## Operator Interface Enclosures

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</table>

*Technical references and CAD downloads available at [www.hammondmfg.com](http://www.hammondmfg.com)*

*All dimensions in inches unless specified otherwise*
Configurations
Series 2000 Modular Console System

The Series 2000 Modular Console System offers designers numerous assembly and configuration choices. This system allows units to be “stacked” in multiple combinations to provide equipment support and display functions exactly where you want them.

How to Configure your System

To configure your system you’ll need to go through the following steps:

**Step 1** - Protection requirements

- Type 4 RAL 7035 light gray = “2CL…” part numbers
- Type 4X stainless steel = “2CS…” part numbers

**Step 2** - Width requirements (24, 36, 48, 60 inch)

**Step 3** - Basic component requirements:

- Bottom - (a) base, (b) dual access base, or (c) pedestal
- Top - (a) standard desk and desk cover, (b) deep desk and desk cover, (c) standard turret, (d) deep turret, (e) standard desk/turret combination, (f) deep desk/turret combination, (g) another base and base cover, or (h) data terminal
- Stand Alone - Console

**Step 4** - External Accessories (if applicable): plinth, footrest, window doors or depth extension

**Step 5** - Internal Accessories (if applicable): electrical mounting panels, electronic mounting rails, swing frames, etc.
Type 4, 4X Mild Steel and Stainless Steel Base Units Series 2000

Modular Console System

Quick Link: hammfg.com/S2CB

Application

- Flexible design provides panel mount or rack mount capabilities for a variety of applications.
- Generally used in combination with other modular console components (i.e. another base, terminal, desk and/or turret).
- Available in either single or dual access format.
- Smooth lines and clean edges provide an attractive, contemporary appearance.

Standards

- UL 508A Type 3R, 4, 12
- CSA Type 3R, 4, 12, 13
- EIA RS-310-D
- Complies with
  - NEMA Type 3R, 4, 12
  - IEC 60529, IP66

Construction

- Formed 14 gauge steel bodies with 14 gauge steel door.
- Also offered with formed 14 gauge 304 stainless steel bodies with 14 gauge 304 stainless steel door.
- Smooth, continuously welded seams.
- Body stiffeners are provided where required for increased strength and rigidity.
- Offered in 4 widths 24", 36", 48" and 60".
- Single access version has solid sides and back, solid door on front, open top, and closed bottom with removable access panel.
- Dual access version is same as above except has solid door on both front and back.
- 24" and 36" widths have single door on the front (and back for dual access) whereas 48" and 60" widths have two outside hinged doors on the front (and back for dual access).
- Doors can be hinged from either side on 24" and 36" units.

- Door profiles provide increased strength and are pre-punched to provide mounting options.
- Formed lip on enclosure excludes flowing liquids and contaminants.
- Slotted quarter turn oil-tight latches secure the door, with optional tamper resistant and locking latches available.
- Stainless steel models utilize stainless steel hardware.
- Oil resistant gaskets are permanently secured.
- Features several internal stud locations for mounting of various accessories.
- A bonding screw is provided on the door and a grounding stud is provided in the enclosure.

Finish

- Available in RAL 7035 light gray textured powder coating and natural stainless steel with a smooth, brushed finish.
- Base Covers are available in the same finishes.

Accessories

- S2000 Internal Components...See Page 155
- S2000 External Components...See Page 159
- Quarter Turn Assemblies...See Page 273
- Quarter Turn Inserts and Keys...See Page 273
- Padlock Adaptors...See Page 272
- Climate Control...See Page 234
- Lighting...See Page 298
- General Accessories...See Page 268

Single Access

<table>
<thead>
<tr>
<th>RAL 7035 Light Gray Part No.</th>
<th>Stainless Steel Part No.</th>
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Dual Access

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Technical references and CAD downloads available at www.hammondmfg.com. All dimensions in inches unless specified otherwise.
Type 4, 4X Mild Steel and Stainless Steel Desk Units

Modular Console System

Quick Link: hammfg.com/S2CD

Application
- Generally used in combination with other modular console components (ie. base, pedestal, and/or turret).
- Provides an ideal sloped surface for mounting keyboards, switches, indicator lights, and/or dials.
- Open top permits mounting of a turret (usually for CRT applications) or an optional hinged desk cover (providing a flat, sturdy desk surface).
- Available in either Standard (will support Standard Turret only) or Deep (will support Deep Turret only) format.
- Smooth lines and clean edges provide an attractive, contemporary appearance.

Standards
- UL 508A Type 3R, 4, 12
- CSA Type 3R, 4, 12, 13
- EIA RS-310-D
- Complies with
  - NEMA Type 3R, 4, 12
  - IEC 60529, IP66

Construction
- Formed 14 gauge steel bodies with 14 gauge steel lid.
- Also offered with formed 14 gauge 304 stainless steel bodies with 14 gauge 304 stainless steel lid.
- Smooth, continuously welded seams without knockouts or holes.
- Body stiffeners are provided where required for increased strength and rigidity.
- Offered in 4 widths 24", 36", 48" and 60".
- Solid sides and back, lid on sloped top area, open on flat top area, bottom is solid under lid area and open under flat top area.
- Deep Desk has a 6.7" deeper top opening than standard desk allowing for support of Deep Turret - see drawings as Deep Desk has different profile (angled back) from Standard Desk (flat back.)
- Lid profiles provide increased strength.
- Formed lip on enclosure excludes flowing liquids and contaminants.
- Slotted quarter turn oil-tight latches secure the lid, with optional tamper resistant and locking latches available.
- Stainless steel models utilize stainless steel hardware.
- Oil resistant gaskets are permanently secured.
- Features several internal stud locations for mounting Desk Inner Panel.
- A bonding screw is provided on the lid and a grounding stud is provided in the enclosure.

Finish
- Available in RAL 7035 light gray textured powder coating and natural stainless steel with a smooth, brushed finish.
- Desk covers available in same finishes.

Accessories
- Desk Cover...See Page 161
- Desk Inner Panel...See Page 155

Standard Depth Desk

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<tr>
<th>RAL 7035 Light Gray</th>
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Extra Deep Desk

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Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise
Type 4, 4X Mild Steel and Stainless Steel Turret Units Series 2000
Modular Console System

Quick Link: hammfg.com/S2CT

Application

- Ideal as a housing for video screens.
- Flexible design provides panel mount or rack mount capabilities for a variety of applications.
- Generally used in combination with other modular console components (ie. base, pedestal, and/or desk).
- Available in either Standard (supported by Base, Pedestal, or Standard Desk) or Deep (supported by Deep Desk only) format.
- Smooth lines and clean edges provide an attractive, contemporary appearance.

Standards

- UL 508A Type 3R, 4, 12
- CSA Type 3R, 4, 12, 13
- EIA RS-310-D
- Complies with
  - NEMA Type 3R, 4, 12
  - IEC 60529, IP66

Construction

- Formed 14 gauge steel bodies with 14 gauge steel doors. Also offered with formed 14 gauge 304 stainless steel bodies with 14 gauge 304 stainless steel doors.
- Smooth, continuously welded seams without knockouts or holes.
- Body stiffeners are provided where required for increased strength and rigidity.
- Offered in 4 widths 24", 36", 48" and 60".
- Features solid sides and top, solid door on front (opens down) and back (opens up), and open bottom.

- Front door features sliding rod mechanism, which allows a 102º opening when in the lowered position.
- Rear door features manual, 3 position adjustable door stop which provides convenient support while door in open position.
- Formed lip on enclosure excludes flowing liquids and contaminants.
- Slotted quarter turn oil-tight latches secure the door, with optional tamper resistant and locking latches available.
- Stainless steel models utilize stainless steel hardware.
- Oil resistant gaskets are permanently secured.
- Features several internal stud locations for mounting of various accessories.
- A bonding screw is provided on the door and a grounding stud is provided in the enclosure.

Finish

- Available in RAL 7035 light gray textured powder coating and natural stainless steel with a smooth, brushed finish.
- 24" Front Window Door available in same finishes.

Accessories

- S2000 Internal Components...See Page 155
- S2000 External Components...See Page 159
- Quarter Turn Assemblies...See Page 273
- Quarter Turn Inserts and Keys...See Page 273
- Padlock Adaptor...See Page 272
- Climate Control...See Page 234
- Lighting...See Page 298
- General Accessories...See Page 268

Standard Depth Turret

<p>| RAL 7035 Light Gray Stainles Enclosure |  |</p>
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Technical references and CAD downloads available at www.hammondmfg.com
All dimensions in inches unless specified otherwise
Type 4, 4X Mild Steel and Stainless Steel Consolet Series 2000
Modular Console System

Construction
- Formed 14 gauge steel bodies with 14 gauge steel door and lid.
- Also offered with formed 14 gauge 304 stainless steel bodies with 14 gauge 304 stainless steel door and lid.
- Smooth, continuously welded seams without knockouts or holes.
- Body stiffeners are provided where required for increased strength and rigidity.
- Offered in 4 widths 24", 36", 48" and 60".
- Has solid sides and back, solid door on front, 3 point adjustable lid on sloped (20°) top, and closed bottom with removable access panel.
- 24" and 36" widths have single door on the front whereas 48" and 60" widths have two outside hinged doors on the front.
- Doors can be hinged from either side on 24" and 36" units.
- Door profiles provide increased strength and are pre-punched to provide mounting options.
- Formed lip on enclosure excludes flowing liquids and contaminants.
- Slotted quarter turn oil-tight latches secure the door and lid, with optional tamper resistant and locking latches available.
- Stainless steel models utilize stainless steel hardware.
- Oil resistant gaskets are permanently secured.
- Features internal stud locations for mounting optional inner panel.
- A bonding screw is provided on the door and a grounding stud is provided in the enclosure.

Finish
- Available in RAL 7035 light gray textured powder coating and natural stainless steel with a smooth, brushed finish.

Accessories
- Consolet Panel...See Page 155
- Quarter Turn Assemblies...See Page 273
- Quarter Turn Inserts and Keys...See Page 273
- Modular Plinth...See Page 160
- Footrest...See Page 160
- Climate Control...See Page 234
- Padlock Adaptor...See Page 272
- Lighting...See Page 298
- General Accessories...See Page 268

Standards
- UL 508A Type 3R, 4, 12
- CSA Type 3R, 4, 12, 13
- EIA RS-310-D
- Complies with
  - NEMA Type 3R, 4, 12
  - IEC 60529, IP66

Technical references and CAD downloads available at www.hammondmfg.com
All dimensions in inches unless specified otherwise
Operator Interface Enclosures

Type 4, 4X Mild Steel and Stainless Steel Terminal Series 2000

Modular Console System

Quick Link: hammfg.com/S2CDT

Application

- Ideal as a housing for a complete personal computer system including video screen, keyboard and PLC.
- Flexible design provides panel mount or rack mount capabilities for a variety of applications.
- Generally used in combination with other modular console components (i.e. base or pedestal). Mounting on base provides extra room for PLC’s and/or printer-paper stands.
- Optional casters (require plinth) allow for a completely mobile, NEMA rated work station.
- Smooth lines and clean edges provide an attractive, contemporary appearance.

Standards

- UL 508A Type 3R, 4, 12
- CSA Type 3R, 4, 12, 13
- EIA RS-310-D
- Complies with
  - NEMA Type 3R, 4, 12
  - IEC 60529, IP66

Construction

- Formed 14 gauge steel bodies with 14 gauge steel doors.
- Also offered with formed 14 gauge 304 stainless steel bodies with 14 gauge 304 stainless steel doors.
- Smooth, continuously welded seams.
- Body stiffeners are provided where required for increased strength and rigidity.
- Offered in 24” width only.
- Features solid sides and top, 2 solid doors on front (both open downlower, smaller door for keyboard shelf) and back (opens up), and open bottom.
- Lower drop down door provides access to optional slide-out keyboard drawer.
- Front doors feature sliding rod mechanism which allows a 102° opening when in the lowered position.
- Rear door features manual, 3 position adjustable door stop which provides convenient support while door in open position.
- Formed lip on enclosure excludes flowing liquids and contaminants.
- Slotted quarter turn oil-tight latches secure the door, with optional tamper resistant and locking latches available.
- Stainless steel models utilize stainless steel hardware.
- Oil resistant gaskets are permanently secured.
- Features several internal stud locations for mounting of various accessories.
- A bonding screw is provided on the door and a grounding stud is provided in the enclosure.

Finish

- Available in RAL 7035 light gray textured powder coating and natural stainless steel with a smooth, brushed finish.
- 24” Front Window Door available in same finishes.

Accessories

- S2000 Internal Components…See Page 155
- S2000 External Components…See Page 159
- Quarter Turn Assemblies…See Page 273
- Quarter Turn Inserts and Keys…See Page 273
- Padlock Adaptor…See Page 272
- Climate Control…See Page 234
- Lighting…See Page 298
- General Accessories…See Page 268

Finish

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Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Canada: 519.822.2960 or 905.456.3770  USA: 716.630.7030  Data Subject to change without notice
Operator Interface Enclosures  
S2000 Internal Components

**Base Panel**
- 14 gauge steel panels are finished in white.
- Used in both single access and dual access bases.
- Available in 4 widths.
- Mounts into “C” Channel Mounting Kit (not included.)
- Hardware required for mounting into “C” channels is included.

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**Consolet Panel**
- 12 gauge steel panels.
- Available in 4 widths.
- Mounts onto panel mounting studs in consolet.
- Finished in white.

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<td>36.00</td>
<td>30.50</td>
<td>32.50</td>
<td>0.75</td>
</tr>
<tr>
<td>2CWCP48</td>
<td></td>
<td>48.00</td>
<td>30.50</td>
<td>44.50</td>
<td>0.75</td>
</tr>
<tr>
<td>2CWCP60</td>
<td></td>
<td>60.00</td>
<td>30.50</td>
<td>56.50</td>
<td>0.75</td>
</tr>
</tbody>
</table>

**Desk Inner Panel**
- 12 gauge steel panels.
- Used in both Standard and Deep desks.
- Available in 4 widths.
- Mounts horizontally onto panel mounting channels in bottom of desk.
- Finished in white.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Fits</th>
<th>Console Width</th>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>2CWDP24</td>
<td></td>
<td>24.00</td>
<td>0.50</td>
<td>22.00</td>
<td>16.00</td>
</tr>
<tr>
<td>2CWDP36</td>
<td></td>
<td>36.00</td>
<td>0.50</td>
<td>34.00</td>
<td>16.00</td>
</tr>
<tr>
<td>2CWDP48</td>
<td></td>
<td>48.00</td>
<td>0.50</td>
<td>46.00</td>
<td>16.00</td>
</tr>
<tr>
<td>2CWDP60</td>
<td></td>
<td>60.00</td>
<td>0.50</td>
<td>58.00</td>
<td>16.00</td>
</tr>
</tbody>
</table>

Technical references and CAD downloads available at www.hammondmfg.com  
All dimensions in inches unless specified otherwise
Terminal Keyboard Shelf

- Designed specifically for use in Data Terminal.
- Sloped wrist rest provides comfort for operator.
- Locks in place when extended.
- 20" width accommodates standard width keyboards.
- Finished in textured black.
- Slides included.
- Slide-out mouse pad (left or right) included.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>CWDSR</td>
<td>3.88</td>
<td>20</td>
<td>15.63</td>
</tr>
</tbody>
</table>

Swing Frame
For use with Series 2000 Enclosures

- Available in 19" and 24" widths.
- Variable depth feature allows front to rear adjustment.
- Installs with either left or right hinging.
- Mounts onto Rail Support Kits (not included).
- Clip nuts required for mounting to punched rails.
- Finished in textured black.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Fits Console Unit</th>
<th>Fits Console Size</th>
<th>Panel Width</th>
<th>Height</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSFT19</td>
<td>Turrets/Terminal</td>
<td>24,36,48,60</td>
<td>19&quot;</td>
<td>8U</td>
<td>15.75</td>
<td>19.28</td>
</tr>
<tr>
<td>CSFT24</td>
<td>Turrets/Terminal</td>
<td>36,48,60</td>
<td>24&quot;</td>
<td>8U</td>
<td>15.75</td>
<td>24.28</td>
</tr>
<tr>
<td>CSFB19</td>
<td>Bases</td>
<td>24,36,48,60</td>
<td>19&quot;</td>
<td>12U</td>
<td>22.09</td>
<td>19.28</td>
</tr>
<tr>
<td>CSFB24</td>
<td>Bases</td>
<td>36,48,60</td>
<td>24&quot;</td>
<td>12U</td>
<td>22.09</td>
<td>24.28</td>
</tr>
</tbody>
</table>

“C” Channel Mounting Kit

- For use in Turrets, Data Terminals and Bases.
- Provide adjustable (side to side) mounting support for Base Panels and all Rail Support Kits.
- Available in 4 widths.
- Finished in textured black.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Fits Console Width</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMC24</td>
<td>24.00</td>
<td>23.50</td>
</tr>
<tr>
<td>CMC36</td>
<td>36.00</td>
<td>33.50</td>
</tr>
<tr>
<td>CMC48</td>
<td>48.00</td>
<td>47.50</td>
</tr>
<tr>
<td>CMC60</td>
<td>60.00</td>
<td>59.50</td>
</tr>
</tbody>
</table>
Rail Support Kit

- Separate kits for Standard Turret/Data Terminal, Deep Turret and Bases.
- For use with Swing Frame, CRT Mounting Kit and Combination Rails.
- Mount into “C” channels (not included).
- Finished in textured black.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Fits Console Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>2CTRSK36</td>
<td>Turret/Terminal</td>
</tr>
<tr>
<td>2CTRSK43</td>
<td>Deep Turret</td>
</tr>
<tr>
<td>2CBRSK</td>
<td>Base</td>
</tr>
</tbody>
</table>

Combination Rails

- Features punched universal EIA spacing.
- Mounts onto Rail Support Kits (not included - see above).
- Clip nuts required for mounting to punched rails
- Finished in black.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Units</th>
<th>Fits Console Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>2CTRK</td>
<td>9</td>
<td>Turrets/Terminal</td>
</tr>
<tr>
<td>2CBRK</td>
<td>13</td>
<td>Base</td>
</tr>
</tbody>
</table>

CRT Mounting Kit

- Adjustable width allows for mounting of most CRT models.
- For use in Turrets or Data Terminal.
- Mounts onto Rail Support Kits (not included - see above).
- Finished in textured black.

<table>
<thead>
<tr>
<th>Part No.</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2CRTK</td>
<td></td>
</tr>
</tbody>
</table>
Printer and Paper Stand

- Provides convenient pullout access and support for printers in bases.
- Two versions available for high or low applications.
- Mounts onto Combination Rails (not included).
- Finished in textured black.
- Slides included.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>2CLPS</td>
<td>Low Printer Stand</td>
<td>7.00</td>
</tr>
<tr>
<td>2CHPS</td>
<td>High Printer Stand</td>
<td>12.25</td>
</tr>
</tbody>
</table>

Gas Filled Door Support

- Provide “lift assist” and door support for rear Turret/Data Terminal doors and Desk lids.
- Replace standard manual door supports.
- Minimum enclosure width of 16” is required
- Finished in black.
- Sold individually.
- Recommend 1 for 24”/36” and 2 for 48”/60”.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2CDSTP</td>
<td></td>
</tr>
</tbody>
</table>

DIN Rail Support Kit

- Provide adjustable mounting support for DIN rails (sold separately.)
- For use in Bases only.
- Mount into “C” channels (not included).

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2CDMK</td>
<td></td>
</tr>
</tbody>
</table>

Micro Cell Cable Entry Kit

- For use in Single or Dual Access Bases.
- Constructed of 14 gauge steel.
- Features 2 cutouts for cable access.
- Underside of cutouts covered with black foam rubber, which when punctured for cable access, still maintains a virtually sealed bottom.
- Finished in textured black.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2CMBPK</td>
<td></td>
</tr>
</tbody>
</table>
Mobile Keyboard Support

- Installs easily at any location along front of Desks or Consolet.
- Provides temporary keyboard support.
- 20” width accommodates standard width keyboards.
- Finished in textured black.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>2CMKS75</td>
<td></td>
</tr>
</tbody>
</table>

Pedestal

- Maintains NEMA rating of system.
- Formed 14 gauge steel.
- Also offered with formed 14 gauge stainless steel.
- Stiffeners added for solid stability.
- Open top and bottom provides an unobstructed wireway for pull through cabling.
- Can be mounted directly on floor or on a plinth.
- Available in light gray and stainless steel.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>2CLS</td>
<td>RAL7035 Light Gray</td>
</tr>
<tr>
<td>2CSS</td>
<td>Stainless Steel</td>
</tr>
</tbody>
</table>

Data Terminal Extension Ring

- Formed 14 gauge steel.
- Adds 6” to Data Terminal Depth.
- Maintains NEMA rating.
- Utilizes door from Data Terminal.
- Fastens flush to back of Data Terminal.
- Available in light gray and natural stainless steel.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>2CLD24X</td>
<td>ANSI 61 Gray (smooth)</td>
</tr>
<tr>
<td>2CSD24X</td>
<td>Stainless Steel</td>
</tr>
</tbody>
</table>

Turret/Terminal Window Door

- Maintains the NEMA rating of the enclosure.
- Constructed of 14 gauge steel and lexan window.
- Easy field installation.
- Fits Standard Turret, Deep Turret, and Data Terminal.
- Offered in 24” width only.
- Available in light gray and stainless steel.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>2CLTW24</td>
<td>RAL7035 Light Gray (textured)</td>
</tr>
<tr>
<td>2CSTW24</td>
<td>Stainless Steel</td>
</tr>
</tbody>
</table>
Modular Plinth

- Features removable front and rear panels for easy access to bottom for cabling or transport by forklift.
- For cable access, features 3 double knockouts on each end.
- Available in 4" and 8" heights.
- Available in 24", 36", 48" and 60" widths.
- Maintains NEMA rating of system.
- Formed 14 gauge steel.
- Also offered with formed 14 gauge stainless steel.
- Available in light gray and stainless steel.

<table>
<thead>
<tr>
<th>RAL 7035 Light Gray Part No.</th>
<th>Stainless Steel Part No.</th>
<th>A</th>
<th>B1</th>
<th>B2</th>
</tr>
</thead>
<tbody>
<tr>
<td>2CLP42418</td>
<td>2CSP42418</td>
<td>4.00</td>
<td>24.00</td>
<td>-</td>
</tr>
<tr>
<td>2CLP43618</td>
<td>2CSP43618</td>
<td>4.00</td>
<td>36.00</td>
<td>-</td>
</tr>
<tr>
<td>2CLP44818</td>
<td>2CSP44818</td>
<td>4.00</td>
<td>-</td>
<td>48.00</td>
</tr>
<tr>
<td>2CLP46018</td>
<td>2CSP46018</td>
<td>4.00</td>
<td>-</td>
<td>60.00</td>
</tr>
<tr>
<td>2CLP52418</td>
<td>2CSP52418</td>
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<td>24.00</td>
<td>-</td>
</tr>
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<td>2CLP64818</td>
<td>2CSP64818</td>
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<td>-</td>
<td>48.00</td>
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<tr>
<td>2CLP66018</td>
<td>2CSP66018</td>
<td>8.00</td>
<td>-</td>
<td>60.00</td>
</tr>
</tbody>
</table>

Footrest

- Generally used in combination with plinth.
- Provides a raised foot support to relieve back stress.
- Gives the installation a “finished” appearance.
- Available in 24", 36", 48" and 60" widths.
- Maintains NEMA rating of system.
- Formed 14 gauge steel.
- Also offered with formed 14 gauge stainless steel.
- Rubber tread for added traction on footrest surface.
- Available in light gray and natural stainless steel.

<table>
<thead>
<tr>
<th>RAL 7035 Light Gray Part No.</th>
<th>Stainless Steel Part No.</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>2CLF24</td>
<td>2CSF24</td>
<td>24.00</td>
</tr>
<tr>
<td>2CLF36</td>
<td>2CSF36</td>
<td>36.00</td>
</tr>
<tr>
<td>2CLF48</td>
<td>2CSF48</td>
<td>48.00</td>
</tr>
<tr>
<td>2CLF60</td>
<td>2CSF60</td>
<td>60.00</td>
</tr>
</tbody>
</table>

Base Cover

- Should be used to close top opening (of either single or dual access) base when no other components are mounted on the base’s top.
- Constructed of 14 gauge steel.
- Available light gray and stainless steel.
- Can also be used on the underside of a Standard Desk Unit, Standard Turret and Data Terminal.

<table>
<thead>
<tr>
<th>RAL 7035 Light Gray Part No.</th>
<th>Stainless Steel Part No.</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>2CLBC2436</td>
<td>2CSBC2436</td>
<td>24.00</td>
</tr>
<tr>
<td>2CLBC3636</td>
<td>2CSBC3636</td>
<td>36.00</td>
</tr>
<tr>
<td>2CLBC4836</td>
<td>2CSBC4836</td>
<td>48.00</td>
</tr>
<tr>
<td>2CLBC6036</td>
<td>2CSBC6036</td>
<td>60.00</td>
</tr>
</tbody>
</table>
Desk Cover

- For use when no turret is used on top of desk.
- Provides a hinged, flat, sturdy desk surface.
- Available for either Standard or Deep desks.
- Constructed of 14 gauge steel.
- Features quarter turn latches for easy access into flat desk top.
- Available in light gray and stainless steel.

<table>
<thead>
<tr>
<th>RAL 7035 Light Gray Part No.</th>
<th>Stainless Steel Part No.</th>
<th>B1</th>
<th>B2</th>
<th>B3</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Depth Desk Cover</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2CLDC2436</td>
<td>2CSDC2436</td>
<td>23.75</td>
<td>-</td>
<td>-</td>
<td>16.38</td>
</tr>
<tr>
<td>2CLDC3636</td>
<td>2CSDC3636</td>
<td>-</td>
<td>35.75</td>
<td>-</td>
<td>16.38</td>
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<td>2CLDC4836</td>
<td>2CSDC4836</td>
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<td></td>
<td>47.75</td>
<td>16.38</td>
</tr>
<tr>
<td>2CLDC6036</td>
<td>2CSDC6036</td>
<td>-</td>
<td></td>
<td>59.75</td>
<td>16.38</td>
</tr>
<tr>
<td>Deep Depth Desk Cover</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2CLDC2443</td>
<td>2CSDC2443</td>
<td>23.75</td>
<td>-</td>
<td>-</td>
<td>24.03</td>
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<tr>
<td>2CLDC3643</td>
<td>2CSDC3643</td>
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<td>35.75</td>
<td>-</td>
<td>24.03</td>
</tr>
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<td>2CSDC4843</td>
<td>-</td>
<td></td>
<td>47.75</td>
<td>24.03</td>
</tr>
<tr>
<td>2CLDC6043</td>
<td>2CSDC6043</td>
<td>-</td>
<td></td>
<td>59.75</td>
<td>24.03</td>
</tr>
</tbody>
</table>

Base Window Door

- Maintains the NEMA rating of the enclosure.
- Constructed of 14 gauge steel and lexan window.
- Easy field installation.
- Available for the 4 base widths.
- On 2 door units, a window can be installed on one side only.
- Available in light gray and stainless steel.

<table>
<thead>
<tr>
<th>RAL 7035 Light Gray Part No.</th>
<th>Stainless Steel Part No.</th>
<th>Fits Base Width</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2CLBW24</td>
<td>2CSBW24</td>
<td>24.00</td>
<td>23.75</td>
<td>16.75</td>
</tr>
<tr>
<td>2CLBW36</td>
<td>2CSBW36</td>
<td>36.00</td>
<td>35.75</td>
<td>28.75</td>
</tr>
<tr>
<td>2CLBW48</td>
<td>2CSBW48</td>
<td>48.00</td>
<td>23.75</td>
<td>16.75</td>
</tr>
<tr>
<td>2CLBW60</td>
<td>2CSBW60</td>
<td>60.00</td>
<td>29.75</td>
<td>22.75</td>
</tr>
</tbody>
</table>

Console Casters

- Locking and non-locking versions.
- Mount directly to plinths.
- Sold in pairs to provide ability to mix locking and non-locking.
- Recommend 4 casters for 24”/36” and 6 casters for 48”/60”.
- Weight capacity of 500 lbs. per pair.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Type</th>
<th>No. of Casters</th>
</tr>
</thead>
<tbody>
<tr>
<td>2CCSTL</td>
<td>Locking</td>
<td>2</td>
</tr>
<tr>
<td>2CCSTN</td>
<td>Non-Locking</td>
<td>2</td>
</tr>
</tbody>
</table>
Operator Interface Enclosures

Type 12 Consolets 1488 Series
Hinged Cover

Quick Link: hammfg.com/1488

Application
- Designed for use as electric, hydraulic or pneumatic control and instrument enclosures.
- Ideal for flat or surface mounting/pedestal to provide the necessary 30° or 60° control slope.
- Provides protection from dirt, dust, oil and water.

Standards
- UL 508A Type 12, 13
- CSA Type 12, 13
- Complies with
  - NEMA Type 12, 13
  - IEC 60529, IP54

Construction
- Formed 14 gauge steel.
- Smooth, continuously welded seams.
- Construction provides either 30° or 60° slope on front cover depending on mounting position.
- Continuously hinged cover may be removed by pulling the hinge pin.
- Captive cover screws thread into sealed wells.
- Oil resistant gasket and adhesive.
- A bonding stud is provided on the door and a ground stud is provided on the enclosure.

Finish
- Cover and enclosure are phosphatized and finished in ANSI 61 gray powder coating.

Accessories
- Pedestal and Base...See Page 303
- Climate Control...See Page 234
- General Accessories...See Page 268

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Cover H</th>
<th>H1</th>
<th>H2</th>
<th>W</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>1488EE7</td>
<td>8.00</td>
<td>2.50</td>
<td>7.16</td>
<td>8.00</td>
<td>7.44</td>
</tr>
<tr>
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<td>8.00</td>
<td>2.50</td>
<td>7.16</td>
<td>12.00</td>
<td>7.44</td>
</tr>
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<td>1488EJ7</td>
<td>8.00</td>
<td>2.50</td>
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<td>7.44</td>
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<td>7.16</td>
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<td>7.44</td>
</tr>
<tr>
<td>1488HH9</td>
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<td>10.90</td>
</tr>
<tr>
<td>1488HJ9</td>
<td>12.00</td>
<td>2.50</td>
<td>9.16</td>
<td>16.00</td>
<td>10.90</td>
</tr>
<tr>
<td>1488HL9</td>
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<td>11.16</td>
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<td>11.16</td>
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</tr>
</tbody>
</table>

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise
Type 12 Console Cabinet 1471 Series
Sloped Front, Continuous Hinged Cover

Quick Link: hammfg.com/1471

Application
• Designed to house electrical, electronic, hydraulic or pneumatic controls and instruments.
• Heavy-duty construction provides protection from dirt, dust, oil and water.
• Sloping front control panel provides an ideal surface for mounting operator controls or instrumentation.
• Interior mounting provision on removable inner panels located on the rear and sides of the enclosure.

Standards
• UL 508A Type 12
• CSA Type 12
• Complies with
  • NEMA Type 12
  • IEC 60529, IP54

Construction
• Formed 14 gauge steel.
• Smooth, continuously welded seams, without knockouts, cutouts or holes.
• Sloped front instrument panel is continuously hinged on the front (bottom) edge and secured with captive panel screws, threaded into sealed wells.
• Continuously hinged door and front instrument panel may be removed by pulling the hinge pin.
• Doors are secured with a three point latch and operated with a key locking automotive type handle.
• Oil resistant gaskets are permanently secured.
• Includes three removable inner panels formed from 12 gauge steel, mounted to the back and sides of the enclosure interior.

Finish
• Cover and enclosure are phosphatized and finished in ANSI 61 gray powder coating on the outside and on the inside.
• Removable inner panels are finished in white powder coating.

Accessories
• Door Stop Kit...See Page 304
• Type 12 Handle Kits...See Page 271
• Window Kits...See Page 294
• Climate Control...See Page 234
• Lighting...See Page 298
• General Accessories...See Page 268

Cutout Dimensions
<table>
<thead>
<tr>
<th>Part No.</th>
<th>H1</th>
<th>H2</th>
<th>W</th>
<th>D</th>
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<td>29.00</td>
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</tbody>
</table>

Technical references and CAD downloads available at www.hammondmfg.com
All dimensions in inches unless specified otherwise

© Hammond Manufacturing
Canada: 519.822.2960 or 905.456.3770    USA: 716.630.7030    Data Subject to change without notice
Type 12 Modular Console Cabinet 1472 Series
Sloped Front

Quick Link: hammfg.com/1472

Application
- Designed to house electrical, electronic, hydraulic or pneumatic controls and instruments.
- Heavy-duty construction provides protection from dirt, dust, oil and water. Sloping front control and instrument panels provide an ideal surface for mounting operator controls or instrumentation.
- Interior mounting is provided for with a removable inner panel located on the rear of the basic console.

Standards
- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529, IP65

Base Console Construction
- Formed 14 gauge steel.
- Smooth, continuously welded seams, without knockouts, cutouts or holes.
- Sloped front instrument panel is continuously hinged on the front (bottom) edge and secured with captive panel screws, threaded into sealed wells.
- Front instrument panel may be removed by pulling the hinge pin.
- Flush doors are secured with a three point latch and operated with a key locking automotive type handle.
- Two door model has overlapping front doors, with three point latch on right door.
- Oil resistant gaskets are permanently secured.

Turret Construction
- Formed and welded from 14 gauge steel.
- Sloping instrument panel and vertical rear access are completely removable.
- Captive panel screws fasten into sealed wells.

Writing Surface Construction
- Formed and welded from 14 gauge steel.
- Fastens to the front of the console with screws

Finish
- Cover and enclosure are phosphatized and finished in ANSI 61 gray powder coating on the outside and on the inside.
- Removable inner panels are finished in white powder coating.

Accessories
- Door Stop Kit...See Page 304
- Type 12 Handle Kits...See Page 271
- Window Kits...See Page 294
- Climate Control...See Page 234
- Lighting...See Page 298
- General Accessories...See Page 268

Base Console

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Enclosure</th>
<th>Panel</th>
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<tbody>
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¹ UL Listed
² 2 Door Version

Turret

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Writing Surface

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</table>
Eclipse Command System - NEMA 12  
**ECP Series**

**Command Enclosure**

Quick Link: hammfg.com/ECP

**Application**
- Designed to enclose electronic controls, instruments and components in indoor environments where dirt, dust, oil and water may be present.
- Ideal for use with suspension systems.
- Multiple mounting provisions and full front mounting space provide for ideal operator interface.
- Smooth flush surfaces and attractive finishes compliment high tech equipment.

**Standards**
- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12 and 13
  - IEC 60529, IP54

**Construction**
- Formed from 16 gauge steel.
- Smooth, continuously welded seams ground smooth.
- Door stiffeners are designed to also permit additional mounting options.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Reversible rear door is secured with slotted quarter turn fasteners.
- Door frames have zinc die-cast corners with extrusion pressed aluminum profiles.
- Door front panels are 3mm aluminum.
- Oil resistant gaskets are permanently secured.
- Bonding stud provided on door and grounding stud installed in enclosure.
- Quarter turn latches formed from mild steel.
- Formed steel hinge with stainless steel hinge pins.
- Fastening is recommended with optional Tara Plus or 50/80 suspension systems.
- Optional red handle easily mounts horizontally to bottom of enclosure front frame. Order separately.
- Heavy duty re-inforcing plate included.

**Finish**
- Finished in RAL 7040 gray powder coating.
- Door panel is natural aluminum.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Enclosure H</th>
<th>Enclosure W</th>
<th>Enclosure D</th>
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**Enclosure Optional Panel**
- Panel mounts on the rear door of command enclosures.
- Unfinished aluminum is 0.08” thick.

**Eclipse Command System Handle**
- Easily mounts horizontally to bottom of enclosure front frame.
- Finished in red.

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<td>ECP12168, ECP161610</td>
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<tr>
<td>ECPH24</td>
<td>ECP202412, ECP20246</td>
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</table>

**Eclipse Command System Inner Panel**
- Panel mounts on the rear door of command enclosures.
- Unfinished aluminum is 0.08” thick.

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<td>20.25</td>
</tr>
</tbody>
</table>

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

Quality Products. Service Excellence.
Tara Plus Suspension System  
TPSS Series

NEMA 12, 13

**Application**
- TaraPlus enclosure suspension systems are designed for light and medium loads.
- The strength of tube and cast fittings provide a highly flexible robust system.

**Standards**
- Complies with
  - IEC 60529 IP54

**Construction**
- Enclosure coupling and elbow coupling fittings are die-cast from G Al Si 12 aluminum.
- Suspension tubing is steel.

**Finish**
- Fittings are finished in RAL 7040 window gray.
- Suspension tubing is RAL 7035 light gray.

Tara Plus Suspension Tube

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

<table>
<thead>
<tr>
<th>Part No.</th>
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<th>Inside Length mm</th>
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<tr>
<td>R149-025-501</td>
<td>Bottom</td>
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</table>

Tara Plus Coupling

**Tara Plus Tilt Coupling**

- Attaches to enclosure.
- Accepts 48mm round tube. perpendicular to enclosure top/bottom.
- Die-cast Aluminum G Al Si 12.
- Adjustable torque resistance.
- Rotates 300°.

| Part No. | R149-025-001 |

Technical references and CAD downloads available at www.hammondmfg.com
### Tara Plus Elbow Coupling
- Attaches to enclosure.
- Accepts 60x40mm rectangular tube parallel to enclosure top/bottom.
- Die-cast Aluminum G Al Si 12.
- Adjustable torque resistance.
- Rotates 300°.
- Accessible from the top.

**Part No.** R149-035-000

### Tara Plus Tilt Elbow Coupling
- Attaches to enclosure.
- Accepts 60x40mm rectangular tube parallel to enclosure top/bottom.
- Die-cast Aluminum G Al Si 12.
- Rotates 300°.
- Features an adjustable tilt mechanism up to 35°.

**Part No.** R149-035-001

### Tara Plus Fixed Elbow 48
- For use with 48mm round tube and 60x40mm rectangular tube.
- Vertical 48mm tube connection for use with Couplings only (not Base 48).
- Die-cast Aluminum G Al Si 12.
- Large cover opening for easier cable pull through.
- No rotation.
- Accessible from the top.

**Part No.** R149-020-000

### Tara Plus Fixed Elbow 70
- For use with 70mm round tube and 60x40mm rectangular tube.
- Die-cast Aluminum G Al Si 12.
- No rotation.
- Accessible from the top.

**Part No.** R149-020-001

### Tara Plus Rotating Elbow
- For use with 70mm round tube and 60x40mm rectangular tube.
- Die-cast Aluminum G Al Si 12.
- Rotates 300°.
- Accessible from the top.

**Part No.** R149-040-000

### Tara Plus Base 48
- For use with 48mm round tube.
- Not for use with any horizontal configurations.
- Compatible with tube up or tube down configurations.
- Die-cast Aluminum G Al Si 12.
- No rotation.

**Part No.** R149-030-000

---

Technical references and CAD downloads available at [www.hammondmfg.com](http://www.hammondmfg.com)

All dimensions in inches unless specified otherwise
Tara Plus Base 70

• For use with 70 mm tube.
• Compatible with all vertical and horizontal configurations.
• Compatible with tube up or tube down configurations.
• Die-cast Aluminum G Al Si 12.
• No rotation.

Part No. R149-030-001

Tara Plus Rotating Base 70

• For use with 70 mm tube.
• Compatible with all vertical and horizontal configurations.
• Compatible with tube up or tube down configurations.
• Die-cast Aluminum G Al Si 12.
• Rotates 300°.
• Integrated movement stop.
• Service free bearings.

Part No. R149-005-001

Tara Plus Socket Joint

• Accepts 60x40mm rectangular tube parallel to its mounting surface.
• Die-cast Aluminum G Al Si 12.
• Integrated movement stop.
• Service free bearings.
• Rotates 300°.
• Adjustment screws (red screws).
• Accessible from the top.

Part No. R149-005-000

Tara Plus Wall Joint

• Accepts 60x40mm rectangular tube perpendicular to its mounting surface.
• Die-cast Aluminum G Al Si 12.
• Rotates 186°.
• Accessible from the top.

Part No. R149-010-000

Tara Plus Vertical Wall Joint

• Accepts 70mm tube parallel to its mounting surface.
• Die-cast Aluminum G Al Si 12.
• Rotates 316°.

Part No. R149-010-001

Tara Plus Intermediate Joint

• Accepts 60x40mm rectangular tube.
• Die-cast Aluminum G Al Si 12.
• Integrated movement stop.
• One piece bellow.
• Rotates 300°.

Part No. R149-015-000

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise
Heavy Duty 50/80 mm Suspension Systems  
**HDSS Series**

**NEMA 12, 13**

---

### Application
- Command 50mm and 80mm enclosure suspension systems are designed for medium and heavy loads.
- The strength of square tube and cast fittings provide a highly flexible, robust system.

### Standards
- Complies with
  - IEC 60529 IP54

### Construction
- Enclosure coupling and elbow coupling fittings are die-cast from G AI Si 12 aluminum.
- All other fittings are die-cast 4G-s.g. iron.
- Suspension tubing is steel.

### Finish
- Fittings are finished in RAL 7040 window gray powder coating.
- Suspension tubing is RAL 7035 light gray powder coating.

---

#### Heavy Duty Suspension Tube

<table>
<thead>
<tr>
<th>Part No.</th>
<th>System</th>
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<th>Inside mm</th>
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<th>Length</th>
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<td>2</td>
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</table>

Note: Table dimensions in mm.

---

#### Heavy Duty Enclosure Coupling

- Cast aluminum.
- Large thrust flange.
- Fastens with 4 hex socket screws.
- Adjustable torque resistance.
- Features a rotation range of 300°.

<table>
<thead>
<tr>
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<tbody>
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</table>

Note: Table dimensions in mm.

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Quick Link: [hammfg.com/HDSS](http://hammfg.com/HDSS)

Technical references and CAD downloads available at [www.hammondmfg.com](http://www.hammondmfg.com)

All dimensions in inches unless specified otherwise.

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USA: 716.630.7030  
Data Subject to change without notice.
**Heavy Duty Elbow Coupling**

- Cast Aluminum
- Large thrust flange.
- Fastens with 4 hex socket screws.
- Adjustable torque resistance.
- Features a rotation range of 300°.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>System</th>
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</thead>
<tbody>
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<tr>
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</tbody>
</table>

Note: Table dimensions in mm.

**Heavy Duty Elbow**

- Cast Aluminum
- Large cover opening for easier cable pull through.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>System</th>
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<tbody>
<tr>
<td>R147-020-000R</td>
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<tr>
<td>R147-020-200R</td>
<td>80</td>
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</tbody>
</table>

Note: Table dimensions in mm.

**Heavy Duty Intermediate Joint**

- 4G-s.g. cast iron.
- Integrated movement stop.
- One piece bellow.
- Two sleeves.
- Features a rotation range of 170°.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>System</th>
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<tbody>
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</table>

Note: Table dimensions in mm.
Heavy Duty Wall Joint

- 4G-s.g. cast iron.
- Integrated movement stop.
- One piece bellow.
- Two sleeves.
- Features a rotation range of 170°.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>System</th>
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<tr>
<td>R147-010-000R</td>
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<tr>
<td>R147-010-200R</td>
<td>80</td>
</tr>
</tbody>
</table>

Note: Table dimensions in mm.

Heavy Duty Socket Joint

- Cast Aluminum.
- Integrated movement stop.
- Service free bearings.
- Features a rotation range of 300°.
- Can mount on top of machine or inverted.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>System</th>
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<tr>
<td>R147-005-200R</td>
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</table>

Note: Table dimensions in mm.

Heavy Duty Cast Iron Base

- 4G-s.g. cast iron.
- Gasket included.
- Does not rotate.

<table>
<thead>
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<th>Part No.</th>
<th>System</th>
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<td>R147-030-200R</td>
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</tbody>
</table>

Note: Table dimensions in mm.

Heavy Duty Slope Adaptor

- Provides 30° or 60° incline by mounting to rear of enclosure.
- Cast aluminum.

<table>
<thead>
<tr>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>R140-045-000R</td>
</tr>
</tbody>
</table>
Type 12 Mild Steel Miniature Pushbutton Enclosures **MPB Series**

**Application**
- Designed to accept 22mm miniature oil tight pushbuttons, switches and pilot lights.
- Provides protection from dirt, dust, oil and water.

**Standards**
- UL 508A Type 12 and 13
- CSA Type 12 and 13
- Complies with
  - NEMA Type 12 and 13
  - IEC 60529, IP54
- Appropriate components are required to maintain these standards.

**Construction**
- Formed 14 gauge steel except the MPB1 which is 16 gauge.
- Smooth continuously welded seams.
- Welded brackets provide for enclosure mounting.
- Captive cover screws thread into sealed wells.
- Larger enclosures provide internally hinged removable covers, designed to hold the cover open during wiring (see table).
- Oil resistant gasket and adhesive.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.

**Finish**
- Cover and enclosure are phosphatized and finished in ANSI 61 gray powder coating.

**Accessories**
- Hole Plugs...See Page 274
- Pedestal and Base...See Page 303
- General Accessories...See Page 268

**Finish**
- Cover and enclosure are phosphatized and finished in ANSI 61 gray powder coating.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>No. of Holes</th>
<th>Enclosure</th>
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<td>10.38</td>
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</tbody>
</table>

¹ Not hinged
Type 12 Mild Steel Pushbutton Enclosures 1435 Series

Quick Link: hammfg.com/1435

Application
- Designed to accept standard heavy duty oil tight pushbuttons, switches and pilot lights.
- Provides protection from dirt, dust, oil and water.

Standards
- UL 508A Type 12 and 13
- CSA Type 12 and 13
- Complies with
  - NEMA Type 12 and 13
  - IEC 60529, IP54
- Appropriate components are required to maintain these standards.

Construction
- Formed 14 gauge steel except
  - A and B which are 16 gauge.
- Smooth continuously welded seams.
- Welded brackets provide for enclosure mounting.
- Captive cover screws thread into sealed wells.
- Larger enclosures provide internally hinged removable covers, designed to hold the cover open during wiring (see table).
- Oil resistant gasket and adhesive.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.

Finish
- Cover and enclosure are phosphatized and finished in ANSI 61 gray powder coating.

Accessories
- Hole Plugs...See Page 274
- Pedestal and Base...See Page 303
- General Accessories...See Page 268

<table>
<thead>
<tr>
<th>30.5mm PB</th>
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<th>No. of Holes</th>
<th>H</th>
<th>W</th>
<th>D</th>
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<td>1435MC</td>
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<td>1435MD</td>
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<td>3.00</td>
</tr>
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</table>

¹ Not hinged
Type 4, 4X Stainless Steel Pushbutton Enclosures

Application
- Designed to accept standard heavy duty oil tight pushbuttons, switches and pilot lights.
- Provides protection from dirt, dust, oil and large amounts of water from any angle, or where highly corrosive conditions exist.

Standards
- UL 508A Type 4 and 4X
- CSA Type 4 and 4X
- Complies with
  - NEMA Type 3R, 4 and 4X
  - IEC 60529, IP66
- Appropriate components are required to maintain these standards.

Construction
- Formed 14 gauge stainless steel except A and B which are 16 gauge. 304 or 316 SS.
- Smooth continuously welded seams.
- Welded brackets provide for enclosure mounting.
- Captive stainless steel cover screws thread into sealed wells.
- Larger enclosures provide internally hinged removable covers, designed to hold the cover open during wiring.
- Oil resistant gasket and adhesive.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.

Finish
- Natural stainless steel with a smooth brushed finish.

Accessories
- Hole Plugs...See Page 275
- General Accessories...See Page 268

<table>
<thead>
<tr>
<th>Part No.</th>
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¹ Not hinged

Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise
Type 12 Mild Steel Pushbutton Enclosures 1437 Series
Extra Deep

Quick Link: hammfg.com/1437

Application
- Designed to accept standard heavy duty oil tight pushbuttons, switches and pilot lights.
- Provides protection from dirt, dust, oil and water.

Standards
- UL 508A Type 12 and 13
- CSA Enclosure 12 and 13
- Complies with
  - NEMA Type 12 and 13
  - IEC 60529, IP54
- Appropriate components are required to maintain these standards.

Construction
- Formed from 14 gauge steel except A which is 16 gauge.
- Smooth continuously welded seams.
- Welded brackets provide for enclosure mounting.
- Captive cover screws fasten into threaded, sealed wells.
- Larger enclosures provide internally hinged removable covers, designed to hold the cover open during wiring (see drawings).
- Oil resistant gasket and adhesive.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.

Finish
- Cover and enclosure are phosphatized and finished in ANSI 61 gray powder coating.

Accessories
- Hole Plugs...See Page 275
- General Accessories...See Page 268

<table>
<thead>
<tr>
<th>30.5mm PB</th>
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<th>W</th>
<th>D</th>
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¹ Not hinged

Technical references and CAD downloads available at www.hammondmfg.com
All dimensions in inches unless specified otherwise
Type 4, 4X Stainless Steel Pushbutton Enclosures 1437SS Series

Extra Deep

Quick Link: [hammfg.com/1437SS](http://www.hammondmfg.com/1437SS)

**Application**
- Designed to accept standard heavy duty oil tight pushbuttons, switches and pilot lights.
- Provides protection from dirt, dust, oil and water.

**Standards**
- UL 508A Type 4 and 4X
- CSA Enclosure 4 and 4X
- Complies with
  - NEMA Type 4 and 4X
  - IEC 60529, IP66
- Appropriate components are required to maintain these standards.

**Construction**
- Formed from 14 gauge steel except A which is 16 gauge.
- Smooth continuously welded seams.
- Welded brackets provide for enclosure mounting.
- Captive cover screws fasten into threaded, sealed wells.
- Larger enclosures provide internally hinged removable covers, designed to hold the cover open during wiring (see drawings).
- Oil resistant gasket and adhesive.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.

**Finish**
- Natural stainless steel with a smooth brushed finish.

**Accessories**
- Hole Plugs...See Page 274
- Ground Wire Kits...See Page 272

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Part No.</th>
<th>Part No.</th>
<th>No. Of Holes</th>
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<th>W</th>
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</table>

¹ Not hinged

Technical references and CAD downloads available at [www.hammondmfg.com](http://www.hammondmfg.com) All dimensions in inches unless specified otherwise
Type 12 Mild Steel Pushbutton Enclosures 1489 Series
Hinged Cover

Construction
- Formed 14 gauge steel.
- Smooth continuously welded seams.
- Welded brackets provide for enclosure mounting.
- Continuously hinged cover is secured with captive, plated steel screws which fasten into threaded sealed wells.
- Oil resistant gasket and adhesive.
- Weldnuts are provided for mounting inner panels.
- A removable 14 gauge inner panel is included.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.

Finish
- Cover and enclosure are phosphatized and finished in ANSI 61 gray powder coating.
- Removable inner panel is finished in white powder coating.

Accessories
- Hole Plugs...See Page 274
- Pedestal and Base...See Page 303
- General Accessories...See Page 268

Quick Link: hammfg.com/1489

Application
- Designed to accept standard heavy duty oil tight pushbuttons, switches and pilot lights.
- Provides protection from dirt, dust, oil and water.

Standards
- UL 508A Type 12
- CSA Type 12
- Complies with
  - NEMA Type 12
  - IEC 60529, IP54
- Appropriate components are required to maintain these standards.

<table>
<thead>
<tr>
<th>30.5mm PB</th>
<th>22.5mm PB</th>
<th>No. Of Holes</th>
<th>Enclosure H</th>
<th>Enclosure W</th>
<th>Enclosure D</th>
<th>Panel H</th>
<th>Panel W</th>
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</table>
Type 12 Mild Steel Pushbutton Enclosures 1490 Series
Sloped Consolet

Quick Link: hammfg.com/1490

Application
• Designed to accept standard heavy duty oil tight pushbuttons, switches and pilot lights.
• Ideal for wall or surface mounting to provide the necessary control slope.
• Provides protection from dirt, dust, oil and water.

Standards
• UL 508A Type 12 and 13
• CSA Type 12 and 13
• Complies with
  • NEMA Type 12 and 13
  • IEC 60529, IP54
• Appropriate components are required to maintain these standards.

Construction
• Formed 14 gauge steel.
• Smooth continuously welded seams.
• Construction provides either a 30° or 60° slope on front cover depending on mounting position.
• Welded brackets provide for enclosure mounting.
• Captive cover screws thread into sealed wells.
• Larger enclosures provide internally hinged removable covers designed to hold the cover open during wiring (as noted in table).
• Oil resistant gasket and adhesive.
• A bonding stud is provided on the door and a grounding stud is provided on the enclosure.

Finish
• Cover and enclosure are phosphatized and finished in ANSI 61 gray powder coating.

Accessories
• Hole Plugs...See Page 274
• Pedestal and Base...See Page 303
• General Accessories...See Page 268

<table>
<thead>
<tr>
<th>30.5mm PB</th>
<th>22.5mm PB</th>
<th>No. Of Holes</th>
<th>H</th>
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<td>Part No.</td>
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</table>

¹ Not hinged

Technical references and CAD downloads available at www.hammondmfg.com
All dimensions in inches unless specified otherwise
Type 4, 4X Polycarbonate Pushbutton Enclosure  1554 PB Series

Quick Link: hammfg.com/1554PB

Standards

- IP66
- NEMA 4, 4X, 6, 6P, 12 & 13
- UL94 5V

Construction

- Electronic instrument enclosures, designed for mounting printed circuit boards or DIN rail mounted components.
- The polycarbonate material carries a UL flammability rating of UL94 5V and is suitable for outdoor use.
- Lid and mounting holes are located outside of the gasket seal.
- Lid is secured with self captivating M4 stainless steel machine screws (included), threaded into integral stainless steel bushings (for repetitive assembly & disassembly).
- Heavy duty 16 gauge galvanized steel panels available (see chart)
- All stainless steel hardware to avoid corrosion caused by dissimilar metals.
- Gasket is a preformed, high temperature U.L. listed silicone rubber. Gasket is replaceable.
- Gasketed lid with two piece “tongue & groove” construction provides protection against access of oil, dust and water.
- Internal DIN rail mounting tabs.
- Threaded (M3) integral brass inserts & standoffs designed for M3.5 or #6 self tapping screws for P.C. board or inner panel mounting in all but the smallest size.
- Vertical P.C. card guides (for 1.5 mm thick P.C. boards) are molded in all but the smallest size

Finish

- Color is light gray (RAL 7035)

Accessories

- Optional Inner Panel
  - Heavy duty panels for mounting components
  - Galvanized 16 ga. steel.
  - Includes mounting hardware.
- Optional Mounting Feet
  - Part No. 1554FT

---

<table>
<thead>
<tr>
<th>22 mm Hole</th>
<th>Optional Inner Panel</th>
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<tbody>
<tr>
<td>Part No.</td>
<td>1554PB1</td>
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<tr>
<td>H</td>
<td>3.54</td>
</tr>
<tr>
<td>W</td>
<td>3.54</td>
</tr>
<tr>
<td>D (w/lid)</td>
<td>2.36</td>
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<tr>
<td>Part No.</td>
<td>1554EPL</td>
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<td>H</td>
<td>3.10</td>
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<tr>
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<td>1554MPB6B</td>
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</tr>
</tbody>
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Technical references and CAD downloads available at www.hammondmfg.com

All dimensions in inches unless specified otherwise

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Canada: 519.822.2960 or 905.456.3770
USA: 716.630.7030
Data Subject to change without notice
Type 4, 4X Polyester Pushbutton Enclosure *PJPB Series*

**Construction**
- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Threaded brass inserts are provided for optional inner panel.
- Cover is fastened with captive stainless steel screws in threaded brass inserts.
- Captive oil resistant gasket provides a positive seal.
- Mounting through rear holes on enclosure. Use #8 x 1 inch screw (not included).
- Enhanced UV inhibitors protect against outdoor weathering.
- Operating temperatures between 130°C and -40°C (266°F to -40°F).
- Impact index of 6.78J (5 ft/lb).
- For corrosion resistance information, please refer to table in Technical Information.

**Finish**
- Fiberglass polyester material has a gray finish.
- Optional aluminum inner panel natural finish.

**Application**
- Designed for use as pushbutton enclosures for 22.5mm or 30.5mm devices.
- Provides outstanding insulation and protection where equipment may be hosed down or be very wet.
- Ideal in applications with high temperatures or highly corrosive environments.

**Standards**
- UL 508A Type 1, 2, 3, 4, 4X, 12 and 13
- CSA Type 1, 2, 3, 4, 4X, 12 and 13
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X, 12 and 13
  - IEC 60529, IP66

Quick Link: [hammfg.com/PJPB](http://hammfg.com/PJPB)

**Accessories**
- Hole Plugs...See Page 275

<table>
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<tr>
<th>30.5mm PB Part No.</th>
<th>22.5mm PB Part No.</th>
<th># of Holes</th>
<th>Enclosure H</th>
<th>W</th>
<th>D</th>
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<td>8.99</td>
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<td>3.88</td>
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</table>

*Technical references and CAD downloads available at www.hammondmfg.com*
Type 4, 4X Polyester Pushbutton Enclosure  PJPBLC Series

Application

- Designed for use as pushbutton enclosures for 30.5mm devices.
- Provides outstanding insulation and protection where equipment may be hosed down or be very wet.
- Ideal in applications with high temperatures or highly corrosive environments.

Standards

- UL 508A Type 1, 2, 3, 4, 4X, 12 and 13
- CSA Type 1, 2, 3, 4, 4X, 12 and 13
- Complies with
  - NEMA Type 1, 2, 3, 4, 4X, 12 and 13
  - IEC 60529, IP66

Finish

- Fiberglass polyester material has a gray finish.
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum.

Accessories

- Additional Inner Panels...See Page 280
- Terminal Kit Assemblies...See Page 288
- Stainless Replacement Mounting Feet...See Page 278
- Hole Plugs...See Page 275

Construction

- Molded fiberglass polyester enclosure with matching cover is easily punched, cut, or drilled.
- Standard JIC sizes under 18" x 16".
- Threaded brass inserts are provided for optional inner panel or terminal kit mounting.
- Cover is fastened with captive stainless steel screws in threaded brass inserts.
- Captive oil resistant gasket provides a positive seal.
- Threaded brass inserts are provided for mounting feet to the rear of the enclosure.
- Stainless steel mounting brackets and hardware are provided for mounting to the rear of the enclosure.
- Enhanced UV inhibitors protect against outdoor weathering.
- Operating temperatures between 130°C and -40°C (266°F to -40°F).
- Impact index of 6.78J (5 ft/lb).
- For corrosion resistance information, please refer to table in Technical Information.

Finish

- Fiberglass polyester material has a gray finish.
- Optional inner panels are available in white powder coated finished steel or unfinished aluminum.

Accessories

- Additional Inner Panels...See Page 280
- Terminal Kit Assemblies...See Page 288
- Stainless Replacement Mounting Feet...See Page 278
- Hole Plugs...See Page 275

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