BROUWER METAAL
RESISTANCE WELDING COPPER ALLOYS

● Rounds
■ Squares
▬ Flats
⬢ Hexagonals
● Discs

Brocadur® CCZ

mm Ø ●	kg/m	mm Ø ●	kg/m	mm ■	kg/m	mm ▬	kg/m	mm ▬	kg/m	mm ⬢	kg/mm	mm Ø ●	kg/Scheiben kg/Discs kg/Disques	mm Ø ●	kg/Scheiben kg/Discs kg/Disques
5	0,18	135	127,50	12,7	1,42	10x5	0,44	*100x20	17,80	12	1,12	149x20	3,11	335x27	21,21
6	0,25	140	137,20	13	1,50	20x4	0,70	*100x25	22,00	14	1,51	150x20	3,15	365x20	18,65
8	0,45	150	158,00	15	2,00	20x6	1,06	*100x30	26,70	17	2,23	160x20	3,58	380x20	20,22
9	0,56	160	179,20	16	2,28	20x10	1,78	*100x35	30,80	19	2,78	190x16	4,04	400x18	20,16
10	0,70	170	202,30	18	2,88	20x12,5	2,20	*100x40	35,60	22	3,73	190x24	6,06	270/158x20	6,71
12	1,01	180	227,00	20	3,56	20x15	2,67	*100x50	44,50	24	4,44	200x16	4,48	300/85x22	12,75
12,5	1,09	200	280,00	25	5,56	25x4	0,88	*100x65	57,20	27	5,62	200x20	5,60	300/148x9	4,29
12,7	1,13	210	308,70	25,4	5,67	25x5	1,11	*100x80	70,40	30	7,40	215x25	8,09	300/148x10	4,77
13	1,18	240	403,20	30	8,00	25x6	1,32	*105x85	78,54	32	7,90	220x16	5,42	320/149x11	6,17
14	1,37	260	473,20	32	9,10	25x10	2,33	*120x30	32,10	36	8,88	220x20	6,78	320/163x18	9,55
15	1,58	278	540,98	35	10,90	25x15	3,34	*120x40	42,70			225x20	7,09	335/100x24	17,17
16	1,79			36	11,55	25x20	4,45	*120x50	52,80			230x16	5,93	350/119x18	13,65
18	2,27			38	12,71	30x10	2,67	*120x60	64,08			235x40	15,46	370/118x15	12,91
19	2,53			40	14,25	30x15	4,00	*125x90	99,00			240x36	14,51	370/119x18	15,47
20	2,80			45	18,02	30x20	5,35	*126x56	62,10			250x10	4,38	390/118x18	17,41
22	3,39			50	22,25	30x25	6,67	*126x66	74,01			250x12	5,25		
23	3,70			60	32,05	35x20	6,23	*130x20	22,88			250x12,7	5,56		
24	4,03			70	43,01	35x25	7,80	*135x75	89,10			250x16	7,00		
25	4,38			80	56,96	38x25	8,46	*140x80	98,56			250x20	8,75		
26	4,74			90	71,28	40x10	3,56	*150x30	39,60			270x18	9,19		
27	5,10			100	89,00	40x15	5,35	*150x50	67,50			270x20	10,21		
28	5,48			106	98,88	40x20	7,10	*150x75	100,00			280x12	6,59		
30	6,30			110	106,48	40x25	8,90	*115x100	101,20			300x12	7,56		
32	7,20			120	126,72	40x30	10,70	*160x60	84,48			300x16	10,08		
35	8,60			126	139,71	40x35	12,32	*175x135	207,90			300x20	12,60		
37	9,68			130	150,40	45x20	7,92	*200x30	53,40			300x22	13,86		
38	10,10			136	162,76	50x10	4,45	*200x40	71,20			310x9,5	6,39		
40	11,20			140	174,40	50x12	5,28	*200x50	89,00			310x25	16,82		
45	14,20			146	187,58	50x15	6,70	*200x60	106,80			320x18	12,90		
50	17,50			150	198,00	50x20	8,90	*200x80	142,40						
55	21,20			160	225,28	50x25	11,10	*200x90	158,40						
60	25,17					50x30	13,40	*200x100	178,00						
65	29,52					50x35	15,58	*200x120	213,60						
70	34,25					60x6	3,20	*210x36	67,30						
75	39,37					60x10	5,35	*226x136	270,48						
80	44,74					60x12	6,34	*260x60	137,28						
83	48,22					60x15	8,00	*280x85	209,44						
85	50,57					60x20	10,70	*300x50	132,00						
90	56,63					60x25	13,40	*300x60	158,40						
100	69,90					60x30	16,05	*300x65	171,60						
110	84,70					*60x40	21,36	*300x75	198,00						
120	100,70					*60x50	26,40	*300x80	211,20						
125	109,38					70x15	9,35	*310x65	177,32						
130	118,30					70x20	12,50	*310x80	218,24						
						70x30	18,70	*310x105	286,44						
						80x10	7,12	*310x125	341,00						
						80x15	10,56	*400x30	106,80						
						80x20	14,25	*400x40	142,40						
						*80x30	21,30	*400x50	178,00						
						*80x40	28,50	*400x60	213,60						
						*80x50	35,60	*400x70	246,40						
						*98x58	50,02	*400x80	281,60						
								*400x90	316,80						
								*400x100	352,00						
								*400x120	422,40						

up to 60 mm dia., drawn to DIN 1756 material group II; above 60 mm dia., extruded or forged, dia. tolerances on request

up to 50 mm square, drawn to DIN 1761 material group II; above 50 mm square, extruded or forged, tolerances on request

drawn to DIN 1759
*extruded or forged, tolerances on request

drawn to DIN 1763 material group II

Tolerances to DIN 44 754

Profiles kg/m

SKE-1447		24,3
25x25x8		3,0
Form	A / DIN 44762	23,60
	B / "	2,02
	C / "	2,23

BROUWER METAAL
RESISTANCE WELDING COPPER ALLOYS

Brocadur® CCNB

mm Ø ●	mm Ø ●	mm ■	mm
6	72	10	
8	75	13	
10	77	16	
12	80	20	
12,5	82	25	
13	85	30	
14	87	32	
16	90	35	
18	92	38	
19	95	40	
20	97	50	
22	100	60	
25	102	80	
28	105	106	
30	107		
32	110		
33	115		
35	117		
38	120		
40	122		
42	125		
45	127		
50	130		
52	135		
55	137		
59	140		
60	145		
62	150		
65	155		
67	160		
70	180		
	185		
	190		
	200		
	215		

mm ■	mm ■	mm ■
20x10	* 60x40	*300x75
20x15	* 60x45	*305x65
20x16	* 60x50	*305x85
25x10	* 70x5	*360x55
25x12	70x20	*360x60
25x15	70x30	*360x70
25x16	80x20	*360x75
25x20	* 80x30	*400x50
30x10	* 80x40	*400x60
30x12	* 80x60	*400x80
30x15	* 85x55	*400x100
30x20	*100x15	*420x40
30x25	*100x20	*420x45
35x20	*100x25	*420x50
38x25	*100x30	*420x55
40x7	*100x40	*420x60
40x10	*100x50	*420x65
40x15	*120x50	*420x70
40x20	*125x45	*420x75
40x25	*128x58	*420x80
40x30	*128x68	*420x85
45x18	*140x40	*420x90
45x20	*158x58	*420x95
45x30	*160x40	*420x100
45x40	*185x45	*420x105
50x15	*200x40	*420x110
50x20	*200x60	*420x115
50x25	*200x80	*420x120
50x30	*200x120	
50x40	*240x70	
55x15	*250x65	
55x20	*250x80	
60x15	*250x100	
60x20	*250x120	
60x25	*300x55	
60x30	*300x65	
	*300x70	

up to 50 mm dia., drawn to DIN 1756 material group II; above 50 mm dia., forged and mashined or extruded > 100 mm Ø forged, tolerances on request.

Brocadur® CNCS

mm Ø Scheiben Discs Disques ●	mm Ø ●	
114x20	10	87
115x20	12	92
190x14	16	97
190x19	20	102
190x40	25	104
200x10	30	107
200x16	35	111
200x30	40	117
220x16	42	122
220x20	47	127
225x16	52	132
250x12,7	57	137
250x16	62	142
250x20	67	147
270x20	72	148
300x16	77	160
300x20	82	170
320x25		190
360x20		210

tolerances to DIN 44 754

up to 47 mm Ø drawn to DIN 1756
> 47 mm Ø forged and machined or extruded

mm ⬢	mm ■
17	25x16
19	40x20
22	50x20
24	60x20
25	80x20
27	

Profiles

13142
13200
13233
13946
14177
14405
14717
14718
15691
15825
15x15x9,5°
20x20x13°
25x25x13°
40x25x13°
40x30x13°

mm ■
20x20
30x30
40x40
50x50

drawn to DIN 1759 material group II;
* forged, tolerances on request.

Brocadur® B20

mm Ø ●
12
14
15
16
20
22
25
30
35
38
40
45
50
60
65
70
75
80
85
90
95
100
110
120
125
128
135
137
160
180
200

solution heat-treated can be supplied hardened on request