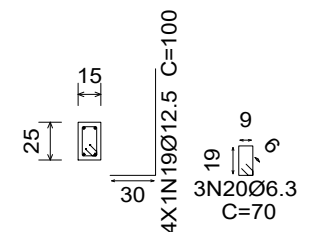
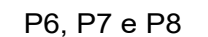


P1, P3, P9, P10 e P11	P1, P3, P9, P10 e P11	P1, P3, P9, P10 e P11
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Elemento	Pos.	Diam.	Q.	Dob. (cm)	Reta (cm)	Dob. (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
P1=P3=P9=P10=P11	1	Ø10	3	11	66	11	88	264	1.6	
	2	Ø10	3	11	66	11	88	264	1.6	
	3	Ø12.5	4	30	117		147	588	5.7	
	4	Ø6.3	3		70		70	210	0.5	
	Total+10%: (x5):								10.3 51.5	
P2	5	Ø10	3	11	66	11	88	264	1.6	
	6	Ø10	3	11	66	11	88	264	1.6	
	7	Ø12.5	4	30	117		147	588	5.7	
	8	Ø6.3	3		70		70	210	0.5	
	Total+10%:								10.3	
P4	9	Ø10	3	11	76	11	98	294	1.8	
	10	Ø10	3	11	76	11	98	294	1.8	
	11	Ø12.5	4	30	117		147	588	5.7	
	12	Ø6.3	3		70		70	210	0.5	
	Total+10%:								10.8	
P5	13	Ø10	4	11	86	11	108	432	2.7	
	14	Ø10	4	11	86	11	108	432	2.7	
	15	Ø12.5	4	30	117		147	588	5.7	
	16	Ø6.3	3		70		70	210	0.5	
	Total+10%:								12.8	
P6=P7=P8	17	Ø10	3	11	66	11	88	264	1.6	
	18	Ø10	3	11	66	11	88	264	1.6	
	19	Ø12.5	4	30	70		100	400	3.9	
	20	Ø6.3	3		70		70	210	0.5	
	Total+10%: (x3):								8.4 25.2	
								Ø6.3:	6.0	0.0
								Ø10:	41.4	0.0
								Ø12.5:	63.2	0.0
								Total:	110.6	0.0

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