<table>
<thead>
<tr>
<th>PAGE</th>
<th>DATE</th>
<th>NAAMS CODE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>BB-1</td>
<td>12/02/19</td>
<td></td>
<td>Typical Insulation Method Index</td>
</tr>
<tr>
<td>BB-2</td>
<td>12/02/19</td>
<td></td>
<td>Typical Insulation Method - Example 1</td>
</tr>
<tr>
<td>BB-3</td>
<td>12/02/19</td>
<td></td>
<td>Typical Insulation Method - Example 2</td>
</tr>
<tr>
<td>BB-4</td>
<td>12/02/19</td>
<td>AIN101</td>
<td>Insulation Plate 3-Holes</td>
</tr>
<tr>
<td>BB-5</td>
<td>12/02/19</td>
<td>AIN102</td>
<td>Insulation Plate 4-Holes</td>
</tr>
<tr>
<td>BB-6</td>
<td>12/02/19</td>
<td>AIN103</td>
<td>Insulation Plate 6-Holes</td>
</tr>
<tr>
<td>BB-7</td>
<td>12/02/19</td>
<td>AIN201</td>
<td>Insulation Washer</td>
</tr>
<tr>
<td>BB-8</td>
<td>12/02/19</td>
<td>AIN301</td>
<td>Insulation Dowel</td>
</tr>
<tr>
<td>BB-9</td>
<td>12/02/19</td>
<td>AIN401</td>
<td>Insulation Bushing</td>
</tr>
</tbody>
</table>
TYPICAL INSULATION METHOD - EXAMPLE 1

- ALB060M (with 11mm clearance hole and 8mm dowel holes)
- M8 S.H.C.S.
- F620818, M8 extra heavy flat washer or equivalent
- Insulation washer AIN201
- Insulation bushing AIN401
- Through 11.00mm clearance hole
- Insulated dowel AIN301
- Insulation plate AIN101
- Fitting spacer(s) ASP350
- APR276M pin retainer (or use an NC-block) with 8mm tap holes and 8mm dowel holes
- M10 x 1.5 x 20 long S.H.C.S.
- M8 S.H.C.S.
- F621025
- Body line
- Body line
- MTG. surface
- Fitting spacer(s) ASP350
Tolerances:
1 PLACE MACHINING ± 0.3
1 PLACE FABRICATION ± 1.5
2 PLACE ±0.08 BETWEEN MACHINED SURFACES
  ±0.03 BETWEEN SINGLE DOWEL AND A HEEL SURFACE
  ±0.03 BETWEEN DOWELS IN THE SAME PLANE
  ±0.10 BETWEEN DOWELS IN DIFFERENT PLANES
  ±0.13 TO SCREW HOLES, NON ACCUMULATIVE

NOTES: ALL DIMENSIONS METRIC UNLESS OTHERWISE NOTED.

<table>
<thead>
<tr>
<th>NAAMS CODE</th>
<th>MATERIAL</th>
<th>WT. kg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIN101</td>
<td>LE PHENOLIC LAMINATE</td>
<td>0.007</td>
</tr>
</tbody>
</table>
INSULATION PLATE 4-HOLES

Tolerances:
1 PLACE MACHINING ± 0.3
1 PLACE FABRICATION ± 1.5
2 PLACE ± 0.08 BETWEEN MACHINED SURFACES
± 0.03 BETWEEN SINGLE DOWEL AND A HEEL SURFACE
± 0.03 BETWEEN DOWELS IN THE SAME PLANE
± 0.10 BETWEEN DOWELS IN DIFFERENT PLANES
± 0.13 TO SCREW HOLES, NON ACCUMULATIVE
NOTES: ALL DIMENSIONS METRIC UNLESS OTHERWISE NOTED.

<table>
<thead>
<tr>
<th>NAAMS CODE</th>
<th>MATERIAL</th>
<th>WT. kg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIN102</td>
<td>LE PHENOLIC LAMINATE</td>
<td>0.008</td>
</tr>
</tbody>
</table>

©1997 Auto/Steel Partnership  This document is Uncontrolled when printed.
Tolerances:
1 PLACE MACHINING ± 0.3
1 PLACE FABRICATION ± 1.5
2 PLACE ±0.08 BETWEEN MACHINED SURFACES
  ±0.03 BETWEEN SINGLE DOWEL AND A HEEL SURFACE
  ±0.03 BETWEEN DOWELS IN THE SAME PLANE
  ±0.10 BETWEEN DOWELS IN DIFFERENT PLANES
  ±0.13 TO SCREW HOLES, NON ACCUMULATIVE
NOTES: ALL DIMENSIONS METRIC UNLESS OTHERWISE NOTED.

<table>
<thead>
<tr>
<th>NAAMS CODE</th>
<th>MATERIAL</th>
<th>WT. kg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIN103</td>
<td>LE PHENOLIC LAMINATE</td>
<td>0.058</td>
</tr>
</tbody>
</table>
Tolerances:
1 PLACE MACHINING ± 0.3
1 PLACE FABRICATION ± 1.5
2 PLACE ±0.08 BETWEEN MACHINED SURFACES
   ±0.03 BETWEEN SINGLE DOWEL AND A HEEL SURFACE
   ±0.03 BETWEEN DOWELS IN THE SAME PLANE
   ±0.10 BETWEEN DOWELS IN DIFFERENT PLANES
   ±0.13 TO SCREW HOLES, NON ACCUMULATIVE
NOTES: ALL DIMENSIONS METRIC UNLESS OTHERWISE NOTED.

<table>
<thead>
<tr>
<th>NAAMS CODE</th>
<th>SCREW SIZE</th>
<th>I.D.</th>
<th>O.D.</th>
<th>THICKNESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIN201</td>
<td>M8</td>
<td>9.5 (.375 INCH)</td>
<td>25.0 TO 25.4 (1.0 INCH)</td>
<td>3.0 TO 3.2 (.125 INCH)</td>
</tr>
</tbody>
</table>

MATERIAL: PHENOLIC LAMINATE GRADE G-10
Tolerances:
1 PLACE MACHINING ± 0.3
1 PLACE FABRICATION ± 1.5
2 PLACE ±0.08 BETWEEN MACHINED SURFACES
   ±0.03 BETWEEN SINGLE DOWEL AND A HEEL SURFACE
   ±0.03 BETWEEN DOWELS IN THE SAME PLANE
   ±0.10 BETWEEN DOWELS IN DIFFERENT PLANES
   ±0.13 TO SCREW HOLES, NON ACCUMULATIVE

NOTES: ALL DIMENSIONS METRIC UNLESS OTHERWISE NOTED.

MATERIAL: CORE - 304 STAINLESS STEEL
OUTSIDE - PHENOLIC

NAAMS CODE
AIN301
**Tolerances:**

1 PLACE  MACHINING  ± 0.3
1 PLACE  FABRICATION  ± 1.5
2 PLACE  ±0.08 BETWEEN MACHINED SURFACES
         ±0.03 BETWEEN SINGLE DOWEL AND A HEEL SURFACE
         ±0.03 BETWEEN DOWELS IN THE SAME PLANE
         ±0.10 BETWEEN DOWELS IN DIFFERENT PLANES
         ±0.13 TO SCREW HOLES, NON ACCUMULATIVE

**NOTES:** ALL DIMENSIONS METRIC UNLESS OTHERWISE NOTED.

**MATERIAL:** NYLON 101

**NOTE:** LENGTH MAY BE CUT TO SUIT AT ASSEMBLY.
USE MULTIPLE BUSHINGS FOR HOLES DEEPER THAN 20MM.