

| Part No. | | Part | Amount | Material | Dimensions | Weight |
|----------|--|------------------------------|--------|---------------------------------|--------------|----------|
| 1 | | Frame Top/Bottom | 4 | Steel Flat Bar 120x10mm | 480mm | 15.36 kg |
| 2 | | Frame Top/Bottom | 4 | Steel Flat Bar 120x10mm | 320mm | 10.24 kg |
| 3 | | Frame Top/Bottom Angled | 4 | Steel Flat Bar 120x10mm | 320mm | 9.60 kg |
| 4 | | Frame Top/Bottom Trapeze | 4 | Steel Flat Bar 120x10mm | 100/220mm | |
| 5 | | Frame Bottom Support Jack | 1 | Steel Flat Bar 120x10mm | 210mm | 1.68 kg |
| 6 | | Frame Leg | 4 | Steel Square Tube 40x40x4mm | 1240 mm | 20.80 kg |
| 7 | | Frame Feet | 4 | Steel Square Tube 40x40x2mm | 45 mm | |
| 8 | | Frame Side Brace | 2 | Steel Square Tube 40x40x4mm | 400 mm | 3.33 kg |
| 9 | | Frame Front/Back Brace | 2 | Steel Square Tube 40x40x2mm | 220 mm | 1.80 kg |
| 10 | | Cover Sheet Front | 1 | Steel Sheet 1.5mm | 351 x 248 mm | |
| 11 | | Cover Sheet Front Hinge | 2 | Steel Sheet 1.5mm | 40x30 mm | |
| 12 | | Cover Sheet Back | 1 | Steel Sheet 1.5mm | 351 x 248 mm | |
| 13 | | Cover Sheet Side | 2 | Steel Sheet 1.5mm | 348 x 408 mm | |
| 14 | | Cover Sheet Bottom | 1 | Steel Sheet 1.5mm | 408 x202 mm | |
| 15 | | Cover Sheet Bottom Guide | 4 | Steel Square Tube / CUT | 236x38x40mm | |
| 16 | | Cover Sheet Middle | 1 | Steel Sheet 1.5mm | 480 x 320 mm | |
| 17 | | Cover Sheet Top | 1 | Steel Sheet 1.5mm | 480 x 320 mm | |
| 18 | | Cover Heating Element Bottom | 1 | Steel Flat Bar 120x10mm | 120 x 120 mm | |
| 19 | | Cover Heating Element Top | 2 | Steel Flat Bar 120x10mm | 120 x 59 mm | |
| 20 | | Box Heating Element Bottom | 2 | Steel Flat Bar 120x10mm | 100 x 51 mm | |
| 21 | | Box Heating Element Bottom | 2 | Steel Flat Bar 120x10mm | 120 x 51 mm | |
| 22 | | Box Heating Element Bottom | 1 | Steel Flat Bar 120x10mm | 120 x 120 mm | |
| 23 | | Compression Spring | 4 | Stainless Steel 7.5x5x20mm | | |
| 24 | | Block Heating Element | 2 | Aluminium Sheet 35mm | 90 x 90 mm | |
| 25 | | Guide Heating Element Bottom | 2 | Plywood Sheet 18 mm | 157 x 158 mm | |
| 26 | | Guide Heating Element Bottom | 2 | Plywood Sheet 18 mm | 157 x 122 mm | |
| 27 | | Pipe Connector | 1 | Wall Mount | Ø 42.4 mm | |
| 28 | | Handle Jack | 1 | Steel Tube Ø 20mm | 500 mm | |
| 29 | | Release Jack | 1 | Steel Tube Ø 18mm | 300 mm | |
| 30 | | Release Jack | 1 | Steel Rod Ø 10mm | 100 mm | |
| 31 | | Pneumatic Button | 1 | Steel Flat Bar 25x5 mm | 150 mm | |
| 32 | | Hydraulic Jack - 18t | 1 | with pneumatic motor (8-9.5bar) | 260-535 mm | 14.10 kg |
| 33 | | Cartridge Heater | 2 | 400w - 220v | Ø12x80mm | |
| 34 | | PID Controller | 1 | | | |
| 35 | | Solid State Relais | 1 | | | |
| 36 | | Thermocouple | 1 | | | |
| 37 | | On/Off Switch | 1 | | | |
| 38 | | Cable | | | | |
| 39 | | Power Plug | 1 | | | |
| 40 | | Bolt M4x8mm | 62 | Countersink Head | | |
| 41 | | Bolt M5x20mm | 20 | Cylinder Head | | |
| 42 | | Bolt M5x50mm | 4 | Cylinder Head | | |
| 43 | | Bolt M8x70mm | 2 | Hexagonal Head | | |
| 44 | | Bolt M8x10mm | 1 | Cylinder Head | | |
| 45 | | Wood Screw 4x40mm | 8 | Countersink Head | | |

| Machine | | Description | |
|--------------------|--|---------------|---------------|
| BIO PRESS | | Main Assembly | |
| Projection Method | | Release Date | Drawing No. |
| | | 07.01.20 | BP-V1 0000.00 |
| General Tolerances | | Doc. Type | Units |
| | | Table | mm |
| | | | A3 |
| | | | Scale |
| | | | Sheet |
| | | | 2/2 |



A

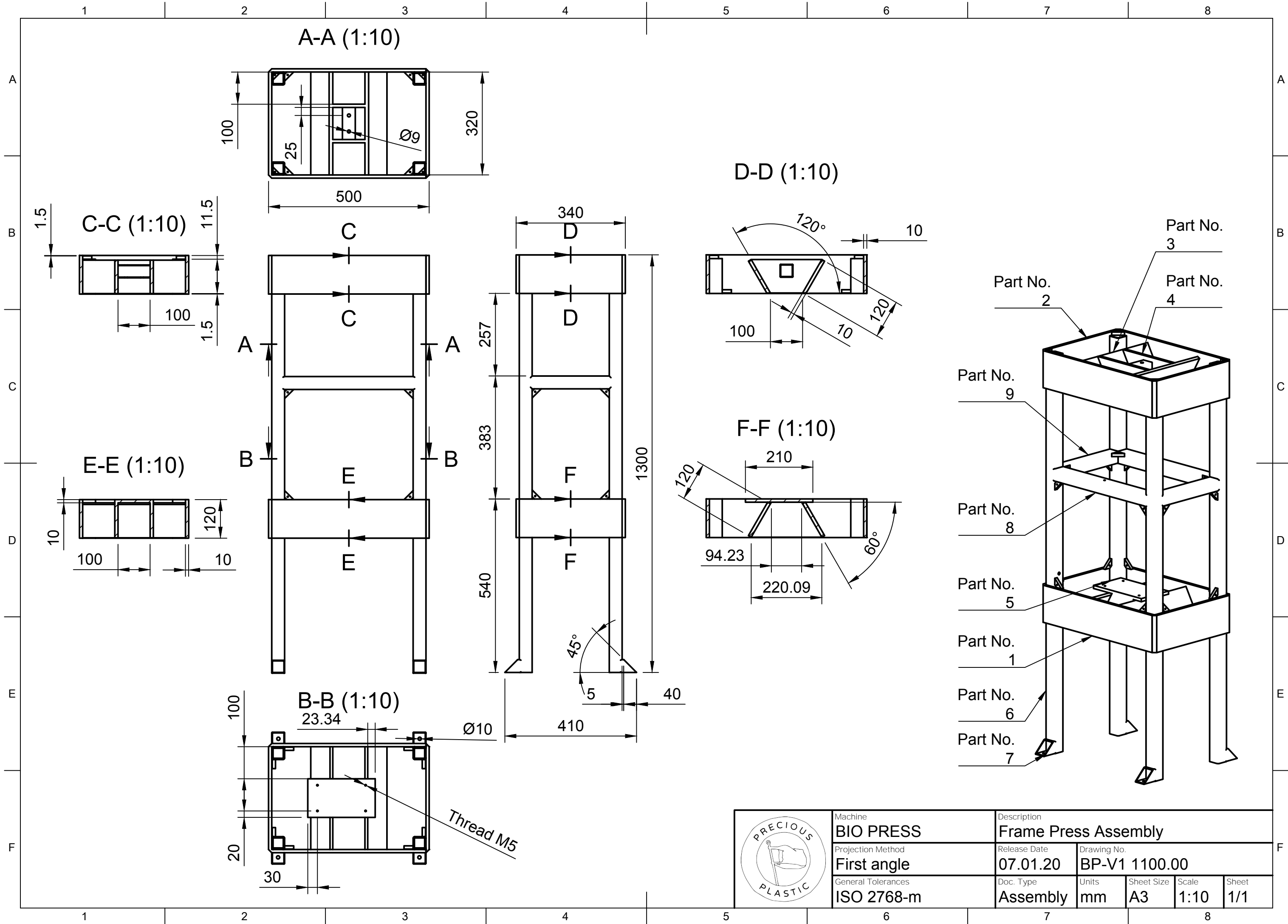
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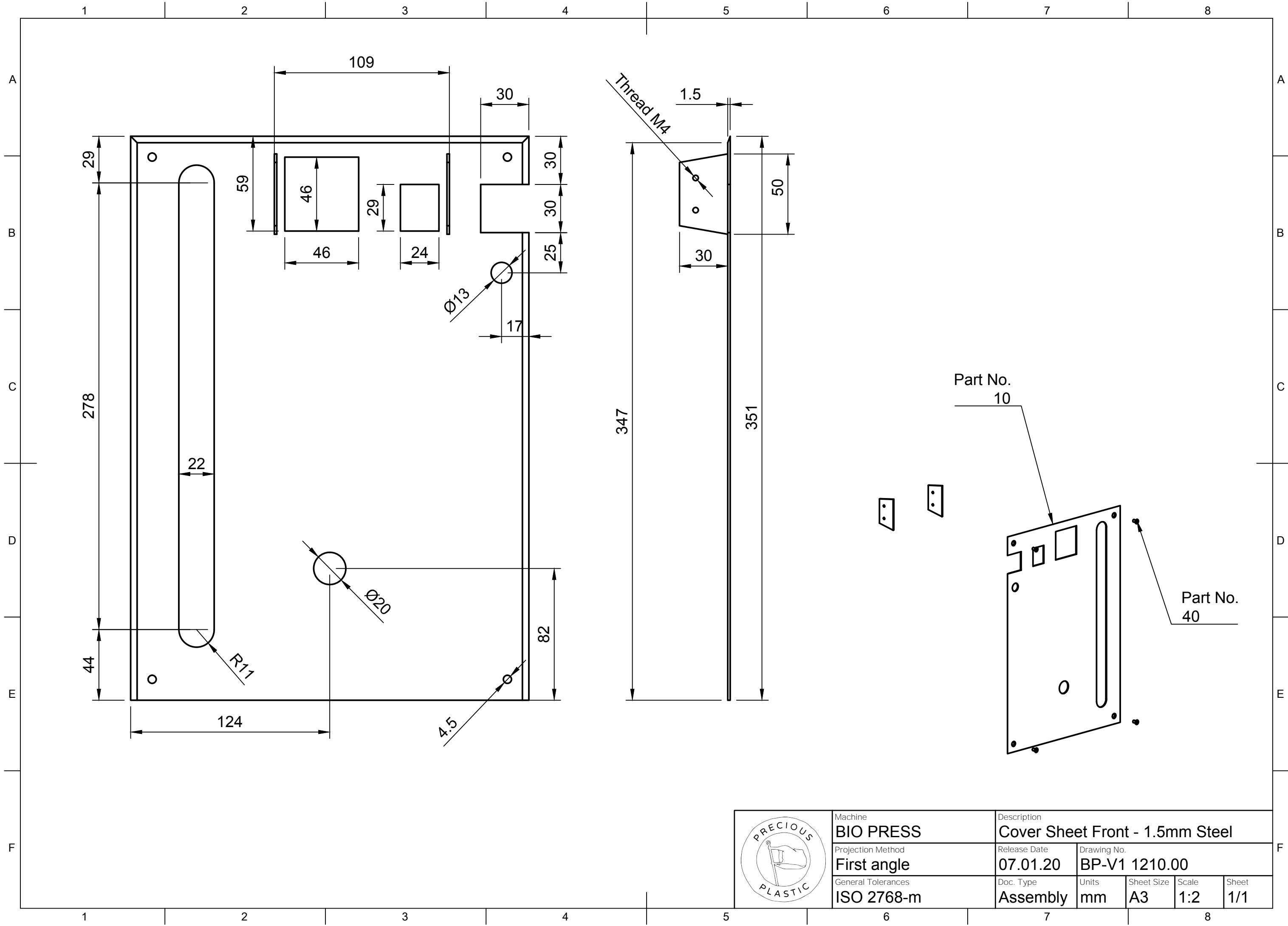
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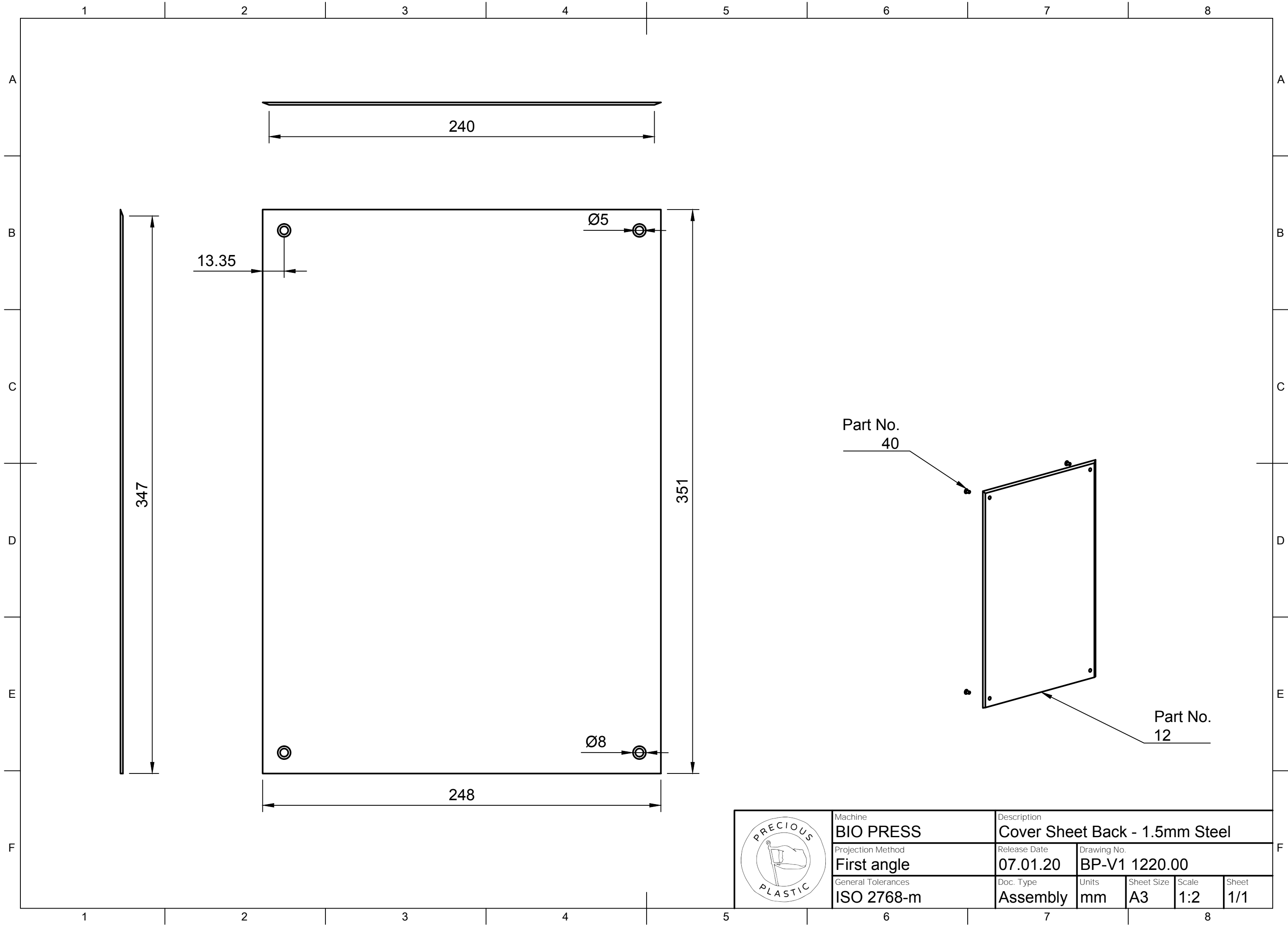
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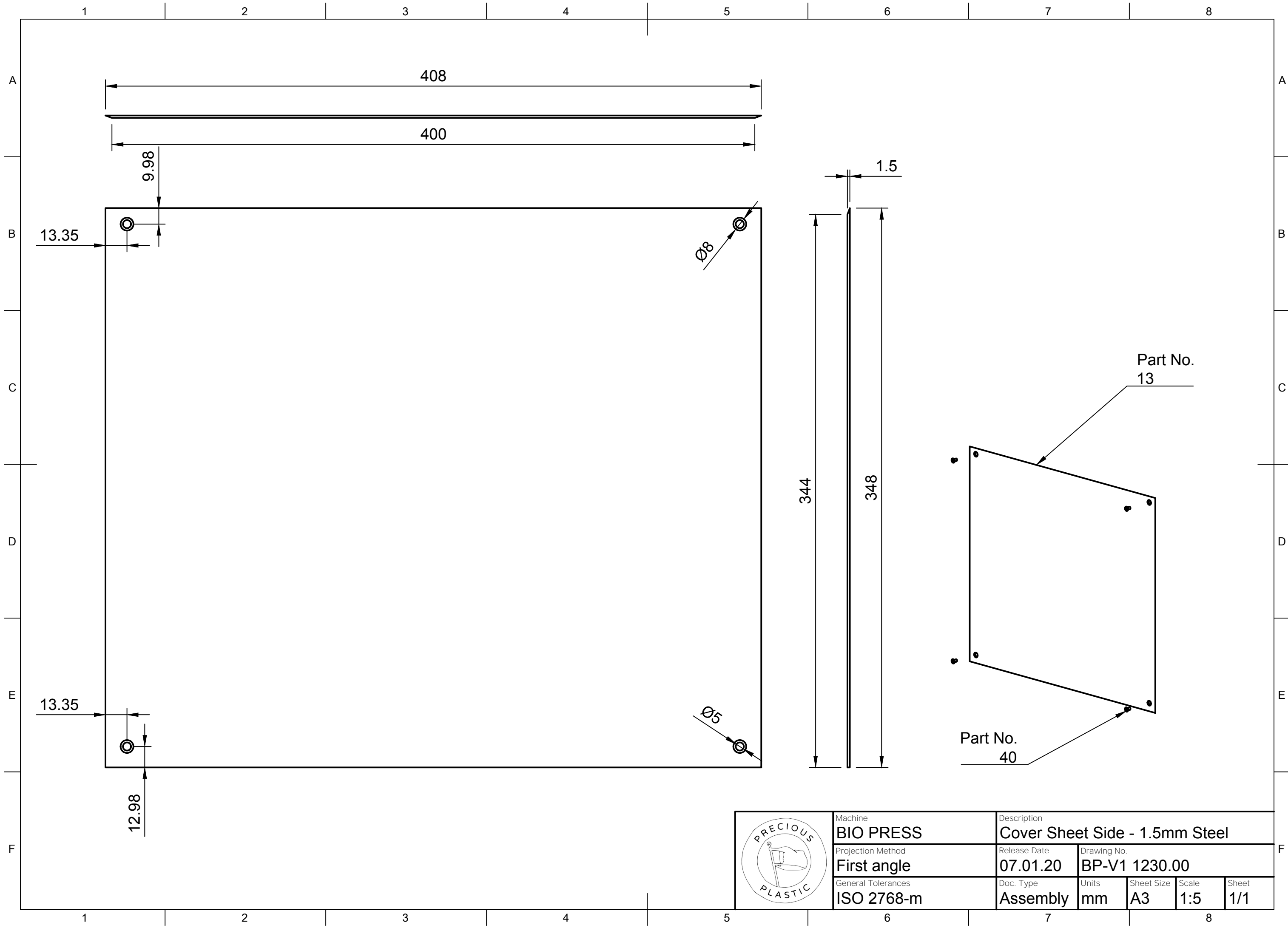




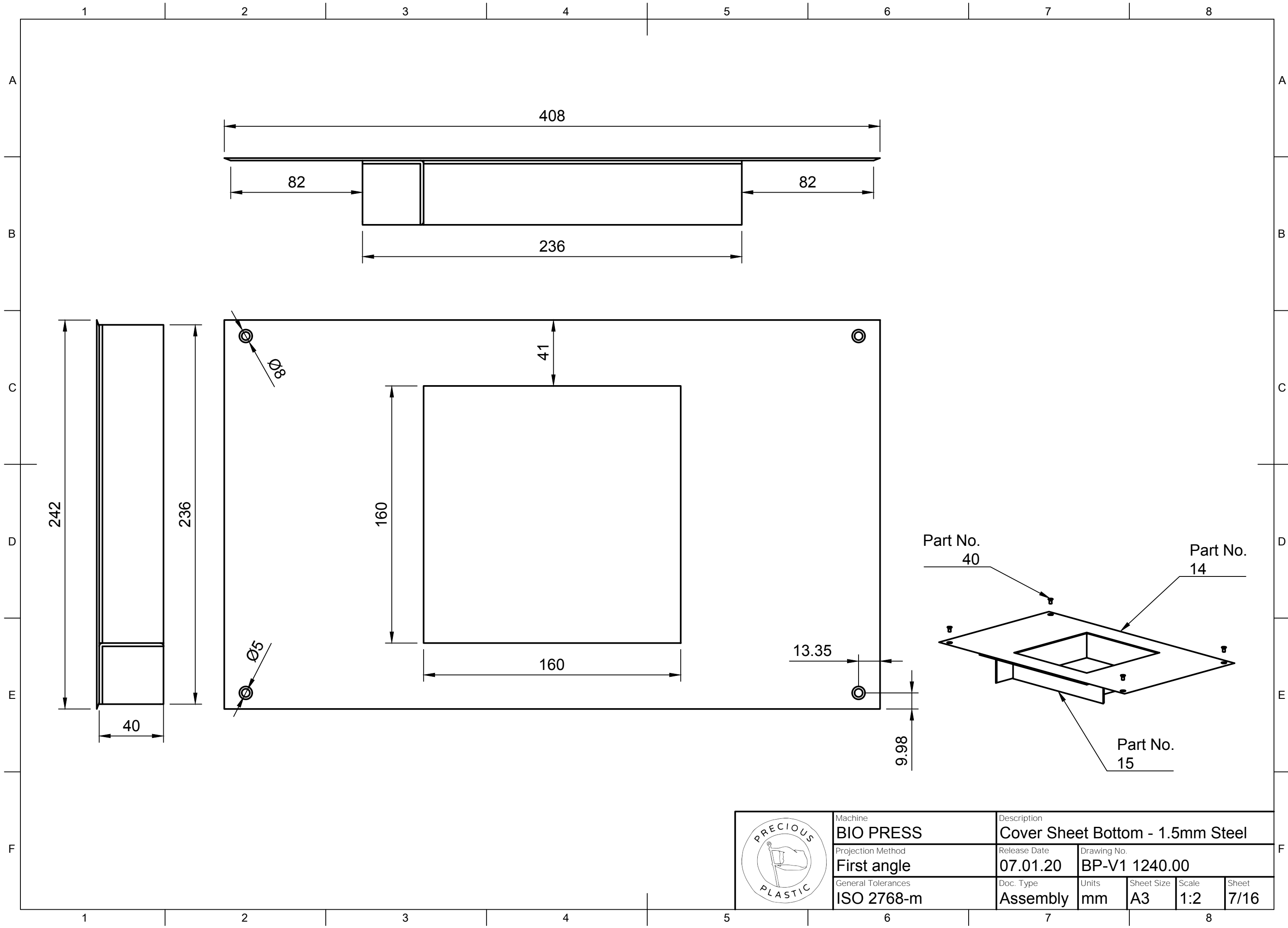
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|--------------------|--|---------------------------------|---------------|------------|-------|
| Machine | | Description | | | |
| BIO PRESS | | Cover Sheet Front - 1.5mm Steel | | | |
| Projection Method | | Release Date | Drawing No. | | |
| First angle | | 07.01.20 | BP-V1 1210.00 | | |
| General Tolerances | | Doc. Type | Units | Sheet Size | Scale |
| ISO 2768-m | | Assembly | mm | A3 | 1:2 |
| | | | | | Sheet |
| | | | | | 1/1 |

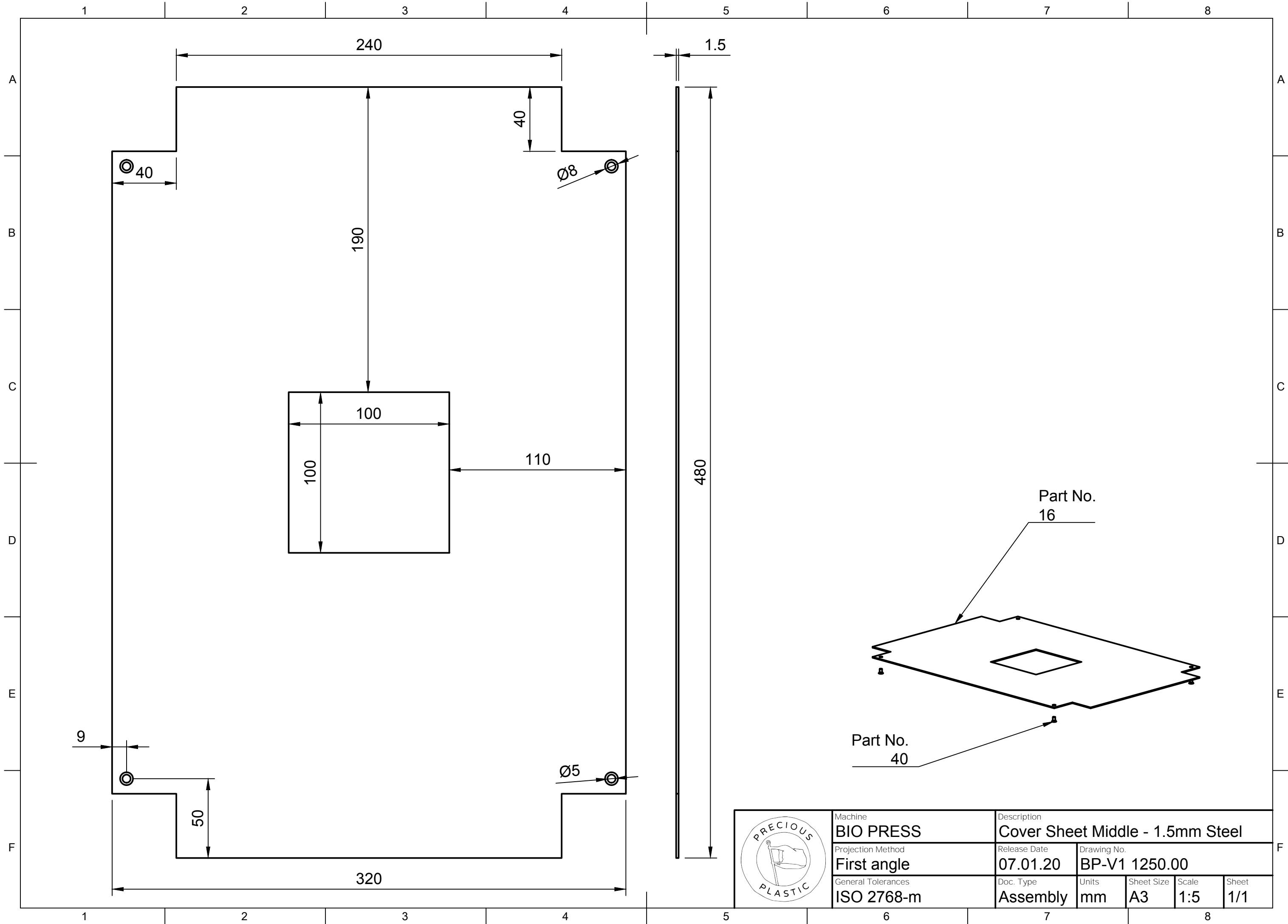


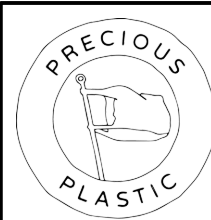
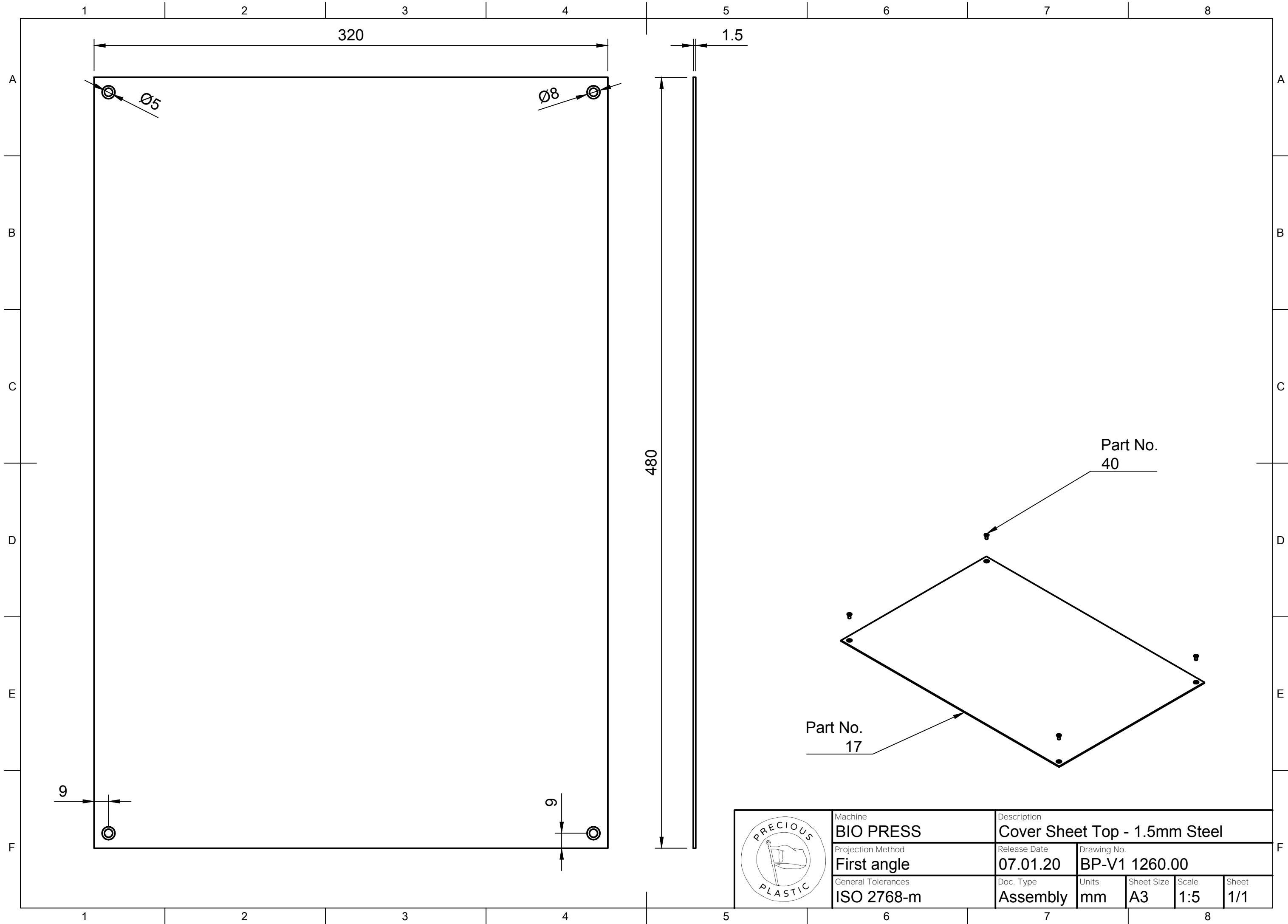
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|---|--------------------|--|--------------------------------|---------------|------------|-------|
|  | Machine | | Description | | | |
| | BIO PRESS | | Cover Sheet Back - 1.5mm Steel | | | |
| | Projection Method | | Release Date | Drawing No. | | |
| | First angle | | 07.01.20 | BP-V1 1220.00 | | |
| | General Tolerances | | Doc. Type | Units | Sheet Size | Scale |
| | ISO 2768-m | | Assembly | mm | A3 | 1:2 |
| | | | | | | Sheet |
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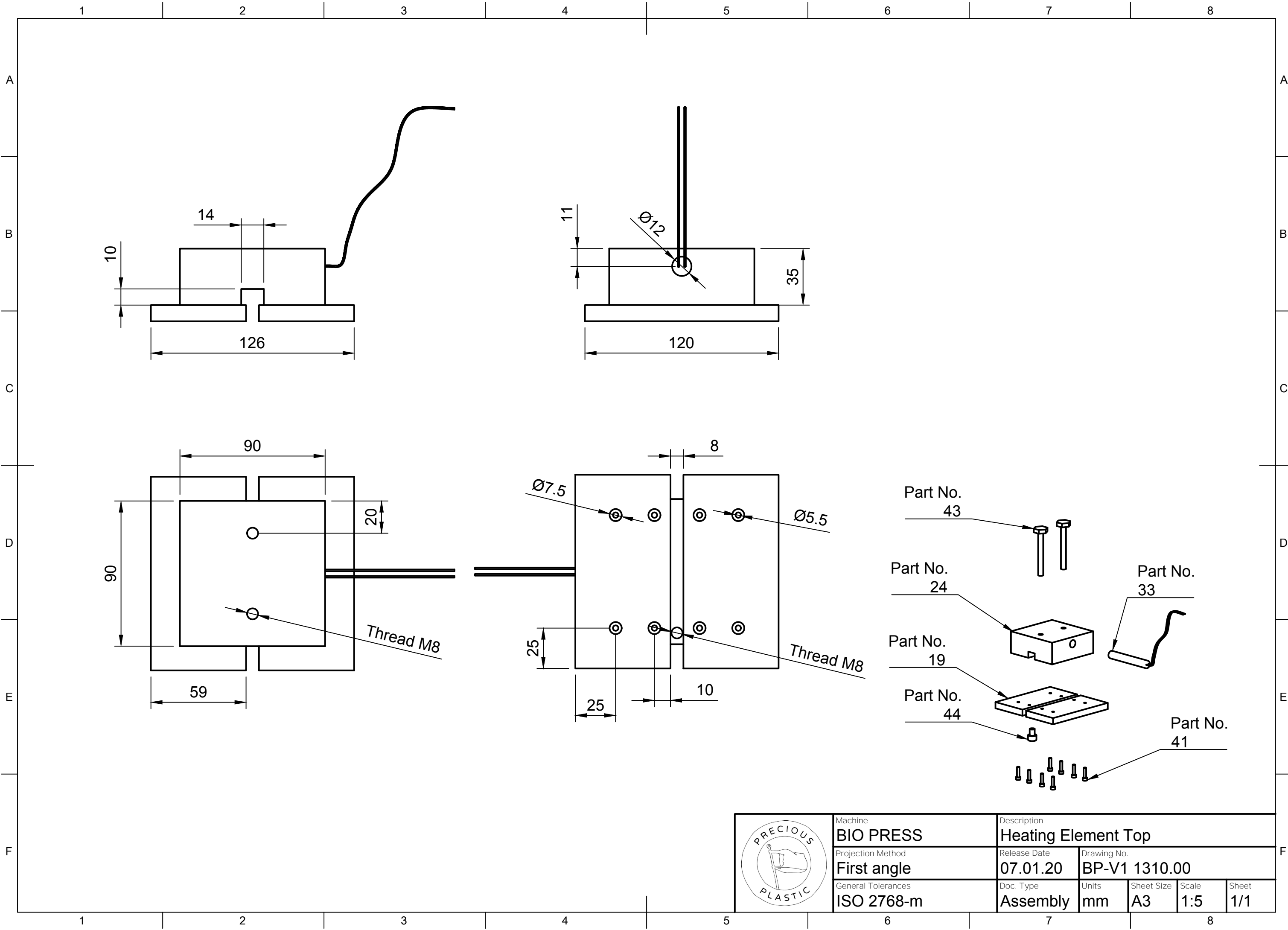
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|  | Machine | | Description | | | | |
| | BIO PRESS | | Cover Sheet Side - 1.5mm Steel | | | | |
| | Projection Method | | Release Date | | Drawing No. | | |
| | First angle | | 07.01.20 | | BP-V1 1230.00 | | |
| | General Tolerances | | Doc. Type | Units | Sheet Size | Scale | Sheet |
| | ISO 2768-m | | Assembly | mm | A3 | 1:5 | 1/1 |




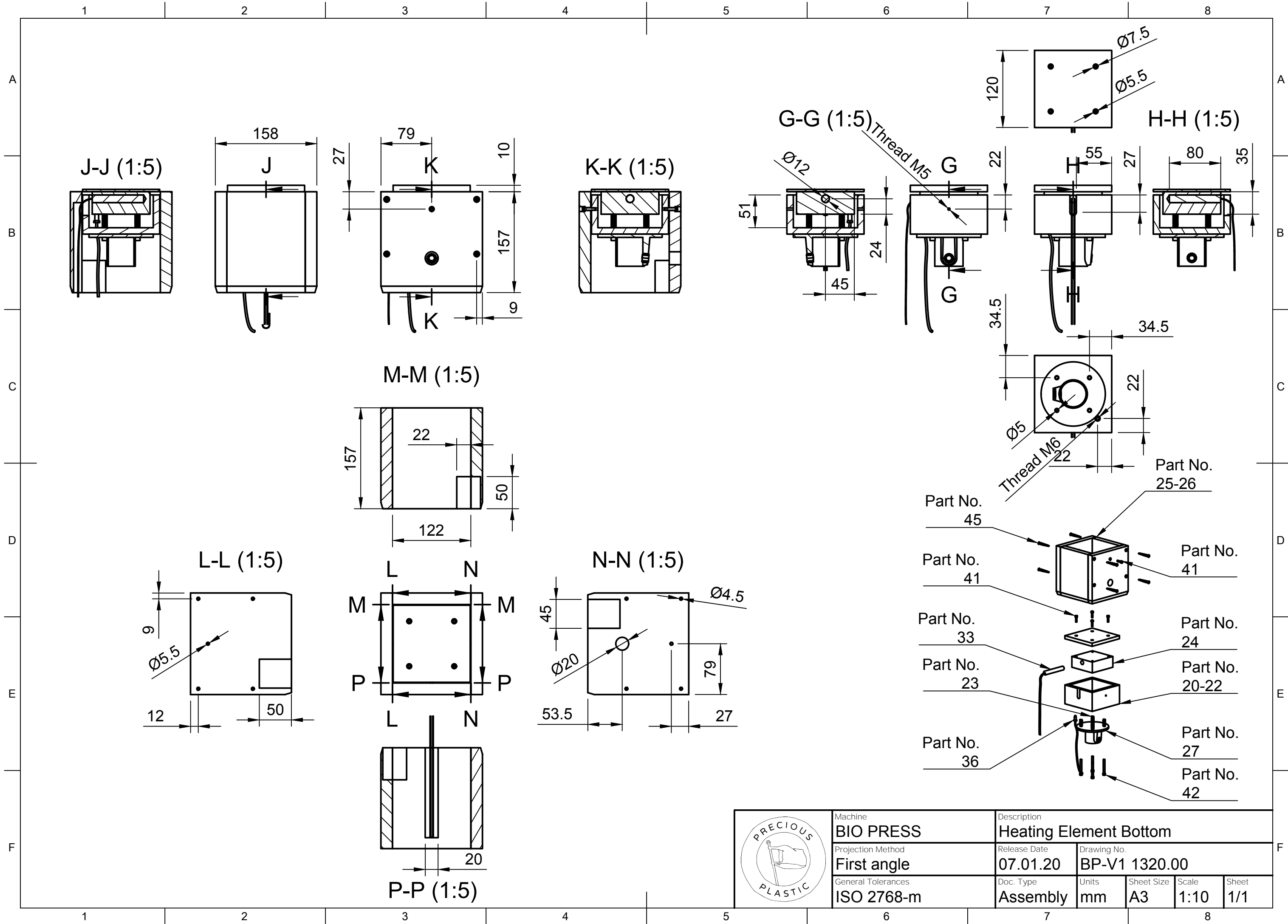


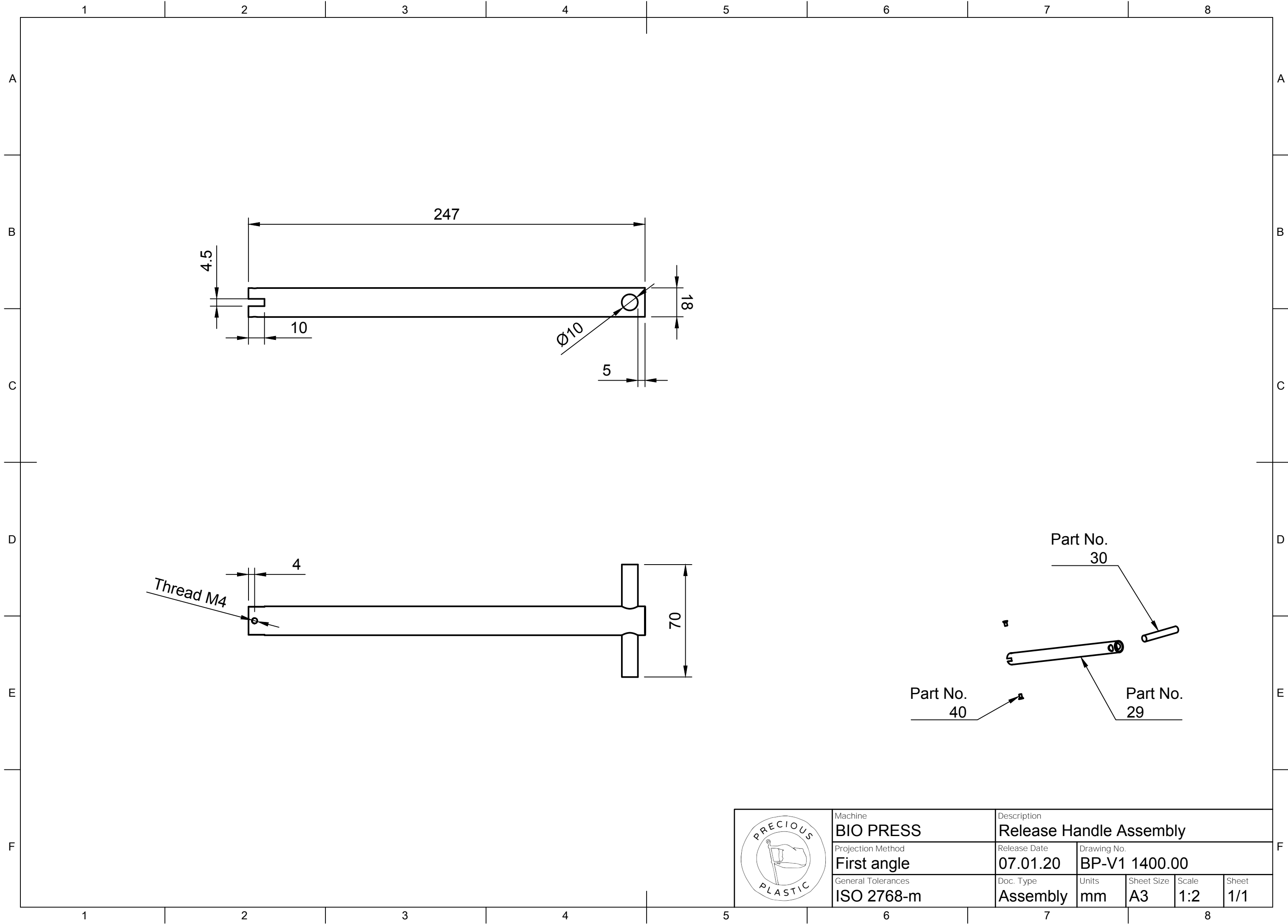


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| Machine | | Description | | | |
| BIO PRESS | | Cover Sheet Top - 1.5mm Steel | | | |
| Projection Method | | Release Date | Drawing No. | | |
| First angle | | 07.01.20 | BP-V1 1260.00 | | |
| General Tolerances | | Doc. Type | Units | Sheet Size | Scale |
| ISO 2768-m | | Assembly | mm | A3 | 1:5 |
| | | | | | Sheet |
| | | | | | 1/1 |

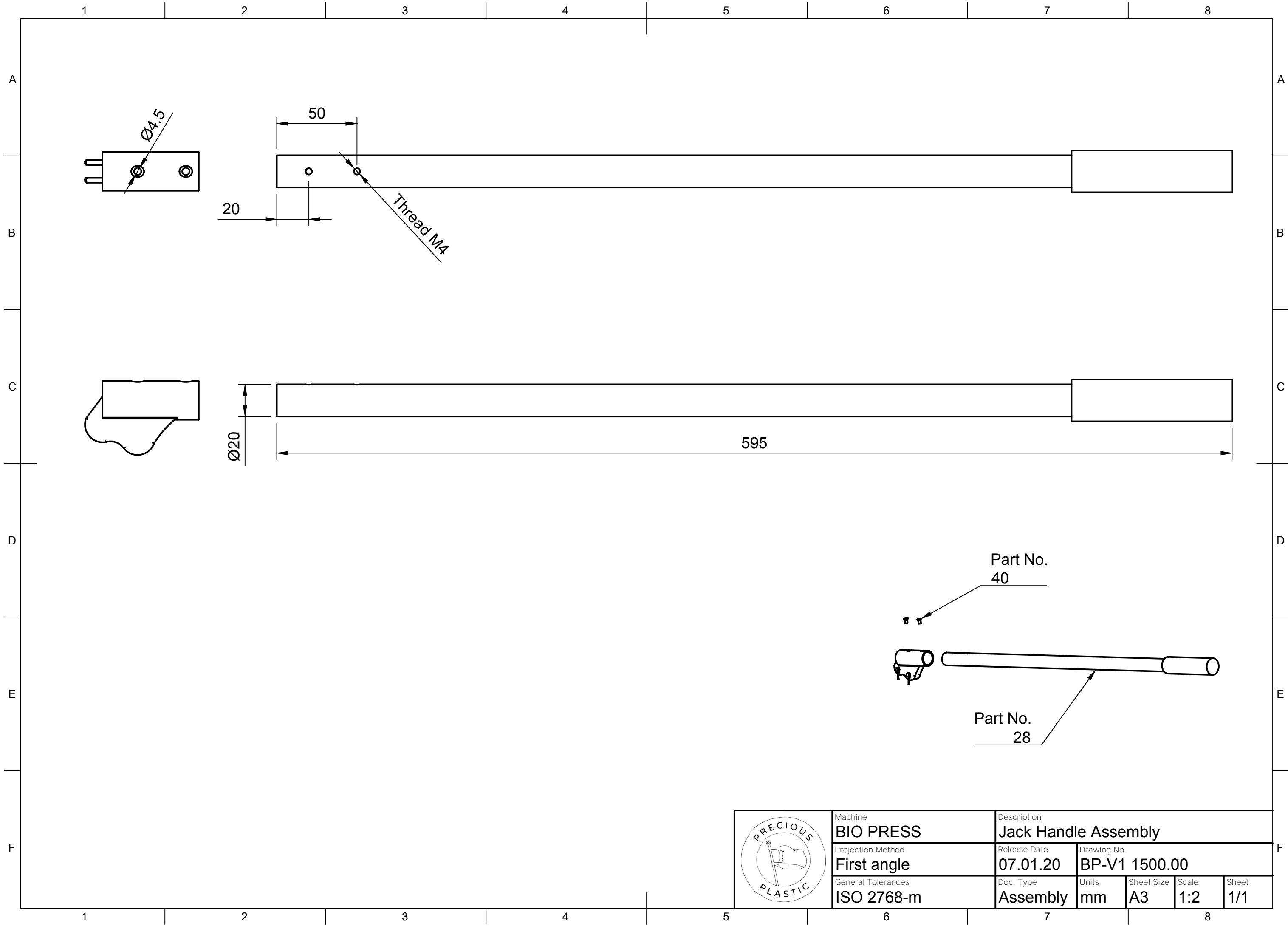


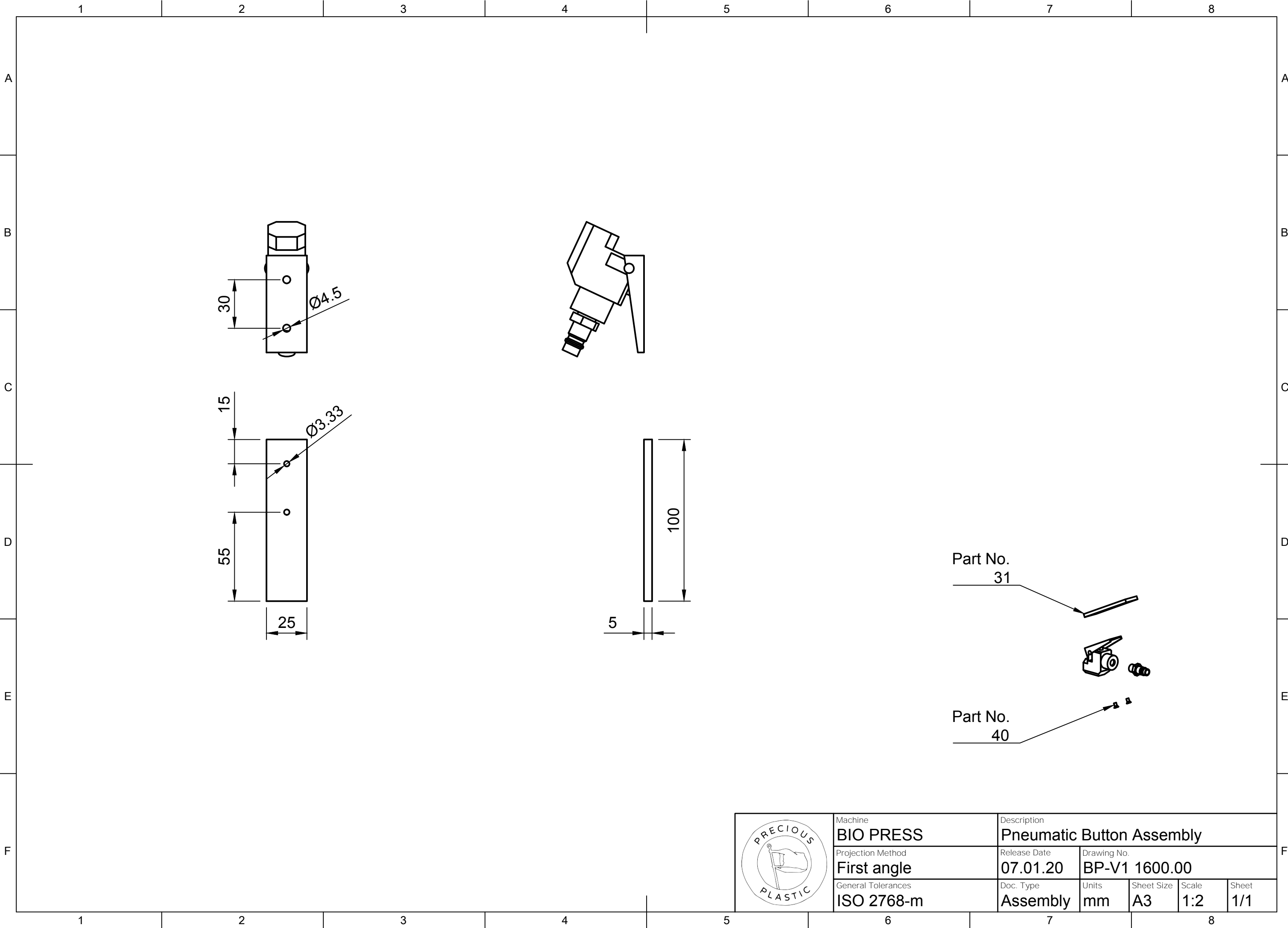
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|---|---|--|---|-------------------------------------|-------------------------|---------------------|
|  | Machine BIO PRESS | | Description Heating Element Top | | | |
| | Projection Method First angle | | Release Date 07.01.20 | Drawing No. BP-V1 1310.00 | | |
| | General Tolerances ISO 2768-m | | Doc. Type Assembly | Units mm | Sheet Size A3 | Scale 1:5 |
| | | | | Sheet 1/1 | | |

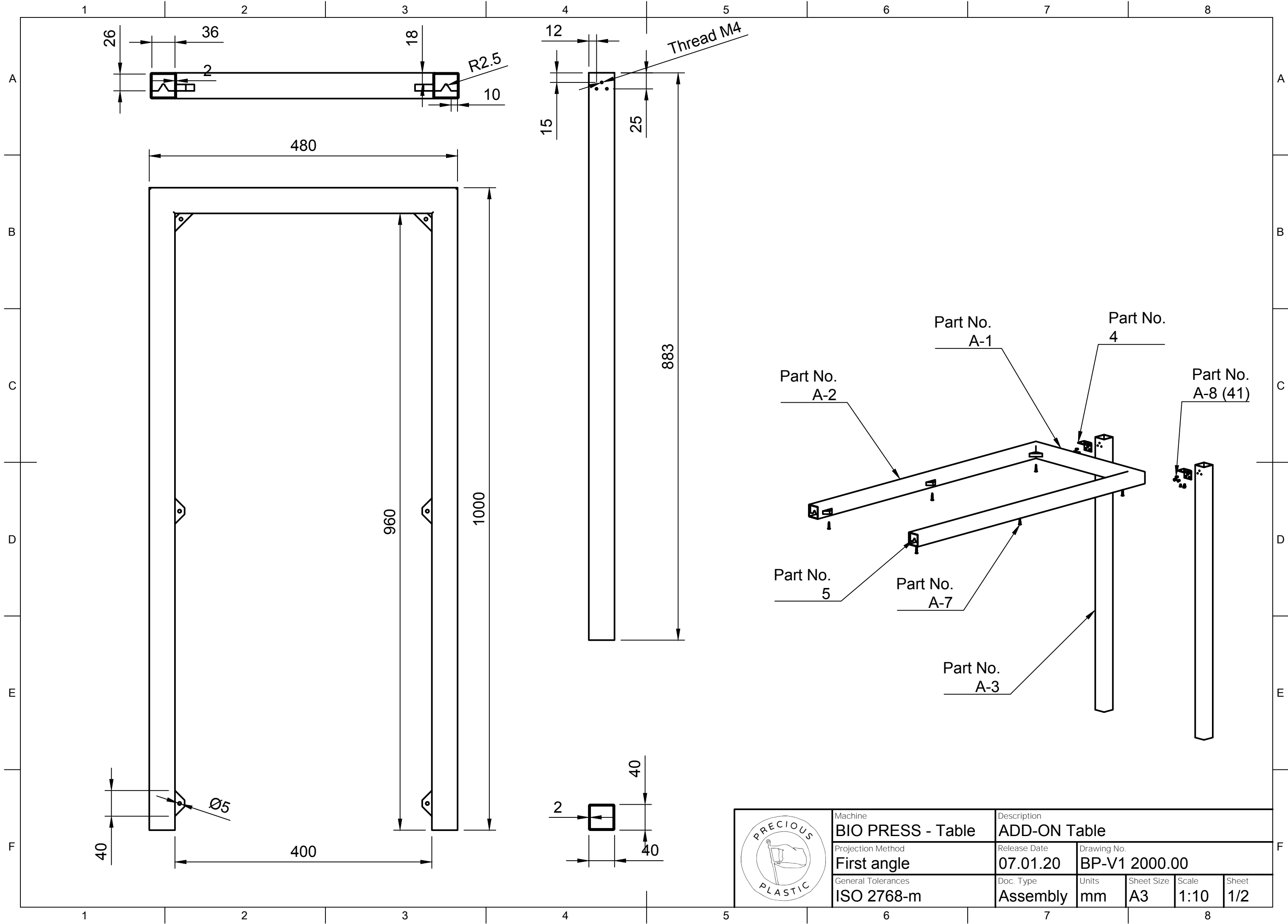




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|--------------------|--|-------------------------|---------------|------------|-------|
| Machine | | Description | | | |
| BIO PRESS | | Release Handle Assembly | | | |
| Projection Method | | Release Date | Drawing No. | | |
| First angle | | 07.01.20 | BP-V1 1400.00 | | |
| General Tolerances | | Doc. Type | Units | Sheet Size | Scale |
| ISO 2768-m | | Assembly | mm | A3 | 1:2 |
| | | | | | Sheet |
| | | | | | 1/1 |







| Part | | Amount | Material | Dimensions | Weight |
|----------|--------------------|--------|--------------------------------|------------|--------|
| Part No. | | | | | |
| A-1 | ADD-ON Frame Table | 1 | Steel Square Tube 40x40x2mm | 480 mm | |
| A-2 | ADD-ON Frame Table | 2 | Steel Square Tube 40x40x2mm | 1000 mm | |
| A-3 | ADD-ON Frame Table | 2 | Steel Square Tube 40x40x2mm | 883 mm | |
| A-4 | ADD-ON Hinge Table | 2 | Hinge 30x30mm | | |
| A-5 | ADD-ON Hook Table | 2 | Steel Sheet 1.5mm | 26x36mm | |
| A-6 | ADD-ON Sheet Table | 1 | Plywood 18mm | 400x960mm | |
| A-7 | Wood Screw 4x25mm | 6 | Countersink Head | | |
| A-8 | Bolt M5x20mm | 2 | Cylinder Head | | |

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| 1 | | 2 | | 3 | | 4 | | 5 | | 6 | |
| A | | B | | C | | D | | E | | F | |
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