

Technical drawing of a shaft assembly. The drawing shows a shaft with a central hole and a keyway. The dimensions and tolerances are as follows:

- Top dimension: 138
- Top hole: $\varnothing$ N2 $\pm$ 0.10 C=163
- Top hole offset: 105
- Top hole diameter: $\varnothing$ N1 $\pm$ 0.5 C=160
- Top hole offset: 37
- Top hole diameter: $\varnothing$ N3 $\pm$ 0.10 C=162
- Keyway: $\frac{1}{2}$
- Bottom hole: $\varnothing$ P101
- Bottom hole offset: 21
- Bottom hole diameter: $\varnothing$ P2 $\pm$ 0.22 / No C3357
- Bottom hole offset: 562
- Bottom hole diameter: $\varnothing$ N4 $\pm$ 0.10 C=602

Figure 1: Schematic diagram of the experimental setup for the study of the effect of the magnetic field on the electron transport in the GaAs/AlGaAs heterostructure. The diagram shows a cross-section of the heterostructure with a GaAs layer on top of an AlGaAs layer. A magnetic field B is applied perpendicular to the plane of the layers. The GaAs layer has a thickness of 100 nm and a carrier concentration of 10^{13} cm^{-3} . The AlGaAs layer has a thickness of 100 nm and a carrier concentration of 10^{16} cm^{-3} . The interface between the two layers is at $z=0$. The coordinate system (x, y, z) is shown with the z -axis pointing downwards. The magnetic field B is indicated by a vertical arrow pointing upwards. The diagram also shows the positions of the contacts and the direction of the current flow.

[illegible]

Figure 10 is a plan view of the bridge deck. It shows the layout of the bridge deck, including the main span and approach spans. The diagram includes dimensions, lane markings, and structural details. Key features include:

- Main Span:** A central section with a width of 14/60 and 20/60. It features a central lane with a width of 12.0 and side lanes with a width of 3.0. The main span is supported by two piers, P109 and P110.
- Approach Spans:** Two approach spans on either side of the main span. The left approach span has a width of 14/60 and the right approach span has a width of 20/60. Both approach spans are supported by two piers, P109 and P110.
- Dimensions:** The main span has a total width of 14.0 + 6.0 = 20.0. The approach spans have a total width of 14.0 + 6.0 = 20.0. The main span has a central lane width of 12.0 and side lanes of 3.0. The approach spans have a central lane width of 12.0 and side lanes of 3.0.
- Structural Details:** The diagram shows the layout of the bridge deck, including the main span and approach spans. It includes dimensions, lane markings, and structural details. Key features include:
 - Piers:** P109 and P110 are the main piers supporting the bridge deck.
 - Abutments:** The bridge is supported by two abutments, one on each side of the main span.
 - Dimensions:** The main span has a total width of 14.0 + 6.0 = 20.0. The approach spans have a total width of 14.0 + 6.0 = 20.0. The main span has a central lane width of 12.0 and side lanes of 3.0. The approach spans have a central lane width of 12.0 and side lanes of 3.0.

Technical drawing of a bent plate. The drawing shows a rectangular plate with a width of 55 and a height of 15. The plate is bent at a 90-degree angle, forming an L-shape. The dimensions are indicated by arrows and numbers.

	ACC	PDS	BIT	QUANT	COMPRIMENT			ACC	PDS	BIT	QUANT	COMPRIMENT	
			(n)		UNIT	TOTAL				(n)		UNIT	TOTAL
	(X6)				(cm)			(X6)				(cm)	
VA60	(X6)						VA609	(X6)					
609	1	5	12	325	3840		50A	1	10	12	279	2348	
50A	1	163	12	163	1980		50A	2	10	12	110	1338	
50A	3	10	12	162	1944		50A	3	10	12	278	3336	
50A	5	10	12	692	7224		50A	4	10	12	206	2472	
50A	6	5	162	7	7862		50A	5	6	3	49	780	
50A	6	5	162	38	22356		50A	6	6	3	120	18000	
VA60B	(X6)						50A	6	6	3	120	18000	
609	1	5	12	325	3840		VA610	(X6)					
50A	1	163	12	163	1980		609	1	10	12	15	150	1920
50A	3	10	12	162	1944		609	2	10	12	110	1338	
50A	5	10	12	692	7224		609	3	10	12	30	145	4530
50A	6	5	162	7	7862		609	4	5	36	118	4048	
VA60C	(X6)						VA611	(X6)					
609	1	116	10	304	9120		50A	1	20	36	967	4048	
50A	1	116	10	304	9120		50A	2	20	36	967	4048	
50A	2	116	10	304	9120		50A	3	20	36	967	4048	
50A	3	116	10	304	9120		50A	4	20	36	967	4048	
50A	4	116	10	304	9120		50A	5	20	36	967	4048	
50A	5	116	10	304	9120		50A	6	20	36	967	4048	
50A	6	116	10	304	9120		50A	7	20	36	967	4048	
50A	7	116	10	304	9120		50A	8	20	36	967	4048	
50A	8	116	10	304	9120		50A	9	20	36	967	4048	
50A	9	116	10	304	9120		50A	10	20	36	967	4048	
50A	10	116	10	304	9120		50A	11	20	36	967	4048	
50A	11	116	10	304	9120		50A	12	20	36	967	4048	
50A	12	116	10	304	9120		50A	13	20	36	967	4048	
50A	13	116	10	304	9120		50A	14	20	36	967	4048	
50A	14	116	10	304	9120		50A	15	20	36	967	4048	
50A	15	116	10	304	9120		50A	16	20	36	967	4048	
50A	16	116	10	304	9120		50A	17	20	36	967	4048	
50A	17	116	10	304	9120		50A	18	20	36	967	4048	
50A	18	116	10	304	9120		50A	19	20	36	967	4048	
50A	19	116	10	304	9120		50A	20	20	36	967	4048	
50A	20	116	10	304	9120		50A	21	20	36	967	4048	
50A	21	116	10	304	9120		50A	22	20	36	967	4048	
50A	22	116	10	304	9120		50A	23	20	36	967	4048	
50A	23	116	10	304	9120		50A	24	20	36	967	4048	
50A	24	116	10	304	9120		50A	25	20	36	967	4048	
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50A	28	116	10	304	9120		50A	28	20	36	967	4048	
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50A	101	116	10	304	9120		50A	101	20	36	967	4048	
50A	102	116	10	304	9120		50A	102	20	36	967	4048	
50A	103	116	10	304	9120		50A	103	20	36	967	4048	
50A</													

RESUMEN ACO CA 50-60				
ACO	BIT (mm)	CMPR		PESO (kg)
60B	5	2894		463
50A	6.3	744		1386
50A	8	5761		2304
50A	10	4006		2524
50A	12.5	444		444
50A	16	743		1188
50A	20	1339		2347
50A	25	336		1343
Peso Total		60B =		463 kg
Peso Total		50A =		11236 kg

Technical drawing of a rectangular plate. The plate has a central slot. On the right side, there is a small rectangular feature. The drawing is labeled with '9' and 'C'.

Technical drawing of a mechanical part, showing a side view and a cross-section A-A.

Side View Dimensions:

- Top flange: 223, 2 N1 Ø 25 C=245
- Second flange: 223, 2 N2 Ø 25 C=131
- Third flange: 75, 16 N3 Ø 20 C=159
- Bottom flange: 9, 20.3, 18, 20.4, 2.5
- Central section: P115
- Right side: 16N6 Ø 8 C=171
- Bottom flange: 15, 168, 3 N4 Ø 10 C=194

Cross-section A-A:

- Dimensions: 15, 9, 6.6

Labels:

- Corte A
- Corte A-A
- DUPLOID
- N6 (131)
- Coste (138)
- 2x3 N7 Ø 5 C=188

[illegible]

Technical drawing of a mechanical part, likely a shaft or axle, showing various dimensions and cross-sections.

Dimensions and Features:

- Top view: 248, 2 N1 Ø 10, C=275, 2 N2 Ø 10 C=230, 1 9.6.3, 2x Ø 8, 14 AG22, 20 Ø 6.3 C/20, N6 13833, 30, P118, 2 N6 Ø 6.3 C=150.
- Side view: 61, 2 Ø 6.3 C=130, 248, 2 N3 Ø 10 C=275, 2 N4 Ø 10 C=206.
- Cross-section A: 9, 50.

Technical drawing of a bent reinforcement bar (VA609). The drawing shows a bar bent at a 45-degree angle. The horizontal segment has a length of 40 units, and the vertical segment has a length of 40 units. The bar is labeled with 'VA609' and 'N8'. The angle is labeled '45°'. The bar is shown in a bent position, with the label 'N2, N4' indicating the position of the bar in the bent state. The drawing is labeled 'P118' and '2 NB Ø 8 C=80'.

[illegible]

Technical drawing of a road layout showing a 20/60 intersection and a 14/80 intersection. The drawing includes various lane markings, dimensions, and labels for different types of road users and vehicles.

Top Section (20/60 Intersection):

- Left side: 2 N14 # 18 C=256, 2 N2 # 20 C=393
- Right side: 4 N1 # 25 C=1076, 3 N3 # 18 C=490
- Dimensions: 45, 256, 975, 650, 342
- Angles: 30°
- Labels: (2 8 2aCAM), (2 8 3aCAM)

Bottom Section (14/80 Intersection):

- Left side: 1x2 N15 # 10 C=352, 1 N13 # 10 C=330, 2 N11 # 16 C=403, 2 N5 # 20 C=413
- Right side: 1x2 N128 # 10 C=633, 1x2 N16 # 10/C=513, 2 N108 # 10 C=578
- Dimensions: 324, 14, 280, 578, 96
- Angles: 14°, 9°, 15°
- Labels: (costale), (costale), (2 8 3aCAM), (2 8 3aCAM), (2 8 3aCAM)

Other Labels:

- P121 (DUPLIO), P122
- N6 (253), N7 (455), N8 (45)
- 37 5 8 C=125, 615
- 14/60, 14/80

Technical drawing of a rectangular plate. The plate has a central slot and a small rectangular feature on the left side. The drawing is labeled with '9' and '4 N8 8 8 C'.

[illegible]

8 27 N5 2 5 C

[illegible][illegible]

Technical drawing of a rectangular plate. The drawing shows a top view and a side view. The top view is a rectangle with dimensions 17 N5 Ø 6.3 C. The side view is a rectangle with dimensions 9 and 55. The drawing is labeled with '3' and '17 N5 Ø 6.3 C'.

VA601 a VA618

$$A/C = 0.65$$

2	15/10/2009	ALTERADO DET VAG63 E VAG615
		VAG66 COLDOÇA ARMADURA LATERAL - VAG612 ALTERADA
1	16/09/2009	VAG604 ACRESCENTADA FERR. NEGATIVA.
1	15/09/2009	EMISSÃO INICIAL
REV.	DATA	REVISÃO

Simetria Engenharia

SUA EMPRESA DE PROJETOS
 RUA DO COMÉRCIO, 87 - JARDIM SÃO CARLOS - 013
 CARRUAGEM - FONE: (11) 3272-1020 - 040
 E-MAIL: contato@simetria.eng.br

PROJETO ESTRUTURAL

CL. TENTE:			
CIDRA:	JECUITIBA INCORPORADORA LTDA	Nº CIDRA:	XXXX
ENDEREÇO CIDRA-RUA 36 SUL LOTE 17 - AGUAS CLARIAS/SF			
DESCRIÇÃO:	ARMACAO VIGAS 5o ao 10o PAV (01/02)	SEÇÃO Nº:	065-08
DESENHISTA	DATA	ESCALA	Nº PROJ.: SIMETRIA
ANDRÉ ZENI	15/09/2009	1 : 50	065-08
ABRILHO P.T.			
418-PJT-065-08B-R02-PLT			
PROPRIETÁRIO	RESPONSÁVEL TÉCNICO(S)		
RESPONSÁVEL TÉCNICO PELO PROJETO ESTRUTURAL			

SIMETRIA ENGENHARIA E PROJETOS S/C LTDA

CNPJ: 07.009.070

