●	●		●	x15,0	10,20			●			●
x 6,0	3,75			●		●	●	x20,0	12,93				●	●	●
x 7,0	4,00						●	x25,0	15,16					●	
x 8,0	4,50			●	●	●	●	95 x 2,5	1,98			●			
x10,0	5,44					●	●	x 3,5	2,85			●			
x12,0	7,83					●	●	x 5,0	3,83						●
x15,0	7,48			●		●	●	x 7,5	5,83			●			●
x16,0	8,10					●		x10,0	7,24					●	●
x20,0	9,12					●	●	x11,0	8,22					●	
71 x 3,0	1,82		●	●			●	x15,0	10,98						●
75 x 2,5	1,62			●				x20,0	13,85				●	●	●
x 5,0	3,12	●	●	●	●	●	●	96 x 3,0	2,49			●			
x 6,0	3,70				●		●	x13,0	9,45				●		
x 7,0	4,25			●				100x 2,0	1,75			●	●		
x 7,5	4,62						●	x 2,5	2,16		●	●			
x 8,0	4,78						●	x 3,0	2,59			●		●	
x10,0	5,89			●			●	x 4,0	3,42		●	●			
x15,0	8,83			●			●	x 5,0	4,31	●	●	●	●		●
x20,0	10,21						●	x 6,0	5,11			●		●	●
76 x 2,5	1,64			●				x 7,5	6,38			●			
x 3,0	1,95							x 8,0	6,57			●	●		
x 4,0	2,60			●	●			x10,0	8,16			●	●	●	●
x 5,0	3,16			●				x12,0	9,43			●			
x 9,0	5,66						●	x12,5	9,82					●	
80 x 1,5	1,05		●	●				x15,0	11,55					●	●
x 2,0	1,39		●	●				x16,0	12,32					●	●
x 2,5	1,76		●	●				x20,0	14,78					●	●
x 3,0	2,06			●			●	x25,0	16,73					●	●
x 4,0	2,39			●				x30,0	19,40						●
x 5,0	3,40		●	●		●	●	102x 8,0	6,82						●
x 6,0	4,03			●		●	●	105x 2,5	2,36		●	●			
x 7,0	4,81						●	x 6,0	5,66		●	●			
x 8,0	5,22			●	●	●	●	x 8,0	7,16						●
x10,0	6,35	●		●		●	●	x10,0	8,45			●			
x12,0	8,05						●	x12,5	10,29			●			
x12,5	8,68					●		x15,0	12,02			●			
x15,0	8,84			●	●	●		106x 3,0	2,73	●	●	●	●		
x20,0	10,71					●		x 8,0	6,98			●			
x25,0	12,27							108x 2,5	1,91			●		●	
84 x 2,0	1,46			●				x 3,0	2,81		●	●			
x 4,0	2,92				●			x 4,0	3,71	●	●	●			
85 x 2,5	1,81			●	●										
x 5,0	3,56			●			●								

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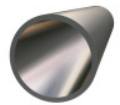
ALU-ROHRE



		Al99,5	AlMg3	AlMgSi0,5	AlMg4,5Mn	AlMgSi1	AlCuMgPb			Al99,5	AlMg3	AlMgSi0,5	AlMg4,5Mn	AlMgSi1	AlCuMgPb
		F10	F18	F22	F28	F28 / F32 T6	F38			F10	F18	F22	F28	F28 / F32 T6	F38
mm	kg/m	H14	F	T6	F	T6	T6	mm	kg/m	H14	F	T6	F	T6	T6
110x 2,0	1,93			●				140x 1,8	2,22			●			
x 2,5	2,52			●				x 3,0	3,65					●	
x 3,0	2,86					●		x 4,0	4,85			●			
x 5,0	4,76	●	●	●	●	●	●	x 5,0	6,01			●	●		
x 8,0	7,40			●				x 7,0	8,44			●			●
x 8,5	7,68			●				x 8,0	9,98			●			
x10,0	8,93			●		●	●	x 9,0	11,22			●			
x15,0	12,92			●		●	●	x10,0	11,96			●	●	●	●
x20,0	17,86		●	●			●	x12,0	13,94			●		●	
x25,0	18,19		●			●	●	x15,0	17,94			●		●	●
x30,0	22,15					●	●	x20,0	22,17			●		●	●
112x15,0	1,29			●				x25,0	25,66			●		●	●
114x 3,0	2,97	●		●				x30,0	29,45			●			●
x 5,0	4,85	●						143x 3,0	3,74			●			
x10,0	9,25			●				144x 6,0	7,23					●	
115x 5,0	4,90			●				150x 2,5	3,67			●			
x10,0	9,81			●				x 3,0	3,93			●			
x15,0	14,70			●				x 5,0	6,57			●			●
120x 2,0	2,11			●				x 6,5	8,24			●			
x 2,5	2,57		●					x 7,5	9,54			●			
x 3,0	3,13			●				x 8,0	9,61					●	
x 4,0	4,14			●				x10,0	12,70			●		●	●
x 5,0	5,21			●			●	x12,0	15,47					●	●
x 6,0	6,25			●				x15,0	18,35			●		●	●
x 8,0	7,98			●				x20,0	25,40			●		●	●
x10,0	9,82			●		●	●	x25,0	31,25					●	●
x12,5	12,5					●		x30,0	38,10			●		●	●
x15,0	14,73			●		●	●	156x 3,0	4,09	●	●	●		●	
x20,0	17,12			●		●	●	157x 3,5	11,22		●				
x25,0	21,20			●			●	159x 3,0	4,11		●				
x30,0	34,81						●	x 4,5	6,08	●					
125x 2,0	2,20			●				160x 3,0	4,12			●			
x 3,0	3,27			●				x 5,0	7,03		●	●			●
x 3,5	3,68			●				x 6,0	8,25			●			
x 4,0	4,29			●				x 8,0	10,85			●	●		
x 5,0	5,36			●				x10,0	13,60	●		●	●	●	●
x 6,0	6,43			●				x12,0	27,61			●			●
x 8,0	8,35			●				x15,0	19,36			●		●	●
x10,0	10,43			●		●		x20,0	24,99			●		●	●
x12,5	12,09			●		●		x30,0	34,81			●			●
x15,0	15,64			●			●	x35,0	39,03					●	
x20,0	20,86			●			●	166x20,0	25,96					●	
130x 3,0	3,92			●				168x 4,0	5,75	●	●				
x 4,0	4,49			●				x 4,5	6,54	●					
x 5,0	5,67			●		●	●	170x 5,0	7,78					●	
x 7,0	7,66			●				x10,0	14,51			●		●	●
x10,0	10,7					●	●	x12,5	17,74			●			
x15,0	15,39			●		●	●	x15,0	20,75			●		●	●
x20,0	18,90			●		●	●	x20,0	26,77			●		●	●
x25,0	22,10			●			●	x30,0	37,47						●
x30,0	26,77			●		●	●	x40,0	46,39			●			
131x 3,0	3,46	●	●	●				175x 5,0	7,64			●			
133x 3,0	3,47			●				x35,0	42,95				●		
x 4,0	4,61	●		●				180x 5,0	7,16			●			
135x 5,0	5,79			●				x 6,0	9,32			●		●	
x10,0	11,13			●				x10,0	15,11			●	●		●
x20,0	20,47			●		●		x15,0	22,09			●			●
136x 3,0	3,54			●		●		x20,0	28,56			●		●	●
138x 3,0	3,60			●				x30,0	39,92					●	●
								x40,0	52,21					●	

		Al99,5	AlMg3	AlMgSi0,5	AlMg4,5Mn	AlMgSi1	AlCuMgPb			Al99,5	AlMg3	AlMgSi0,5	AlMg4,5Mn	AlMgSi1	AlCuMgPb
		F10	F18	F22	F28	F28 F32	F38			F10	F18	F22	F28	F28 F32	F38
mm	kg/m	H 14	F	T6	F	T6	T6	mm	kg/m	H 14	F	T6	F	T6	T6
185 x 10,0	15,61			●				260 x 5,0	13,12		●	●		●	
190 x 3,5	7,03			●				x 10,0	22,26					●	
x 5,0	8,67					●		x 12,0	26,49			●		●	
x 6,0	9,85			●				x 15,0	35,40					●	
x 10,0	16,07			●		●	●	x 20,0	47,20					●	
x 15,0	24,65						●	x 30,0	61,35					●	
x 20,0	30,22					●	●	280 x 10,0	24,09					●	
194 x 5,0	8,25					●		x 15,0	35,40					●	
200 x 4,0	7,08					●		x 30,0	63,60					●	
x 5,0	8,85			●		●		285 x 20,0	45,90					●	
x 6,0	9,87			●		●		300 x 10,0	25,87			●			
x 8,0	14,11			●		●		x 16,0	40,54			●			
x 10,0	17,22			●	●	●	●	308 x 4,0	10,85			●			
x 12,5	20,92					●		310 x 20,0	51,74			●			
x 15,0	23,53					●		320 x 10,0	27,65			●			
x 20,0	30,52					●		330 x 10,0	28,13					●	
x 25,0	39,05					●		350 x 10,0	30,33			●			
x 30,0	43,24					●		365 x 25,5	77,24			●			
x 40,0	54,26					●		380 x 10,0	33,01			●			
205 x 12,0	20,67					●		400 x 4,0	14,10				●		
206 x 3,0	5,31		●			●		x 16,0	54,81			●			
208 x 4,0	7,28	●	●	●											
210 x 5,0	9,15			●		●									
x 6,0	10,92					●									
x 10,0	16,96			●		●									
x 15,0	25,58					●									
x 20,0	33,92			●		●									
219 x 4,0	7,68		●	●											
x 5,0	9,38	●	●		●										
220 x 5,0	9,59			●											
x 8,0	15,14	●				●									
x 10,0	18,92	●		●		●									
x 15,0	26,07					●									
x 20,0	35,00					●									
x 25,0	42,50					●									
x 30,0	49,90					●									
230 x 5,0	9,53			●		●									
x 6,0	11,94	●													
x 10,0	18,66			●		●									
x 15,0	27,34					●									
x 16,0	30,55			●											
x 20,0	35,70					●									
x 30,0	53,02					●									
240 x 5,0	10,90			●		●									
x 10,0	19,63				●	●									
x 15,0	30,04					●									
x 20,0	39,27					●	●								
x 30,0	56,21					●									
245 x 10,0	20,97					●									
250 x 5,0	10,70			●											
x 6,0	13,06			●											
x 8,0	16,42					●									
x 10,0	20,36					●									
x 15,0	29,88				●	●									
x 20,0	39,00					●									
x 50,0	88,90					●									
258 x 4,0	8,87			●											

ALU-ROHRE



ALU-
FORMROHRE



		AlMgSi 0,5			AlMgSi 0,5			AlMgSi 0,5
mm	kg/m	F22 T6	mm	kg/m	F22 T6	mm	kg/m	F22 T6
15 x 15x2,0	0,30	●	x 40x3,0	1,46	●	x 50x4,0	3,22	●
20 x 10x2,0	0,30	●	x 40x4,0	1,86	●	x 50x5,0	3,78	●
x 15x2,0	0,35	●	x 50x2,0	1,09	●	x 60x2,0	1,69	●
x 20x1,5	0,30	●	x 50x2,5	1,35	●	x 60x2,5	2,06	●
x 20x2,0	0,41	●	x 50x3,0	1,57	●	x 60x3,0	2,50	●
x 20x3,0	0,55	●	x 50x4,0	2,09	●	x 60x4,0	3,45	●
25 x 10x2,0	0,34	●	x 50x5,0	2,43	●	x 80x3,0	2,82	●
x 15x2,0	0,41	●	55 x 55x2,0	1,15	●	x 100x2,0	2,18	●
x 20x2,0	0,52	●	60 x 20x2,0	0,86	●	x 100x3,0	3,19	●
x 25x1,5	0,39	●	x 25x2,0	0,93	●	x 100x4,0	4,36	●
x 25x2,0	0,52	●	x 25x3,0	1,28	●	x 100x5,0	5,39	●
x 25x3,0	0,78	●	x 30x2,0	0,98	●	120 x 18x2,0	1,45	●
30 x 15x1,5	0,36	●	x 30x3,0	1,43	●	x 20x2,0	1,54	●
x 15x2,0	0,47	●	x 40x2,0	1,04	●	x 20x2,5	2,22	●
x 20x2,0	0,52	●	x 40x2,5	1,35	●	x 30x2,0	1,60	●
x 20x3,0	0,66	●	x 40x3,0	1,60	●	x 30x3,0	2,36	●
x 30x2,0	0,64	●	x 40x4,0	2,09	●	x 40x2,0	1,72	●
x 30x3,0	0,92	●	x 50x3,0	1,77	●	x 40x2,5	2,10	●
x 30x4,0	1,08	●	x 50x4,0	2,21	●	x 40x4,0	3,45	●
34 x 20x2,0	0,57	●	x 60x2,0	1,31	●	x 50x2,0	1,80	●
x 20x3,0	0,82	●	x 60x3,0	1,94	●	x 50x3,0	2,75	●
x 34x3,0	1,06	●	x 60x4,0	2,54	●	x 50x4,0	3,79	●
35 x 15x2,0	0,50	●	x 60x5,0	2,97	●	x 60x3,0	1,72	●
x 20x2,0	0,60	●	x 60x6,0	3,81	●	x 60x4,0	3,68	●
x 25x1,5	0,58	●	65 x 65x2,0	1,36	●	x 80x3,0	3,31	●
x 25x2,0	0,66	●	70 x 20x2,0	0,93	●	x 120x2,5	3,19	●
x 35x2,0	0,75	●	x 30x2,0	1,04	●	x 120x4,0	3,31	●
x 35x3,0	1,21	●	x 70x2,5	1,91	●	x 120x5,0	6,21	●
40 x 10x2,0	0,50	●	x 70x4,0	2,99	●	x 120x5,0	6,21	●
x 15x2,0	0,60	●	75 x 50x3,0	1,93	●	130 x 30x3,0	2,50	●
x 20x2,0	0,64	●	80 x 18x2,0	1,02	●	x 50x3,0	3,71	●
x 20x2,5	0,75	●	x 20x2,0	1,04	●	140 x 18x2,0	1,67	●
x 20x3,0	0,92	●	x 20x2,5	1,28	●	x 20x3,0	2,49	●
x 20x4,0	1,18	●	x 30x2,0	1,12	●	x 40x3,0	2,91	●
x 25x2,0	0,69	●	x 30x3,0	1,82	●	x 60x2,5	2,64	●
x 30x2,0	0,75	●	x 30x4,0	2,43	●	x 80x4,0	4,58	●
x 30x2,5	0,92	●	x 40x2,0	1,27	●	150 x 30x2,0	1,91	●
x 30x3,0	1,09	●	x 40x2,5	1,55	●	x 40x4,0	4,13	●
x 30x4,0	1,41	●	x 40x3,0	1,94	●	x 50x4,0	4,36	●
x 40x2,0	0,86	●	x 40x4,0	2,54	●	x 50x6,0	6,40	●
x 40x2,5	1,06	●	x 50x2,0	1,37	●	x 60x3,0	3,31	●
x 40x3,0	1,26	●	x 50x4,0	2,77	●	x 60x5,0	5,53	●
x 40x4,0	1,63	●	x 60x2,5	1,76	●	x 100x3,0	3,95	●
x 40x5,0	1,98	●	x 60x3,0	2,18	●	x 150x3,0	5,53	●
45 x 20x2,0	0,69	●	x 60x4,0	3,17	●	x 150x5,0	9,25	●
x 25x2,0	0,71	●	x 80x2,0	1,72	●	160 x 40x2,0	2,12	●
x 34x3,0	1,19	●	x 80x3,0	2,50	●	x 60x4,0	4,71	●
x 45x2,0	0,92	●	x 80x4,0	3,45	●	x 60x5,0	5,67	●
50 x 15x2,0	0,69	●	x 80x6,0	5,17	●	170 x 70x4,0	5,02	●
x 20x1,5	0,56	●	85 x 85x2,0	1,79	●	180 x 40x4,0	4,81	●
x 20x2,0	0,75	●	90 x 40x3,0	0,93	●	x 50x4,0	5,04	●
x 20x3,0	0,92	●	x 90x4,0	3,72	●	x 60x3,0	3,72	●
x 20x4,0	1,41	●	100x 18x2,0	1,30	●	200 x 18x2,0	2,36	●
x 25x2,0	0,80	●	x 20x2,0	1,33	●	x 50x4,0	5,45	●
x 25x2,5	0,90	●	x 25x2,0	1,31	●	x 80x4,0	6,05	●
x 25x3,0	1,13	●	x 30x2,0	1,37	●	x 100x4,0	6,29	●
x 30x2,0	0,86	●	x 30x3,0	2,18	●	240x 100x4,0	7,18	●
x 30x2,5	1,06	●	x 40x2,0	1,47	●	300x 120x4,5	9,99	●
x 30x3,0	1,26	●	x 40x3,0	2,28	●			●
x 34x3,0	0,41	●	x 40x4,0	2,99	●			●
x 40x2,0	0,93	●	x 50x2,0	1,58	●			●
x 40x2,5	1,21	●	x 50x3,0	2,36	●			●

		E-Al99,5	AlMg3	AlMgSi0,5	AlMg4,5Mn	AlMgSi1	AlCuMgPb			E-Al99,5	AlMg3	AlMgSi0,5	AlMg4,5Mn	AlMgSi1	AlCuMgPb
mm	kg/m	F10	F18	F22	F28	F28/ F32	F38	mm	kg/m	F10	F18	F22	F28	F28/ F32	F38
		H 14	F	T6	F	T6	T6			H 14	F	T6	F	T6	T6
8 x 3,0	0,07			●				35 x 2,0	0,20			●			
10 x 2,0	0,05			●				x 3,0	0,29			●			
x 3,0	0,08			●			●	x 4,0	0,40			●		●	
x 4,0	0,12			●			●	x 5,0	0,50			●			
x 5,0	0,15			●			●	x 6,0	0,60			●			
x 6,0	0,17			●				x 8,0	0,79			●			●
x 8,0	0,23			●		●	●	x10,0	0,99			●			●
12 x 2,0	0,06			●				x12,0	1,20					●	●
x 3,0	0,11			●				x15,0	1,49			●		●	●
x 4,0	0,14			●				x20,0	1,98			●		●	●
x 5,0	0,17			●			●	x25,0	2,48			●			●
x 6,0	0,20			●			●	x28,0	2,78				●		
x 8,0	0,27							40 x 2,0	0,22			●			
x10,0	0,34			●			●	x 3,0	0,34	●	●	●	●	●	
15 x 2,0	0,08			●				x 4,0	0,45		●	●	●	●	●
x 3,0	0,13			●		●		x 5,0	0,57	●	●	●	●	●	●
x 4,0	0,17			●				x 6,0	0,68			●		●	●
x 5,0	0,21			●		●	●	x 8,0	0,90			●	●	●	●
x 6,0	0,25			●		●	●	x10,0	1,13	●	●	●	●	●	●
x 8,0	0,34			●		●	●	x12,0	1,37			●		●	●
x10,0	0,42			●			●	x15,0	1,70		●	●		●	●
x12,0	0,51						●	x20,0	2,27		●	●		●	●
18 x 2,0	0,11			●				x25,0	2,84			●	●	●	●
x 5,0	0,26			●				x30,0	3,40			●		●	●
x 6,0	0,31			●				x35,0	3,97		●			●	●
x 8,0	0,40			●				45 x 3,0	0,38			●			
x10,0	0,51			●				x 4,0	0,51			●			
20 x 2,0	0,12	●		●		●		x 5,0	0,64						
x 3,0	0,17			●		●	●	x 8,0	1,02			●			●
x 4,0	0,23			●	●	●		x10,0	1,28			●			●
x 5,0	0,28			●	●	●	●	x12,0	1,53						●
x 6,0	0,34			●			●	x15,0	1,91			●			●
x 8,0	0,45			●	●		●	x20,0	2,56			●			●
x10,0	0,57		●	●	●	●	●	x25,0	3,19			●			●
x12,0	0,68			●			●	x30,0	3,83			●			
x15,0	0,85			●		●	●	x35,0	4,47			●			●
25 x 2,0	0,15	●		●		●		x40,0	5,10			●			
x 3,0	0,21			●	●	●		50 x 2,0	0,29			●			
x 4,0	0,28			●		●		x 3,0	0,43		●	●			
x 5,0	0,36			●		●	●	x 4,0	0,57		●	●	●	●	
x 6,0	0,42			●			●	x 5,0	0,71	●	●	●	●	●	●
x 8,0	0,57			●		●	●	x 6,0	0,85		●	●	●	●	●
x10,0	0,70			●		●	●	x 8,0	1,13		●	●	●	●	●
x12,0	0,84			●		●	●	x10,0	1,42	●	●	●		●	●
x15,0	1,06			●		●	●	x12,0	1,70		●	●	●	●	●
x16,0	1,13						●	x15,0	2,13		●	●		●	●
x20,0	1,42			●		●	●	x18,0	2,62			●			
30 x 2,0	0,17			●				x20,0	2,84		●	●		●	●
x 3,0	0,25	●	●	●	●	●		x25,0	3,55			●		●	●
x 4,0	0,34		●	●	●	●		x30,0	4,26		●	●	●	●	●
x 5,0	0,43	●	●	●	●	●	●	x35,0	4,97			●			●
x 6,0	0,52			●	●	●	●	x40,0	5,67		●	●			●
x 8,0	0,68		●	●	●	●	●	55 x 5,0	0,78			●			
x10,0	0,85	●		●	●	●	●	x10,0	1,56			●			●
x12,0	1,03			●		●	●	x20,0	3,12			●			●
x15,0	1,28	●	●	●		●	●	x25,0	4,13						●
x20,0	1,70			●		●	●	x45,0	7,41						●
x25,0	2,12			●		●	●								

ALU-
FLACH



ALU- FLACH



		E-Al99,5	AlMg3	AlMgSi0,5	AlMg4,5Mn	AlMgSi1	AlCuMgPb			E-Al99,5	AlMg3	AlMgSi0,5	AlMg4,5VIn	AlMgSi1	AlCuMgPb
mm	kg/m	F10 H 14	F18 F	F22 T6	F28 F	F28/ F32 T6	F38 T6	mm	kg/m	F10 H 14	F18 F	F22 T6	F28 F	F28/ F32 T6	F38 T6
60 x 2,0	0,34			●				90 x 3,0	0,77			●			
x 3,0	0,51			●				x 4,0	0,97			●		●	
x 4,0	0,85			●		●		x 5,0	1,28			●	●		
x 5,0	0,85		●	●	●	●	●	x 8,0	2,04			●		●	
x 6,0	1,02			●	●	●	●	x10,0	2,55			●			●
x 8,0	1,37		●	●	●	●	●	x12,0	3,27			●			●
x10,0	1,70	●	●	●	●	●	●	x15,0	3,83			●		●	●
x12,0	2,04		●	●	●	●	●	x20,0	5,10			●		●	●
x15,0	2,55		●	●	●	●	●	x25,0	6,80					●	●
x20,0	3,40		●	●		●	●	x30,0	7,67						●
x25,0	4,25		●	●		●	●	x40,0	10,21			●			●
x30,0	5,10		●	●	●	●	●	x50,0	12,81						●
x35,0	5,95			●		●	●	x60,0	15,36						●
x40,0	6,80			●		●	●	100x 3,0	0,85			●			
x45,0	7,66			●				x 4,0	1,13			●	●		
x50,0	8,64					●	●	x 5,0	1,42			●	●	●	
65 x 4,0	0,89			●				x 6,0	1,70			●		●	●
x 5,0	0,92			●	●			X 8,0	2,27			●	●	●	
x 6,0	1,11			●				x10,0	2,84	●	●	●	●	●	●
x10,0	1,84			●			●	x12,0	3,40			●			●
x 15,0	2,77			●	●			x15,0	4,25	●		●		●	●
x20,0	3,69			●		●	●	x20,0	5,67		●	●	●	●	●
70 x 2,0	0,40			●				x25,0	7,09			●		●	●
x 3,0	0,60			●				x30,0	8,53		●	●		●	●
x 4,0	0,79			●				x35,0	10,46			●		●	●
x 5,0	1,00			●	●			x40,0	11,34			●		●	●
x 6,0	1,19			●	●		●	x45,0	13,03			●			
x 8,0	1,59							x50,0	14,18			●	●		●
x10,0	1,99		●	●		●	●	x60,0	17,01						●
x12,0	2,37					●	●	110x10,0	3,12			●			
x15,0	2,98					●	●	x15,0	4,66					●	
x20,0	3,97						●	x30,0	9,58			●			
x25,0	4,97					●	●	120x 5,0	1,70			●			
x30,0	5,96						●	x 6,0	2,04			●			
x35,0	6,95						●	x 8,0	2,72			●			
x40,0	7,94			●			●	x10,0	3,40	●		●		●	●
x45,0	10,22					●		x12,0	4,08			●		●	
x50,0	9,98						●	x15,0	5,10		●	●		●	
75 x 5,0	1,06			●				x20,0	6,80			●		●	
x10,0	2,13			●			●	x25,0	8,51			●			
x20,0	4,25			●				x30,0	10,21			●			
x50,0	11,21						●	x40,0	13,61			●			
80 x 3,0	0,68			●				x45,0	15,28						
x 4,0	0,91			●		●		x50,0	18,71						
x 5,0	1,13	●	●	●	●	●		x60,0	20,41						
x 6,0	1,36			●	●	●	●	125x10,0	3,53					●	
x 8,0	1,82		●	●	●	●		x70,0	26,16						●
x10,0	2,31	●		●	●	●	●	130x 5,0	1,84			●			
x12,0	2,73			●		●	●	x 6,0	2,21			●			
x15,0	3,40		●	●	●	●	●	x 8,0	2,95			●			
x20,0	4,54			●	●	●	●	x10,0	3,69			●			●
x25,0	5,67			●		●	●	x15,0	5,53			●			
x30,0	6,80			●		●	●	x20,0	7,38			●			
x35,0	8,37						●	x30,0	11,07			●			
x40,0	9,07			●		●	●	x50,0	18,43			●			
x50,0	11,34			●		●	●	140x 5,0	1,98			●			
x60,0	13,61			●		●	●	x10,0	3,97			●		●	●
85x15,0	3,62			●				x15,0	5,95			●			
x20,0	4,82						●	x20,0	7,94			●			
								x30,0	11,91			●			

		E-Al99,5	AlMg3	AlMgSi0,5	AlMg4,5Mn	AlMgSi1	AlCuMgPb			E-Al99,5	AlMg3	AlMgSi0,5	AlMg4,5Mn	AlMgSi1	AlCuMgPb
		F10	F18	F22	F28	F28/ F32	F38			F10	F18	F22	F28	F28/ F32	F38
mm	kg/m	H 14	F	T6	F	T6	T6	mm	kg/m	H 14	F	T6	F	T6	T6
150x 3,0	1,30			●				160x 6,0	2,72			●			
x 5,0	2,13			●				x 8,0	3,63			●			
x 8,0	3,41			●				x10,0	4,54	●		●		●	
x10,0	4,26		●	●		●	●	x12,0	5,44			●			
x12,0	5,10			●				x15,0	6,80			●			
x15,0	6,38	●		●		●	●	x20,0	9,08					●	●
x20,0	8,51			●		●	●	180x10,0	5,10			●			
x25,0	11,22						●	200x40,0	21,60					●	
x30,0	12,99			●		●	●	x 8,0	4,54			●			
x40,0	17,01						●	x10,0	5,67	●		●		●	
x50,0	21,13						●	x15,0	8,51			●			●
x60,0	25,52						●	x20,0	11,88			●		●	

ALU- FLACH



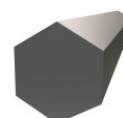
		AlMg3	AlMgSi0,5	AlMgSi1	MgSiPb	AlCuMgPb	AlZnMgCu1,5			AlMg3	AlMgSi0,5	AlMgSi1	AlMgSiPb	AlCuMgPb	AlZnMgCu1,5
		F18	F22	F28/ F32	F28	F38	F50 F52			F18	F22	F28/ F32	F28	F38	F50 F52
mm	kg/m	H 14	F6	T6	T6	T6	T6	mm	kg/m	H 14	F6	T6	T6	16	T6
3	0,05		●					32	2,90		●	●	●	●	
4	0,06		●					35	3,48		●			●	
5	0,07		●					36	3,63	●		●		●	
6	0,11		●	●		●		40	4,70	●	●	●	●	●	
7	0,14		●	●	●			45	5,74		●	●	●	●	
8	0,19		●	●		●		50	7,35	●	●	●	●	●	●
9	0,27				●			55	8,58		●		●	●	
10	0,29		●	●	●	●		60	10,58	●	●	●	●	●	●
12	0,42		●	●	●	●		65	11,98		●		●	●	
14	0,58		●	●	●	●		70	14,41		●	●	●	●	●
15	0,66		●	●	●	●	●	75	16,59			●		●	
16	0,73		●			●		80	18,82	●	●	●	●	●	●
17	0,81		●	●	●			85	20,90			●		●	
18	0,92		●	●		●		90	22,96		●	●	●	●	
19	1,05			●				100	29,40		●	●	●	●	
20	1,18	●	●	●	●	●		110	35,17			●		●	
22	1,42		●	●		●		120	40,95		●	●	●	●	●
23	1,48			●				130	47,91		●	●		●	
24	1,63		●	●				140	55,57		●	●		●	
25	1,84		●	●	●	●		150	66,15		●	●		●	
27	2,11				●		●	160	75,28					●	
28	2,26					●		180	95,24					●	
30	2,65	●	●	●	●	●		200	112,00					●	

ALU- VIERKANT



6	0,09					●		24	1,47			●		●	
7	0,12			●		●		27	1,86			●	●	●	
9	0,21			●				30	2,29			●		●	
10	0,25			●		●		32	2,61			●	●	●	
11	0,31			●	●	●		36	3,18			●	●	●	
12	0,37			●	●	●		41	4,13			●	●	●	
13	0,39				●	●		46	5,47				●	●	
14	0,50			●	●	●		50	6,37			●		●	
15	0,61				●			55	8,71					●	
17	0,74			●	●	●		60	9,17					●	
18	1,06					●		65	10,36					●	
19	0,92			●	●	●		70	12,67					●	
20	1,02			●				80	16,55					●	
22	1,23			●	●	●									

ALU- SECHSKANT



ALU-T PROFILE



mm kg/m	AlMg3	AlMgSi0,5	AlMg4,5Mn	AlMgSi1	mm kg/m	AlMg3	AlMgSi0,5	AlMg4,5Mn	AlMgSi1
	F18 F	F22 T6	F28 F	F28/32 T6		F18 F	F22 T6	F28 F	F28/32 T6
15x 15x2,0 0,16		●			x 60x4,0 1,11		●	●	
x 15x3,0 0,23		●			x 60x5,0 1,35		●		
20 x 20x2,0 0,22		●			50 x 50x4,0 1,09		●	●	
x 20x3,0 0,31		●			x 50x5,0 1,35		●	●	
25 x 25x2,0 0,27		●			60 x 40x4,0 1,11		●	●	
x 25x3,0 0,40		●			x 40x5,0 1,35		●	●	
30 x 30x2,0 0,33		●			x 60x5,0 1,63		●	●	
x 30x3,0 0,49		●			x 60x6,0 1,94		●		
35 x 35x3,0 0,57		●			x100x6,0 2,64		●		
40 x 40x3,0 0,66		●			80 x 40x6,0 1,94		●	●	
x 40x4,0 0,86		●	●		x 80x7,0 3,04		●		
x 50x4,0 1,09		●			100x100x6,0 3,32		●		

ALU-U PROFILE



		AlMgSi0,5			AlMgSi0,5			AlMgSi0,5
HxBxS	kg/m	F22 T6	HxBxS	kg/m	F22 T6	HxBxS	kg/m	F22 T6
8x 8x1,0 0,11	●		40x 20x3,0 0,63	●		60x 60x 4,0 1,95	●	
10x10x2,0 0,15	●		x 20x4,0 0,82	●		x 60x 5,0 2,42	●	
x20x2,0 0,26	●		x 30x3,0 0,80	●		x 60x 6,0 2,86	●	
12x12x2,0 0,17	●		x 30x4,0 1,04	●		65x 25x 2,5 0,78	●	
15x15x2,0 0,23	●		x 40x2,0 0,66	●		x 40x 6,0 2,30	●	
18x18x2,0 0,28	●		x 40x2,5 0,82	●		x 55x 2,5 1,21	●	
20x20x1,5 0,24	●		x 40x3,0 0,97	●		70x 40x 5,0 2,00	●	
x 20x2,0 0,32	●		x 40x4,0 1,27	●		80x 30x 3,0 1,14	●	
x 20x3,0 0,46	●		x 60x5,0 2,13	●		x 40x 4,0 1,73	●	
x 25x1,2 0,25	●		45 x 25x3,0 0,76	●		x 40x 6,0 2,55	●	
x 40x3,0 0,80	●		50 x 30x3,0 0,89	●		x 45x 6,0 2,69	●	
21x 32x2,0 0,46	●		x 30x4,0 1,13	●		x 45x 8,0 3,40	●	
25x 20x3,0 0,50	●		x 32x3,0 0,92	●		x 50x 5,0 2,41	●	
x 25x2,0 0,40	●		x 40x4,0 1,38	●		x 90x 8,0 5,53	●	
x 25x3,0 0,59	●		x 50x4,0 1,61	●		85x 25x 3,0 1,10	●	
30x 10x2,0 0,25	●		x 50x5,0 1,99	●		x 85x 2,5 2,16	●	
x 15x3,0 0,46	●		55 x 45x2,0 0,80	●		86x 40x 3,0 1,36	●	
x 20x2,0 0,37	●		60 x 25x2,5 0,85	●		100x 40x 2,0 1,22	●	
x 20x3,0 0,54	●		x 30x4,0 1,27	●		x 40x 3,0 1,51	●	
x 30x2,0 0,49	●		x 30x5,0 1,56	●		x 40x10,0 4,54	●	
x 30x3,0 0,71	●		x 35x3,0 1,05	●		x 55x10,0 5,39	●	
35x 35x2,0 0,57	●		x 40x2,5 0,96	●		120x 45x10,0 5,39	●	
x 35x3,0 0,84	●		x 40x3,0 1,14	●		x 65x 8,0 6,04	●	
40x 20x2,0 0,43	●		x 40x4,0 1,50	●		140x 60x 8,0 5,53	●	
x 20x2,5 0,53	●		x 40x5,0 1,84	●		180x 50x 6,0 5,41	●	

ALU- FLACHWULST PROFILE

		AlMgSi1			AlMgSi1			AlMgSi1
Abmessung/m	kg/m	F22-32 T6	Abmessung/m	kg/m	F22-32 T6	Abmessung/m	kg/m	F22-32 T6
HP 60x5,0 1,24	●		HP 100x5,0 2,67	●		HP 160x6,5 5,94	●	
HP 65x3,5 1,23	●		HP 120x5,0 3,60	●		HP 180x7,0 7,08	●	
HP 75x4,0 1,60	●		HP 140x6,0 4,72	●				
HP 85x4,5 2,02	●		HP 150x6,0 5,30	●				

mm	kg/m	Al99,5	AlMg3	AlMgSi0,5	AlMgSi1	AlMg4,5Mn	AlMgSiPb	AlCuMgPb	AlCuMg1/2	AlZn4,5Mg1	AlZnMgCu1,5
		F 8 F	F 18 F	F 22 T6	F 28/32 T6	F 28 T6	F 28 F	F 38 T6	T6	T6	F 51 T6
2,0	0,009							•			
2,5	0,015							•			
3,0	0,021			•				•			
4,0	0,037			•				•			
4,5	0,046						•				
5,0	0,058			•	•		•	•			
6,0	0,083		•	•	•	•	•	•			
6,5	0,093							•			
7,0	0,113				•		•	•			
8,0	0,148		•	•	•	•	•	•		•	
9,0	0,187				•		•	•			
10,0	0,231	•	•	•	•	•	•	•		•	•
11,0	0,279				•	•	•	•			
12,0	0,333	•	•	•	•	•	•	•	•		•
13,0	0,391			•	•	•	•	•			
14,0	0,453		•	•	•	•	•	•			
15,0	0,520	•	•	•	•	•	•	•			•
16,0	0,591		•	•	•	•	•	•			
17,0	0,668		•		•			•			
18,0	0,748		•	•	•	•	•	•		•	•
19,0	0,834			•	•	•	•	•			
20,0	0,924	•	•	•	•	•	•	•	•	•	•
21,0	1,019			•	•		•	•			
22,0	1,117		•	•	•	•	•	•			•
23,0	1,224					•	•	•			
24,0	1,330			•	•		•	•			
25,0	1,443	•	•	•	•	•	•	•	•	•	•
26,0	1,561		•	•	•		•	•	•		•
27,0	1,683					•	•	•			
28,0	1,810	•		•	•	•	•	•			•
29,0	1,914							•			
30,0	2,078	•	•	•	•	•	•	•	•	•	•
31,0	2,219				•			•			
32,0	2,365	•	•	•	•	•	•	•	•	•	•
33,0	2,580						•	•	•		•
34,0	2,669					•	•	•			
35,0	2,829	•	•	•	•	•	•	•	•	•	•
36,0	2,993			•	•	•	•	•	•		•
37,0	3,020							•			
38,0	3,334			•	•	•	•	•	•		
39,0	3,271						•	•			
40,0	3,694	•	•	•	•	•	•	•	•	•	•
41,0	3,740							•			
42,0	3,926			•	•	•	•	•	•		•
43,0	4,269			•							
44,0	4,309							•			
45,0	4,675		•	•	•	•	•	•	•		•
46,0	4,746						•	•			
48,0	5,470				•		•	•			
50,0	5,773	•	•	•	•	•	•	•	•	•	•
52,0	6,24			•	•		•	•			
55,0	6,98		•	•	•	•	•	•			•
56,0	7,24				•			•	•		•
58,0	7,24							•			
60,0	8,31	•	•	•	•	•	•	•	•	•	•
62,0	8,71							•			
63,0	9,16				•			•	•		•
65,0	9,77		•	•	•	•	•	•			•
67,0	10,07							•			

ALU-
RUND



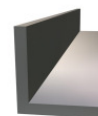
ALU- RUND



mm	kg/m	Al99,5	AlMg3	AlMgSi0,5	AlMgSi 1	AlMg4,5Mn	AlMgSiPb	AlCuMgPb	AlCuMg1/2	AlZn4,5Mg1	AlZnMgCu1,5
		F 8 F	F18 F	F22 T6	F 28/32 T6	F28 T6	F28 F	F38 T6	T6	T6	F51 T6
70,0	11,31	•	•	•	•	•	•	•	•	•	•
72,0	11,54							•			
75,0	13,02		•	•	•	•	•	•	•		•
80,0	14,78		•	•	•	•	•	•	•	•	•
82,0	14,86							•			
85,0	16,70	•	•	•	•	•	•	•			•
90,0	18,70		•	•	•	•	•	•	•	•	•
95,0	20,79		•	•	•	•		•			
100,0	23,09	•	•	•	•	•	•	•	•	•	•
105,0	25,41			•	•		•	•			
110,0	27,93		•	•	•	•	•	•	•	•	•
115,0	30,60		•	•				•			•
120,0	33,29	•	•	•	•	•	•	•	•	•	•
125,0	36,12		•		•		•	•	•	•	•
130,0	39,06		•		•	•	•	•	•	•	•
135,0	42,11		•		•			•			
140,0	45,26	•	•	•	•	•	•	•	•	•	•
145,0	46,87				•			•			
150,0	51,98		•		•	•	•	•	•		•
155,0	53,47						•				
160,0	59,12		•		•	•	•	•	•	•	•
165,0	60,59							•	•		•
170,0	66,78		•		•	•		•			•
180,0	77,76		•		•	•	•	•	•	•	•
185,0	85,33				•						•
190,0	88,37				•	•	•	•			•
200,0	92,40		•		•	•	•	•	•	•	•
210,0	101,85		•		•	•	•	•			•
220,0	111,72		•		•		•	•	•		•
230,0	122,12				•		•	•			•
240,0	133,04				•			•	•		
250,0	144,27		•		•	•		•	•	•	•
255,0	149,71						•				•
260,0	156,14				•	•		•			•
270,0	168,34				•			•			•
280,0	181,02		•		•	•		•			•
290,0	194,10							•			
300,0	207,08		•		•	•		•		•	•
310,0	221,90		•				•	•	•		•
320,0	236,46		•		•	•		•			•
330,0	251,00				•			•		•	
340,0	245,00							•			
350,0	282,00		•		•	•	•	•		•	
355,0	290,00						•	•			
360,0	299,00					•		•			
370,0	301,10							•			
380,0	330,00				•	•		•			
400,0	369,00				•	•		•		•	
410,0	362,20						•				
420,0	373,90							•			
430,0	426,00				•			•			
450,0	467,00				•	•		•			
480,0	531,00							•			
500,0	577,00					•		•			
510,0	591,00						•				

			AlMg3	AlMgSi0,5	AlMg4,5Mn	AlMgSi1				AlMg3	AlMgSi0,5	AlMg4,5Mn	AlMgSi1
			F18	F22	F28	F 28/32				F18	F22	F28	F 28/32
mm	kg/m		F	T6	F	T6	mm	kg/m		F	T6	F	T6
10x10x 2,0	0,10			●			40x20x 5,0	0,78			●		
12x12x 2,0	0,12			●			x25x 2,0	0,36			●		
15x10x 2,0	0,13			●			x25x 2,5	0,44			●		
x15x 2,0	0,16	●		●			x25x 3,0	0,53			●		
x15x 3,0	0,23	●		●			x25x 4,0	0,69			●	●	
20x10x 2,0	0,16			●			x30x 2,0	0,39			●		
x10x 3,0	0,23			●			x30x 3,0	0,57			●		
x15x 2,0	0,20			●			x30x 4,0	0,75			●		
x15x 2,5	0,23			●			x30x 5,0	0,92			●	●	
x15x 3,0	0,27			●			x40x 2,0	0,44			●		
x20x 2,0	0,22			●	●		x40x 3,0	0,66			●	●	
x20x 3,0	0,32	●		●	●		x40x 4,0	0,86	●		●	●	
x20x 4,0	0,41			●			x40x 5,0	1,06	●		●	●	●
x20x 5,0	0,49			●			x40x 6,0	1,26			●	●	
25x10x 2,0	0,19			●			45x10x 2,0	0,30			●		
x10x 3,0	0,27			●			x15x 2,0	0,33			●		
x15x 2,0	0,22			●			x20x 2,0	0,36			●		
x15x 2,5	0,28			●			x20x 3,0	0,53			●		
x15x 3,0	0,32			●			x25x 2,0	0,39			●		
x20x 2,0	0,24			●			x30x 3,0	0,62			●		
x20x 2,5	0,30			●			x45x 2,0	0,50			●		
x20x 3,0	0,36			●	●		x45x 4,0	0,98			●		
x25x 2,0	0,27			●			x45x 5,0	1,21			●		
x25x 3,0	0,40			●	●		50x15x 2,0	0,36			●		
x25x 4,0	0,51			●			x15x 3,0	0,54			●		
x25x 5,0	0,64			●			x20x 2,0	0,39			●		
x25x 6,0	0,75			●	●		x20x 2,5	0,48			●		
30x10x 2,0	0,22			●			x20x 3,0	0,57			●		
x10x 3,0	0,31	●		●			x20x 4,0	0,75			●		
x13x 3,0	0,34			●			x25x 1,5	0,31			●		
x15x 2,0	0,24			●			x25x 2,0	0,41			●		
x15x 3,0	0,36			●			x25x 2,5	0,51			●		
x15x 5,0	0,57			●			x25x 3,0	0,61	●		●	●	
x20x 2,0	0,27			●			x25x 4,0	0,81	●		●		
x20x 2,5	0,34			●			x25x 5,0	1,00			●		
x20x 3,0	0,40	●		●			x30x 2,0	0,44			●		
x20x 4,0	0,52			●			x30x 3,0	0,66	●		●	●	
x25x 2,5	0,42			●			x30x 4,0	0,86	●		●	●	●
x25x 3,0	0,44			●			x30x 5,0	1,06			●	●	
x30x 2,0	0,33			●			x35x 4,0	0,92			●		
x30x 3,0	0,49	●		●	●		x35x 5,0	1,15	●		●		
x30x 4,0	0,64	●		●	●	●	x40x 2,0	0,50			●		
x30x 5,0	0,78	●		●			x40x 3,0	0,74			●		
35x10x 2,0	0,25			●			x40x 4,0	0,98			●		
x15x 3,0	0,40			●			x40x 5,0	1,21	●		●	●	●
x20x 2,0	0,30			●			x50x 2,0	0,56			●		
x20x 3,0	0,44			●			x50x 3,0	0,83			●	●	
x25x 3,0	0,50			●			x50x 4,0	1,09	●		●	●	●
x35x 2,0	0,39			●			x50x 5,0	1,35	●		●	●	●
x35x 3,0	0,57			●			x50x 6,0	1,60	●		●	●	●
x35x 4,0	0,75	●		●	●		x50x 8,0	2,09	●		●		
x35x 5,0	0,92			●			x 50x10,0	2,55			●		
x35x 6,0	1,09			●			60x10x 2,0	0,39			●		
40x10x 2,0	0,27			●			x15x 2,0	0,41			●		
x15x 2,0	0,30			●			x20x 2,0	0,44			●		
x20x 2,0	0,33	●		●			x20x 2,5	0,55			●		
x20x 2,5	0,41			●			x20x 3,0	0,66			●		
x20x 3,0	0,49			●			x25x 2,0	0,47			●		
x20x 4,0	0,64			●			x25x 2,5	0,57			●		

ALU-
WINKEL



ALU- WINKEL



		AlMg3	AlMgSi0,5	AlMg4,5Mn	AlMgSi1			AlMg3	AlMgSi0,5	AlMg4,5Mn	AlMgSi1
mm	kg/m	F18 F	F22 T6	F28 F	F28/32 T6	mm	kg/m	F18 F	F22 T6	F28 F	F28/32 T6
60x25x 3,0	0,70		•			100 x 20x 2,0	0,67		•		
x25x 4,0	0,94		•			x 30x 3,0	1,08		•		
x30x 2,0	0,50		•			x 40x 3,0	1,17		•		
x30x 3,0	0,74		•	•	•	x 40x 4,0	1,54		•		
x30x 4,0	0,98		•	•	•	x 40x 6,0	2,31		•		
x30x 5,0	1,21		•	•	•	x 50x 3,0	1,25		•		
60x40x 2,0	0,56		•			x 50x 4,0	1,66		•		
x40x 3,0	0,83		•			x 50x 5,0	2,06	•	•		
x40x 4,0	1,09		•			x 50x 6,0	2,45		•	•	
x40x 5,0	1,35	•	•	•		100 x 50x 8,0	3,22		•		•
x40x 6,0	1,60	•	•			x 50x 10,0	3,97		•		
x50x 2,0	0,61		•			x 60x 6,0	2,62		•	•	
x50x 4,0	1,20	•	•			x 60x 8,0	3,45		•	•	
x50x 5,0	1,49	•	•			x 70x 2,0	0,95		•		
x60x 2,0	0,66		•			x 80x 10,0	4,82		•		
x60x 2,5	0,83		•			x100x 4,0	2,22		•		
x60x 3,0	1,00	•	•			x100x 6,0	3,30		•		
x60x 4,0	1,32		•	•		x100x 10,0	5,39	•	•	•	•
x60x 5,0	1,63		•	•		120 x 40x 4,0	1,77		•		
x60x 6,0	1,94	•	•	•	•	x 50x 5,0	2,34		•		
x60x 7,0	2,24		•	•		x 60x 2,0	1,01		•		
x60x 8,0	2,54		•			x 60x 6,0	2,96		•		
x 60x10,0	3,12		•			x 60x 8,0	3,97		•		
65x15x 2,0	0,44		•			x 80x 3,0	1,67		•		
x50x 5,0	1,31			•		x 80x 10,0	5,39	•	•		
x50x 6,0	1,85		•			x120x 8,0	5,46		•		
70x15x 2,0	0,47		•			x120x12,0	8,37		•		
x25x 2,5	0,65		•			125 x 80x 8,0	4,47		•		
x30x 2,0	0,55		•			130 x 30x 3,0	1,34	•	•		
x30x 3,0	0,83	•	•			x 65x 9,0	4,75		•		
x50x 3,0	1,64		•			x 80x 8,0	4,46		•		
x60x 6,0	2,11		•			140 x 40x 3,0	1,51		•		
x70x 5,0	1,94		•			x 40x 4,0	2,01		•		
x70x 6,0	2,28		•			150 x 40x 4,0	2,11		•		
75x50x 5,0	1,70	•	•	•	•	x 50x 4,0	2,23		•		
x50x 6,0	2,02		•	•		x 75x10,0	6,10		•		
x50x 7,0	2,34		•	•		x100x 5,0	3,47		•		
x75x 6,0	2,45		•	•		170 x 40 x 3,0	1,34		•		
80x15x 2,0	0,53		•			x120x10,0	6,53		•		
x20x 2,0	0,56		•			180 x 80x10,0	7,09		•		
x25x 2,5	0,73		•			x150x 6,0	5,51		•		
x30x 3,0	0,91		•			200 x100x10,0	8,22		•		
x40x 2,0	0,67		•								
x40x 3,0	1,00		•								
x40x 4,0	1,32		•	•	•						
x40x 5,0	1,63		•	•							
x40x 6,0	1,94		•	•							
x40x 8,0	2,54		•								
x50x 5,0	1,78		•								
x50x 6,0	2,11		•								
x60x 6,0	2,36		•								
x80x 3,0	1,34		•								
x80x 4,0	1,77		•								
x80x 5,0	2,24		•								
x80x 6,0	2,62		•								
x80x 8,0	3,45		•								
x80x10,0	4,25		•	•							
x80x12,0	5,04		•								
90x90x 3,0	1,58		•								