



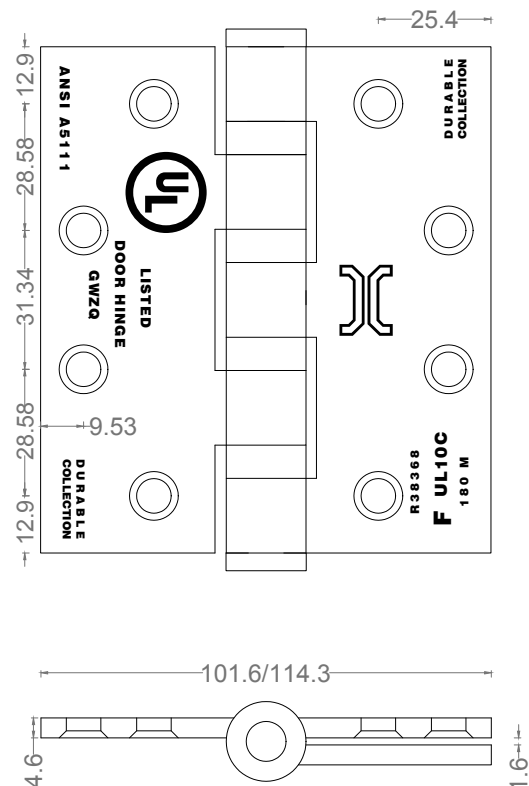
ITEM CODE: BB4.54.54.6, BB4.544.6, BB4.54.54.6NRP  
& BB4.544.6NRP

**STAINLESS STEEL FULL MORTISE 4 BALL BEARING  
HINGES TYPE**



## Features:

- Area of application: Wooden or metal doors.
- Base material: Stainless steel EN 1.4301 (type 304), optional stainless steel EN 1.4401 (type SUS316).
- UL listed and examined to UL10C. UL unique file #: GWZQ.R38368, suitable for fire rated up to and including 3 hours.
- Template hinge dimensions, screw holes location and tolerance in accordance with ANSI standard A156.7.
- Hinge meets the requirement of NFPA80-2013.
- Certified to ANSI/BHMA standard A156.1-2016 – (ANSI A5111), grade 1 (2,500,000 cycles).
- Square corners. Optional round corners (radius 6.4 mm or 16 mm).
- Clear/free gap: 1.6 mm.
- Standard:
  - Non-rising removable pin, non-dechatable ball bearing & hole in the bottom for easy pin removal.
  - Non-rising pin, non-dechatable ball bearing & hole in the bottom for easy pin removal.
  - Non-detachable ball bearing fixed pin & security stud.
- Supplied with:
  - For steel doors: 1 pair of hinge & 16 pcs flat head & countersunk machine screws (12-24 x ½").
  - For wood doors: 1 pair of hinge & 16 pcs flat head and countersunk wood screws (#12 x 1 ¼").
- Standard finish: satin stainless steel (BHMA finish code # 630).
- Other finishes are available upon request.

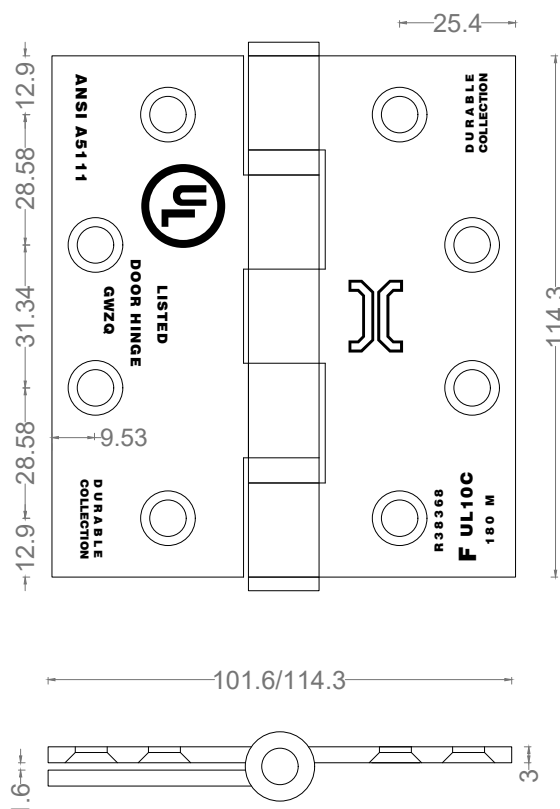


**ITEM CODE: BB4.54.53 & BB4.543**  
**STAINLESS STEEL FULL MORTISE 2 BALL BEARING**  
**HINGES TYPE**



**Features:**

- Area of application: Wooden or metal doors.
- Base material: Stainless steel EN 1.4301 (type 304), optional stainless steel EN 1.4401 (type SUS316).
- UL listed and examined to UL10C. UL unique file #: GWZQ.R38368, suitable for fire rated up to and including 3 hours.
- Template hinge dimensions, screw holes location and tolerance in accordance with ANSI standard A156.7.
- Hinge meets the requirement of NFPA80-2013.
- Certified to ANSI/BHMA standard A156.1-2016 – (ANSI A5112), grade 1 (2,500,000 cycles).
- Square corners. Optional round corners (radius 6.4 mm or 16 mm).
- Clear/free gap: 1.6 mm.
- Standard:
  - Hole in the bottom for easy pin removal & non-rising pin.
  - Non-rising removable pin & hole in the bottom for easy pin removal.
  - Fixed pin & security stud.
- Supplied with:
  - For steel doors: 1 pair of hinge & 16 pcs flat head & countersunk machine screws (12-24 x 1/2").
  - For wood doors: 1 pair of hinge & 16 pcs flat head and countersunk wood screws (#12 x 1 1/4").
- Standard finish: satin stainless steel (BHMA finish code # 630).
- Other finishes are available upon request.



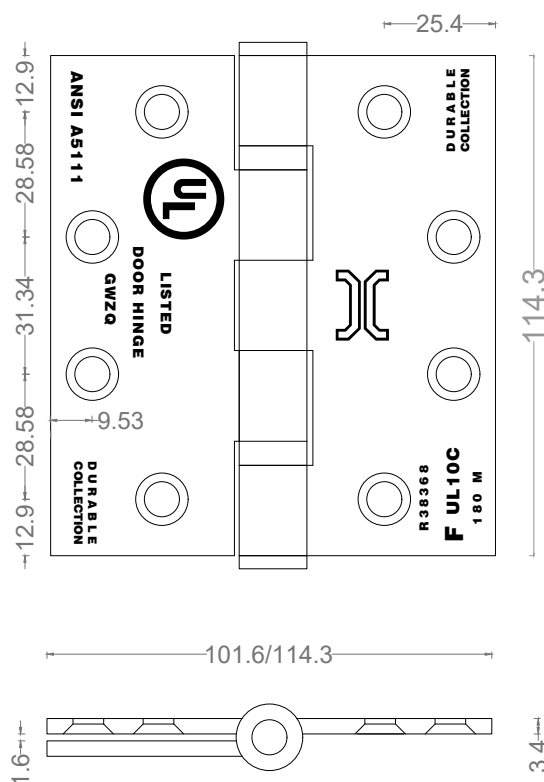
ITEM CODE: BB4.54.53.5, BB4.543.5, BB4.54.53.5NRP & BB4.543.5NRP

**STAINLESS STEEL FULL MORTISE 2 BALL BEARING  
HINGES TYPE**



## Features:

- Area of application: Wooden or metal doors.
- Base material: Stainless steel EN 1.4301 (type 304), optional stainless steel EN 1.4401 (type SUS316).
- UL listed and examined to UL10C. UL unique file #: GWZQ. R38368, suitable for fire rated up to and including 3 hours.
- Template hinge dimensions, screw holes location and tolerance in accordance with ANSI standard A156.7.
- Hinge meets the requirement of NFPA80-2013.
- Certified to ANSI/BHMA standard A156.1-2016 – (ANSI A5112), grade 1 (2,500,000 cycles).
- Square corners. Optional round corners (radius 6.4 mm or 16 mm).
- Clear/free gap: 1.6 mm.
- Standard:
  - Hole in the bottom for easy pin removal & non-rising pin.
  - Non-rising removable pin & hole in the bottom for easy pin removal.
  - Fixed pin & security stud.
- Supplied with:
  - For steel doors: 1 pair of hinge & 16 pcs flat head & countersunk machine screws (12-24 x ½").
  - For wood doors: 1 pair of hinge & 16 pcs flat head and countersunk wood screws (#12 x 1 ¼").
- Standard finish: satin stainless steel (BHMA finish code # 630).
- Other finishes are available upon request.

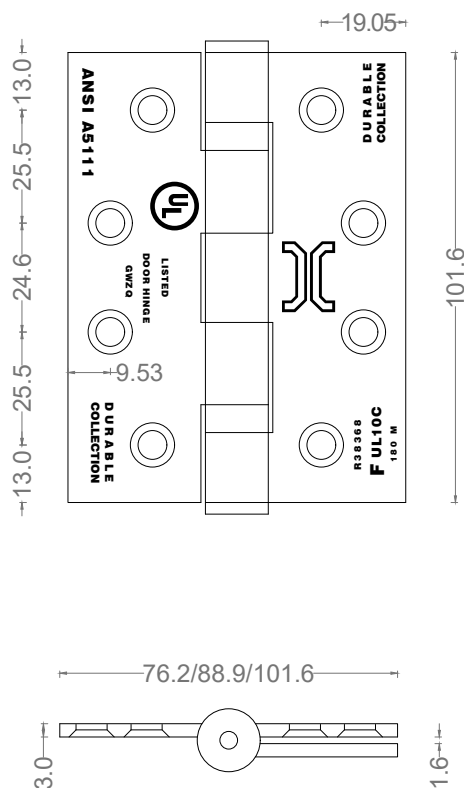


**ITEM CODE: BB433, BB43.53 & BB443**  
**STAINLESS STEEL FULL MORTISE 2 BALL BEARING**  
**HINGES TYPE**



**Features:**

- Area of application: Wooden or metal doors.
- Base material: Stainless steel EN 1.4301 (type 304), optional stainless steel EN 1.4401 (type SUS316).
- UL listed and examined to UL10C. UL unique file #: GWZQ. R38368, suitable for fire rated up to and including 3 hours.
- Template hinge dimensions, screw hole location and tolerance in accordance with ANSI standard A156.7.
- Hinge meets the requirement of NFPA80-2013.
- Certified to ANSI/BHMA standard A156.1-2016 – (ANSI A5112), grade 1 (2,500,000 cycles).
- Square corners. Optional round corners (radius 6.4 mm or 16 mm).
- Clear/free gap: 1.6 mm.
- Standard:
  - Hole in the bottom for easy pin removal & non-rising pin.
  - Non-rising removable pin & hole in the bottom for easy pin removal.
  - Fixed pin & security stud.
- Supplied with:
  - For steel doors: 1 pair of hinge & 16 pcs flat head & countersunk machine screws (10-24 x 1/2").
  - For wood doors: 1 pair of hinge & 16 pcs flat head and countersunk wood screws (#10 x 1 1/4").
- Standard finish: satin stainless steel (BHMA finish code # 630).
- Other finishes are available upon request.



**ITEM CODE: BB4.54.53.5CB, BB4.543.5CB,  
BB4.544.6CB, BB4.54.54.6CB, BB4.54.53.5NRP,  
BB4.543.5NRP, BB4.544.6NRP & BB4.54.54.6NRP  
STAINLESS STEEL FULL MORTISE CONCEALED BEARING  
HINGES TYPE**



## Features:

- Area of application: Wooden or metal doors.
- Base material: Stainless steel EN 1.4301 (type 304), optional stainless steel EN 1.4401 (type SUS316).
- UL listed and examined to UL10C. UL unique file #: GWZQ.R38368, suitable for fire rated up to and including 3 hours.
- Template hinge dimensions, screw holes location and tolerance in accordance with ANSI standard A156.7.
- Hinge meets the requirement of NFPA80-2013.
- Square corners. Optional round corners (radius 6.4 mm or 16 mm).
- Clear/free gap: 1.6 mm.
- Standard:
  - o Fixed pin.
- Optional:
  - o Hole in the bottom for easy pin removal & non-rising pin.
  - o Non-rising removable pin & hole in the bottom for easy pin removal.
- Supplied with:
  - o For steel doors: 1 pair of hinge & 16 pcs flat head & countersunk machine screws (12-24 x 1/2").
  - o For wood doors: 1 pair of hinge & 16 pcs flat head and countersunk wood screws (#12 x 1 1/4").
- Standard finish: satin stainless steel (BHMA finish code # 630).
- Other finishes are available upon request.

