



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: July 5, 2022

AUTOMark Assessment Grade: 278 out of 290

AUTOMark Recommended Grade: 96 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: 23-Dec-2020 16:08:23

DRAWING LAST SAVE DATE: 29-Jun-2022 11:46:15

MODEL CREATION DATE: 09-Jun-2016 09:39:47

MODEL LAST SAVE DATE: 13-Aug-2021 16:01:41

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):

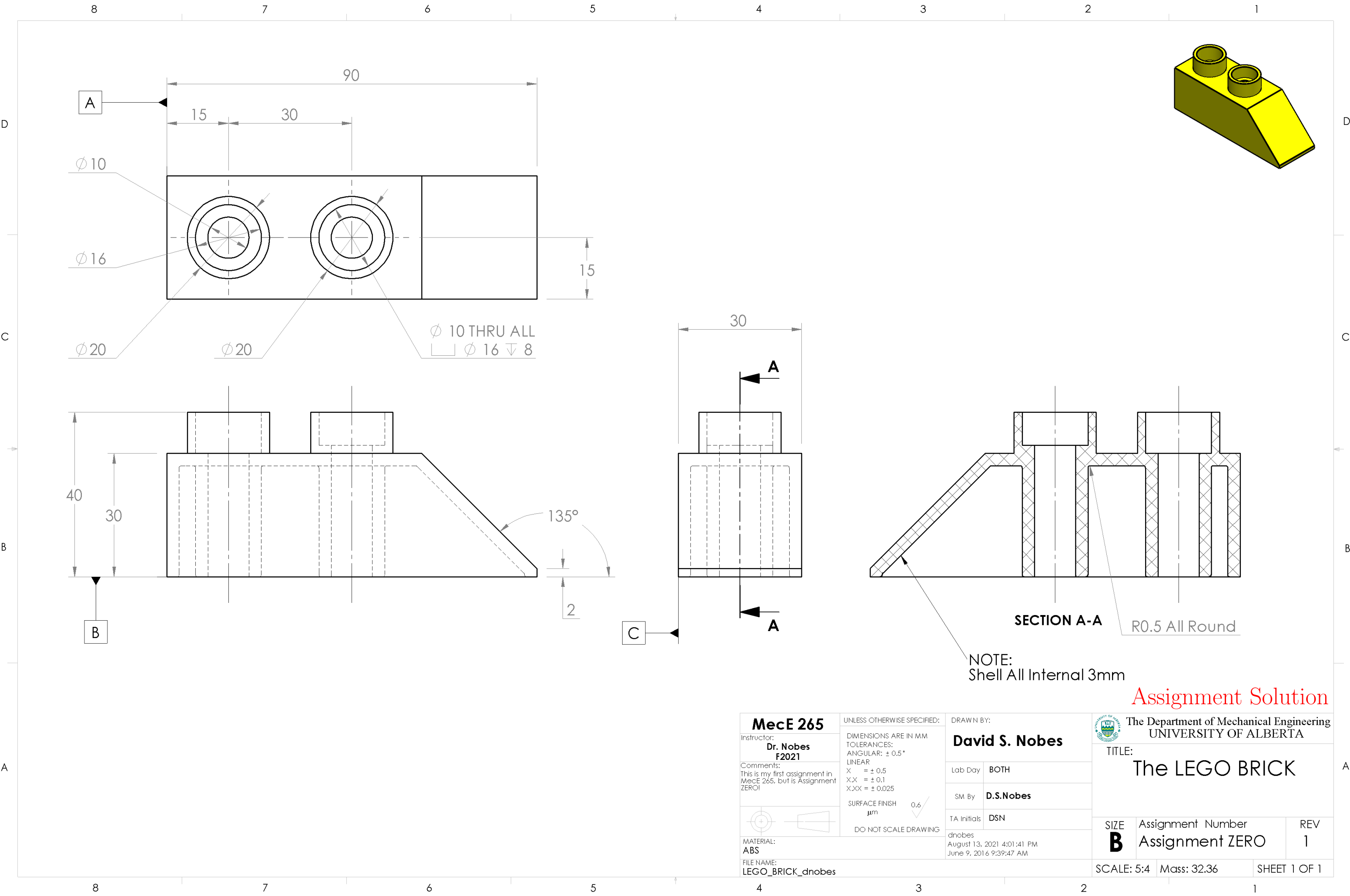
- DRAWING: SheetOrder, ExtraSheets
- SHEET: SheetPaperSize, SheetScale, SheetTemplate, SheetExtraBOMS, SheetExtraViews, SheetViewTypes, SheetIntersectingBallons
- BILLOFMATERIALS: BOMTableType, BOMNumberColumns, BOMNumberRows, BOM-Position, BOMTableHeight, BOMTableWidth, BOMFontType, BOMFontSize
- VIEW: 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



A



Assignment Solution

<div>MecE 265</div> <div>Instructor: Dr. Nobes F2021</div> <div>Comments: This is my first assignment in MecE 265, but is Assignment ZERO!</div> <div></div> <div>MATERIAL: ABS</div> <div>FILE NAME: LEGO_BRICK_dnobes</div>		<div>UNLESS OTHERWISE SPECIFIED:</div> <div>DIMENSIONS ARE IN MM TOLERANCES: ANGULAR: ± 0.5° LINEAR X = ± 0.5 X.X = ± 0.1 X.XX = ± 0.025</div> <div><div>SURFACE FINISH μm</div><div>0.6</div></div> <div>DO NOT SCALE DRAWING</div>		<div>DRAWN BY:</div> <div>David S. Nobes</div> <div><div>Lab Day</div><div>BOTH</div></div> <div><div>SM By</div><div>D.S.Nobes</div></div> <div><div>TA Initials</div><div>DSN</div></div> <div>dnobes August 13, 2021 4:01:41 PM June 9, 2016 9:39:47 AM</div>		<div>The Department of Mechanical Engineering UNIVERSITY OF ALBERTA</div> <div><div>TITLE:</div><div>The LEGO BRICK</div></div> <div><div><div>SIZE</div><div>B</div></div><div>Assignment Number Assignment ZERO</div><div>REV 1</div></div> <div><div>SCALE: 5:4</div><div>Mass: 32.36</div><div>SHEET 1 OF 1</div></div>	
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