

RELAÇÃO DO AÇO					
V1	V2	V3	V4	V5	V6
V7	V8	V9	V10	V11	V12
V13	V14	V15	V16	V17	V18
V19	V20	V21	V22	V23	
AÇO	N	DIAM (mm)	QUANT	C UNIT (cm)	C TOTAL (cm)
CA60	1	5.0	542	111	60162
	2	5.0	134	91	12194
	3	5.0	55	85	3905
	4	5.0	18	65	1170
	5	5.0	152	101	15352
	6	5.0	11	51	561
	7	5.0	2	248	496
	8	5.0	2	141	282
	9	5.0	2	86	172
	10	5.0	27	81	2197
CA50	11	5.0	2	171	342
	12	6.3	16	74	1184
	13	6.3	6	486	2916
	14	6.3	4	507	2028
	15	6.3	64	112	9408
	16	6.3	6	659	3954
	17	8.0	4	1195	4780
	18	8.0	4	581	2324
	19	8.0	2	140	280
	20	8.0	2	179	358
	21	8.0	4	113	452
	22	8.0	4	152	608
	23	8.0	3	231	693
	24	8.0	3	291	873
	25	8.0	2	591	1182
	26	8.0	2	235	470
	27	8.0	2	265	530
	28	8.0	4	61	244
	29	8.0	4	75	300
	30	8.0	4	1072	4288
	31	8.0	3	166	498
	32	8.0	3	226	678
	33	8.0	4	497	1988
	34	8.0	2	88	198
	35	8.0	3	86	258
	36	8.0	4	164	656
	37	8.0	1	272	272
	38	8.0	1	292	292
	39	8.0	2	352	704
	40	8.0	1	165	165
	41	8.0	2	339	678
	42	8.0	2	122	242
	43	8.0	2	162	324
	44	8.0	2	154	308
	45	8.0	2	63	126
	46	8.0	2	438	876
	47	8.0	2	114	228
	48	10.0	1	228	228
	49	10.0	1	204	204
	50	10.0	1	241	241
	51	10.0	1	196	196
	52	10.0	1	164	164
	53	10.0	1	573	573
	54	10.0	2	1198	2396
	55	10.0	2	623	1246
	56	10.0	4	301	1204
	57	10.0	2	318	636
	58	10.0	2	343	686
	59	10.0	2	192	384
	60	10.0	2	235	470
	61	10.0	1	103	103
	62	10.0	2	205	410
	63	10.0	2	232	464
	64	10.0	1	136	136
	65	10.0	2	353	706
	66	10.0	2	498	996
	67	10.0	2	542	1084
	68	10.0	2	85	170
	69	10.0	2	102	204
	70	10.0	2	222	444
	71	12.5	4	495	1980
	72	12.5	2	174	348
	73	12.5	2	227	454
	74	12.5	2	301	602
	75	12.5	2	274	548
	76	12.5	2	313	626
	77	12.5	2	313	626
	78	12.5	2	286	572
	79	12.5	2	547	1094
	80	12.5	2	521	1042
	81	12.5	2	543	1086
	82	12.5	2	529	1058
	83	12.5	2	538	1076
	84	12.5	2	1212	424
	85	12.5	1	265	265
	86	12.5	2	375	750
	87	12.5	2	497	994
	88	12.5	2	222	444
	89	12.5	2	565	1130
	90	12.5	2	607	1214
	91	12.5	2	62	324
	92	12.5	2	592	1184
	93	12.5	4	438	1752
	94	12.5	1	146	146
	95	12.5	1	199	199
	96	12.5	2	460	920
	97	12.5	2	450	900
	98	12.5	1	186	186
	99	12.5	2	484	968

