

Technical drawing of a ship's hull cross-section (Corte A) showing structural details, dimensions, and material specifications. The drawing includes a plan view at the top and a side view below. Key components include the hull plating, stiffeners, and internal structural members. Dimensions are given in millimeters (mm) and centimeters (cm). Material specifications are provided for various parts, such as N8 (385) and N6 (520). The drawing is labeled "Corte A" and includes a scale of 1:50.

Technical drawing of a bridge deck cross-section and longitudinal section. The top part shows a cross-section with dimensions for the deck width (15.50m), height (1.50m), and reinforcement details. The middle part shows a longitudinal section with dimensions for the deck width (15.50m), height (1.50m), and reinforcement details. The bottom part shows a longitudinal section with dimensions for the deck width (15.50m), height (1.50m), and reinforcement details. The drawing includes various reinforcement details and dimensions for the bridge deck.

**RESUMO AÇO CA 50-60**

AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	4.2	522	57
60B	5	5	1
50A	6.3	285	70
50A	10	359	222
50A	12.5	25	24
Peso Total	60B =		58 kg
Peso Total	50A =		315 kg

V404						
50A	1	10	2	255	510	
50A	2	12.5		500	1000	
50A	3	12.5	1	215	215	
50A	4	10	2	1080	2180	
50A	5	10	2	500	1000	
50A	6	10	2	265	530	
50A	7	10	2	395	790	
50A	8	10	2	290	290	
50A	9	10	2	785	1570	
50A	10	10	1	210	210	
50A	11	10	1	205	205	
50A	12	10	2	415	830	
50A	13	10	1	305	305	
50A	14	6.3	2	80	160	
50B	15	4.2	8	1215	2430	
50A	16	6.3	6	392	352	
50A	17	6.3	6	404	2424	
50A	18	6.3	6	409	2454	
50A	19	6.3	6	410	2460	

V432						
50A	1	10	2	210	420	
50A	2	12.5	2	510	1020	
50A	3	12.5	1	220	220	
50A	4	10	2	360	720	
50A	5	10	2	200	400	
50A	6	10	2	305	610	
50A	7	10	2	575	1150	
50A	8	10	1	315	315	
50A	9	6.3	1	80	80	
50R	10	1	44	121	5324	

V441	50A	1	10	4	695	2780
	60B	2	5	2	240	480
	50A	3	10	2	280	560
	50A	4	10	4	440	1760
	50A	5	10	2	230	460
	50A	6	10	2	550	1100
	50A	7	10	1	255	255
	60B	8	4.2	74	141	10434
	50A	9	6.3	12	423	5076
	50A	10	6	6	550	550

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PROJETO  
ESTRUTURAL