

RELAÇÃO DO AÇO

ELEMENTO	ACO	N	DIAM (mm)	QUANT	C/UNIT (cm)	C.TOTAL (cm)
V69	CA60	1	5,0	95	139	13205
	CA60	2	5,0	2	137	662
	CA60	3	5,0	8	137	662
	CA50	4	6,3	8	1196	9568
	CA50	5	6,3	8	517	4135
	CA50	7	6,3	2	595	1190
	CA50	8	8,0	2	320	1640
	CA50	10	8,0	2	319	1638
	CA50	18	10,0	2	567	1134
	CA50	12	10,0	2	275	1100
V70	CA60	11	6,3	8	97	552
	CA50	15	6,3	3	148	148
	CA60	18	5,0	74	129	9546
	CA60	20	5,0	6	154	506
	CA60	20	5,0	6	647	3882
	CA50	22	6,3	2	67	134
	CA50	25	8,0	1	270	734
	CA50	25	8,0	2	649	1298
	CA50	28	8,0	1	246	246
	CA50	28	8,0	2	1038	2076
V71	CA50	29	8,0	1	180	180
	CA50	32	10,0	2	178	355
	CA50	32	10,0	2	886	1729
	CA50	32	10,0	2	722	1464
	CA50	37	8,0	2	167	332
	CA50	38	6,3	2	156	312
	CA50	39	8,0	2	150	300
	CA50	42	6,3	10	1196	11960
	CA50	44	8,0	2	513	5130
	CA50	45	8,0	2	478	356
V72	CA50	46	8,0	2	733	1466
	CA50	48	10,0	1	764	1568
	CA50	49	10,0	1	290	290
	CA60	52	5,0	35	89	3115
	CA50	53	6,3	2	214	428
	CA50	53	6,3	2	262	524
	CA50	58	8,0	2	218	436
	CA50	59	8,0	2	190	190
	CA50	60	8,0	2	177	342
	CA50	62	8,0	2	215	430
V73	CA50	63	8,0	2	215	430
	CA50	65	8,0	2	215	430
	CA50	65	5,0	2	199	398
	CA50	68	8,0	2	377	742
	CA50	69	8,0	2	415	820
	CA50	70	5,0	83	129	10707
	CA50	72	10,0	2	295	590
	CA50	73	10,0	2	297	594
	CA50	75	12,5	3	330	990
	CA50	76	12,5	2	965	1930
RESUMO DO AÇO						
AÇO	DIAM (mm)	C.TOTAL (m)	UNIT	PESO +10%		
	(kg)					
CA50	6,3	522	49	12 m	140,5	
	10,0	155,3	15	12 m	106	
	12,5	29,2	3	12 m	30,9	
CA60	16,0	601,1	1	12 m	1013	
	18,0	601,1	1	12 m	1013	
VOLUME DO CONCRETO						
CONCRETO	VOLUME (m³)	QUANT +10%	UNIT	PESO +10%		
	(kg)					
CA50	6,3	522	49	12 m	140,5	
	10,0	155,3	15	12 m	106	
CA60	16,0	601,1	1	12 m	1013	
	18,0	601,1	1	12 m	1013	

Planta de locação Geral

DETALHE DOS ESPAÇADORES:

