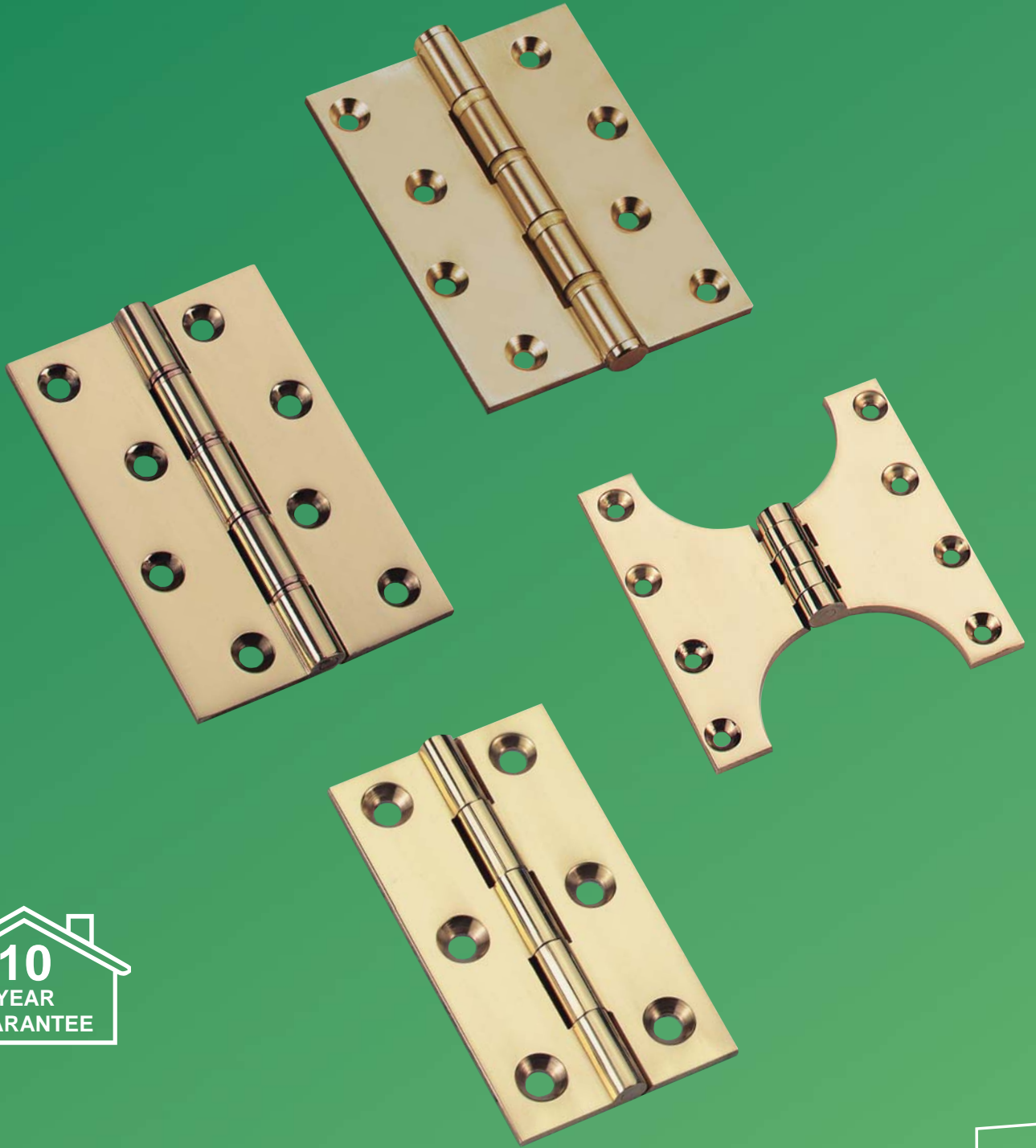


# Brass Butt Hinges



- Unwashed
- Bearing/Washed
- Projection

# Technical Details

<b>Material:</b>	Leaded Brass CZ 130M
<b>Pin:</b>	Brass CZ 121
<b>Washers:</b>	Bronze PB 102 Hard
<b>Bearings:</b>	Case Steel CR 4 Case Brass CZ 106 Track Steel CR 4 RC60-63 Balls Steel Grade 100 Chrome
<b>Application:</b>	Suitable for internal applications
<b>Corrosion Resistance:</b>	Corrosion resistance from external damp conditions
<b>Grade 1:</b>	5,000 Cycles @ 10kg
<b>Grade 2:</b>	5,000 Cycles @ 20kg
<b>Grade 3:</b>	25,000 Cycles @ 20kg
<b>Grade 4:</b>	25,000 Cycles @ 40kg
<b>Grade 5:</b>	200,000 Cycles @ 40kg
<b>Grade 6:</b>	500,000 Cycles @ 40kg
<b>Grade 7:</b>	500,000 Cycles @ 60kg
<b>Grade 8:</b>	200,000 Cycles @ 80kg
<b>Grade 9:</b>	200,000 Cycles @ 120kg

## Finishes

The available finishes for each WP hinge are shown in this brochure by code as follows:

### **Brass Hinges**

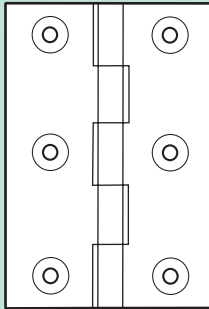
SC	Self Colour
PB	Polished & Lacquered
SCP	Satin Chrome Plate
PCP	Polished Chrome Plate

These precision hinges are supplied non-lubricated, it is recommended that they are lubricated on installation and then at regular intervals thereafter.

# UNWASHERED

## H I N G E S

### Solid Brass Butt

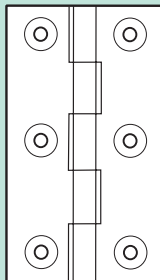


**200 Continuous Hinges**  
With Brass Pin 1.8m Lengths

WIDTH INCHES	MM	PIN DIA MM	LEAF THICKNESS MM	BOX QUANTITY PAIRS	REC SCREW SIZE
1	25	1.8	0.914	25x6ft	4x1/2
1 1/4	32	1.8	0.914	25x6ft	4x1/2
1 1/2	38	1.8	0.914	25x6ft	4x1/2

**Finishes: Brass**

Loading Capacity 6kg per 6ft



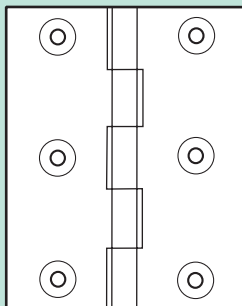
**201 Narrow Suite Hinges**  
With Brass Pin

LENGTH x WIDTH INCHES	MM	KNUCKLE DIA MM	PIN DIA MM	LEAF THICKNESS MM	BOX QUANTITY PAIRS	REC SCREW SIZE
1x5/8	26x16	4	2	1.5	10	2x1/2
1 1/2x3/4	38x19	5	2	2	10	3x1/2
2x7/8	51x22	5	2	2	10	4x1/2
2 1/2x1 1/8	64x29	5	2	2	10	4x1/2
3x1 3/8	76x35	6	2	3	10	6x1 1/2

**Finishes: SC, PB, PCP, SCP**

Available undrilled to order in self colour only\* - Details on request

\*Add UD after product code



**204 Broad Suite Hinges**  
With Brass Pin

LENGTH x WIDTH INCHES	MM	KNUCKLE DIA MM	PIN DIA MM	LEAF THICKNESS MM	BOX QUANTITY PAIRS	REC SCREW SIZE
1 1/2x7/8	38x22	5	2	2	10	4x1/2
2x1 1/8	51x22	5	2	2	10	4x5/8
2 1/2x1 3/8	64x35	5	3	2	10	6x3/4
3x1 5/8	76x41	6	3	2	10	8x1
4x2 3/8	102x60	9	5	3	10	10x1 1/4

**Finishes: SC, PB, PCP, SCP**

Available undrilled to order in self colour only\* - Details on request

\*Add UD after product code

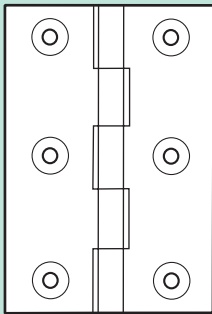
# UNWASHERED

## H I N G E S

### Solid Brass Butt

#### 207 Strong Suite Hinges

With Brass Pin



LENGTH x WIDTH		KNUCKLE DIA MM	PIN DIA MM	LEAF THICKNESS MM	BOX QUANTITY PAIRS	GRADE	REC SCREW SIZE
INCHES	MM						
2x1 <sup>1</sup> / <sub>4</sub>	51x32	5	3	2	10	-	6x3/4
2x1 <sup>1</sup> / <sub>2</sub>	51x38	6	3	3	10	-	6x3/4
2 <sup>1</sup> / <sub>2</sub> x1 <sup>1</sup> / <sub>2</sub>	64x38	6	3	3	10	-	8x1
3x1 <sup>7</sup> / <sub>8</sub>	76x48	8	3	3	10	4	8x1
3x2	76x51	8	3	3	10	4	8x1
4x2 <sup>5</sup> / <sub>8</sub>	102x67	10	5	3	5	5	10x1 <sup>1</sup> / <sub>4</sub>
4x3	102x76	11	6	4	5	6	10x1 <sup>1</sup> / <sub>4</sub>
5x3	127x76	11	6	4	1	6	12x1 <sup>1</sup> / <sub>4</sub>

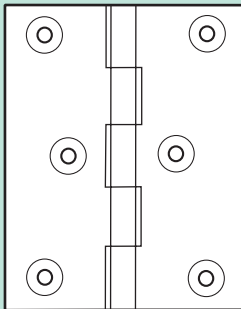
**Finishes: SC, PB, PCP, SCP**

Available undrilled to order in self colour only\* - Details on request

\*Add UD after product code

#### 274 Extra Broad Suite Hinges

With Brass Pin



LENGTH x WIDTH		KNUCKLE DIA MM	PIN DIA MM	LEAF THICKNESS MM	BOX QUANTITY PAIRS	GRADE	REC SCREW SIZE
INCHES	MM						
1 <sup>1</sup> / <sub>2</sub> x1 <sup>1</sup> / <sub>2</sub>	38x38	5	2	2	10	-	4x1/2
1 <sup>3</sup> / <sub>4</sub> x1 <sup>3</sup> / <sub>4</sub>	45x45	5	3	2	10	-	6x5/8
2x1 <sup>7</sup> / <sub>8</sub>	51x48	6	3	2	10	-	6x5/8
2 <sup>1</sup> / <sub>2</sub> x2	64x51	6	3	2	10	-	8x1
3x2 <sup>1</sup> / <sub>2</sub>	76x64	6	3	2.5	10	2	8x1

**Finishes: SC, PB, PCP, SCP**

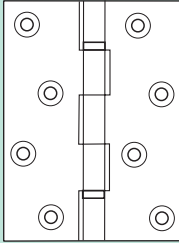
Available undrilled to order in self colour only\* - Details on request

\*Add UD after product code

# BEARING/WASHERED

## H I N G E S

### Solid Brass Butt

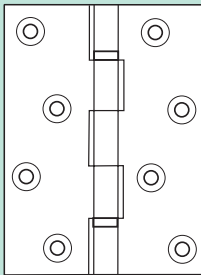


**213 Double Phosphor Bronze Washered Hinges**  
With Brass Pin

LENGTH X WIDTH		KNUCKLE DIA MM	PIN DIA MM	LEAF THICKNESS MM	BOX QUANTITY PAIRS	GRADE	REC SCREW SIZE
INCHES	MM						
3x17/8	76x48	8	3	3	10	5	8x1
3x2	76x51	8	3	3	10	5	8x1
3x23/8	76x60	9	5	3	10	5	10x11/4
4x23/8	102x60	9	5	3	10	5	10x11/4
4x25/8	102x67	9	5	3	5	6	10x11/4
4x3	102x76	11	6	4	5	7	10x11/4
5x3	127x76	11	6	4	1	7	12x11/4
6x3	152x76	11	6	4	1	7	12x11/4
6x4	152x104	13	6	5	1	8	12x11/4

**Finishes: SC, PB, PCP, SCP**

Available with Steel Rotating Security Dog Bolt in 4x25/8 & 4x3 (see 510 Suite)

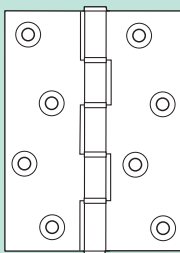


**266 Double Ball Bearing Hinge**  
With Stainless Steel Pin

LENGTH x WIDTH		KNUCKLE DIA MM	PIN DIA MM	LEAF THICKNESS MM	BOX QUANTITY PAIRS	GRADE	REC SCREW SIZE
INCHES	MM						
4x3	102x76	13	6	4	5	8	12x11/4

**Finishes: SC, PB, PCP, SCP**

Available to order with Steel Rotating Security Dog Bolt

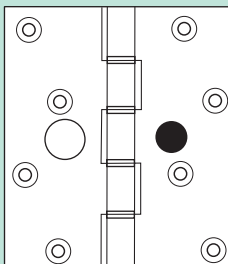


**270 4 Ball Bearing Hinge**  
With Stainless Steel Pin with Button Tips both ends

LENGTH X WIDTH		KNUCKLE DIA MM	PIN DIA MM	LEAF THICKNESS MM	BOX QUANTITY PAIRS	GRADE	REC SCREW SIZE
INCHES	MM						
4x3	102x76	10	5	4	5	9	10x11/4

**Finishes: SC, PB, SCP, PCP**

Available to order with Steel Rotating Security Dog Bolt



**510 Security Hinges**  
Double Phosphor Bronze washered with Brass Pin

LENGTH X WIDTH		KNUCKLE DIA MM	PIN DIA MM	LEAF THICKNESS MM	BOX QUANTITY PAIRS	GRADE	REC SCREW SIZE
INCHES	MM						
4x25/8	102x67	9	5	3	5	6	10x11/4
4x3	102x76	11	6	4	5	7	10x11/4

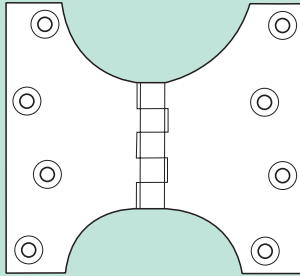
**Finishes: SC**

Available with Steel Rotating Security Dog Bolt

# PROJECTION

## H I N G E S

### Solid Brass



#### 260 Parliament Hinges

With Brass Pin

LENGTH x WIDTH		TO CLEAR MAX PROJ OPEN MM	KNUCKLE DIA MM	PIN DIA MM	LEAF THICKNESS MM	BOX QUANTITY PAIRS	GRADE	REC SCREW SIZE
INCHES	MM							
4x2 <sup>1</sup> / <sub>2</sub> x4	102X64X102	44	13	5	5	1	7	10x1 <sup>1</sup> / <sub>4</sub>
4x3x5	102x76X127	67	13	5	5	1	7	10x1 <sup>1</sup> / <sub>4</sub>
4x4X6	102x102X152	82	13	5	5	1	7	10x1 <sup>1</sup> / <sub>4</sub>

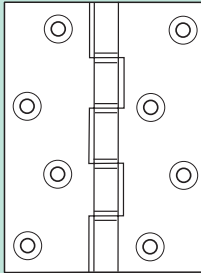
#### Finishes: SC, PB, PCP, SCP

Available undrilled to order in self colour only\* - Details on request

\*Add UD after product code

#### 261 Double Steel Washered Hinges

With Brass Pin

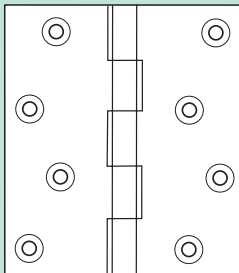


LENGTH x WIDTH		TO CLEAR MAX PROJ OPEN MM	KNUCKLE DIA MM	PIN DIA MM	LEAF THICKNESS MM	BOX QUANTITY PAIRS	GRADE	REC SCREW SIZE
INCHES	MM							
3x3	76x76	28	8	3	4	5	4	8x1
4x3 <sup>1</sup> / <sub>2</sub>	102x89	38	11	6	5	5	6	10x1 <sup>1</sup> / <sub>4</sub>
4x4	102x102	44	11	6	5	1	6	10x1 <sup>1</sup> / <sub>4</sub>
5x4	127x102	44	13	6	5	1	8	12x1 <sup>1</sup> / <sub>4</sub>
5x5	127x127	67	13	6	5	1	8	12x1 <sup>1</sup> / <sub>4</sub>
5x6	127x152	82	13	6	5	1	8	12x1 <sup>1</sup> / <sub>4</sub>

#### Finishes: SC, PB, PCP, SCP

#### 262 Unwashed Hinges

With Brass Pin



LENGTH x WIDTH		TO CLEAR MAX PROJ OPEN MM	KNUCKLE DIA MM	PIN DIA MM	LEAF THICKNESS MM	BOX QUANTITY PAIRS	GRADE	REC SCREW SIZE
INCHES	MM							
3x3	76x76	28	8	3	4	5	4	8x1
4x3 <sup>1</sup> / <sub>2</sub>	102x89	38	11	6	5	5	6	10x1 <sup>1</sup> / <sub>4</sub>
4x4	102x102	44	11	6	5	1	6	10x1 <sup>1</sup> / <sub>4</sub>
5x4	127x102	44	13	6	5	1	8	12x1 <sup>1</sup> / <sub>4</sub>
5x5	127x127	67	13	6	5	1	8	12x1 <sup>1</sup> / <sub>4</sub>
5x6	127x152	82	13	6	5	1	8	12x1 <sup>1</sup> / <sub>4</sub>

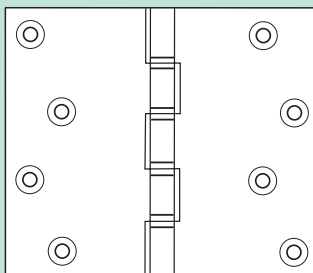
#### Finishes: SC, PB, PCP, SCP

Available undrilled to order in self colour only\* - Details on request

\*Add UD after product code

#### 263 Extra Wide, Drilled Double Phosphor Bronze Washered - With Brass Pin

263 UD, Undrilled Double Phosphor Bronze Washered - With Brass Pin



LENGTH x WIDTH		TO CLEAR MAX PROJ OPEN MM	KNUCKLE DIA MM	PIN DIA MM	LEAF THICKNESS MM	BOX QUANTITY PAIRS	GRADE	REC SCREW SIZE
INCHES	MM							
4x5	102x127	67	13	6	5	1	8	12x1 <sup>1</sup> / <sub>4</sub>
4x6	102x152	82	13	6	5	1	8	12x1 <sup>1</sup> / <sub>4</sub>
4x8	102x203	114	13	6	5	1	8	12x1 <sup>1</sup> / <sub>4</sub>
6x6	152x152	60	13	6	5	1	8	12x1 <sup>1</sup> / <sub>4</sub>
6x8	152x203	114	13	3	3	1	8	12x1 <sup>1</sup> / <sub>4</sub>

#### Finishes: SC, PB, PCP, SCP

Available undrilled to order in self colour only\* - Details on request

\*Add UD after product code