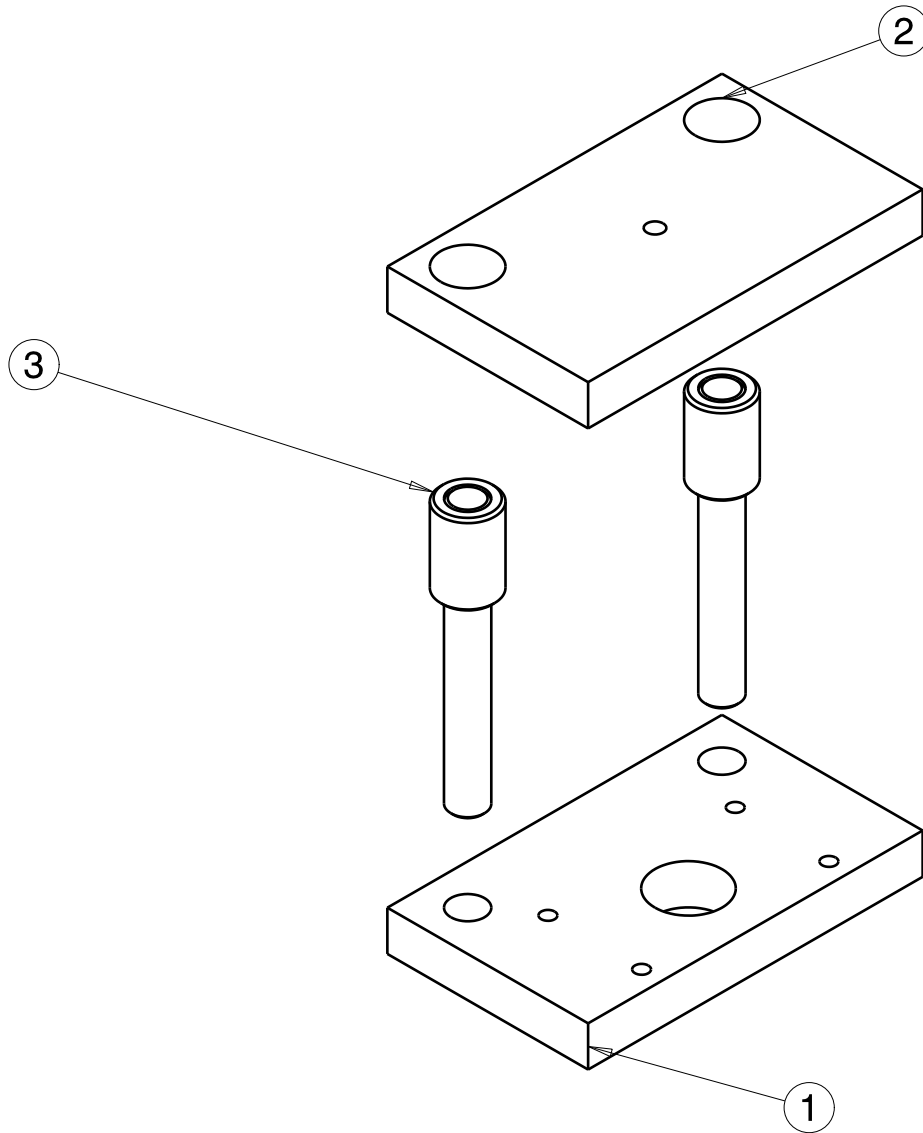


| | | | |
|--------------------------------|---------------|--|-----------------|
| | | EMBRY-RIDDLE AERONAUTICAL UNIVERSITY DAYTONA BEACH, FLORIDA | |
| DATE: 04/15/2024 | SIZE: A | PROJECT NAME: PRESS TOOL | |
| MATERIAL TYPE: N/A | SCALE: 1:3 | ASSEMBLY NAME: MAIN ASSEMBLY | |
| CLASS SECTION: EGR 305 - 01 | QTY: N/A | DRAWN BY: VISHAL RAMISETTY | SHEET: 01/07 |

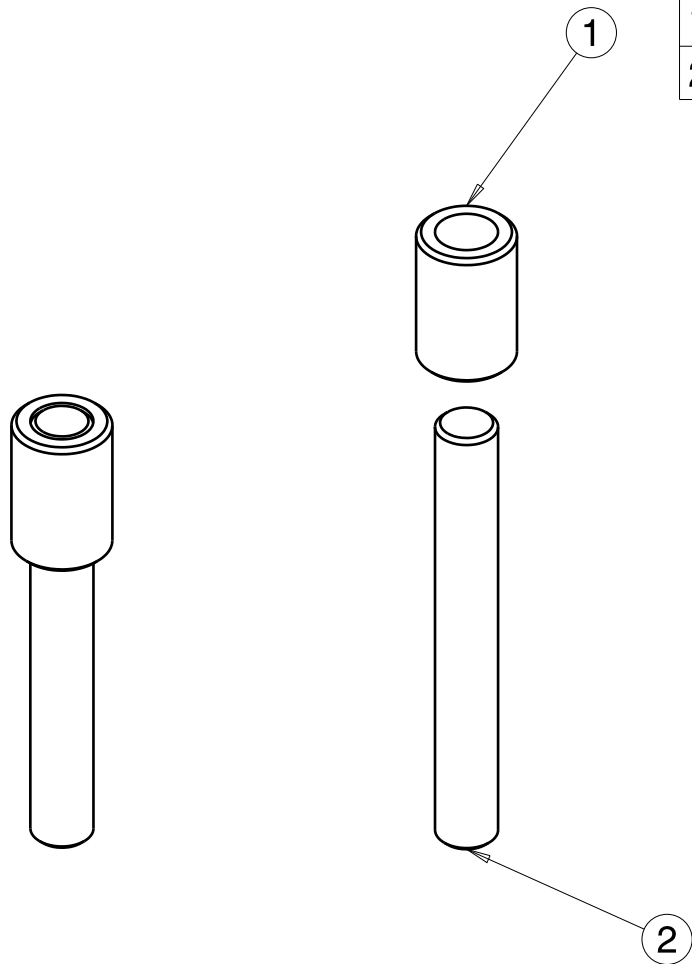


| NO. | NAME | QT. | MATERIAL |
|-----|--------------------|-----|----------|
| 1 | BOTTOM PLATE | 1 | STEEL |
| 2 | TOP PLATE | 1 | STEEL |
| 3 | PILLAR SUBASSEMBLY | 2 | N/A |

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DAYTONA BEACH, FLORIDA

| | | | |
|--------------------------------|---------------|---------------------------------|-----------------|
| DATE: 04/15/2024 | SIZE: A | PROJECT NAME: PRESS TOOL | |
| MATERIAL TYPE: N/A | SCALE: 1:4 | ASSEMBLY NAME: MAIN ASSEMBLY | |
| CLASS SECTION: EGR 305 - 01 | QTY: N/A | DRAWN BY: VISHAL RAMISETTY | SHEET: 02/07 |

| NO. | NAME | QT. | MATERIAL |
|-----|--------------|-----|----------|
| 1 | GUIDE BUSH | 1 | BRONZE |
| 2 | GUIDE PILLAR | 1 | TITANIUM |



| | | | |
|--|---------------|--------------------------------------|-----------------|
| EMBRY-RIDDLE AERONAUTICAL UNIVERSITY DAYTONA BEACH, FLORIDA | | | |
| DATE: 04/15/2024 | SIZE: A | PROJECT NAME: PRESS TOOL | |
| MATERIAL TYPE: N/A | SCALE: 1:3 | ASSEMBLY NAME: PILLAR SUBASSEMBLY | |
| CLASS SECTION: EGR 305 - 01 | QTY: 2 | DRAWN BY: VISHAL RAMISETTY | SHEET: 03/07 |

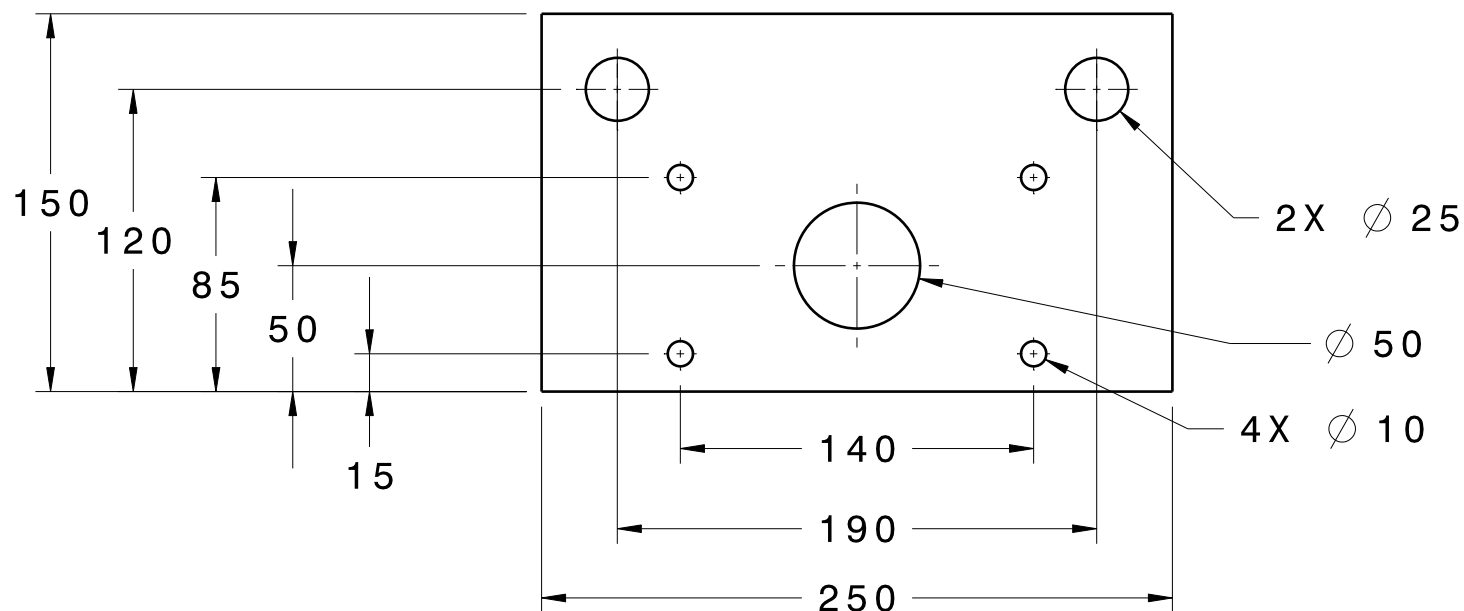
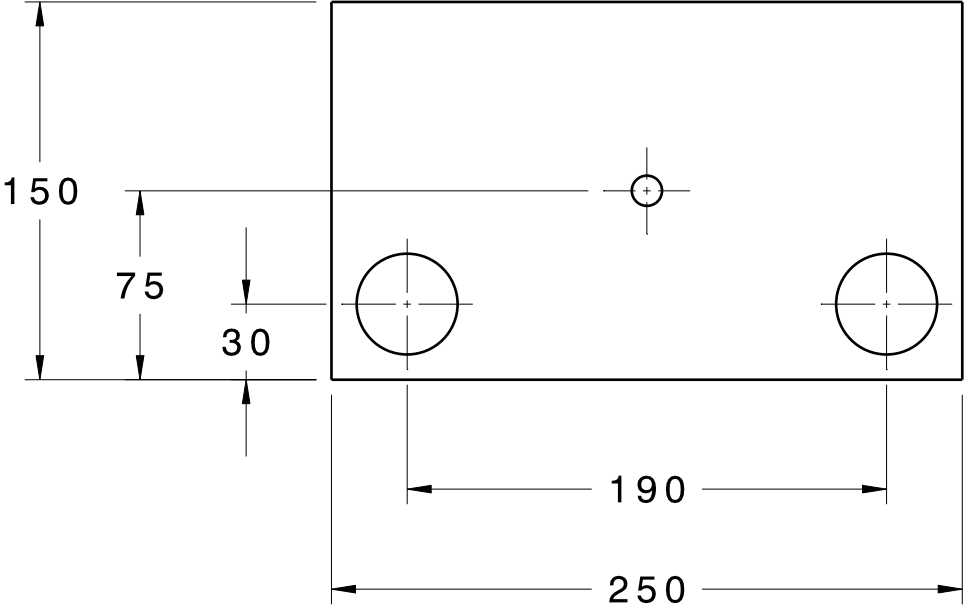
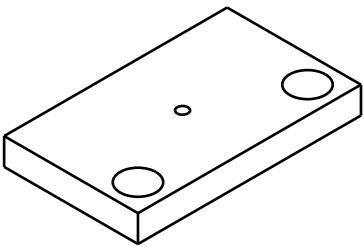


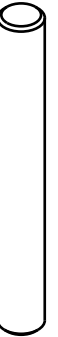
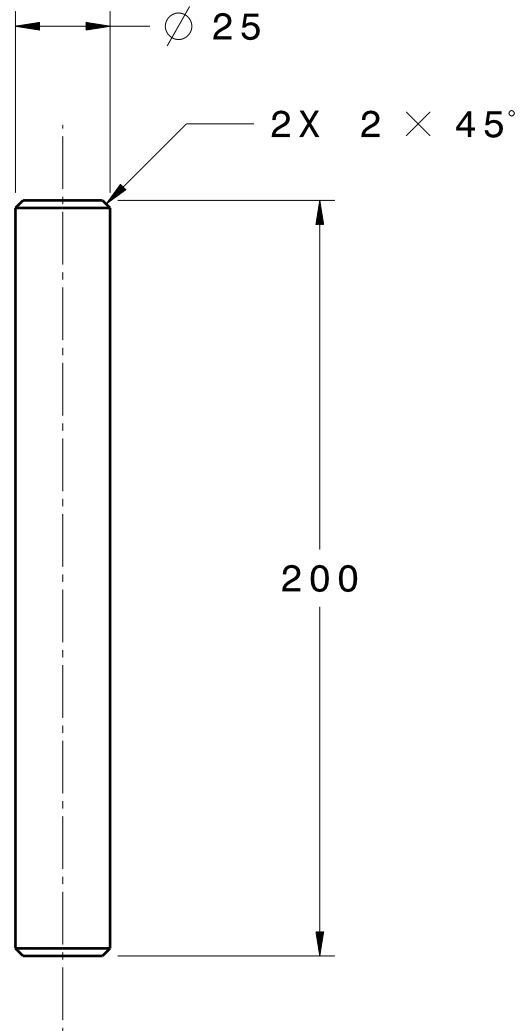
PLATE THICKNESS: 30
ALL HOLES THRU.

| | | | | | |
|---|--|---------------------------------------|----------------------|--------------------------------------|------------------------|
| NOTES: 1.) ALL DIMENSIONS ARE IN MILIMETERS UNLESS OTHERWISE NOTED | DIMENSION TOLERANCE UNLESS OTHERWISE NOTED: | DATE: 04/16/2024 | SIZE: A | PROJECT NAME: PRESS TOOL | |
| | INTEGER: ± .1 ANGULAR: ± 1° | MATERIAL TYPE: STEEL | SCALE: 1:3 | PART NAME: BOTTOM PLATE | |
| | | CLASS SECTION: EGR 305 - 01 | QTY: 01 | DRAWN BY: VISHAL RAMISETTY | SHEET: 04/07 |

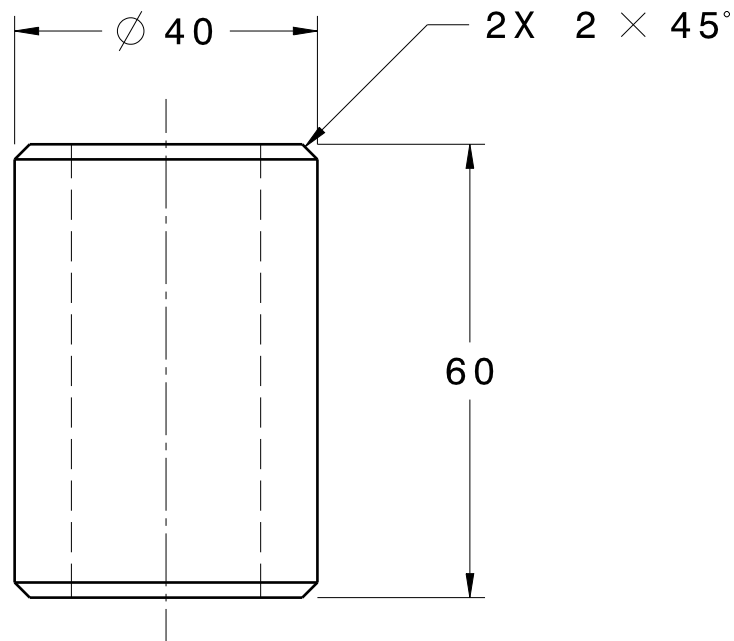
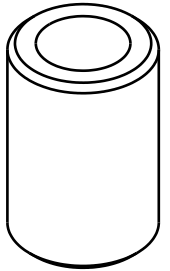


NOTE:
PLATE THICKNESS: 30
ALL HOLES THRU.

| | | | | | |
|--|--|--|--|--|-----------------|
| <div>NOTES: 1.) ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED</div> | | <div>DIMENSION TOLERANCE UNLESS OTHERWISE NOTED: INTEGER: ± .1 ANGULAR: ± 1°</div> | | EMBRY-RIDDLE AERONAUTICAL UNIVERSITY DAYTONA BEACH, FLORIDA | |
| | | | | PROJECT NAME: | PRESS TOOL |
| | | | | PART NAME: | TOP PLATE |
| DATE: 04/16/2024 | | MATERIAL TYPE: STEEL | | SIZE: A | SCALE: 1:3 |
| CLASS SECTION: EGR 305 - 01 | | QTY: 01 | | DRAWN BY: VISHAL RAMISETTY | SHEET: 05/07 |



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|---|--|--------------------------------|---------------|--|-----------------|--|
| | | | | EMBRY-RIDDLE AERONAUTICAL UNIVERSITY DAYTONA BEACH, FLORIDA | | |
| NOTES: 1.) ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED | DIMENSION TOLERANCE UNLESS OTHERWISE NOTED: INTEGER: ± .1 ANGULAR: ± 1° | DATE: 04/16/2024 | SIZE: A | PROJECT NAME: PRESS TOOL | | |
| | | MATERIAL TYPE: STEEL | SCALE: 1:2 | PART NAME: GUIDE PILLAR | | |
| | | CLASS SECTION: EGR 305 - 01 | QTY: 02 | DRAWN BY: VISHAL RAMISETTY | SHEET: 06/07 | |



NOTE:

CENTER HOLE: \varnothing 25

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| | | | | | |
|---|---|--------------------------------|---------------|-------------------------------|-----------------|
| NOTES: 1.) ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED | DIMENSION TOLERANCE UNLESS OTHERWISE NOTED: INTEGER: $\pm .1$ ANGULAR: $\pm 1^\circ$ | DATE: 04/16/2024 | SIZE: A | PROJECT NAME: PRESS TOOL | |
| | | MATERIAL TYPE: STEEL | SCALE: 1:1 | PART NAME: GUIDE PILLAR | |
| | | CLASS SECTION: EGR 305 - 01 | QTY: 02 | DRAWN BY: VISHAL RAMISETTY | SHEET: 07/07 |