



Mec E 468 Numerical Simulation in Mechanical Engineering Design

AUTOMARK REPORT

Semester: Win 2022

Instructor: Prof. David S. Nobes

Student Name:

Assignment: Assignment No 1

PROCESSING DATE: August 5, 2022

AUTOMark Assessment Grade: 285 out of 291

AUTOMark Recommended Grade: 98 out of 100

NOTE: This grade is preliminary only and needs to be confirmed.

The following pages include each of the drawings in the following order:

- Your submission
- Your submission marked by AutoMARK
- The solution

Other important points:

- Examples are given on eClass of how to interpret the mark-up symbols used by AUTOMark.
- If you have any questions, discuss with you TA in the next lab time.

DRAWING CREATION DATE: 31-Dec-2019 13:57:09

DRAWING LAST SAVE DATE: 29-Jun-2022 10:13:57

MODEL CREATION DATE: 29-Dec-2019 12:49:16

MODEL LAST SAVE DATE: 07-Sep-2021 10:33:58

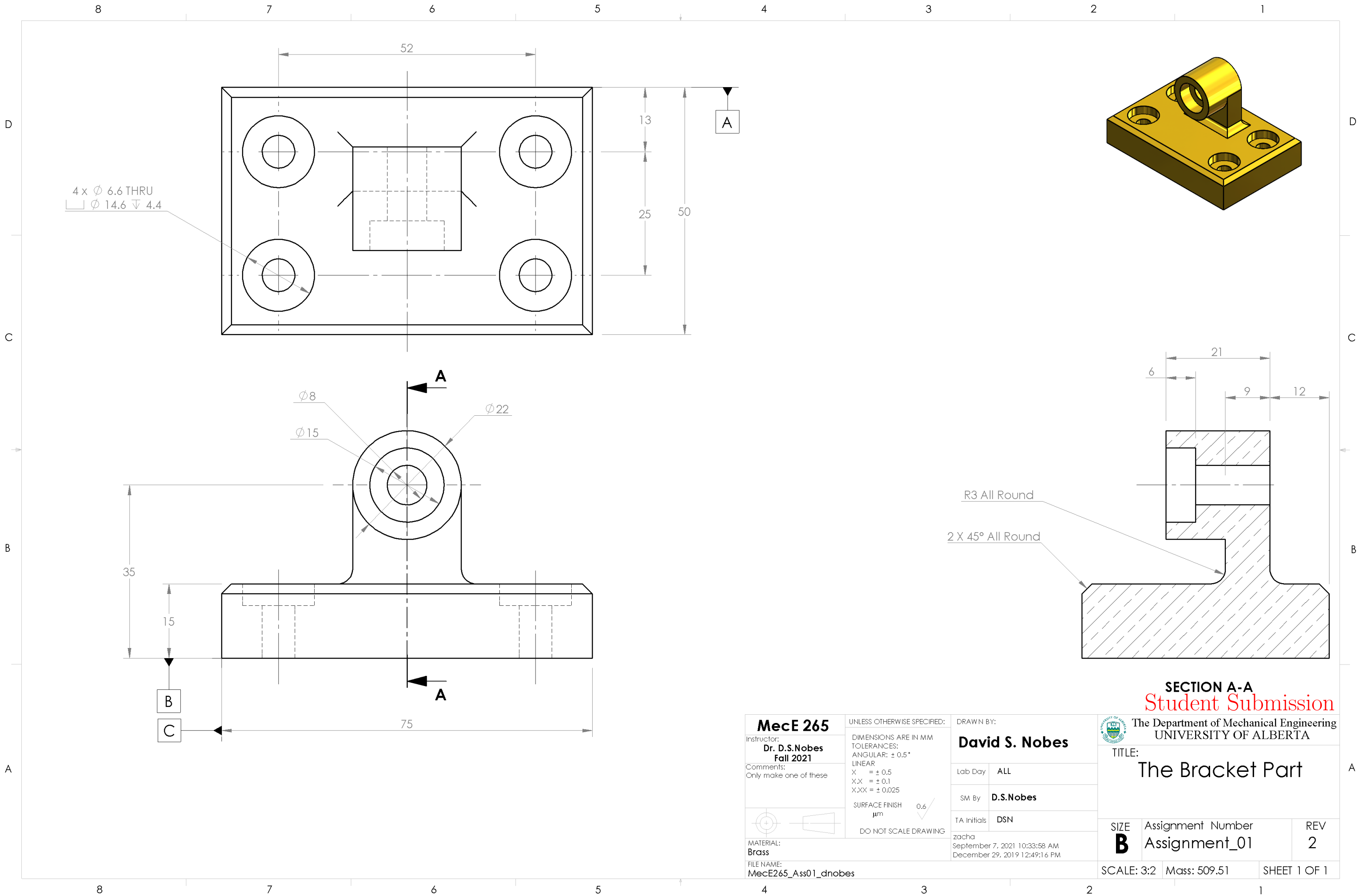
AutoMARK details:

- Sheetnames should contain only alphabetical characters
- Weights of feature properties are set by the marker
- AutoMARK v 4.0 software written and designed by Owen Stadlwieser

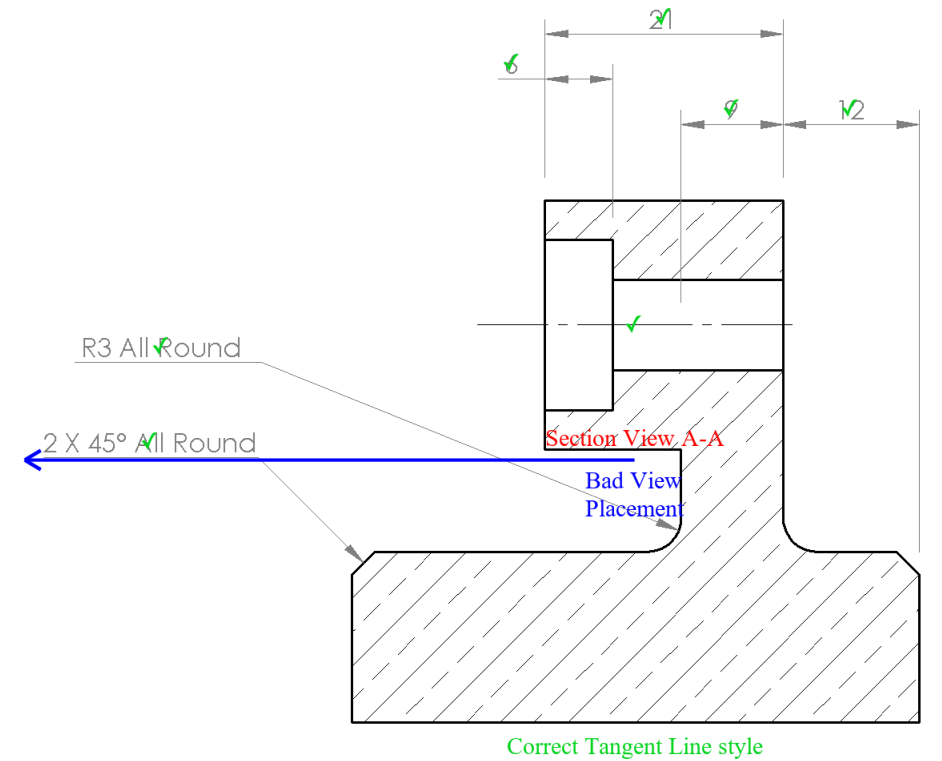
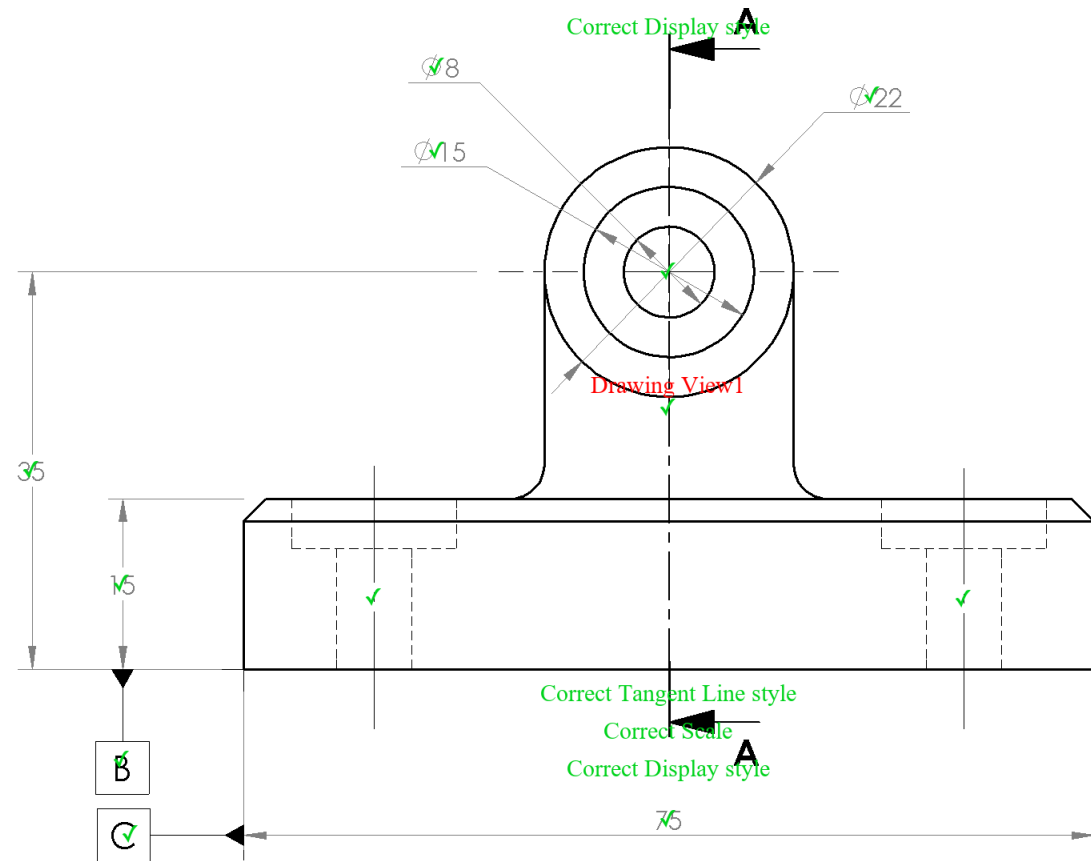
AutoMARK Criterion (The weights of these criterion are decided by the marker):

- DRAWING: SheetOrder, ExtraSheets
- SHEET: SheetPaperSize, SheetScale, SheetTemplate, SheetExtraBOMS, SheetExtraViews, SheetViewTypes, SheetIntersectingBallons
- BILLOFMATERIALS: BOMTableType, BOMNumberColumns, BOMNumberRows, BOM-Position, BOMTableHeight, BOMTableWidth, BOMFontType, BOMFontSize
- VIEW: ViewScale, ViewDisplayStyle, ViewExtraDimension, ViewPosition, ViewExtra-CenterMarks, ViewMass, ViewMaterial, ViewExtraDatums, ViewWrongProjection, ViewEx-traCenterlines
- DIMENSION: DimensionDangling, DimensionWrongView, DimensionPosition, Dimen-sionArrowSide, DimensionValue, DimensionBadText
- CENTERLINE: CenterlineDangling, CenterlinePosition
- CENTERMARK: CentermarkDangling, CentermarkPosition, CentermarkShowlines, Cen-termarkAngle, CentermarkConnectionLines, CentermarkExtensions, CentermarkGap, CentermarkSize, CentermarkGroupedCorrectly
- DATUM: DatumDangling, DatumWrongView, DatumPosition, DatumLabel, DatumDis-playStyle, DatumFilledTriangle
- Ballon: BallonDangling, BallonPosition



Symbol/Colour	Meaning
✓	No deductions on feature
Colour	Incorrect value
Colour	Miscellaneous error
Colour	Incorrect Position
Colour	Unrecognized feature
Colour	Missing feature
?	Feature not found on key

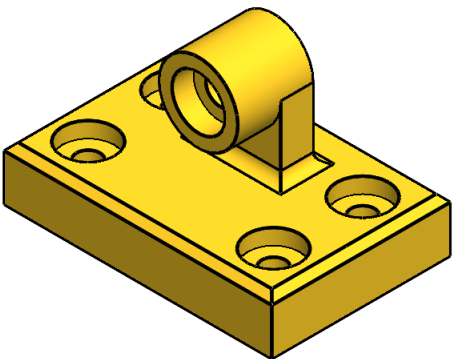
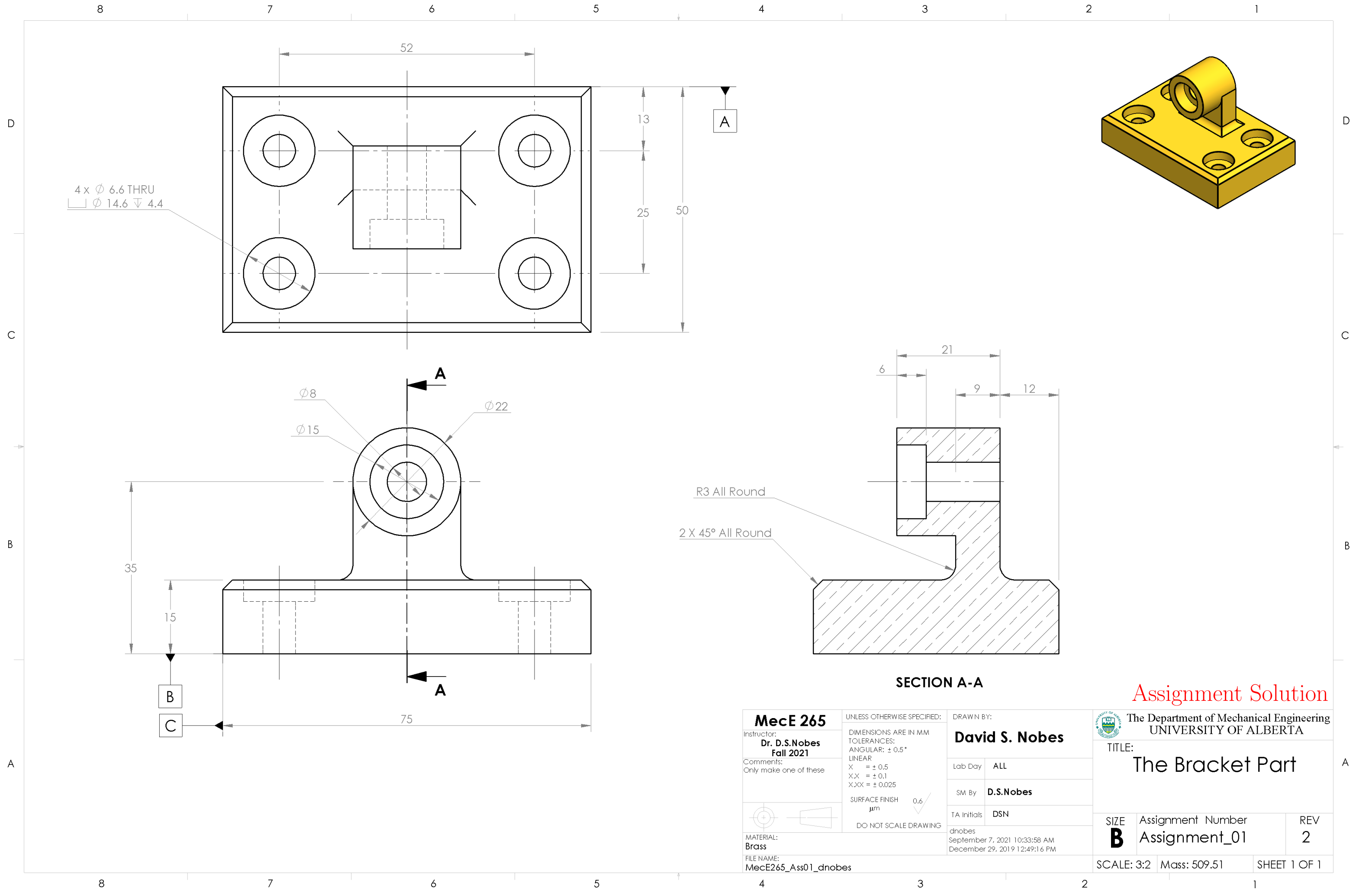


A





SHEET 1 OF 1

<h1>MecE 265</h1> <p>Instructor: Dr. D.S.Nobes Fall 2021</p> <p>Comments: Only make one of these</p>		<p>UNLESS OTHERWISE SPECIFIED:</p> <p>DIMENSIONS ARE IN MM</p> <p>TOLERANCES:</p> <p>ANGULAR: $\pm 0.5^\circ$</p> <p>LINEAR</p> <p>X = ± 0.5</p> <p>X.X = ± 0.1</p> <p>X.XX = ± 0.025</p> <p>SURFACE FINISH μm 0.6 ✓</p> <p>DO NOT SCALE DRAWING</p>		<p>DRAWN BY:</p> <h2>David S. Nobes</h2>		 <p>The Department of Mechanical Engineering UNIVERSITY OF ALBERTA</p>	
		<p>Lab Day</p> <p>ALL</p>		<p>TITLE:</p> <h1>The Bracket Part</h1>		<p>SM By</p> <p>D.S.Nobes</p>	
<p>MATERIAL:</p> <p>Brass</p> <p>FILE NAME:</p> <p>MecE265_Ass01_dnobes</p>		<p>TA Initials</p> <p>DSN</p> <p>zacha</p> <p>September 7, 2021 10:33:58 AM</p> <p>December 29, 2019 12:49:16 PM</p>		<p>SIZE</p> <p>B</p>		<p>Assignment Number</p> <p>Assignment_01</p>	
				<p>REV</p> <p>2</p>		<p>SCALE: 3:2</p> <p>Mass: 509.51</p> <p>SHEET 1 OF 1</p>	



Assignment Solution

MecE 265		UNLESS OTHERWISE SPECIFIED:				The Department of Mechanical Engineering	
Instructor: Dr. D.S.Nobes Fall 2021		DIMENSIONS ARE IN MM TOLERANCES: ANGULAR: $\pm 0.5^\circ$ LINEAR X = ± 0.5 X.X = ± 0.1 X.XX = ± 0.025		David S. Nobes		UNIVERSITY OF ALBERTA	
Comments: Only make one of these		SURFACE FINISH μm 0.6 ✓		Lab Day	ALL	TITLE: The Bracket Part	
		DO NOT SCALE DRAWING		SM By	D.S.Nobes		
MATERIAL: Brass		dnobes		TA Initials	DSN	SIZE B	Assignment Number Assignment_01
FILE NAME: MecE265_Ass01_dnobes		September 7, 2021 10:33:58 AM December 29, 2019 12:49:16 PM				REV 2	
				SCALE: 3:2		Mass: 509.51	SHEET 1 OF 1