



Q=U [ kg/m ]

Q=U	N	DIAM	Q	UNIT	C.TOTAL
CASO	1	5,0	2	250	500
	2	5,0	2	235	470
	3	5,0	303	78	23634
	4	5,0	2	345	690
	5	5,0	2	305	610
	6	5,0	665	58	38570
	7	5,0	15	600	1320
	8	8,0	1	245	245
	9	8,0	2	602	1204
	10	8,0	1	610	610
	11	8,0	2	1057	2114
	12	8,0	1	155	155
	13	8,0	2	375	750
	14	8,0	2	444	888
	15	8,0	1	124	124
	16	8,0	1	179	179
	17	8,0	2	486	972
	18	8,0	1	233	233
	19	8,0	2	1039	2118
	20	8,0	2	88	176
	21	8,0	1	150	150
	22	8,0	2	180	360
	23	8,0	2	184	368
	24	8,0	2	200	400
	25	8,0	2	182	364
	26	8,0	1	149	149
	27	8,0	1	153	153
	28	8,0	2	77	154
	29	8,0	2	110	220
	30	8,0	2	113	226
	31	8,0	4	294	1176
	32	8,0	2	192	384
	33	8,0	1	105	105
	34	8,0	1	162	162
	35	8,0	1	165	165
	36	8,0	3	214	642
	37	8,0	2	274	548
	38	8,0	2	290	580
	39	8,0	2	237	474
	40	8,0	4	232	928
	41	8,0	1	262	262
	42	8,0	3	271	813
	43	8,0	4	162	648
	44	8,0	2	264	528
	45	8,0	2	129	258
	46	8,0	2	374	748
	47	8,0	2	339	678
	48	8,0	2	364	728
	49	8,0	1	220	220
	50	8,0	2	529	1058
	51	8,0	2	379	758
	52	8,0	2	714	1428
	53	8,0	1	225	225
	54	8,0	2	539	1078
	55	8,0	4	246	984
	56	8,0	2	265	530
	57	8,0	2	494	988
	58	8,0	2	502	1004
	59	10,0	2	181	362
	60	10,0	2	250	500
	61	10,0	2	430	860
	62	10,0	2	215	430
	63	10,0	2	649	1298
	64	10,0	2	423	846
	65	10,0	1	195	195
	66	10,0	2	695	1390
	67	10,0	2	577	1154
	68	10,0	1	136	136
	69	10,0	1	186	186
	70	10,0	2	211	422
	71	10,0	2	137	274
	72	10,0	1	79	79
	73	10,0	2	438	876
	74	10,0	2	426	852
	75	10,0	2	745	1490
	76	12,5	1	235	235
	77	12,5	2	1029	2058
	78	12,5	2	612	1224
	79	12,5	2	184	368
	80	12,5	2	623	1246
	81	16,0	2	355	710

Q=U [ kg/m ]

Q=U	DIAM	C.TOTAL	PESO
CASO	8,0	322,7	127,3
	10,0	113,7	70,1
	12,5	51,4	49,4
	16,0	6,2	9,7
CASO	8,0	656	101,1

PESO TOTAL  
CASO 256,5  
CASO 101,1

1) Q=U - kg/m de concreto para BUA  
2) Q=U - kg/m de concreto para C&A

**TÍTULO** CSF DE TAPERUABA, DISTRITO DO MUNICÍPIO DE SOBRAL/CE

**PROJETO** ESTRUTURAL-VIGAS

**ENDEREÇO** RUA EUFRAZINO BASTO, S/N, TAPERUABA - CE

**PROPRIETÁRIO** PREFEITURA MUNICIPAL DE SOBRAL

**AUTOR DO PROJETO** CARLOS EDUARDO BRATZ

**RESPONSÁVEL TÉCNICO** CARLOS EDUARDO BRATZ

**CONTEÚDO** - VIGAS

**PREFEITURA MUNICIPAL DE SOBRAL**  
Secretaria de Obras,  
Módulo de Serviço Público

DATA	ESCALA	INDICADA	DESENHO	FOLHA
09/05/2018			CARLOS	01/04

**Obs:** IMPRIMIR EM FOLHA A1