



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	64	99	6336
	2	5.0	200	119	23800
	3	5.0	2	164	328
	4	5.0	2	178	356
	5	5.0	2	116	232
	6	5.0	2	116	232
	7	5.0	2	202	404
	8	5.0	2	127	254
	9	5.0	2	159	318
	10	5.0	2	135	270
	11	5.0	123	139	17097
	12	5.0	2	276	552
	13	5.0	2	106	212
	14	5.0	2	174	348
	15	5.0	2	169	338
	16	5.0	2	149	298
	17	5.0	2	239	478
	18	5.0	2	169	338
	19	5.0	2	129	258
	20	5.0	1	123	123
CA50	21	6.3	6	1196	7176
	22	6.3	6	471	2826
	23	6.3	6	1200	7200
	24	6.3	6	477	2862
	25	8.0	2	95	190
	26	8.0	2	215	430
	27	8.0	2	420	840
	28	8.0	2	421	842
	29	8.0	2	322	644
	30	8.0	2	165	330
	31	8.0	2	174	348
	32	8.0	2	467	934
	33	8.0	2	427	854
	34	8.0	2	175	350
	35	8.0	2	225	450
	36	8.0	2	175	350
	37	8.0	2	225	450
	38	10.0	3	303	909
	39	10.0	2	544	1088
	40	10.0	1	153	153
	41	10.0	1	213	213
	42	10.0	1	205	205
	43	10.0	2	480	960
	44	10.0	2	173	346
	45	10.0	1	158	158
	46	10.0	2	203	406
	47	10.0	1	206	206
	48	10.0	1	186	186
	49	10.0	1	467	467
	50	10.0	2	414	828
	51	10.0	1	240	240
	52	10.0	2	335	670
	53	10.0	2	314	628
	54	10.0	5	462	2310
	55	10.0	2	177	354
	56	10.0	2	310	620
	57	10.0	2	146	292
	58	10.0	1	150	150
	59	10.0	2	195	390
	60	10.0	2	217	434
	61	10.0	2	165	330
	62	10.0	2	198	396
	63	12.5	2	521	1042
	64	12.5	1	143	143
	65	12.5	1	205	205
	66	12.5	1	153	153
	67	12.5	2	222	444
	68	12.5	1	212	212
	69	12.5	1	297	297
	70	12.5	2	590	1180
	71	12.5	2	616	1232
	72	12.5	3	178	534
	73	12.5	2	223	446
	74	12.5	1	271	271
	75	12.5	2	571	1142
	76	12.5	1	179	179
	77	12.5	2	238	476
	78	12.5	1	173	173
	79	12.5	2	238	476
	80	12.5	1	476	476
	81	12.5	4	754	3016
	82	12.5	4	546	2184
	83	12.5	1	235	235
	84	12.5	2	569	1138
	85	12.5	2	325	650
	86	12.5	2	370	740
	87	12.5	2	510	1020
	88	12.5	1	163	163
	89	12.5	2	228	456
	90	12.5	2	473	946
	91	12.5	2	304	608
	92	12.5	1	504	504
	93	12.5	1	255	255
	94	12.5	3	300	900
	95	12.5	2	581	1162
	96	12.5	2	305	610
	97	12.5	2	490	980

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	201.9	54.3
	8.0	74.3	32.3
	10.0	136.8	92.8
	12.5	244.4	259
	5.0	524.5	88.9
CA60			
PESO TOTAL (kg)			438.4
CA50			88.9
CA60			

Volume de concreto (C-30) = 7.26 m³  
Área de forma = 90.98 m²