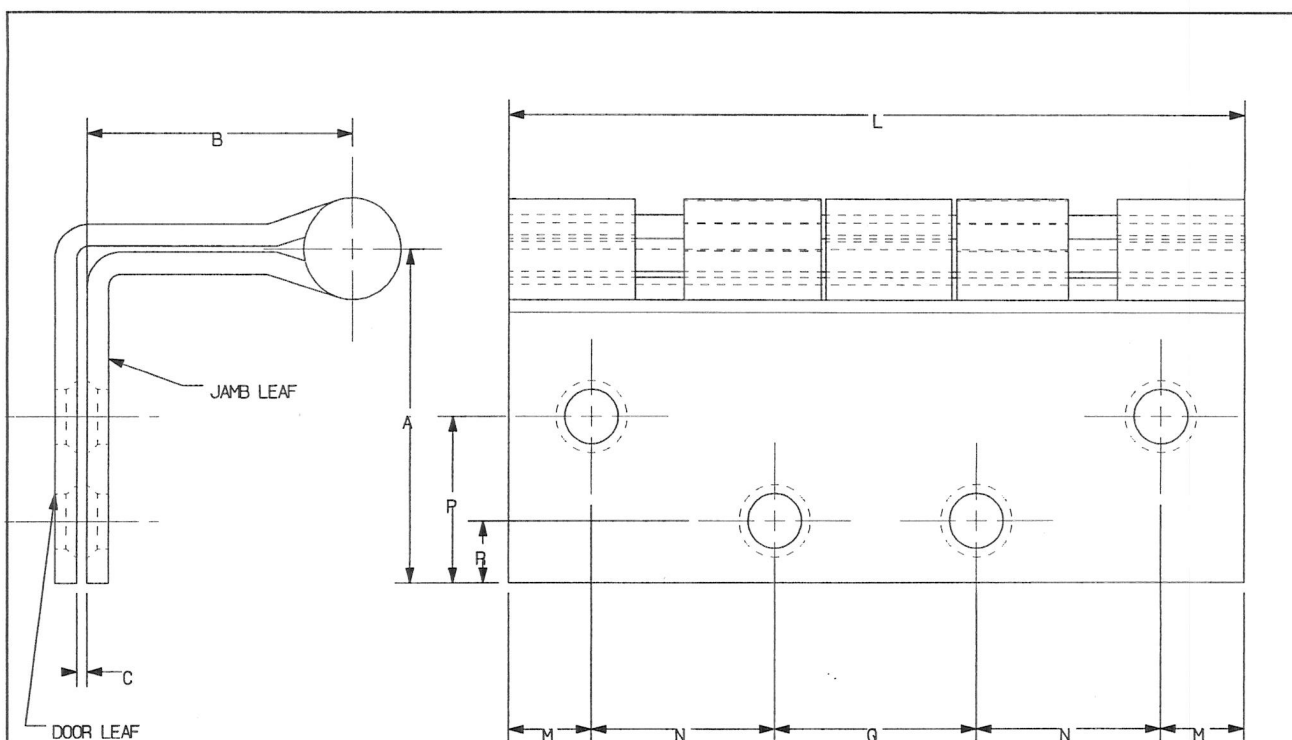




| DIMENSIONS         | 4.5' STANDARD<br>(A45MS) |        | 4.5' HEAVYWEIGHT<br>(B45MS) |        | 5' STANDARD<br>(A50MS) |        | 5' HEAVYWEIGHT<br>(B50MS) |        |
|--------------------|--------------------------|--------|-----------------------------|--------|------------------------|--------|---------------------------|--------|
|                    | INCHES                   | (MM)   | INCHES                      | (MM)   | INCHES                 | (MM)   | INCHES                    | (MM)   |
| A                  | 2.062                    | 52.39  | 2.047                       | 51.99  | 2.042                  | 51.86  | 2.125                     | 53.98  |
| B                  | 1.687                    | 42.86  | 1.672                       | 42.46  | 1.600                  | 40.64  | 1.672                     | 42.46  |
| C                  | .093                     | 2.38   | .093                        | 2.38   | .093                   | 2.38   | .093                      | 2.38   |
| L                  | 4.500                    | 114.30 | 4.500                       | 114.30 | 5.000                  | 127.00 | 5.000                     | 127.00 |
| M                  | .508                     | 12.90  | .508                        | 12.90  | .508                   | 12.90  | .508                      | 12.90  |
| N                  | 1.125                    | 28.58  | 1.125                       | 28.58  | 1.250                  | 31.75  | 1.250                     | 31.75  |
| P                  | 1.000                    | 25.40  | 1.000                       | 25.40  | 1.000                  | 25.40  | 1.000                     | 25.40  |
| Q                  | 1.234                    | 31.34  | 1.234                       | 31.34  | 1.484                  | 37.70  | 1.484                     | 37.70  |
| R                  | .375                     | 9.53   | .375                        | 9.53   | .375                   | 9.53   | .375                      | 9.53   |
| MATERIAL THICKNESS | .134                     | 3.40   | .180                        | 4.57   | .134                   | 3.40   | .190                      | 4.83   |

MACHINE SCREW SIZE: 12-24 X 1/2" F.H.  
WOOD SCREW SIZE: #12 X 1 1/4" F.H.

\*THIS TEMPLATE IS USED FOR  
SQUARE EDGE DOORS ONLY.

INGERSOLL RAND COMPANY HINGES ARE MADE IN SIZE, GAUGE  
AND WITH SCREW HOLES LOCATED TO CONFORM TO ANSI-A156.7.



FULL MORTISE SWING CLEAR  
SQUARE HINGE TEMPLATE  
4 1/2' & 5'

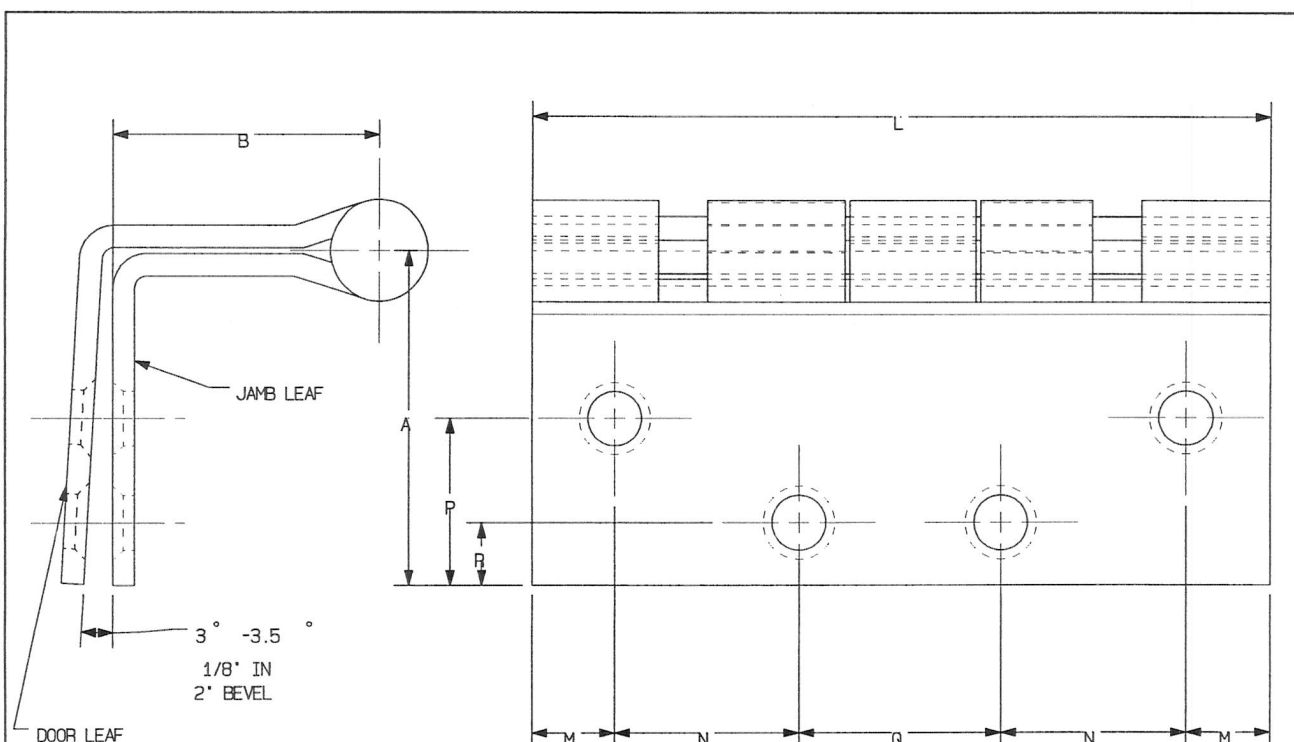


NOTE: DIMENSIONS IN ( ) ARE MILLIMETERS.

TEMPLATE NUMBER: 002293\_1

DATE:  
11-04-04

TYPICALLY FOR STANDARD WEIGHT HINGES



| DIMENSIONS         | 4.5" STANDARD<br>(A45MS) |        | 4.5" HEAVYWEIGHT<br>(B45MS) |        | 5.0" STANDARD<br>(A50MS) |        | 5" HEAVYWEIGHT<br>(B50MS) |        |
|--------------------|--------------------------|--------|-----------------------------|--------|--------------------------|--------|---------------------------|--------|
|                    | INCHES                   | (MM)   | INCHES                      | (MM)   | INCHES                   | (MM)   | INCHES                    | (MM)   |
| A                  | 2.062                    | 52.39  | 2.047                       | 51.99  | 2.042                    | 51.86  | 2.125                     | 53.98  |
| B                  | 1.687                    | 42.86  | 1.672                       | 42.46  | 1.600                    | 40.64  | 1.672                     | 42.46  |
| C                  | .093                     | 2.38   | .093                        | 2.38   | .093                     | 2.38   | .093                      | 2.38   |
| L                  | 4.500                    | 114.30 | 4.500                       | 114.30 | 5.000                    | 127.00 | 5.000                     | 127.00 |
| M                  | .508                     | 12.90  | .508                        | 12.90  | .508                     | 12.90  | .508                      | 12.90  |
| N                  | 1.125                    | 28.58  | 1.125                       | 28.58  | 1.250                    | 31.75  | 1.250                     | 31.75  |
| P                  | 1.000                    | 25.40  | 1.000                       | 25.40  | 1.000                    | 25.40  | 1.000                     | 25.40  |
| Q                  | 1.234                    | 31.34  | 1.234                       | 31.34  | 1.484                    | 37.70  | 1.484                     | 37.70  |
| R                  | .375                     | 9.53   | .375                        | 9.53   | .375                     | 9.53   | .375                      | 9.53   |
| MATERIAL THICKNESS | .134                     | 3.40   | .180                        | 4.57   | .134                     | 3.40   | .190                      | 4.83   |

MACHINE SCREW SIZE: 12-24 X 1/2" F.H.  
WOOD SCREW SIZE: #12 X 1 1/4" F.H.

\*THIS TEMPLATE IS USED FOR  
BEVELED EDGE DOORS ONLY

INGERSOLL RAND COMPANY HINGES ARE MADE IN SIZE, GAUGE  
AND WITH SCREW HOLES LOCATED TO CONFORM TO ANSI-A156.7.



FULL MORTISE SWING CLEAR  
BEVELED HINGE TEMPLATE  
4 1/2" & 5"



NOTE: DIMENSIONS IN ( ) ARE MILLIMETERS.

TEMPLATE NUMBER: 002295\_1

DATE:  
11-04-04

TYPICALLY FOR HEAVYWEIGHT HINGES