

[illegible]

Technical drawing of a bridge deck cross-section (Corte A) showing reinforcement details. The drawing includes a top view of the deck with reinforcement bars (N1, N2, N3, N4, N5, N6, N7, N8, N9, N10, N11, N12, N13, N14, N15, N16, N17, N18, N19, N20, N21) and their respective diameters and spacings. It also shows the placement of stirrups (C) and the location of various components like the deck slab, beams, and supports. Dimensions for lengths and spacings are provided throughout the drawing.

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Technical drawing of a bridge deck cross-section showing reinforcement details for Cortes A and B. The drawing includes dimensions, reinforcement bar specifications (e.g., 2 N1 # 6.3 C345, 2 N2 # 10 C#835), and section markers P67 through P74. It also shows the profile of the bridge deck and the location of the reinforcement bars.

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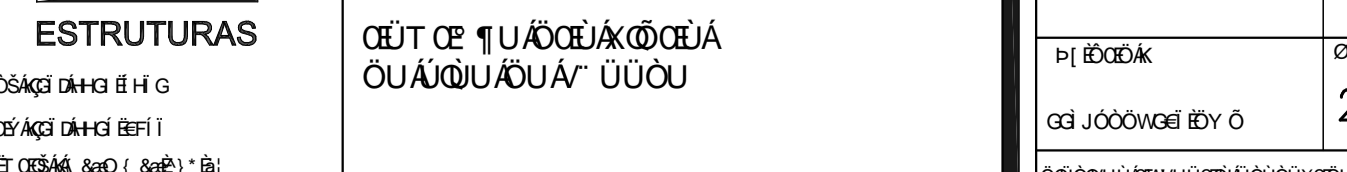
Technical drawing of a 43x16x2.5mm extruded aluminum profile. The drawing includes a side view showing the profile's dimensions: total length 447mm, flange width 43mm, web thickness 2.5mm, and flange thickness 16mm. It also shows a cross-section view with dimensions 43mm x 16mm x 2.5mm. The drawing is labeled "Corte A-A" and "43x16x2.5".

	ACO	POS	BIT	QUANT	COMPLEMENT	UNIT	TOTAL		ACO	POS	BIT	QUANT	COMPLEMENT	UNIT	TOTAL		
			(mm)		(cm)						(mm)		(cm)				
V17	SOA	1	10	2	410	1840		V21	SOA	1	8	2	430	880			
	SOA	2	16	2	770	1540			SOA	2	20	2	800	1200			
	SOA	5	16	5	425	850			SOA	5	12	5	455	910			
	SOA	4	16	2	275	550			SOA	4	20	2	775	1550			
	SOA	10	10	7	675	2350			SOA	10	12	10	425	850			
	SOA	6	20	3	440	1320			SOA	6	16	2	385	770			
	SOA	8	25	3	800	2400			SOA	8	16	2	780	1560			
	SOA	10	10	7	675	2350			SOA	10	12	5	500	1000			
	SOA	10	12.5	5	475	950			SOA	10	12.5	2	330	1060			
	SOA	12	12.5	3	485	1455			SOA	12	12.5	8	80	160			
	SOA	12	16	3	970	2910			SOA	12	8	2	90	180			
	SOA	16	16	7	485	1455			SOA	14	6.5	21	120	2520			
	SOA	14	16	3	1035	3105											
	SOA	15	16	8	1360	4080											
	SOA	16	20	4	1020	4080											
	SOA	18	20	7	685	1370											
	SOA	18	8	2	110	220											
	SOA	18	10	130	23146												
	SOA	20	6.3	211	1860	3360											
SOA	21	10	142	142	2840												
SOA	22	10	4	486	1944												
SOA	23	10	4	486	1944												
SOA	24	10	4	531	3724												
V19	SOA	1	10	2	425	850		V23	SOA	1	6.5	1	310	620			
	SOA	2	16	2	770	1540			SOA	1	11	10	3	910	2730		
	SOA	5	16	5	425	850			SOA	1	11	5	310	1550			
	SOA	3	20	2	350	700			SOA	13	10	4	250	1000			
	SOA	5	25	625	2475	625			SOA	13	12.5	5	260	1300			
	SOA	5	25	2	390	780			SOA	15	10	3	450	1350			
	SOA	10	10	7	675	2350			SOA	10	20	2	800	1600			
	SOA	7	25	3	720	2160			SOA	17	10	2	245	490			
	SOA	9	12.5	2	475	950			SOA	17	10	2	360	720			
	SOA	10	12.5	3	530	1590			SOA	19							
	SOA	11	16	3	970	2910			SOA	22	2	3.5	860	90	180		
	SOA	11	16	3	975	2925			SOA	21	8	6.3	141	8863			
	SOA	12	16	630	1604	3208			SOA	22	8	6.3	141	8863			
	SOA	13	16	2	490	980			SOA	25	8	20	408	9360			
	SOA	15	20	1060	2650	5300			SOA	25	8	20	408	9360			
	SOA	15	20	1	680	1360											
	SOA	16	20	2	1020	4080											
	SOA	17	20	1	680	1360											
	SOA	8	10	1	110	220											
SOA	19	10	1	130	260												
SOA	16	6.3	211	1860	3360												
SOA	20	10	166	163	32798												
SOA	22	10	166	163	32798												
SOA	23	10	8	920	7360												
SOA	24	10	8	920	7360												
V22	SOA	1	6.5	1	310	620		V24	SOA	1	8	2	255	510			
	SOA	1	11	10	3	910	2730			SOA	1	10	10	460	920		
	SOA	1	11	5	310	1550			SOA	3	10	5	260	520			
	SOA	13	10	4	250	1000			SOA	5	10	5	260	520			
	SOA	13	12.5	5	260	1300			SOA	5	12.5	5	260	520			
	SOA	15	10	3	450	1350			SOA	5	8	2	320	640			
	SOA	10	20	2	800	1600			SOA	6	12.5	5	320	640			
	SOA	17	10	2	245	490			SOA	8	12.5	3	505	1010			
	SOA	17	10	2	360	720			SOA	8	10	5	465	930			
	SOA	19							SOA	9	10	2	380	760			
	SOA	22	8	6.3	141	8863			SOA	10	10	2	460	920			
	SOA	25	8	20	408	9360			SOA	10	12	10	275	550			
	SOA	25	8	20	408	9360			SOA	12	10	2	365	730			
	SOA	25	8	20	408	9360			SOA	14	6.5	150	120	18600			
	SOA	25	8	20	408	9360											
	SOA	10	12	10	275	550											
	SOA	14	6.5	150	120	18600											
	V24	SOA	1	8	2	255	510			VE1	SOA	1	12.5	5	260	980	
		SOA	3	10	5	260	520				SOA	1	12.5	5	260	980	
SOA		5	10	5	260	520		SOA	3		8	1	490	980			
SOA		5	8	2	320	640		SOA	5		8	1	490	980			
SOA		6	12.5	5	320	640		SOA	5		14	606.5	45				
SOA		8	12.5	3	505	1010											
SOA		8	10	5	465	930											
SOA		9	10	2	380	760											
SOA		10	10	2	460	920											
SOA		10	12	10	275	550											
SOA		14	6.5	150	120	18600											
SOA		1	8	2	255	510											
SOA		3	10	5	260	520											
SOA		5	10	5	260	520											
SOA		5	8	2	320	640											
SOA		6	12.5	5	320	640											
SOA		8	12.5	3	505	1010											
SOA		8	10	5	465	930											
SOA		9	10	2	380	760											
SOA	10	10	2	460	920												
SOA	10	12	10	275	550												
SOA	14	6.5	150	120	18600												

RESUMO AÇO CA 50-60			
ACO	BIT (mm)	COMPR (m)	PESO (kg)
50A	6,3	500	122
50A	8	396	157
50A	10	1106	683
50A	12,5	152	146
50A	16	267	422
50A	20	240	397
50A	25	108	414
Peso Total		50A =	2536 kg

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UPOVAU	COUO-PAU	XOU-PAU	OUU-XAU	OUVE	OUVAISE
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197BOXC;=5'89'9GIF1W F5G @H85'DW A75E 19F1J=-125=1 F5S'D@H 5G 4S) #85% % . 8% . %