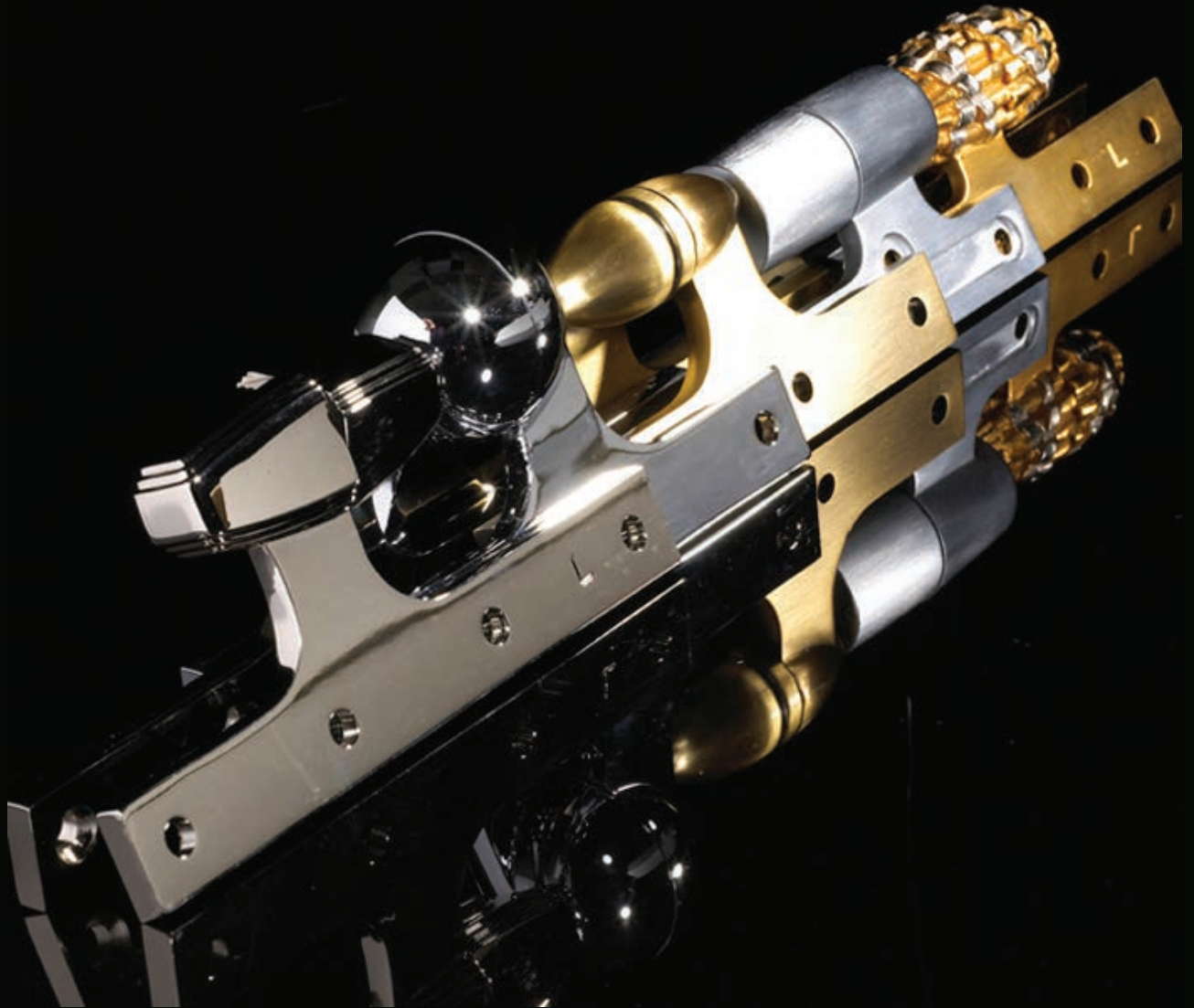


HINGES





Two Knuckle - Plain Bearing - Lift Off - Standard Weight

Handed and Priced as Eaches

		Standard	Distressed	ETERNA
13-3025/2	3.0" x 2.5" Two Knuckle Lift Off Hinge	57.05	61.30	63.41
13-3030/2	3.0" x 3.0" Two Knuckle Lift Off Hinge	65.69	70.84	81.14
13-3535/2	3.5" x 3.5" Two Knuckle Lift Off Hinge	69.55	75.99	83.72
13-4040/2	4.0" x 4.0" Two Knuckle Lift Off Hinge	88.70	94.08	100.80
13-4545/2	4.5" x 4.5" Two Knuckle Lift Off Hinge	97.89	105.62	115.92



Two Knuckle Hinge Pin Cover

Priced as Eaches

		Standard	Distressed	ETERNA
13-30HC	Fits 13-3025/2 & 13-3030/2	17.31	17.95	21.16
13-35HC	Fits 13-3035/2	19.46	20.19	21.63
13-40HC	Fits 13-4040/2	21.63	22.44	24.04
13-45HC	Fits 13-4545/2	24.23	25.12	26.92



Finials, Fit All 10, 11, 13 and 14 Series Hinges

Set of Four

		Standard	Distressed	ETERNA
11-AF	Set of Acorn Finials	58.24	61.60	67.20
11-BF	Set of Ball Finials	50.40	54.88	59.36
11-SF	Set of Steeple Finials	50.40	54.88	59.36
11-UF	Set of Urn Finials	50.40	54.88	59.36
11-RR	Set of Ribbon & Reed Finials	588.00	N/A	N/A

Two Knuckle - Plain Bearing - Lift Off - Standard Weight

Hinge Body: Hinge body is manufactured from CDA alloy 38500 brass. It is machined from an extruded bar, resulting in a hinge with high strength and precision tolerances. The hinges are beveled at the barrel to provide a close fit when the hinge is both open and closed.

Finish: Hinges are individually hand polished assuring an even finish with no unpolished areas. Von Morris extruded hinges are available in over 30 standard finishes. Custom finishing is available. Please refer to the Price List.

Pins: Pins are machined from 304 Stainless Steel for high durability and resistance to rust. The exposed end is rounded to facilitate re-assembly, while the other end is permanently affixed to the bottom leaf.

Finials: Finials are threaded into both ends of the barrel and fit all full mortise hinge sizes. Finials can be purchased separately in sets of four. Decorative finials are individually bagged.

Fasteners: All hinges are provided with type "A" tapping screws. These are solid brass, flat head, counter sunk, undercut phillips head screws. All screws are lacquered to prevent tarnishing. Screws are bagged either six per bag or eight per bag to facilitate sales of single hinges.
#12 machine screws available upon request.

Number of Hinges: For doors up to 89 inches, use three hinges. For each additional 30 inches or fraction thereof, use one additional hinge.

Packing: Two hinges per box with screws and button finials. Each hinge is poly bagged to prevent scratching. Hinges are packed 20 boxes per master carton.

Two Knuckle • Plain Bearing • Lift Off • Standard Weight



Two Knuckle Hinge Pin Cover



13-30HC
13-35HC
13-40HC
13-45HC

13-3025/2
13-3030/2
13-3535/2
13-4040/2
13-4545/2

Part Number	Length of Joint	Width Open	Gauge of Metal	Screw Size	Screwn Qty per Hinge	Packing per Box	Weight per Box
13-3025/2	3.0"	2.5"	0.093"	10 x 1.00"	6	2 pieces	0.8 lbs
13-3030/2	3.0"	3.0"	0.093"	10 x 1.00"	6	2 pieces	1.0 lbs
13-3535/2	3.5"	3.5"	0.123"	10 x 1.00"	6	2 pieces	1.3 lbs
13-4040/2	4.0"	4.0"	0.130"	12 x 1.25"	8	2 pieces	1.6 lbs
13-4545/2	4.5"	4.5"	0.134"	12 x 1.25"	8	2 pieces	2.0 lbs

- Solid Extruded Brass
- Two Knuckle Lift Off Hinges are specified and priced as eaches.
- All hinges have template screw hole locations for use with either wood or hollow metal doors and frames.
- All pins are machined from high grade 304 Stainless Steel material and are affixed to the bottom leaf.
- All finials are threaded into the barrel of the hinge.
- All hinges are furnished standard with button finials and solid brass phillips head, type "A" tapping screws.
- #12 machine screws for 13-4040/2 and 13-4545/2 available upon request, at additional cost.
- All Two Knuckle Hinges are handed. Be sure to specify hand of hinge when ordering.

Solid Brass Mortise Hinge Finials



11-SF
Steeple



11-UF
Urn



11-RR
Ribbon & Reed



11-AF
Acorn



11-BF
Ball

- All finials are interchangeable with all full mortise hinge sizes in order to ease stocking.



Handed and Priced as Eaches

		Standard	Distressed	ETERNA
13-4040BB/2	4.0" x 4.0" Two Knuckle Ball Bearing Lift Off Hinge	94.02	99.18	108.19
13-4545BB/2	4.5" x 4.5" Two Knuckle Ball Bearing Lift Off Hinge	106.90	114.63	200.14



Two Knuckle Ball Bearing Hinge Pin Cover

Priced as Eaches

		Standard	Distressed	ETERNA
13-40BHC	Fits 13-4040BB/2	21.63	22.44	24.04
13-45BHC	Fits 13-4545BB/2	24.23	25.12	26.92



Finials, Fit All 10, 11, 13 and 14 Series Hinges

Set of Four

		Standard	Distressed	ETERNA
11-AF	Set of Acorn Finials	58.24	61.60	67.20
11-BF	Set of Ball Finials	50.40	54.88	59.36
11-SF	Set of Steeple Finials	50.40	54.88	59.36
11-UF	Set of Urn Finials	50.40	54.88	59.36
11-RR	Set of Ribbon & Reed Finials	588.00	N/A	N/A

Two Knuckle - Plain Bearing - Lift Off - Standard Weight

Hinge Body: Hinge body is manufactured from CDA alloy 38500 brass. It is machined from an extruded bar, resulting in a hinge with high strength and precision tolerances. The hinges are beveled at the barrel to provide a close fit when the hinge is both open and closed.

Ball Bearings: Each hinge is equipped with one precision machined anti-friction Stainless Steel ball bearing assembly. The two races are machined from 300 series Stainless Steel. The balls are made from through hardened Stainless Steel. The bearing shell is machined from brass of the same alloy as the hinge body to ensure an accurate color match. The construction results in an extremely durable, long life ball bearing which is able to withstand years of hard use and corrosive environments. This bearing greatly increases both the lateral and vertical load bearing capability of the hinge and therefore increases hinge life. They are recommended for doors which receive average frequency use. They are ALWAYS recommended for doors which are equipped with a door closer.

Finish: Hinges are individually hand polished assuring an even finish with no unpolished areas. Von Morris extruded hinges are available in over 30 standard finishes. Custom finishing is available. Please refer to the Price List.

Pins: Pins are machined from 304 Stainless Steel for high durability and resistance to rust. The exposed end is rounded to facilitate re-assembly, while the other end is permanently affixed to the bottom leaf.

Finials: Finials are threaded into both ends of the barrel and fit all full mortise hinge sizes. Finials can be purchased separately in sets of four. Decorative finials are individually bagged.

Fasteners: All hinges are provided with type "A" tapping screws. These are solid brass, flat head, counter sunk, undercut phillips head screws. All screws are lacquered to prevent tarnishing. Screws are bagged either six per bag or eight per bag to facilitate sales of single hinges.
#12 machine screws available upon request.

Number of Hinges: For doors up to 89 inches, use three hinges. For each additional 30 inches or fraction thereof, use one additional hinge.

Packing: Two hinges per box with screws and button finials. Each hinge is poly bagged to prevent scratching. Hinges are packed 20 boxes per master carton.

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Two Knuckle • Ball Bearing • Lift Off • Standard Weight



Two Knuckle Hinge Pin Cover



13-40BHC
13-45BHC

13-4040BB/2
13-4545BB/2

Part Number	Length of Joint	Width Open	Gauge of Metal	Screw Size	Screwn Qty per Hinge	Packing per Box	Weight per Box
13-4040BB/2	4.0"	4.0"	0.130"	12 x 1.25"	8	2 pieces	1.6 lbs
13-4545BB/2	4.5"	4.5"	0.134"	12 x 1.25"	8	2 pieces	2.0 lbs

- Solid Extruded Brass
- **Two Knuckle Lift Off Hinges are specified and priced as eaches.**
- All hinges have template screw hole locations for use with either wood or hollow metal doors and frames.
- All pins are machined from high grade 304 Stainless Steel material and are affixed to the bottom leaf.
- All finials are threaded into the barrel of the hinge.
- All hinges are furnished standard with button finials and solid brass phillips head, type "A" tapping screws.
- #12 machine screws for available upon request, at additional cost.
- **All Two Knuckle Hinges are handed.** Be sure to specify hand of hinge when ordering.

Solid Brass Mortise Hinge Finials



11-SF
Steeple



11-UF
Urn



11-RR
Ribbon & Reed



11-AF
Acorn



11-BF
Ball

- All finials are interchangeable with all full mortise hinge sizes in order to ease stocking.



Three Knuckle - Plain Bearing - Standard Weight

<i>Sold in Pairs</i>		Standard	Distressed	ETERNA
13-3025/3	3.0" x 2.5" Three Knuckle Hinge	98.94	106.27	109.93
13-3030/3	3.0" x 3.0" Three Knuckle Hinge	98.94	106.27	109.93
13-3535/3	3.5" x 3.5" Three Knuckle Hinge	120.96	129.92	134.40
13-4040/3	4.0" x 4.0" Three Knuckle Hinge	146.34	157.17	162.60
13-4545/3	4.5" x 4.5" Three Knuckle Hinge	170.27	182.90	189.19
10 Prefix	NRP Option (Additional to the above Price) <i>NRP - Non Removable Pins</i>	8.00	8.00	11.00



Finials, Fit All 10, 11, 13 and 14 Series Hinges

<i>Set of Four</i>		Standard	Distressed	ETERNA
11-AF	Set of Acorn Finials	58.24	61.60	67.20
11-BF	Set of Ball Finials	50.40	54.88	59.36
11-SF	Set of Steeple Finials	50.40	54.88	59.36
11-UF	Set of Urn Finials	50.40	54.88	59.36
11-RR	Set of Ribbon & Reed Finials	588.00	N/A	N/A

Three Knuckle - Plain Bearing - Standard Weight

Hinge Body: Hinge body is manufactured from CDA alloy 38500 brass. It is machined from an extruded bar, resulting in a hinge with high strength and precision tolerances. The hinges are beveled at the barrel to provide a close fit when the hinge is both open and closed.

Finish: Hinges are individually hand polished assuring an even finish with no unpolished areas. Von Morris extruded hinges are available in over 30 standard finishes. Custom finishing is available. Please refer to the Price List.

Pins: Pins are machined from 304 Stainless Steel for high durability and resistance to rust. The exposed end is rounded to facilitate re-assembly, while the other end is permanently affixed to the bottom leaf.

Non Removable Pins: NRP hinges for outswinging doors are available for an additional charge. Please refer to the Price List. Use prefix 10 when ordering NRP. Example: 10-4040BB/3-605.

Finials: Finials are threaded into both ends of the barrel and fit all full mortise hinge sizes. Finials can be purchased separately in sets of four. Decorative finials are individually bagged.

Fasteners: All hinges are provided with type "A" tapping screws. These are solid brass, flat head, counter sunk, undercut phillips head screws. All screws are lacquered to prevent tarnishing. Screws are bagged either six per bag or eight per bag to facilitate sales of single hinges.

#12 machine screws available upon request.

Number of Hinges: For doors up to 89 inches, use three hinges. For each additional 30 inches or fraction thereof, use one additional hinge.

Packing: Two hinges per box with screws and button finials. Each hinge is poly bagged to prevent scratching. Hinges are packed 20 boxes per master carton.

Three Knuckle • Plain Bearing • Standard Weight



13-3535/3
13-4040/3
13-4545/3

Part Number	Length of Joint	Width Open	Gauge of Metal	Screw Size	Screwn Qty per Pair	Packing per Box	Weight per Box
13-3025/3	3.0"	2.5"	0.093"	10 x 1.00"	12	1 pr	0.8 lbs
13-3030/3	3.0"	2.5"	0.093"	10 x 1.00"	12	1 pr	1.0 lbs
13-3535/3	3.5"	3.5"	0.123"	10 x 1.00"	12	1 pr	1.3 lbs
13-4040/3	4.0"	4.0"	0.130"	12 x 1.25"	16	1 pr	1.6 lbs
13-4545/3	4.5"	4.5"	0.134"	12 x 1.25"	16	1 pr	2.0 lbs

- Solid Extruded Brass
- **Three Knuckle Hinges are specified and priced as pairs.**
- All hinges have template screw hole locations for use with either wood or hollow metal doors and frames.
- All pins are machined from high grade 304 Stainless Steel material.
- All finials are threaded into the barrel of the hinge to prevent the pin from rising.
- All finials are interchangeable with our full mortise extruded hinges.
- All hinges are furnished standard with button finials and solid brass phillips head, type "A" tapping screws.
- #12 machine screws for 13-4040/3 and 13-4545/3 available upon request, at additional cost.
- NRP option: Use prefix 10 and refer to Price List for additional cost.

Solid Brass Mortise Hinge Finials



11-SF
Steeple



11-UF
Urn



11-RR
Ribbon & Reed



11-AF
Acorn



11-BF
Ball

- All finials are interchangeable with all full mortise hinge sizes in order to ease stocking.



Three Knuckle - Ball Bearing - Standard Weight

Sold in Pairs

		Standard	Distressed	ETERNA
13-4040BB/3	4.0" x 4.0" Three Knuckle Ball Bearing Lift Off Hinge	158.57	169.10	174.94
13-4545BB/3	4.5" x 4.5" Three Knuckle Ball Bearing Lift Off Hinge	181.25	193.47	126.22
10 Prefix	NPR Option (Additional to the Above Price) <i>NRP - Non Removable Pins</i>	8.00	8.00	11.00



Finials, Fit All 10, 11, 13 and 14 Series Hinges

Set of Four

		Standard	Distressed	ETERNA
11-AF	Set of Acorn Finials	58.24	61.60	67.20
11-BF	Set of Ball Finials	50.40	54.88	59.36
11-SF	Set of Steeple Finials	50.40	54.88	59.36
11-UF	Set of Urn Finials	50.40	54.88	59.36
11-RR	Set of Ribbon & Reed Finials	588.00	N/A	N/A

Three Knuckle - Ball Bearing - Standard Weight

Hinge Body: Hinge body is manufactured from CDA alloy 38500 brass. It is machined from an extruded bar, resulting in a hinge with high strength and precision tolerances. The hinges are beveled at the barrel to provide a close fit when the hinge is both open and closed.

Ball Bearings: Each hinge is equipped with one precision machined anti-friction Stainless Steel ball bearing assembly. The two races are machined from 300 series Stainless Steel. The balls are made from through hardened Stainless Steel. The bearing shell is machined from brass of the same alloy as the hinge body to ensure an accurate color match. The construction results in an extremely durable, long life ball bearing which is able to withstand years of hard use and corrosive environments. This bearing greatly increases both the lateral and vertical load bearing capability of the hinge and therefore increases hinge life. They are recommended for doors which receive average frequency use. They are ALWAYS recommended for doors which are equipped with a door closer.

Finish: Hinges are individually hand polished assuring an even finish with no unpolished areas. Von Morris extruded hinges are available in over 30 standard finishes. Custom finishing is available. Please refer to the Price List.

Pins: Pins are machined from 304 Stainless Steel for high durability and resistance to rust. The exposed end is rounded to facilitate re-assembly, while the other end is permanently affixed to the bottom leaf.

Non Removable Pins: NRP hinges for outswinging doors are available for an additional charge. Please refer to the Price List. Use prefix 10 when ordering NRP. Example: 10-4040BB/3-605.

Finials: Finials are threaded into both ends of the barrel and fit all full mortise hinge sizes. Finials can be purchased separately in sets of four. Decorative finials are individually bagged.

Fasteners: All hinges are provided with type "A" tapping screws. These are solid brass, flat head, counter sunk, undercut phillips head screws. All screws are lacquered to prevent tarnishing. Screws are bagged either six per bag or eight per bag to facilitate sales of single hinges.
#12 machine screws available upon request.

Number of Hinges: For doors up to 89 inches, use three hinges. For each additional 30 inches or fraction thereof, use one additional hinge.

Packing: Two hinges per box with screws and button finials. Each hinge is poly bagged to prevent scratching. Hinges are packed 20 boxes per master carton.

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Three Knuckle • Ball Bearing • Standard Weight



13-4040BB/3
13-4545BB/3

Part Number	Length of Joint	Width Open	Gauge of Metal	Screw Size	Screwn Qty per Pair	Packing per Box	Weight per Box
13-4040BB/3	4.0"	4.0"	0.130"	12 x 1.25"	16	1 pr	1.6 lbs
13-4545BB/3	4.5"	4.5"	0.134"	12 x 1.25"	16	1 pr	2.0 lbs

- Solid Extruded Brass
- **Three Knuckle Hinges are specified and priced as pairs.**
- Equipped with two precision machined, anti-friction Stainless Steel ball bearing assemblies.
- All hinges have template screw hole locations for use with either wood or hollow metal doors and frames.
- All pins are machined from high grade 304 Stainless Steel material.
- All finials are threaded into the barrel of the hinge to prevent the pin from rising.
- All finials are interchangeable with our full mortise extruded hinges.
- All hinges are furnished standard with button finials and solid brass phillips head, type "A" tapping screws.
- #12 machine screws available upon request, at additional cost.

Solid Brass Mortise Hinge Finials



11-SF
Steeple



11-UF
Urn



11-RR
Ribbon & Reed



11-AF
Acorn



11-BF
Ball

- All finials are interchangeable with all full mortise hinge sizes in order to ease stocking.



Five Knuckle - Plain Bearing - Standard Weight

	<i>Sold in Pairs</i>	Standard	Distressed	ETERNA
11-3025	3.0" x 2.5" Five Knuckle Hinge	76.91	89.12	95.22
11-3030	3.0" x 3.0" Five Knuckle Hinge	76.91	89.12	95.22
11-3535	3.5" x 3.5" Five Knuckle Hinge	83.01	95.22	107.43
11-4040	4.0" x 4.0" Five Knuckle Hinge	94.00	107.43	115.54
11-4545	4.5" x 4.5" Five Knuckle Hinge	104.66	111.98	135.62
10 Prefix	NPR Option (Additional to the Above Price) <i>NRP - Non Removable Pins</i>	8.00	8.00	11.00



Finials, Fit All 10, 11, 13 and 14 Series Hinges

	<i>Set of Four</i>	Standard	Distressed	ETERNA
11-AF	Set of Acorn Finials	58.24	61.60	67.20
11-BF	Set of Ball Finials	50.40	54.88	59.36
11-SF	Set of Steeple Finials	50.40	54.88	59.36
11-UF	Set of Urn Finials	50.40	54.88	59.36
11-RR	Set of Ribbon & Reed Finials	588.00	N/A	N/A

Five Knuckle - Plain Bearing - Standard Weight

Hinge Body: Hinge body is manufactured from CDA alloy 38500 brass. It is machined from an extruded bar, resulting in a hinge with high strength and precision tolerances. The hinges are beveled at the barrel to provide a close fit when the hinge is both open and closed.

Finish: Hinges are individually hand polished assuring an even finish with no unpolished areas. Von Morris extruded hinges are available in over 30 standard finishes. Custom finishing is available. Please refer to the Price List.

Pins: Pins are machined from 304 Stainless Steel for high durability and resistance to rust. The exposed end is rounded to facilitate re-assembly, while the other end is permanently affixed to the bottom leaf.

Non Removable Pins: NRP hinges for outswinging doors are available for an additional charge. Please refer to the Price List. Use prefix 10 when ordering NRP. Example: 10-4040-605.

Finials: Finials are threaded into both ends of the barrel and fit all full mortise hinge sizes. Finials can be purchased separately in sets of four. Decorative finials are individually bagged.

Fasteners: All hinges are provided with type "A" tapping screws. These are solid brass, flat head, counter sunk, undercut phillips head screws. All screws are lacquered to prevent tarnishing. Screws are bagged either six per bag or eight per bag to facilitate sales of single hinges.
#12 machine screws available upon request.

Number of Hinges: For doors up to 89 inches, use three hinges. For each additional 30 inches or fraction thereof, use one additional hinge.

Packing: Two hinges per box with screws and button finials. Each hinge is poly bagged to prevent scratching. Hinges are packed 20 boxes per master carton.

Five Knuckle • Plain Bearing • Standard Weight



11-3025
11-3030
11-3535
11-4040
11-4545

Part Number	Length of Joint	Width Open	Gauge of Metal	Screw Size	Screwn Qty per Pair	Packing per Box	Weight per Box
11-3025	3.0"	2.5"	0.093"	10 x 1.00"	12	1 pr	0.8 lbs
11-3030	3.0"	3.0"	0.093"	10 x 1.00"	12	1 pr	1.0 lbs
11-3535	3.5"	3.5"	0.123"	10 x 1.00"	12	1 pr	1.3 lbs
11-4040	4.0"	4.0"	0.130"	12 x 1.25"	12	1 pr	1.6 lbs
11-4545	4.5"	4.5"	0.134"	12 x 1.25"	12	1 pr	2.0 lbs

- Solid Extruded Brass
- **All 11 series hinges are priced and sold as pairs.**
- All hinges have template screw hole locations for use with either wood or hollow metal doors and frames.
- All pins are machined from high grade 304 Stainless Steel material.
- All finials are threaded into the barrel of the hinge to prevent the pin from rising.
- All hinges are furnished standard with button finials and solid brass phillips head, type "A" tapping screws.
- #12 machine screws for 11-4040 and 11-4545 available upon request, at additional cost.
- NRP option: Use prefix 10 and refer to Price List for additional cost.

Solid Brass Mortise Hinge Finials



11-SF
Steeple



11-UF
Urn



11-RR
Ribbon & Reed



11-AF
Acorn



11-BF
Ball

- All finials are interchangeable with all full mortise hinge sizes in order to ease stocking.



Five Knuckle - Ball Bearing - Standard Weight

Sold in Pairs

11-4040BB	4.0" x 4.0" Five Knuckle Ball Bearing Hinge	107.16	114.66	135.36
11-4545BB	4.5" x 4.5" Five Knuckle Ball Bearing Hinge	121.26	129.75	155.10
11-5050BB	5.0" x 5.0" Five Knuckle Ball Bearing Hinge	169.20	181.04	211.50
10 Prefix	NPR Option (Additional to the Above Price) <i>NRP - Non Removable Pins</i>	8.00	8.00	11.00



Finials, Fit All 10, 11, 13 and 14 Series Hinges

Set of Four

		Standard	Distressed	ETERNA
11-AF	Set of Acorn Finials	58.24	61.60	67.20
11-BF	Set of Ball Finials	50.40	54.88	59.36
11-SF	Set of Steeple Finials	50.40	54.88	59.36
11-UF	Set of Urn Finials	50.40	54.88	59.36
11-RR	Set of Ribbon & Reed Finials	588.00	N/A	N/A

Five Knuckle - Ball Bearing - Standard Weight

Hinge Body: Hinge body is manufactured from CDA alloy 38500 brass. It is machined from an extruded bar, resulting in a hinge with high strength and precision tolerances. The hinges are beveled at the barrel to provide a close fit when the hinge is both open and closed.

Ball Bearings: Each hinge is equipped with two precision machined anti-friction Stainless Steel ball bearing assemblies. The two races are machined from 300 series Stainless Steel. The balls are made from through hardened Stainless Steel. The bearing shell is machined from brass of the same alloy as the hinge body to ensure an accurate color match. The construction results in an extremely durable, long life ball bearing which is able to withstand years of hard use and corrosive environments. These bearings greatly increase both the lateral and vertical load bearing capability of the hinge and therefore increase hinge life. They are recommended for doors which receive average frequency use. They are ALWAYS recommended for doors which are equipped with a door closer.

Finish: Hinges are individually hand polished assuring an even finish with no unpolished areas. Von Morris extruded hinges are available in over 30 standard finishes. Custom finishing is available. Please refer to the Price List.

Pins: Pins are machined from 304 Stainless Steel for high durability and resistance to rust. The exposed end is rounded to facilitate re-assembly, while the other end is permanently affixed to the bottom leaf.

Non Removable Pins: NRP hinges for outswinging doors are available for an additional charge. Please refer to the Price List. Use prefix 10 when ordering NRP. Example: 10-4040BB-605.

Finials: Finials are threaded into both ends of the barrel and fit all full mortise hinge sizes. Finials can be purchased separately in sets of four. Decorative finials are individually bagged.

Fasteners: All hinges are provided with type "A" tapping screws. These are solid brass, flat head, counter sunk, undercut phillips head screws. All screws are lacquered to prevent tarnishing. Screws are bagged either six per bag or eight per bag to facilitate sales of single hinges.
#12 machine screws available upon request.

Number of Hinges: For doors up to 89 inches, use three hinges. For each additional 30 inches or fraction thereof, use one additional hinge.

Packing: Two hinges per box with screws and button finials. Each hinge is poly bagged to prevent scratching. Hinges are packed 20 boxes per master carton.

Five Knuckle • Ball Bearing • Standard Weight



11-4040
11-4545
11-5050

Part Number	Length of Joint	Width Open	Gauge of Metal	Screw Size	Screwn Qty per Pair	Packing per Box	Weight per Box
11-4040BB	4.0"	4.0"	0.130"	12 x 1.25"	16	1 pr	1.6 lbs
11-4545BB	4.5"	4.5"	0.134"	12 x 1.25"	16	1 pr	2.0 lbs
11-5050BB	5.0"	5.0"	0.146"	12 x 1.25"	16	1 pr	2.8 lbs

- Solid Extruded Brass
- **All 11 series hinges are priced and sold as pairs.**
- Equipped with two precision machined, anti-friction Stainless Steel ball bearing assemblies.
- All hinges have template screw hole locations for use with either wood or hollow metal doors and frames.
- All pins are machined from high grade 304 Stainless Steel material.
- All finials are threaded into the barrel of the hinge to prevent the pin from rising.
- All finials are interchangeable with our full mortise extruded hinges.
- All hinges are furnished standard with button finials and solid brass phillips head, type "A" tapping screws.
- #12 machine screws available upon request, at additional cost.
- NRP option: Use prefix 10 and refer to Price List for additional cost.

Solid Brass Mortise Hinge Finials



11-SF
Steeple



11-UF
Urn



11-RR
Ribbon & Reed



11-AF
Acorn



11-BF
Ball

- All finials are interchangeable with all full mortise hinge sizes in order to ease stocking.



Olive Knuckle - Ball Bearing - Standard Weight Hinges

	<i>Hinges are Handed and Priced as Eaches</i>	Standard	Distressed	ETERNA
19-5032	5.0" x 3.2" Olive Knuckle Hinge	181.44	220.15	235.87
19-6038	6.0" x 3.8" Olive Knuckle Hinge	193.54	237.08	254.02



Olive Knuckle Pin Cover

	<i>Priced as Eaches</i>	Standard	Distressed	ETERNA
19-5000	Olive Knuckle Pin Cover	55.29	67.74	72.58

Olive Knuckle - Ball Bearing - Standard Weight Hinges

Hinge Body: Hinge body is manufactured of solid forged brass.

Ball Bearings: Each hinge is equipped with one precision machined anti-friction ball bearing assembly. The two races are machined from 300 series Stainless Steel. The balls are Stainless Steel as well. The bearing shell is machined from brass of the same alloy as the hinge body to ensure an accurate color match. The construction results in an extremely durable, long life ball bearing which is able to withstand years of hard use and corrosive environments. This bearing greatly increases both the lateral and vertical load bearing capability of the hinge and therefore increases hinge life.

Finish: Hinges are individually hand polished assuring an even finish with no unpolished areas. Von Morris Olive Knuckle hinges are available in over 30 standard finishes. Custom finishing is available. Please refer to the Price List.

Pins: Pins are machined from 300 Stainless Steel for high durability and resistance to rust. They are permanently installed in one half of the hinge. The exposed end is rounded to facilitate re-assembly.

Fasteners: All hinges are provided with type "A" tapping screws. These are solid brass, flat head, counter sunk, undercut phillips head screws. Screws are bagged eight per bag.

Number of Hinges: For doors up to 89 inches, use three hinges. For each additional 30 inches or fraction thereof, use one additional hinge.

Packing: Two hinges per box with screws. Each hinge is poly bagged to prevent scratching. Hinges are packed 15 boxes per master carton.

Handing and Specifying : These hinges are handed. Please be sure to specify hand of hinges when ordering. Olive Knuckle Hinges are priced and sold as eaches.

Olive Knuckle - Ball Bearing - Standard Weight - Solid Forged Brass



19-5032
19-6038

Part Number	Length of Joint	Width Open	Gauge of Metal	Screw Size	Screws Hinge	Packing per Box	Weight per Box	Knuckle Size
19-5032	5.0"	3.250"	0.169"	12 x 1.25"	8	2 pcs	1.6 lbs	2.60"H x 0.93"D
19-6038	6.0"	3.875"	0.203"	12 x 1.25"	8	2 pcs	2.0 lbs	2.60"H x 0.93"D

- Solid Forged Brass
- **Olive Knuckle Hinges are priced and sold as eaches.**
- Equipped with one precision machined, anti-friction bearing assembly per hinge.
- Ball bearings are machined from 300 series Stainless Steel and employ Stainless Steel balls.
- All pins are precision machined from 300 series Stainless Steel.
- **All Olive Knuckle Hinges are handed.** Be sure to specify hand of hinge when ordering.
- Custom open widths available upon request.

Solid Brass Olive Knuckle Pin Cover



19-5000

- Olive Knuckle Pin Cover



Olive Knuckle - Ball Bearing - Heavy Weight Hinges

Hinges are Handed and Priced as Eaches

		Standard	Distressed	ETERNA
19-6040	6.0" x 4.0" Olive Knuckle Hinge	217.73	270.95	284.26
19-6045	6.0" x 4.5" Olive Knuckle Hinge	229.82	287.88	302.40
19-6050	6.0" x 5.0" Olive Knuckle Hinge	241.92	304.82	320.54



Olive Knuckle Pin Cover

Priced as Eaches

		Standard	Distressed	ETERNA
19-6000	Olive Knuckle Pin Cover	55.29	67.74	72.58

Olive Knuckle - Ball Bearing - Heavy Weight Hinges

Hinge Body: Hinge body is manufactured of solid forged brass.

Ball Bearings: Each hinge is equipped with one precision machined anti-friction ball bearing assembly. The two races are machined from 300 series Stainless Steel. The balls are Stainless Steel as well. The bearing shell is machined from brass of the same alloy as the hinge body to ensure an accurate color match. The construction results in an extremely durable, long life ball bearing which is able to withstand years of hard use and corrosive environments. This bearing greatly increases both the lateral and vertical load bearing capability of the hinge and therefore increases hinge life.

Finish: Hinges are individually hand polished assuring an even finish with no unpolished areas. Von Morris Olive Knuckle hinges are available in over 30 standard finishes. Custom finishing is available. Please refer to the Price List.

Pins: Pins are machined from 300 Stainless Steel for high durability and resistance to rust. They are permanently installed in one half of the hinge. The exposed end is rounded to facilitate re-assembly.

Fasteners: All hinges are provided with type "A" tapping screws. These are solid brass, flat head, counter sunk, undercut phillips head screws. Screws are bagged eight per bag.

Number of Hinges: For doors up to 89 inches, use three hinges. For each additional 30 inches or fraction thereof, use one additional hinge.

Packing: Two hinges per box with screws. Each hinge is poly bagged to prevent scratching. Hinges are packed 15 boxes per master carton.

Handing and Specifying: These hinges are handed. Please be sure to specify hand of hinges when ordering. Olive Knuckle Hinges are priced and sold as eaches.

Olive Knuckle - Ball Bearing - Heavy Weight - Solid Forged Brass



19-6040
19-6045
19-6050

Part Number	Length of Joint	Width Open	Gauge of Metal	Screw Size	Screws Hinge	Packing per Box	Weight per Box	Knuckle Size
19-6040	6.0"	4.0"	0.255"	12 x 1.25"	8	2 pcs	1.2 lbs	2.60"H x 0.93"D
19-6045	6.0"	4.5"	0.255"	12 x 1.25"	8	2 pcs	1.3 lbs	2.60"H x 0.93"D
19-6050	6.0"	5.0"	0.255"	12 x 1.25"	8	2 pcs	1.4 lbs	2.60"H x 0.93"D

- Solid Forged Brass
- **Olive Knuckle Hinges are priced and sold as eaches.**
- Equipped with one precision machined, anti-friction bearing assembly per hinge.
- Ball bearings are machined from 300 series Stainless Steel and employ Stainless Steel balls.
- All pins are precision machined from 300 series Stainless Steel.
- **All Olive Knuckle Hinges are handed.** Be sure to specify hand of hinge when ordering.
- Custom open widths available upon request.

Solid Brass Olive Knuckle Pin Cover



19-6000

- Olive Knuckle Pin Cover



Olive Knuckle - Concealed Ball Bearing - Heavy Weight Hinges

Hinges are Handed and Priced as Eaches

		Standard	Distressed	ETERNA
19-7055	7.0" x 5.5" Olive Knuckle Hing	446.04	499.56	535.25



Olive Knuckle Pin Cover

Priced as Eaches

		Standard	Distressed	ETERNA
19-7000	Olive Knuckle Pin Cover	83.16	93.14	99.79

Olive Knuckle - Concealed Ball Bearing - Heavy Weight - Solid Forged Brass

Hinge Body: Hinge body is manufactured of solid forged brass.

Ball Bearings: Each hinge is equipped with one precision machined anti-friction ball bearing assembly. The two races are machined from 300 series Stainless Steel. The balls are Stainless Steel as well. The bearing shell is machined from brass of the same alloy as the hinge body to ensure an accurate color match. The construction results in an extremely durable, long life ball bearing which is able to withstand years of hard use and corrosive environments. This bearing greatly increases both the lateral and vertical load bearing capability of the hinge and therefore increases hinge life.

Finish: Hinges are individually hand polished assuring an even finish with no unpolished areas. Von Morris Olive Knuckle hinges are available in over 30 standard finishes. Custom finishing is available. Please refer to the Price List.

Pins: Pins are machined from 300 Stainless Steel for high durability and resistance to rust. They are permanently installed in one half of the hinge. The exposed end is rounded to facilitate re-assembly.

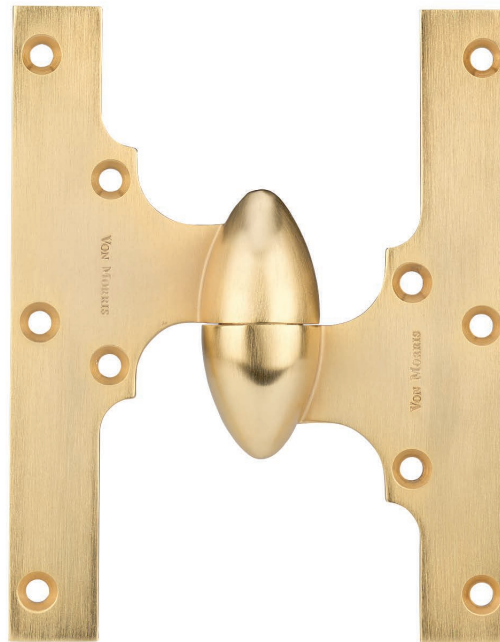
Fasteners: All hinges are provided with type "A" tapping screws. These are solid brass, flat head, counter sunk, undercut phillips head screws. Screws are bagged eight per bag.

Number of Hinges: For doors up to 89 inches, use three hinges. For each additional 30 inches or fraction thereof, use one additional hinge.

Packing: Two hinges per box with screws. Each hinge is poly bagged to prevent scratching. Hinges are packed 15 boxes per master carton.

Handing and Specifying: These hinges are handed. Please be sure to specify hand of hinges when ordering. Olive Knuckle Hinges are priced and sold as eaches.

Olive Knuckle - Concealed Ball Bearing - Heavy Weight - Solid Forged Brass



19-7055

Part Number	Length of Joint	Width Open	Gauge of Metal	Screw Size	Screws Hinge	Packing per Box	Weight per Box	Knuckle Size
19-7055	7.00"	5.50"	0.310"	12 x 1.25"	10	2 pcs	5.0 lbs	3.00"H x 1.32"D

- Solid Forged Brass
- **Olive Knuckle Hinges are priced and sold as eaches.**
- Equipped with one precision machined, anti-friction bearing assembly per hinge.
- Ball bearings are machined from 300 series Stainless Steel and employ Stainless Steel balls.
- All pins are precision machined from 300 series Stainless Steel.
- **All Olive Knuckle Hinges are handed.** Be sure to specify hand of hinge when ordering.
- Custom open widths available upon request.
- Minimum door thickness 2.25".
- Installation: Centered on edge of door; knuckle 1/4" off face of door.

Solid Brass Olive Knuckle Pin Cover



19-7000

- Olive Knuckle Pin Cover



Art Deco Olive Knuckle - Solid Forged Brass Hinges

	<i>Hinges are Handed and Priced as Eaches</i>	Standard	Distressed	ETERNA
16-5032	Art Deco 5.0" x 3.2" Olive Knuckle Hinge	266.04	289.17	321.31
16-6038	Art Deco 6.0" x 3.8" Olive Knuckle Hinge	283.77	308.45	342.72
16-6040	Art Deco 6.0" x 4.0" Olive Knuckle Hinge	317.46	345.07	383.41
16-6045	Art Deco 6.0" x 4.5" Olive Knuckle Hinge	334.61	363.71	404.13
16-6050	Art Deco 6.0" x 5.0" Olive Knuckle Hinge	325.36	383.00	425.54

Art Deco Olive Knuckle Hinges

Hinge Body: Hinge is manufactured of solid forged brass.

Ball Bearings: Each hinge is equipped with two precision machined anti-friction bearing assemblies. The ball bearing carries thrust loads along the axis of the pin and consists of two 300 series Stainless Steel races with Stainless Steel balls in a brass shell. A needle bearing carries axial loads perpendicular to the pin. The construction results in an extremely durable, long life hinge which is able to withstand years of hard use and corrosive environments. These bearings greatly increase both the lateral and vertical load bearing capability of the hinge and therefore increase hinge life.

Finish: Hinges are individually hand polished assuring an even finish with no unpolished areas. Von Morris Art Deco Olive Knuckle hinges are available in over 30 standard finishes. Custom finishing is available. Please refer to the Price List.

Pins: Pins are machined from 300 series Stainless Steel for high durability and resistance to rust. They are permanently installed in one half of the hinge. The exposed end is rounded to facilitate re-assembly.

Fasteners: All hinges are provided with type "A" tapping screws. These are solid brass, flat head, counter sunk, undercut phillips head screws. Screws are bagged eight per bag.

Number of Hinges: For doors up to 89 inches, use three hinges. For each additional 30 inches or fraction thereof, use one additional hinge.

Packing: Two hinges per box with screws. Each hinge is poly bagged to prevent scratching.

Handing and Specifying: These hinges are handed. Please be sure to specify hand of hinges when ordering. Olive Knuckle Hinges are priced and sold as eaches.

Art Deco Olive Knuckle - Concealed Ball Bearing Heavy Weight - Solid Forged Brass Hinges



16-5032
16-6038
16-6040
16-6045
16-6050

Part Number	Length of Joint	Width Open	Gauge of Metal	Screw Size	Screws Hinge	Packing per Box	Weight per Box	Knuckle Size
16-5032	5.0"	3.250"	0.169"	12 x 1.25"	8	2 pcs	2.20 lbs	2.75"H x 1.00"D
16-6038	6.0"	3.875"	0.203"	12 x 1.25"	8	2 pcs	2.65 lbs	2.75"H x 1.00"D
16-6040	6.0"	4.0"	0.255"	12 x 1.25"	8	2 pcs	3.00 lbs	2.75"H x 1.00"D
16-6045	6.0"	4.5"	0.255"	12 x 1.25"	8	2 pcs	3.05 lbs	2.75"H x 1.00"D
16-6050	6.0"	5.0"	0.255"	12 x 1.25"	8	2 pcs	3.15 lbs	2.75"H x 1.00"D

- **Art Deco Olive Knuckle Hinges are priced and sold as eaches.**
- Concealed Stainless Steel Bearing.
- Solid Forged Brass.
- Equipped with one concealed, precision machined, anti-friction bearing assembly per hinge.
- Ball Bearings are machined from 300 series Stainless Steel and employ Stainless Steel balls.
- All pins are precision machined from 300 series Stainless Steel.
- **All Art Deco Olive Knuckle hinges are handed.** Be sure to specify hand of hinge when ordering.
- See website, www.vonmorris.com for Details on Sizes and Installation



Ribbon & Reed Olive Knuckle - Solid Forged Brass Hinges

	<i>Hinges are Handed and Priced as Eaches</i>	Standard
17-5032	Ribbon & Reed 5.0" x 3.2" Olive Knuckle Hinge	504.00
17-6038	Ribbon & Reed 6.0" x 3.8" Olive Knuckle Hinge	537.60
17-6040	Ribbon & Reed 6.0" x 4.0" Olive Knuckle Hinge	600.32
17-6045	Ribbon & Reed 6.0" x 4.5" Olive Knuckle Hinge	633.92
17-6050	Ribbon & Reed 6.0" x 5.0" Olive Knuckle Hinge	667.52

Ribbon & Reed Olive Knuckle Hinges

Hinge Body: Hinge is manufactured of solid forged brass.

Ball Bearings: Each hinge is equipped with two precision machined anti-friction bearing assemblies. The ball bearing carries thrust loads along the axis of the pin and consists of two 300 series Stainless Steel races with Stainless Steel balls in a brass shell. A needle bearing carries axial loads perpendicular to the pin. The construction results in an extremely durable, long life hinge which is able to withstand years of hard use and corrosive environments. These bearings greatly increase both the lateral and vertical load bearing capability of the hinge and therefore increase hinge life.

Finish: Hinges are individually hand polished assuring an even finish with no unpolished areas. Von Morris Ribbon & Reed Olive Knuckle hinges are available in over 30 standard finishes. Custom finishing is available. Please refer to the Price List.

Pins: Pins are machined from 300 series Stainless Steel for high durability and resistance to rust. They are permanently installed in one half of the hinge. The exposed end is rounded to facilitate re-assembly.

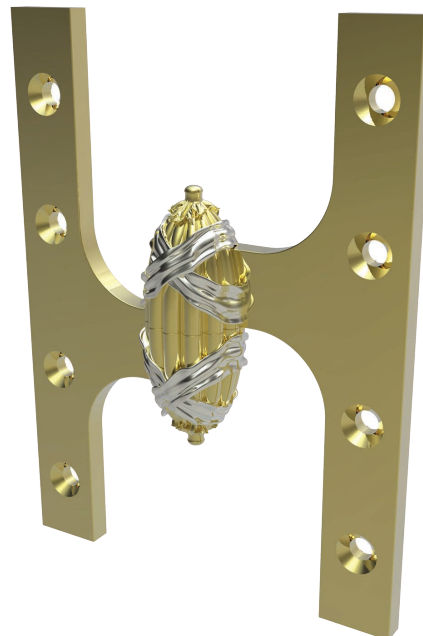
Fasteners: All hinges are provided with type "A" tapping screws. These are solid brass, flat head, counter sunk, undercut phillips head screws. Screws are bagged eight per bag.

Number of Hinges: For doors up to 89 inches, use three hinges. For each additional 30 inches or fraction thereof, use one additional hinge.

Packing: Two hinges per box with screws. Each hinge is poly bagged to prevent scratching.

Handing and Specifying: These hinges are handed. Please be sure to specify hand of hinges when ordering. Olive Knuckle Hinges are priced and sold as eaches.

Ribbon & Reed Olive Knuckle - Concealed Ball Bearing Standard and Heavy Weight - Solid Forged Brass Hinges



Side View

17-5032
17-6038
17-6040
17-6045
17-6050

Part Number	Length of Joint	Width Open	Gauge of Metal	Screw Size	Screws Hinge	Packing per Box	Weight per Box	Knuckle Size
17-5032	5.0"	3.250"	0.169"	12 x 1.25"	8	2 pcs	2.05 lbs	2.75"H x 1.20"D
17-6038	6.0"	3.875"	0.203"	12 x 1.25"	8	2 pcs	2.45 lbs	2.75"H x 1.20"D
17-6040	6.0"	4.0"	0.255"	12 x 1.25"	8	2 pcs	2.65 lbs	2.75"H x 1.20"D
17-6045	6.0"	4.5"	0.255"	12 x 1.25"	8	2 pcs	2.90 lbs	2.75"H x 1.20"D
17-6050	6.0"	5.0"	0.255"	12 x 1.25"	8	2 pcs	3.00 lbs	2.75"H x 1.20"D

- **Ribbon & Reed Olive Knuckle Hinges are priced and sold as eaches.**
- Concealed Stainless Steel Bearing.
- Forged Brass Arm.
- Lost Wax Cast Knuckle
- Equipped with one concealed, precision machined, anti-friction bearing assembly per hinge.
- Ball Bearings are machined from 300 series Stainless Steel and employ Stainless Steel balls.
- All pins are precision machined from 300 series Stainless Steel.
- See website, www.vonmorris.com for Details on Sizes and Installation
- **All Ribbon & Reed Olive Knuckle hinges are handed.** Be sure to specify hand of hinge when ordering.



Paumelle Hinge - Heavy Weight - Solid Forged Brass Hinges

	<i>Hinges are Handed and Priced as Eaches</i>	Standard	Distressed	ETERNA
18-4535	Paumelle 4.5" x 3.5" Paumelle Hinge	218.97	254.00	262.77
18-5045	Paumelle 5.0" x 4.5" Paumelle Hinge	246.97	286.48	296.35
18-6045	Paumelle 6.0" x 4.5" Paumelle Hinge	283.59	328.97	340.31

Paumelle Hinge - Heavy Weight - Solid Forged Brass

Hinge Body: Hinge body is manufactured of solid forged brass.

Bearings: Each hinge is equipped with two precision machined anti-friction bearing assemblies. The ball bearing carries thrust loads along the axis of the pin and consists of two 300 series Stainless Steel races with Stainless Steel balls in a brass shell. A needle bearing carries axial loads perpendicular to the pin. The construction results in an extremely durable, long life hinge which is able to withstand years of hard use and corrosive environments. These bearings greatly increase both the lateral and vertical load bearing capability of the hinge and therefore increase hinge life.

Finish: Hinges are individually hand polished assuring an even finish with no unpolished areas. Von Morris Paumelle hinges are available in over 30 standard finishes. Custom finishing is available. Please refer to the Price List.

Pins: Pins are machined from 300 series Stainless Steel for high durability and resistance to rust. They are permanently installed in one half of the hinge. The exposed end is rounded to facilitate re-assembly.

Fasteners: All hinges are provided with type "A" tapping screws. These are solid brass, flat head, counter sunk, undercut phillips head screws. Screws are bagged eight per bag.

Number of Hinges: For doors up to 89 inches, use three hinges. For each additional 30 inches or fraction thereof, use one additional hinge.

Packing: Two hinges per box with screws. Each hinge is poly bagged to prevent scratching.

Handing and Specifying: These hinges are handed. Please be sure to specify hand of hinges when ordering. Paumelle Hinges are priced and sold as eaches.

Paumelle - Concealed Ball Bearing - Heavy Weight Solid Forged Brass Hinges



18-4535
18-5045
18-6045

Part Number	Length of Joint	Width Open	Gauge of Metal	Screw Size	Screws Hinge	Packing per Box	Weight per Box	Knuckle Size
18-4535	4.5"	3.5"	0.203"	12 x 1.50"	8	2 pcs	2.45 lbs	2.66"H x 1.10"D
18-5045	5.0"	4.5"	0.205"	14 x 1.25"	8	2 pcs	3.00 lbs	2.66"H x 1.10"D
18-6045	6.0"	4.5"	0.225"	14 x 1.25"	8	2 pcs	3.30 lbs	2.66"H x 1.10"D

- **Paumelle Hinges are priced and sold as eaches.**
- Equipped with two fully concealed, precision machined, anti-friction bearing assemblies per hinge, one Ball Thrust Bearing and one Needle Axial Bearing.
- Ball bearings are machined from 300 series Stainless Steel and employ Stainless Steel balls.
- All pins are precision machined from 300 series Stainless Steel.
- **All Paumelle hinges are handed.** Be sure to specify hand of hinge when ordering.



Solid Extruded Brass - Loose Pin - Mortise Cabinet Hinge

	<i>Hinges are Sold in Pairs</i>	Standard	Distressed	ETERNA
60-1515	Pair of 1.5" x 1.5" Hinges	41.06	45.98	49.28
60-2015	Pair of 2.0" x 1.5" Hinges	44.78	47.59	51.52
60-2517	Pair of 2.5" x 1.70" Hinges	47.59	49.89	53.20
60-2520	Pair of 2.5" x 2.0" Hinges	49.00	57.97	60.39
60-2525	Pair of 2.5" x 2.5" Hinges	54.22	60.71	63.25
60-3020	Pair of 3.0" x 2.0" Hinges	58.56	65.57	68.31
60-3025	Pair of 3.0" x 2.5" Hinges	54.22	60.71	63.25



Cabinet Hinge Finials

	<i>Set of Four</i>	Standard	Distressed	ETERNA
60-FF	Set of Flat Finials	10.23	12.58	14.16
60-FF-L	Set of Flat Finials for the 3020	10.23	12.58	14.16
60-UF	Set of Urn Finials	10.23	12.58	14.16
60-UF-L	Set of Urn Finials for the 3020	10.23	12.58	14.16
60-BF	Set of Ball Finials	10.23	12.58	14.16
60-BF-L	Set of Ball Finials for the 3020	10.23	12.58	14.16

Solid Brass - Loose Pin - Mortise Cabinet Hinge

Hinge Body: Hinge body is manufactured from CDA alloy 38500 brass. It is machined from an extruded bar, resulting in a hinge with high strength and precision tolerances. The hinges are beveled at the barrel to provide a close fit when the hinge is both open and closed.

Finish: Hinges are individually hand polished assuring an even finish with no unpolished areas. Von Morris extruded hinges are available in over 30 standard finishes. Custom finishing is available upon request.

Pins: Pins are machined from 304 series Stainless Steel for high durability and resistance to rust. One end is rounded to facilitate re-assembly, while the other end is knurled to keep the pin from dropping through the hinge barrel during re-assembly. The pin is held in place by the threaded finials and can be easily removed by unthreading the finials and tapping the pin up from the bottom.

Fasteners: All hinges are provided with type "A" tapping screws. These are solid brass, flat head, counter sunk, undercut phillips head screws. All screws are lacquered to prevent tarnishing. Screws are bagged either four per bag or six per bag to facilitate sales of half pairs.

Packing: Each hinge is individually bagged with screws. Cabinet hinges are packed four pairs per box, 80 pairs per master carton.

Finials: Cabinet hinges come with threaded ball finials installed. Other finials are available, packed in sets of four.

Solid Extruded Brass - Loose Pin - Mortise Cabinet Hinge



60-1515
60-2015
60-2517
60-2520
60-2525
60-3020
60-3025

Part Number	Length of Joint	Width Open	Gauge of Metal	Screw Size	Number of Ways	Screw Qty Per Box	Packing per Box	Weight per Box
60-1515	1.5"	1.5"	0.093"	6 x 0.75"	3	8	4 pr	0.8 lbs
60-2015	2.0"	1.5"	0.093"	6 x 0.75"	5	12	4 pr	1.0 lbs
60-2517	2.5"	1.7"	0.093"	6 x 0.75"	5	12	4 pr	1.3 lbs
60-2520	2.5"	2.0"	0.093"	6 x 0.75"	5	12	4 pr	1.5 lbs
60-2525	2.5"	2.5"	0.093"	8 x 0.75"	5	12	4 pr	1.8 lbs
60-3020	3.0"	2.0"	0.125"	8 x 1.25"	5	12	4 pr	2.4 lbs
60-3025	3.0"	2.5"	0.093"	8 x 0.75"	5	12	4 pr	2.2 lbs

- All hinges are packed with solid brass type "A" tapping flathead screws of the appropriate size. See above chart.
- Brass Cabinet Hinges are supplied with threaded Decorative Ball Finials. Other finials are available at additional cost.
- All finials are threaded into the barrel of the hinge to prevent the pin from rising.
- All finials are sized to match the diameter of the hinge barrels to which they are mounted.
- 60-3020 hinges use finials 60-FF-L or 60-UF-L. All others use either 60-FF or 60-UF.

Solid Brass Mortise Cabinet Hinge Finials



60-UF
60-UF-L
Urn



60-FF
60-FF-L
Flat



60-BF
60-BF-L
Ball



Solid Forged Brass - Olive Knuckle - Cabinet Hinge

	<i>Hinges are Handed and Priced as Eaches</i>	Standard	Distressed	ETERNA
19-2015	2.0" x 1.5" Olive Knuckle Cabinet Hinge	61.60	73.92	85.12
19-2520	2.5" x 2.0" Olive Knuckle Cabinet Hinge	73.92	92.40	99.68
19-3025	3.0" x 2.5" Olive Knuckle Cabinet Hinge	110.88	147.87	156.80



Olive Knuckle Cabinet Pin Cover

	<i>Priced as Eaches</i>	Standard	Distressed	ETERNA
19-3000	Olive Knuckle Cabinet Pin Cover for 19-3025	27.72	34.50	41.44

Solid Forged Brass - Olive Knuckle - Cabinet Hinge

Hinge Body: Hinge body is manufactured of solid brass.

Ball Bearings: Hinges so equipped have one precision machined anti-friction ball bearing assembly. The two races are machined from 300 series Stainless Steel. The balls are Stainless Steel as well. The bearing shell is machined from brass of the same alloy as the hinge body to ensure an accurate color match. The construction results in an extremely durable, long life ball bearing which is able to withstand years of hard use and corrosive environments. These bearings greatly increase both the lateral and vertical load bearing capability of the hinge and therefore increase hinge life.

Finish: Hinges are individually hand polished assuring an even finish with no unpolished areas. Von Morris Olive Knuckle hinges are available in over 30 standard finishes. Custom finishing is available upon request.

Pins: Pins are machined from 300 Stainless Steel for high durability and resistance to rust. They are permanently installed in one half of the hinge. The exposed end is rounded to facilitate re-assembly.

Fasteners: All hinges are provided with type "A" tapping screws. These are solid brass, flat head, counter sunk, undercut phillips head screws. All screws are lacquered to prevent tarnishing. Screws are bagged six per bag.

Packing: Five hinges per box with screws. Each hinge is poly bagged to prevent scratching.

Handing and Specifying: These hinges are handed. Please be sure to specify hand of hinges when ordering. Olive Knuckle Hinges are priced and sold as eaches.

Olive Knuckle - Ball Bearing Solid Forged Brass - Cabinet Hinge



19-2015
19-2520
19-3025

Part Number	Length of Joint	Width Open	Gauge of Metal	Screw Size	Screws Hinge	Packing per Box	Weight per Box	Knuckle Size
19-2015	2.0"	1.5"	0.093"	6 x 0.75"	6	5 pcs	0.48 lbs	1.12"H x 0.39"D
19-2520	2.5"	2.0"	0.093"	6 x 0.75"	6	5 pcs	0.78 lbs	1.49"H x 0.50"D
19-3025	3.0"	2.5"	0.093"	6 x 1.00"	6	5 pcs	1.00 lbs	1.62"H x 0.50"D

- **Olive Knuckle Hinges are priced and sold as eaches.**
- Hinges Number 19-2015 and 19-2520 are equipped with one brass bushing each.
- Hinge 19-3025 is equipped with one precision machined ball bearing assembly.
- Ball bearings are machined from 300 series Stainless Steel and employ Stainless Steel balls.
- All pins are machined from 300 series Stainless Steel.
- **All Olive Knuckle Hinges are handed.** Be sure to specify hand of hinge when ordering.

Solid Brass Olive Knuckle Pin Cover



19-3000

- Olive Knuckle Pin Cover

Replacement Screws

	<i>Sold in Packs of 100 - Priced net/100</i>	Standard	Distressed	ETERNA
#6	Number 6 Replacement Screws	22.08	23.18	34.50
#8	Number 8 Replacement Screws	19.71	20.70	30.80
#10	Number 10 Replacement Screws	33.12	37.09	45.53
#12	Number 12 Replacement Screws	38.64	42.50	48.29
#12 MACH	Number 12 Machine Replacement Screws	38.64	42.50	48.29