

PARAMETRIC MODELING

UGS NX 5

BY: DAVID S. DEWOLF

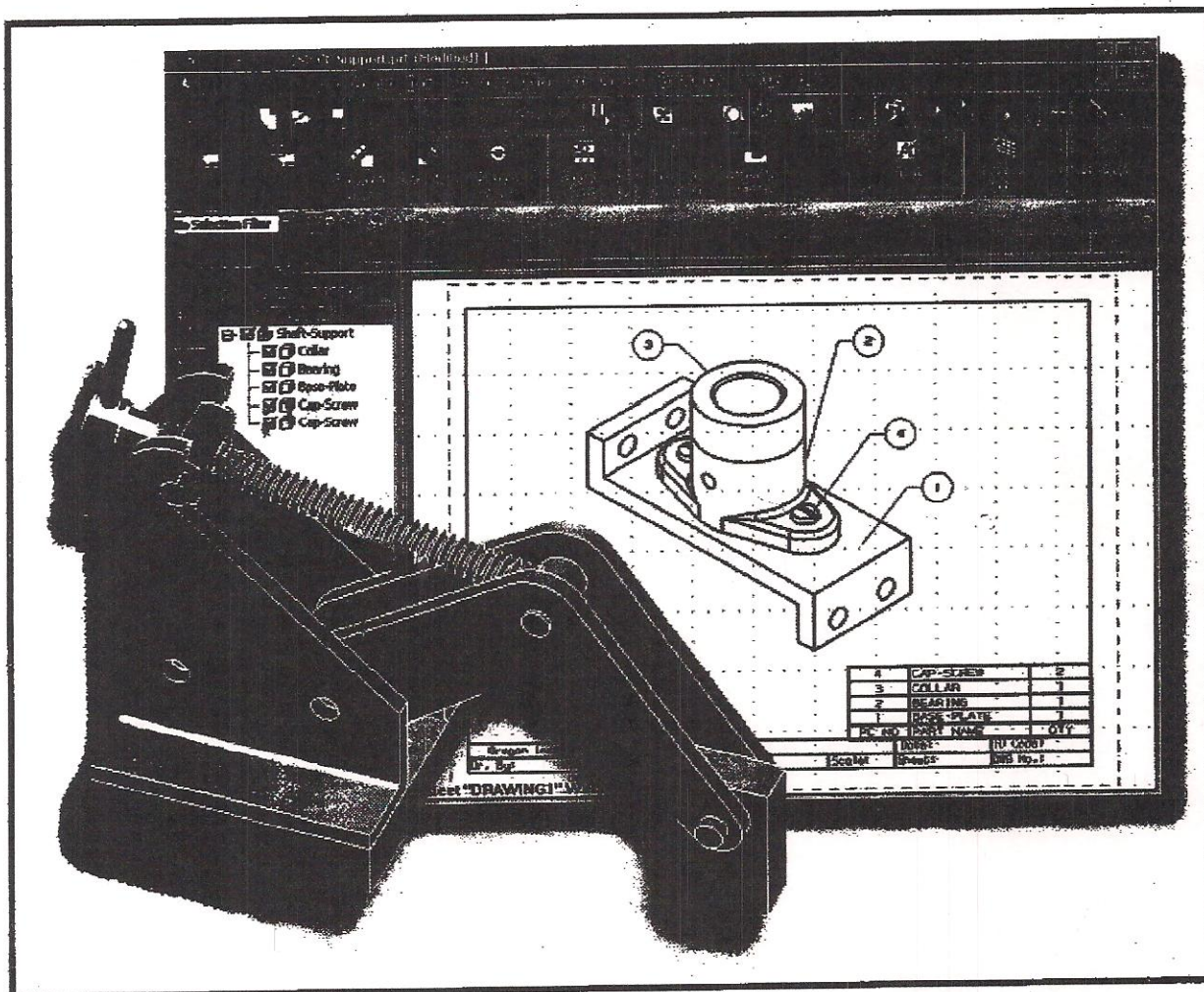
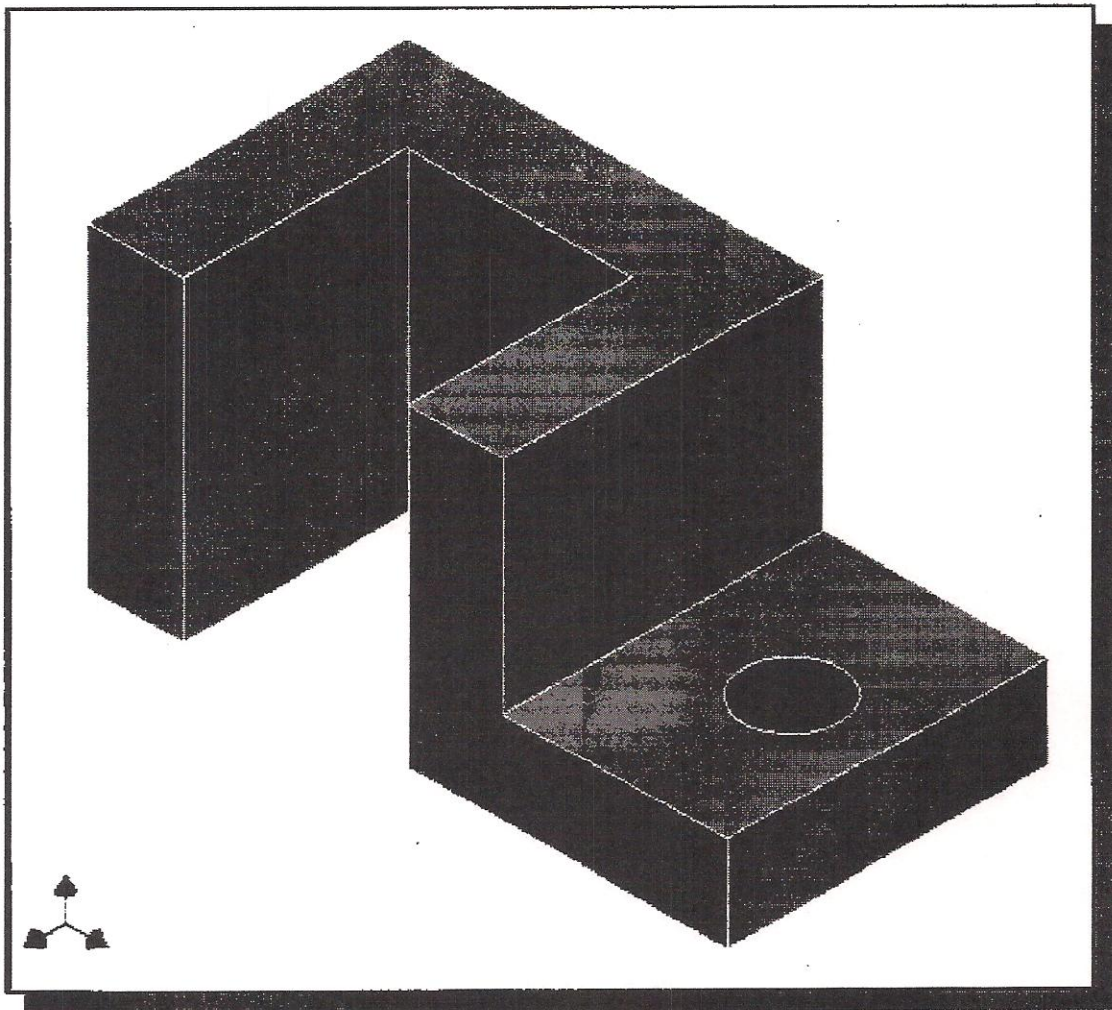


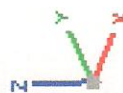
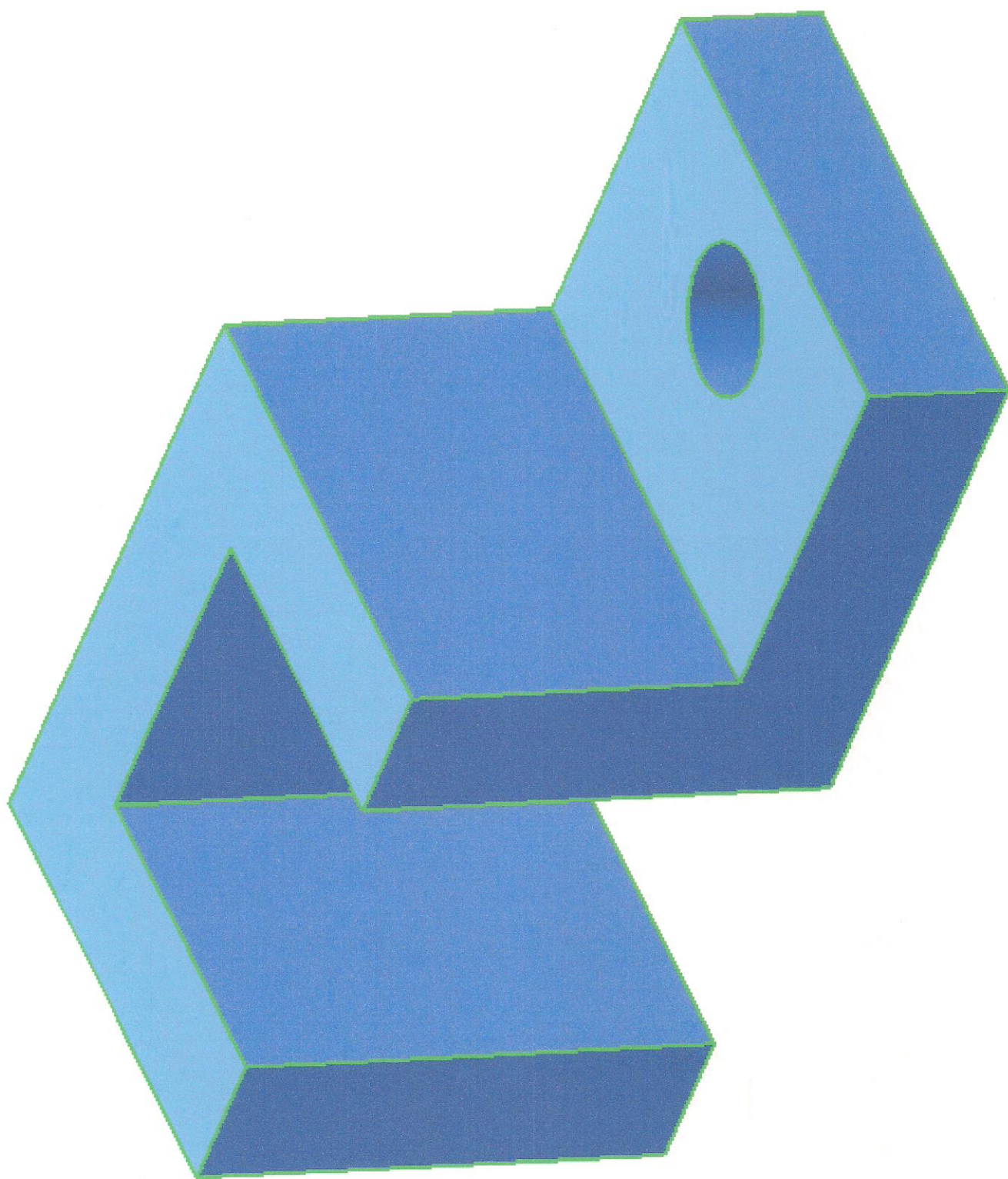
Table of Contents

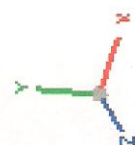
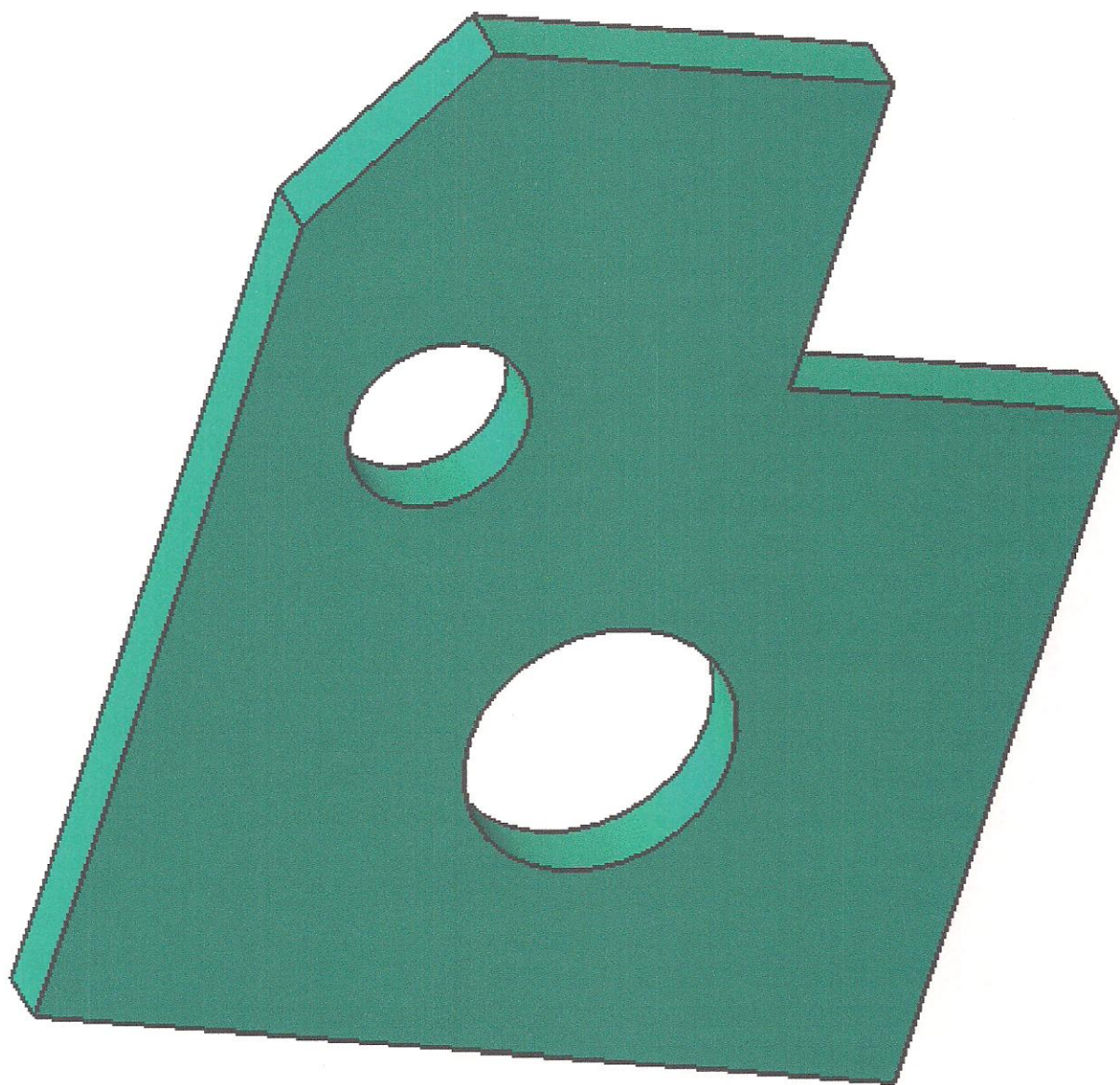
1	Parametric Modeling Fundamentals	1
2	Constructive Solid Geometry Concept	7
3	Model History Tree	11
4	Parametric Constraints Fundamentals	16
5	Geometric Construction Tools	22
6	Parent - Child Relationships	27
7	Part Drawings and Associative Functionality	33
8	Datum Features and Auxiliary Views	40
9	Symmetrical Features in Designs	48
10	Advanced 3D Construction Tools	57
11	Assembly Modeling - Putting it All Together	66

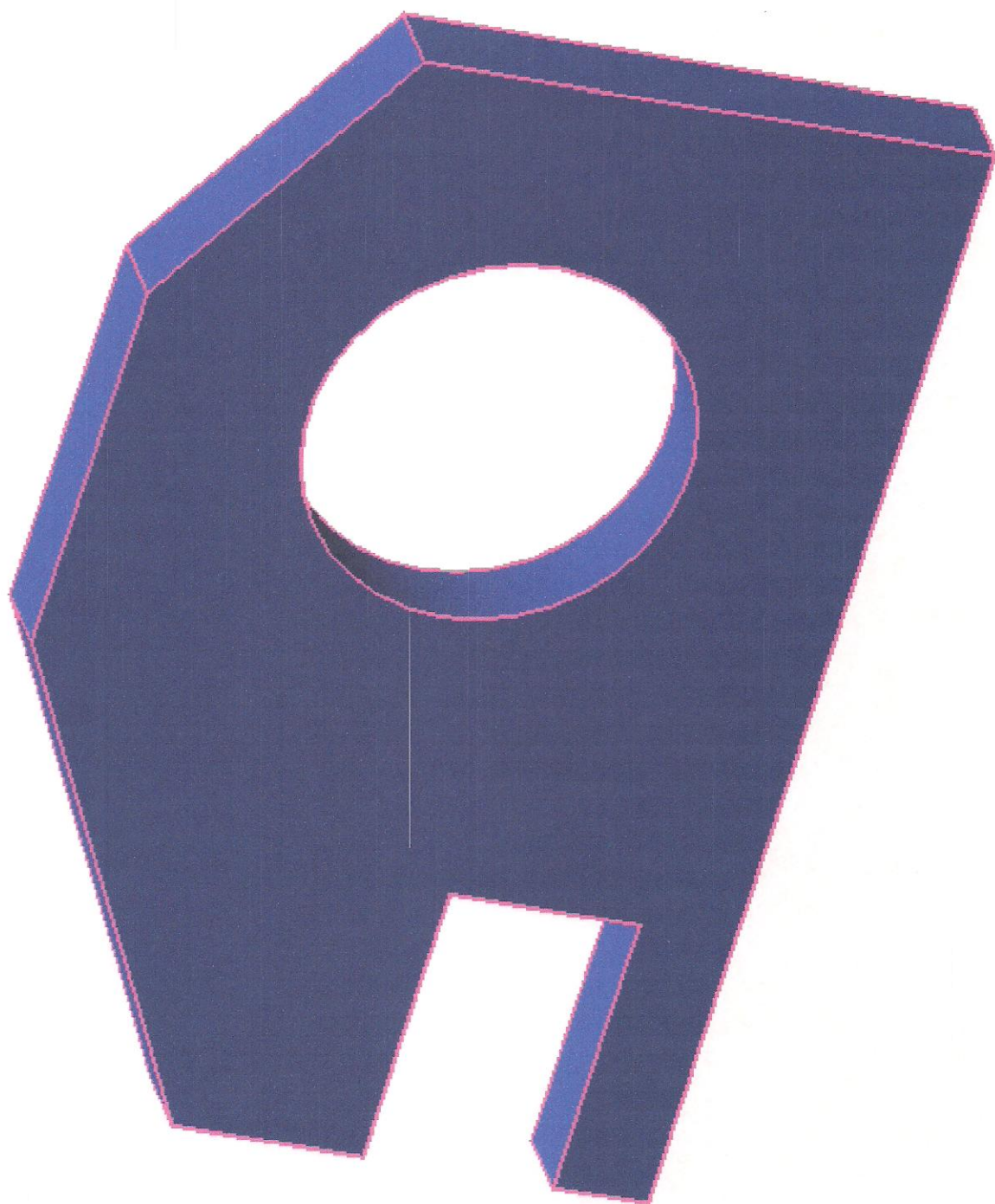
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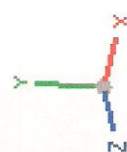
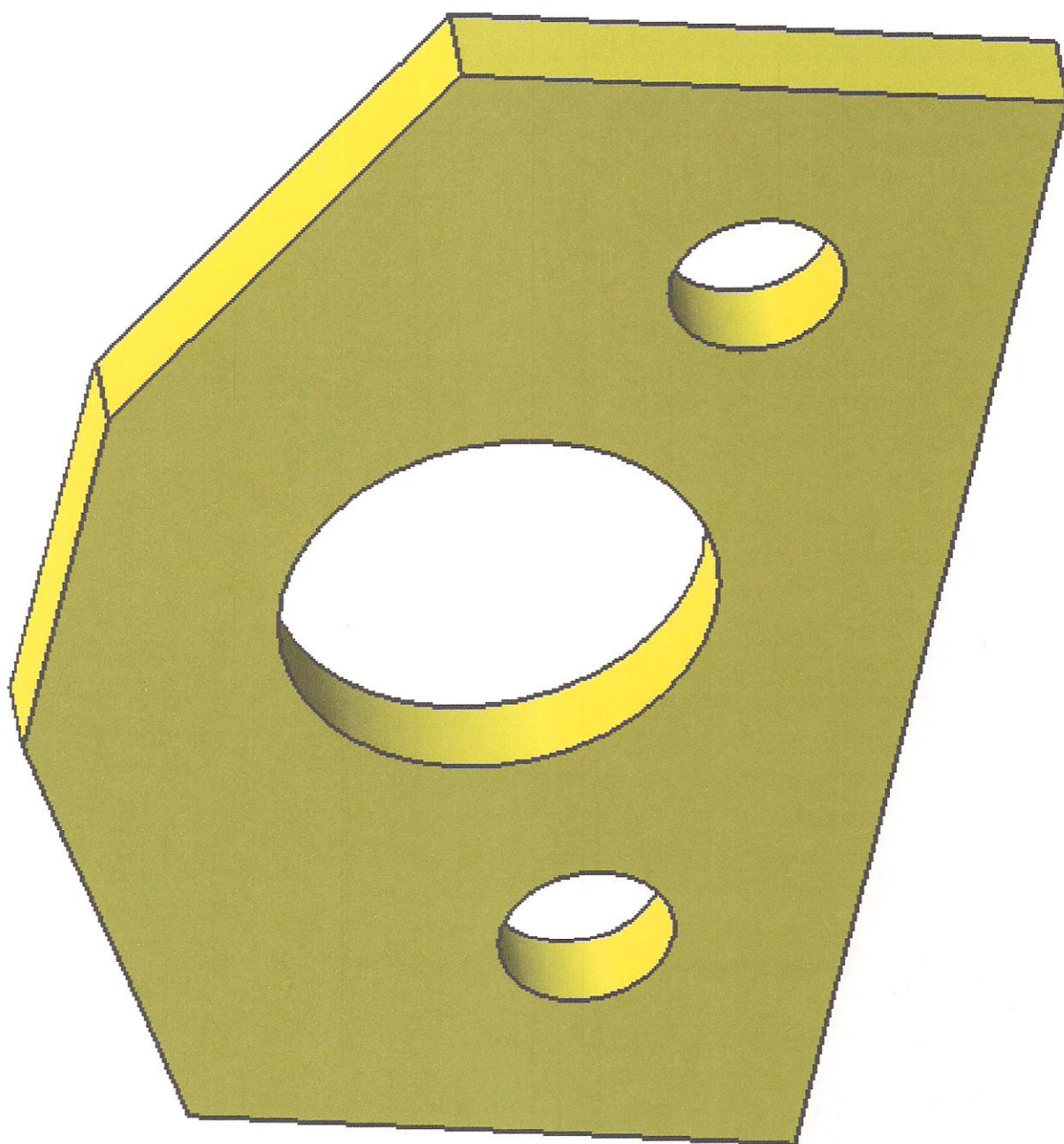
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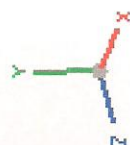
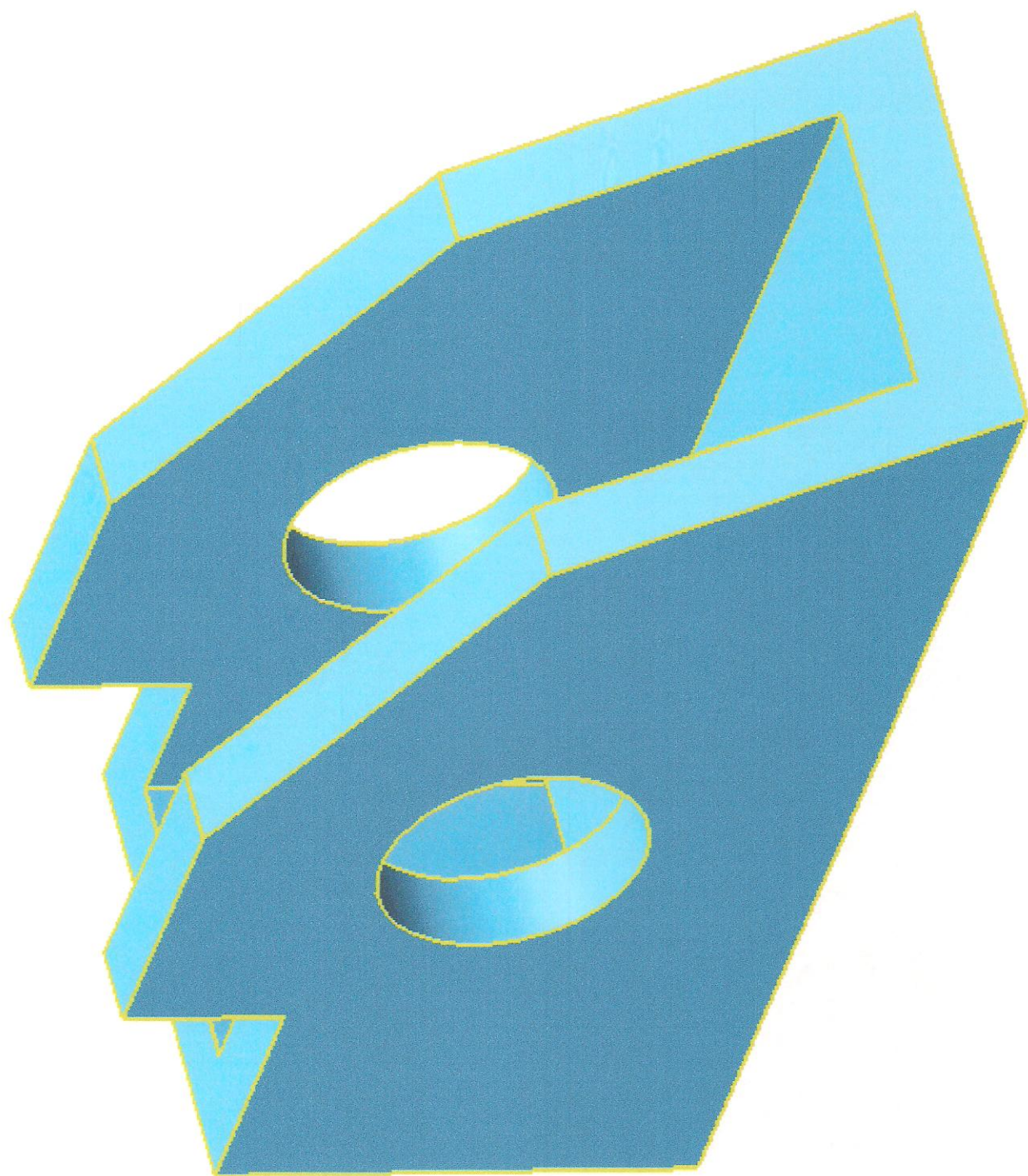






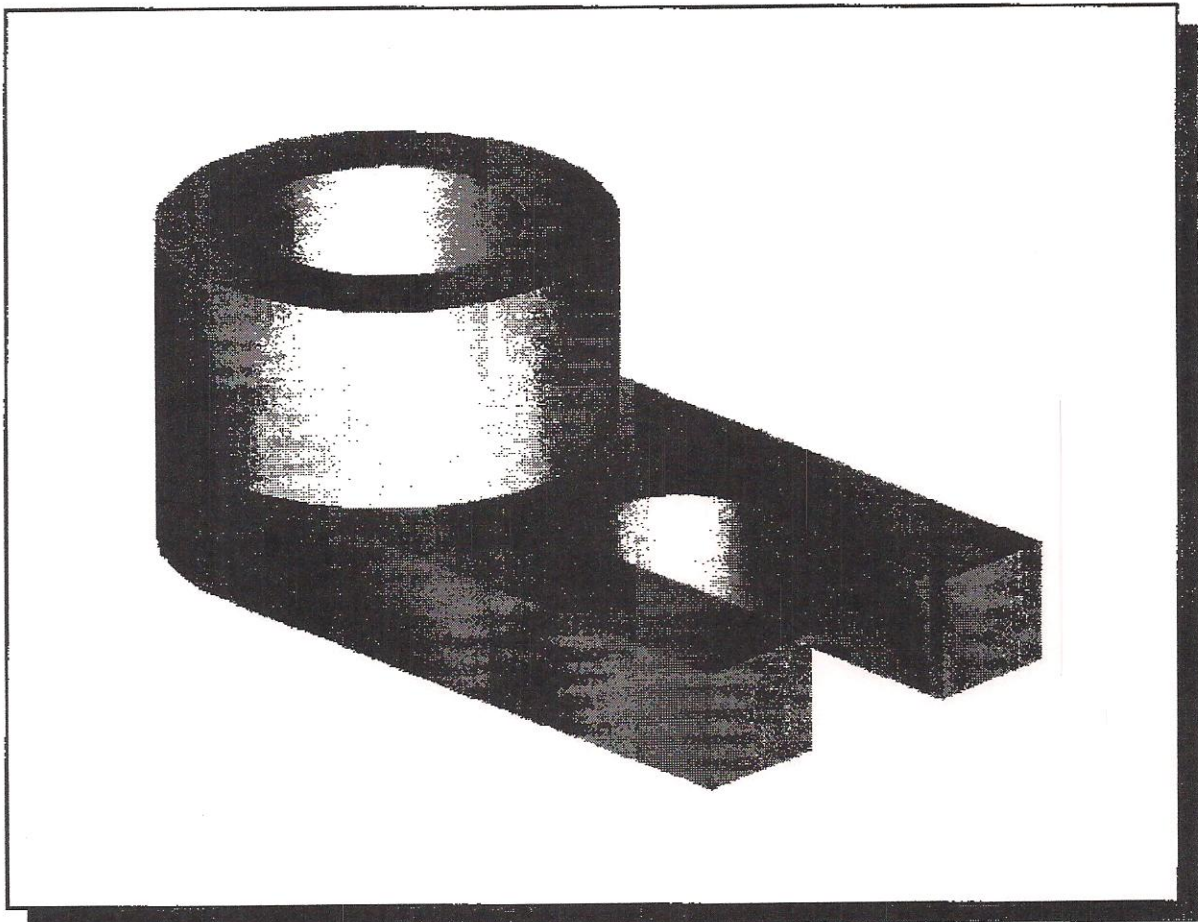


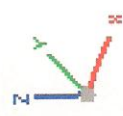
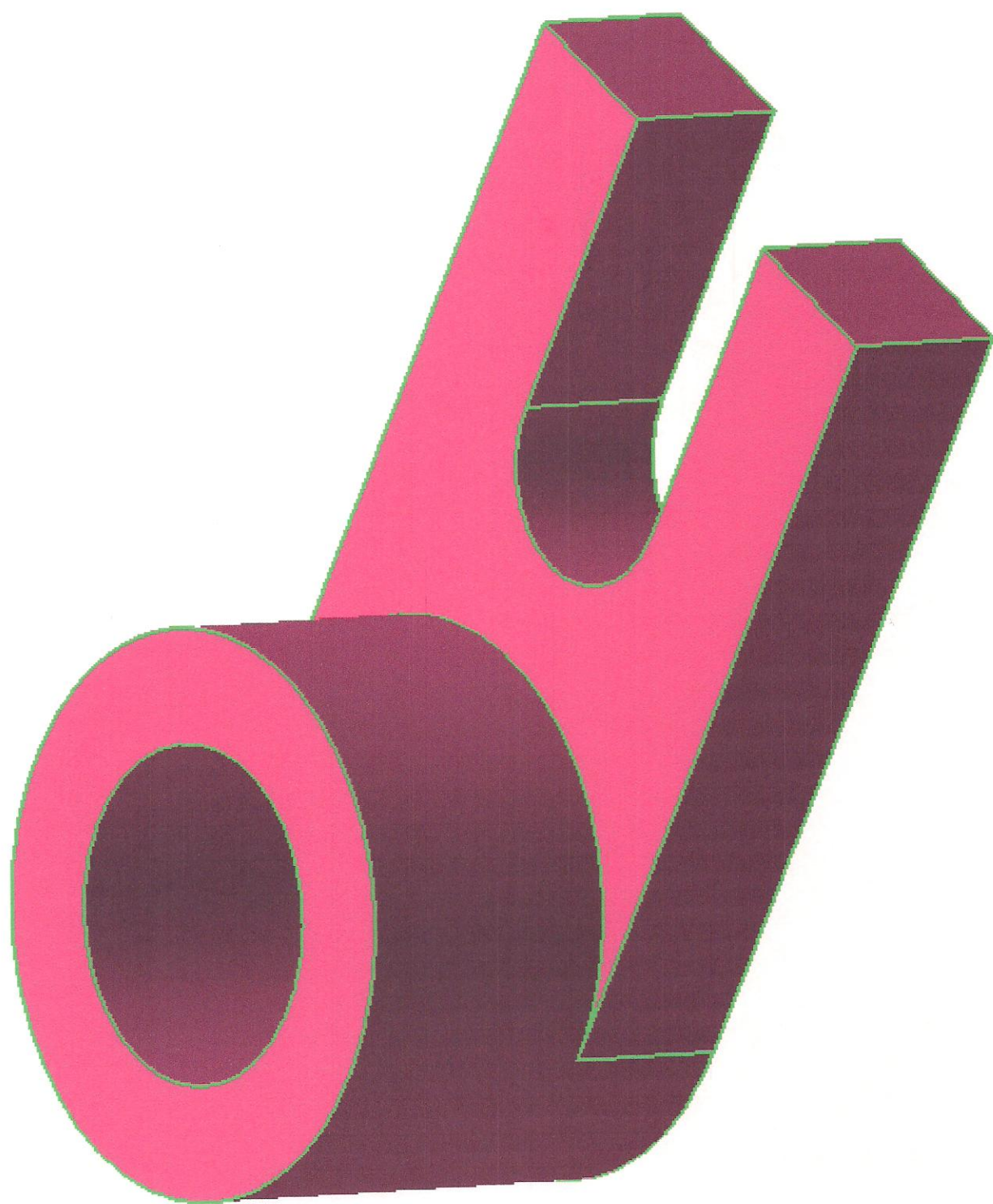


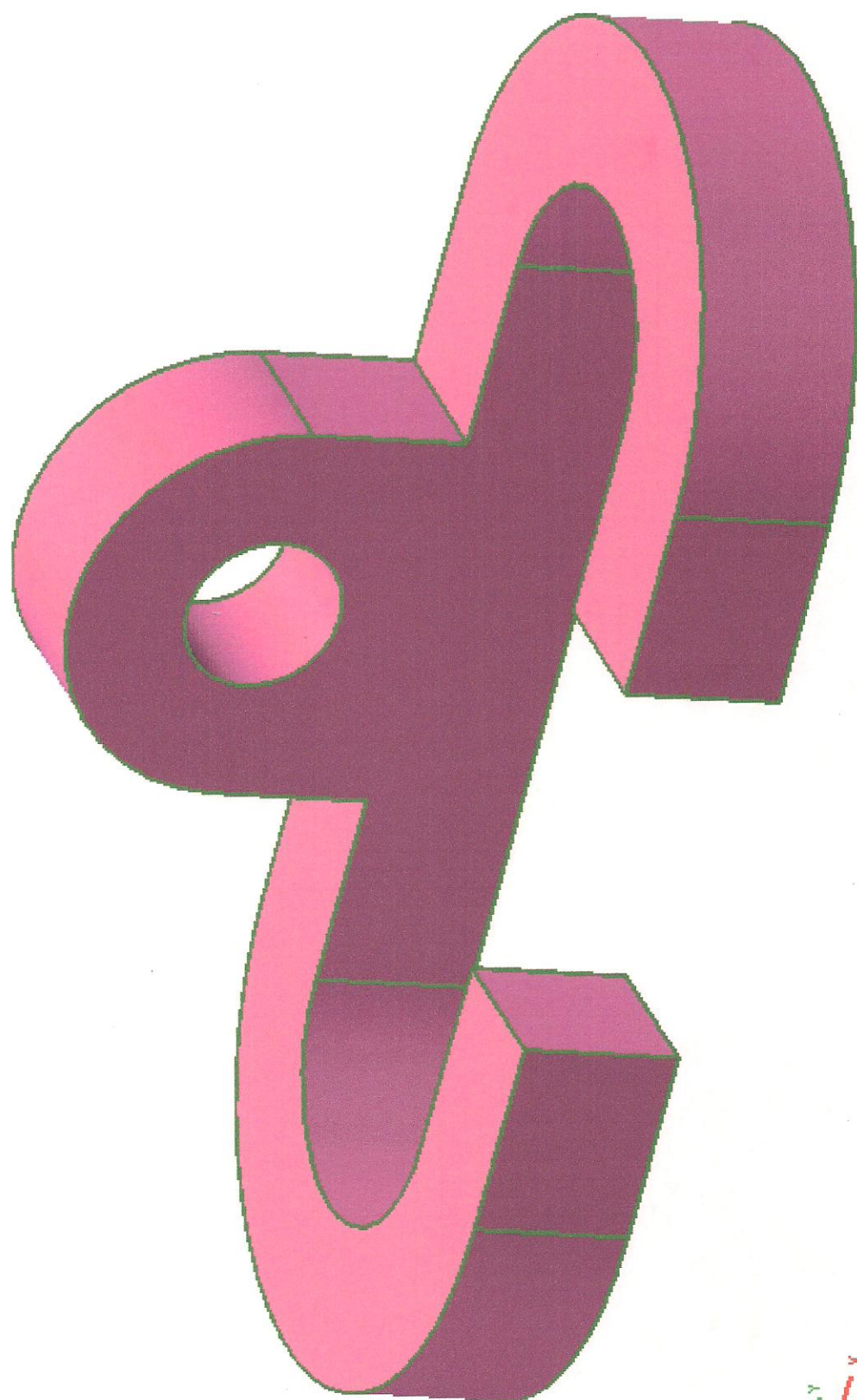


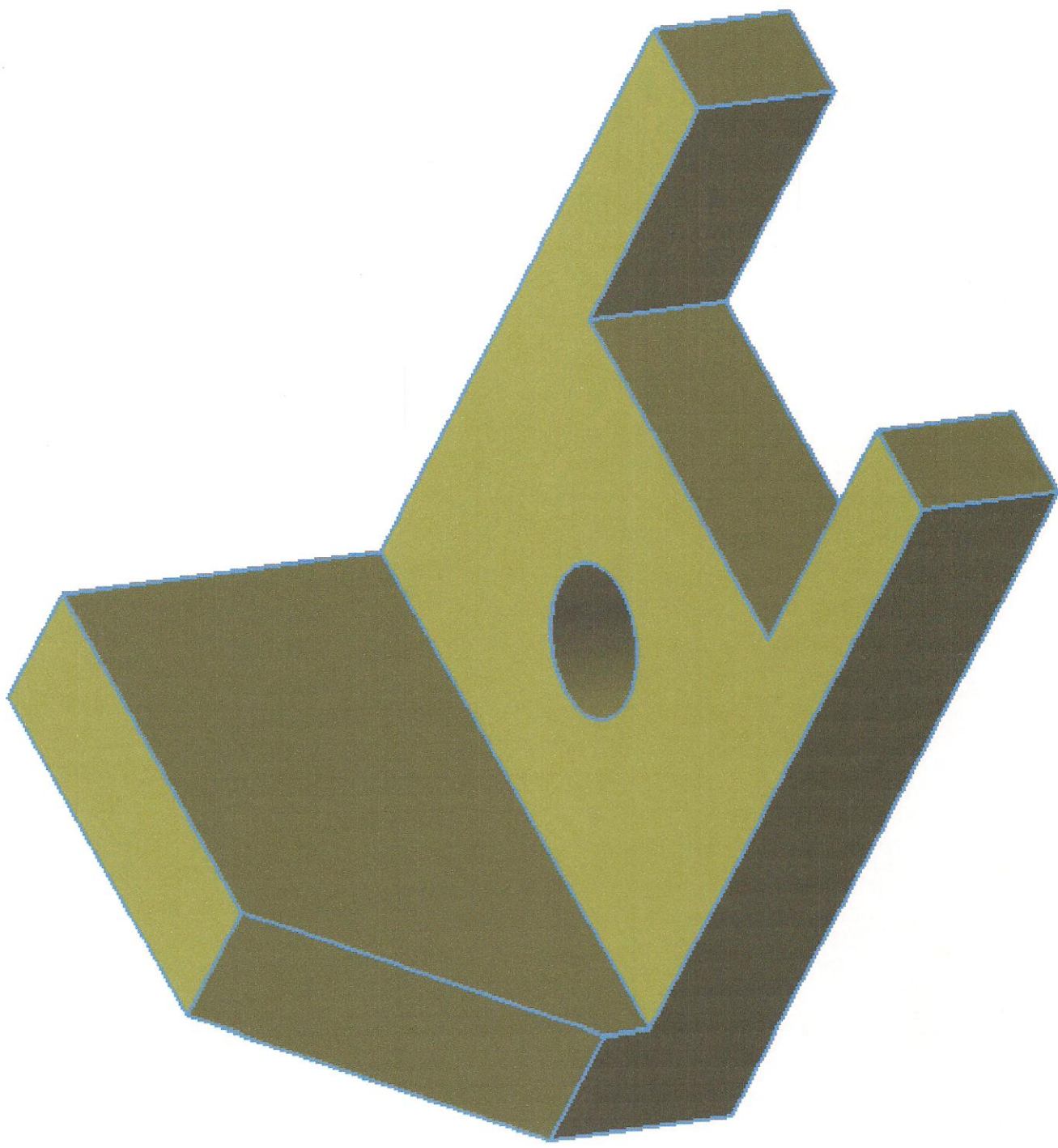
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CONSTRUCTIVE SOLID GEOMETRY CONCEPTS



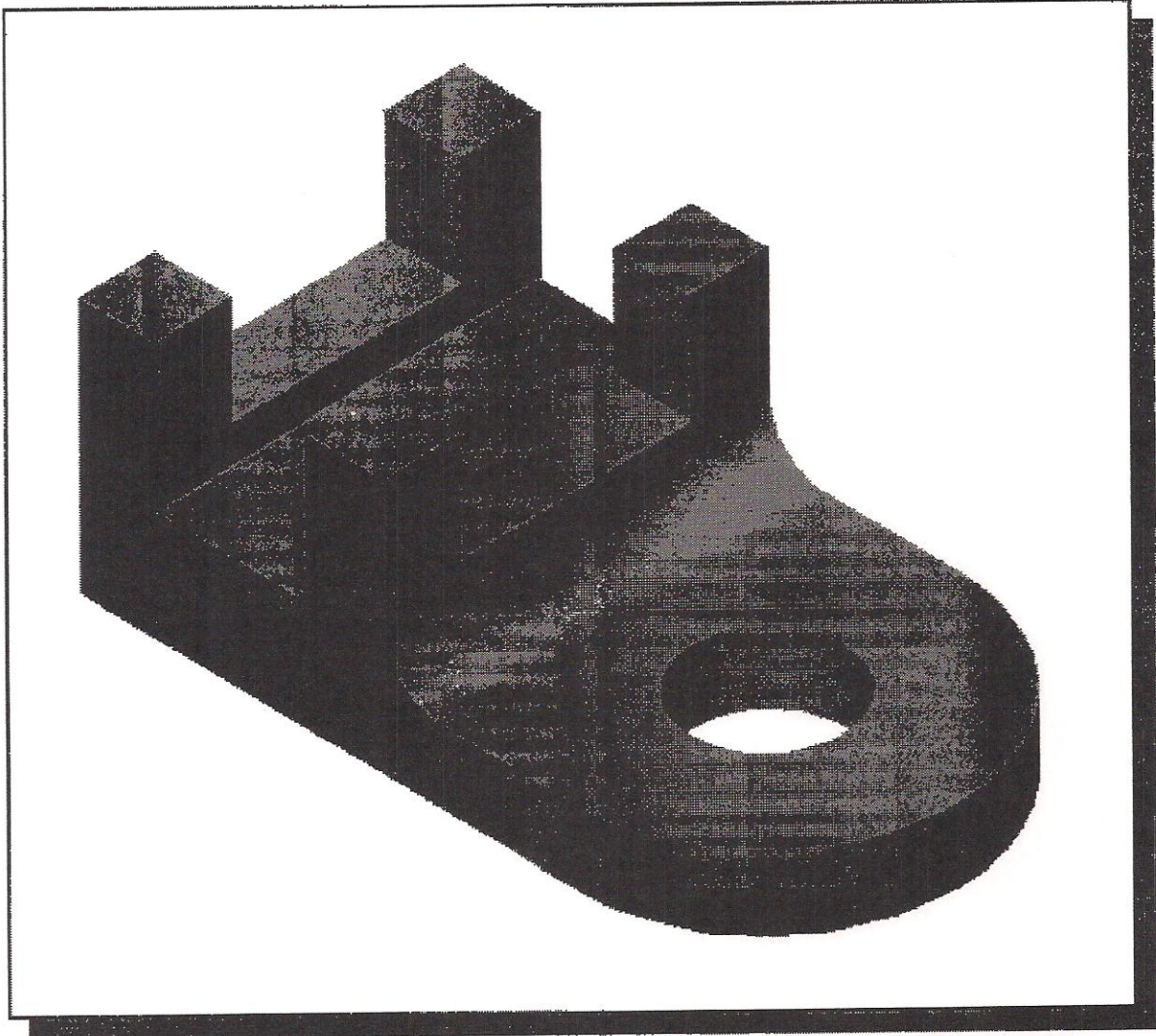




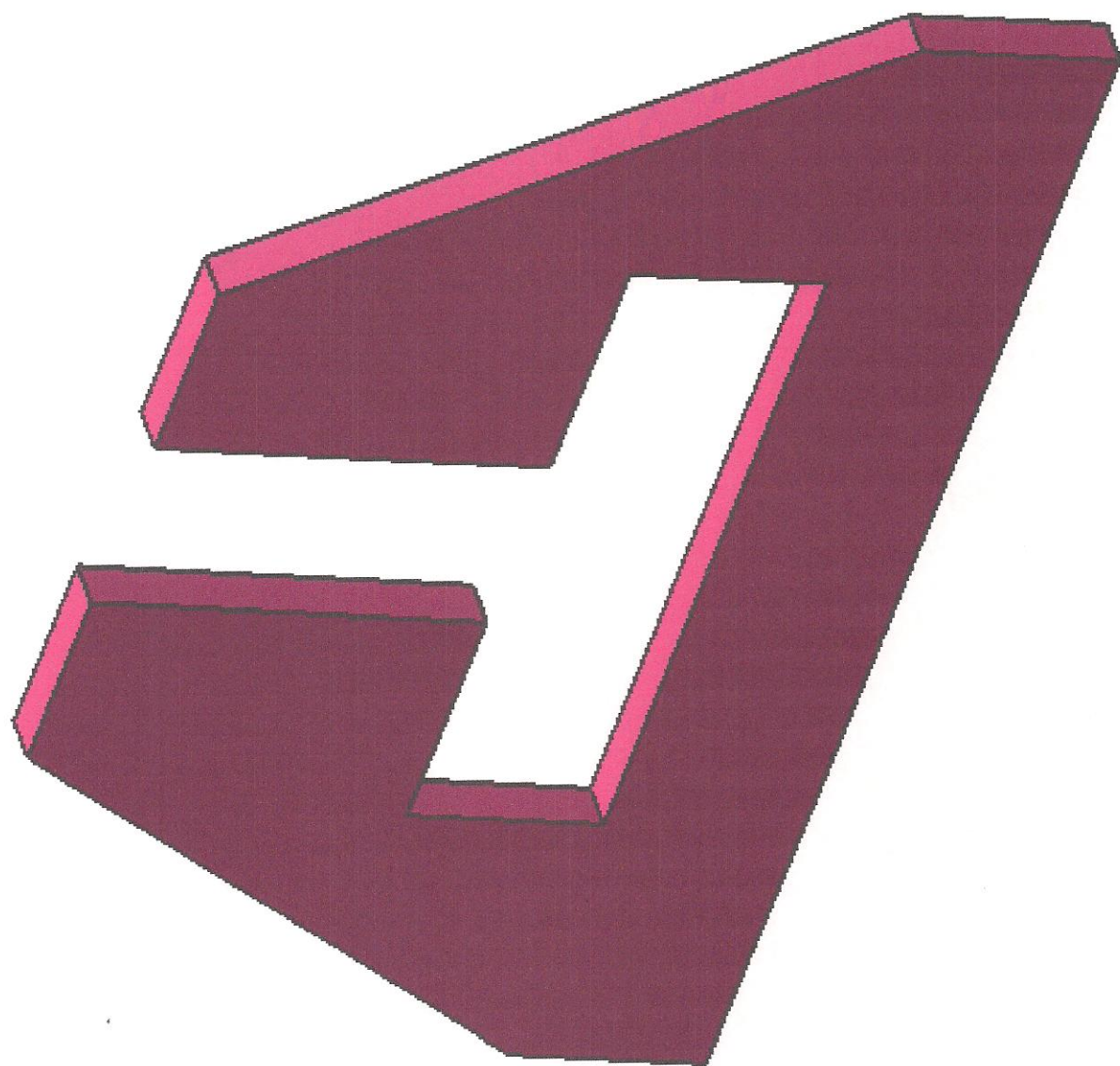


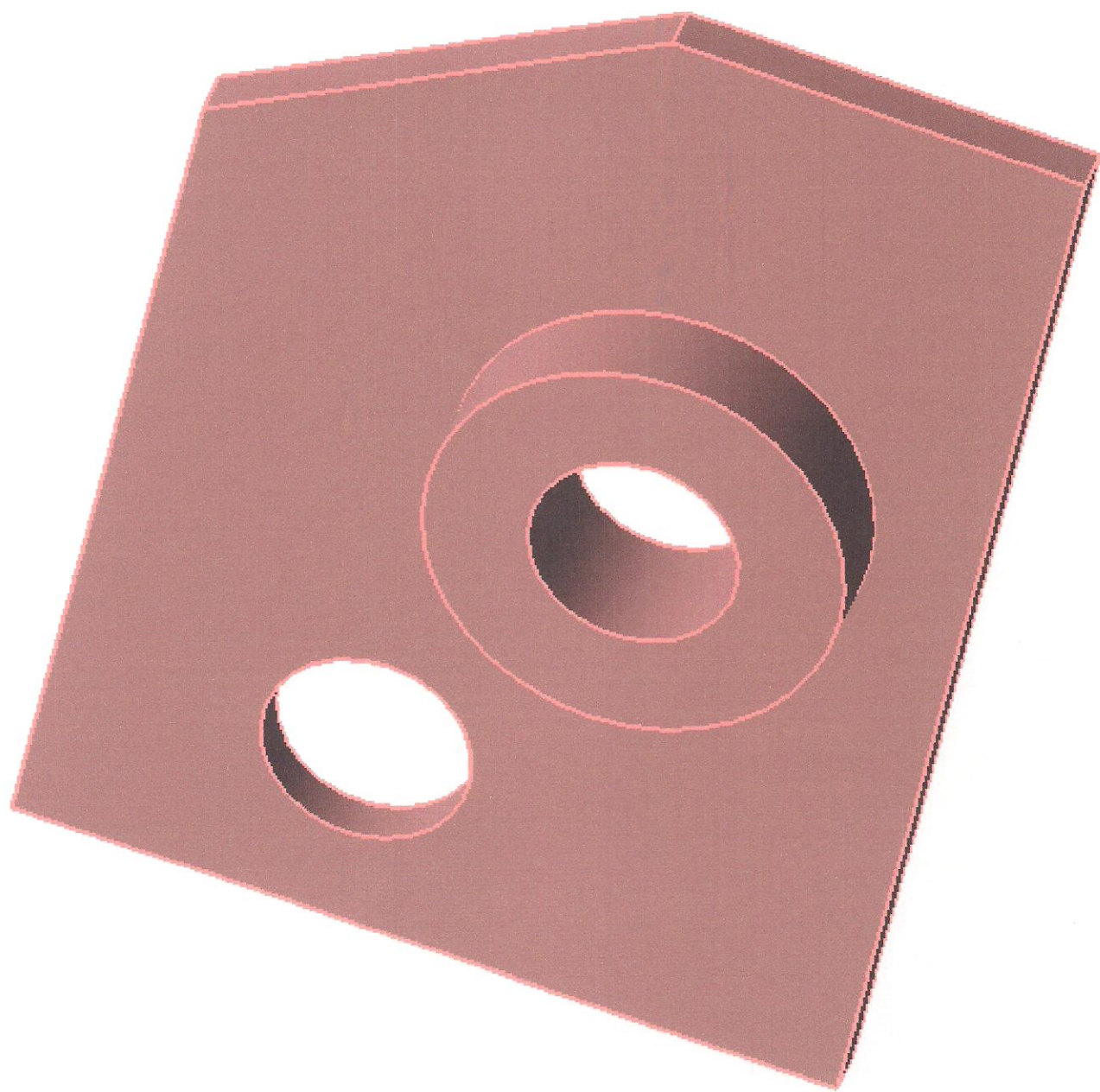
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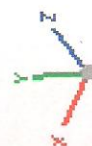
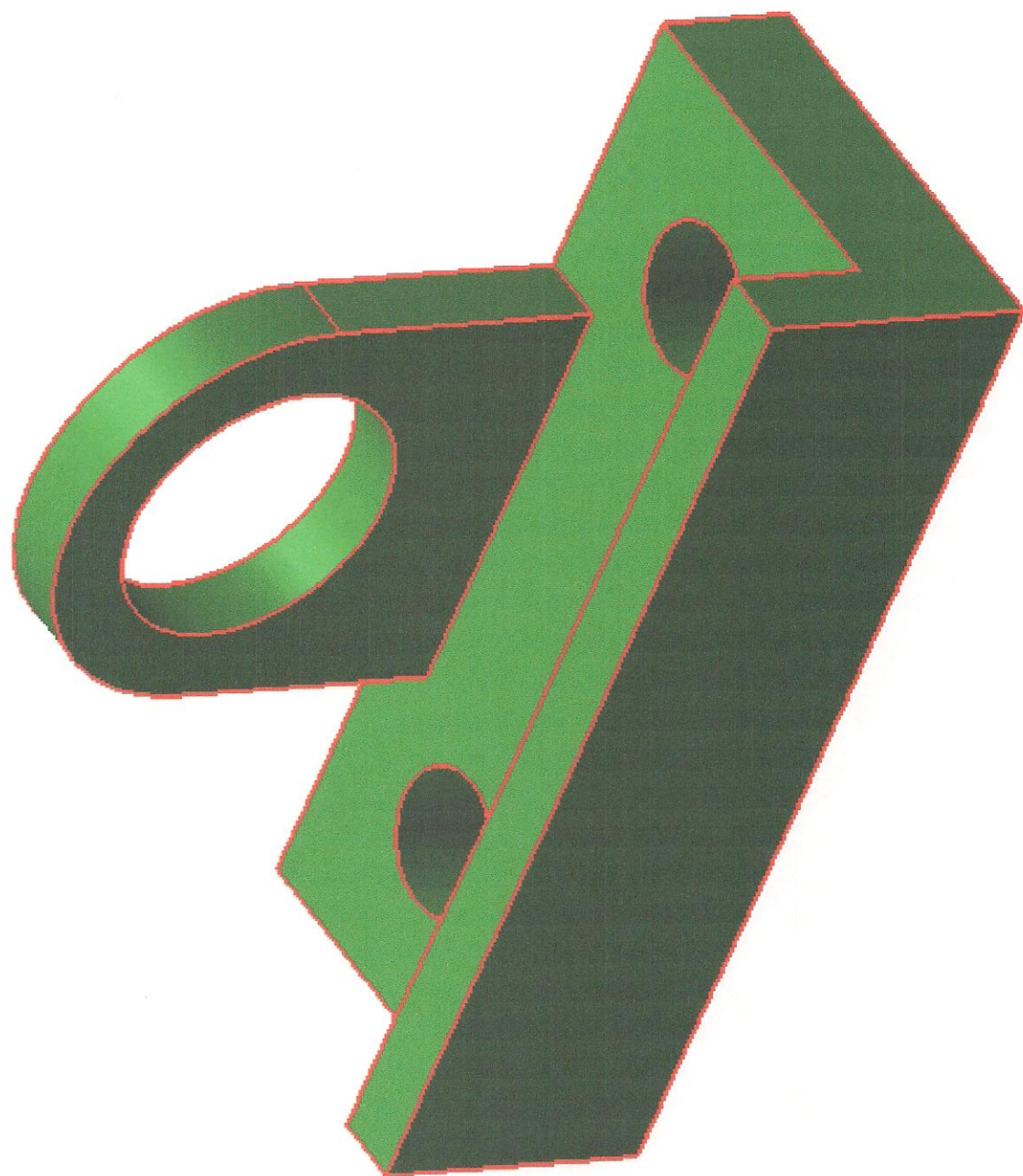
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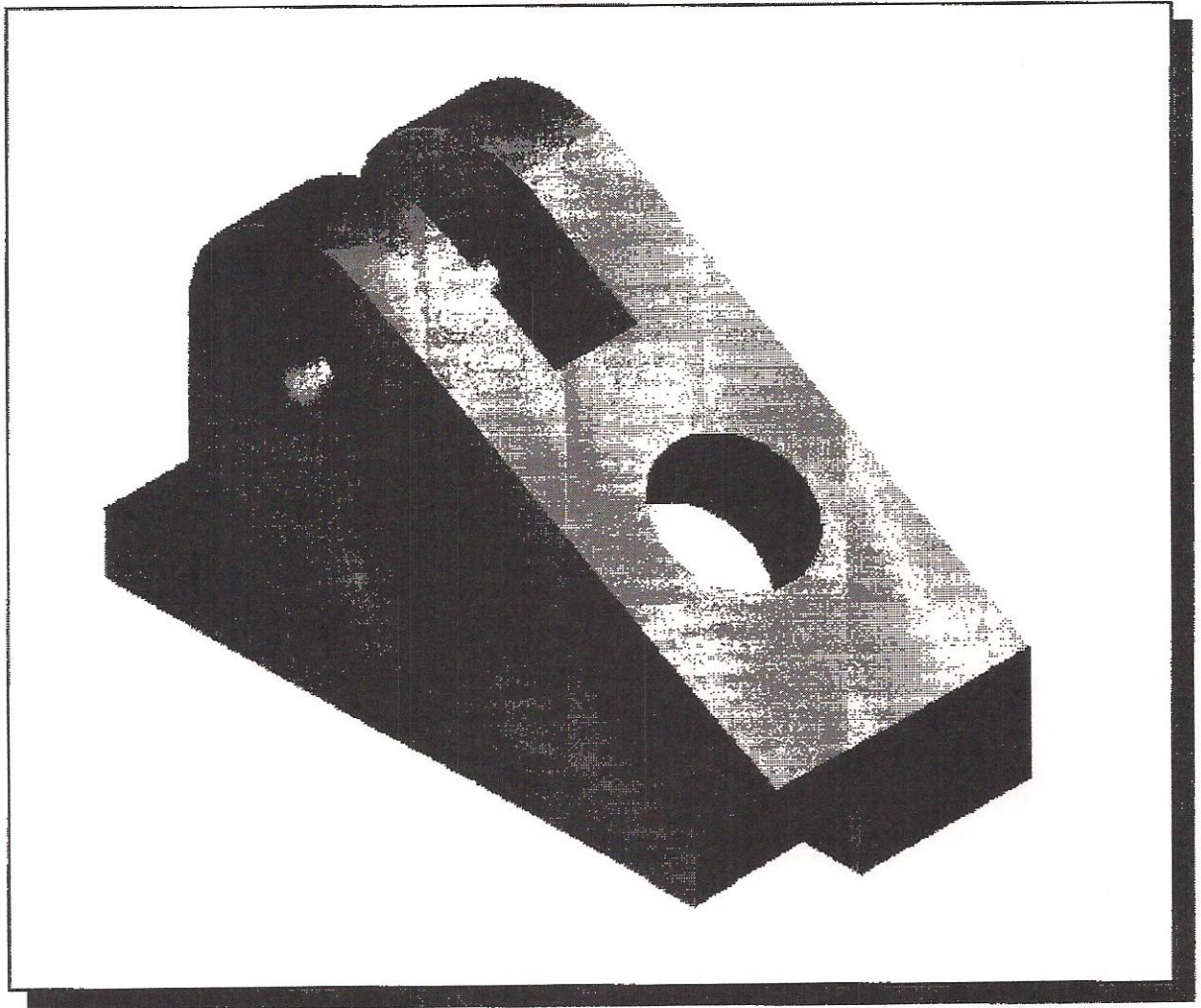


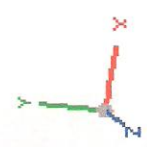
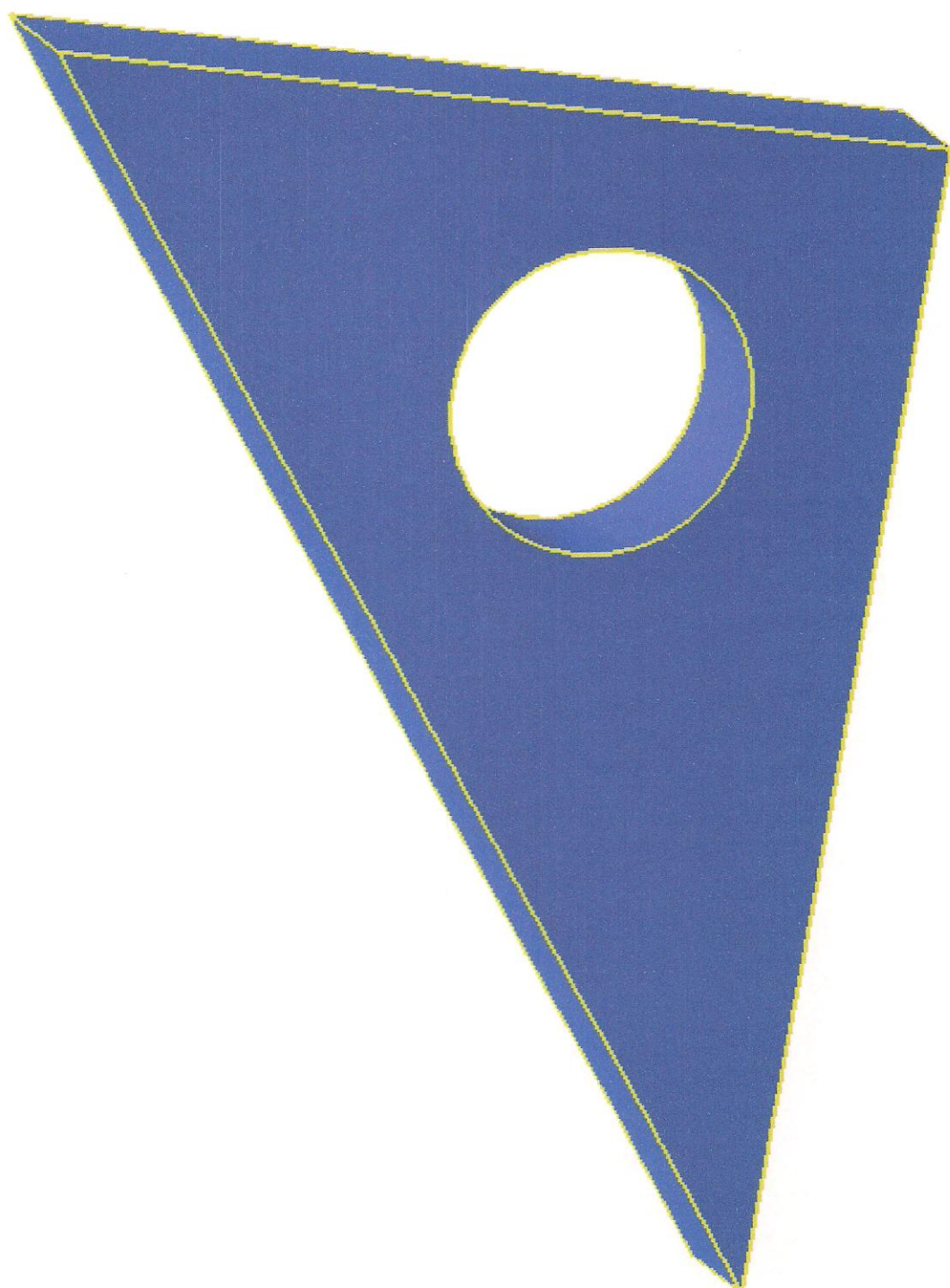


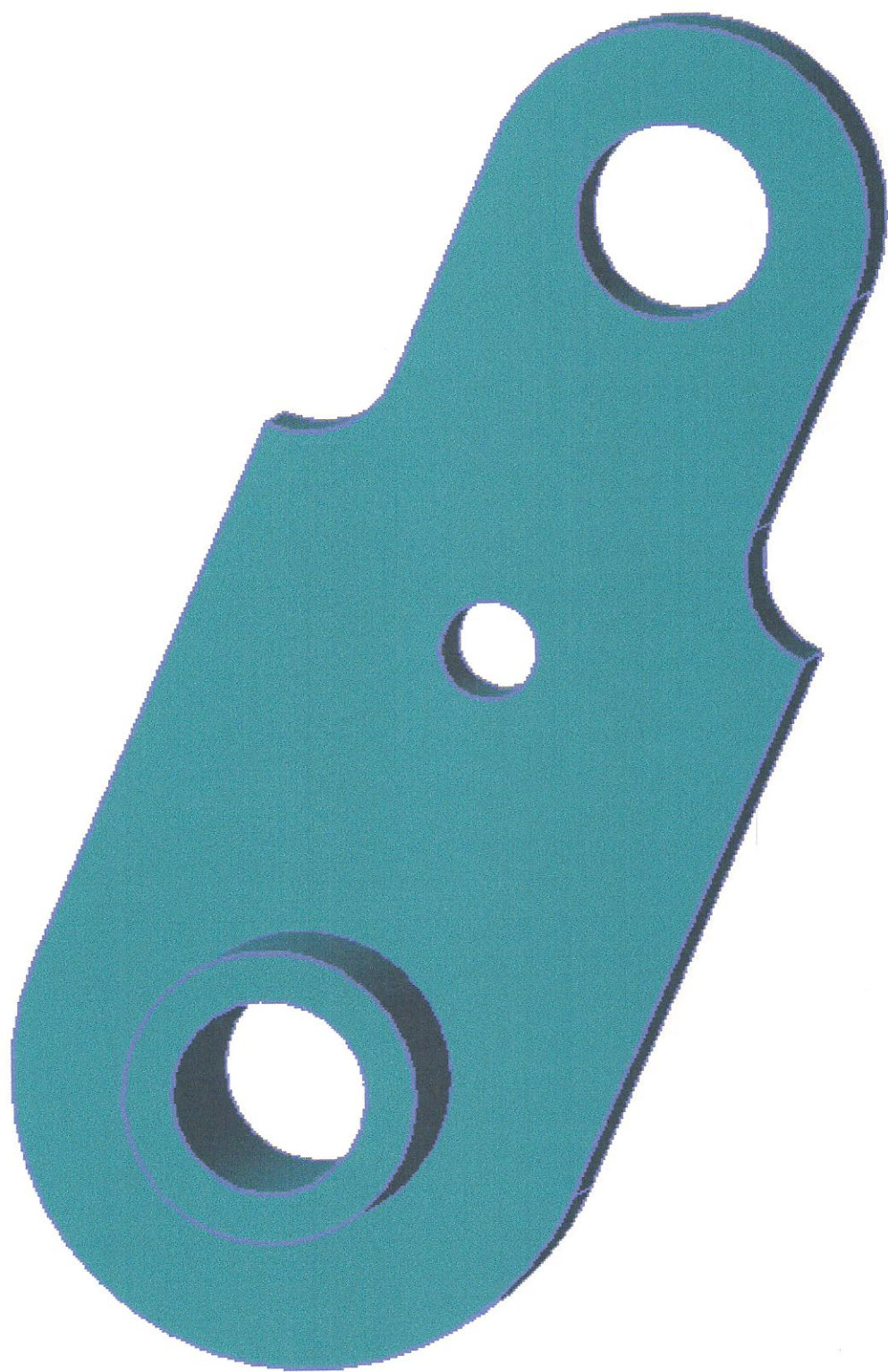


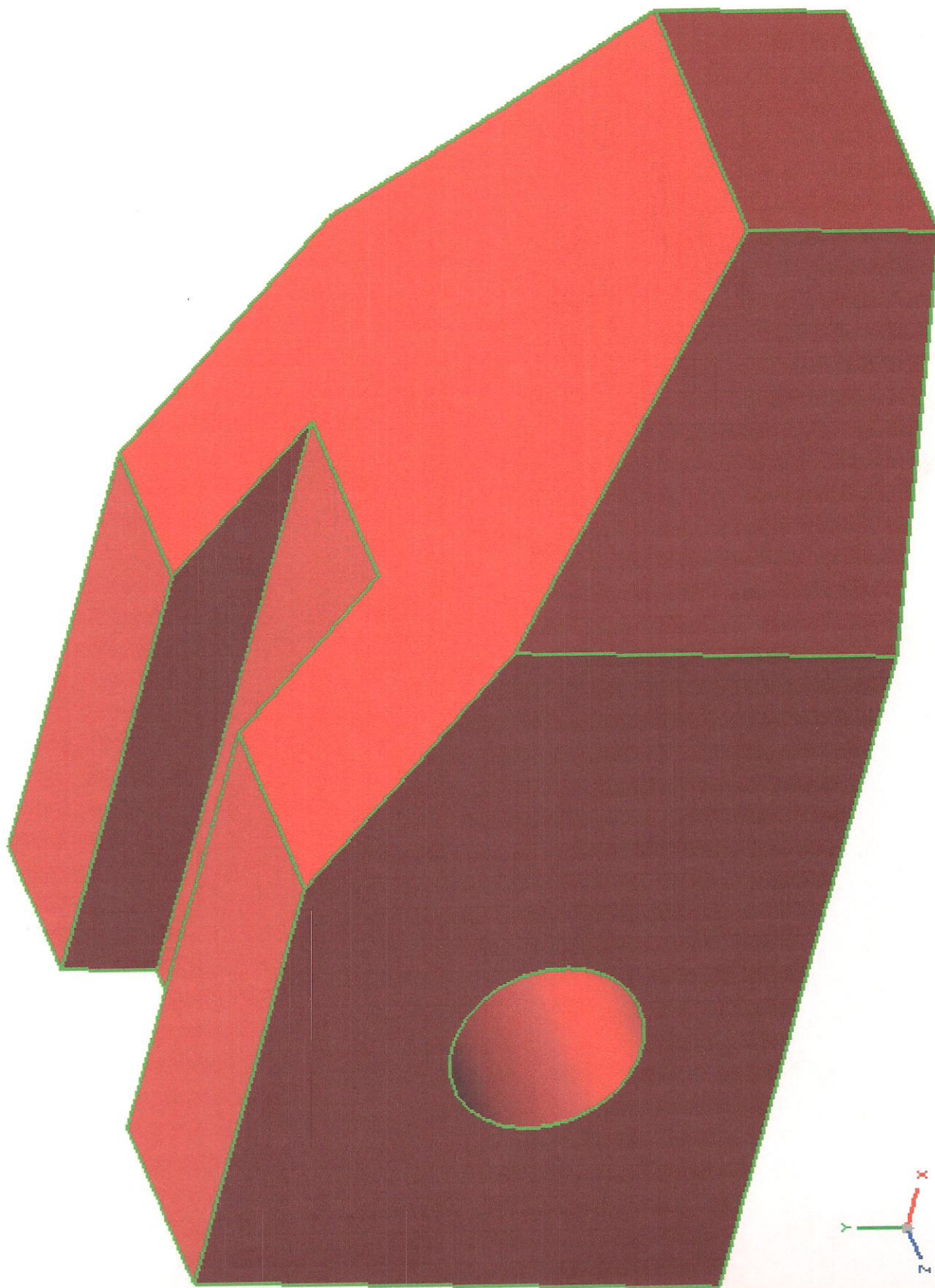
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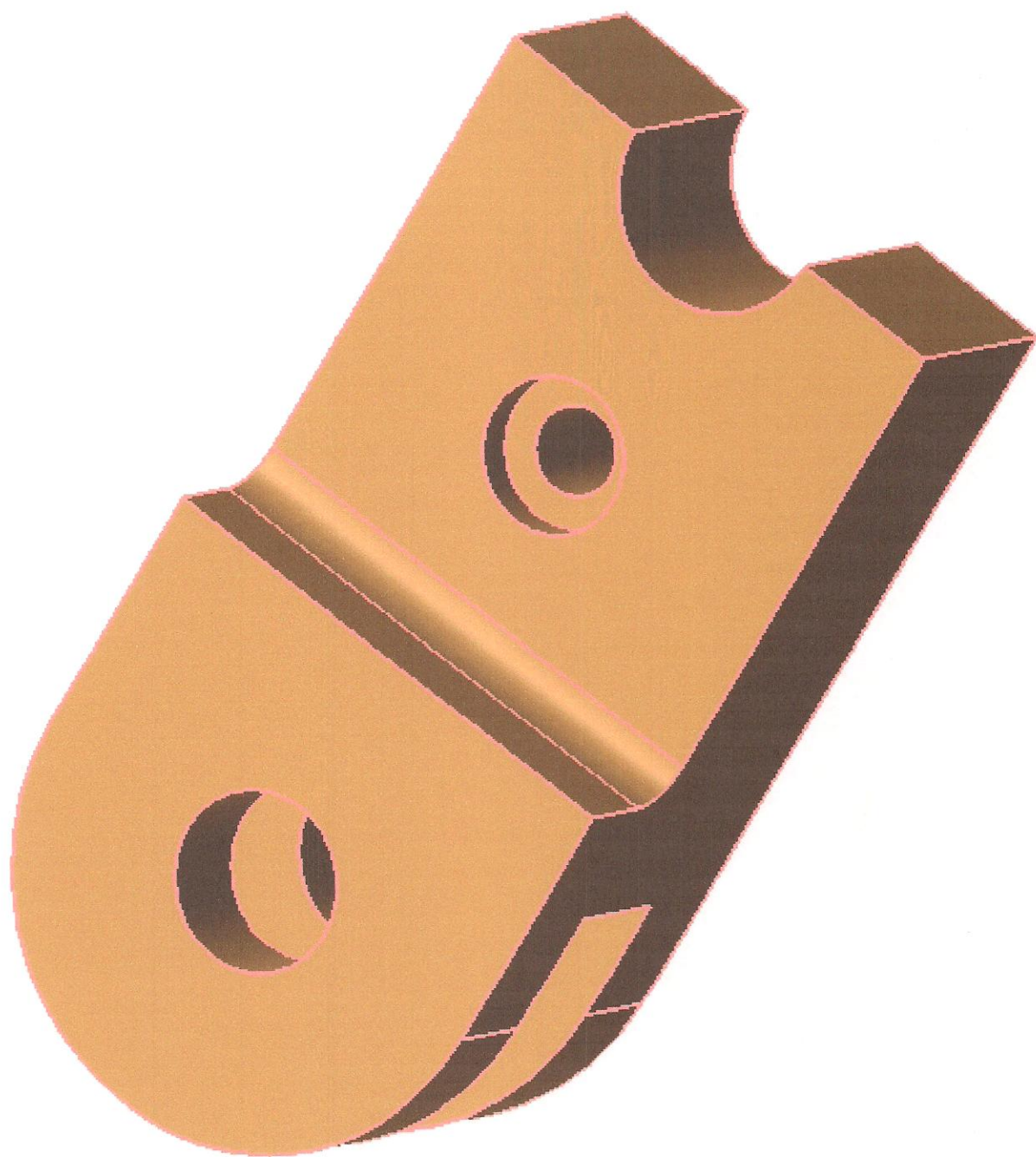
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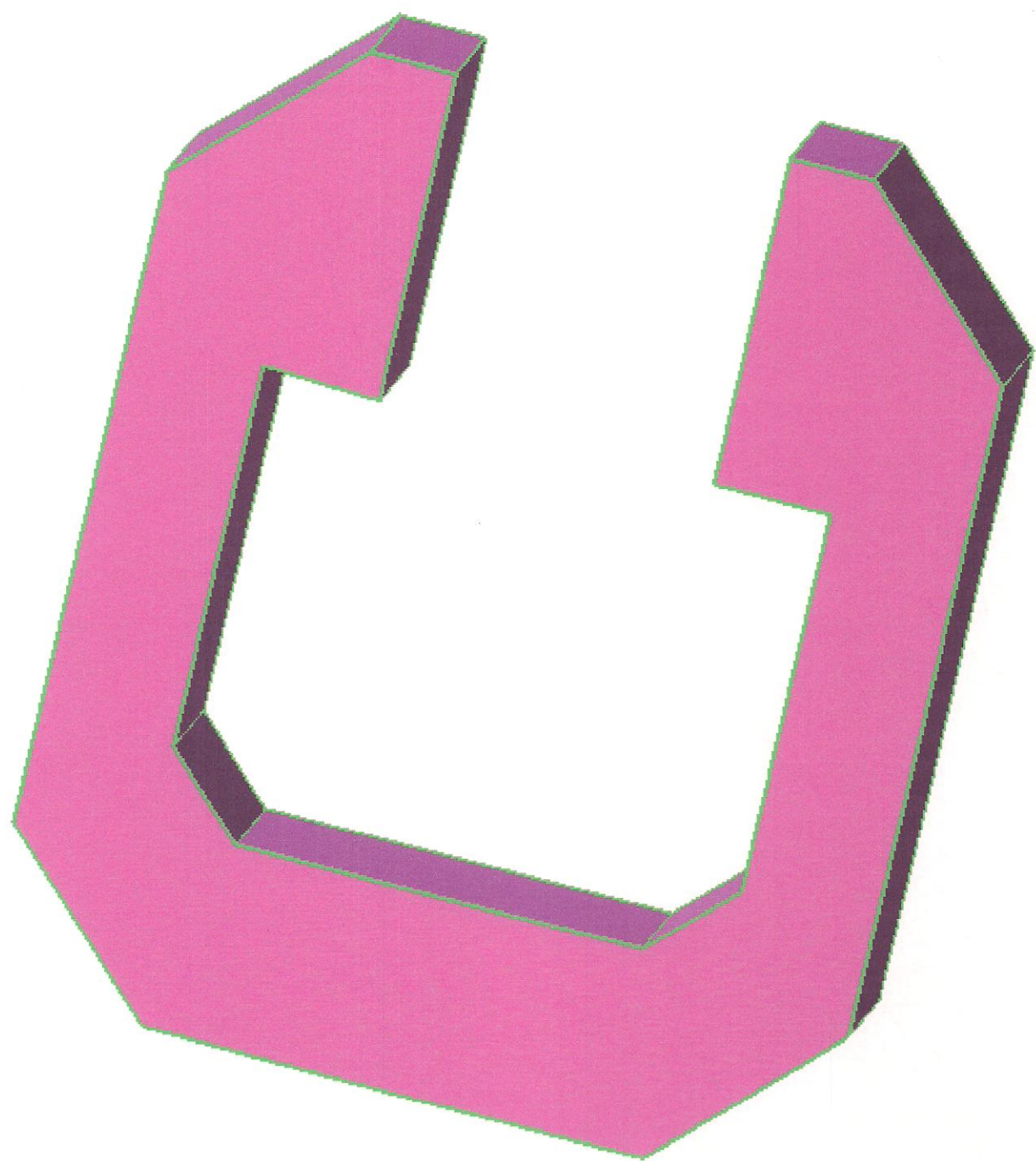






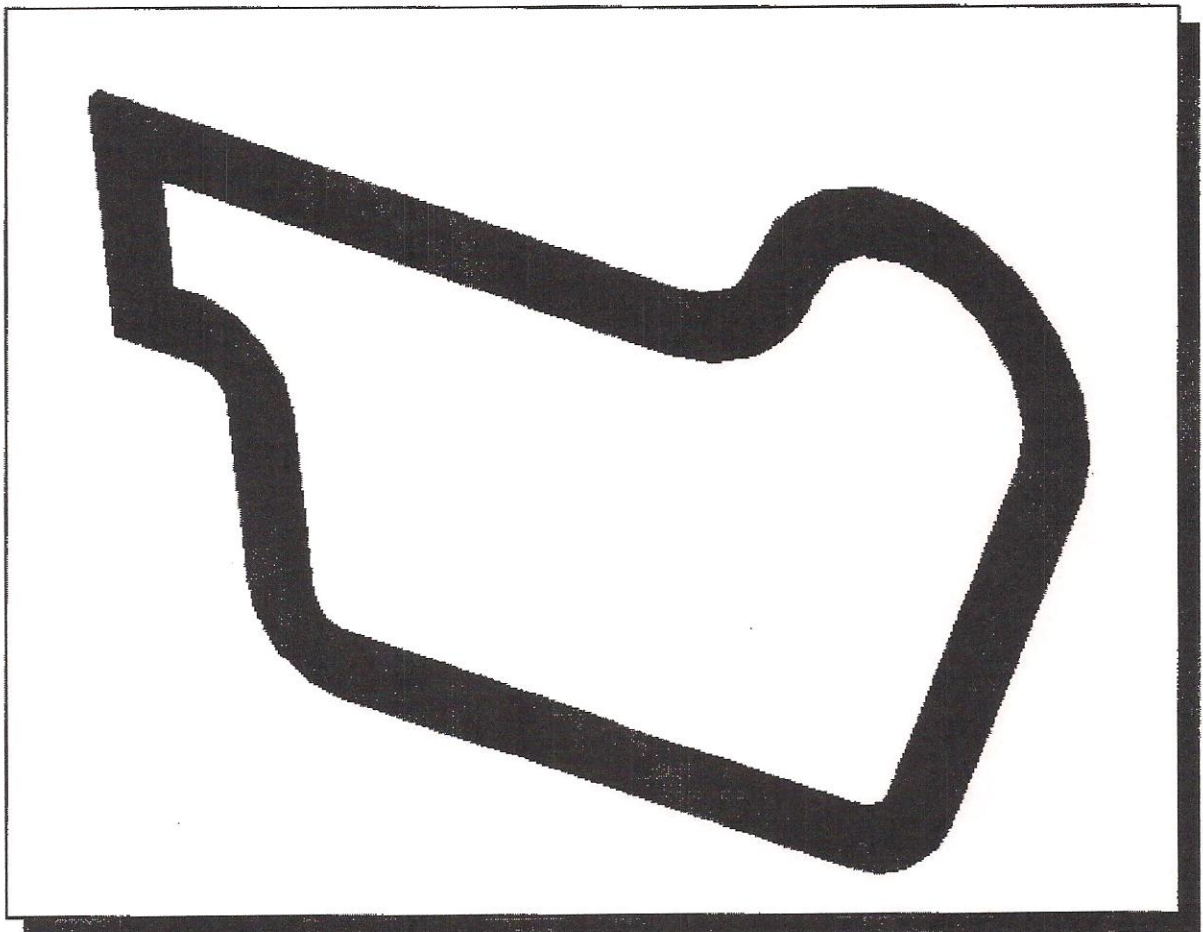


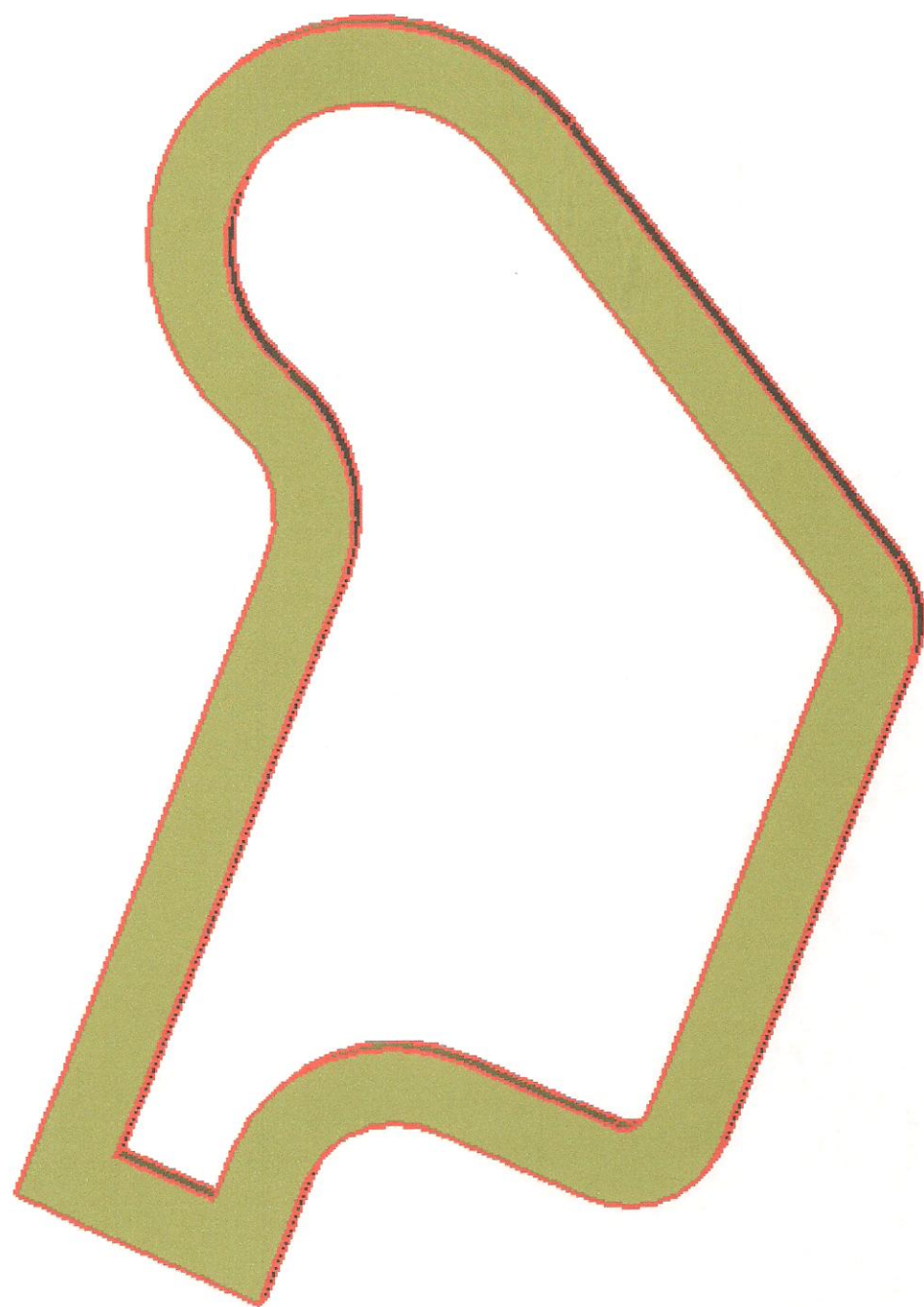


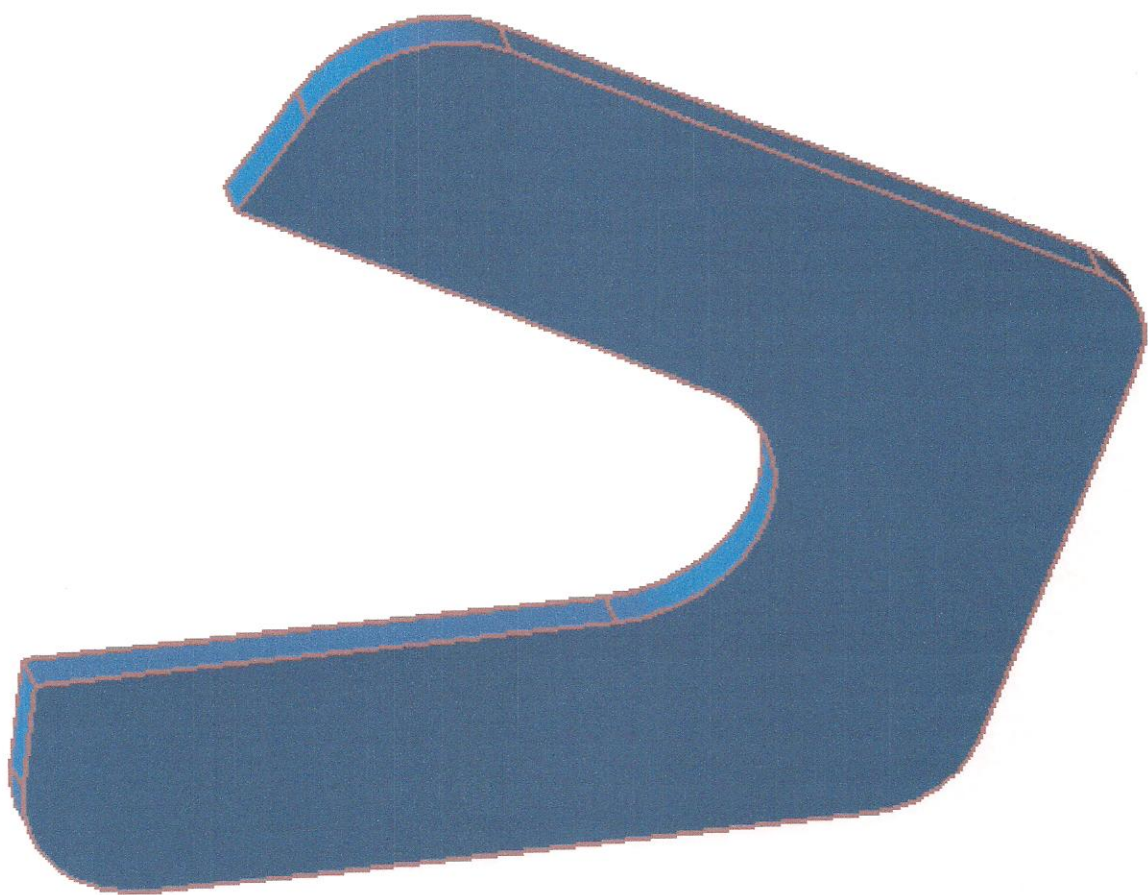


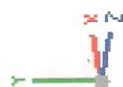
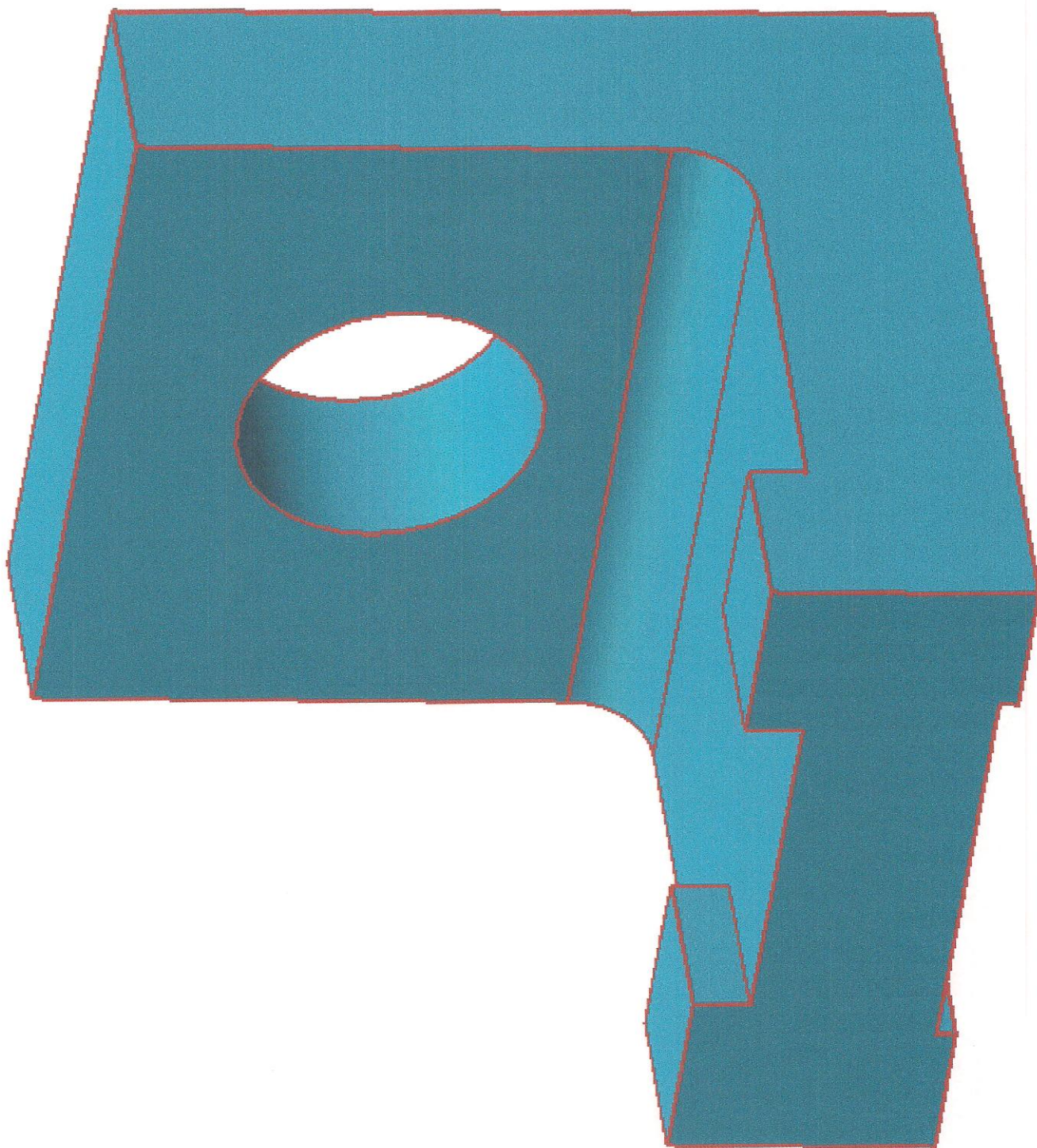
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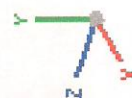
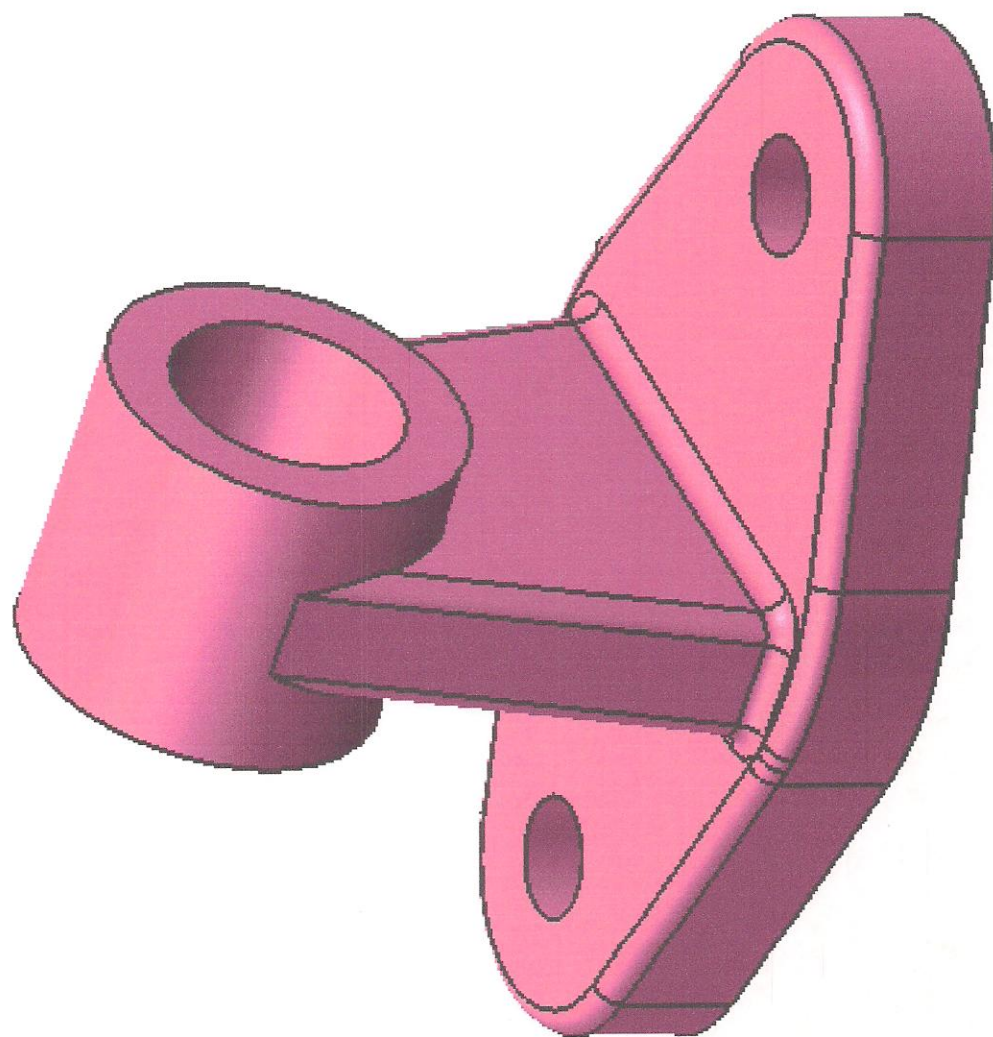
GEOMETRIC CONSTRUCTION TOOLS





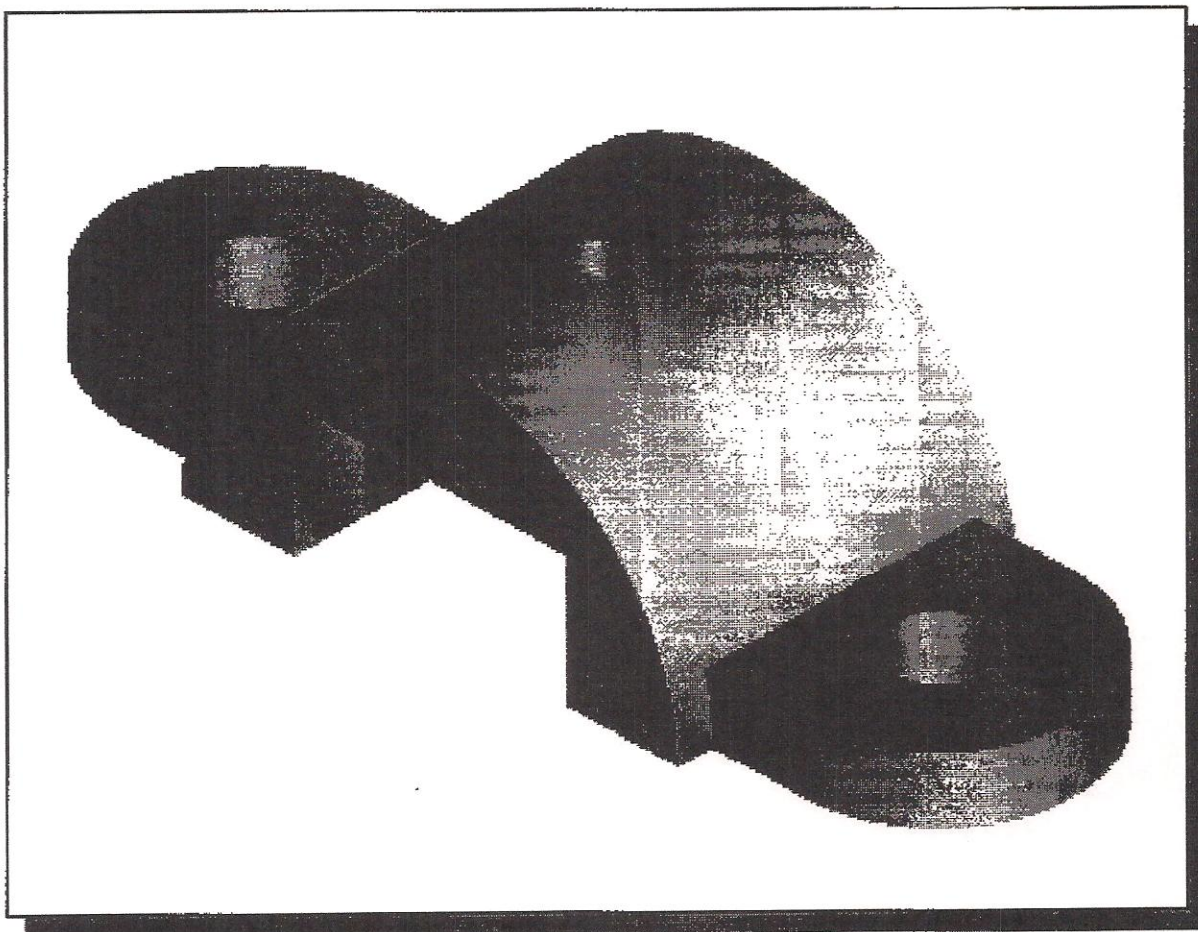


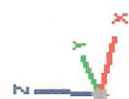
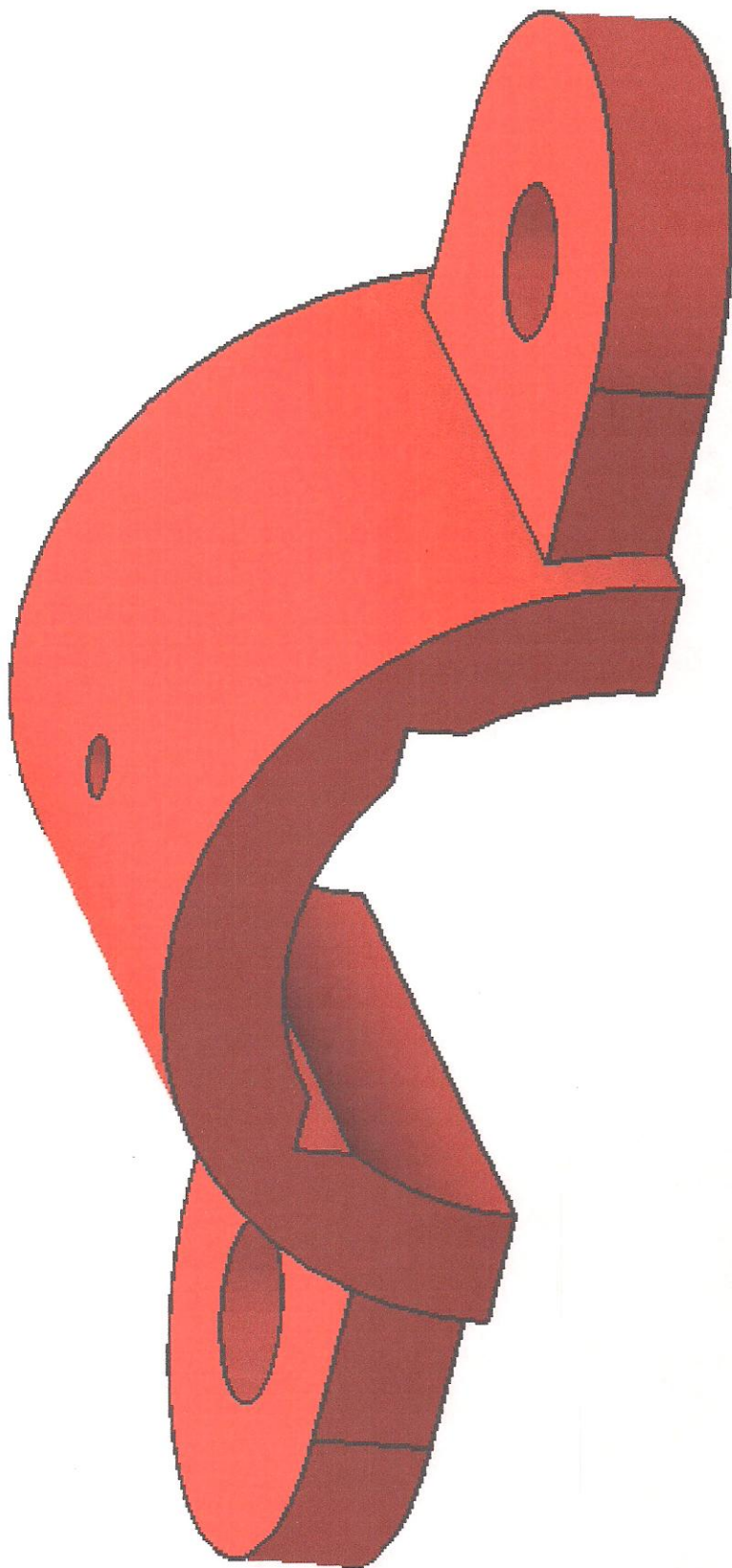


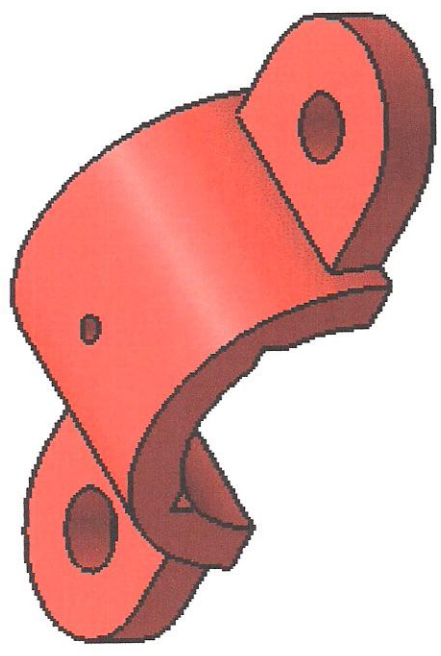
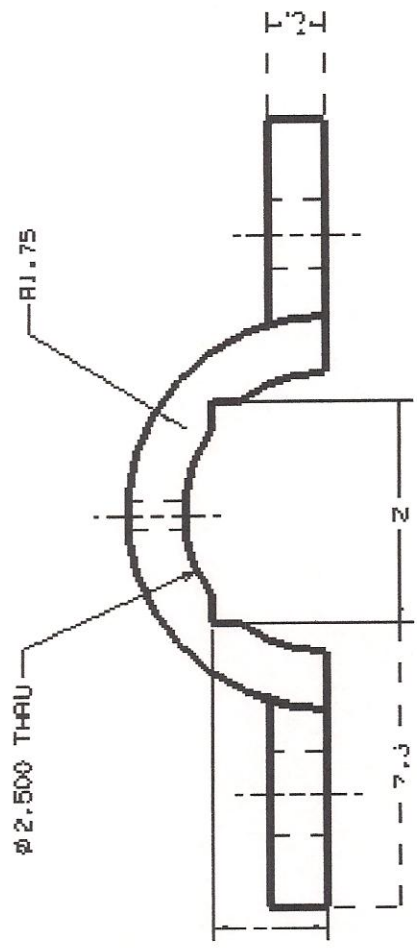
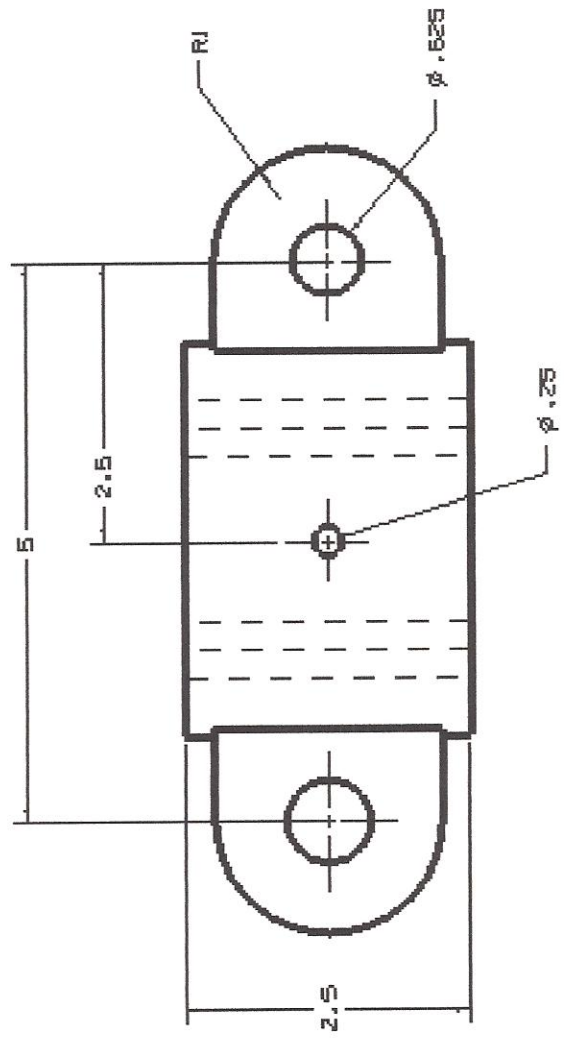


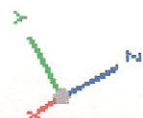
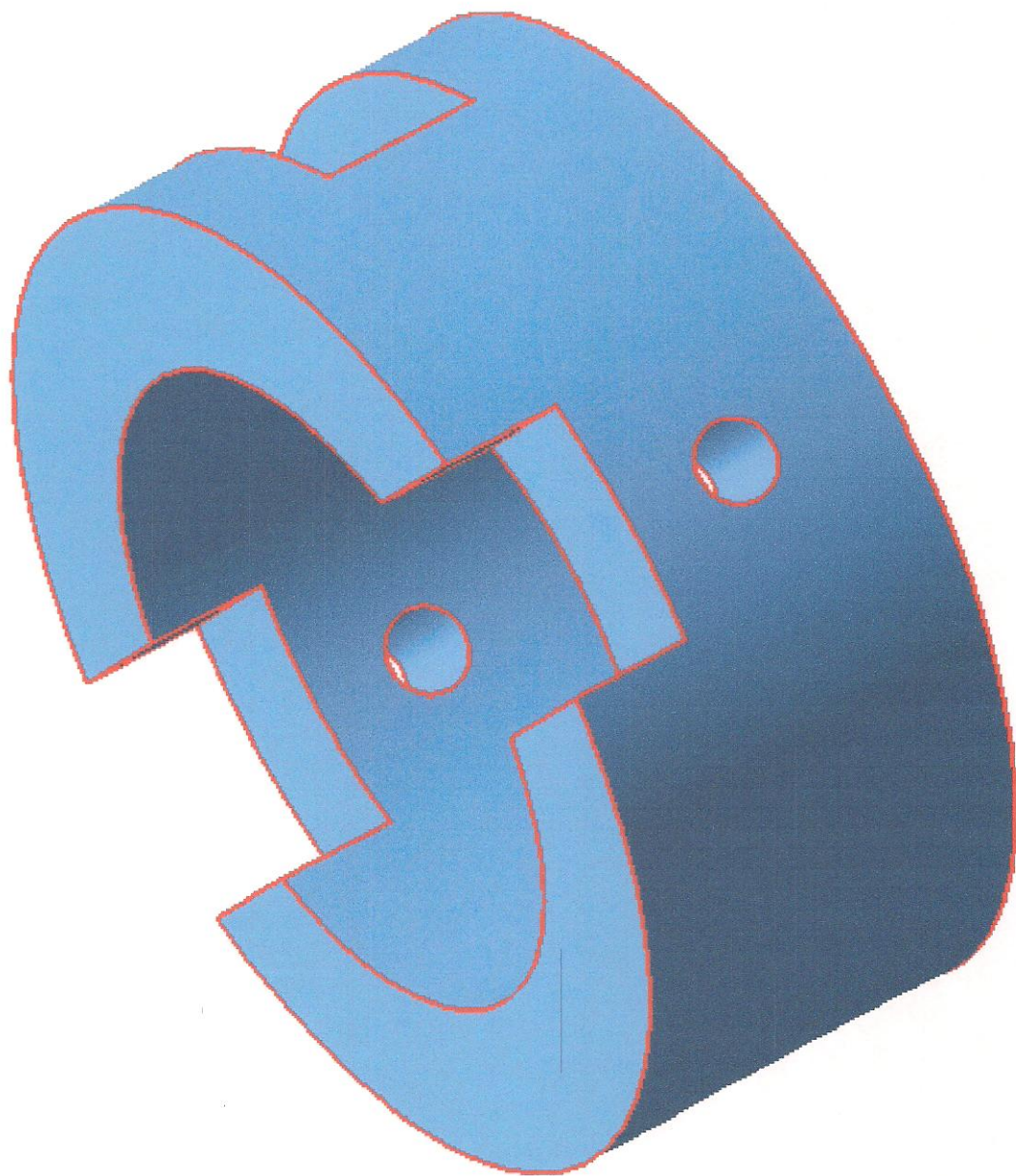
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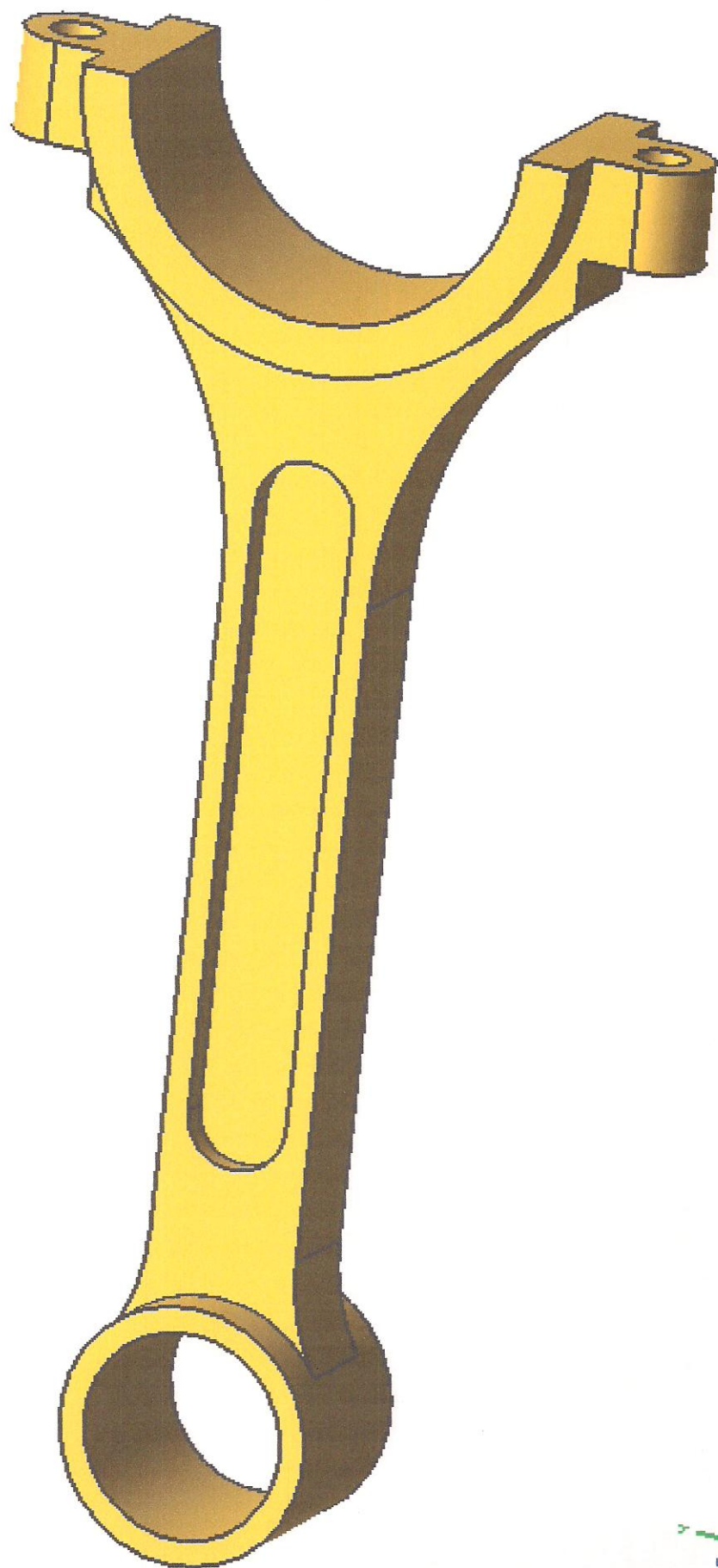
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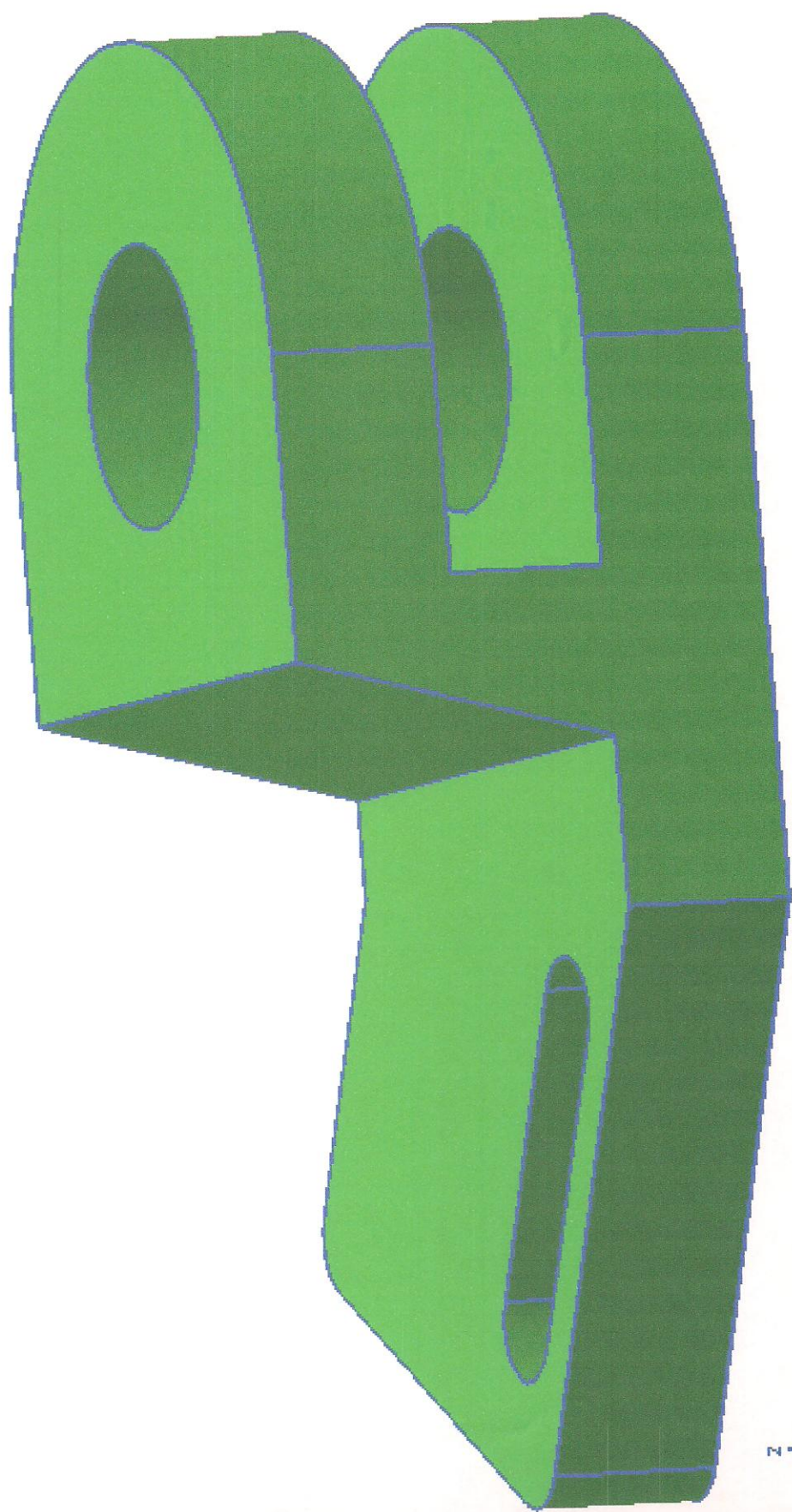






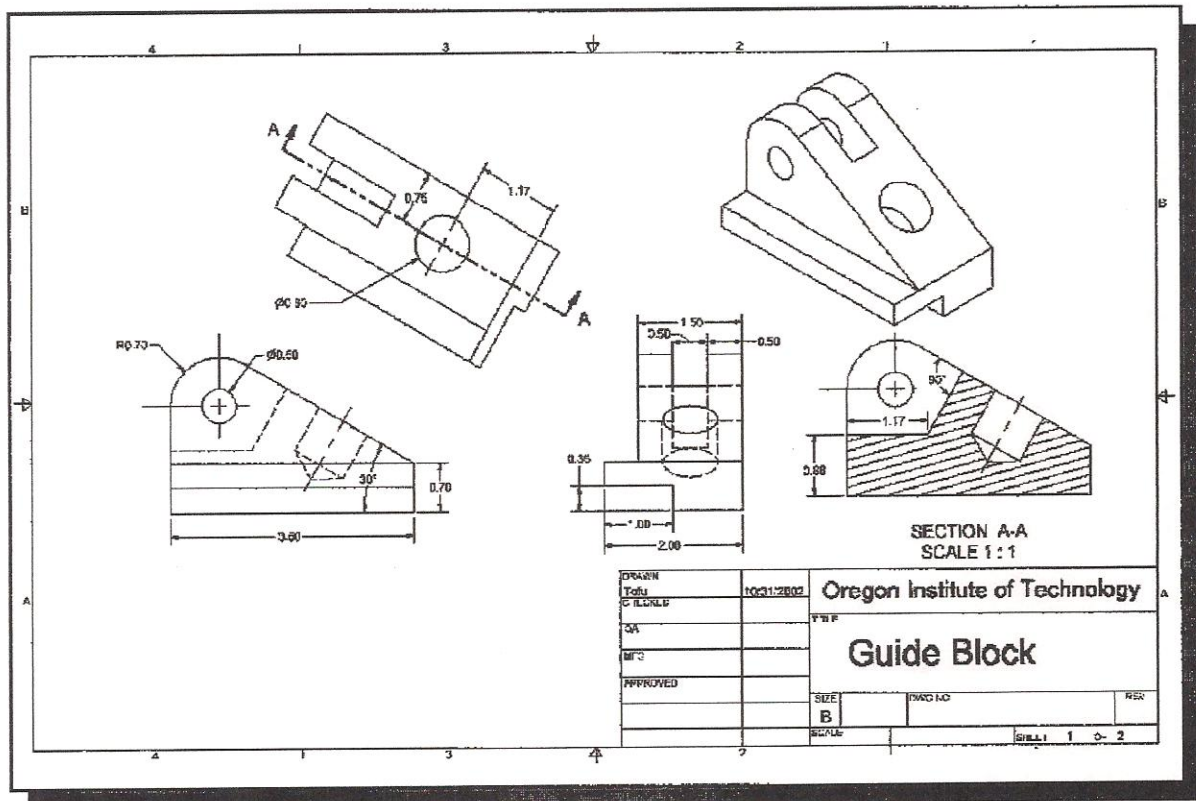


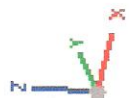
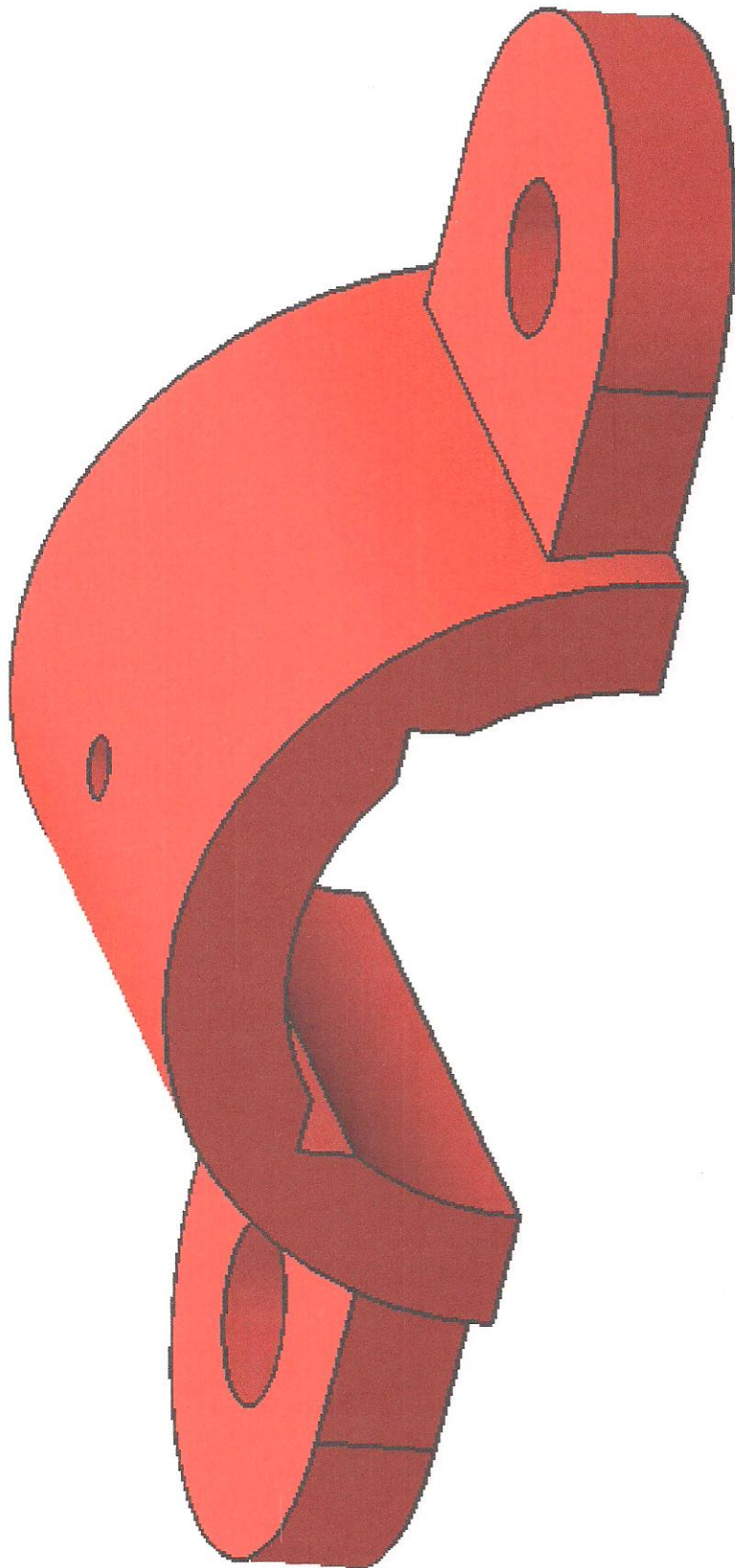


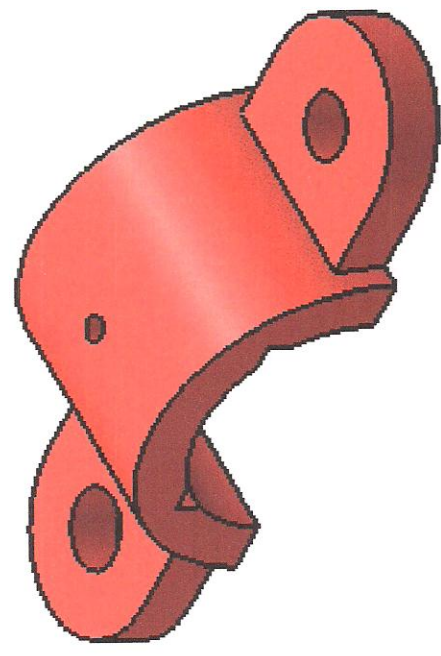
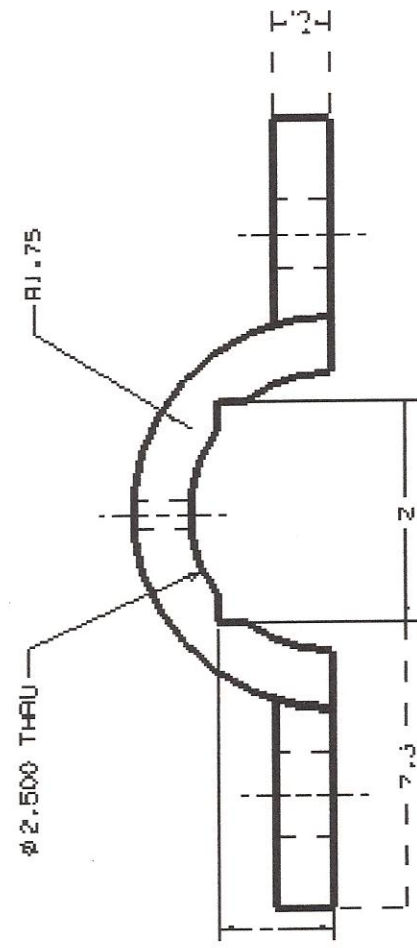
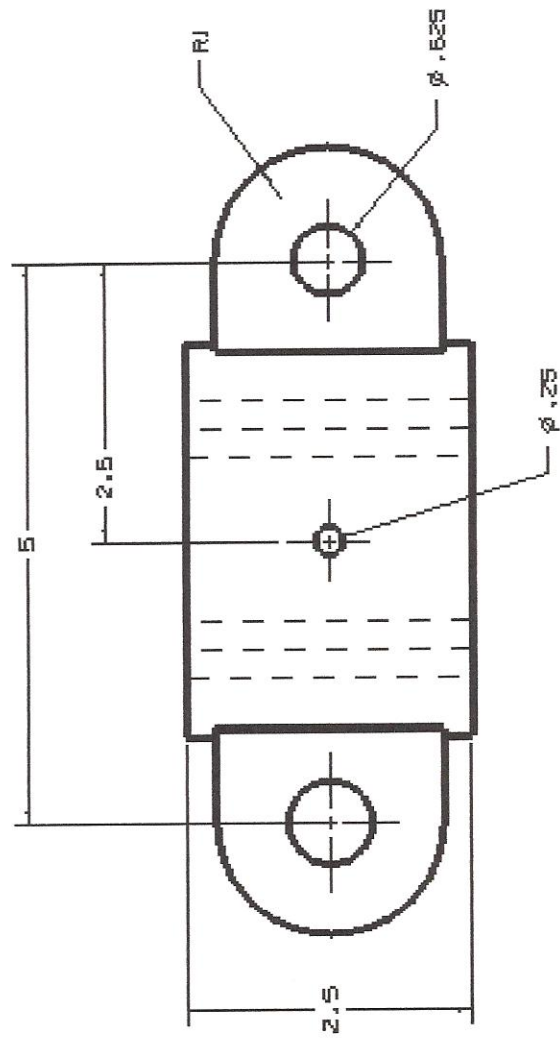


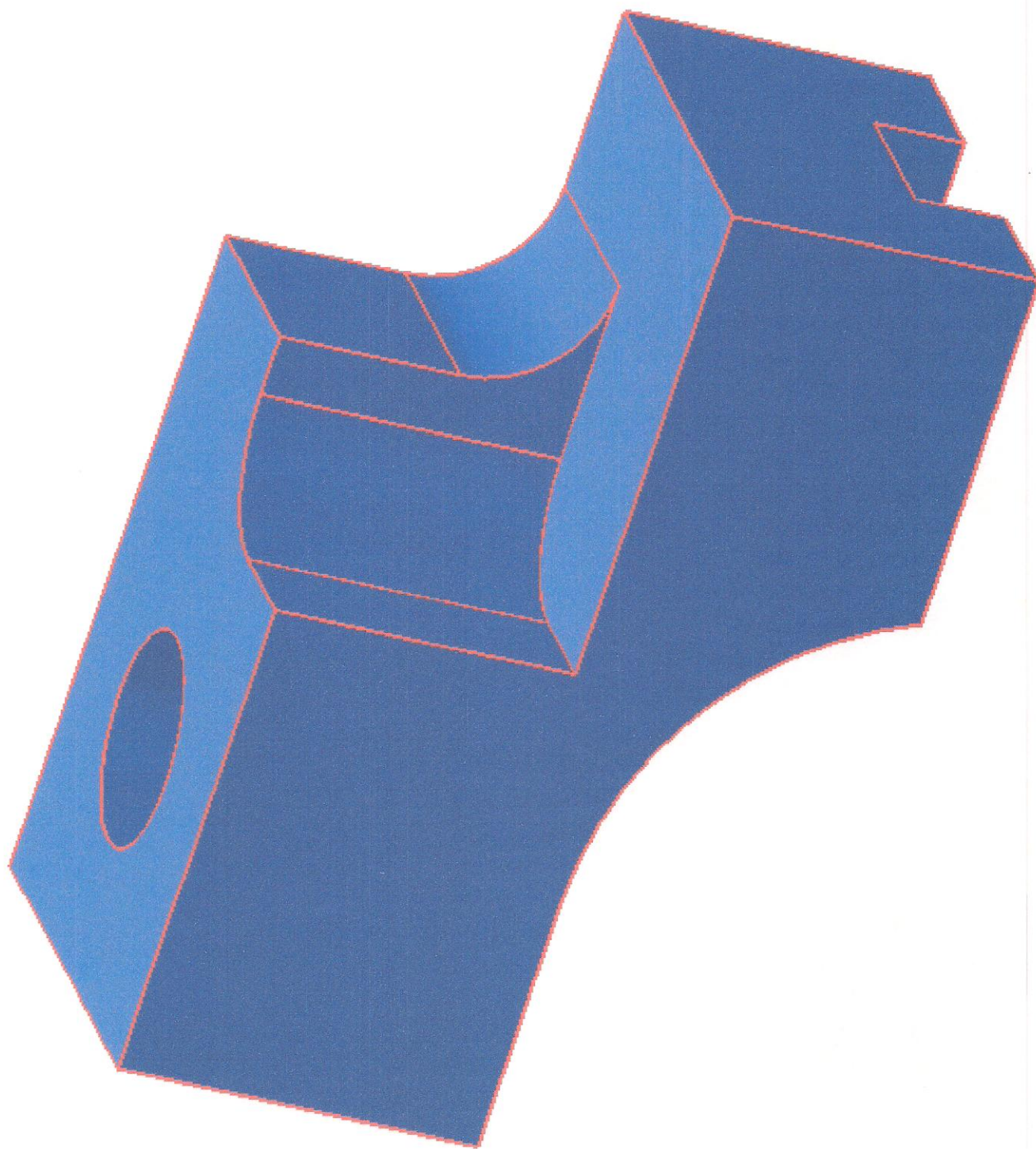
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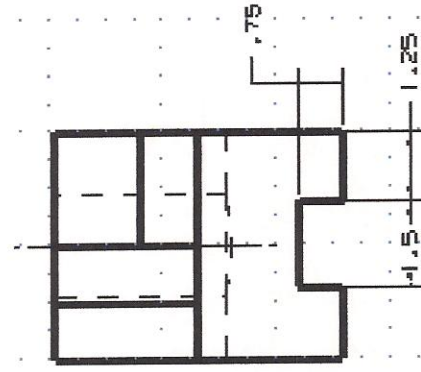
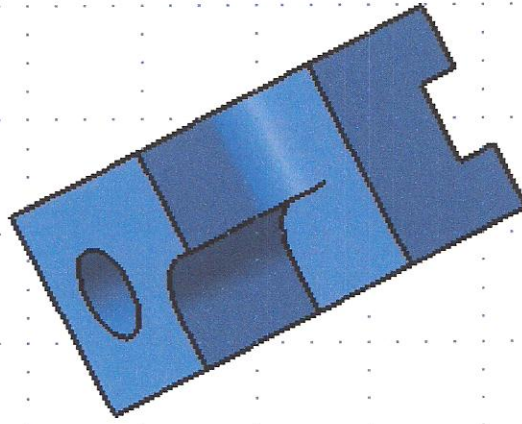
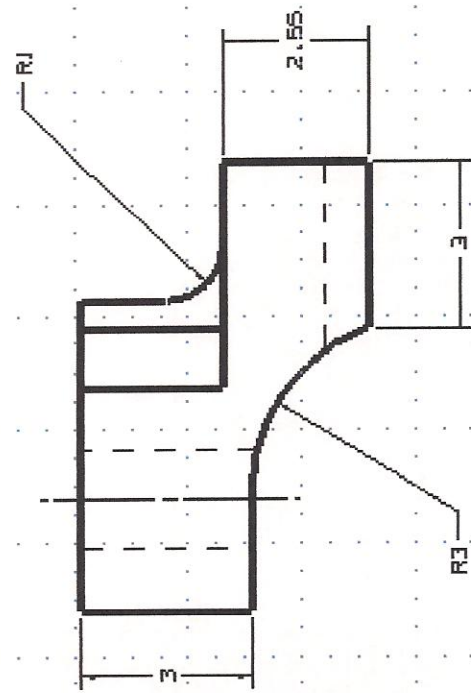
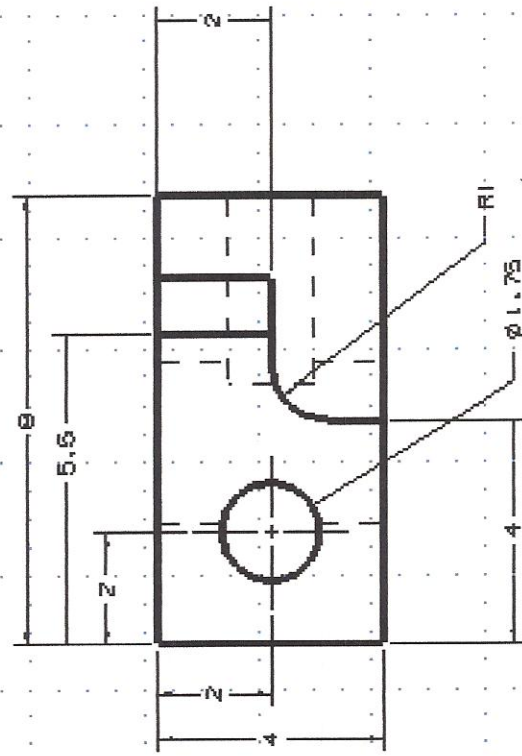
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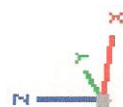
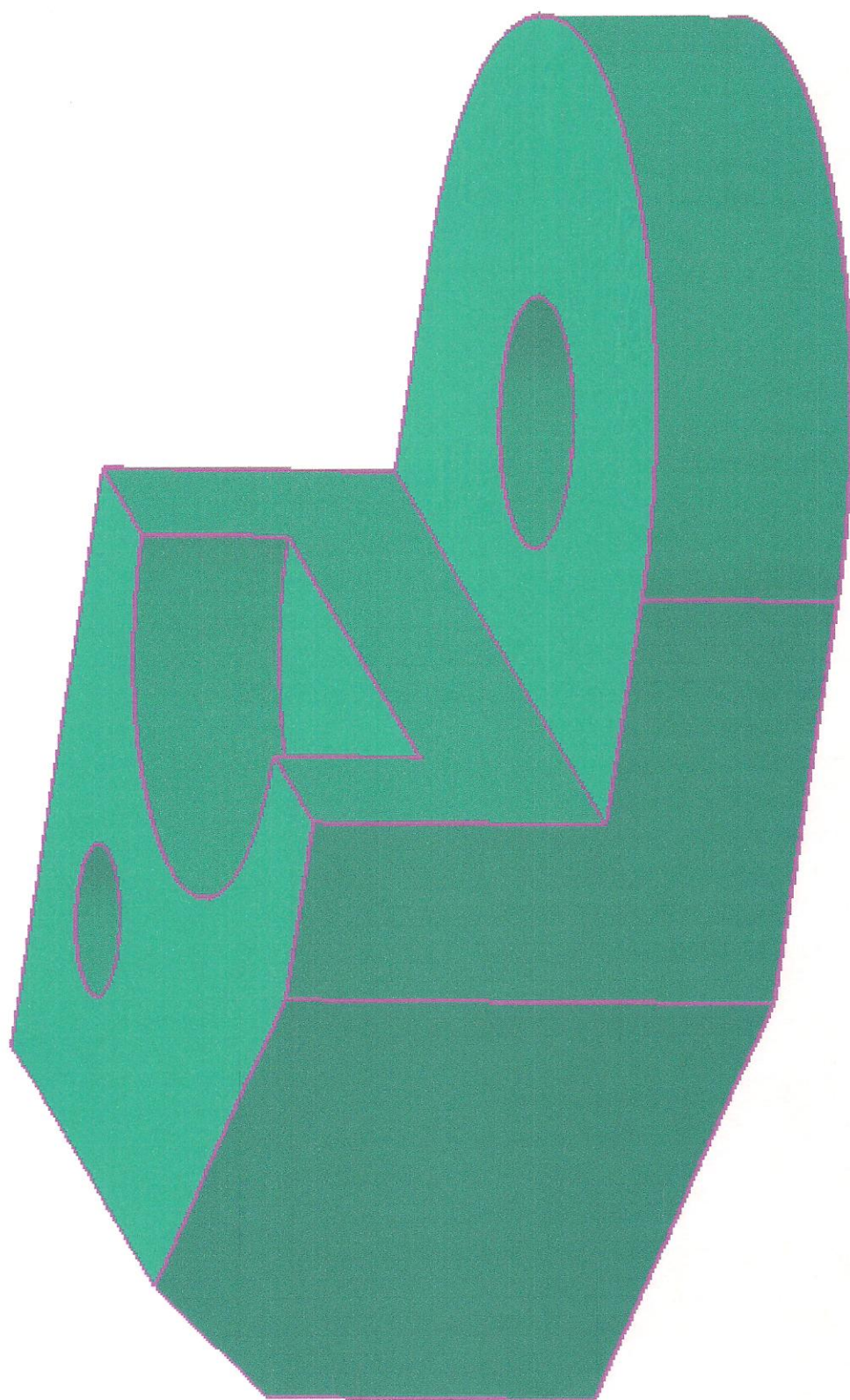


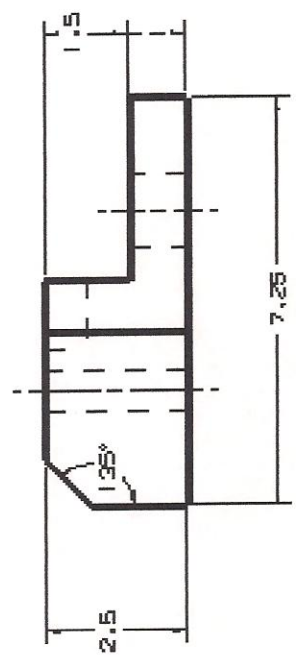
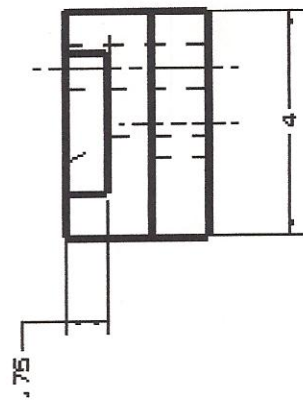
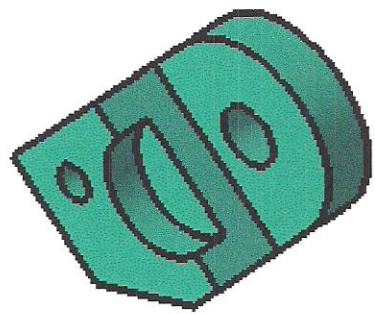
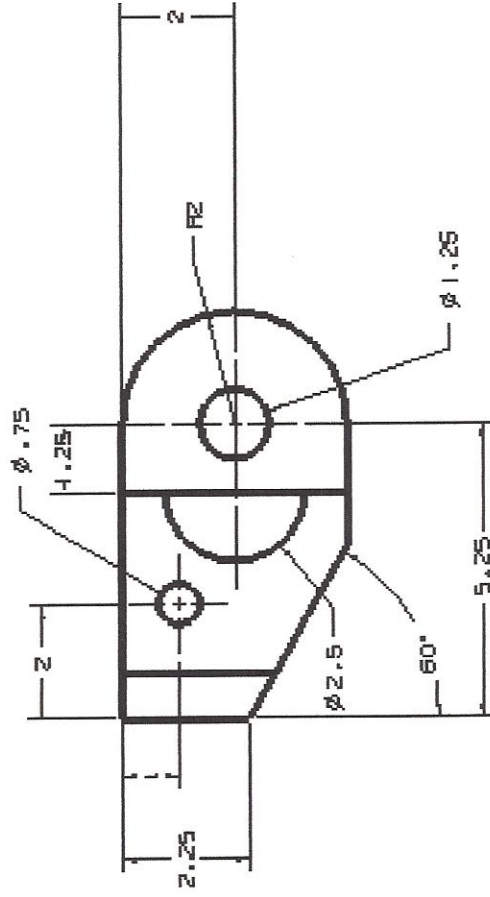






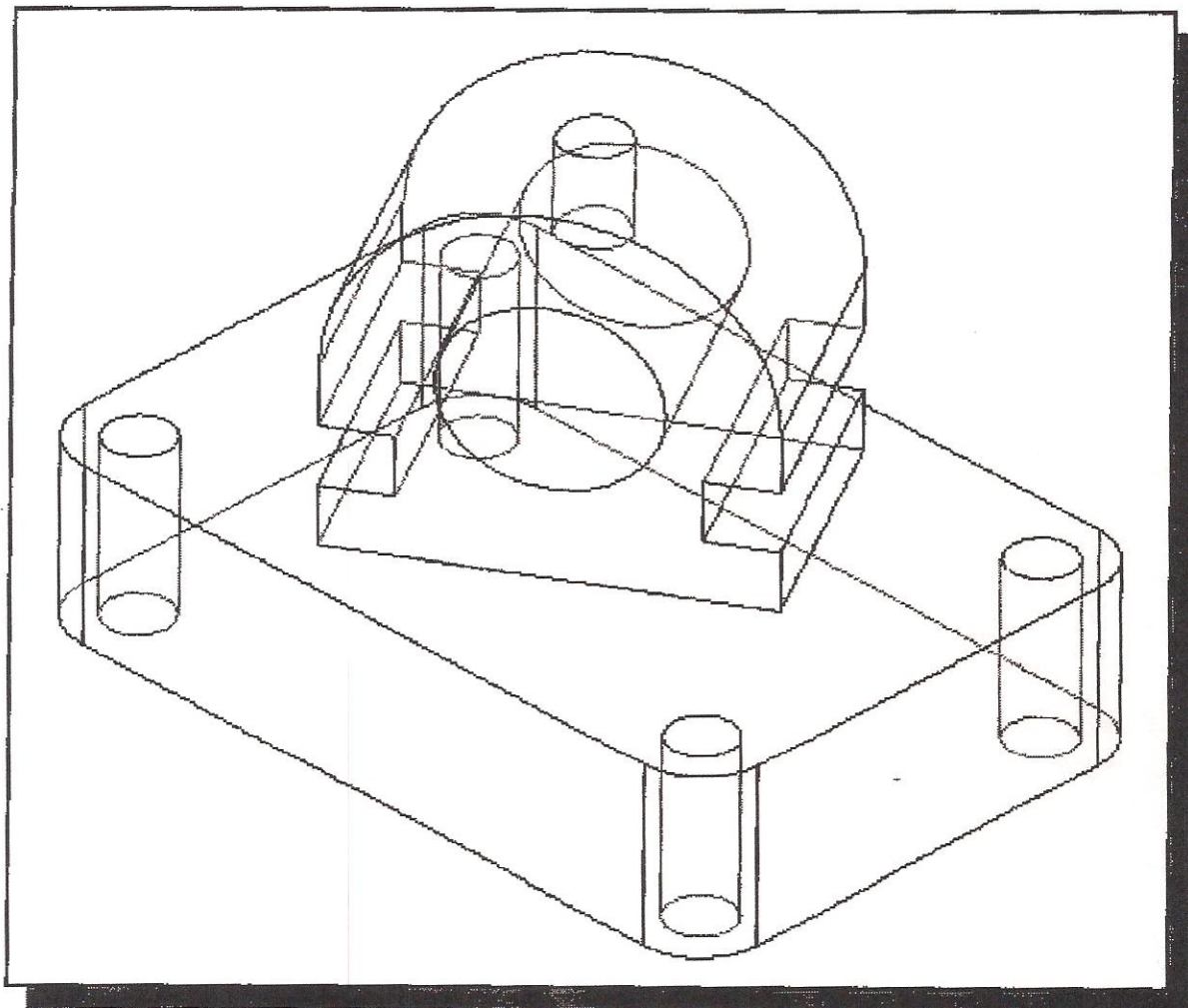




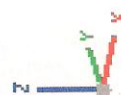
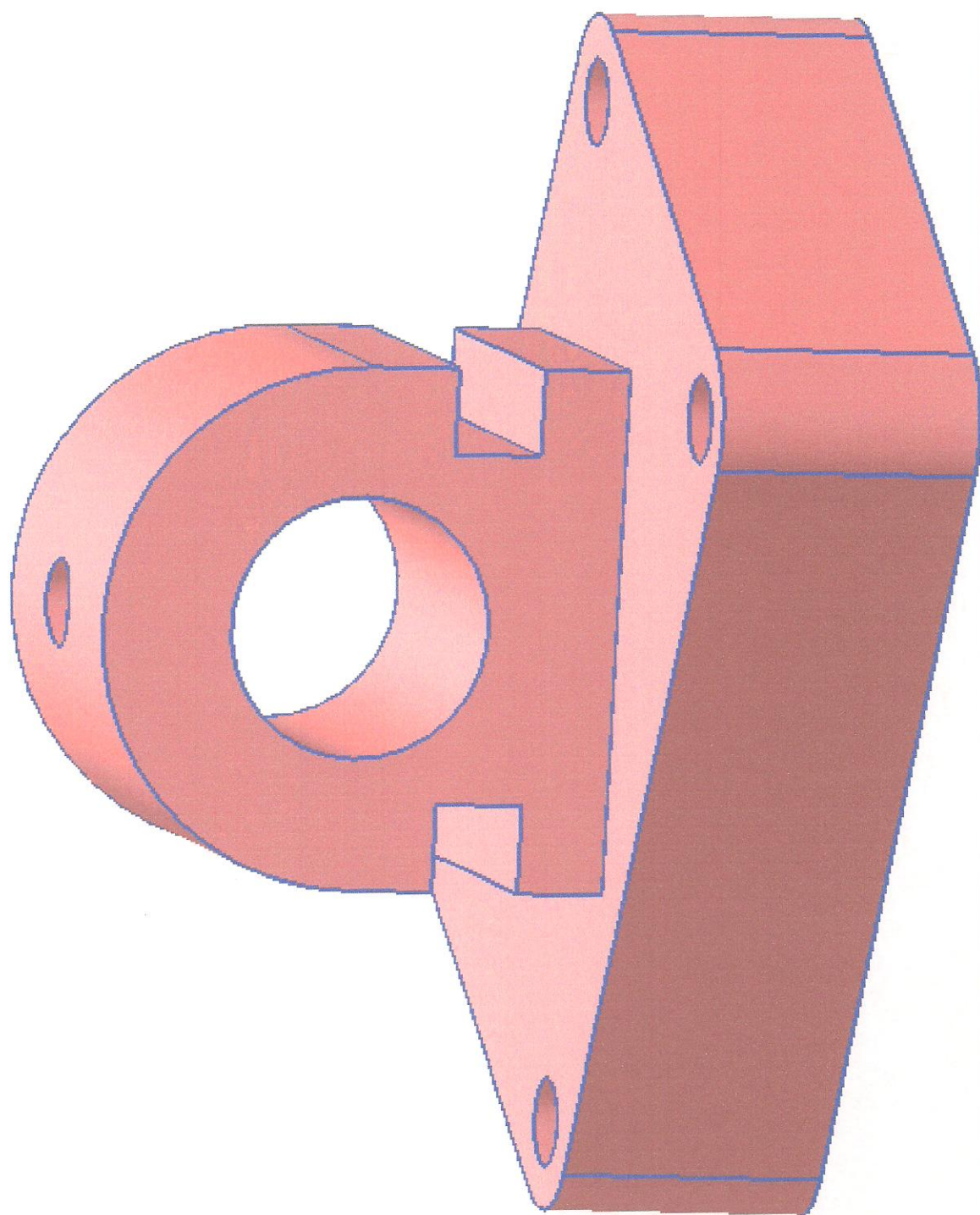


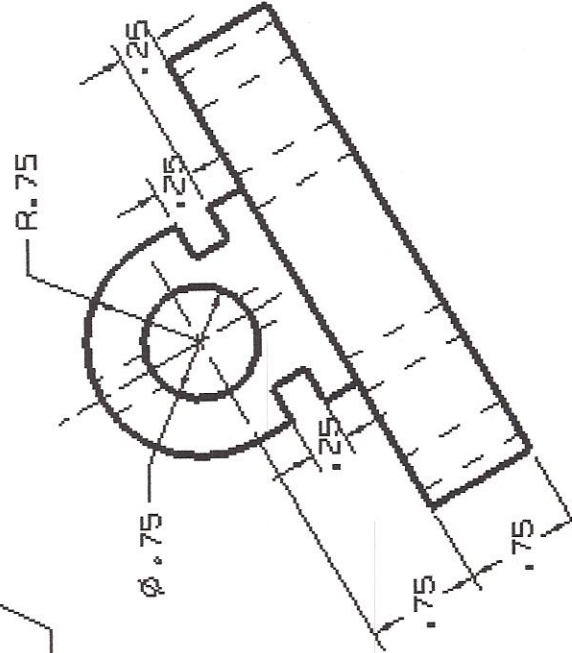
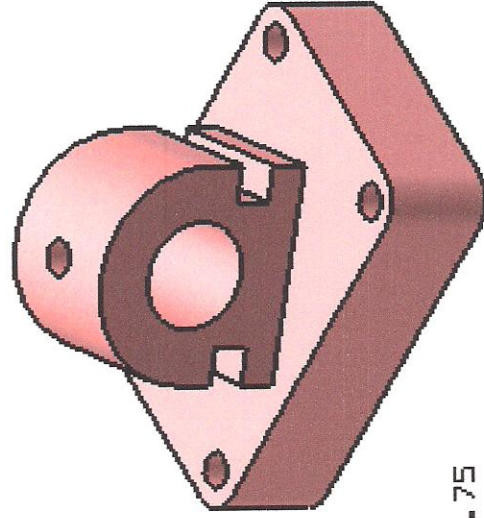
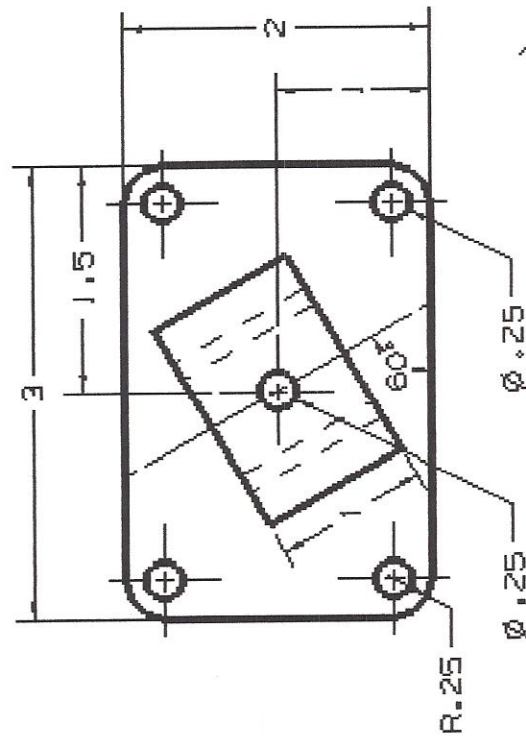
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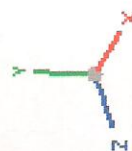
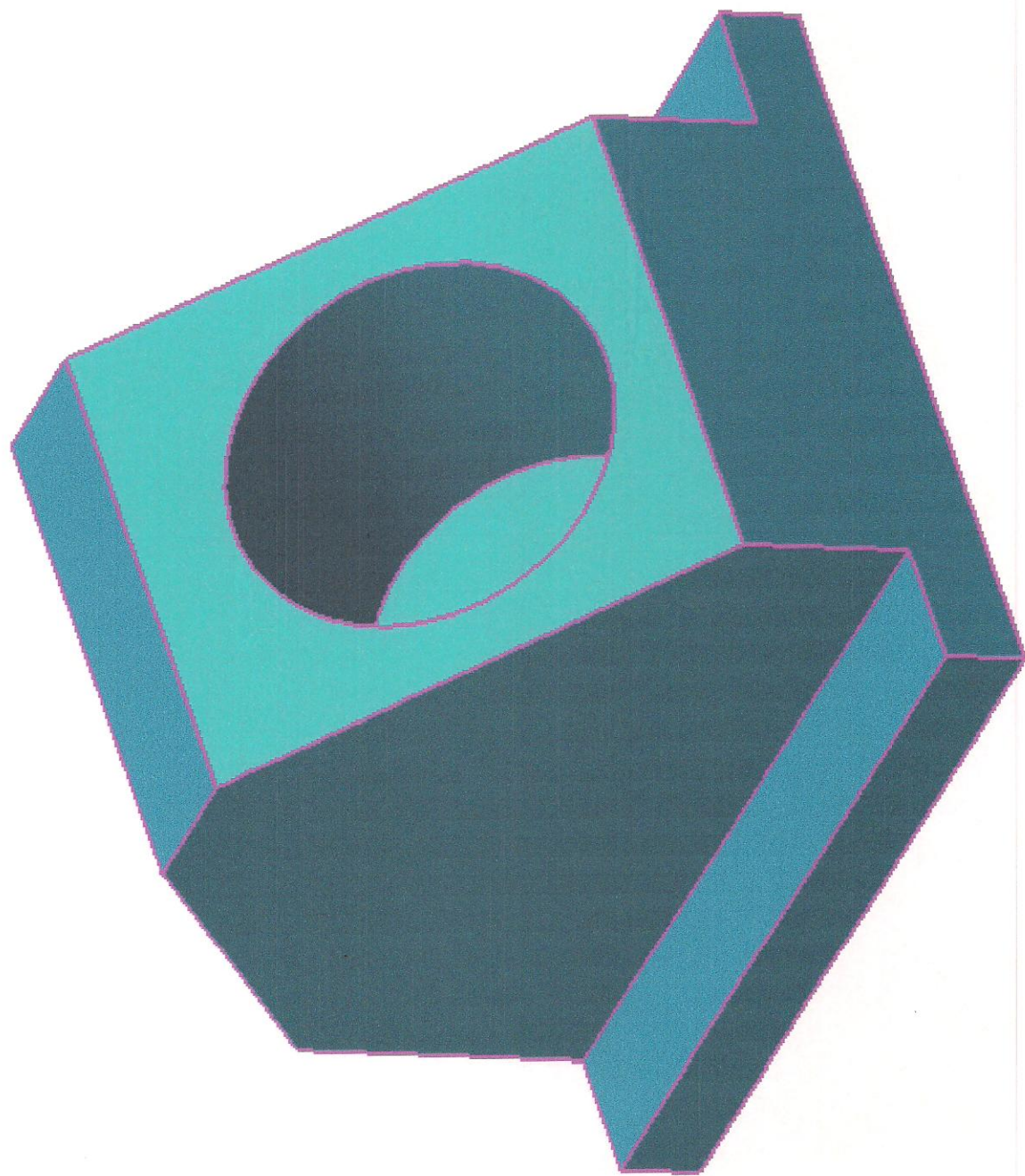


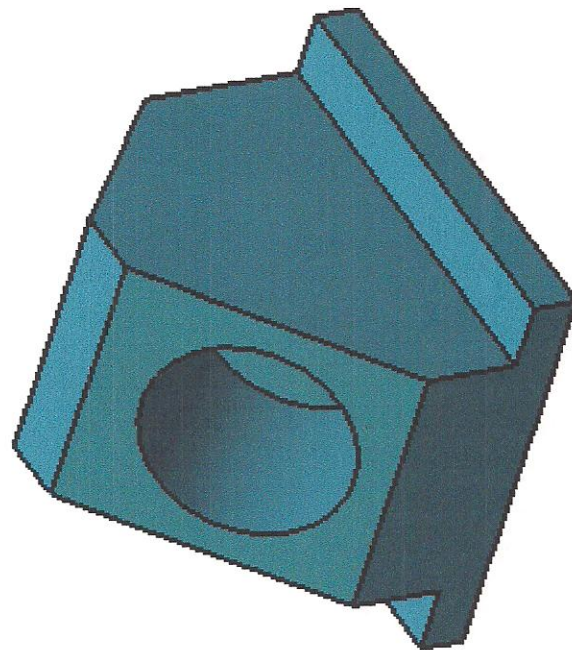
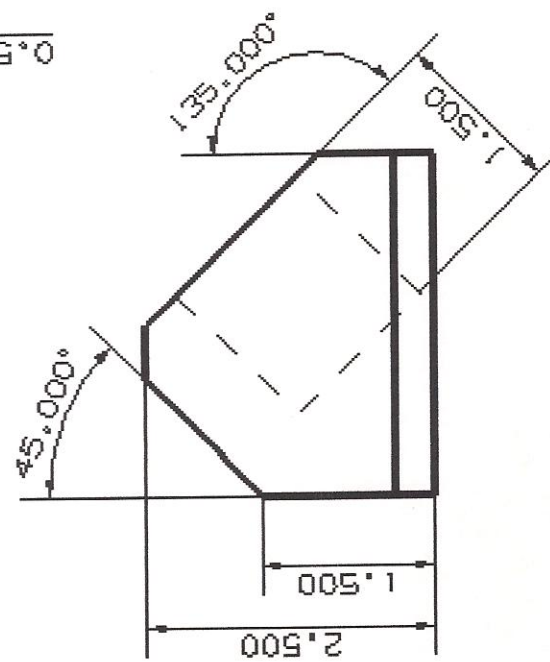
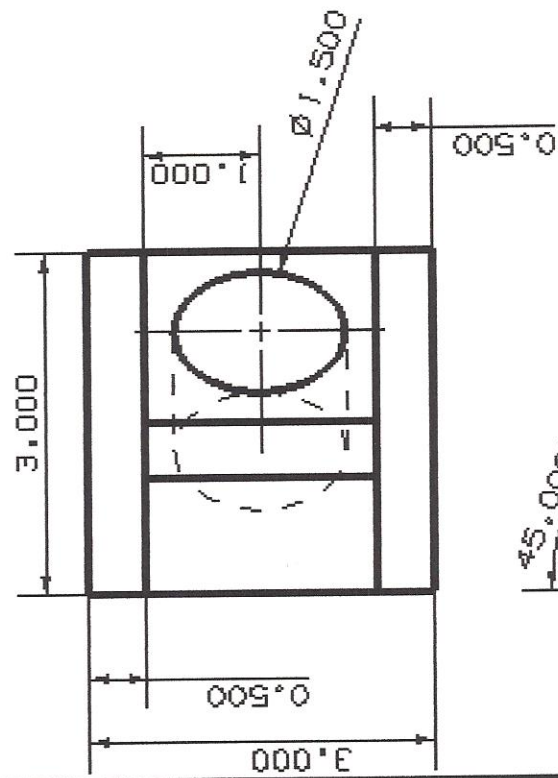
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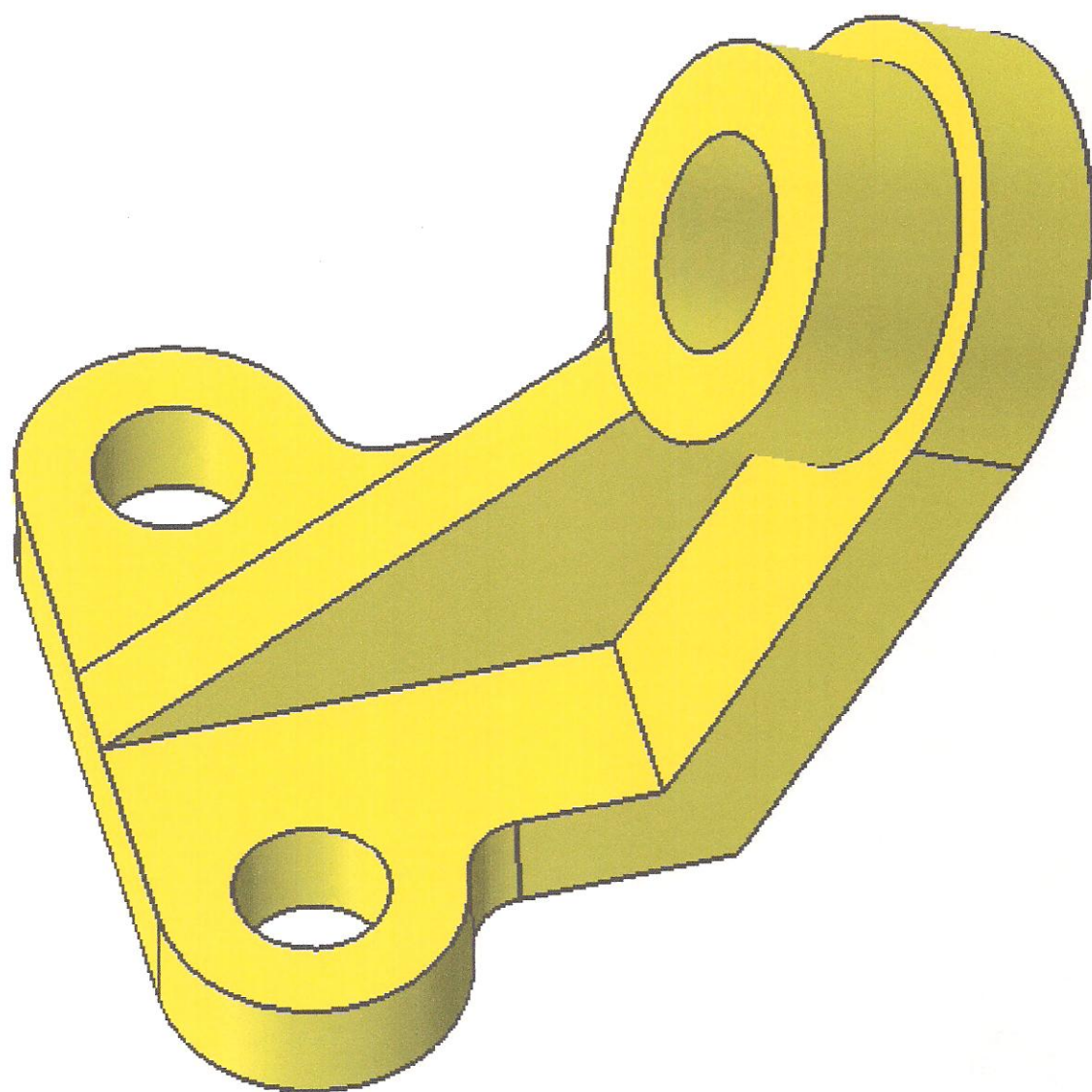


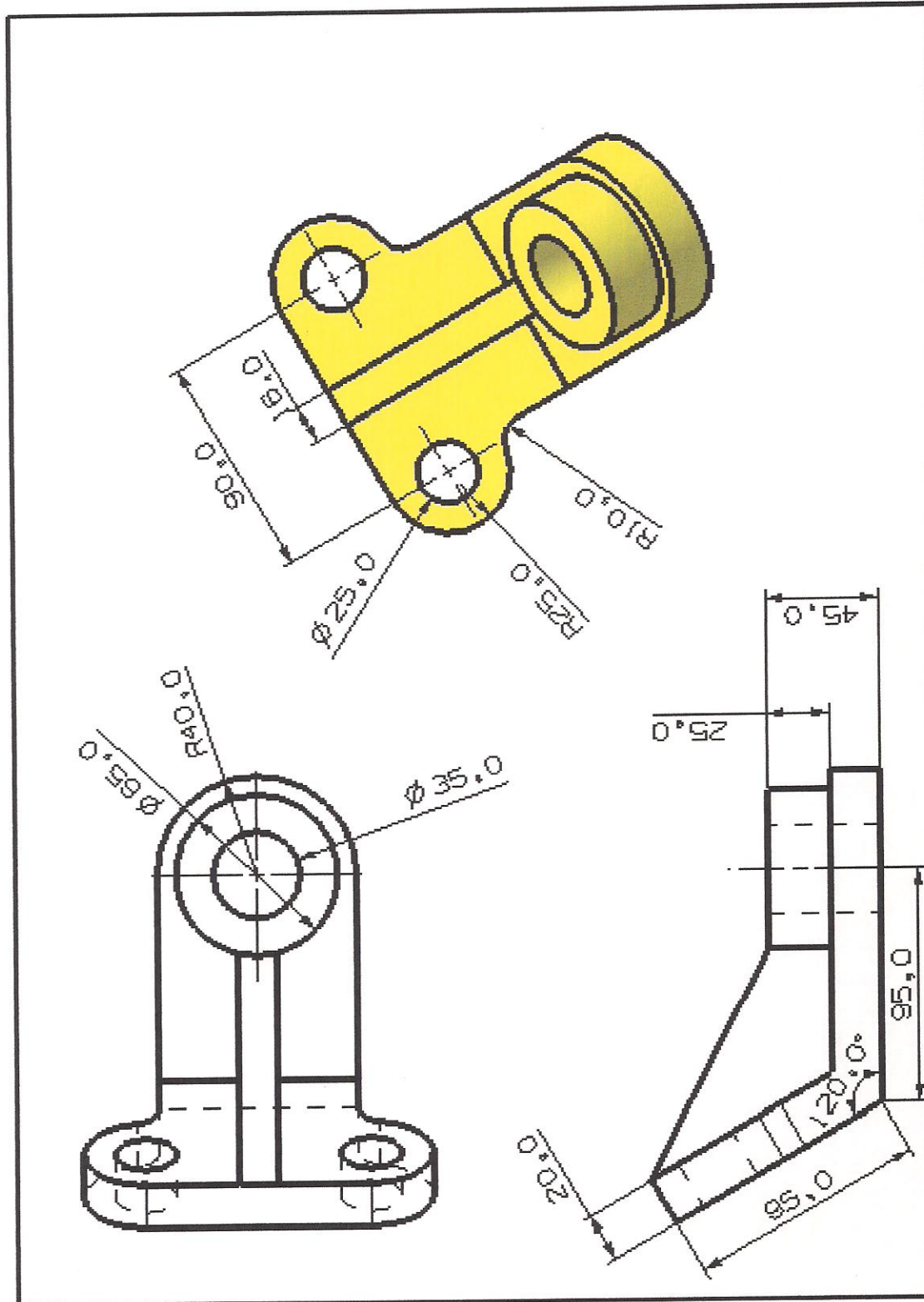
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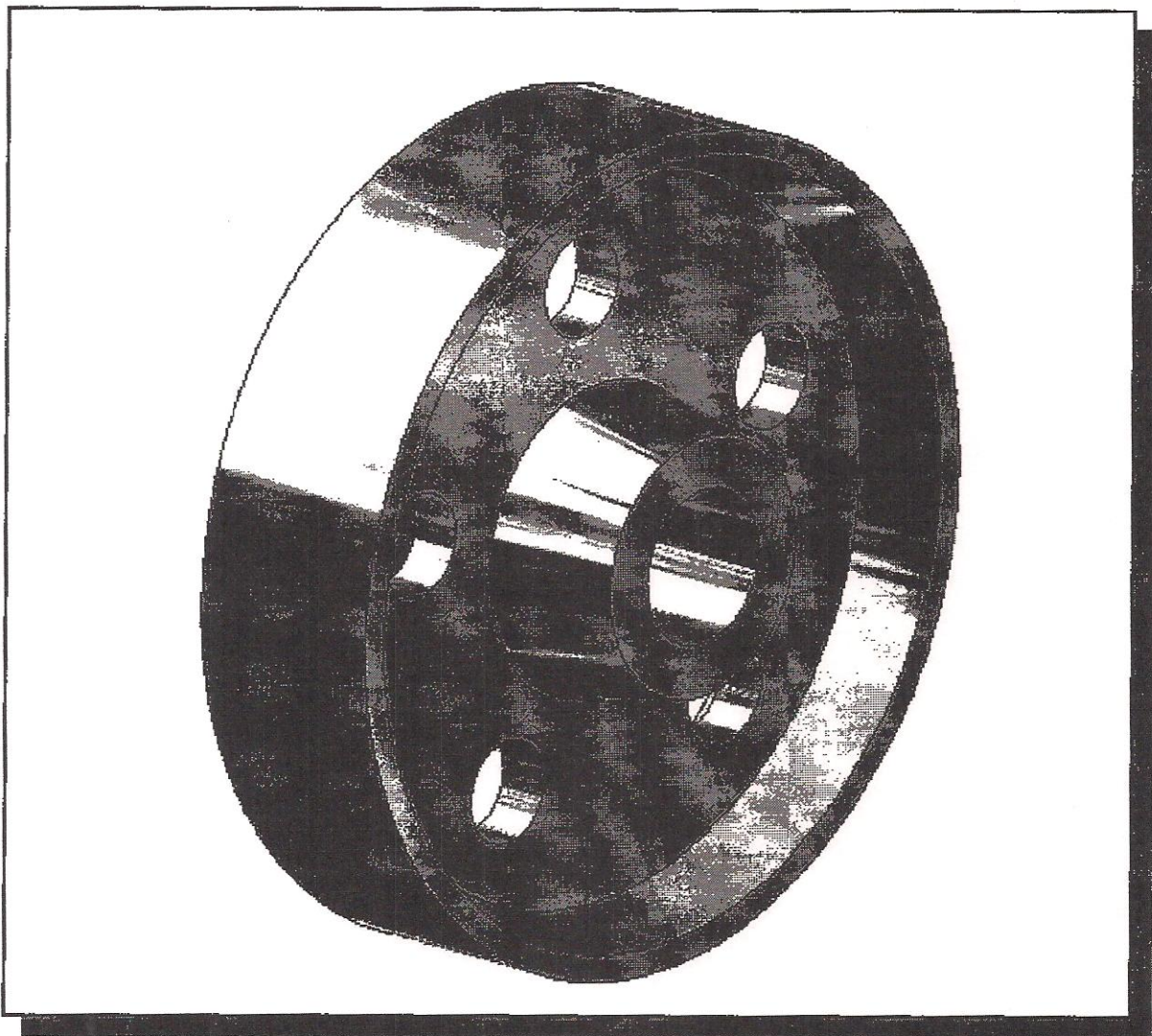


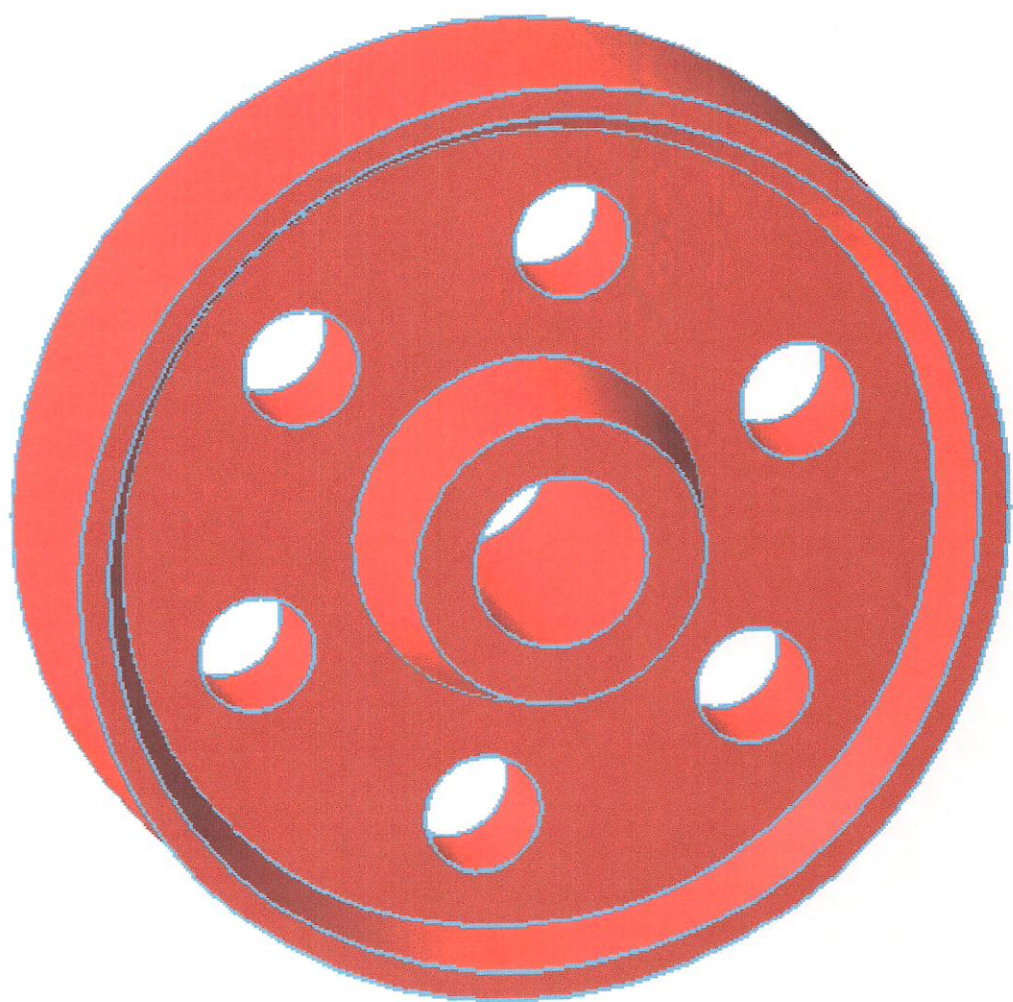


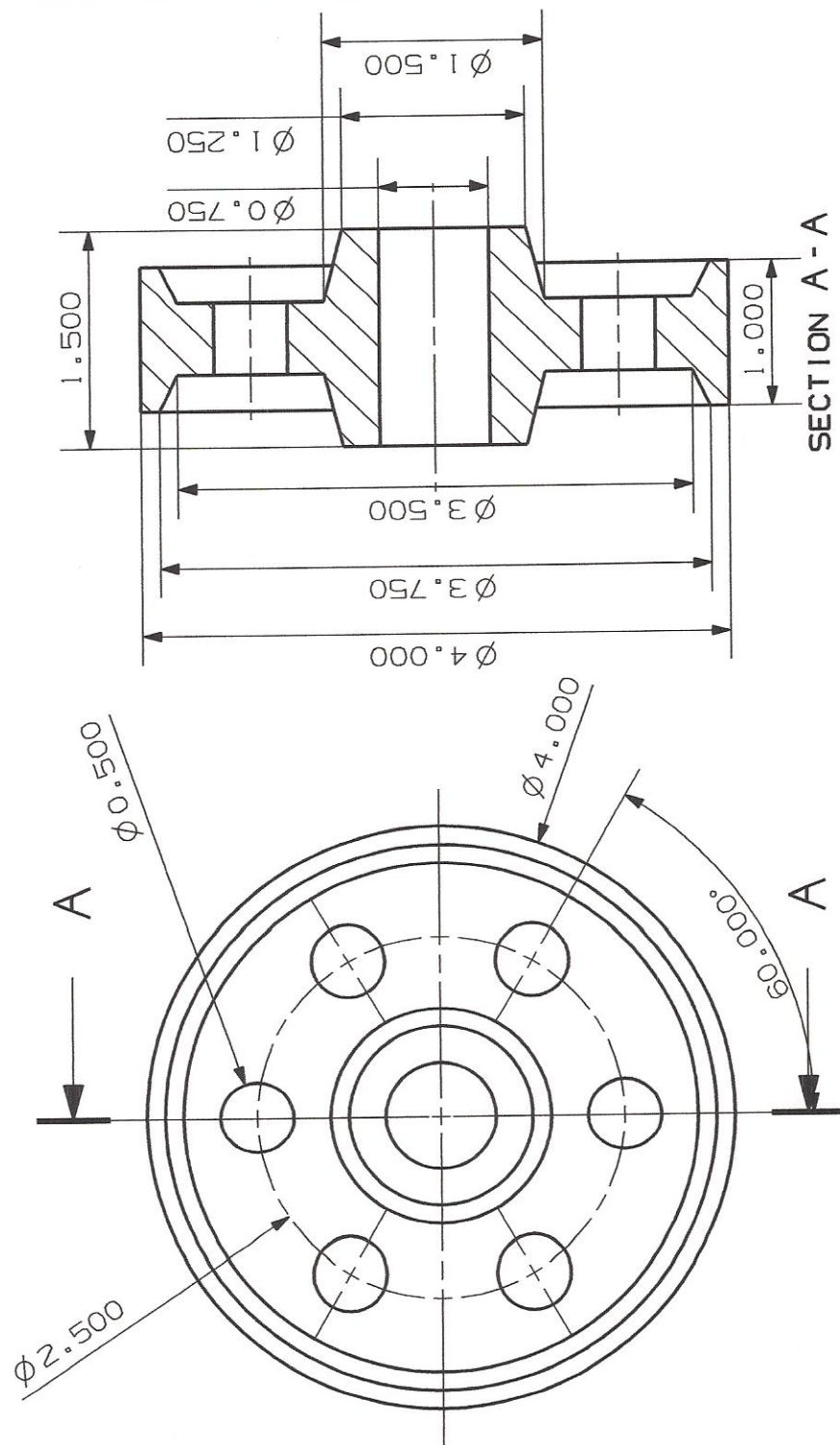
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CHAPTER 9

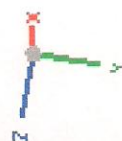
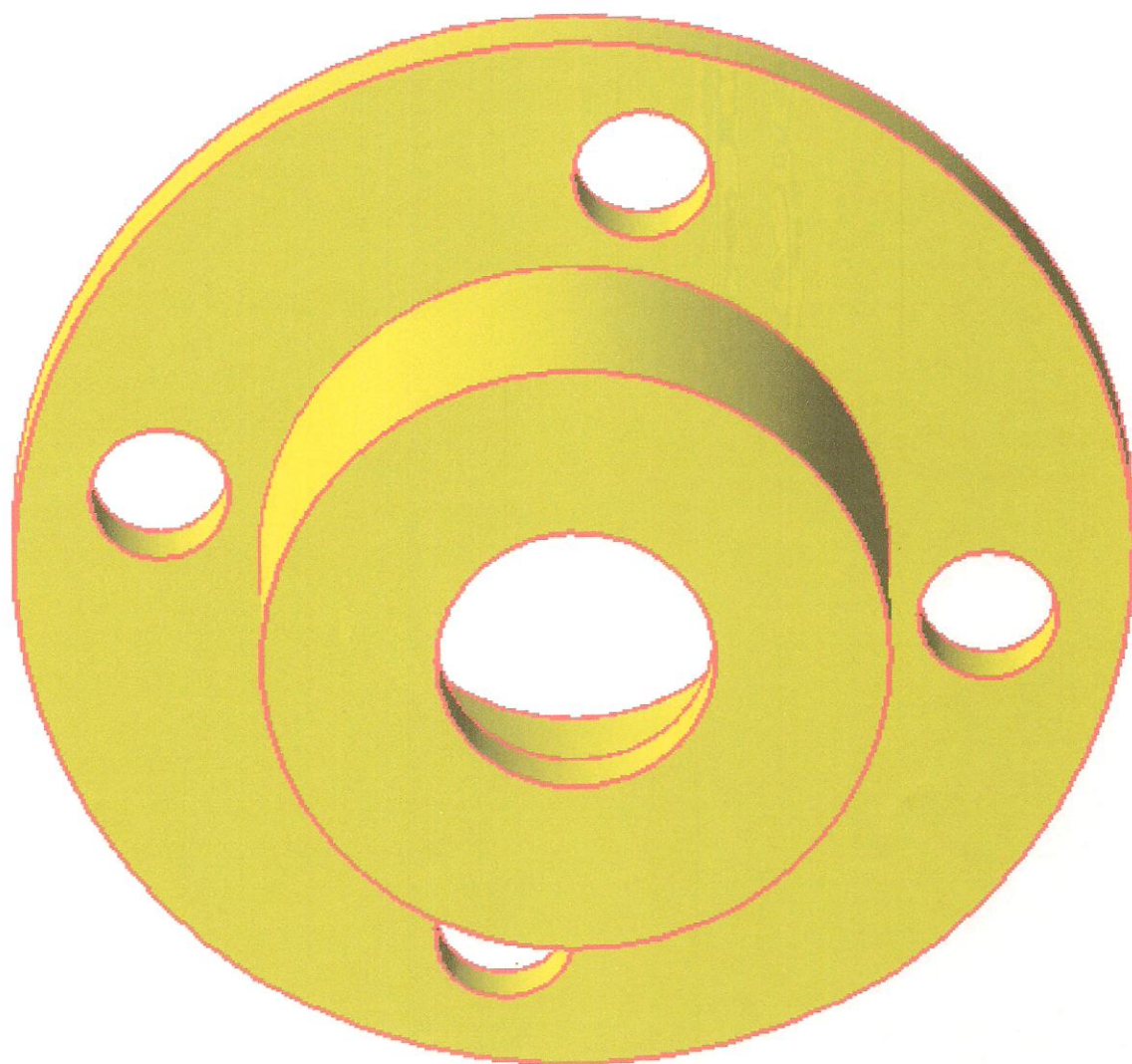
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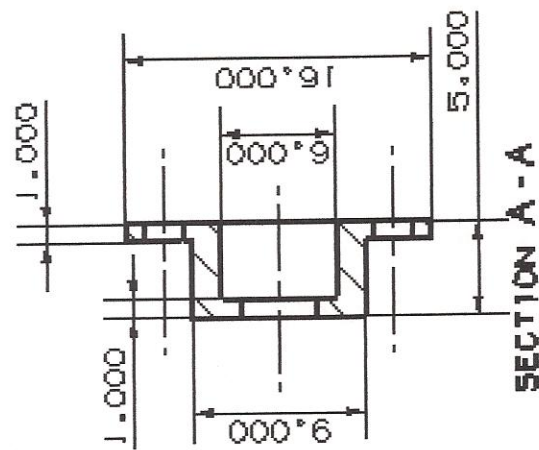
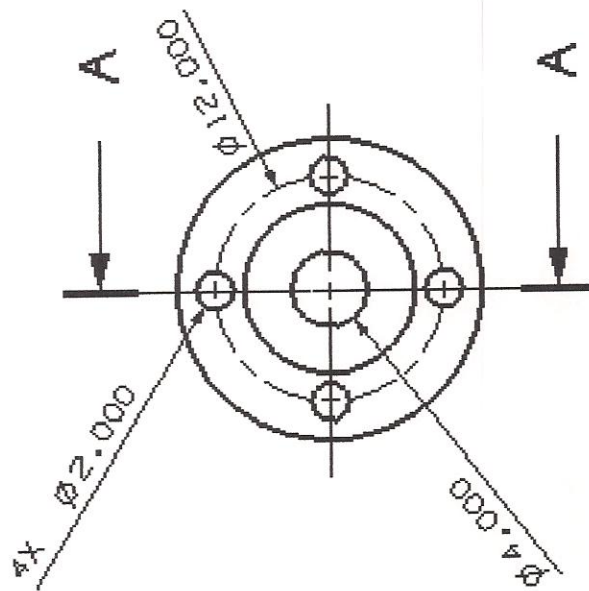
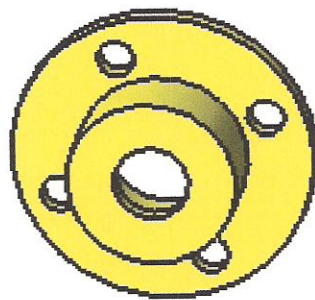




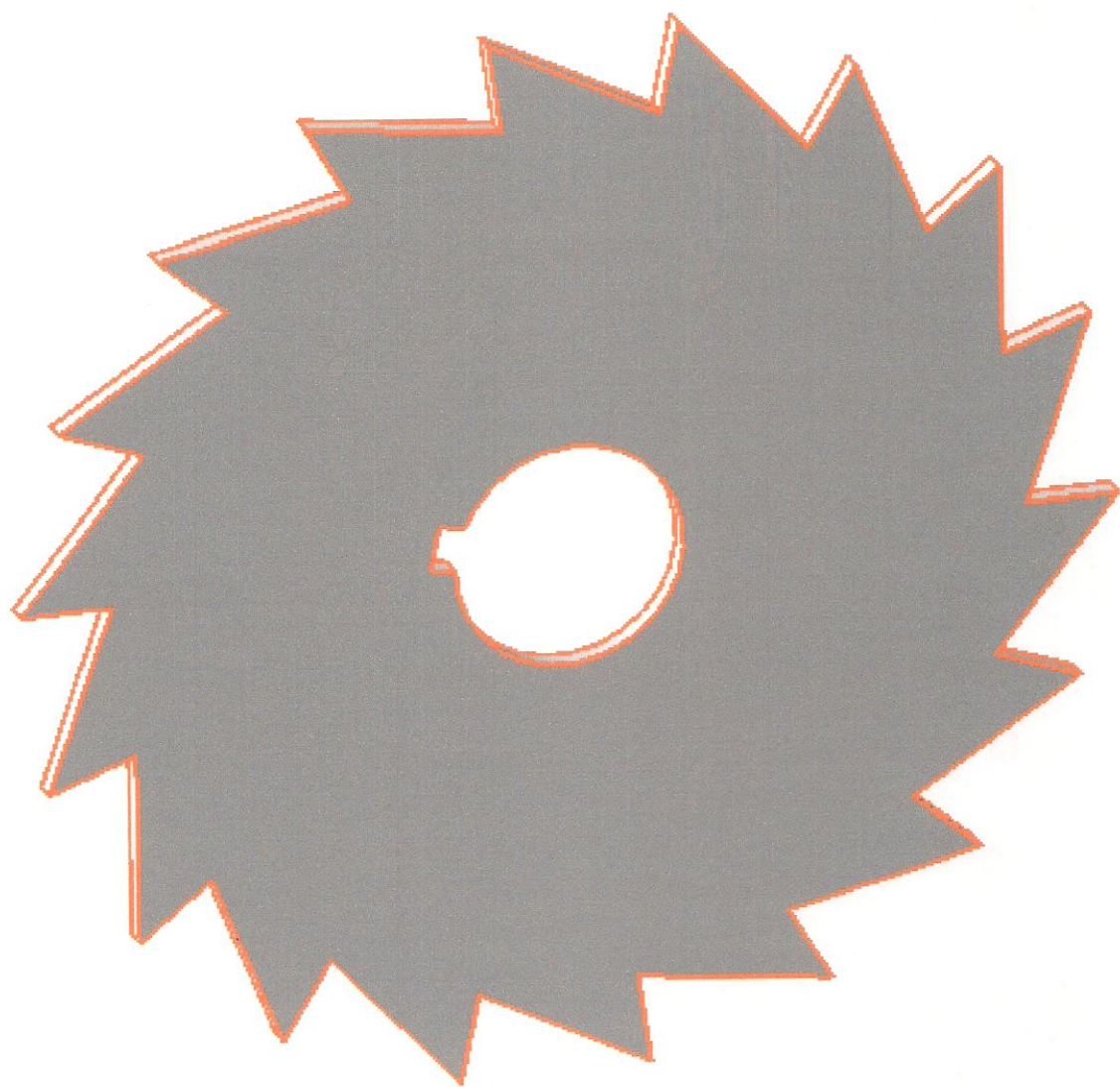


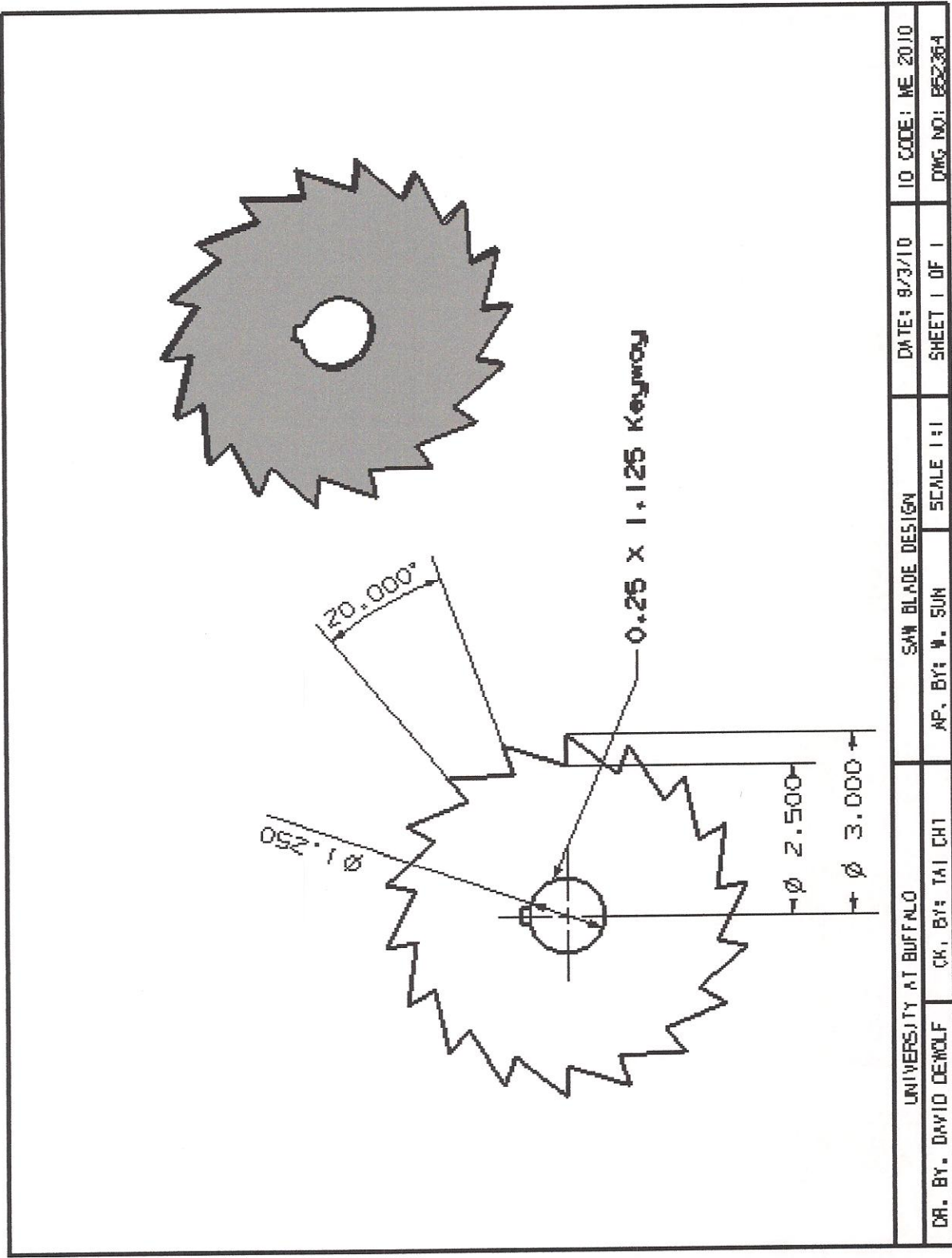
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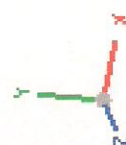
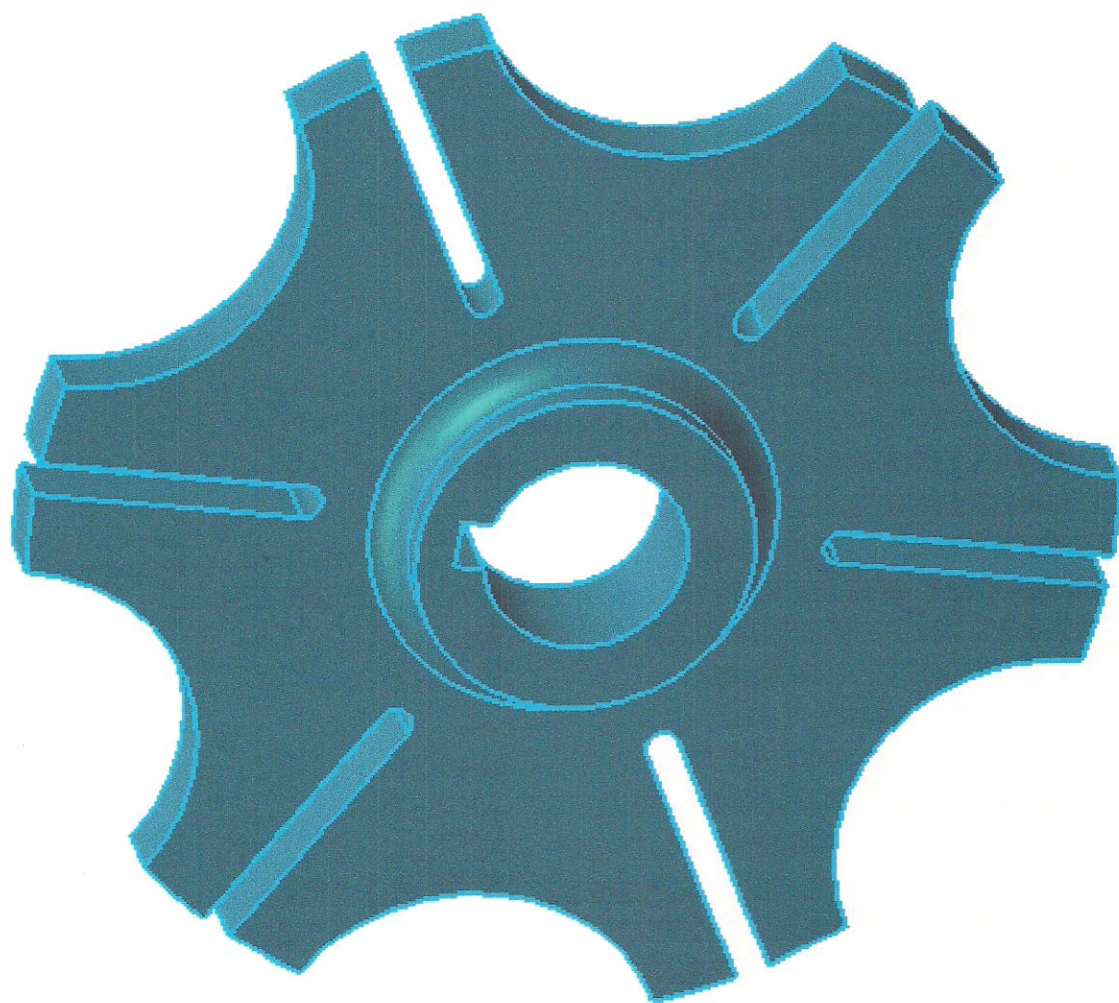


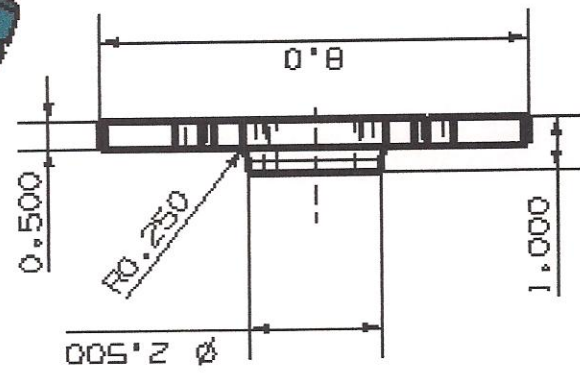
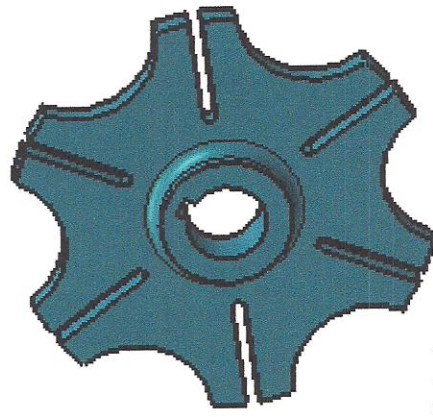
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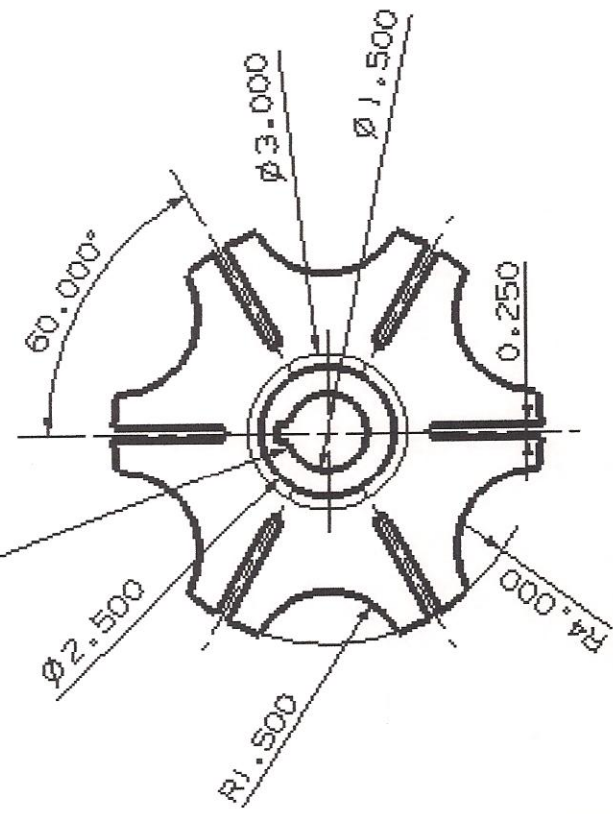


UNIVERSITY AT BUFFALO		SAW BLADE DESIGN		DATE: 9/3/10	IO CODE: ME 2010
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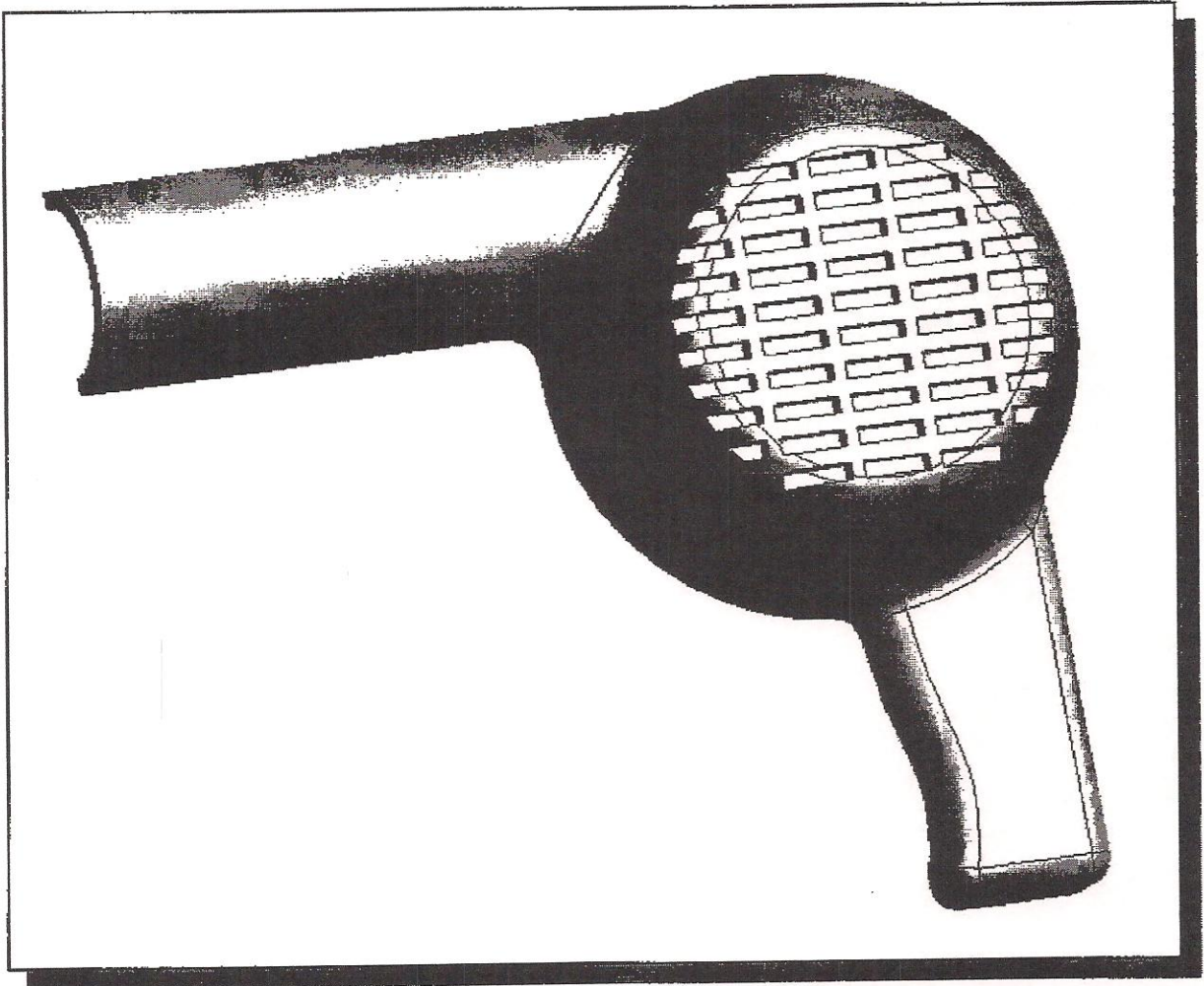
KEYWAY .30 x .20

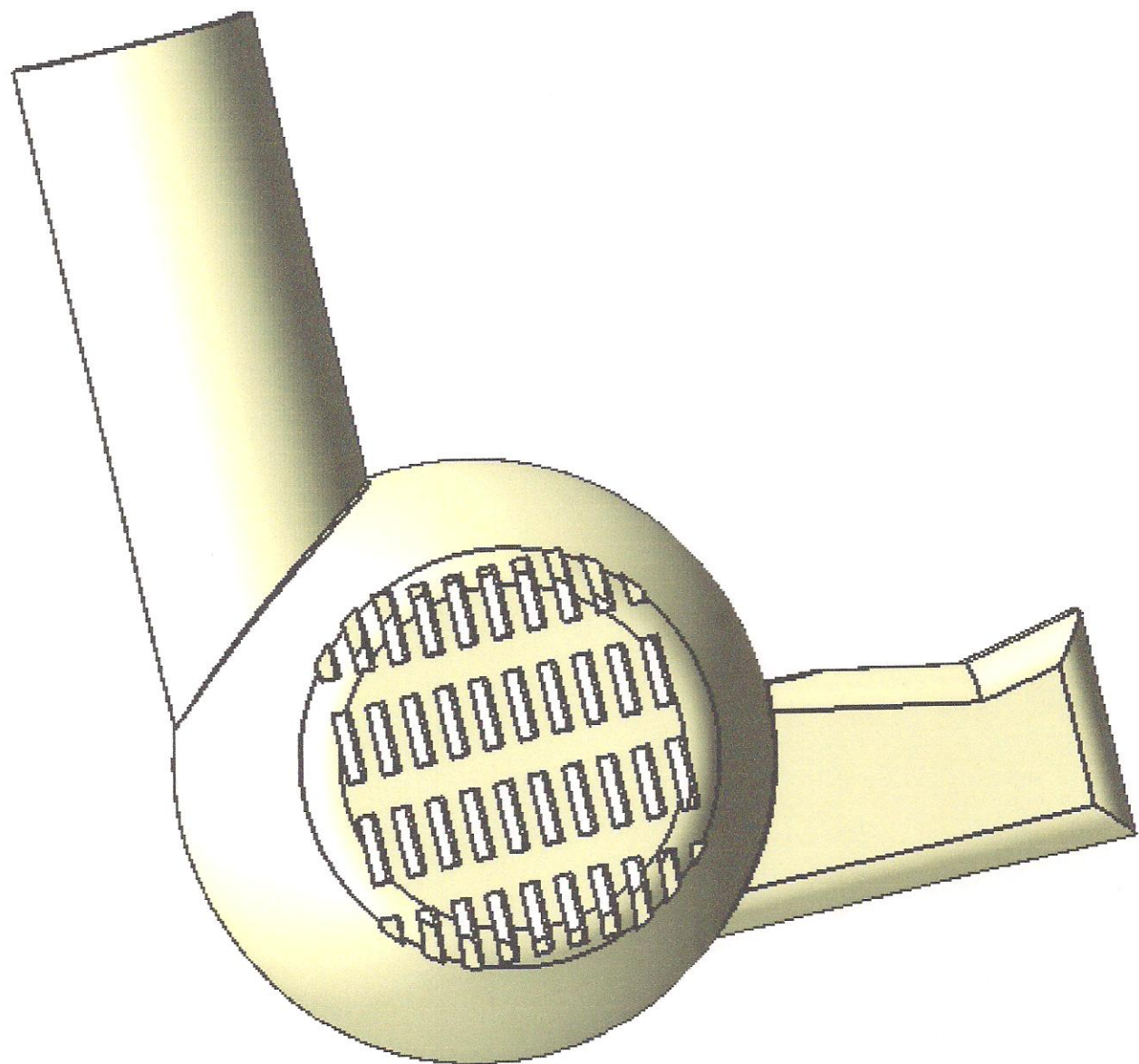


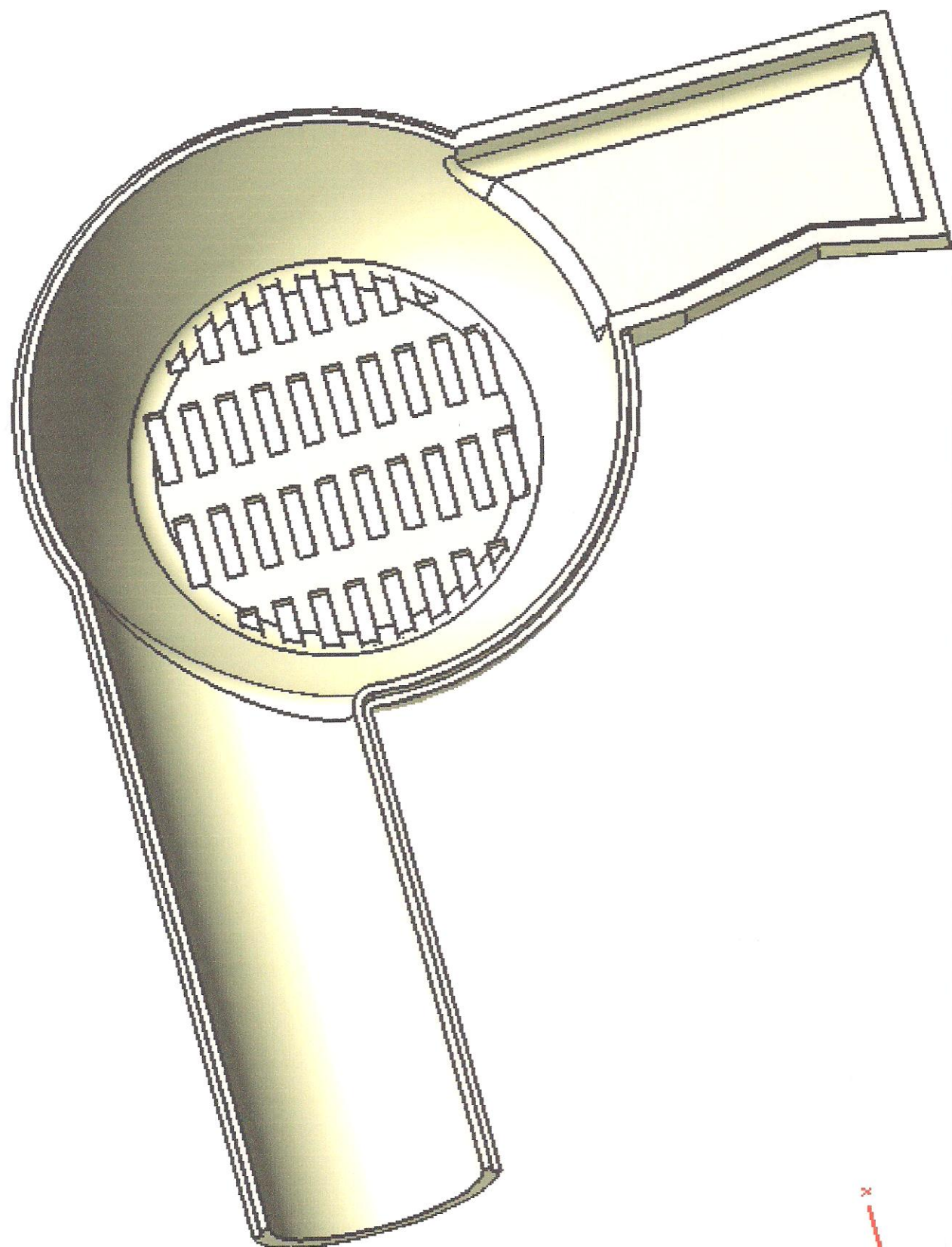
UNIVERSITY AT BUFFALO		GENEVA CAM DESIGN		DATE: 9/3/10	IO CODE: ME 2010
DR. BY: DAVID DEWOLF	CK, BY: TAI CHI	AP, BY: W. SUN	SCALE 1:1	SHEET 1 OF 1	DWG NO: 742314

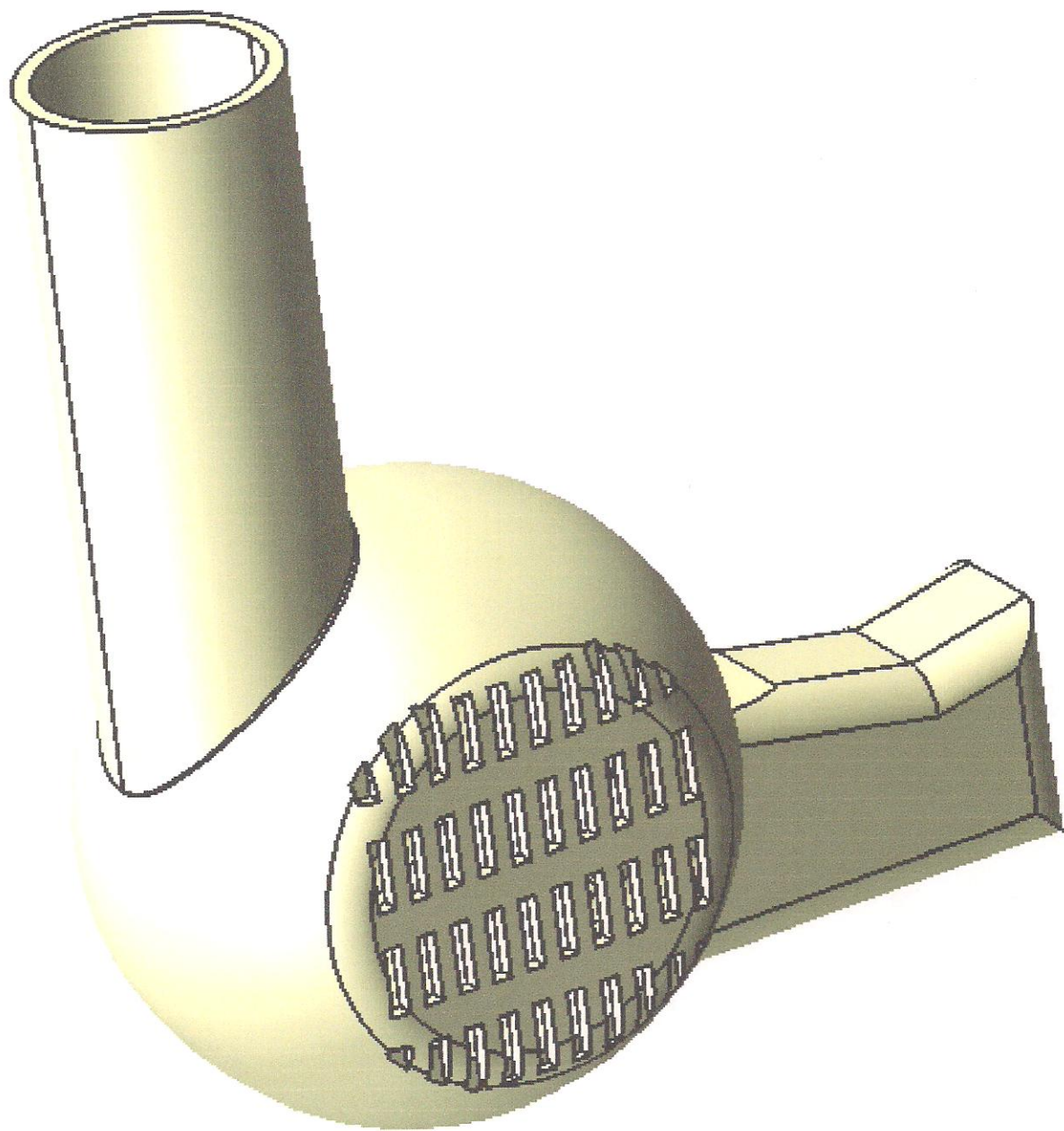
CHAPTER 10

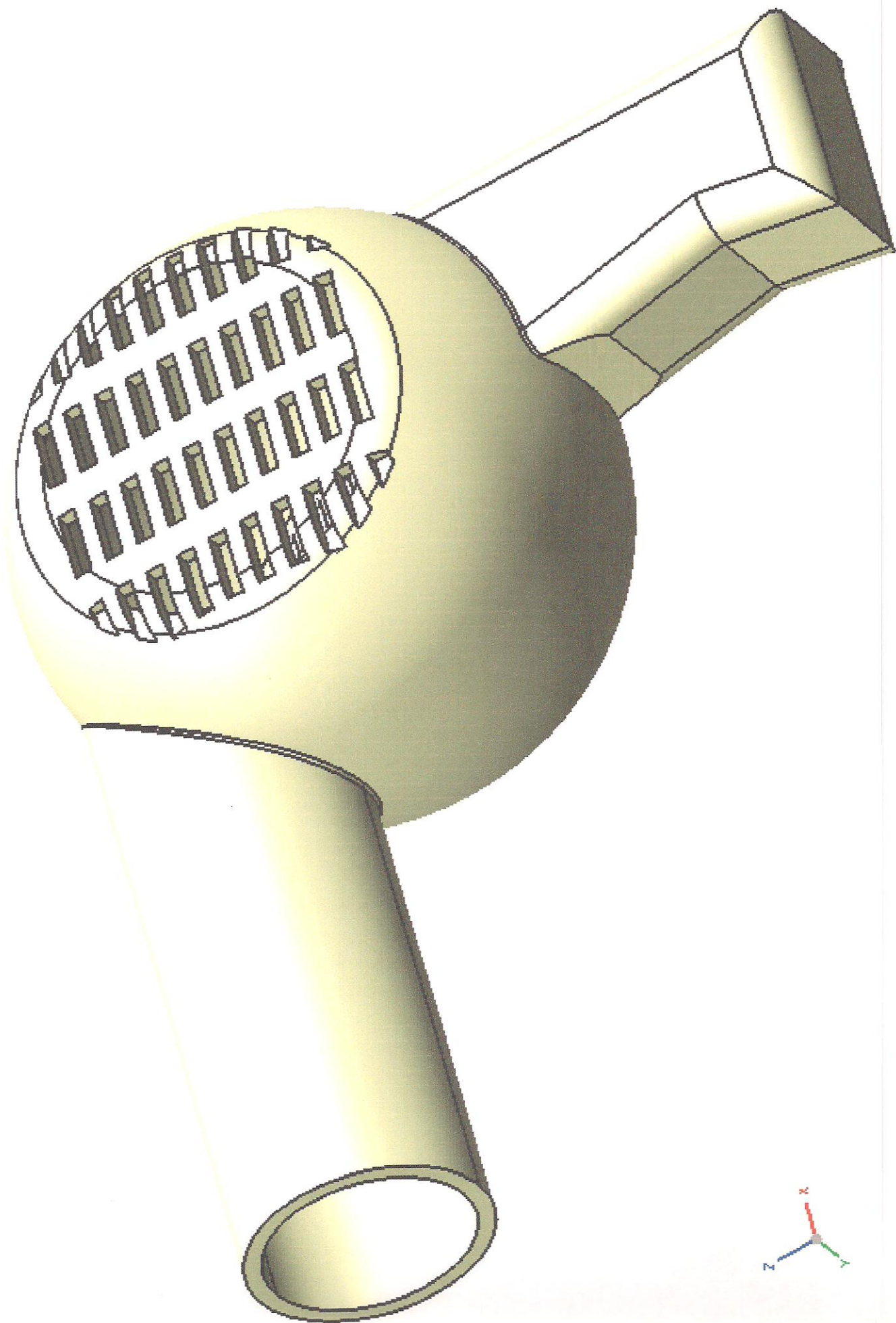
ADVANCED 3D CONSTRUCTION TOOLS

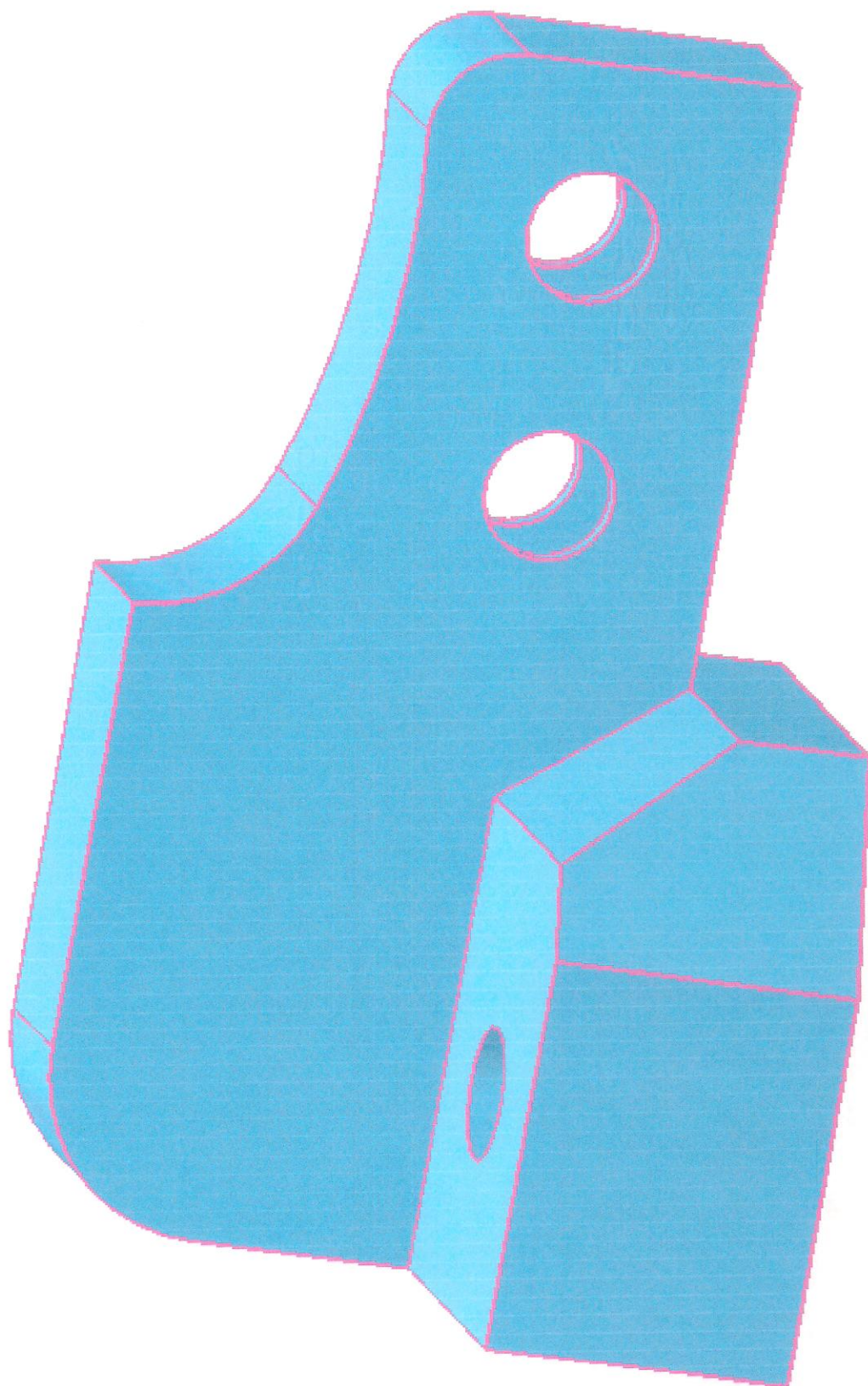


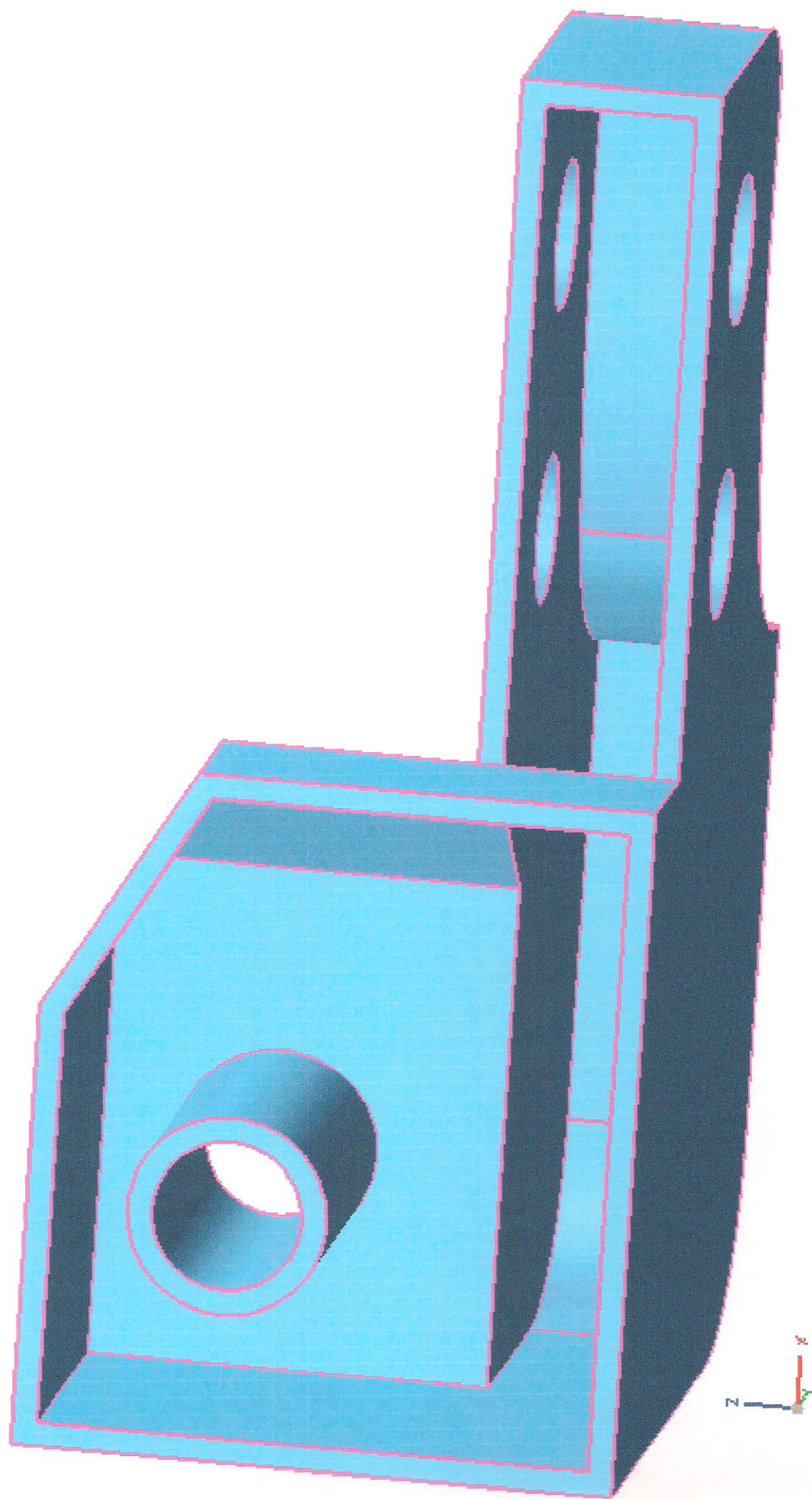


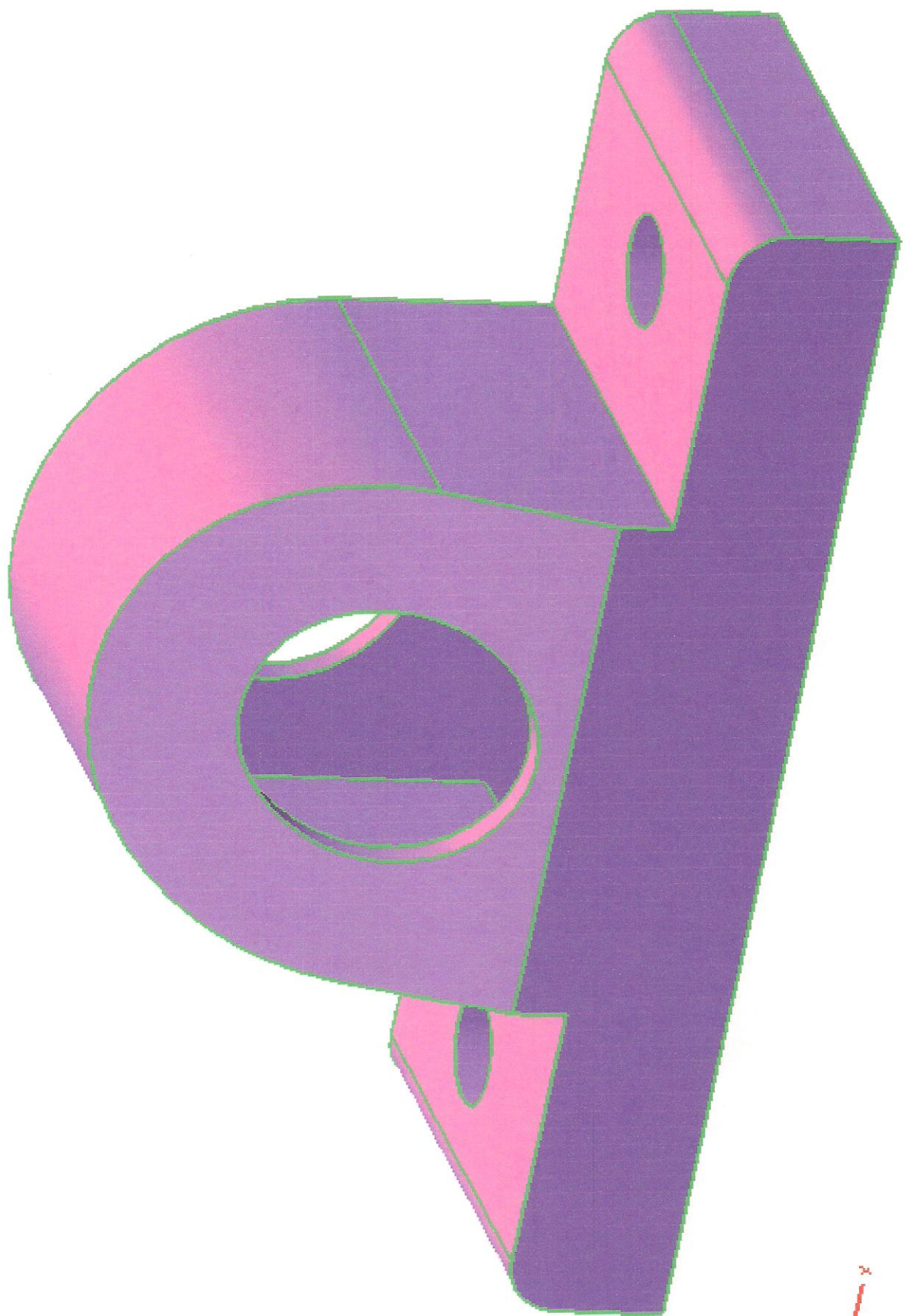


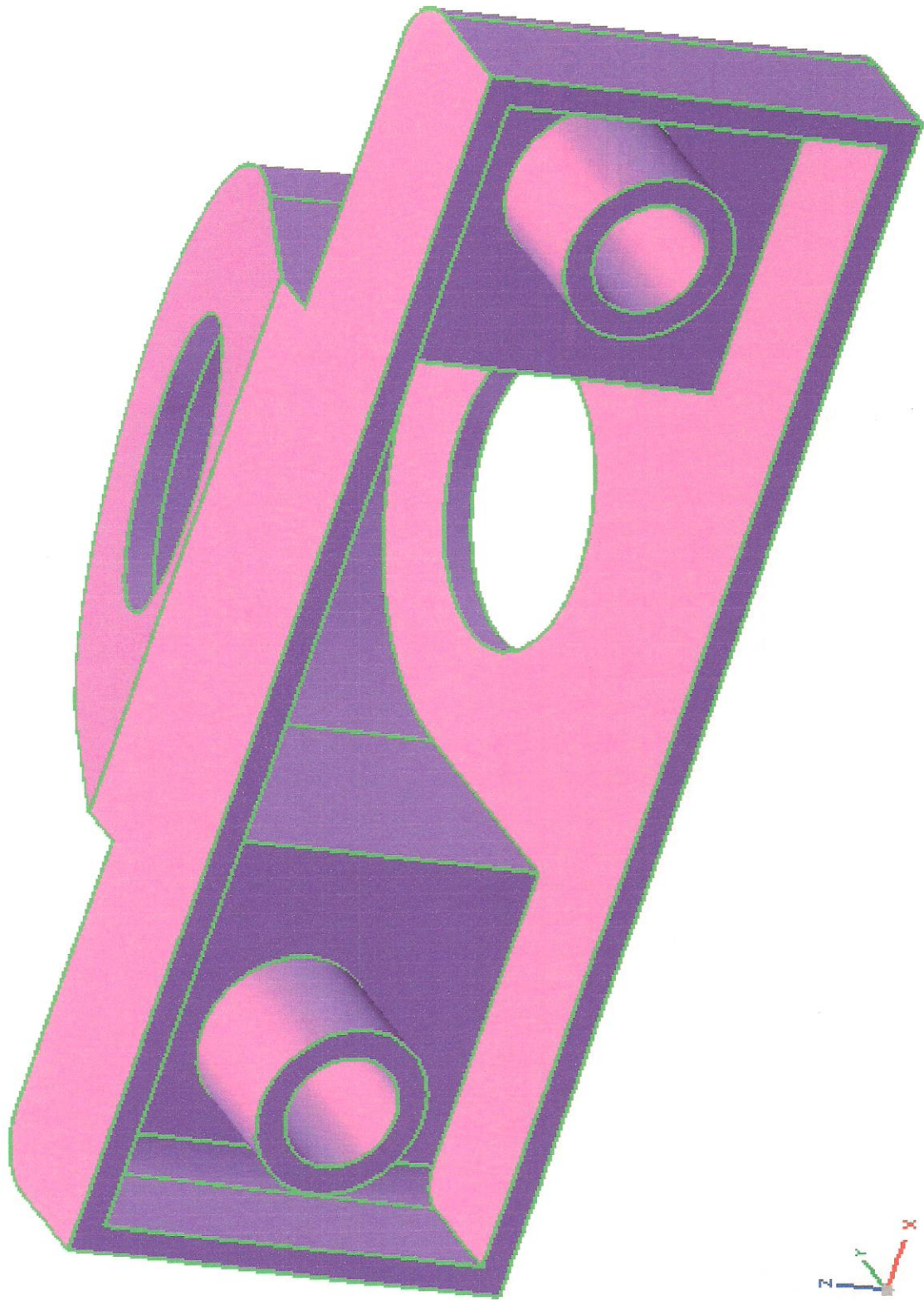






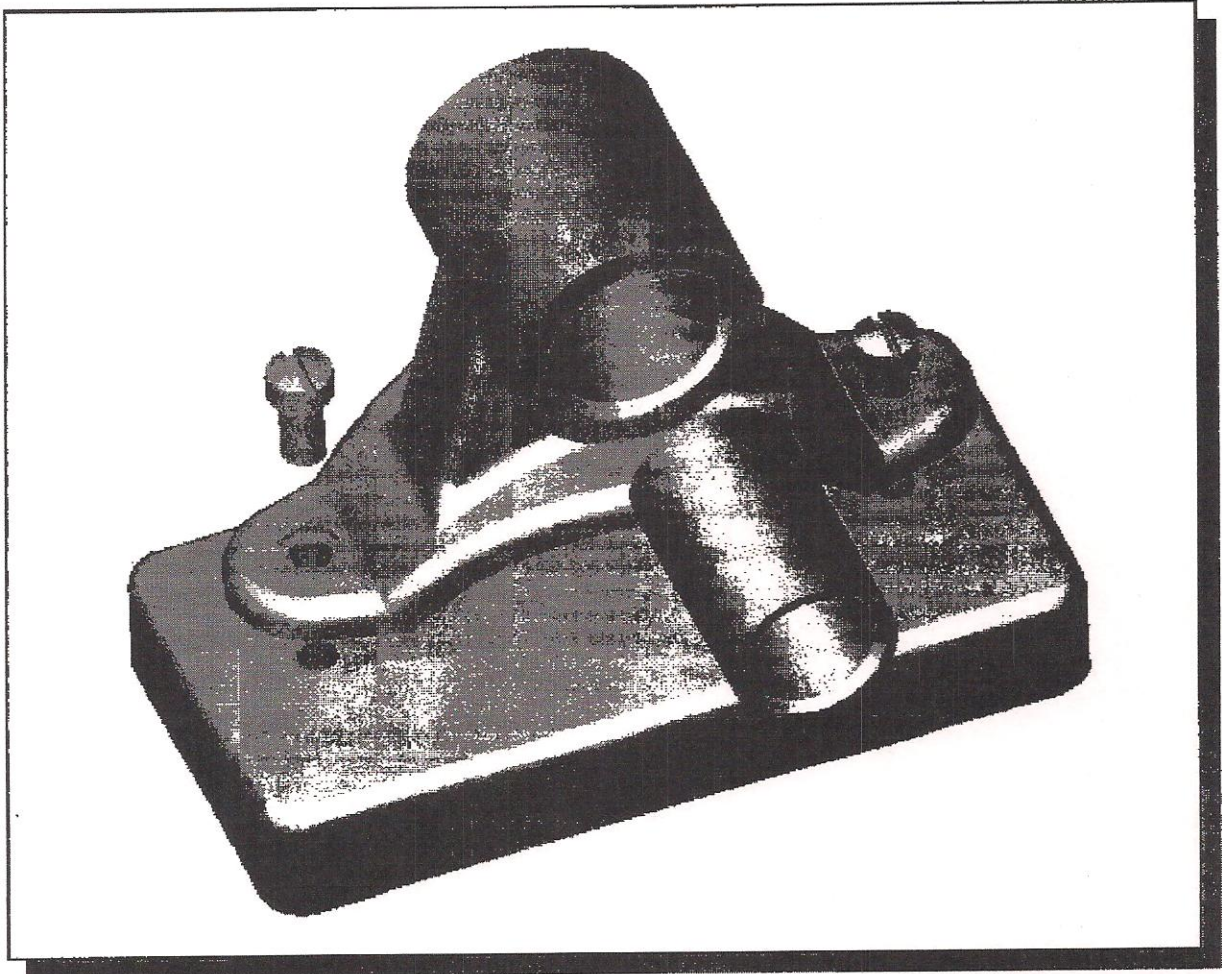


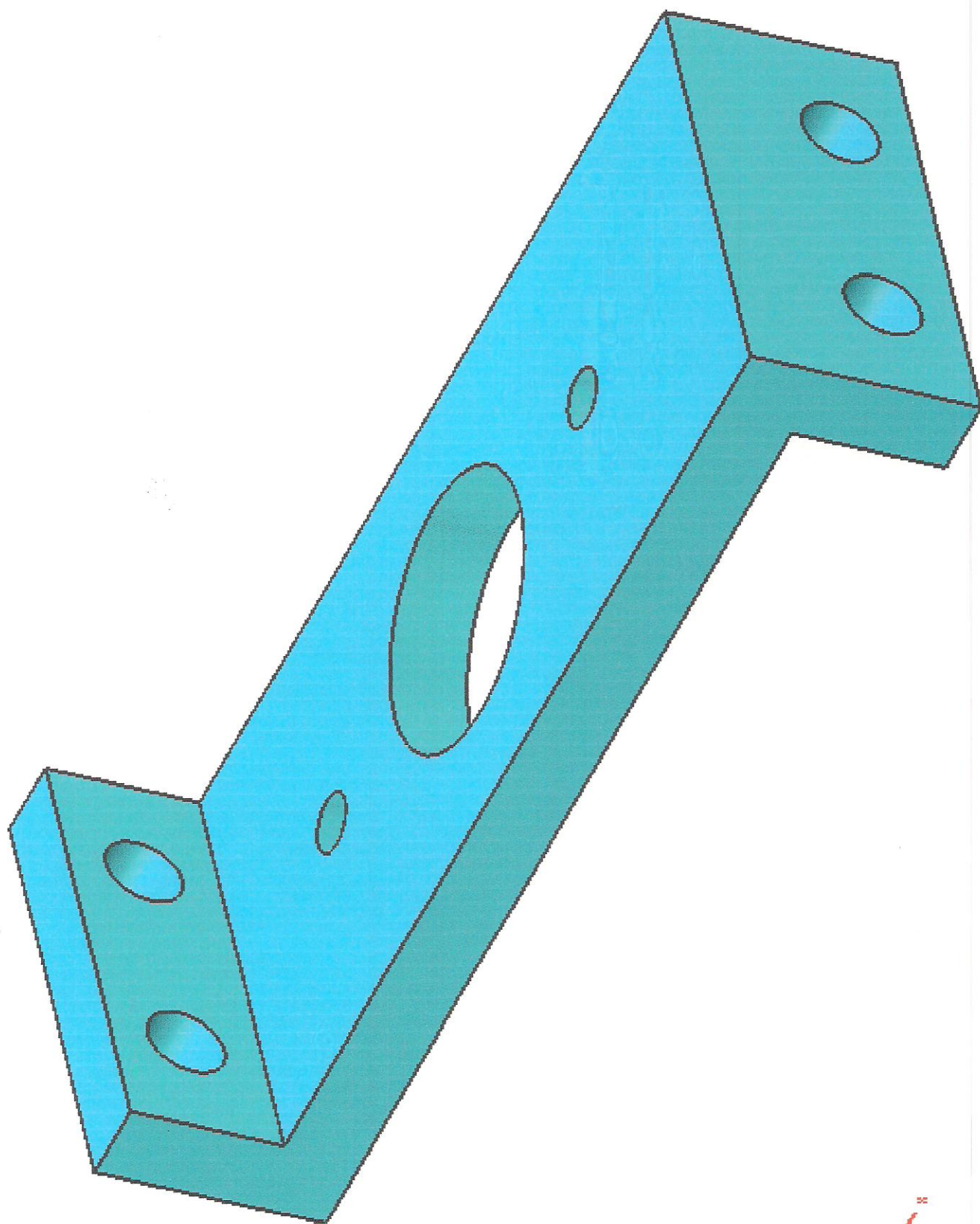


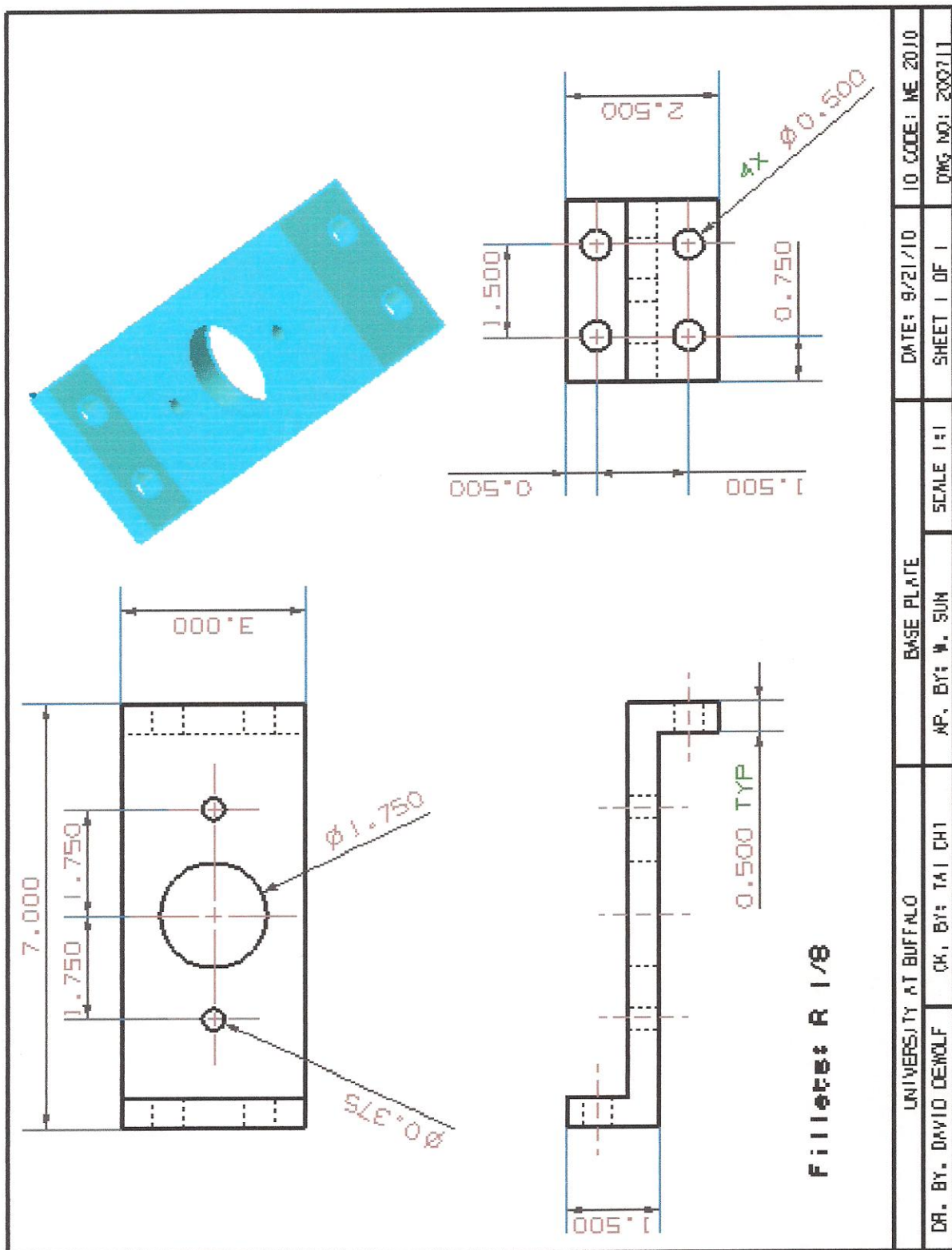


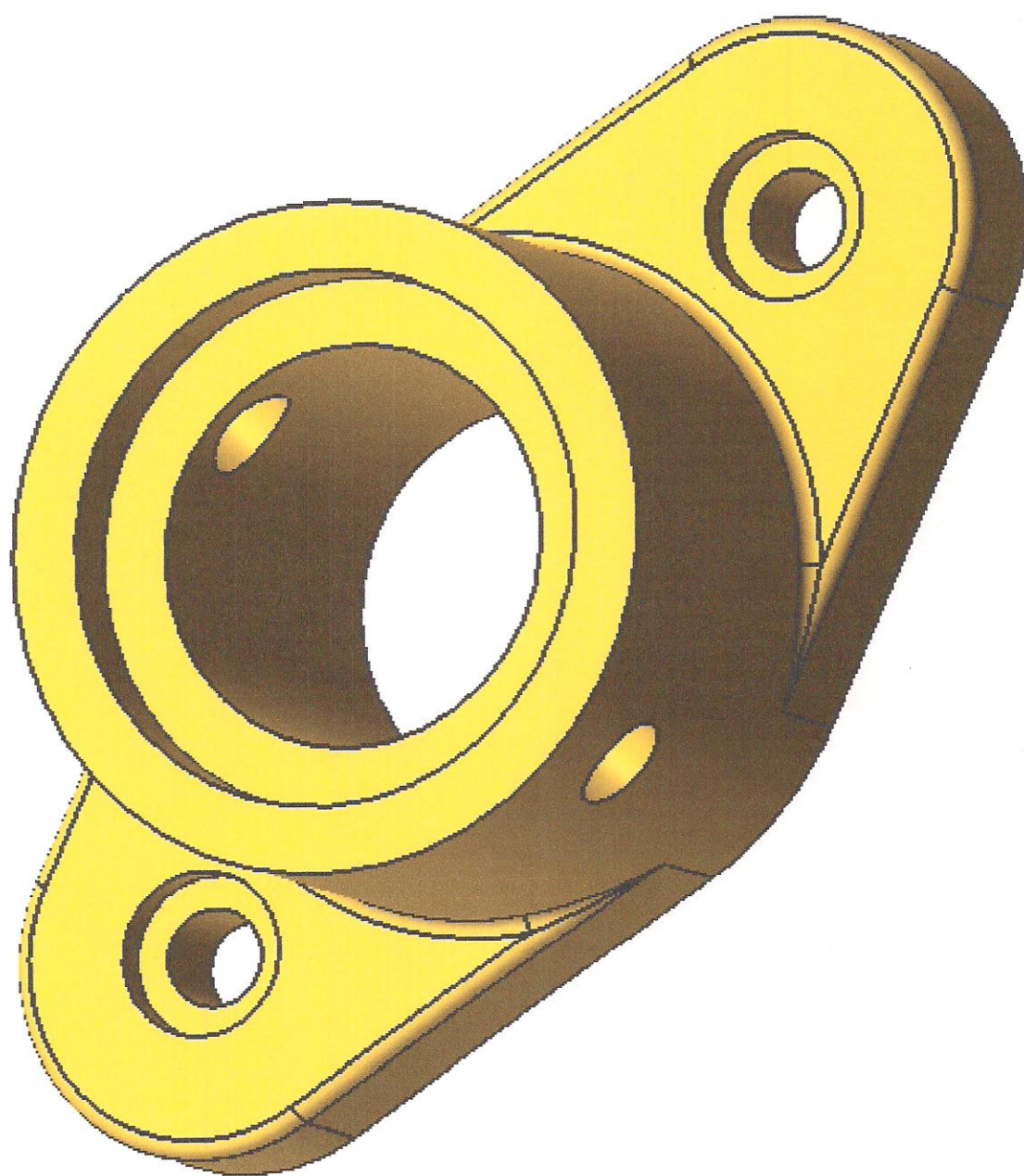
CHAPTER 11

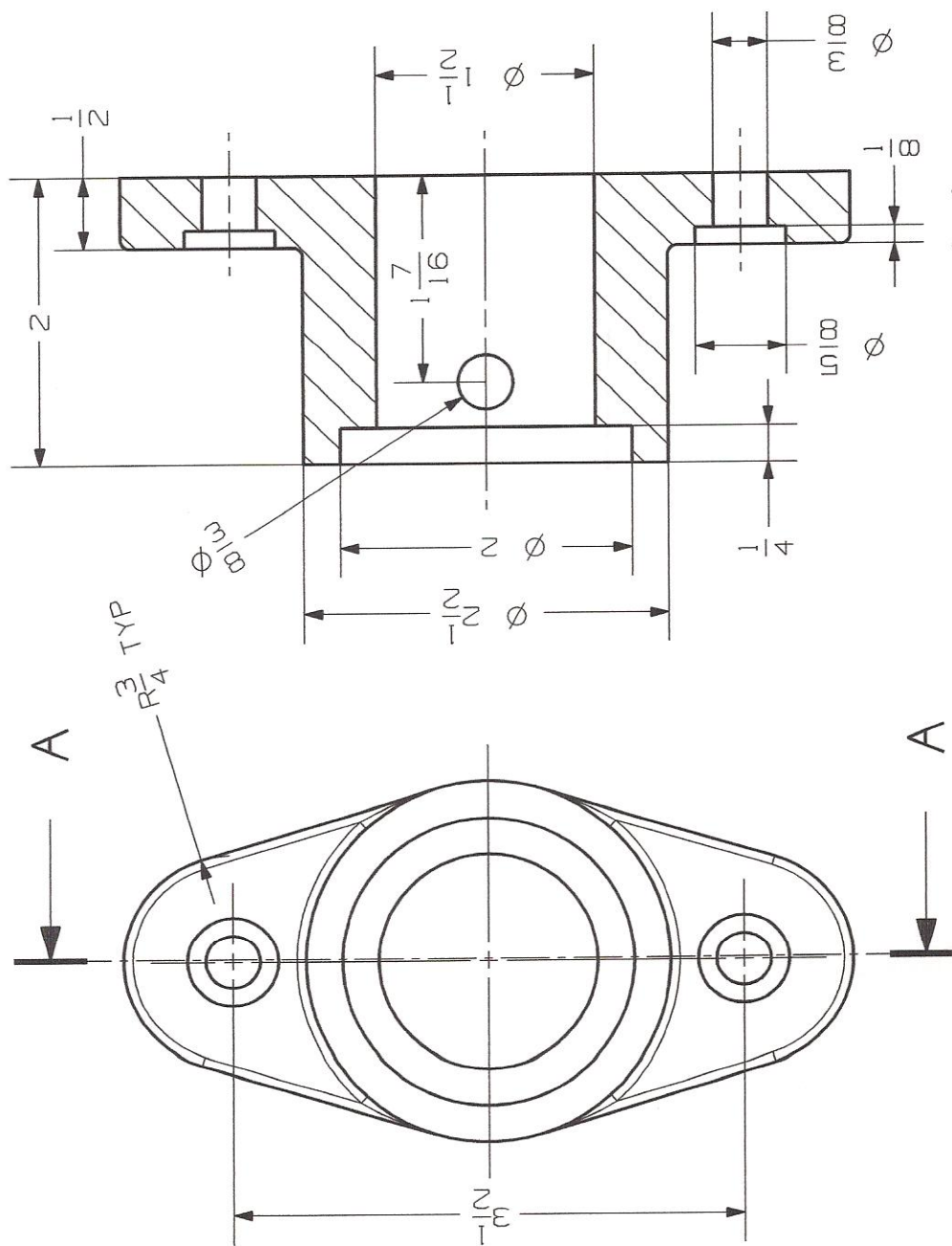
ASSEMBLY MODELING PUTTING IT ALL TOGETHER





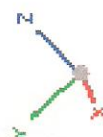
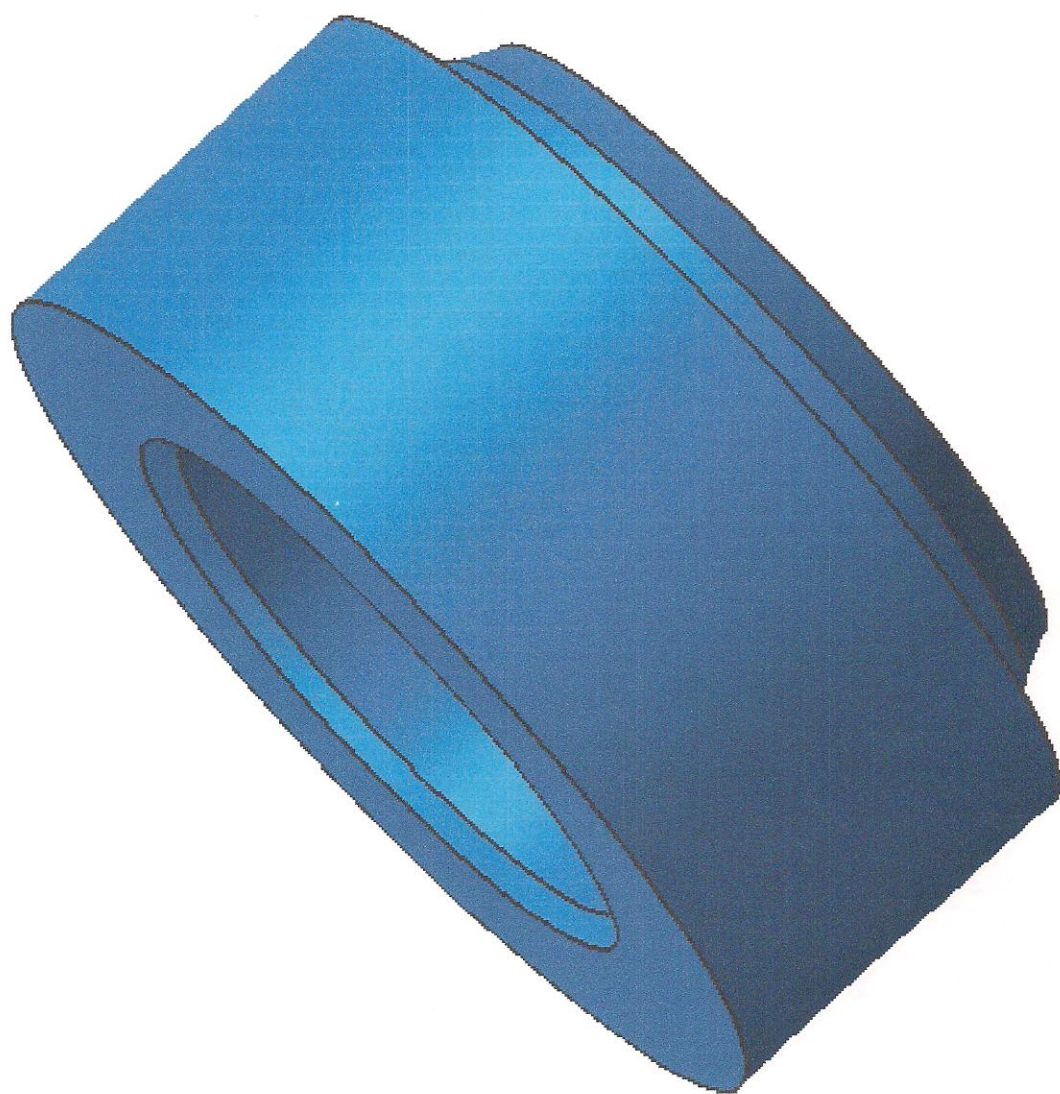


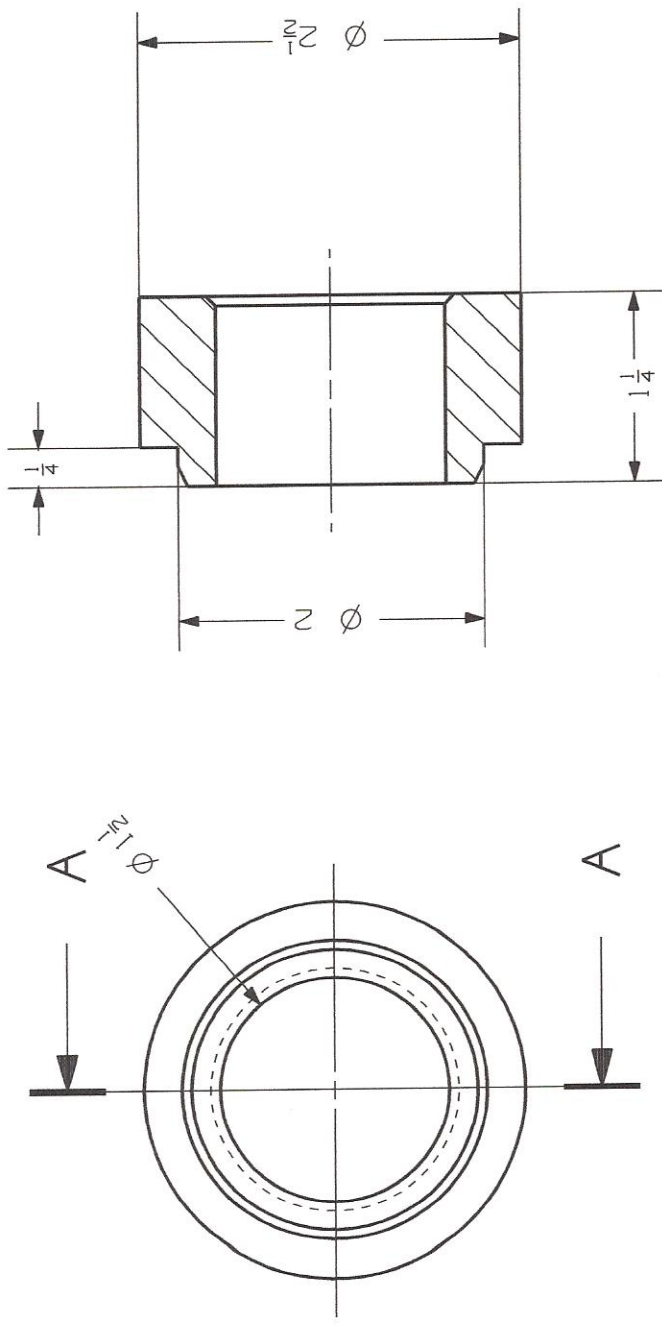




SECTION A - A

UNIVERSITY AT BUFFALO		BEARINGS		DATE: 9/21/10	ID CODE: ME 2010
DR. BY. DAVID DEWOLF	CK. BY: TAI CHI	AP. BY: W. SUN		SCALE 1:1	SHEET 1 OF 1
					DWG NO: 200710

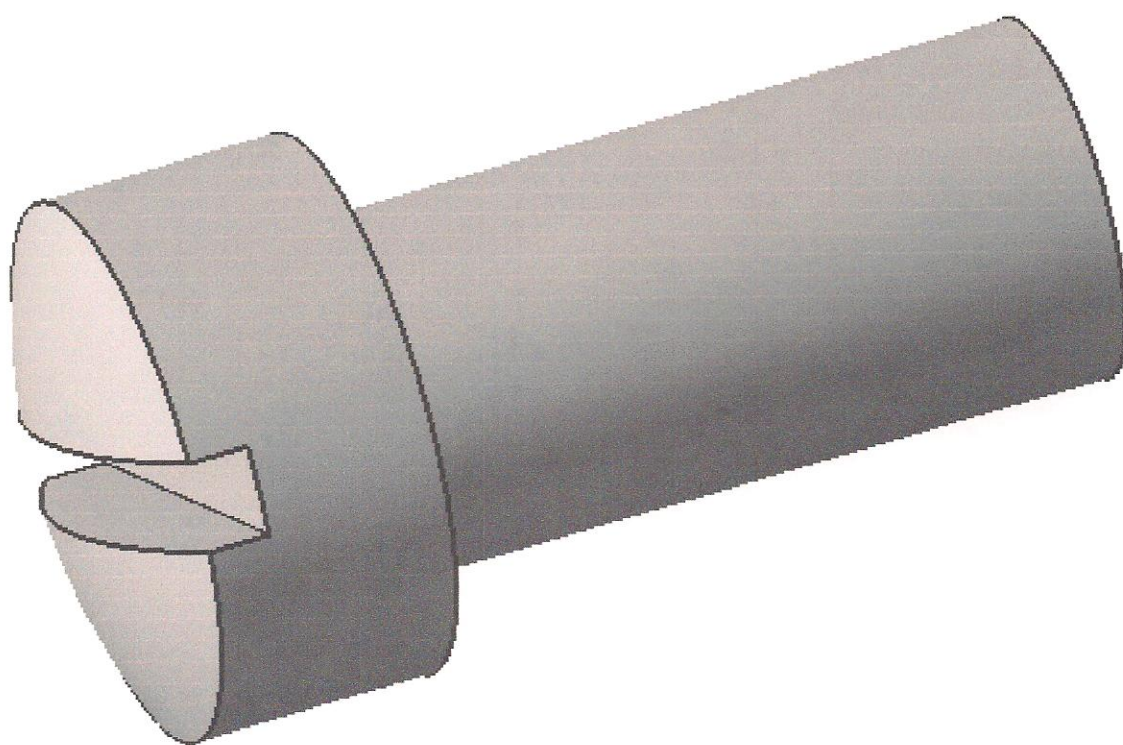


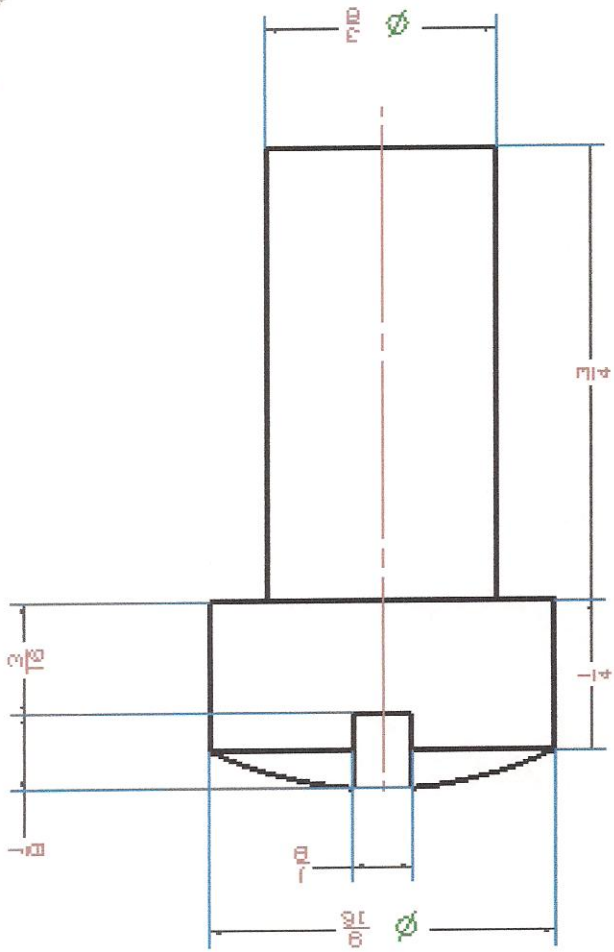


SECTION A - A

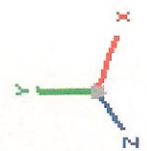
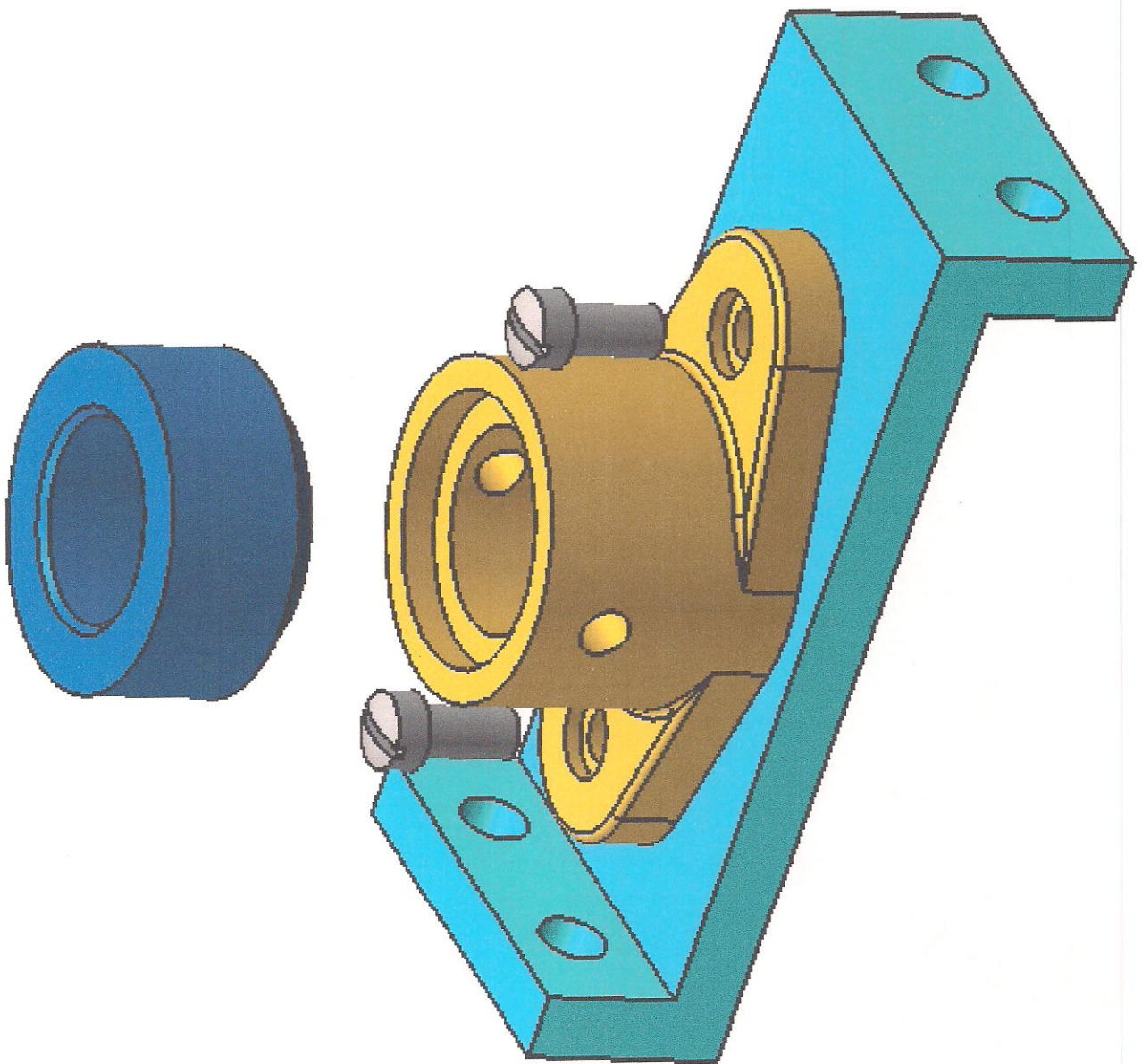
Chamfers 45° X 1/16

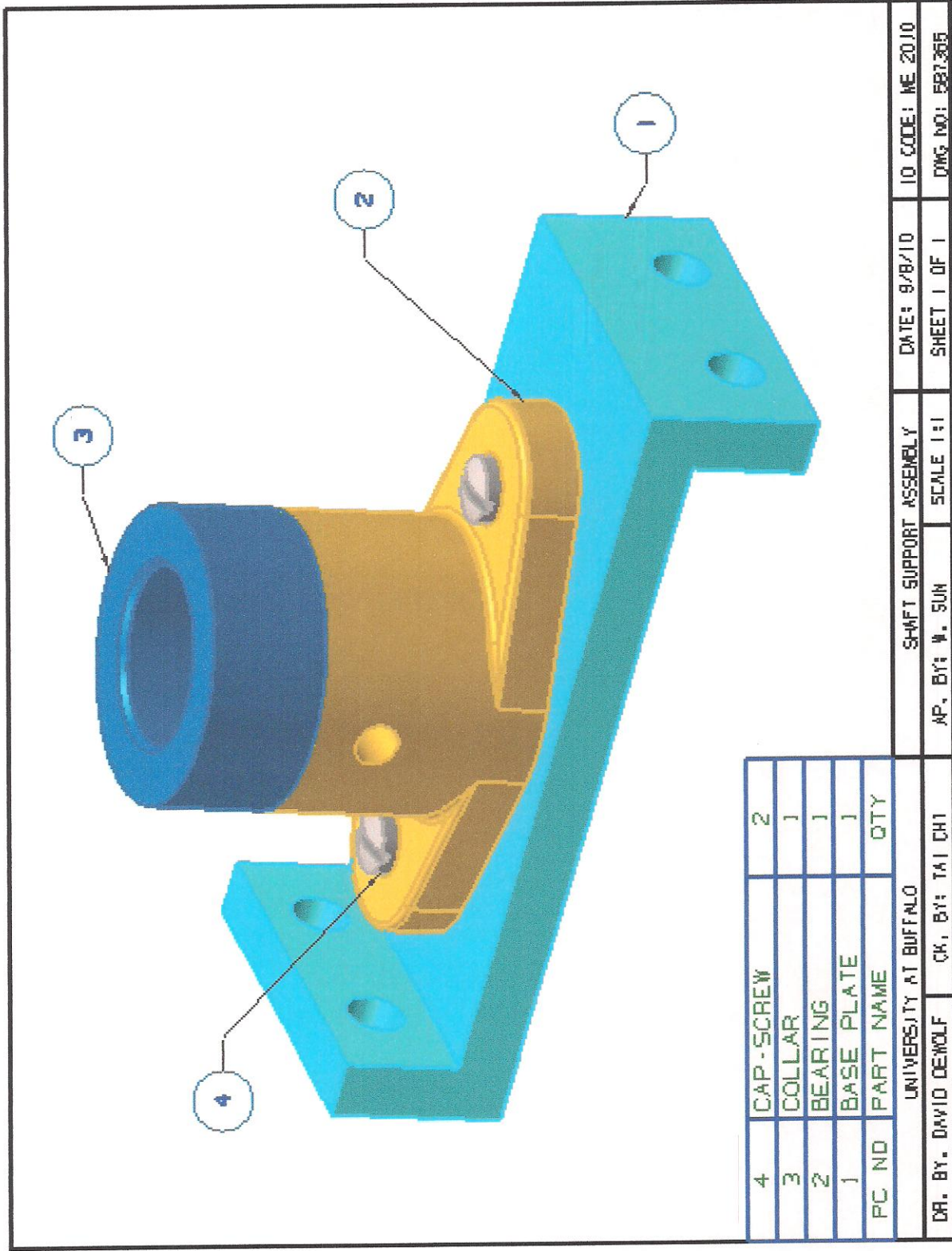
UNIVERSITY AT BUFFALO		COLLAR		DATE: 9/21/10	ID CODE: ME 2010
DR. BY: DAVID DEWOLF	CK. BY: TAI CHI	AP. BY: W. SUN	SCALE 1:1	SHEET 1 OF 1	DWG NO: 200716





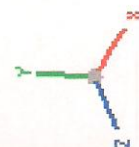
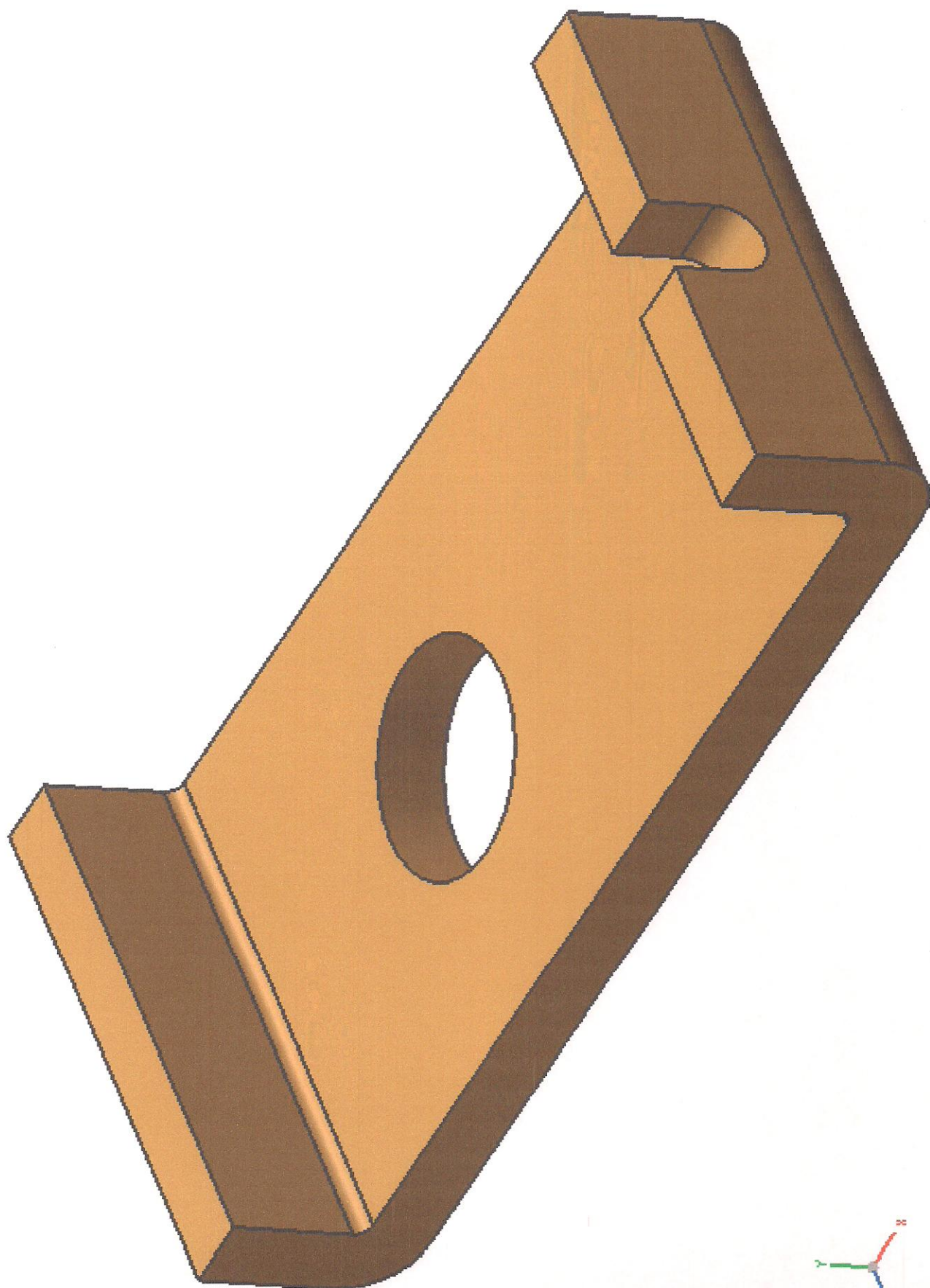
UNIVERSITY AT BUFFALO		CAP SCREW		DATE: 9/21/10	ID CODE: ME 2010
DR. BY: DAVID DEMOLF	CK, BY: TAI CH1	AP, BY: W. SUN	SCALE 4:1	SHEET 1 OF 1	DWG NO: 200713

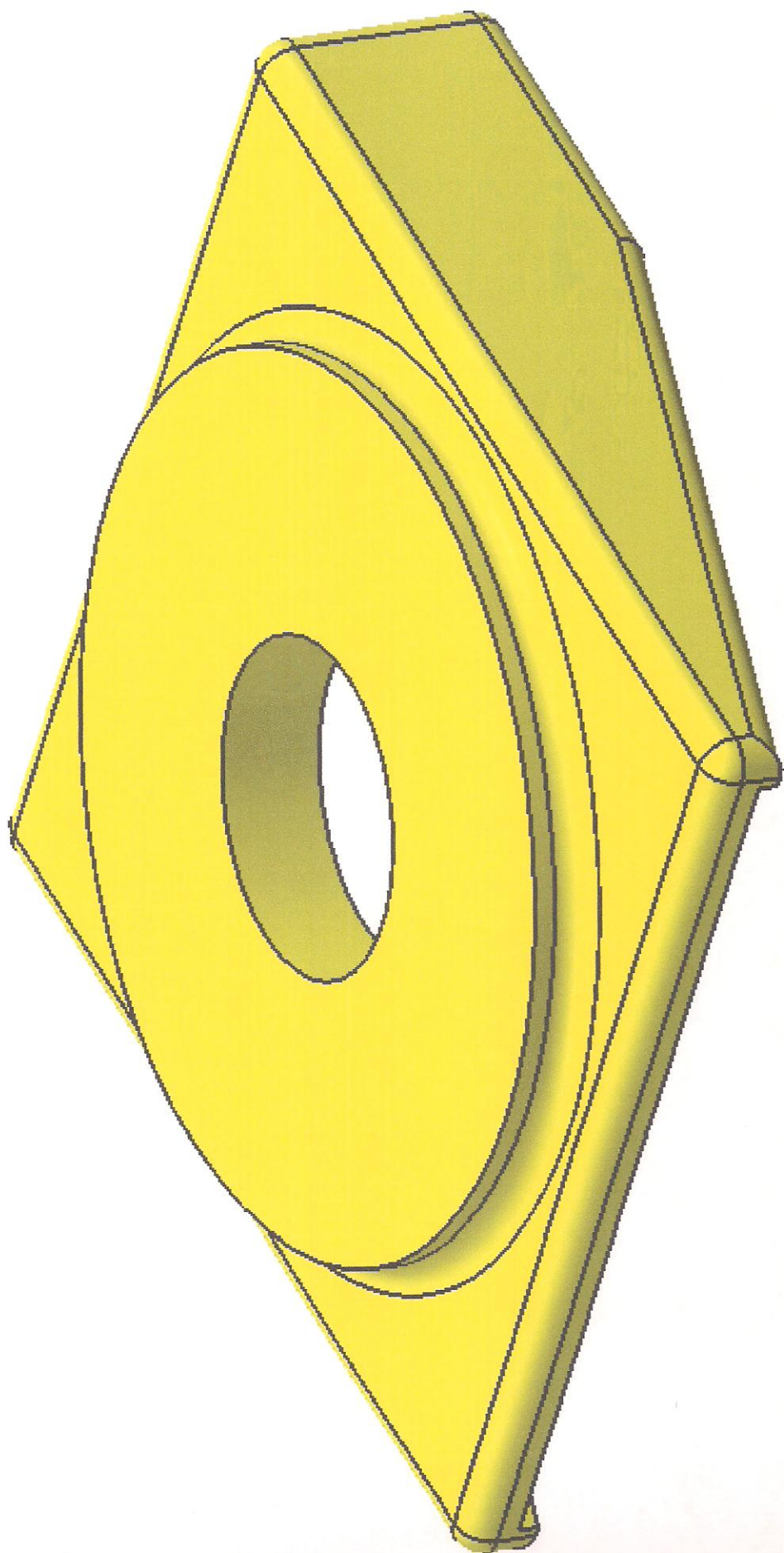


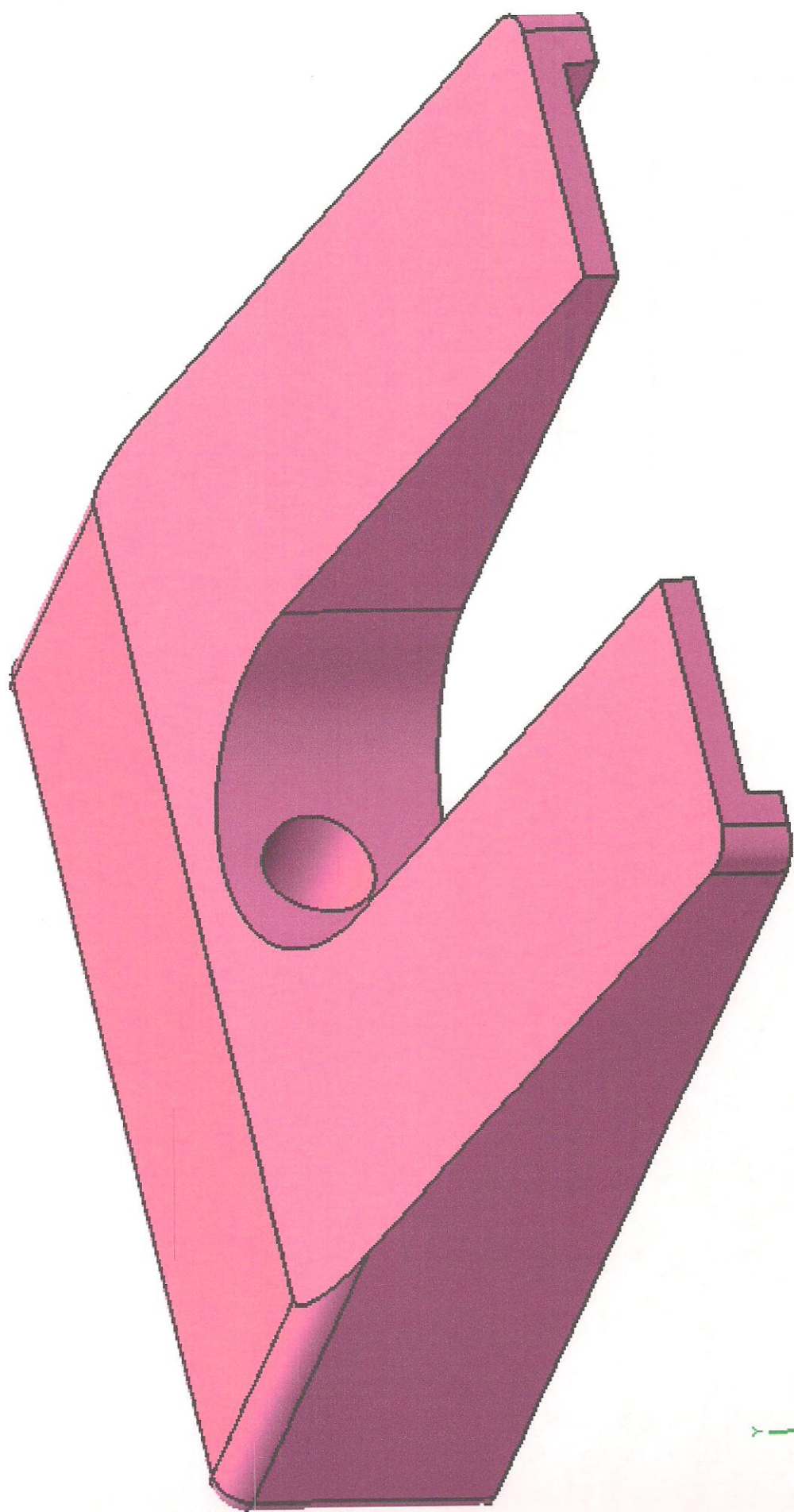


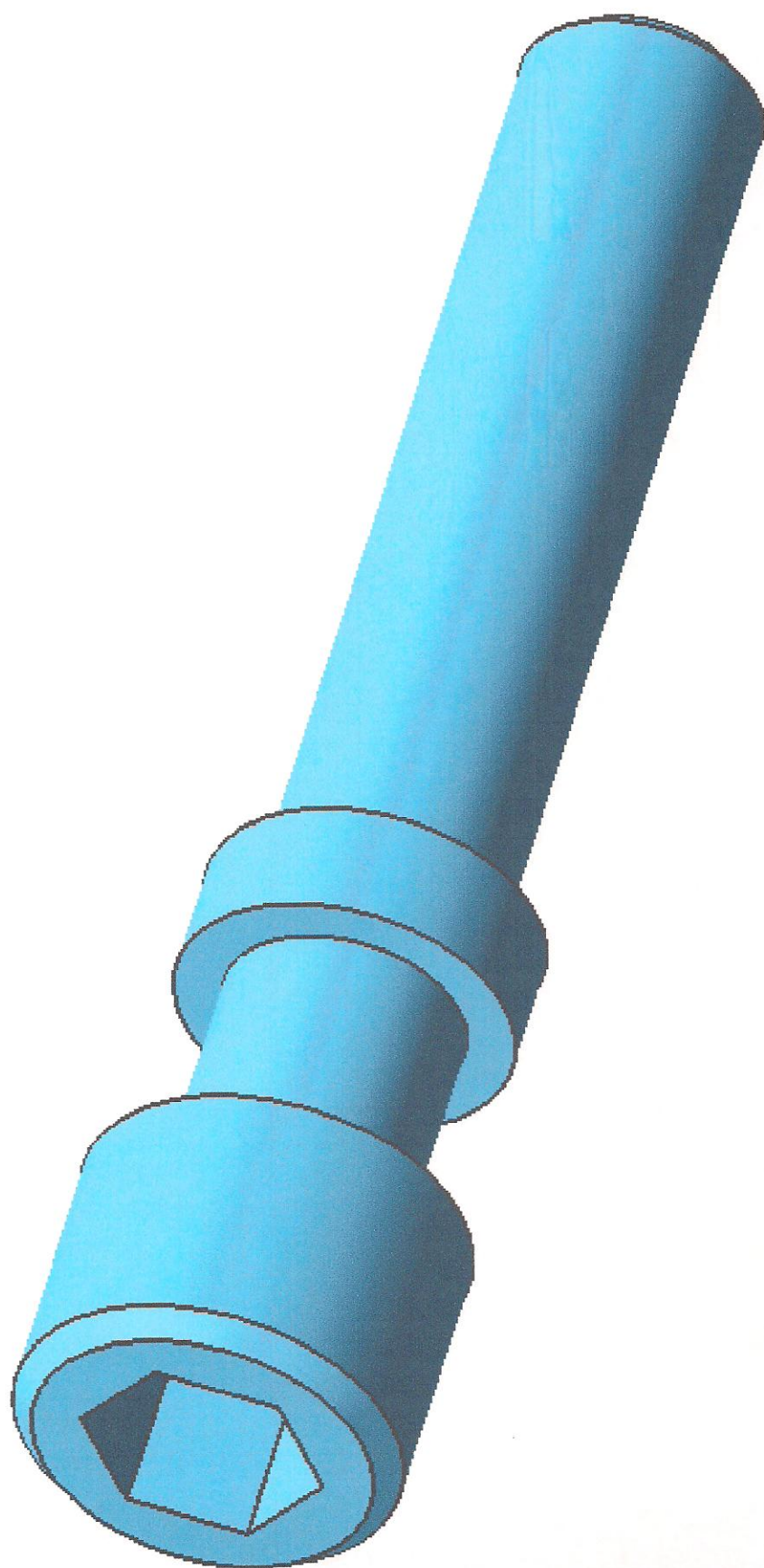
4	CAP-SCREW	2
3	COLLAR	1
2	BEARING	1
1	BASE PLATE	1
PC NO	PART NAME	QTY

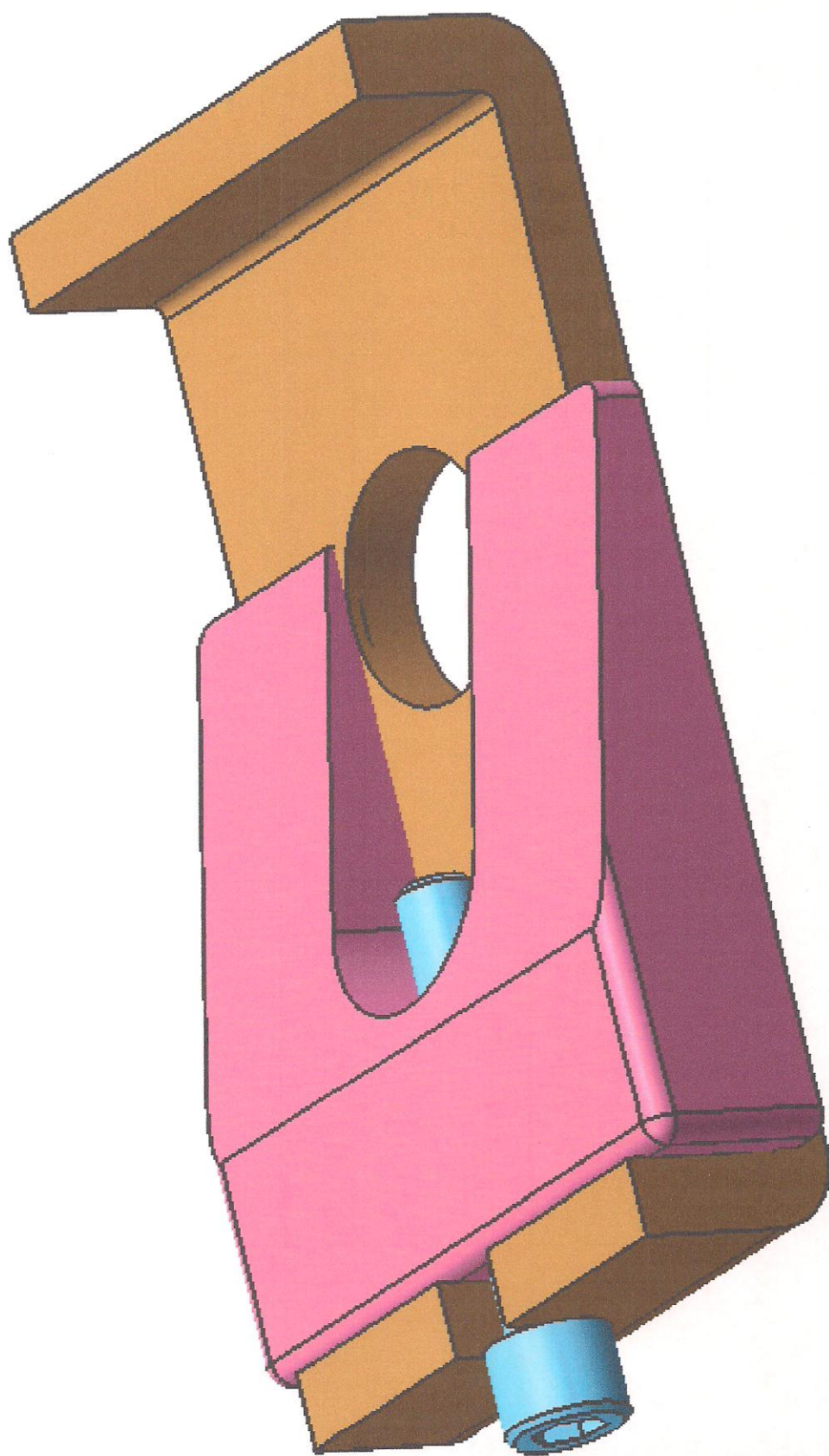
UNIVERSITY AT BUFFALO			SHAFT SUPPORT ASSEMBLY		DATE: 9/8/10	ID CODE: ME 2010
DR. BY: DAVID DEWOLF	CK, BY: TAI CHI	AP, BY: W. SUN	SCALE 1:1	SHEET 1 OF 1	DWG NO: 587365	

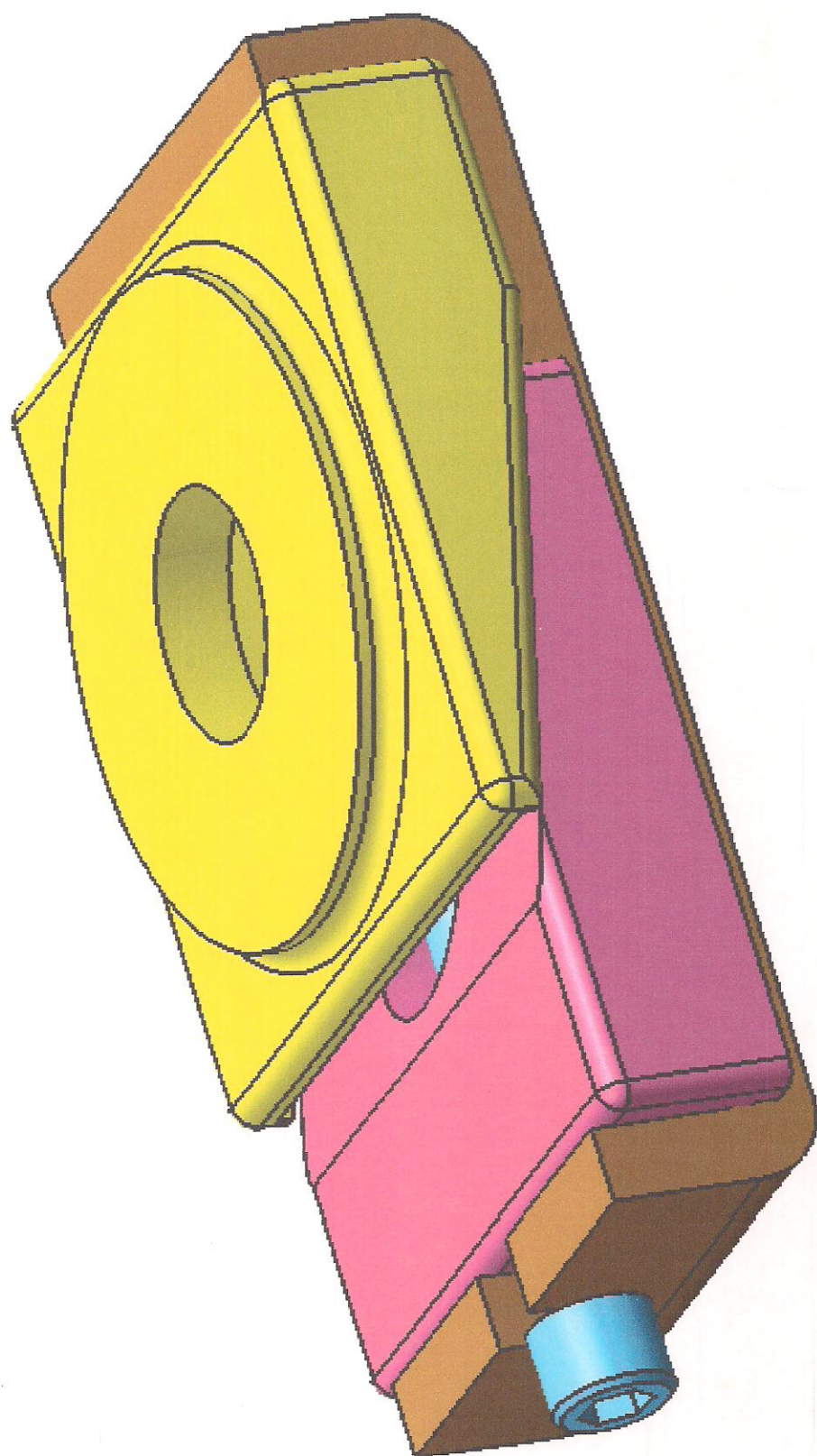


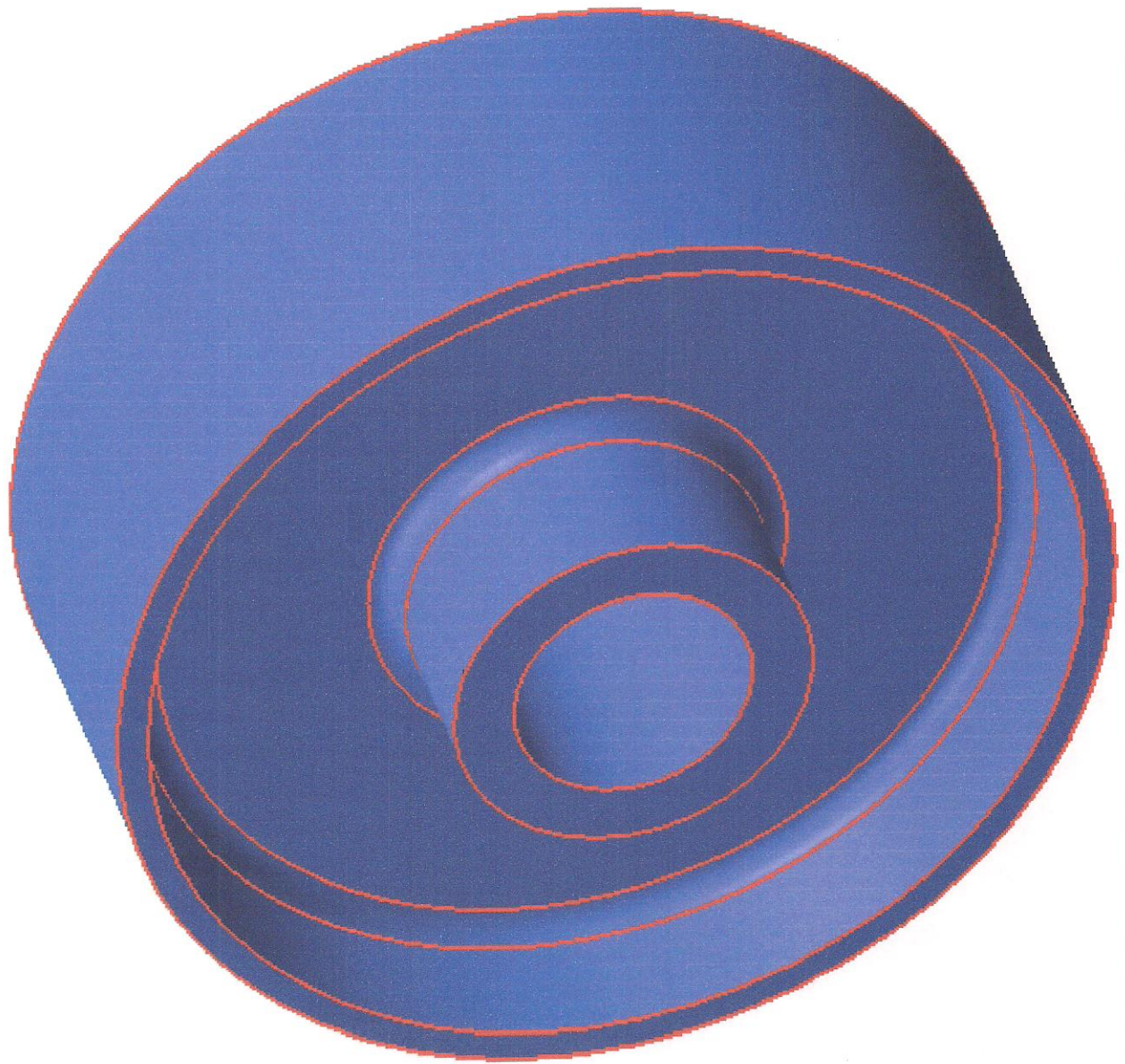


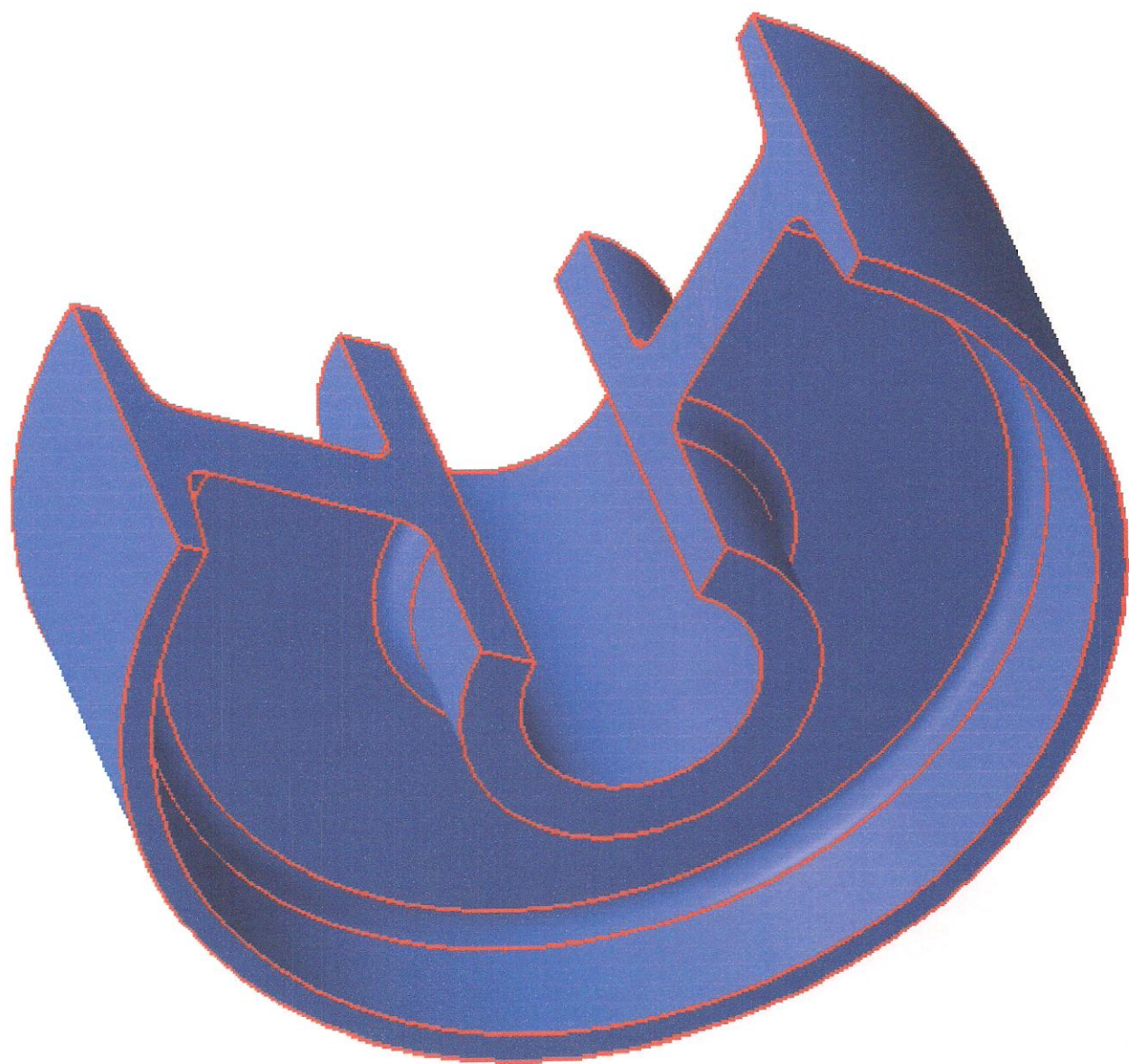


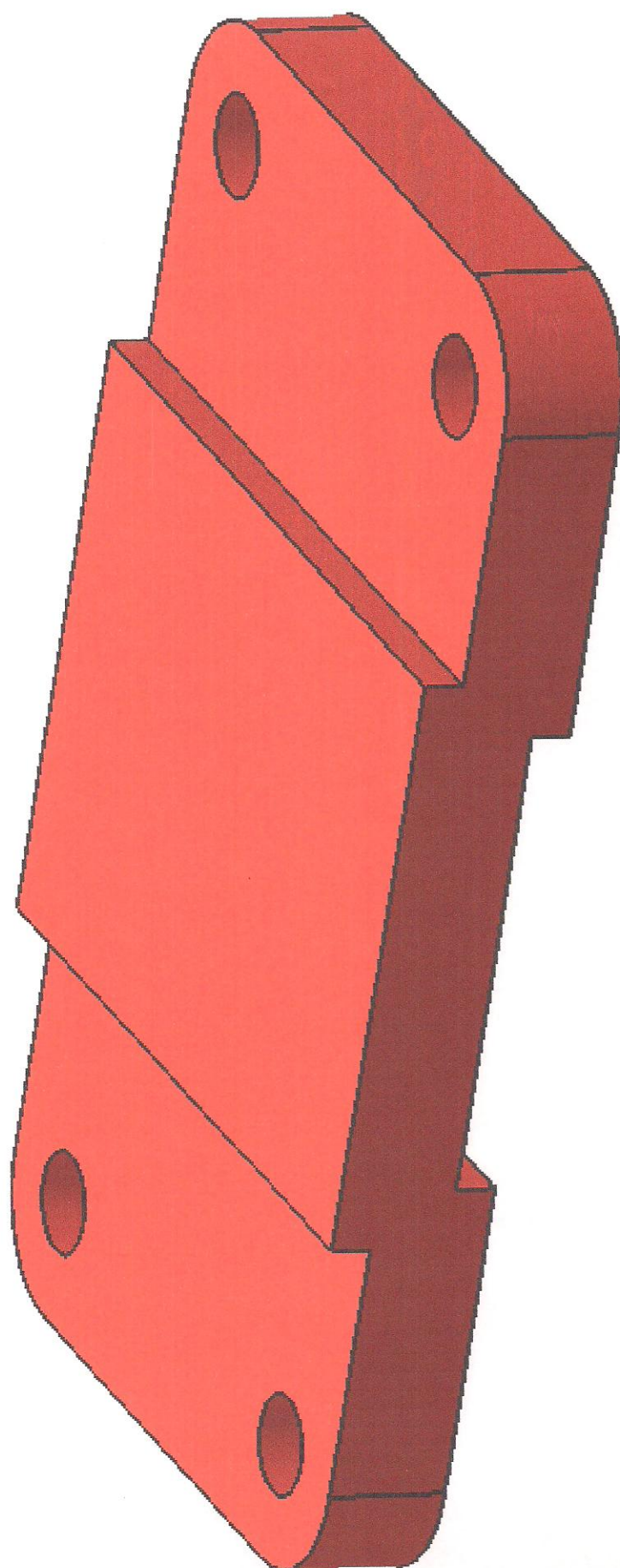


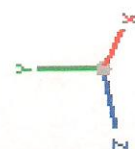
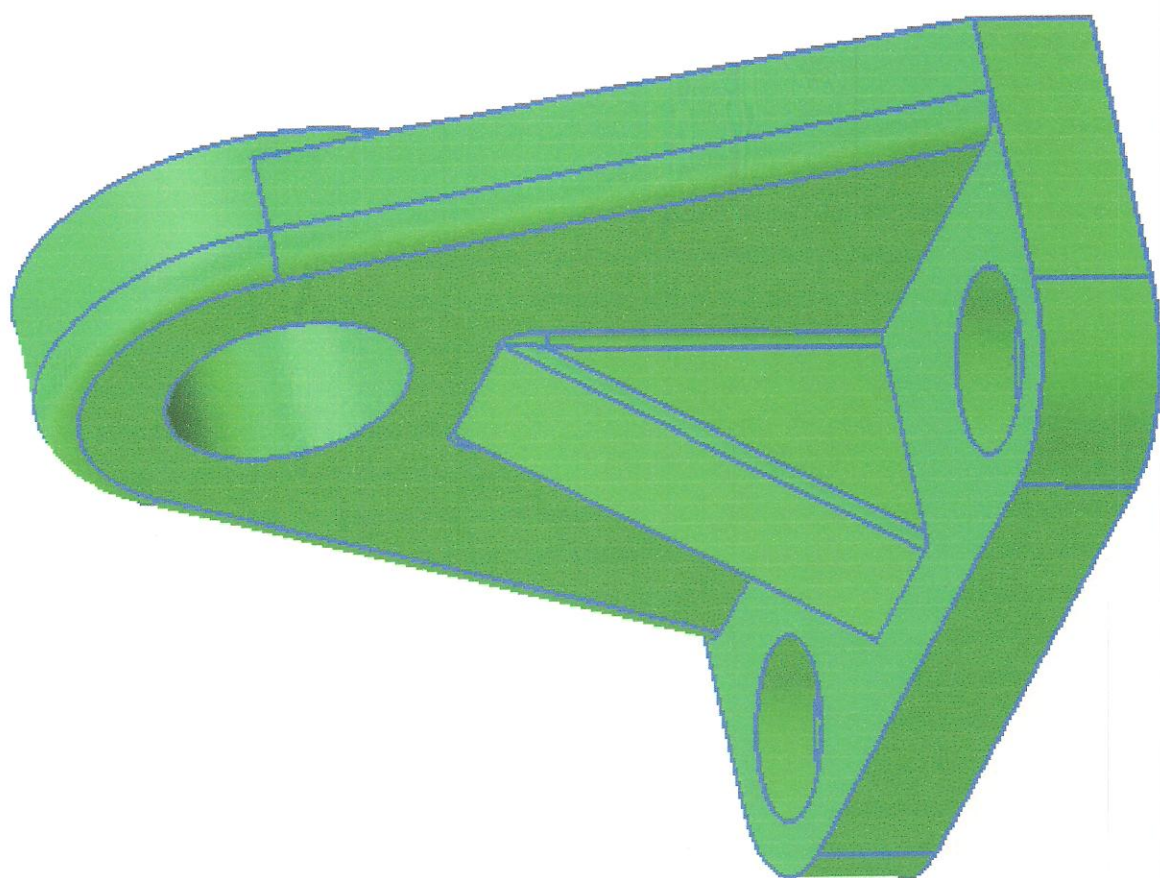


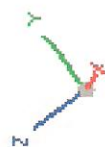


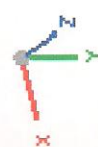
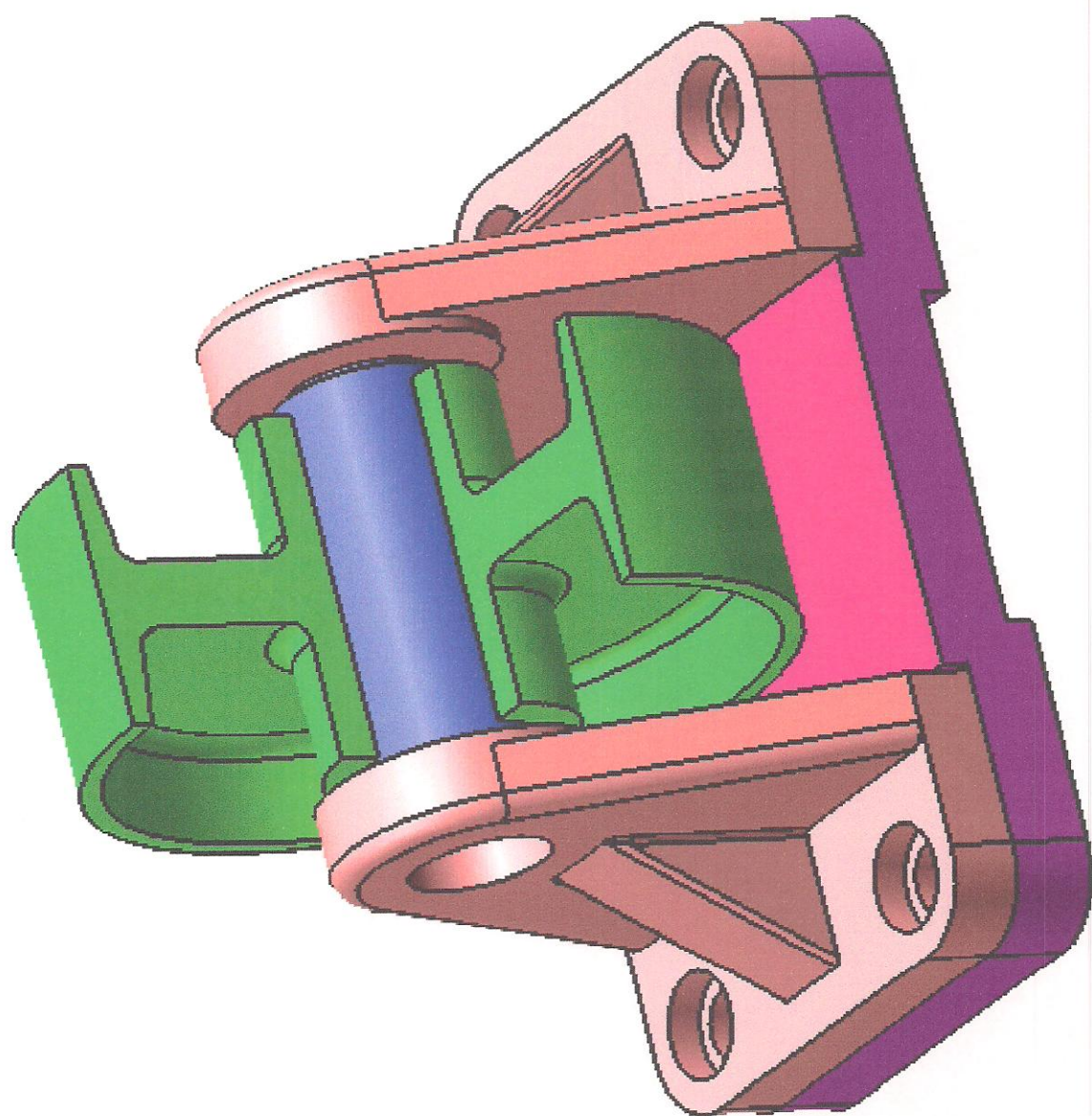


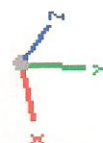
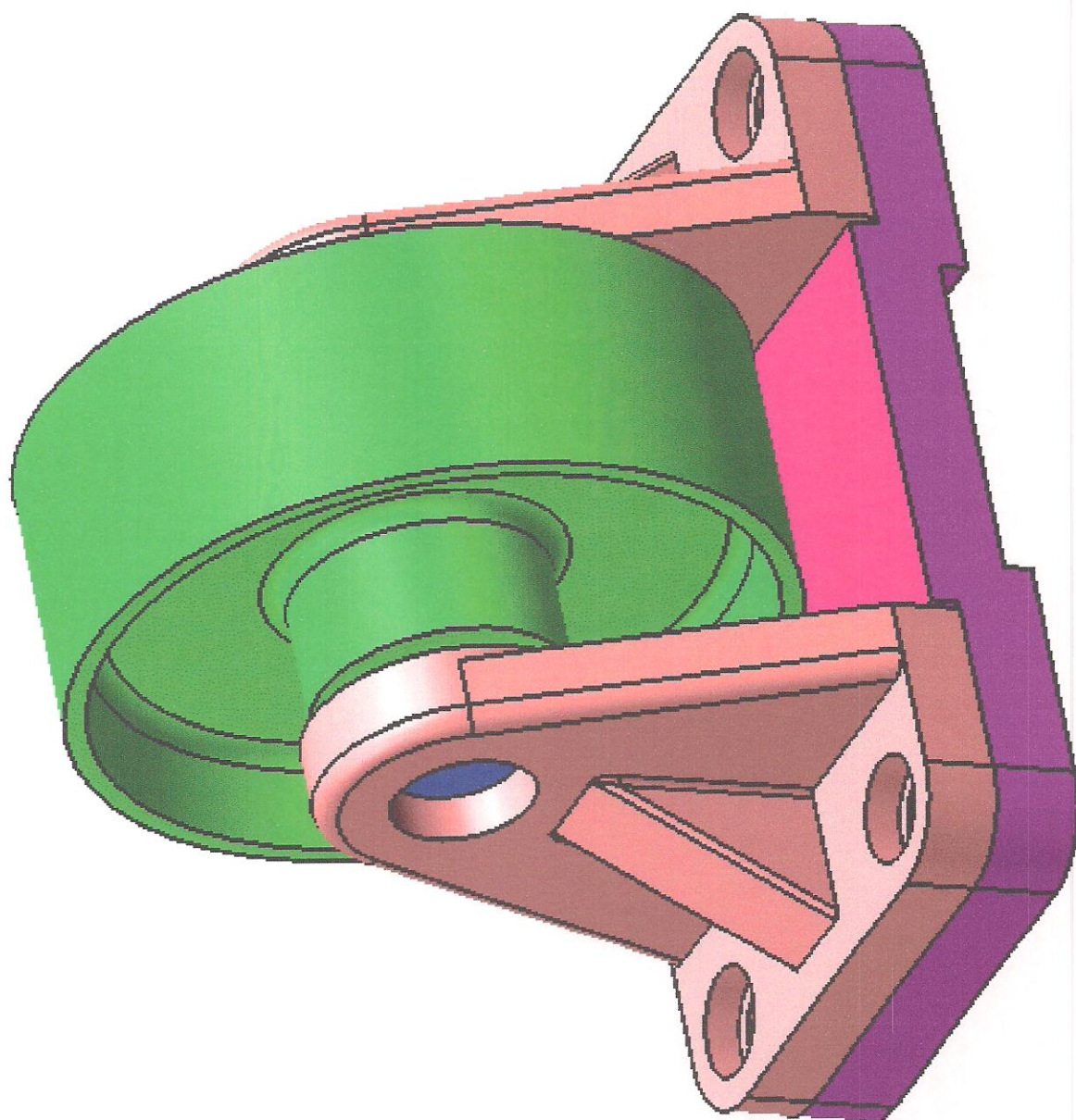


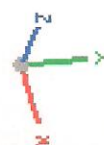
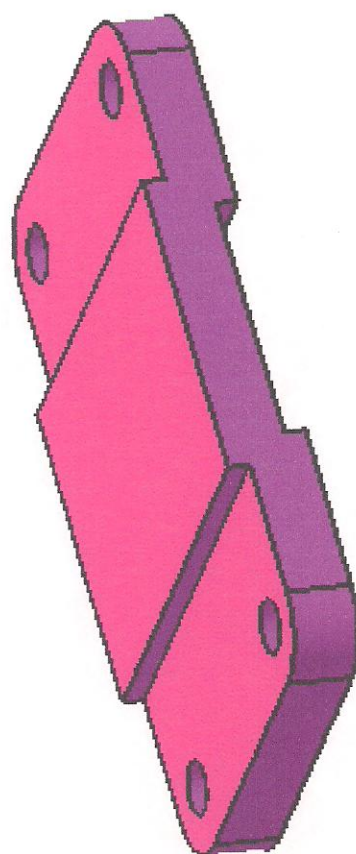
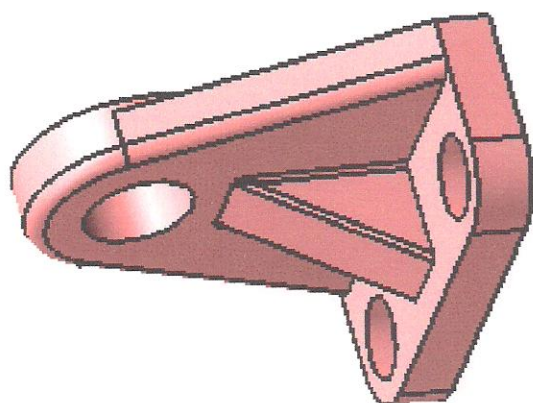
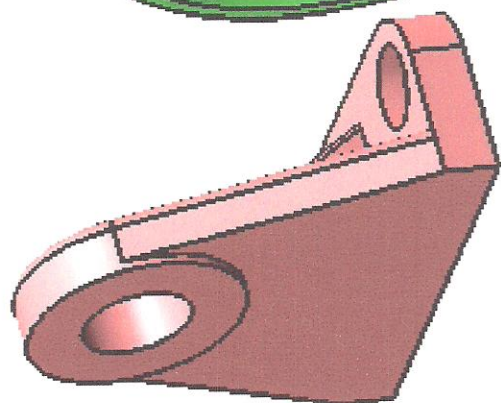
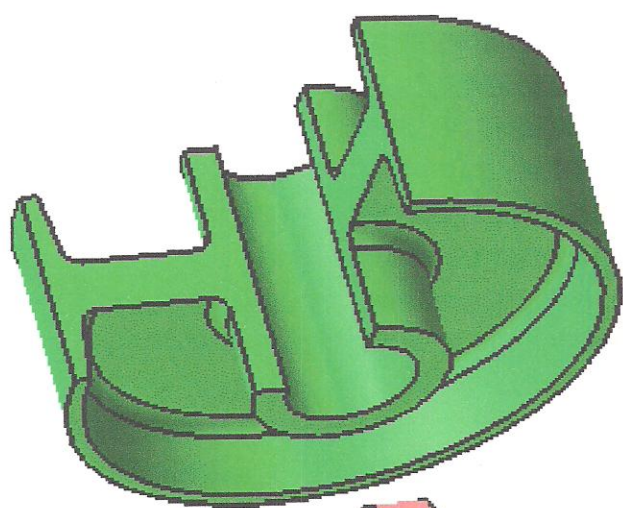


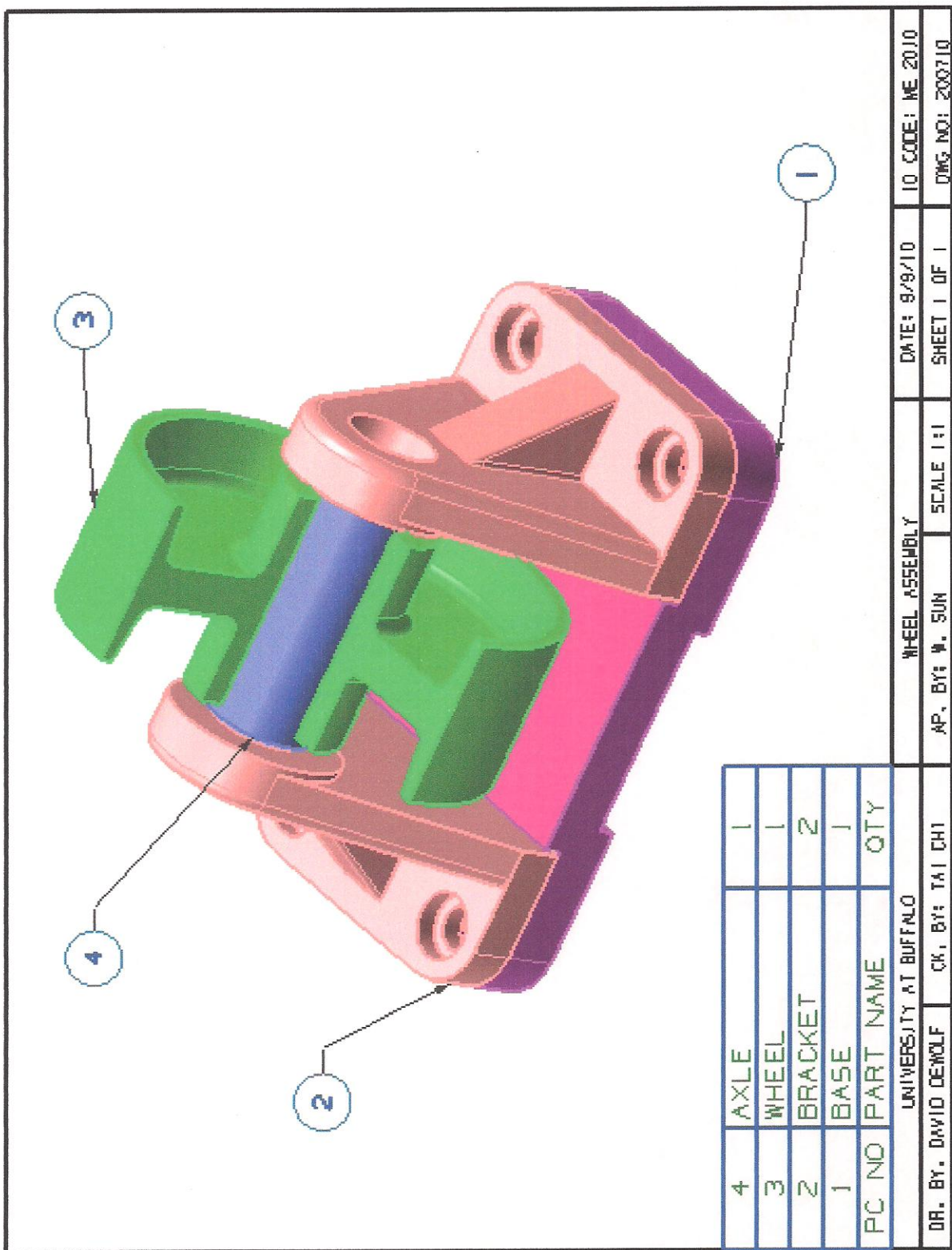












4	AXLE	1
3	WHEEL	1
2	BRACKET	2
1	BASE	1
PC NO	PART NAME	QTY

UNIVERSITY AT BUFFALO			WHEEL ASSEMBLY		DATE: 9/9/10	10 CODE: ME 2010
DR. BY: DAVID DEMOLF	CK. BY: TAI CHI	AP. BY: W. SUN	SCALE: 1:1	SHEET 1 OF 1	DWG. NO: 200310	

NOTES

