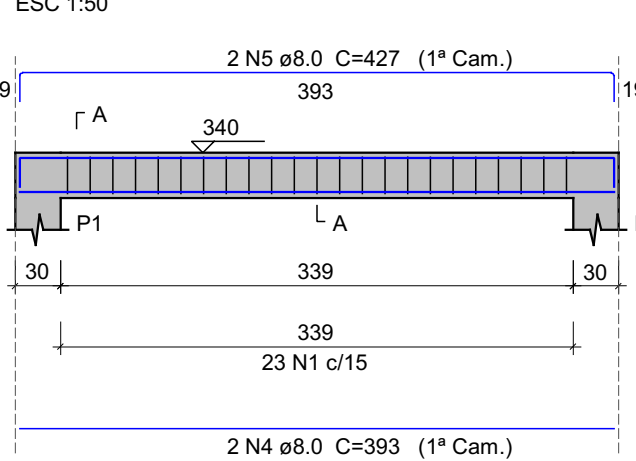
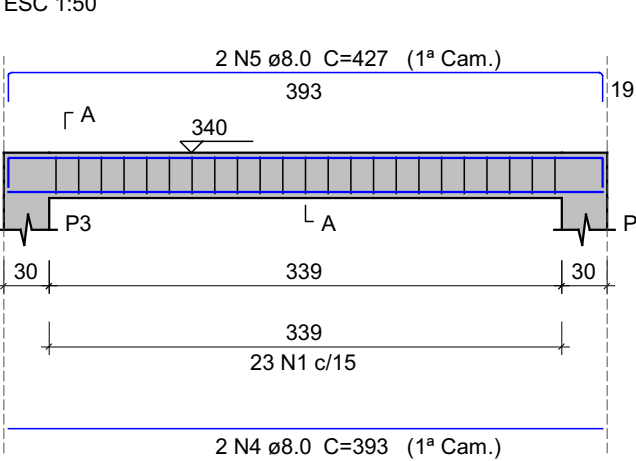


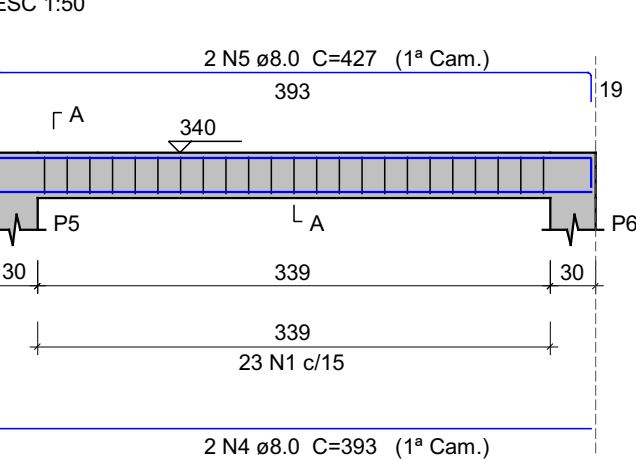
V1 (14 x 30)



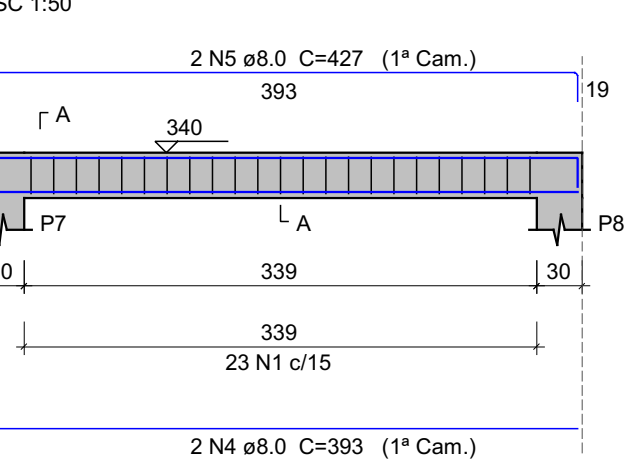
V2 (14 x 30)



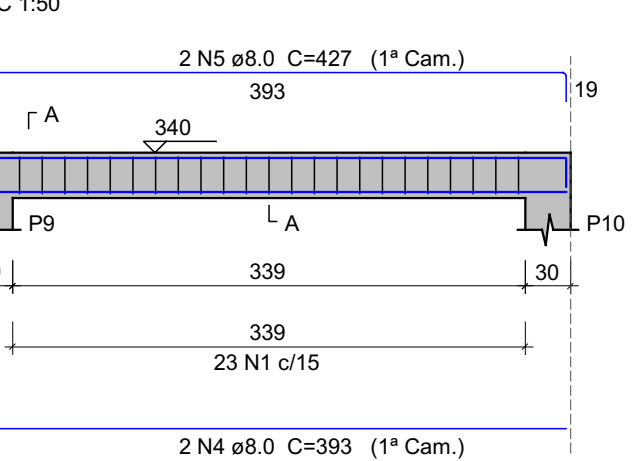
V3 (14 x 30)



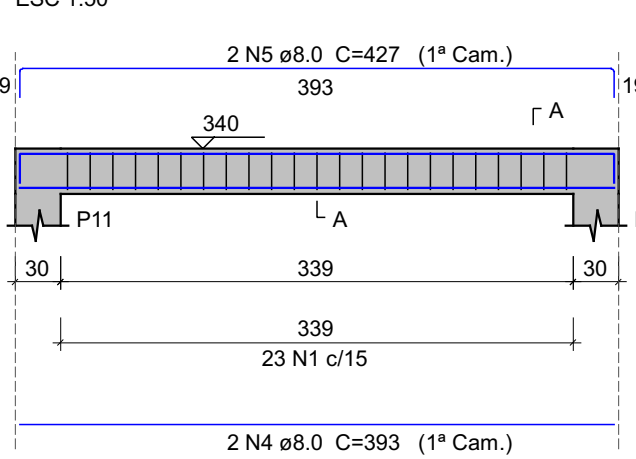
V4 (14 x 30)



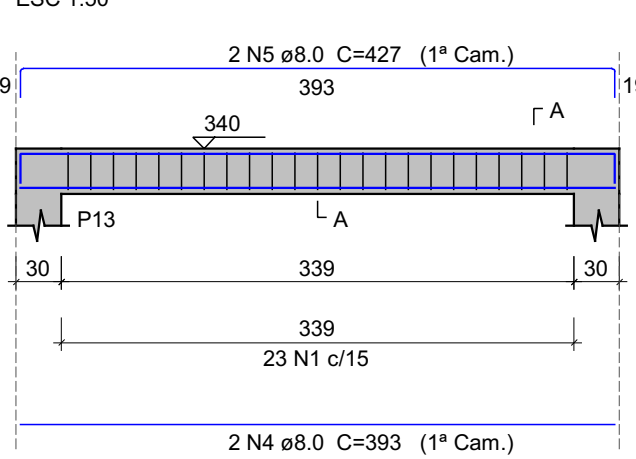
V5 (14 x 30)



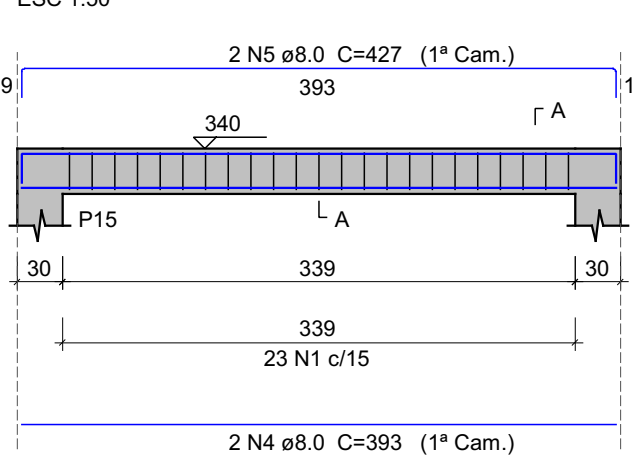
V6 (14 x 30)



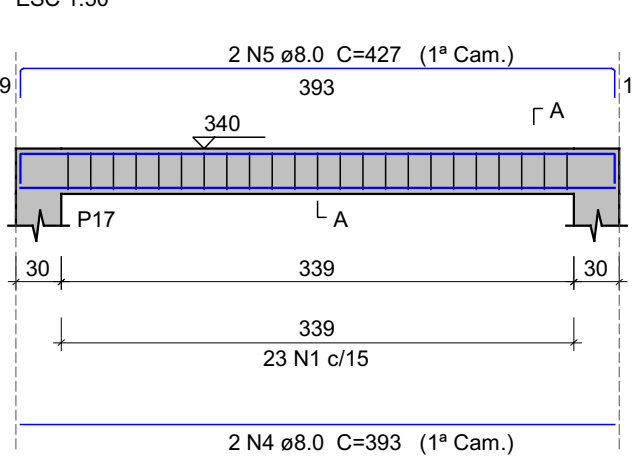
V7 (14 x 30)



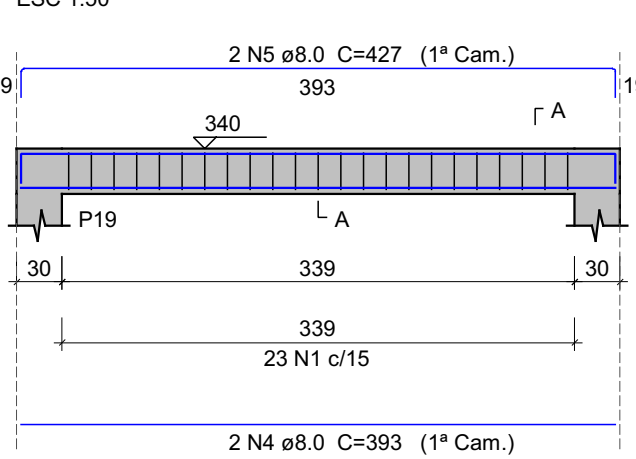
V8 (14 x 30)



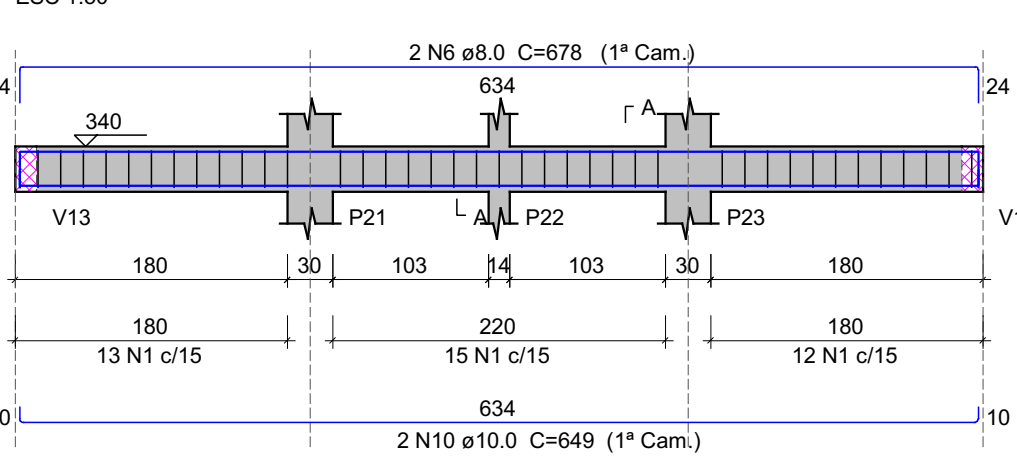
V9 (14 x 30)



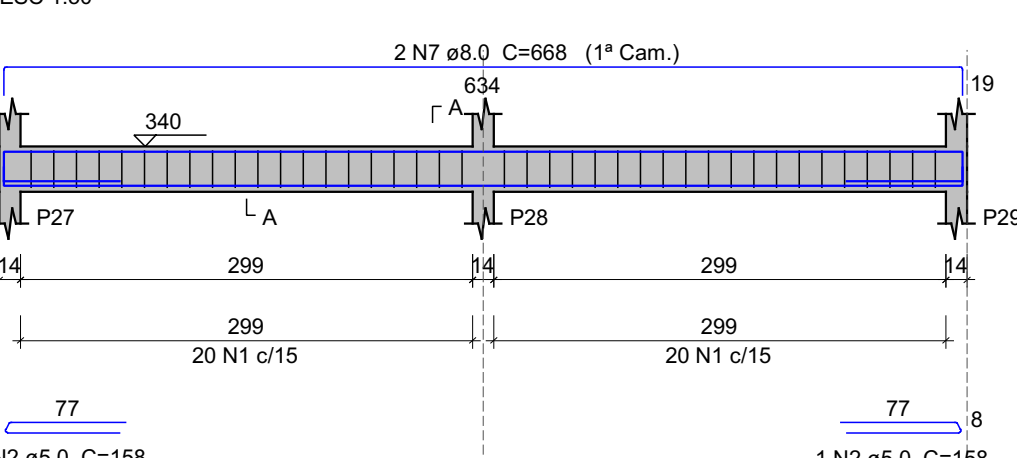
V10 (14 x 30)



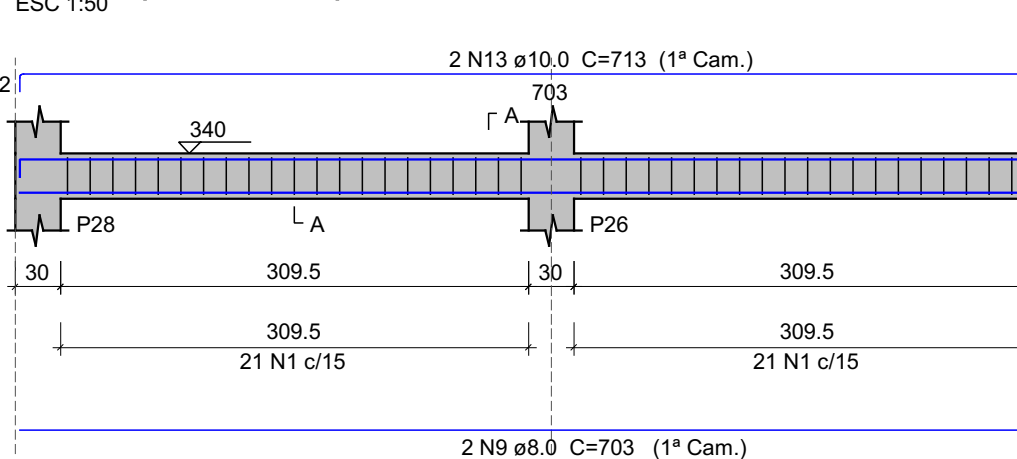
V11 (14 x 30)



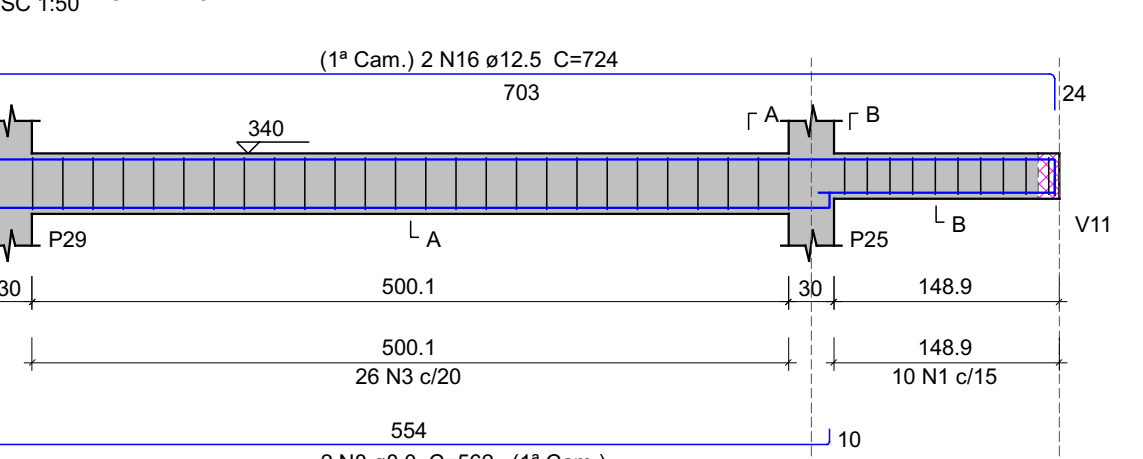
V12 (14 x 30)



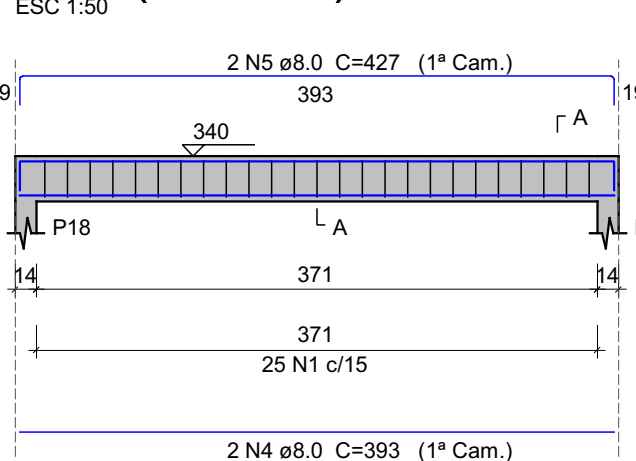
V14 (14 x 30)



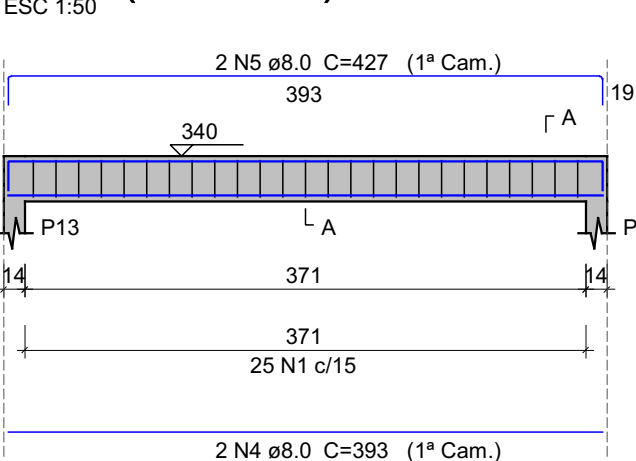
V15 (var)



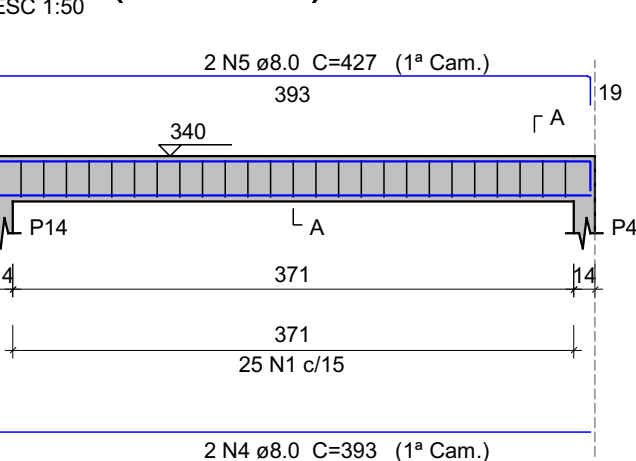
V19 (14 x 30)



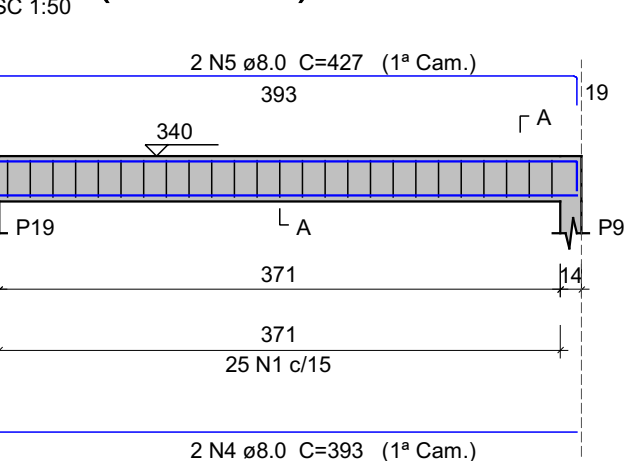
V20 (14 x 30)



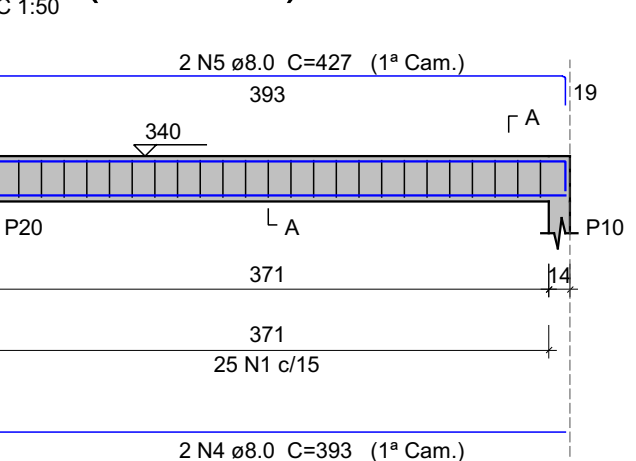
V21 (14 x 30)



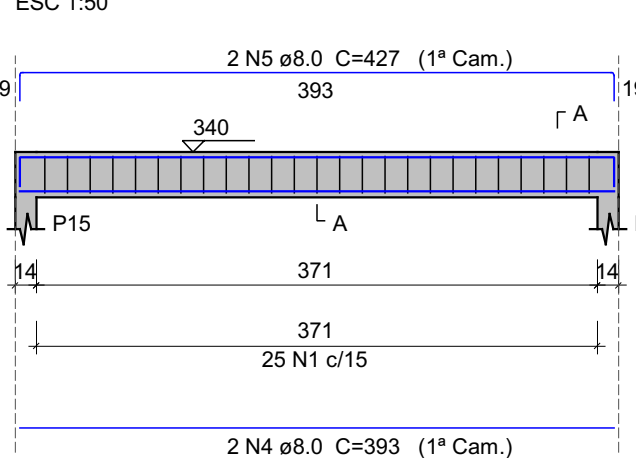
V22 (14 x 30)



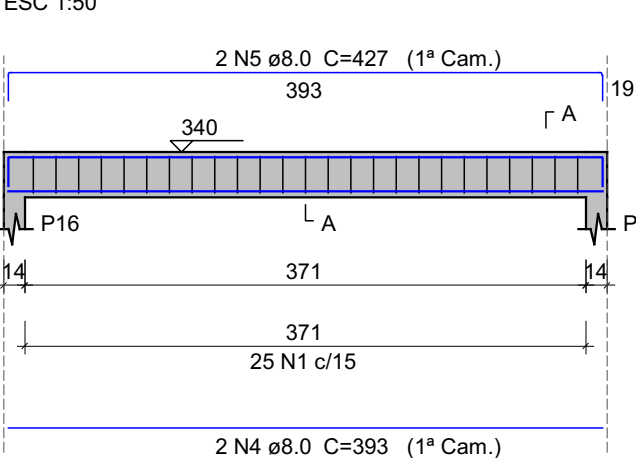
V23 (14 x 30)



V24 (14 x 30)



V25 (14 x 30)



Relação do aço

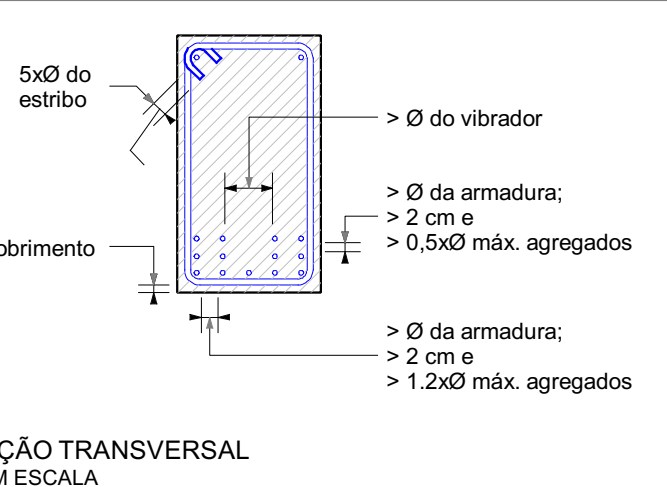
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	1376	75	103200
	2	5.0	2	158	316
	3	5.0	51	95	4845
CA50	4	8.0	40	393	15720
	5	8.0	40	427	17080
	6	8.0	2	678	1356
	7	8.0	2	668	1336
	8	8.0	4	562	2248
	9	8.0	2	703	1406
	10	10.0	2	649	1298
	11	10.0	2	653	1306
	12	10.0	4	164	656
	13	10.0	2	713	1426
	14	10.0	80	307	24560
	15	10.0	36	348	12528
	16	12.5	4	724	2896

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10 % (Barras)	UNIT
CA50	8.0	391.5	36	12 m
	10.0	417.8	39	12 m
	12.5	29	3	12 m
CA60	5.0	1083.7	100	12 m
PESO TOTAL (kg)				
CA50		483.9		
CA60		163.7		

Volume de concreto (C-25) = 8.2 m³
Área de forma = 152.08 m²

DISPOSIÇÃO DE ARMADURA EM VIGAS



DIÂMETRO MÍNIMO (di) DOS PINOS DE DOBRAMENTO

Diâmetro mínimo (di) dos pinos de dobramento	Bitola (Ø)	Longitudinais	Estribos
<10mm	5xØ	6xØ	3xØ
<20mm	5xØ	6xØ	5xØ
>20mm	8xØ	—	8xØ

NBR-6118:2014 (Item 9.4)