**F2 Compression System**

**System integration**

- Designed for indoor enclosures
- Operates outside the enclosure's seal
- Installs close to the door edge
- System engages when door is up to 15 mm (.59 in) away from the closed position

**Notes**

One complete system consists of:

- One actuator assembly (see page 189)
- Two rod assemblies (see pages 190-191)
- Keepers (quantity depends on no. of latches specified; see page 191)

Order each component separately

Dimensions in millimeters (inch) unless otherwise stated
### F2 Compression System
Surface and flush actuators

- Designed for indoor enclosures
- Operates outside the enclosure’s seal
- System engages when door is up to 15 mm (.59 in) away from the closed position

**Material and Finish**
- PC/ABS plastic, black
- Zinc alloy and steel, zinc plated

**Performance Details**
- Max. static load: 100 N (22 lbf) per latch point
- 500 N (112 lbf) for entire system
- Flammability rating: UL94-VO for all plastic components

**Accessories**
- Flat key keyed alike CH751 (2 keys per ring)
  - Part number: PK-10-01
- Overmolded key keyed alike CH751 (2 keys per ring)
  - Part number: PK-10-01-05
- Plain key SC001 (2 keys per ring)
  - Part number: FK-KEY-SC001

**Part Number**
Actuator only see table

One complete system consists of:
- One actuator assembly (see page 189)
- Two rod assemblies (see pages 190-191)
- Keepers (quantity depends on no. of latches specified; see page 191)

Order each component separately

Other options available. For complete details on variety, part numbers, installation and specification, go to www.southco.com/F2

### Dimensions in millimeters (inch) unless otherwise stated

<table>
<thead>
<tr>
<th>Lock Style</th>
<th>Surface Actuator Part Number</th>
<th>Flush Actuator Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-locking</td>
<td>F2-20-17</td>
<td>F2-20-12</td>
</tr>
<tr>
<td>Key-locking keyed alike SC001 (two keys supplied)</td>
<td>F2-20-18</td>
<td>F2-20-13</td>
</tr>
<tr>
<td>Key-locking keyed alike CH751 (two keys supplied)</td>
<td>F2-20-19</td>
<td>–</td>
</tr>
</tbody>
</table>
F2 Compression System
Rod assembly · High compression

- Multiple lengths and latching point locations
- Latching mechanisms engage keepers when door is up to 15 mm (.59 in) away from the closed position

Material and Finish
PC/ABS plastic black, zinc alloy and steel, zinc plated

Installation Notes
Latch installation stud is not supplied. Use M5 press-in studs or non-flanged weld studs. Length is 6 (.24) to 10 (.39) Maximum, measured from inside surface of the door. Example: F2-10-625-25

Material and Finish
PC/ABS plastic black, zinc alloy and steel, zinc plated

Installation Notes
Latch installation stud is not supplied. Use M5 press-in studs or non-flanged weld studs. Length is 6 (.24) to 10 (.39) Maximum, measured from inside surface of the door. Example: F2-10-625-25

Stud must be positioned within 0.2 (.008) of nominal

Part Number
High compression rod assembly only see table

One complete system consists of:
- One actuator assembly (see page 189)
- Two rod assemblies (see pages 190-191)
- Keepers (quantity depends on no. of latches specified; see page 191)

Order each component separately

Dimensions in millimeters (inch) unless otherwise stated
**F2 Compression System**

**Rod assembly · Flexible**

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**Cam Assembly Part Number**

| Hardware pack assembly contains 1 x cam, washer and shoulder nut (order 1 hardware pack per latching point) | F2-50-1 |

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**Rod and Cam Assembly**

<table>
<thead>
<tr>
<th>Rod Length</th>
<th>Rod Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>125 (4.92)</td>
<td>F2-11-125-19</td>
</tr>
<tr>
<td>250 (9.84)</td>
<td>F2-11-250-19</td>
</tr>
<tr>
<td>375 (14.76)</td>
<td>F2-11-375-19</td>
</tr>
<tr>
<td>500 (19.69)</td>
<td>F2-11-500-19</td>
</tr>
<tr>
<td>625 (24.61)</td>
<td>F2-11-625-19</td>
</tr>
<tr>
<td>750 (29.53)</td>
<td>F2-11-750-19</td>
</tr>
<tr>
<td>875 (34.45)</td>
<td>F2-11-875-19</td>
</tr>
</tbody>
</table>

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**Keepers**

Keeper roller provides for smooth operation

<table>
<thead>
<tr>
<th>Grip</th>
<th>Part Number</th>
<th>X</th>
<th>Rod System Compatibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.5</td>
<td>F2-30-15</td>
<td>11.5 (4.5)</td>
<td>~</td>
</tr>
<tr>
<td>7.5</td>
<td>F2-30-19</td>
<td>15.5 (6.1)</td>
<td>~</td>
</tr>
<tr>
<td>9.75</td>
<td>F2-30-20</td>
<td>16.5 (6.5)</td>
<td>~</td>
</tr>
<tr>
<td>11.65</td>
<td>F2-30-22</td>
<td>18.5 (7.3)</td>
<td>~</td>
</tr>
<tr>
<td>13.35</td>
<td>F2-30-25</td>
<td>21.5 (8.5)</td>
<td>~</td>
</tr>
</tbody>
</table>

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**Dimensions in millimeters (inch) unless otherwise stated**

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**Notes**

Order one keeper per latching point

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**Material and Finish**

Glass-filled nylon black, brass and steel, zinc plated

**Part Number**

Rod and cam assembly only see table

The complete system consists of:

One actuator assembly (see page 189)

Two rod assemblies (see pages 190-191)

Keepers (quantity depends on no. of latches specified; see page 191)

Order each component separately

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Other options available. For complete details on variety, part numbers, installation and specification, go to www.southco.com/F2

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**Other options available. For complete details on variety, part numbers, installation and specification, go to www.southco.com/F2**