



YOUR COMPLETE URETHANE MILLWORK SOLUTION PROVIDER



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# **From design to development, fabrication to facade.**

## **HAAS Architectural Millwork: Elevating Your Design Vision**

At HAAS Architectural Millwork, we specialize in crafting custom millwork solutions tailored to any style or project size. Our expert patternmakers transform your drawings, existing moldings, or unique designs into reality, ensuring meticulous attention to detail.

### **Quality and Performance**

We are dedicated to manufacturing the highest quality urethane millwork products for the building industry. HAAS Architectural Millwork outperforms traditional wood without compromising aesthetics. Each piece is crafted to precise specifications by our skilled Master Patternmakers, resulting in sharp, clean edges that replicate the authentic look of wood.

### **Durability and Low Maintenance**

Our millwork solutions are rot-resistant, offer superior paint adhesion, and require significantly less maintenance over time. Each product is factory primed with high-emulsion exterior latex paint and can be finished with any quality exterior latex paint of your choice.

### **Eco-Friendly Commitment**

HAAS Architectural Millwork products are made from water-based materials, making them an environmentally friendly option for your projects. With over 50 years of experience in the urethane millwork industry, we possess the expertise to deliver exceptional products at competitive prices.

### **Proudly Made in the USA**

All HAAS Architectural Millwork products are proudly manufactured at our facility in York, Pennsylvania. Trust us to bring your vision to life with our unparalleled craftsmanship and dedication to quality.



# MANUFACTURED IN AMERICA

HAAS Architectural Millwork is committed to manufacturing the highest quality urethane millwork products.

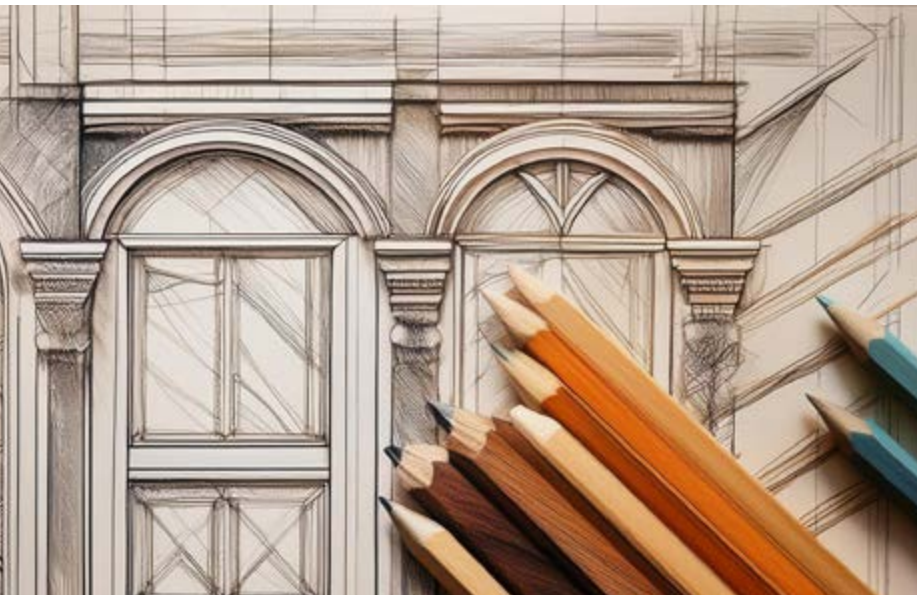
Residential or Commercial, HAAS can replicate historic millwork made by the finest craftsmen to exacting detail.

Architects, builders, and homeowners strive to make their project unique. HAAS can make your new millwork ideas come to life.



## CUSTOM DESIGNS, STYLES & SIZES AT YOUR REQUEST

At HAAS Architectural Millwork, Inc., our master patternmakers work from drawings, pictures, prints, or original pieces to provide you with a long lasting quality product. We would love to quote your custom project. Whether you are in need of a historic reproduction or you have a new design, allow us to bring your ideas and designs to life.



## LIMITED WARRANTY

HAAS Architectural Millwork, Inc. hereby warrants its parts upon the following conditions against defects in materials and workmanship for a period of ten years after delivery to Purchaser when used and installed under normal conditions. The foregoing warranty is in lieu of and excludes all other warranties not expressly set forth herein, whether expressed or implied by operation of law or otherwise including but not limited to any implied warranties or merchantability or fitness. Failure to follow HAAS Architectural Millwork's storage and installation instructions will void this limited warranty.

Buyer and installer must inspect each piece before installation. Installer and Buyer waive all defects, which could have been discovered by reasonable inspection prior installation. This includes all misalignment, misfitted, parts, dimensional discrepancies and the like. In the event that any claim is made under this warranty, an authorized representative of HAAS Architectural Millwork shall have the right to inspect the parts and if, in his or her sole discretion, said representative determines the parts defective, HAAS Architectural Millwork will repair, replace, or refund its distributor the amount paid to HAAS for said defective parts. The sole obligation of HAAS under this warranty is to REPAIR, REPLACE, OR REFUND as described above.

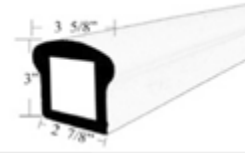
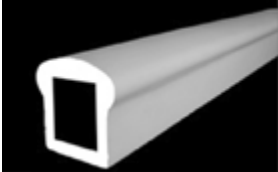
HAAS Architectural Millwork shall have no liability to any person, firm, or corporation whatsoever for incidental or consequential damages such as but not limited to, labor, finishing cost, parts damaged by freight carriers, freight charges, installation, lost profits, lost sales or like. No purchaser may take any deduction, credit, or set-off against any amount owed HAAS Architectural Millwork or make any charge-back without express written consent of HAAS Architectural Millwork



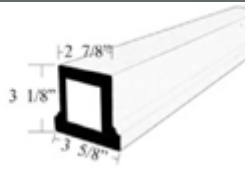
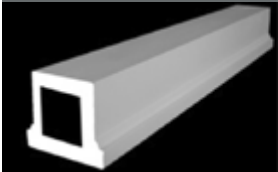


**BALUSTRADE SYSTEMS****3-1/4" to 3-5/8" Balustrade System**

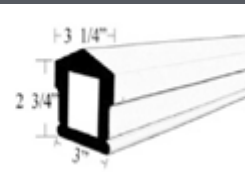
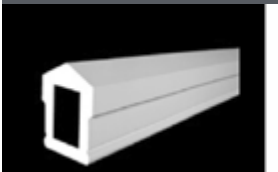
Haas Balustrade Systems are highly customizable. With a broad variety of railing and baluster styles as well as unmatched structural integrity in molded millwork, you'll find virtually endless options to get the look you desire with the performance you need.

**HTR 200 / HBR 201****HTR 200 - 8', 10', 12'****Top Rail**

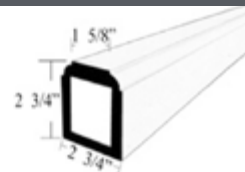
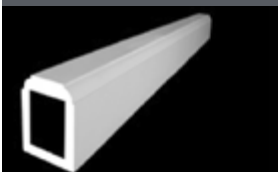
Top Width: 3-5/8"  
Bottom Width: 2-7/8"  
Height: 3"

**HBR 201 - 8', 10', 12'****Bottom Rail**

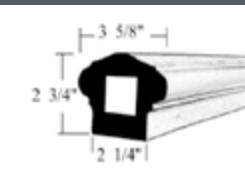
Top Width: 2-7/8"  
Bottom Width: 3-1/8"  
Height: 3-1/8"

**RADIUS RAILS AVAILABLE - CONTACT US FOR A QUOTE.****HTR 210 / HBR 211****HTR 210 - 8', 10', 12'****Top Rail**

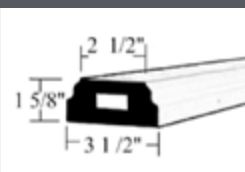
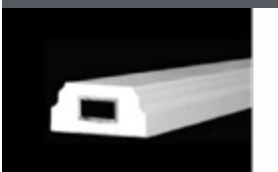
Top Width: 3-1/4"  
Bottom Width: 3"  
Height: 2-3/4"

**HBR 211 - 8', 10', 12'****Bottom Rail**

Top Width: 1-5/8"  
Bottom Width: 2-3/4"  
Height: 2-3/4"

**HTR 232 / HBR 233****HTR 232 - 8', 10', 12'****Top Rail**

Top Width: 3-5/8"  
Bottom Width: 2-1/4"  
Height: 2-3/4"

**HBR 233 - 8', 10', 12'****Bottom Rail**


Top Width: 2-1/2"  
Bottom Width: 3-1/2"  
Height: 1-5/8"


## BALUSTRADE SYSTEMS

### 3-1/4" to 3-5/8" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HBAL 100 SQUARE BALUSTER	Part No.	Width	Height
	HBAL 100 -16	1 - 3/4"	16"
	HBAL 100 - 20	1 - 3/4"	20"
	HBAL 100 - 22	1 - 3/4"	22"
	HBAL 100 - 24	1 - 3/4"	24"
	HBAL 100 - 28	1 - 3/4"	28"
	HBAL 100 - 32	1 - 3/4"	32"
	HBAL 100 - 36	1 - 3/4"	36"
SPACING ON CENTER 5 - 5/8"			

HBAL 103	Part No.	Width	Height
	HBAL 103 - 20	2 - 1/2"	20"
	HBAL 103 - 24	2 - 1/2"	24"
	HBAL 103 - 28	2 - 1/2"	28"
	HBAL 103 - 30	2 - 1/2"	30"
	HBAL 103 - 32	2 - 1/2"	32"
	HBAL 103 - 34	2 - 1/2"	28" EXT 34"
	HBAL 103 - 36	2 - 1/2"	36"
SPACING ON CENTER 5 - 1/4"			


HBAL 115	Part No.	Width	Height
	HBAL 115-24	2 - 1/2"	24"
	SPACING ON CENTER 5 - 1/8"		




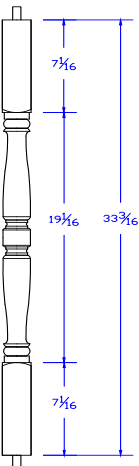
# BALUSTRADE SYSTEMS

## 3-1/4" to 3-5/8" Balustrade System

\*(HBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HBAL 125	Part No.	Width	Height
	HBAL 125 - 20	1 - 1/4"	20"
	HBAL 125 - 24	1 - 1/4"	24"
	HBAL 125 - 28	1 - 1/4"	28"
	HBAL 125 - 32	1 - 1/4"	32"
	HBAL 125 - 36	1 - 1/4"	36"
		SPACING ON CENTER	5 - 1/8"


HBAL 127	Part No.	Width	Height
	HBAL 127 - 20	2 - 3/4"	20"
			SPACING ON CENTER


HBAL 143	Part No.	Width	Height
	HBAL 143 - 33	1 - 3/4"	33"
			SPACING ON CENTER


## BALUSTRADE SYSTEMS

### 3-1/4" to 3-5/8" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HBAL 139	Part No.	Width	Height
	HBAL 139 - 22	2 - 3/4"	22"
	SPACING ON CENTER 5 - 3/4"		

HBAL 140	Part No.	Width	Height
	HBAL 140 - 24	2 - 1/2"	24"
	HBAL 140 - 27	2 - 1/2"	27"
	SPACING ON CENTER 5 - 1/4"		

HBAL 169	Part No.	Width	Height
	HBAL 169 - 30	2 - 1/2"	30"
	SPACING ON CENTER 5 - 1/4"		



## BALUSTRADE SYSTEMS

### 3-1/4" to 3-5/8" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HBAL 182	Part No.	Width	Height
	HBAL 182 - 30	2 - 1/2"	30"
	HBAL 182 - 34	2 - 1/2"	34"
SPACING ON CENTER 5 - 3/4"			


HBAL 191	Part No.	Width	Height
	HBAL 191- 20	2 - 3/4"	20"
	SPACING ON CENTER 4 - 5/8"		


HBAL 203	Part No.	Width	Height
	HBAL 203 - 25	2 - 3/4"	25"
	SPACING ON CENTER 5 - 1/4"		


## BALUSTRADE SYSTEMS

### 3-1/4" to 3-5/8" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HBAL 207	Part No.	Width	Height
	HBAL 207 - 28	2 - 1/2"	28"
	SPACING ON CENTER 5 - 1/2"		


HBAL 173	Part No.	Width	Height
	HBAL 173 - 32	1 - 3/4"	32"
	SPACING ON CENTER 5 - 1/2"		


HBAL 211	Part No.	Width	Height
	HBAL 211 - 28	1 - 3/4"	28"
	SQUARE CHAMFERED EDGE BALUSTER.		


## BALUSTRADE SYSTEMS

### 3-1/4" to 3-5/8" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HBAL 229	Part No.	Width	Height
	HBAL 229 - 29	2 - 1/2"	29"
	SPACING ON CENTER		6 - 1/8"

HBAL 289	Part No.	Width	Height
	HBAL 289 - 20	2 - 1/2"	19 - 7/8"
	SPACING ON CENTER		5 - 5/8"

HBAL 600	Part No.	Width	Height
	HBAL 600 - 20	2 - 1/4"	20"
	HBAL 600 - 24	2 - 1/4"	24"
	HBAL 600 - 25	2 - 1/4"	25"
	HBAL 600 - 28	2 - 1/4"	28"
	HBAL 600 - 32	2 - 1/4"	32"
	HBAL 600 - 36	2 - 1/4"	36"
	SPACING ON CENTER		6 - 1/8"



# BALUSTRADE SYSTEMS

## 3-1/4" to 3-5/8" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HBAL 2046	Part No.	Width	Height
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HBAL 2046 - 24	1 - 1/4"	24"
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ROUND BALUSTER

SPACING ON CENTER 5 - 1/8"

PLAIN NEWEL POSTS	Part No.	Width	Height
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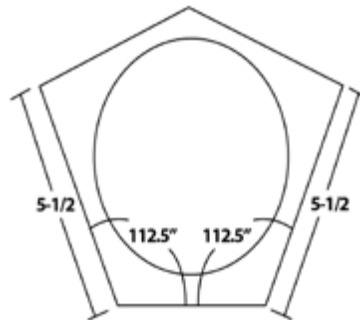


HNP 300 - 4	4"	48"
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HNP 300 - 6	5 - 1/2"	48"
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5-Sided Newel Post

HAPNP 310 - 6









TURNED NEWEL POST	Part No.	Width	Height
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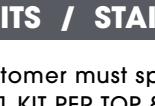
HTNP 2548 - 5	5 - 1/2"	48"
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**BALUSTRADE SYSTEMS****3-1/4" to 3-5/8" Balustrade System**

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

<b>NEWEL CAPS</b>	<b>Part No.</b>	<b>Width</b>	<b>Height</b>
	HNC 300 - 6	1 - 1/2"	24"
	HFNC 301 - 4	4 - 3/8"	2 - 1/4"
	HFNC 301 - 6	6 - 3/4"	2 - 1/2"
	HPNC 302 - 6	6 - 1/2"	2"
	HPNC 302 - 1-6	6 - 1/2"	1 - 1/2"
	HANC 310 - 6	To Fit	1 - 1/2"

<b>BALL TOP</b>	<b>Part No.</b>	<b>Width</b>	<b>Height</b>
	HBALL 601 - 3	2 - 7/8"	4 - 1/2"
	HBALL 601 - 4	3 - 1/2"	5 - 1/4"
	HBALL 600 - 5	5"	6 - 1/2"

<b>TRIM COLLARS</b>	<b>Part No.</b>	<b>Width</b>	<b>Height</b>
	HTC - 4	4"	2 - 1/8"
	HTC - 6	5 - 1/2"	2 - 1/8"
	HTC 302 - 4	4"	10 - 3/4"
	HTC 302 - 6	5 - 1/2"	10 - 3/4"

<b>RAIL KITS / STAIR RAIL KITS</b>	<b>Part No.</b>
**Customer must specify rise and run of stairs 1 KIT PER TOP & BOTTOM RAIL SECTION	HRK 202 / HRKS 202
	HRK 760 / HRKS 760





# BALUSTRADE SYSTEMS

## 4-1/2" Balustrade System



\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.



HTRG 202 - 8'	4 - 1/2" x 8'	Gooseneck Rail
HTRG 202 - 10'	4 - 1/2" x 10'	Gooseneck Rail
HTRG 202 - 12'	4 - 1/2" x 12'	Gooseneck Rail

Top Width	Bottom Width	Height
4 - 1/2"	3 - 5/8"	3"

4-5/8" Gooseneck Drop Parts come with 2 gooseneck ends.

RAIL SUPPORT BLOCK	Part No.	Height	Width	Length
	HSB 900	4"	3 - 1/2"	5 - 1/2"

HTR 202 - 8', 10', 12'	Top Rail	Top Width	Bottom Width	Height
		4 - 1/2"	3 - 5/8"	3"

HBR 203 - 8', 10', 12'	Bottom Rail	Top Width	Bottom Width	Height
		3 - 3/4"	4 - 5/8"	3"

RADIUS RAILS AVAILABLE - CONTACT US FOR A QUOTE

HTR 760 - 8', 10', 12'	Top Rail	Top Width	Bottom Width	Height
		4 - 1/4"	3 - 1/4"	3"

HBR 761 - 8', 10', 12'	Bottom Rail	Top Width	Bottom Width	Height
		3 - 1/8"	3 - 5/8"	2 - 1/2"

RADIUS RAILS AVAILABLE - CONTACT US FOR A QUOTE



# BALUSTRADE SYSTEMS

## 4-1/2" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

### HBAL 110

#### Part No.

#### Width

#### Height



HBAL 110 - 18	3"	18"
HBAL 110 - 20	3"	20"
HBAL 110 - 24	3"	24"
HBAL 110 - 26	3"	26"
HBAL 110 - 28	3"	28"
HBAL 110 - 30	3"	30"

SPACING ON CENTER 5 - 1/2"

### HBAL 131

#### Part No.

#### Width

#### Height



HBAL 131 - 24	3 - 1/2"	24"
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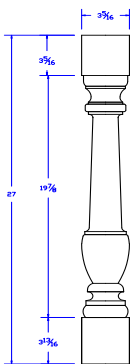
SPACING ON CENTER 5 - 3/4"

### HBAL 133

#### Part No.

#### Width

#### Height



HBAL 133 - 27	3 - 1/4"	27"
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SPACING ON CENTER 5 - 3/4"

### HBAL 136

#### Part No.

#### Width

#### Height



HBAL 136 - 24	3 - 1/2"	24"
HBAL 136 - 26	3 - 1/2"	26"
HBAL 136 - 30	3 - 1/2"	30"

SPACING ON CENTER 6"

## BALUSTRADE SYSTEMS

### 4-1/2" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HBAL 137	Part No.	Width	Height
	HBAL 137 - 28	3 - 1/2"	28"
	HBAL 137 - 32	3 - 1/2"	28" ext 32"
	HBAL 137 - 34	3 - 1/2"	28" ext 34"
	SPACING ON CENTER		5 - 1/2"

HBAL 138	Part No.	Width	Height
	HBAL 138 - 18	3 - 1/4"	18"
	SPACING ON CENTER		5 - 5/8"

HBAL 139	Part No.	Width	Height
	HBAL 139 - 22	2 - 3/4"	22"
	SPACING ON CENTER		5 - 3/4"



**BALUSTRADE SYSTEMS****4-1/2" Balustrade System**

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HBAL 141	Part No.	Width	Height
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HBAL 141 - 14	3-1/2"	14"
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SPACING ON CENTER 6"

HBAL 161	Part No.	Width	Height
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HBAL 161 - 20	3"	20"
HBAL 161 - 24	3"	24"
HBAL 161 - 26	3"	26"
HBAL 161 - 28	3"	28"
HBAL 161 - 32	3"	32"
HBAL 161 - 36	3"	36"

SPACING ON CENTER 6 - 7/8"

HBAL 185	Part No.	Width	Height
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HBAL 185 - 19	3 - 3/8"	19 - 1/8"
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SPACING ON CENTER 5 - 1/4"

HBAL 186	Part No.	Width	Height
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HBAL 186 - 22	3 - 1/4"	22 - 5/8"
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SPACING ON CENTER 5 - 5/8"


**BALUSTRADE SYSTEMS****4-1/2" Balustrade System**

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HBAL 194	Part No.	Width	Height
	HBAL 194 - 31	3 - 1/2"	31 - 5/8"
	SPACING ON CENTER 5 - 3/8"		


HBAL 201	Part No.	Width	Height
	HBAL 201 - 19	3"	18 - 7/8"
	SPACING ON CENTER 5"		


HBAL 202	Part No.	Width	Height
	HBAL 202 - 26	3 - 1/4"	26"
	SPACING ON CENTER 5 - 3/8"		


HBAL 341	Part No.	Width	Height
	HBAL 341 - 27	2 - 7/8"	26 - 3/4"
	SPACING ON CENTER 5 - 3/8"		


**BALUSTRADE SYSTEMS****4-1/2" Balustrade System**

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HBAL 386	Part No.	Width	Height
	HBAL 386 - 24	2 - 7/8"	24 - 3/4"
Spacing on Center 5 - 3/8"			

HBAL 2033	Part No.	Width	Height
	HBAL 2033-20	3" - 1/4"	20"
Spacing on Center 5 - 3/4"			





HBAL 2220	Part No.	Width	Height
	HBAL 2220 - 28	3"	28"
	HBAL 2220 - 32	3"	32"
Square chamfered edge baluster Spacing on Center 6 - 15/16"			


RAIL SUPPORT BLOCK	Part No.	Height	Width	Length
	HSB 900	4"	3 - 1/2"	5 - 1/2"
Fits all rail sizes.				





**BALUSTRADE SYSTEMS****4-1/2" Balustrade System**

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

NEWEL CAPS	Part No.	Width	Height
	HNC 300 - 6	6 - 1/4"	1 - 1/2"
	HNC 300 - 8	8 - 1/2"	1 - 1/2"
	HFNC 301 - 6	6 - 3/8"	2 - 1/2"
	HFNC 301 - 8	8 - 3/4"	2 - 3/4"
	HPNC 302 - 6	6 - 1/2"	2"
	HPNC 302 - 8	8 - 3/4"	2 - 3/4"
	HPNC 302-1 - 6	6 - 1/2"	1 - 1/2"
	HPNC 302-1 - 8	8 - 3/4"	1 - 3/4"

BALL TOPS	Part No.	Width	Height
	HBALL 600 - 5	5"	6 - 1/2"
	HBALL 600 - 6	6"	8"
	HBALL 600 - 7	7"	8 - 3/4"

TRIM COLLARS	Part No.	Width	Height
	HTC - 4 5/8	4 - 5/8"	2 - 1/8"
	HTC - 6	5 - 1/2"	2 - 1/8"
	HTC - 8	8"	2 - 1/8"
	HTC - 302 - 6	5 - 1/2"	10 - 3/4"
	HTC - 302 - 8	8"	10 - 3/4"

**RAIL KITS / STAIR RAIL KITS**

Part No.                      HRK 202        /        HRKS 202        4 - 5/8"        2 - 1/8"

**\*\*Customer must specify rise and run of stairs.  
1 KIT PER TOP & BOTTOM RAIL SECTION**

# BALUSTRADE SYSTEMS

## 4-1/2" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

### PLAIN NEWEL POSTS



Part No.	Width	Height
HNP 300 - 6	5 - 1/2"	48"
HNP 300 - 8	8"	48"
HNP 300 - 8 - 18	8"	18 - 1/2"

### RAISED PANEL NEWEL POST



In-Line

HPNP 301-8  
width 8" x 48"



Corner  
**PART NO.**

HCNP 302-8  
width 8" x 48"



End

HSNP 303-8  
width 8" x 48"

### RECESSED NEWEL PANELS



In-Line

HPNP 307-8  
width 8" x 48"



Corner

**PART NO.**

HCNP 308-8  
width 8" x 48"



End

HSNP 309-8  
width 8" x 48"

### NEWEL KITS



**PART NO.**  
HNPK 300 - 6  
HNPK 300 - 8


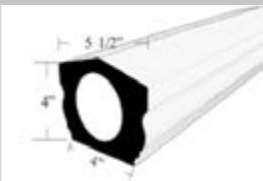

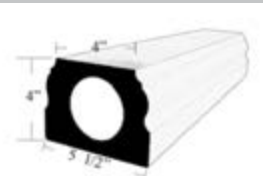
STAINLESS STEEL KITS AVAILABLE  
FOR COASTAL APPLICATIONS

SPECIFY CONCRETE OR WOOD  
C = Concrete  
W = Wood  
Ex. HNP 300 - 8 - C

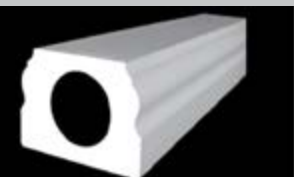
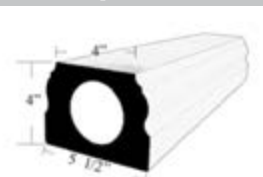
# BALUSTRADE SYSTEMS


## 4-1/2" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HTR 204 - 8', 10', 12'	Top Rail	Top Width	Bottom Width	Height
		5 - 1/2"	4"	4"
HBR 205 - 8', 10', 12'	Bottom Rail	Top Width	Bottom Width	Height
		4"	5 - 1/2"	4"

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HTR 218 - 8', 10', 12'	Top Rail	Top Width	Bottom Width	Height
		5 - 1/2"	4"	4"

HBAL 109	Part No.	Width	Height
	HBAL 109 - 19	3 - 3/4"	19"
	HBAL 109 - 22	3 - 3/4"	19" ext 22"
	HBAL 109 - 24	3 - 3/4"	19" ext 24 - 1/2"
	HBAL 109 - 26	3 - 3/4"	26"
	HBAL 109 - 30	3 - 3/4"	19" ext 30"
	HBAL 109 - 32	3 - 3/4"	32"

Spacing on Center - 6"


	RAIL KITS	/	STAIR RAIL KITS	
Part No.	HRK 204	/	HRKS 204	4 - 5/8"      2 - 1/8"
Part No.	HRK 218	/	HRKS 218	4 - 5/8"      2 - 1/8"


**\*\*Customer must specify rise and run of stairs.  
1 KIT PER TOP & BOTTOM RAIL SECTION**


## BALUSTRADE SYSTEMS

### 4-1/2" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HBAL 113	Part No.	Width	Height
	HBAL 113 - 24	3 - 5/8"	24"
	HBAL 113 - 26	3 - 5/8"	26"
	HBAL 113 - 30	3 - 5/8"	30"
	SPACING ON CENTER		6"

HBAL 144	Part No.	Width	Height
	HBAL 144 - 23	3 - 3/4"	23"
	SPACING ON CENTER		6"

HBAL 145	Part No.	Width	Height
	HBAL 145 - 28	3 - 7/8"	28"
	SPACING ON CENTER		5 - 7/8"







## BALUSTRADE SYSTEMS

### 5-1/2" Balustrade System



\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HBAL 112	Part No.	Width	Height
	HBAL 112-26	3 - 3/4"	26"
		SPACING ON CENTER	6"
HBAL 186	Part No.	Width	Height
	HBAL 186 - 22	3 - 1/4"	22"
		SPACING ON CENTER	5 - 5/8"
HBAL 194	Part No.	Width	Height
	HBAL 194 - 31	3 - 1/2"	31"
		SPACING ON CENTER	5 - 3/8"
HBAL 1213	Part No.	Width	Height
	HBAL 1213 - 27	3 - 5/8"	27"
		SPACING ON CENTER	5 - 3/8"

# BALUSTRADE SYSTEMS

## 5-1/2" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

RAIL SUPPORT BLOCK	Part No.	Height	Width	Length
--------------------	----------	--------	-------	--------



HSB 900	4"	3 - 1/2"	5 - 1/2"
---------	----	----------	----------

Fits all rail sizes.

PLAIN NEWEL POSTS	Part No.	Width	Height
-------------------	----------	-------	--------

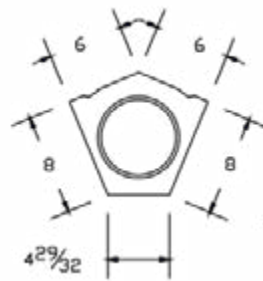


HNP 300 - 8	8"	48"
HNP 300 - 9	9"	48"
HNP 300 - 8 - 18	8"	18 - 1/2"

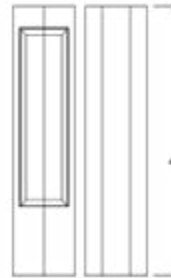
5 - SIDED NEWEL POSTS	Part No.	Measurements	Height
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HAPNP 312-8	8" - 5 sided*	48"
-------------	---------------	-----



\*One raised panel on outer edge



RAISED PANEL NEWEL POST
-------------------------



In-Line



Corner  
**PART NO.**



End

HPNP 301 - 8  
width 8" x 48"

HCNP 302 - 8  
width 8" x 48"

HSNP 303 - 8  
width 8" x 48"

HPNP 301 - 9  
width 9" x 48"

HCNP 302 - 9  
width 9" x 48"

HSNP 303 - 9  
width 9" x 48"

# BALUSTRADE SYSTEMS

## 5-1/2" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

### RECESSED FLAT PANEL NEWEL POSTS



In-Line

**HPNP 307 - 8**  
width 8" x 48"



Corner

**PART NO.**  
**HCNP 308 - 8**  
width 8" x 48"



End

**HSNP 309 - 8**  
width 8" x 48"

### NEWEL KITS



**PART NO.**

**HNP 300 - 8**  
**HNP 300 - 9**

STAINLESS STEEL KITS AVAILABLE  
FOR COASTAL APPLICATIONS

Specify Concrete or Wood  
C = Concrete  
W = Wood  
Ex. **HNP 300 - 8 - C**

### NEWEL CAPS

**Part No.**

**Width**

**Height**



HNC 300 - 8  
HNC 300 - 9

8 - 1/2"  
9 - 3/4"

1 - 1/2"  
1 - 1/2"



HFNC 301 - 8  
HFNC 301 - 9

8 - 3/4"  
9 - 5/8"

2 - 3/4"  
2 - 3/4"



HPNC 302 - 8  
HPNC 302 - 9

8 - 3/4"  
9 - 1/2"

2 - 1/4"  
3"



HPNC 302 - 1 - 8  
HPNC 302 - 1 - 9

8 - 3/4"  
10"

1 - 3/4"  
1 - 1/2"



HANC 310 - 8

Plain 5-sided Newel Cap

### BALL TOPS

**Part No.**

**Width**

**Height**



HBALL 600 - 5  
HBALL 600 - 6  
HBALL 600 - 7

5"  
6"  
7"

6 - 1/2"  
8"  
8 - 3/4"






## BALUSTRADE SYSTEMS

### 5-1/2" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

#### PLAIN NEWEL POSTS

	Part No.	Width	Height
	HTC - 8	8"	2 - 1/8"
	HTC - 9	9"	2 - 1/8"
	HTC - 302 - 8	8"	10 - 3/4"
	HTC - 302 - 9	9"	10 - 3/4"

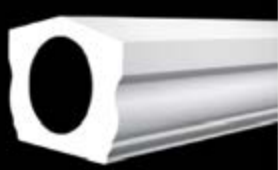
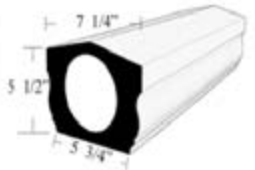

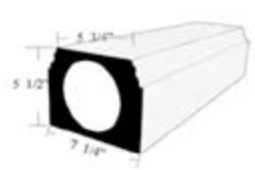

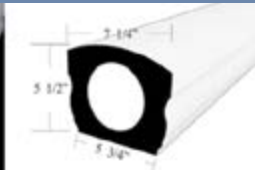
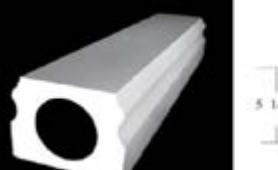





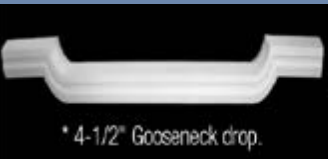

# BALUSTRADE SYSTEMS


## 7-1/4" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HTR 206 - 8', 10', 12'		Top Rail	Top Width	Bottom Width	Height
			7 - 1/4"	5 - 3/4"	5 - 1/2"
HBR 207 - 8', 10', 12'		Bottom Rail	Top Width	Bottom Width	Height
			5 - 3/4"	7 - 1/4"	5 - 1/2"
HTR 214 - 8', 10', 12'		Top Rail	Top Width	Bottom Width	Height
			7 - 1/4"	5 - 11/16"	5 - 1/2"
HBR 215 - 8', 10', 12'		Bottom Rail	Top Width	Bottom Width	Height
			5 - 3/4"	7 - 1/4"	5 - 1/2"

RADIUS RAILS AVAILABLE - Contact us for a quote.

HTRG 206	Part No.	Description
 <p>* 4-1/2" Gooseneck drop.</p>		HTRG 206 - 8'
		HTRG 206 - 10'
		HTRG 206 - 12'
Top Width	Bottom Width	Height
7 - 1/4"	5 - 1/2"	5 - 1/2"

HBAL 107	Part No.	Width	Height
	HBAL 107 - 28	4"	28"
	HBAL 107 - 36	4"	36"


Spacing on Center 6 - 3/8"





# BALUSTRADE SYSTEMS


## 7-1/4" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HBAL 118	Part No.	Width	Height
	HBAL 118 - 19	5 - 1/4"	19"
	HBAL 118 - 22	5 - 1/4"	22"
	HBAL 118 - 24	5 - 1/4"	22" EXT 24"
	HBAL 118 - 27	5 - 1/4"	22" EXT 27"
	HBAL 118 - 35	5 - 1/4"	22" EXT 35"
			Spacing on Center

HBAL 119	Part No.	Width	Height
	HBAL 119 - 16	4 - 1/2"	16"
	HBAL 119 - 20	4 - 1/2"	20"
	HBAL 119 - 24	4 - 1/2"	24"
			Spacing on Center


HBAL 120	Part No.	Width	Height
	HBAL 120 - 28	5 - 1/4"	28"
	HBAL 120 - 31	5 - 1/4"	31"
			Spacing on Center


HBAL 121	Part No.	Width	Height
	HBAL 121 - 22	5 - 1/4"	22"
	HBAL 121 - 24	5 - 1/4"	24"
	HBAL 121 - 30	5 - 1/4"	30"
			Spacing on Center


## BALUSTRADE SYSTEMS


### 7-1/4" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HBAL 128	Part No.	Width	Height
	HBAL 128-16	4 - 1/4"	16"
		Spacing on Center	6 - 1/4"

HBAL 130	Part No.	Width	Height
	HBAL 130 - 27	4 - 1/2"	27"
	HBAL 130 - 33	4 - 1/2"	33"
		Spacing on Center	6 - 1/4"


HBAL 132	Part No.	Width	Height
	HBAL 132 - 26	5 - 1/8"	26"
		Spacing on Center	6 - 1/2"


HBAL 135	Part No.	Width	Height
	HBAL 135 - 25	5 - 1/2"	25 - 3/8"
		Spacing on Center	7"

## BALUSTRADE SYSTEMS

### 7-1/4" Balustrade System


\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.


HBAL 148	Part No.	Width	Height
	HBAL 148 - 24	5 - 1/4"	24"
		Spacing on Center	8"

HBAL 151	Part No.	Width	Height
	HBAL 151 - 28	5 - 1/2"	27 - 3/4"
		Spacing on Center	8 - 1/4"

#### CUSTOM

Whether it's historic restoration or a new design, send us your drawings by email, and we'll bring your vision to life.


HBAL 152	Part No.	Width	Height
	HBAL 152 - 28	5 - 1/2"	28"
		Spacing on Center	8 - 1/4"


HBAL 163	Part No.	Width	Height
	HBAL 163 - 28	5"	28"
		Spacing on Center	5 - 7/8"


## BALUSTRADE SYSTEMS


### 7-1/4" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HBAL 181	Part No.	Width	Height
	HBAL 181 - 24	4 - 1/2"	24"
	HBAL 181 - 28	4 - 1/2"	28"
	Spacing on Center 6"		

HBAL 183	Part No.	Width	Height
	HBAL 183 - 26	5 - 1/8"	26"
	HBAL 183 - 31	5 - 1/8"	31"
	Spacing on Center 6 - 3/8"		

HBAL 187	Part No.	Width	Height
	HBAL 187 - 22	4 - 1/2"	22"
	HBAL 187 - 27	4 - 1/2"	27"
	Spacing on Center 6 - 1/4"		

HBAL 189	Part No.	Width	Height
	HBAL 189 - 19	4 - 3/4"	19"
	Spacing on Center 6 - 3/8"		

## BALUSTRADE SYSTEMS

### 7-1/4" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HBAL 196	Part No.	Width	Height
----------	----------	-------	--------



HBAL 196 - 30

4 - 1/4"

30 - 1/8"

Spacing on Center 6 - 1/2"

HBAL 204	Part No.	Width	Height
----------	----------	-------	--------



HBAL 204 - 21

5 - 1/8"

21"

Square Baluster  
Spacing on Center 6 - 3/16"

HBAL 328	Part No.	Width	Height
----------	----------	-------	--------



HBAL 328 - 31

4"

31"

HBAL 328 - 39

4"

39"

Spacing on Center 5 - 5/8"

HBAL 522	Part No.	Width	Height
----------	----------	-------	--------



HBAL 522 - 22

5 - 5/8"

22 - 1/4"

Spacing on Center 6 - 11/16"



# BALUSTRADE SYSTEMS

## 7-1/4" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

### NEWEL KITS



**PART NO.**

- HNPK 300 - 8
- HNPK 300 - 9
- HNPK 300 - 10

STAINLESS STEEL KITS AVAILABLE FOR COASTAL APPLICATIONS

Specify Concrete or Wood  
 C = Concrete  
 W = Wood  
 Ex. **HNPK 300 - 12 - C**

### PLAIN NEWEL POSTS



Part No.	Width	Height
HNP 300 - 8	8"	48"
HNP 300 - 9	9"	48"
HNP 300 - 10	10"	48"

### RAISED PANEL NEWEL POST



In-Line

Corner

End



**Part No.**

- |               |               |               |
|---------------|---------------|---------------|
| HPNP 301 - 8  | HCNP 302 - 8  | HSNP 303 - 8  |
| HPNP 301 - 9  | HCNP 302 - 9  | HSNP 303 - 9  |
| HPNP 301 - 10 | HCNP 302 - 10 | HSNP 303 - 10 |

- Width 8" x 48"
- Width 9" x 48"
- Width 10" x 48"

## BALUSTRADE SYSTEMS

### 7-1/4" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

#### RECESSED PANEL NEWEL POST



**Part No.**

HPNP 307 - 8

HCNP 308 - 8

HSNP 309 - 8

Width 8" x 48"

#### HBAL 5028



**Part No.**

**Width**

**Height**

HBAL 5028 - 22

4"

22"

HBAL 5028 - 26

4"

26"

Spacing on Center 5 - 1/2"

#### RADIUS CORNER NEWEL POSTS



**Part No.**

**Width**

**Height**

HNP 304 - 10

10"


48"

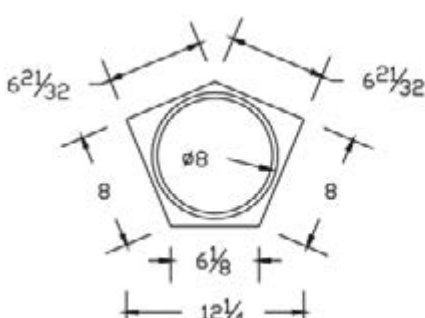



# BALUSTRADE SYSTEMS

## 7-1/4" Balustrade System


\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.


5 - SIDED PLAIN NEWEL POSTS	Part No.	Width	Height
	HAPNP 310 - 8	48"	8"

RAIL KITS / STAIR RAIL KITS	
Part No.	HRK 206 / HRKS 206 4 - 5/8" 2 - 1/8"

**\*\*Customer must specify rise and run of stairs.  
1 KIT PER TOP & BOTTOM RAIL SECTION**

NEWEL POSTS CAPS	Part No.	Width	Height
	HNC 300 - 8	8 - 1/2"	1 - 1/2"
	HNC 300 - 9	9 - 3/4"	1 - 1/2"
	HNC 300 - 10	11"	1 - 1/2"
	HFNC 301 - 8	8 - 3/4"	2 - 3/4"
	HFNC 301 - 9	9 - 5/8"	2 - 3/4"
	HFNC 301 - 10	10 - 1/4"	2 - 3/4"
	HPNC 302 - 8	8 - 3/4"	2 - 1/4"
	HPNC 302 - 9	9 - 1/2"	2 - 1/4"
	HPNC 302 - 10	10 - 3/8"	2 - 1/2"
	HPNC 302 - 1 - 9	10"	1 - 1/2"
	HPNC 302 - 1 - 11	11 - 1/4"	1 - 1/2"
	HANC 310 - 8		
	*5-sided Newel Cap for 8" Newel 45 degree angle		

BALL TOPS	Part No.	Base Dia	Height
	HBALL 600 - 6	6"	8"
	HBALL 600 - 7	7"	8 - 3/4"
	HBALL 600 - 8	8"	9 - 1/2"
	HBALL 600 - 9	9"	11 - 1/4"



## BALUSTRADE SYSTEMS

### 7-1/4" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

TRIM COLLARDS	Part No.	Inside Width	Height
---------------	----------	--------------	--------



HTC - 8	8"	2 - 1/8"
HTC - 9	9"	2 - 1/8"
HTC - 10	10"	2 - 1/8"



HTC - 302 - 8	8"	10 - 3/4"
HTC - 302 - 9	9"	10 - 3/4"
HTC - 302 - 10	10"	10 - 3/4"

RAIL SUPPORT BLOCK	Part No.	Height	Width	Length
--------------------	----------	--------	-------	--------



HSB 900	4"	3 - 1/2"	5 - 1/2"
---------	----	----------	----------


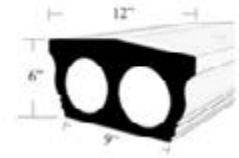







# BALUSTRADE SYSTEMS


## 12" Balustrade System



\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HTR 208 - 8', 10', 12'		Top Rail	Top Width	Bottom Width	Height
			12"	9"	6"
HBR 209 - 8', 10', 12'		Bottom Rail	Top Width	Bottom Width	Height
			9"	12"	6"
RADIUS RAILS AVAILABLE - CONTACT US FOR QUOTE					
HTR 216 - 8', 10', 12'		Top Rail	Top Width	Bottom Width	Height
			12"	10"	6"

HBAL 121	Part No.	Width	Height
	HBAL 121 - 22	5 - 1/4"	22"
	HBAL 121 - 24	5 - 1/4"	24 - 1/2"
	HBAL 121 - 30	5 - 1/4"	30 - 1/2"
Spacing on Center 6 - 3/4"			





HBAL 124	Part No.	Width	Height
	HBAL 124 - 28	7 - 1/2"	28"
	HBAL 124 - 35	5 - 1/4"	35"
Spacing on Center - 7 - 7/8"			



## BALUSTRADE SYSTEMS

### 12" Balustrade System





\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HBAL 134	Part No.	Width	Height
	HBAL 134 - 26	4 - 3/4"	26"
Spacing on Center 7 - 1/8"			
HBAL 135	Part No.	Width	Height
	HBAL 135 - 25	5 - 1/2"	25 - 3/8"
Spacing on Center 7"			
HBAL 146	Part No.	Width	Height
	HBAL 146 - 38	7"	38"
Spacing on Center 7 - 3/8"			
HBAL 148	Part No.	Width	Height
	HBAL 148 - 24	5 - 1/8"	24"
Spacing on Center 6 - 3/4"			

## BALUSTRADE SYSTEMS

### 12" Balustrade System




\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HBAL 152	Part No.	Width	Height
	HBAL 152 - 28	5 - 1/2"	28"
	Spacing on Center 8 - 1/4"		
HBAL 162	Part No.	Width	Height
	HBAL 162 - 20	6 - 1/2"	19 - 1/2"
	Does not meet code		
HBAL 177	Part No.	Width	Height
	HBAL 177 - 29	7"	29 - 1/4"
	Spacing on Center 8 - 3/16"		
HBAL 183	Part No.	Width	Height
	HBAL 183 - 26	5 - 1/8"	26 - 1/2"
	HBAL 183 - 31	5 - 1/8"	31"
	Spacing on Center 6 - 3/8"		

## BALUSTRADE SYSTEMS

### 12" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

HBAL 184	Part No.	Width	Height
	HBAL 184 - 22	7 - 1/2"	22 - 1/2"
		Top width 6 - 1/2" Does not meet code.	
HBAL 200	Part No.	Width	Height
	HBAL 200 - 36	7 - 1/2"	36"
		Does not meet code.	
HBAL 454	Part No.	Width	Height
	HBAL 454 - 18	6 - 1/2"	18"
		Spacing on Center 6 - 3/8"	

# BALUSTRADE SYSTEMS

## 12" Balustrade System

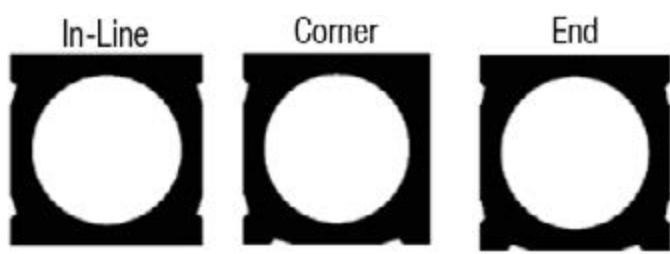
\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

### PLAIN NEWEL POSTS



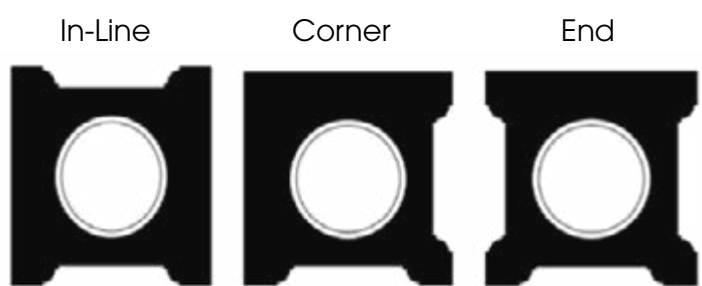
Part No.	Width	Height
HNP 300 - 12	12 - 3/4"	48"

### RAISED PANEL NEWEL POST



Part No.	Part No.	Part No.
HPNP 301 - 12 width 12- 3/4" x 48"	HCNP 302 - 12 width 12- 3/4" x 48"	HSNP 303 - 12 width 12- 3/4" x 48"

### RECESSED NEWEL POST



Part No.	Part No.	Part No.
HPNP 307 - 12 width 12- 3/4" x 48"	HCNP 308 - 12 width 12- 3/4" x 48"	HSNP 309 - 12 width 12- 3/4" x 48"


### RAIL KITS / STAIR RAIL KITS





Part No.	HRK 208	/	HRKS 208	4 - 5/8"	2 - 1/8"
Part No.	HRK 216	/	HRKS 216	4 - 5/8"	2 - 1/8"


# BALUSTRADE SYSTEMS



## 12" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

RAIL SUPPORT BLOCK	Part No.	Height	Width	Length
	HSB 900	4"	3 - 1/2"	5 - 1/2"
Fits all rail sizes.				

NEWEL CAPS	Part No.	Width	Height
	HNC 300 - 12	13 - 3/4"	1 - 1/2"
	HFNC 301 - 12	13 - 5/8"	3"
	HPNC 302 - 12	13 - 3/4"	3"
	HPNC 302 - 1 - 12	12 - 1/2"	1 - 1/2"

BALL TOPS	Part No.	Base Dia	Height
	HBALL 600 - 9	6"	11 - 1/4"
	HBALL 600 - 10	8 - 7/16"	13 - 1/4"
	HBALL 600 - 12	12"	16"

TRIM COLLARDS	Part No.	Inside Width	Height
	HTC - 12	12 - 3/4"	2 - 1/8"
	HTC - 302 - 12	12 - 3/4"	10 - 3/4"

## BALUSTRADE SYSTEMS

### 12" Balustrade System

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

#### NEWEL KITS



#### PART NO.

HNPK 300 - 12

Specify Concrete or Wood

C = Concrete

W = Wood

Ex. **HNPK 300 - 6 - C**





# BALUSTRADE SYSTEMS

## Over the Rail Newel Systems

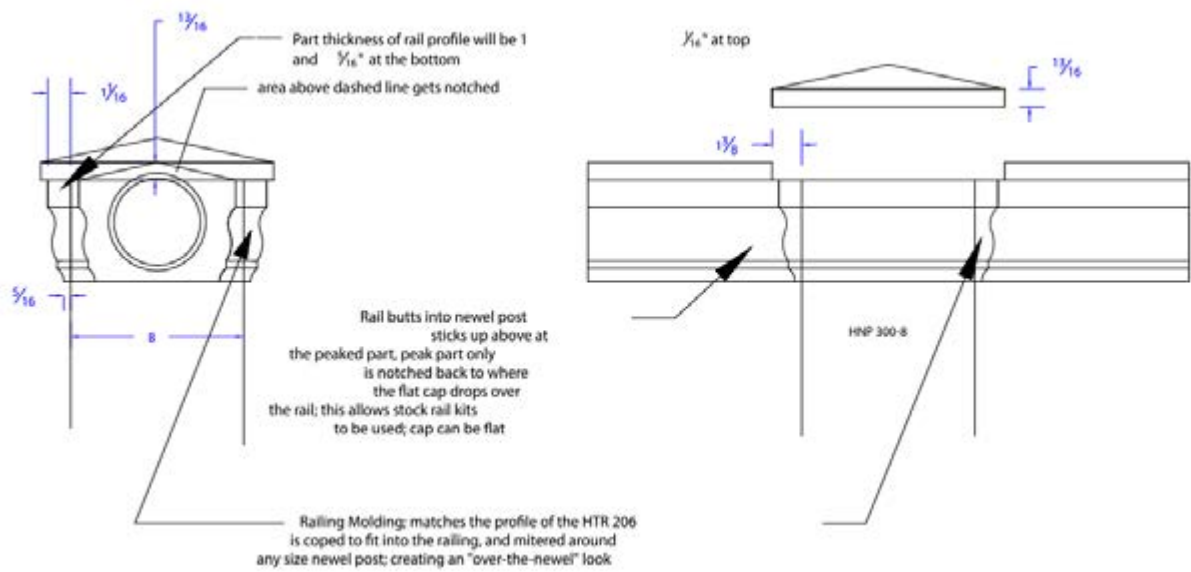


### RAIL CAP MOLDINGS      FIELD COPED TO FIT SIDE OF RAIL.



AVAILABLE FOR  
HTR 206  
HTR 214

Call Us to Review  
Your Application



### OVER NEWEL POST      In-Line      Corner      End




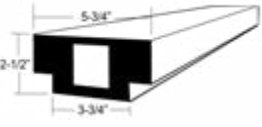

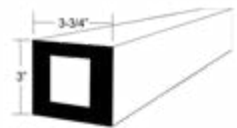
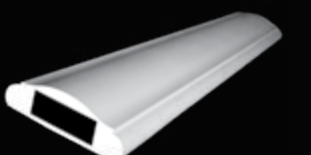
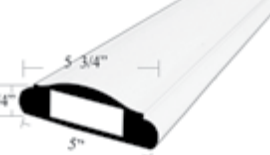

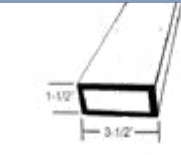

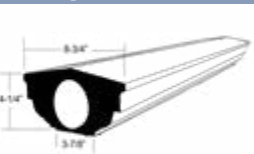

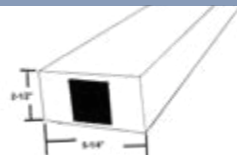

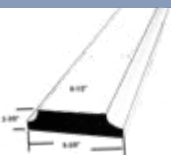
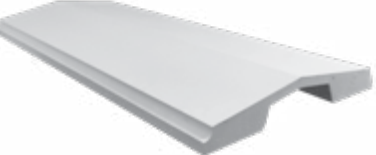
<b>OVER NEWEL FLAT</b>	HPNP 304 - 8	HCNP 305 - 8	HSNP 306 - 8
<b>PANEL NEWEL POST</b>	HPNP 304 - 12	HCNP 305 - 12	HSNP 306 - 12

- All Plain Newel Post will work with over the Newel System
- HTC 302-12 Loose Base sold separately

# BALUSTRADE SYSTEMS

## Miscellaneous Rails

\*(HSBAL) are balusters with extended blocks. They can be used for stair applications or as a taller baluster.

<b>HTR 182 - 8', 10', 12'</b>	<b>Top Rail</b>	<b>Width</b>	<b>Bottom Width</b>	<b>Height</b>
		5 - 3/4"	3 - 3/4"	2 - 1/2"
<b>HBR 183 - 8', 10', 12'</b>	<b>Bottom Rail</b>	<b>Width</b>	<b>Height</b>	
		3 - 3/4"	3"	
<b>HTR 212 - 8', 10', 12'</b>	<b>Top Rail</b>	<b>Width</b>	<b>Bottom Width</b>	<b>Height</b>
		5 - 3/4"	5"	1 - 3/4"
<b>HBR 213 - 8', 10', 12'</b>	<b>Bottom Rail</b>	<b>Top Width</b>	<b>Height</b>	
		3 - 1/2"	1 - 1/2"	
<b>HTR 220 - 8'</b>	<b>Top Rail</b>	<b>Width</b>	<b>Bottom Width</b>	<b>Height</b>
		8-3/4"	3 - 7/8"	4 - 1/4"
<b>HBR 525 - 8', 10', 12'</b>	<b>Bottom Rail</b>	<b>Top Width</b>	<b>Height</b>	
		5 - 1/4"	2 - 1/2"	
<b>HBR 721 - 8', 10', 12'</b>	<b>Bottom Rail</b>	<b>Width</b>	<b>Bottom Width</b>	<b>Height</b>
		6-1/2"	9 - 3/8"	2 - 1/4"
			NON- STRUCTURAL	
<b>HTRC 144 - 16'</b>		<b>Width</b>	<b>Height</b>	
		14 - 1/2"	2 - 3/8"	RAILING CAP





# BALUSTRADE SYSTEMS

## Porch Post & Lamp Post



### PORCH POST

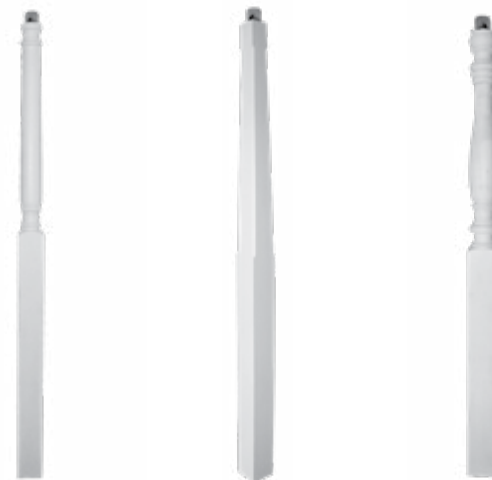
HTPP 440 - 9    HTPP 3051- 9    HTPP 3058 - 8  
HTPP 3051- 114"



4 - 5/8" x 108"    5 - 1/2" x 108"  
5 - 1/2" x 114"    5 - 1/2" x 96"

### LAMP POST

HLP 440 - 8    HLP 790 - 8    HLP 3058 - 7  
HLP 790 - 10



4 - 5/8" x 96"    5 - 1/2" x 96"  
5 - 1/2" x 120"    5 - 1/2" x 85"

Porch Posts come with Steel Pipe providing 12,000 Lbs bearing strength.

### PORCH POST KITS

Porch Post comes with hardware kits

### TRIM COLLARS

Part No.	Post Size
HTC - 4	4 - 1/2"
HTC - 4-5/8	4 - 5/8"
HTC - 6	5 - 1/2"



### CUSTOM

**Part No.**  
HISTORIC RESTORATION or NEW DESIGN  
Email us your drawings.

**CONTACT US FOR CAD DRAWINGS.**

## BALUSTRADE SYSTEMS

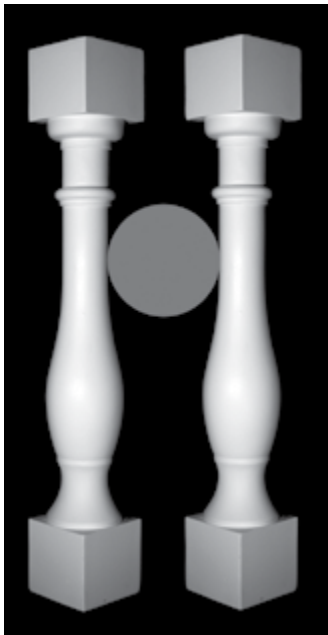
### BALUSTRADE SYSTEM Installation Instructions

HAAS ARCHITECTURAL MILLWORK, INC.

#### BALUSTRADE/RAILING SYSTEM INSTALLATION INSTRUCTIONS

\*Haas Architectural Millwork, Inc. is a high quality molded urethane. Our product is designed to withstand moisture, insects, and the outside elements.

Our millwork has a painted finish that is chemically bonded during the molding process. This base coat will not peel or crack. An additional primer is applied prior to shipping. We do recommend top-coat painting moldings with an exterior paint.



- Most states use the **4" BALL** to meet building code regulations. This rule is that a 4" ball cannot pass through the widest opening between balusters.
- Structural integrity is the responsibility of the installer.
- Custom items cannot be returned or canceled once the production has already begun.
- All products that have been approved by Haas Architectural Millwork, Inc. for return must be shipped prepaid and a 25% **restocking fee** will be assessed. Parts that have been installed, painted, or modified in any way may not be returned.
- Proper **safety procedures** are to be used when installing, sanding, or sawing our product, such as wearing safety glasses and a dust mask. Urethane dust can be irritating and should not be inhaled.
- Using Haas Architectural Millwork, Inc. products does not contribute to depleting our valuable forests.
- Haas Architectural Millwork, Inc. products should be stored in the temperature conditions in which they will be installed.
- Haas Architectural Millwork, Inc. **warrants** all of its' products against defects in materials and workmanship for a period of **10 years** from the date of purchase, when used and installed under recommended conditions.
- Haas Architectural Millwork, Inc. offers **balusters with extensions** on top and bottom for stair application.

**BALUSTRADE SYSTEMS****BALUSTRADE SYSTEM Installation Instructions****NEWEL POST INSTALLATION KIT****(ORDER 1 KIT PER NEWEL POST)****Part No.****Post Size**

HNPk 300 - 4	Fits all 4" newel posts
HNPk 300 - 6	Fits all 5 1/2" newel posts
HNPk 300 - 8	Fits all 8" newel posts
HNPk 300 - 9	Fits all 9" newel posts
HNPk 300 - 10	Fits all 10" newel posts
HNPk 300 - 12	Fits all 12" newel posts

**NOTE:** Newel Kits are available for either wood or concrete application. To specify please add -W for wood or -C for concrete to the end of the kit number. Ex. (HNPk 300-4-W or HNPk 302-8-C)

**WOOD KIT**

1. One floor flange
2. Four 3/8" x 2" lag bolts
3. One 1/2" x 48" threaded rod
4. One "C" channel
5. One 1/2" flat washer
6. One 1/2" lock washer
7. One 1/2" Nut

**CONCRETE KIT**

1. One floor flange
2. Four 3/8" x 2 1/4" concrete wedge bolts
3. One 1/2" x 48" threaded rod
4. One "C" channel
5. One 1/2" flat washer
6. One 1/2" lock washer
7. One 1/2" Nut

**RAILING INSTALLATION KIT****(ORDER 1 KIT PER TOP & BOTTOM RAIL SECTION.)****KIT NUMBER****FITS THESE RAILS****RAILING KIT**

HRK 180	HTR 180, HTR 232-HBR 233, HTR 212-HBR 213	1. Two pre-drilled aluminum angle brackets. (Top Rail)
HRK 200	HTR 182-HBR 183, HTR 200-HBR 201, HTR 210-HBR 211, HTR 760-HBR 761	2. Two pre-drilled aluminum angle brackets w/ 5/16" tapped hole. (Bottom Rail)
HRK 204	HTR 204-HBR 205, HTR 202-HBR 203, HTR 218, HTR 220	3. Eight #14 x 2" self tapping screws.
HRK 206	HTR 206-HBR 207, HTR 214-HBR 215	4. Four 1/4" x 2" Panhead bolts.
HRK 208	HTR 208-HBR 209, HTR 216	5. Two 5/16" x 1 1/2" hex head bolts.

**STAIR RAIL KITS**Simply add an **HRK-(S) HRKS 200**

\*Note: Must provide rise &amp; run.



**BALUSTRADE SYSTEMS****BALUSTRADE SYSTEM Installation Instructions****IMPORTANT STEP 1**

Mark the layout line and center points of each porch post and newel post prior to installation. This is very important to ensure the accurate length for installing the top and bottom rails.  
Use 12' as the maximum railing length.

**STEP 2 WOOD DECKING INSTALLATION**

1. Install blocking under where each newel's floor flange will be located.
2. Locate and center each floor flange and secure using 3/8" lag bolts.
3. Thread the 1/2" x 48" rod into the welded nut on the floor flange and tighten using vise grips.

**CONCRETE INSTALLATION**

1. Mark anchor hole in floor flange. Drill a 3/8" hole 1 1/4" deep into the cured concrete.
2. Insert anchor and using a punch, set the anchor pin.

**STEP 3**

1. Measure and combine the heights of the bottom rail and baluster (Distance X). This is the distance between the bottom of the angle brackets used to fasten railings to posts.
2. Mark the location and height of the bottom rail from the concrete or wood surface (Distance B).
3. Using the measurement of the rail and baluster (Distance X), locate the bottom of the top bracket.
4. Mark the top and bottom bracket on the newel post.
5. Mortise the newel post so that the face of the angle brackets are inset and are flush with the surface of the newel post.
6. Drill holes and secure angle brackets with #14 x 2 self tapping screws.

**STEP 4**

1. Rout the top of the newel post to accept the C-channel.
2. If trim collars are being used, slide them on the bottom before placing the newel post over the floor flange.
3. Put the C-channel in place and secure loosely with the nut and lock washer.



**BALUSTRADE SYSTEMS****BALUSTRADE SYSTEM Installation Instructions****STEP 5**

1. Determine your rail length.
2. Cut top and bottom rail to proper size.
3. Mortise the bottom of each rail to accept the 2 1/2" aluminum angle.
4. Drill a single 5/16" hole in the bottom rail that corresponds with the single 5/16" threaded hole on the bottom 2 1/2" x 2 1/2" aluminum angle.
5. Mark a center line on rails. Mark the position of each baluster then drill a hole to accept the PVC pipe that extends out either end of the baluster. Standard hole saws work well for drilling these holes.
6. Apply a bead of urethane adhesive to the bottom of each baluster and place the balusters in the holes of the bottom rail. Apply a bead of urethane adhesive to the tops of each baluster and set the top rail on the balusters. Clamp together using strap clamps, making sure baluster blocks are square to the bottom and top rail. A straight strip of plywood wedged between the baluster blocks and strap clamps helps to align baluster blocks straight and parallel to the top and bottom rail.
7. Allow the adhesive to set for 12 hours.

**STEP 6**

1. Remove the strap clamps from completed railing section.
2. Apply a small bead of urethane adhesive to the aluminum angles that are fastened to the newel posts, and to the ends of each top and bottom rail.
3. Leave the newel posts loose so you can slide the glued up rail section between them without smearing glue on exposed parts of the newel post.
4. Fit the mortises on the undersides of the rail onto the 2 1/2" x 2 1/2" aluminum angle that is mounted to the newel post.
5. Pre-drill 1/8" holes through the holes in the top aluminum plates into the PVC pipe. Install 2 #14 x 2" pan head self tapping screws.
6. Thread the 5/16" x 1 1/4" bolt through the bottom plate and into the 5/16" hole you drilled in the underside of the bottom rail. (\*Note: This 5/16" threaded bolt does not provide downforce. It is intended to keep the rail from moving laterally. Typical installations do not have enough room between the decking and the underside of the bottom rail for the use of screws.)
7. After securing rail section to newel posts tighten up the nut on the newel post, securing it to the deck.
8. Apply a small bead of urethane adhesive to the top of the newel post and glue the newel cap in place. Small brad nails will keep the cap aligned until the glue sets.

# BALUSTRADE SYSTEMS

## BALUSTRADE SYSTEM Installation Instructions

### STEP 7

1. After glue dries, clean off excess with sharp putty knife. Caulk any cracks with good quality latex paintable caulk.
2. Haas Architectural Millwork, Inc. recommends applying a finish coat of latex paint to your railing system.



\* STAIR APPLICATION - STANDARD STAIR RAIL KIT & NEWEL KIT.  
OVER THE NEWEL KITS ARE NOT MADE TO WORK ON STAIRS.

#### RAIL KITS

Part No. HRK 208 ; HRK 216

#### STAIR RAIL KITS

Part No. HRKS 208 / HRKS 216

\*\*Customer must specify rise and run of stairs 1 KIT PER TOP & BOTTOM RAIL SECTION



# BALUSTRADE SYSTEMS

## BALUSTRADE SYSTEM Installation Instructions

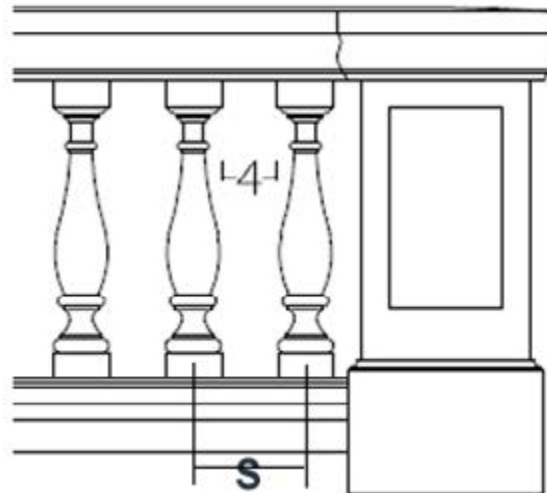
### ORDER CALCULATION & INFORMATION SHEET

#### Calculate Number of Balusters

Divide the rail length between your newel posts by the (**S**) dimension under each baluster in the catalogue.  
 S = Spacing on Center

**Stair Rail Kits** - Provide Rise & Run of Steps

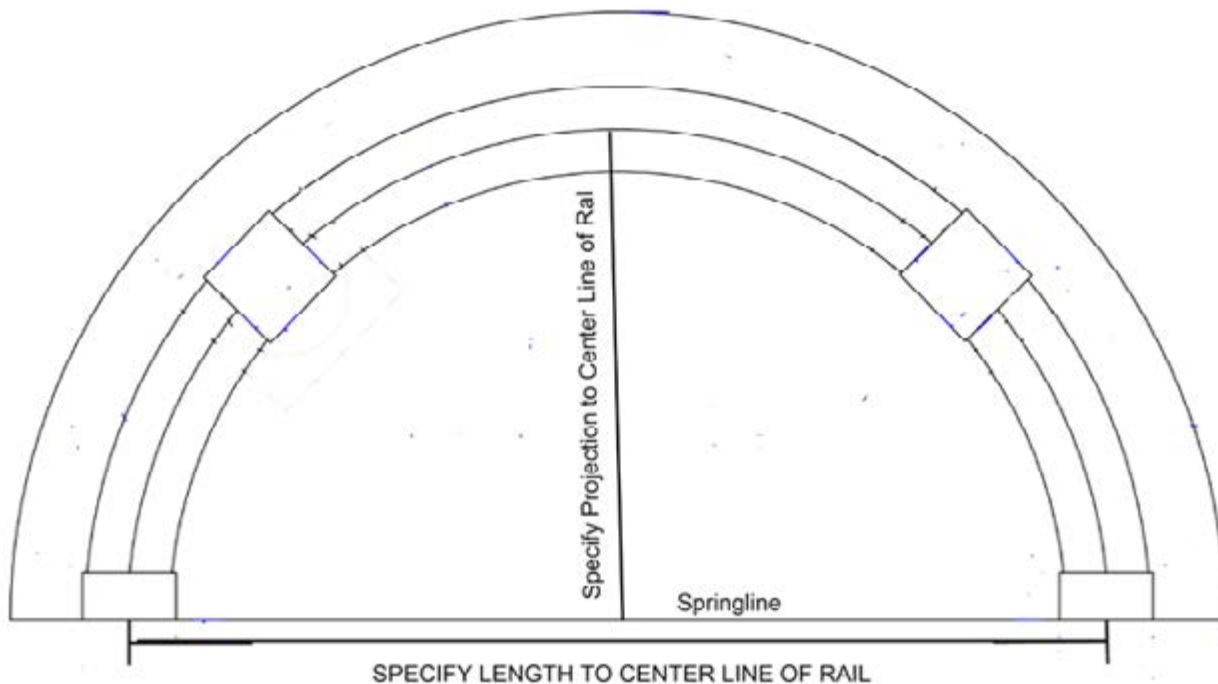
Rise \_\_\_\_\_"  
 Run \_\_\_\_\_"  
 Run \_\_\_\_\_"



#### Radius Rails Information

Provide Radius, or Width & Projection of the Porch or from Springline.

RADIUS \_\_\_\_\_ or (Width \_\_\_\_\_", Projection \_\_\_\_\_")







# BRACKETS & DENTILS

B  
R  
A  
C  
K  
E  
T  
S





# BRACKETS & DENTILS

## BRACKETS

<b>HBKT 100</b>  Width : 4 - 7/8" Height : 8" Proj: 8"	<b>HBKT 101</b>  Width : 5 - 3/8" Height : 20" Proj: 4 - 7/8"	<b>HBKT 108</b>  Width : 7 - 3/4" Height : 20" Proj: 11"
<b>HBKT 108 -1</b>  Width : 7 - 5/8" Height : 18 - 1/4" Proj: 6 - 5/8"	<b>HBKT 110</b>  Width : 3 - 3/4" Height : 9" Proj: 15 - 1/2"	<b>HBKT 111</b>  Width : 7 - 1/4" Height : 12 - 1/8" Proj: 10 - 3/16"
<b>HBKT 112</b>  Width : 3 - 1/2" Height : 30" Proj: 14"	<b>HBKT 118</b>  Width : 8 - 1/8" Height : 7 - 5/8" Proj: 18 - 3/4"	<b>HBKT 121</b>  Width : 4" Height : 15 - 3/4" Proj: 14"
<b>HBKT 126</b>  Width : 4 - 1/4" Height : 23 - 1/2" Proj: 17 - 1/2"	<b>HBKT 133</b>  Width : 5 - 1/2" Height : 16 - 1/4" Proj: 7 - 7/16"	<b>CUSTOM BRACKETS AVAILABLE</b> 
<b>HBKT 150 -1</b>  Width : 2" Height : 12" Proj: 12"	<b>HBKT 150 - 1 BIP</b>  Width : 2" Height : 12" Proj: 12"	<b>HBKT 152</b>  Width : 3 - 3/8" Height : 14 - 3/8" Proj: 14 - 3/8"
<b>HBKT 154</b>  Width : 2" Height : 10 - 1/4" Proj: 7 - 1/4"	<b>HBKT 168</b>  Width : 2 - 1/8" Height : 16" Proj: 9 - 3/4"	<b>HBKT 178</b>  Width : 8 - 1/4" Height : 15" Proj: 7 - 7/8"
<b>HBKT 179</b>  Width : 2 - 3/4" Height : 16" Proj: 9 - 3/4"	<b>HBKT 181</b>  Width : 5 - 1/2" Height : 13" Proj: 12"	<b>HBKT 220</b>  Width : 4" Height : 16" Proj: 8"
<b>HBKT 288 / HBKT 288 -1</b>  W: 2" W: 2" H: 8" H: 9 - 7/8" Proj: 8" Proj: 8"	<b>HBKT 372</b>  Width : 6 - 3/4" Height : 4 - 3/8" Proj: 6 - 3/4"	<b>HBKT 375</b>  Width : 4" Height : 21" Proj: 12"
	<b>HBKT 400 - 30</b>  Width : 3 - 1/2" Height : 30 - 1/4" Proj: 28"	<b>HBKT 400 - 30 BIP</b>  Width : 3 - 1/2" Height : 30 - 1/4" Proj: 28"



# BRACKETS & DENTILS

## BRACKETS

**HBKT 403 - 12**


Width : 1 - 1/4"  
Height : 12"  
Proj: 12"

**HBKT 405 - 8**


Width : 1 - 1/2" / 1 - 1/2" / 1 - 1/2"  
Height : 4" / 6" / 8"  
Proj: 4" / 6" / 8"

**HBTK 406 - 10**


Width : 3"  
Height : 10 - 5/8"  
Proj: 7 - 1/2"

**HBKT 406 - 15**


Width : 3 - 1/2"  
Height : 15 - 3/8"  
Proj: 11"

**HBKT 406 - 19**


Width : 3 - 1/2"  
Height : 19"  
Proj: 15 - 1/2"

**HBTK 408 - 16**


Width : 4 - 1/2"  
Height : 16"  
Proj: 10 - 1/2"

**HBKT 409**


Width : 9"  
Height : 12 - 1/4"  
Proj: 6 - 1/2"

**HBKT 409 - 8**


Width : 3 - 1/2"  
Height : 8"  
Proj: 6 - 1/2"

**HBKT 409 - 10**


Width : 3 - 1/2"  
Height : 10"  
Proj: 5 - 1/4"

**HBKT 409 - 10 - 1**


Width : 3 - 1/2"  
Height : 10"  
Proj: 4"

**HBKT 409 - 10 - 4**


Width : 4"  
Height : 10"  
Proj: 5-1/2"

**HBKT 409 - 16**


Width : 6"  
Height : 16"  
Proj: 5-1/4"

**HBKT - R 409 - 10**


Width : 3 - 1/2"  
Height : 10"  
Proj: 5 - 1/4"

**HBKT 409 - 24**


Width : 6"  
Height : 24"  
Proj: 10"

**HBKT 410 - 1**


Width : 3 - 5/8"  
Height : 5 - 1/4"  
Proj: 13"

**HBKT 411 - 12**


Width : 1"  
Height : 11 - 7/8"  
Proj: 11 - 7/8"

**HBKT 412 - 14**


Width : 6"  
Height : 14"  
Proj: 8"

**CUSTOM BRACKETS AVAILABLE**

**HBKT 414-9 / HBKT 414-11 / HBKT 414-16**


Width : 4" | 6" | 8"  
Height : 9-5/8" | 11" | 16"  
Proj: 7" | 7" | 10"

**HBKT 415 - 18**


Width : 3 - 3/8"  
Height : 18"  
Proj: 18"

**HBKT 416 (HRAFT 416)**


W: 6"  
H: 6"  
Proj: 36"

**HBKT 417 - 36**


Width : 6"  
Height : 36"  
Proj: 36"

**HBKT 418 - 36 / 418 - 30**


Width : 6"  
Height : 36"  
Proj: 36"

**HBKT 419 - 16**


Width : 6"  
Height : 16 - 1/4"  
Proj: 11"

**HBKT 420 - 11**


Width : 6"  
Height : 6 - 5/8"  
Proj: 10 - 7/8"

**HBKT 421 - 17**


Width : 2"  
Height : 17 - 1/4"  
Proj: 9 - 5/8"

**HBKT 422 - 11**


Width : 7/8"  
Height : 11 - 1/2"  
Proj: 7 - 3/4"

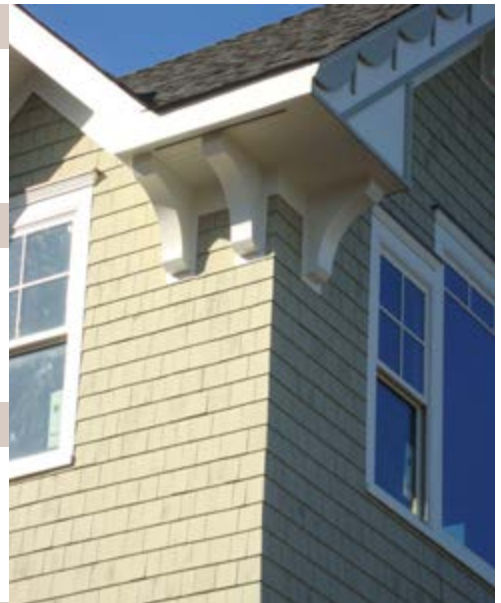
# BRACKETS & DENTILS

## BRACKETS

<p><b>HBKT 423</b></p>  <p>Width : 7 - 1/2" Height : 30" Proj: 14 - 1/4"</p>	<p><b>HBKT 426 -24</b></p>  <p>Width : 4" Height : 23 - 7/8" Proj: 18 - 5/8"</p>	<p><b>HBTK 428 - 32</b></p>  <p>Width : 3" Height : 32" Proj: 22"</p>
<p><b>HBKT 430</b></p>  <p>Width : 3 - 1/2" Height : 26 - 1/2" Proj: 18 - 1/2"</p>	<p><b>HBKT 432</b></p>  <p>Width : 4 - 1/2" Height : 15 - 1/2" Proj: 20"</p>	<p><b>HBTK 433</b></p>  <p>Width : 7 - 3/4" Height : 10" Proj: 14 - 1/4"</p>
<p><b>HBKT 436 -21</b></p>  <p>Width : 3 - 1/2" Height : 21" Proj: 12"</p>	<p><b>HBKT 438 - 12,24,36</b></p>  <p>Width : 2" / 3" / 3 - 1/2" Height : 12" / 24" / 36" Proj: 10" / 20" / 30"</p>	<p><b>HBTK 452</b></p>  <p>Width : 4" Height : 24" Proj: 24"</p>
<p><b>HBKT 488</b></p>  <p>Width : 3 - 3/4" Height : 8 - 1/4" Proj: 8"</p>	<p><b>HBKT 502</b></p>  <p>Width : 3 - 1/2" Height : 8 - 3/4" Proj: 3 - 1/2"</p>	
<p><b>HBKT 510</b></p>  <p>Width : 5 - 1/2" Height : 30" Proj: 24 - 1/2"</p>	<p><b>HBKT 511</b></p>  <p>Width : 3 - 1/2" Height : 24" Proj: 12"</p>	
<p><b>HBKT 521 / SAME AS HBD 521</b></p>  <p>Width : 6" Height : 10" Proj: 9 - 3/8"</p>	<p><b>HBKT 616</b></p>  <p>Width : 4" Height : 12" Proj: 10"</p>	
<p><b>HBKT 619</b></p>  <p>Width : 9 - 1/4" Height : 11 - 1/2" Proj: 23 - 1/2"</p>	<p><b>HBKT 620</b></p>  <p>Width : 7 - 7/8" Height : 5 - 3/8" Proj: 11"</p>	<p><b>HBKT 627</b></p>  <p>Width : 2 - 3/4" Height : 22" Proj: 22"</p>
<p><b>HBKT 628</b></p>  <p>Width : 7" Height : 10 - 9/16" Proj: 10 - 9/16"</p>	<p><b>HBKT 711 -11</b></p>  <p>Width : 3 - 1/2" Height : 11" Proj: 7"</p>	<p><b>HBKT 719</b></p>  <p>Width : 12" Height : 7 - 1/2" Proj: 7"</p>
<p><b>HBKT 725</b></p>  <p>Width : 3 - 1/2" Height : 36" Proj: 42"</p>	<p><b>HBKT 730</b></p>  <p>Width : 7" Height : 30" Proj: 10"</p>	<p><b>HBKT 800</b></p>  <p>Width : 2 - 1/4" Height : 5 - 7/8" Proj: 5 - 7/16"</p>

# BRACKETS & DENTILS

## BRACKETS


**HBKT 825**


Width : 9 - 7/16"  
Height : 7 - 1/4"  
Proj: 11 - 5/8"

**HBKT 968**


Width : 1 - 1/2"  
Height : 8"  
Proj: 6"

**HBKT 1011**


Width : 3"  
Height : 11"  
Proj: 10"

**HBKT 1012**


Width : 7/8"  
Height : 10"  
Proj: 12 - 1/2"

**HBKT 1054**


Width : 5 - 3/4"  
Height : 4 - 3/4"  
Proj: 10 - 1/2"

**HBKT 1179**


Width : 11"  
Height : 7"  
Proj: 11 - 1/2"

**HBKT 1216**


Width : 3"  
Height : 16"  
Proj: 11 - 1/2"

**HBKT 1244**


Width : 4"  
Height : 4"  
Proj: 12"

**HBTK 1311 - C**


Width : 11 - 1/2"  
Height : 7 - 1/2"  
Proj: 13"

**HBKT 1313**


Width : 3"  
Height : 13"  
Proj: 13"

**HBKT 1318**


Width : 8"  
Height : 18"  
Proj: 13"

**HBTK 1410**


Width : 4"  
Height : 10"  
Proj: 14"

**HBKT 1426**


Width : 6 - 1/2"  
Height : 25 - 1/2"  
Proj: 14 - 1/2"

**HBKT 1510**


Width : 10 - 1/2"  
Height : 8"  
Proj: 15 - 1/4"

**HBKT 1616**


Width : 2"  
Height : 15 - 7/8"  
Proj: 15 - 7/8"

**HBKT 1635**


Width : 3 - 1/2"  
Height : 16"  
Proj: 16"

**HBKT 1710**


Width : 5"  
Height : 10"  
Proj: 17"

**HBKT 1810**


Width : 7 - 1/4"  
Height : 10"  
Proj: 18"

**HBKT 1873**


Width : 2 - 7/8"  
Height : 20"  
Proj: 6 - 3/4"

**HBKT 1883**


Width : 3 - 1/2"  
Height : 18"  
Proj: 8"

**HBKT 1931**


Width : 7 - 1/4"  
Height : 31 - 1/2"  
Proj: 19 - 1/2"

**HBKT 2222**


Width : 3 - 1/2"  
Height : 22"  
Proj: 22"

**HBKT 2226**





























Width : 8 - 1/2"  
Height : 26"  
Proj: 22 - 1/2"

**HBKT 2533**


Width : 5 - 1/2"  
Height : 12 - 7/8"  
Proj: 12"

# BRACKETS & DENTILS

## BRACKETS

<b>HBKT 4184</b>  Width : 4" Height : 18" Proj: 4"	<b>HBKT 5245</b>  Width : 5" Height : 24" Proj: 5"	<b>HBKT 6246</b>  Width : 6" Height : 24" Proj: 6"
<b>HBKT 7612</b>  Width : 7" Height : 6" Proj: 12"	<b>HBKT 8115</b>  Width : 7 - 7/8" Height : 12" Proj: 4 - 1/4"	<b>HBTK 8167</b>  Width : 6 - 3/16" Height : 16 - 5/8" Proj: 8 - 3/16"
<b>HBKT 8294</b>  Width : 4" Height : 29" Proj: 8 - 1/4"	<b>HBKT 8727</b>  Width : 7" Height : 7 - 3/8" Proj: 26 - 5/8"	<b>HBTK 9113</b>  Width : 3 - 1/2" Height : 11" Proj: 9"
<b>HBKT 10103</b>  Width : 10 - 1/2" Height : 3 - 5/8" Proj: 10"	<b>HBKT 10109</b>  Width : 9" Height : 10" Proj: 10"	<b>HBKT 11123</b>  Width : 3 - 1/2" Height : 12" Proj: 11 - 1/4"
<b>HBKT 12124</b>  Width : 3 - 1/2" Height : 12" Proj: 12"	<b>HBKT 16183</b>  Width : 3 - 1/2" Height : 18" Proj: 16"	<b>HBKT 20245</b>  Width : 5" Height : 25" Proj: 20"
<b>HBKT 24364</b>  Width : 3 - 1/2" Height : 36" Proj: 24"	<b>HBKT 25194</b>  Width : 4 - 1/2" Height : 25 - 1/2" Proj: 19 - 5/8"	<b>HBKT 28275</b>  Width : 5 - 1/2" Height : 28 - 1/2" Proj: 27 - 1/2"
<b>HBKT 30308</b>  Width : 7" Height : 30" Proj: 30"	<b>HBKT 30244</b>  Width : 4" Height : 30 - 1/4" Proj: 24"	<b>HBKT 42525</b>  Width : 4" Height : 25" Proj: 25"
<b>HBKT 43036</b>  Width : 4" Height : 36" Proj: 36"	<b>HBKT 63440</b>  Width : 6" Height : 40" Proj: 34"	<b>HBKT 23105</b>  Width : 5 - 1/2" Height : 23 - 1/8" Proj: 10 - 1/8"
<b>HBKT 10164</b>  Width : 4 - 7/16" Height : 16" Proj: 9 - 7/8"	<b>HBKT 132</b>  Width : 2" Height : 13" Proj: 11"	<b>HBKT 36366</b>  Width : 6" Height : 36" Proj: 36"



# BRACKETS & DENTILS

## BRACKETS

HBKT 434



Width : 4"  
Height : 14"  
Proj: 18"

HBKT 520



Width : 3"  
Height : 20"  
Proj: 5"

HBKT 852



Width : 3 - 3/8"  
Height : 18"  
Proj: 18"

HBKT 11203



Width : 3"  
Height : 20"  
Proj: 11"

HBKT 31305



Width : 5"  
Height : 30"  
Proj: 31"

HBTK 3520



Width : 9 - 5/8"  
Height : 34 - 5/8"  
Proj: 19 - 5/8"



# BRACKETS & DENTILS

## DENTIL BLOCKS



**HDB 114**

FOR CUSTOM OR PITCHED DENTIL BLOCKS CONTACT US FOR A QUOTE.



Width : 6"  
Height : 6"  
Proj: 13 - 1/4"

**HDB 114 - 1**



Width : 7 - 1/12"  
Height : 6"  
Proj: 13 - 1/4"

**HDB 122/ HDB 122-36**




Width : 4 - 1/2"  
Height : 4 - 1/2"  
Proj: 20 - 5/8"  
Available 36" Proj

**HDB 135**



Width : 7 - 1/4"  
Height : 4 - 3/4"  
Proj: 10"  
.5/12 Pitch Available

**HBD 214**



Width : 4 - 1/2"  
Height : 9 - 5/8"  
Proj: 8 - 1/2"

**HDB 338**




Width : 3"  
Height : 3"  
Proj: 8"

**HDB 355**



Width : 4 - 3/4"  
Height : 2 - 3/4"  
Proj: 4 - 3/4"

**HBD 359**



Width : 3"  
Height : 5"  
Proj: 9"

**HDB 410**



Width : 4 - 3/4"  
Height : 7 - 1/4"  
Proj: 10"

**HDB 444**




Width : 4"  
Height : 4"  
Proj: 4"

**HBD 462**



Width : 2 - 1/2"  
Height : 3 - 1/4"

**HDB 467**



Width : 6"  
Height : 7"  
Proj: 4"

**HDB 470 - 1**



Width : 5 - 1/8"  
Height : 3 - 1/2"  
Proj: 7-3/4"

**HDB 470-2**




Width : 5"  
Height : 4 - 1/4"  
Proj: 7 - 3/4"

**HBD 470-2-LP6,7,8,10,12**




Width : 5"  
Height : 4 - 1/4"  
Proj: 7 - 3/4"

**HDB 470-2-RP6,7,8,10,12**



Width : 5"  
Height : 4 - 1/4"  
Proj: 7 - 3/4"

**HBD 471**



Width : 3 - 1/2"  
Height : 3 - 1/2"  
Proj: 3 - 1/2"

ALL DENTIL BLOCKS CAN BE COPED





# BRACKETS & DENTILS

## DENTIL BLOCKS


**HDB 471-1**


Width : 4"  
Height : 4"  
Proj: 8"

**HDB 472**


Width : 4"  
Height : 4"  
Proj: 6"

**HDB 472-1**


Width : 4"  
Height : 4"  
Proj: 11 - 3/8"

**HDB 473**


Width : 4 - 7/8"  
Height : 3"  
Proj: 5 - 5/8"  
6,8,12,12 Pitch Available

**HDB 474**


Width : 5 - 15/16"  
Height : 7 - 1/8"  
Proj: 9 - 1/2"

**HDB 475**


Width : 4 - 7/16"  
Height : 4"  
Proj: 9"

**HDB 475 - 1**


Width : 4 - 7/16"  
Height : 4"  
Proj: 16"

**HDB 476**


Width : 4 - 5/8"  
Height : 2 - 7/8"  
Proj: 4 - 1/8"

**HDB 476 - 1**


Width : 4 - 5/8"  
Height : 2 - 7/8"  
Proj: 7 - 5/16"

**HDB 477 - 1**


Width : 5 - 7/8"  
Height : 5 - 3/4"  
Proj: 9 - 3/4"

**HDB 505**


Width : 5"  
Height : 3 - 3/8"  
Proj: 7 - 3/4"

**HDB 506**


Width : 3 - 7/8"  
Height : 3 - 5/8"  
Proj: 4 - 5/8"

**HDB 506 - 3**


Width : 5 - 1/8"  
Height : 4 - 1/4"  
Proj: 7 - 3/4"

**HDB 510/HDB 510-LP/RP 12**


Width : 4 - 3/4"  
Height : 6"  
Proj: 5"  
8", 12", Pitch Blocks Available

**HDB 511**


Width : 4 - 3/4"  
Height : 6 - 1/2"  
Proj: 5 - 1/2"

**HDB 512**


Width : 4 - 1/4"  
Height : 5 - 1/2"  
Proj: 5 - 1/2"

**HDB 513**


Width : 4 - 3/8"  
Height : 5 - 3/8"  
Proj: 6 - 7/8"

**HDB 519**


Width : 7"  
Height : 10 - 3/8"  
Proj: 12 - 3/4"

**HDB 521 (SAME AS HBKT 521)**


Width : 6"  
Height : 10"  
Proj: 9 - 3/8"


**HDB 542**


Width : 8"  
Height : 4"  
Proj: 16"

**HDB 560**


Width : 6"  
Height : 5"  
Proj: 6"

**HDB 668**





















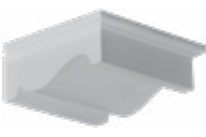




Width : 5 - 1/2"  
Height : 8"  
Proj: 5 - 3/8"

**HDB 700**


Width : 3 - 1/2"  
Height : 4 - 5/8"  
Proj: 14 - 5/8"

# BRACKETS & DENTILS

## DENTIL BLOCKS

<b>HDB 702 - C</b>  Width : 16 - 1/2" Height : 6 - 1/4" Proj: 12 - 1/4"	<b>HDB 703 - C</b>  Width : 24 - 1/4" Height : 6 - 1/4" Proj: 12 - 1/4"	<b>HBD 771</b>  Width : 7 - 1/4" Height : 7" Proj: 10-1/16"
<b>HDB 772</b>  Width : 6 - 7/8" Height : 6 - 5/16" Proj: 11 - 1/16"	<b>HDB 800</b>  Width : 3 - 3/4" Height : 4 - 1/2" Proj: 8 - 5/8"	<b>HBD 800 - LP - 7 / HBD 800 - RP - 7</b>  Width : 3 - 3/4" Height : 4 - 1/2" Proj: 8 - 5/8" 7/12 PITCH
<b>HDB 803 / HBD 803 - 1 COPED</b>  Width : 4 - 3/8" Height : 3 - 3/4" Proj: 7" *Coped 8"	<b>HDB 820</b>  Width : 5" Height : 6 - 1/4" Proj: 6 - 13/16"	<b>HBD 856</b>  Width : 6" Height : 5" Proj: 8"
<b>HDB 900</b>  Width : 5" Height : 4" Proj: 3 - 1/2"	<b>HDB 900 - 1</b>  Width : 5" Height : 4" Proj: 6 - 1/4"	<b>HBD 900 - 2</b>  Width : 5" Height : 5 - 1/2" Proj: 8"
<b>HDB 983</b>  Width : 3" Height : 8" Proj: 9"	<b>HDB 988</b>  Width : 8" Height : 8" Proj: 9"	<b>HBD 999</b> 12/12 PITCH AVAILABLE  Width : 4 - 3/4" Height : 4" Proj: 3 - 1/2"
<b>HDB 1179</b>  Width : 8" Height : 12 - 7/32" Proj: 11 - 1/4"	<b>HDB 1311 - C</b> COPE TO FIT HMLD 2314  Width : 11 - 1/2" Height : 7 - 1/2" Proj: 13"	<b>HBD 3548</b>  Width : 5 - 1/4" Height : 3" Proj: 48"
<b>HDB 7116</b>  Width : 11 - 1/4" Height : 7 - 1/2" Proj: 16"	<b>HDB 7243</b>  Width : 7 - 1/2" Height : 3 - 1/2" Proj: 25"	<b>HBD 10103</b>  Width : 9" Height : 3 - 5/8" Proj: 10"
<b>HDB 10108</b>  Width : 10 - 1/4" Height : 8" Proj: 9"	<b>HDB 553</b>  Width : 3 - 1/2" Height : 5 - 1/2" Proj: 5 - 1/2"	<b>HDB 5611</b>  Width : 16" Height : 5 - 1/4" Proj: 10 - 3/4"

ALL DENTIL BLOCK CAN BE COPED







**BRACKETS & DENTILS**  
**RAFTER TAILS**



**HRAFT 424**



Width : 6"  
Height : 11"  
Proj: 40"

**HRAFT 431**



Width : 5"  
Height : 5"  
Proj: 24"

**HRAFT 460**



Width : 5"  
Height : 12"  
Proj: 48"

**HRAFT 507**



Width : 3 - 1/2"  
Height : 3 - 1/2"  
Proj: 78"

**HRAFT 470**



Width : 4"  
Height : 8"  
Proj: 96"

**HRAFT 480**



Width : 5 - 1/2"  
Height : 11"  
Proj: 44"

**HRAFT 510 - B (HRAFT)**



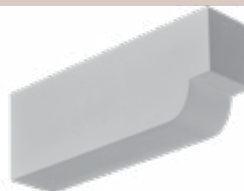
Width : 5 - 5/8"  
Height : 3 - 1/2"  
Proj: 60"

**HRAFT 490**



Width : 3 - 1/2"  
Height : 8"  
Proj: 40"

**HRAFT 510**



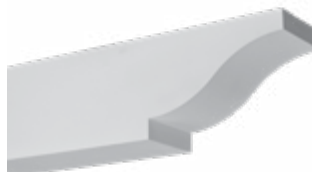
Width : 5 - 5/8"  
Height : 6 - 3/8"  
Proj: 24 - 1/2"

**HRAFT 571**



Width : 4 - 1/2"  
Height : 5"  
Proj: 71"

**HRAFT 39810**



Width : 8"  
Height : 10"  
Proj: 39"



# ENTRANCE SYSTEMS

## ENTRANCE SYSTEMS SELECTION GUIDE & GALLERY



#1



#2



#3



#4

CUSTOM ENTRANCE SYSTEM



#5



#6



#7



#8

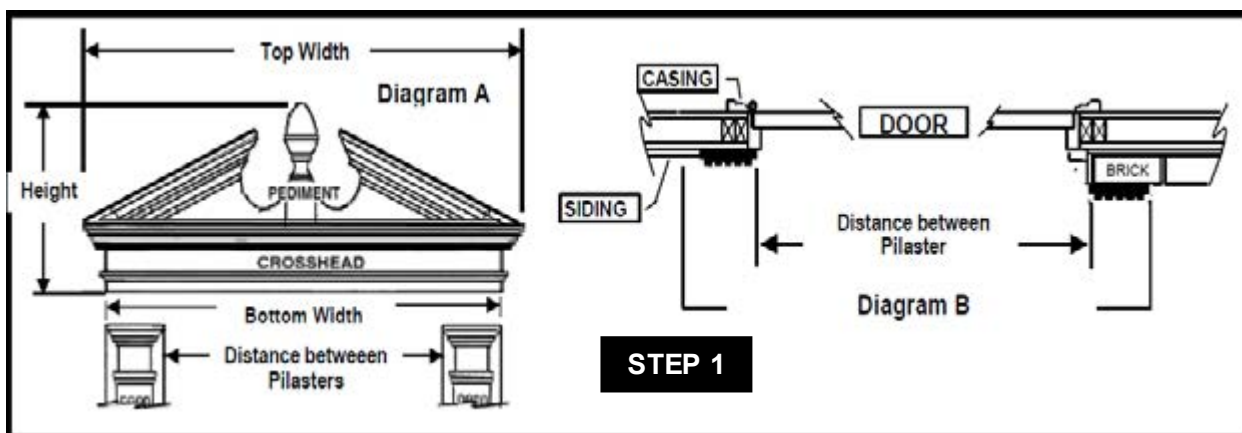
CUSTOM ENTRANCE SYSTEM



# ENTRANCE SYSTEMS

## ENTRANCE SYSTEMS GUIDE

1. Determine the distance between the inside edge of your pilasters as they will be installed on the door jamb. (See Diagram A & B)
2. Locate the Crosshead & Crosshead/Pediment Combination Selection Chart . Under the Pilaster Widths heading you will see the different widths pilasters available for your entrance system. Each width column lists different door unit dimensions. Locate the dimension that fits or is the closest to the distance between your pilasters. Typically you will go up to the next larger size. This will usually result in the crosshead overhanging the pilasters edge slightly which is not uncommon. Note There may be more than one pilaster width to work with your door system.
3. To select a crosshead and pediment that will work with your chosen pilasters width and door unit dimension, move to the right across the page under the Crosshead and Crosshead/Pediment Selection Chart. Note: The names correlate to a particular style Crosshead or Crosshead/Pediment Combination as identified at the top of the page.
4. Locate the Pilaster Selection Chart and find the chosen width pilaster required for your application. Select the style you desire and the height needed to fit your application. NOTE: Many doors have a stoop 6" below the bottom of the door and typically the pilasters bottom will stand on the stoop. Pilaster heights can be adjusted by cutting the bottom plinth. Some pilasters are available with a loose plinth. See the Pilaster Selection Chart for details.



Crosshead & Combination Crosshead/Pediment Selection Chart													
200 SERIES Pilaster Widths								SINGLE DOOR					
5"	6"	7"	8"	9"	10"	11"	12"	Description	Part No.	Bottom Width	Top Width	Height	Proj
Distance Between Pilasters													
<b>STEP 2</b>								Crosshead	HC 50	50"	55-3/4"	9"	4"
								Crosshead w/Key	HCK 50			9"	
								Acorn Combo	HAC 50			23"	
								Peak Combo	HPC 50			23"	
								Plain Segment Combo	HPC 50			23"	
								Rams Head Combo	HRHC 50			29"	
								Segment Sunburst Combo	HPSC 50			23"	
40"	38"	<b>36"</b>	34"	32"	30"	28"	26"	<b>STEP 3</b>					



# ENTRANCE SYSTEMS

## 3" ENTRANCE SYSTEM

ACORN COMBO



CROSSHEAD



CROSSHEAD W/KEYSTONE



PEAK COMBO



RAMS HEAD COMBO


 SEGMENT SUNBURST COMBO  
PLAIN SEGMENT COMBO


### CROSSHEAD & COMBINATION CROSSHEAD/PEDIMENT SELECTION CHART

#### 100 SERIES PILASTER WIDTHS

#### SINGLE DOOR

3-3/4"	4-1/2"	5-1/4"	6-3/4"	7-1/2"	9"	DESCRIPTION	PART NO.	BOTTOM WIDTH	TOP WIDTH	Height	PROJ
Distance Between Pilasters											
40"	38-1/2"	37"	34"	32-1/2"	29-1/2"	Crosshead	HCP 47-1/2			6"	
						Crosshead w/Key	HCPK 47-1/2			8"	
						Acorn Combo	HACP 47-1/2			15- 5/16"	
						Peak Combination	HPCP 47-1/2	47-1/2"	53-1/2"	15-15/16"	3"
						Plain Segment Combo	HPSCP 47-1/2			21-3/4"	
						Rams Head Combo	HRHCP 47-1/2			21-1/2"	
						Segment Sunburst Combo	HSCP 47-1/2			21-3/4"	
44-1/4"	42-3/4"	44-1/2"	38-1/4"	36-3/4"	33-3/4"	Crosshead	HCP 51-3/4"			6"	
						Crosshead w/Key	HCPK 51-3/4"			8"	
						Acorn Combo	HACP 51-3/4"			20-7/8"	
						Peak Combination	HPCP 51-3/4"	51-3/4"	55-3/4"	20-7/8"	3"
						Plain Segment Combo	HPSCP 51-3/4"			20-3/8"	
						Rams Head Combo	HRHCP 51-3/4"			22-1/2"	
						Segment Sunburst Combo	HSCP 51-3/4"			20-3/8"	

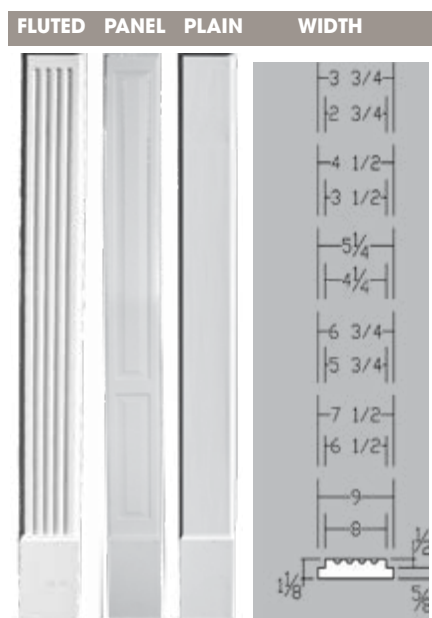
#### SINGLE DOOR & SINGLE DOOR W/ SIDELITES

47-1/2"	46"	44-1/2"	41-1/2"	40"	37"	Crosshead	HCP 55			6"	
						Crosshead w/Key	HCPK 55			8"	
						Acorn Combo	HACP 55			20-3/4"	
						Peak Combination	HPCP 55	55"	59"	20-3/4"	3"
						Plain Segment Combo	HPSCP 55"			22-7/8"	
						Rams Head Combo	HRHCP 55"			20-5/8 "	
						Segment Sunburst Combo	HSCP 55			22-7/8"	
59"	57-1/2"	56"	53"	51-1/2"	48-1/2"	Crosshead	HCP 66-1/2"			6"	
						Crosshead w/Key	HCPK 66-1/2"			8"	
						Acorn Combo	HACP 66-1/2"			23-5/8"	
						Peak Combination	HPCP 66-1/2"	66-1/2"	70-1/2"	23-5/8"	3"
						Plain Segment Combo	HPSCP 66-1/2"			22-1/4"	
						Rams Head Combo	HRHCP 66-1/2"			24-1/8"	
						Segment Sunburst Combo	HSCP 66-1/2"			22-1/4"	

# ENTRANCE SYSTEMS

## 3" ENTRANCE SYSTEM

PILASTER WIDTHS							DOUBLE DOORS & SINGLE DOOR w/ SIDELITES						
3-3/4"	4-1/2"	5-1/4"	6-3/4"	7-1/2"	9"		DESCRIPTION	PART NO.	BOTTOM WIDTH	TOP WIDTH	HEIGHT	PROJ	
DISTANCE BETWEEN PILASTERS													
							Crosshead	HCP 75-1/2			6"		
							Crosshead w/Key	HCPK 75-1/2			8"		
							Acorn Combo	HACP 75-1/2			25-15/16"		
68"	66-1/2"	65"	62"	60-1/2"	57-1/2"		Peak Combination	HPCP 75-1/2	75-1/2"	79-1/2"	25-15/16"	3"	
							Plain Segment Combo	HPSCP 75-1/2			23-1/4"		
							Rams Head Combo	HRHCP 75-1/2			23-7/8"		
							Segment Sunburst Combo	HSCP 75-1/2			23-1/4"		
							Crosshead	HCP 79-1/4			6"		
							Crosshead w/Key	HCPK 79-1/4			8"		
							Acorn Combo	HACP 79-1/4			26-7/8"		
71-3/4"	70-1/4"	68-3/4"	65-3/4"	64-1/4"	61-1/4"		Peak Combination	HPCP 79-1/4	79-1/4"	83-1/4"	26-7/8"	3"	
							Plain Segment Combo	HPSCP 79-1/4			24"		
							Rams Head Combo	HRHCP 79-1/4			25-5/16"		
							Segment Sunburst Combo	HSCP 79-1/4			24"		
							Crosshead	HCP 83-1/4			6"		
							Crosshead w/Key	HCPK 83-1/4			8"		
							Acorn Combo	HACP 83-1/4			27-7/8"		
75-3/4"	74-1/4"	72-3/4"	69-3/4"	68-1/4"	65-1/4"		Peak Combination	HPCP 83-1/4	83-1/4"	87-1/4"	27-7/8"	3"	
							Plain Segment Combo	HPSCP 83-1/4			26-1/8"		
							Rams Head Combo	HRHCP 83-1/4			26-1/8"		
							Segment Sunburst Combo	HSCP 83-1/4			26-1/8"		



100 SERIES PILASTER SELECTION CHART						
FLUTED	PANEL	PLAIN	WIDTH	HEIGHT	PROJ	
HPIL 160-3-90		HPIL 162-3-90	3-3/4"	90"		
HPIL 160-3-120*		HPIL 162-3-120*	3-3/4"	120"		
HPIL 160-3-144*		HPIL 162-3-144*	3-3/4"	144"		
HPIL 160-4-90		HPIL 162-4-90	4-1/2"	90"		
HPIL 160-4-120*		HPIL 162-4-120*	4-1/2"	120"		
HPIL 160-4-144*		HPIL 162-4-144*	4-1/2"	144"		
HPIL 160-5-90	HPIL 161-5-90	HPIL 162-5-90	5-1/4"	90"		
HPIL 160-5-120*	HPIL 161-5-120	HPIL 162-5-120*	5-1/4"	120"		
HPIL 160-5-144*		HPIL 162-5-144*	5-1/4"	144"		
HPIL 160-6-90			6-3/4"	90"	1-5/8"	
HPIL 261-11-120			6-3/4"	120"		
HPIL 261-12-102	HPIL 161-6-90	HPIL 162-6-90				
HPIL 160-6-120*	HPIL 161-6-120	HPIL 162-6-120*	6-3/4"	144"		
HPIL 160-6-144*		HPIL 162-6-144*				
HPIL 160-7-90	HPIL 161-7-90	HPIL 162-7-90	7-1/2"	90"		
HPIL 160-7-120*	HPIL 161-7-120	HPIL 162-7-120*	7-1/2"	120"		
HPIL 160-7-144*		HPIL 162-7-144*	7-1/2"	144"		
HPIL 160-9-90		HPIL 162-9-90	9"	90"		
HPIL 160-9-120*		HPIL 162-9-120*	9"	120"		
HPIL 160-9-144*		HPIL 162-9-144*	9"	144"		

\*Comes with Loose Plinth

# ENTRANCE SYSTEMS

## 4" ENTRANCE SYSTEM

ACORN COMBO



CROSSHEAD



CROSSHEAD W/KEYSTONE



PEAK COMBO



RAMS HEAD COMBO



SEGMENT SUNBURST COMBO  
PLAIN SEGMENT COMBO



### CROSSHEAD & COMBINATION CROSSHEAD/PEDIMENT SELECTION CHART

200 SERIES PILASTER WIDTHS								SINGLE DOOR					
5"	6"	7"	8"	9"	10"	11"	12"	DESCRIPTION	PART NO.	BOTTOM WIDTH	TOP WIDTH	HEIGHT	PROJ
Distance Between Pilasters													
								Crosshead	HC 50			9"	
								Crosshead w/Key	HCK 50			11"	
								Acorn Combo	HAC 50			23"	
40"	38"	36"	34"	32"	30"	28"	26"	Peak Combination	HPC 50	50"	55-3/4"	23"	4"
								Plain Segment Combo	HPSC 50			23"	
								Rams Head Combo	HRHC 50			25"	
								Segment Sunburst Combo	HSC 50			23"	
								Crosshead	HC 54			9"	
								Crosshead w/Key	HCK 54			11"	
								Acorn Combo	HAC54			24"	
44"	42"	40"	38"	36"	34"	32"	30"	Peak Combination	HPC 54	54"	59-3/4"	24"	4"
								Plain Segment Combo	HPSC 54			24-3/8"	
								Rams Head Combo	HRHC 54			26"	
								Segment Sunburst Combo	HSC 54			24-3/8"	

### SINGLE DOOR & SINGLE DOOR W/ SIDELITES

								Crosshead	HC 60			9"	
								Crosshead w/Key	HCK 60			11"	
								Acorn Combo	HAC 60			25-1/2"	
50"	48"	46"	44"	42"	40"	38"	36"	Peak Combination	HPC 60	60"	65-3/4"	25-1/2"	4"
								Plain Segment Combo	HPSC 60			26"	
								Rams Head Combo	HRHC 60			28"	
								Segment Sunburst Combo	HSC 60			26"	
								Crosshead	HC 66			9"	
								Crosshead w/Key	HCK 66			11"	
								Acorn Combo	HAC 66			27"	
56"	54"	52"	50"	48"	46"	44"	42"	Peak Combination	HPC 66	66"	71-3/4"	27"	4"
								Plain Segment Combo	HPSC 66			27"	
								Rams Head Combo	HRHC 66			27-1/2"	
								Segment Sunburst Combo	HSC 66			27"	

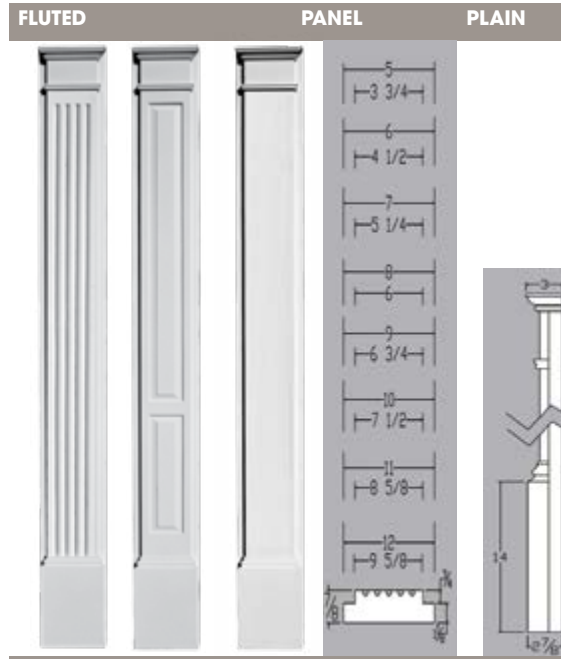
# ENTRANCE SYSTEMS

## 4" ENTRANCE SYSTEM

CROSSHEAD & COMBINATION CROSSHEAD/PEDIMENT SELECTION CHART													
200 SERIES PILASTER WIDTHS								SINGLE DOOR					
5"	6"	7"	8"	9"	10"	11"	12"	Description	Part No.	Bottom Width	Top Width	Height	Proj
Distance Between Pilasters													
								Crosshead	HC 82			9"	
								Crosshead w/Key	HCK 82			11"	
								Acorn Combo	HAC 82			30-3/4"	
72"	70"	68"	66"	64"	62"	60"	58"	Peak Combination	HPC 82	82"	87-3/4"	31"	4"
								Plain Segment Combo	HPSC 82			31"	
								Rams Head Combo	HRHC 82			29-1/8"	
								Segment Sunburst Combo	HSC 82			31"	
								Crosshead	HC 86			9"	
								Crosshead w/Key	HCK 86			11"	
								Acorn Combo	HAC 86			32-1/4"	
76"	74"	72"	70"	68"	66"	64"	62"	Peak Combination	HPC 86	86"	91-3/4"	32-1/4"	4"
								Plain Segment Combo	HPSC 86			32"	
								Rams Head Combo	HRHC 86			31-1/4"	
								Segment Sunburst Combo	HSC 86			32"	
SINGLE DOOR & SINGLE DOOR W/ SIDELITES													
								Crosshead	HC 94			9"	
								Crosshead w/Key	HCK 94			11"	
								Acorn Combo	HAC 94			34"	
84"	82"	80"	78"	76"	76"	74"	72"	Peak Combination	HPC 94	94"	94-3/4"	34"	4"
								Plain Segment Combo	HPSC 94			34"	
								Rams Head Combo	HRHC 94			32-7/16"	
								Segment Sunburst Combo	HSC 94			34"	

# ENTRANCE SYSTEMS

## 4" ENTRANCE SYSTEM



200 SERIES PILASTER SELECTION CHART

FLUTED	PANEL	PLAIN	Width	Height	Proj
HPIL 260-5-90		HPIL 262-5-90	5"	90"	
HPIL 260-5-120*		HPIL 262-5-120*	5"	120"	
HPIL 260-6-90		HPIL 262-6-90	6"	90"	
HPIL 260-6-120*		HPIL 262-6-120*	6"	120"	
HPIL 260-7-90	HPIL 261-7-90	HPIL 262-7-90	7"	90"	
HPIL 260-7-102*		HPIL 262-7-102*	7"	102"	
HPIL 260-7-116*		HPIL 262-7-116*	7"	116"	
HPIL 260-7-120*	HPIL 261-7-120	HPIL 262-7-120*	7"	120"	
HPIL 260-7-144*		HPIL 262-7-144*	7"	144"	
HPIL 260-8-90	HPIL 261-8-90	HPIL 262-8-90	8"	90"	
HPIL 260-8-120*	HPIL 261-8-120	HPIL 262-8-120*	8"	120"	
HPIL 260-8-144*		HPIL 262-8-144*	8"	144"	
HPIL 260-9-90	HPIL 261-9-90	HPIL 262-9-90	9"	90"	3"
HPIL 260-9-102*	HPIL 261-9-102	HPIL 262-9-108*	9"	108"	
HPIL 260-9-120*	HPIL 261-9-120	HPIL 262-9-120*	9"	120"	
HPIL 260-9-144*		HPIL 262-9-144*	9"	144"	
HPIL 260-10-90	HPIL 261-10-90	HPIL 262-10-90	10"	90"	
HPIL 260-10-108*	HPIL 261-10-108	HPIL 262-10-108*	10"	108"	
HPIL 260-10-120*	HPIL 261-10-120	HPIL 262-10-120*	10"	120"	
HPIL 260-10-144*	HPIL 261-10-144	HPIL 262-10-144*	10"	144"	
HPIL 260-11-90	HPIL 261-11-90	HPIL 262-11-90	11"	90"	
HPIL 260-11-108*		HPIL 262-11-108*	11"	108"	
HPIL 260-11-120*		HPIL 262-11-120*	11"	120"	
HPIL 260-11-144*		HPIL 262-11-144*	11"	144"	
HPIL 260-12-90		HPIL 262-12-90	12"	90"	
HPIL 260-12-108*		HPIL 262-12-108*	12"	108"	
HPIL 260-12-120*		HPIL 262-12-120*	12"	120"	
HPIL 260-12-144*		HPIL 262-12-144*	12"	144"	



# ENTRANCE SYSTEMS

## 6" ENTRANCE SYSTEM

**HDSC**

**HCC**


\* Plinths fit 11" Pilasters

**HCCK**


\* Plinths fit 11" Pilasters

**HLC**

**HLPP**

**HLAP**

**HRP**

**HBBP**

**FLUTED / PANEL / PLAIN**


FLUTED	PANEL	PLAIN	Width	Height	Proj
HPIL 260-9-90	HPIL 261-9-90	HPIL 262-9-90	9"	90"	
HPIL 260-9-108*	HPIL 261-9-108*	HPIL 262-9-108*	9"	108"	
HPIL 260-9-120*	HPIL 261-9-120*	HPIL 262-9-120*	9"	120"	
HPIL 260-9-144*		HPIL 262-9-144*	9"	144"	
HPIL 260-10-90	HPIL 261-10-90	HPIL 262-10-90	10"	90"	
HPIL 260-10-108*	HPIL 261-10-108*	HPIL 262-10-108*	10"	108"	
HPIL 260-10-120*	HPIL 261-10-120*	HPIL 262-10-120*	10"	120"	
HPIL 260-10-144*	HPIL 261-10-144*	HPIL 262-10-144*	10"	144"	
HPIL 260-11-90	HPIL 261-11-90	HPIL 262-11-90	11"	90"	3"
HPIL 260-11-108*		HPIL 262-11-108*	11"	108"	
HPIL 260-11-120*		HPIL 262-11-120*	11"	120"	
HPIL 260-11-144*		HPIL 262-11-144*	11"	144"	
HPIL 260-12-90		HPIL 262-12-90	12"	90"	
HPIL 260-12-108*		HPIL 262-12-108*	12"	108"	
HPIL 260-12-120*		HPIL 262-12-120*	12"	120"	
HPIL 260-12-144*		HPIL 262-12-144*	12"	144"	

**HVP 1**

**HVP 2**


HVP 1 &amp; HVP 2 - 8" PROJECTION

CUSTOM ENTRANCES. CONTACT US FOR A QUOTE.

# LOUVERS

## LOUVERS SYSTEMS



FOR 3-1/2" & 5-1/2" FLAT TRIM SURROUNDS, EMAIL US.

### HCIRT- FLAT CIRCLE TRIM



Part No.	W	Proj
HCIRT 1x3-1/2x24	31"	1"
HCIRT 1x3-1/2x28	35"	1"

### HCIRT-1034 CIRCLE TRIM



Part No.	W	Proj
HCIRT 1034 - 28	35"	1"



### HCTL - CIRCLE TOP LOUVER



Part No.	W	H	Proj
HCTL 12X18	12"	18"	2"
HCTL 12X24	12"	24"	2"
HCTL 12X30	12"	30"	2"
HCTL 14X32	14"	32"	2"
HCTL 16X24	16"	24"	2"
HCTL 16X42	16"	42"	2"
HCTL 18X30	18"	30"	2"
HCTL 22X32	22"	32"	2"
HCTL 24X48	24"	48"	2"

### HCTLs & HCTLKS-1034 CIRCLE TOP LOUVER W/ SURROUND



Part No.	W	H	Proj
HCTLs 1034-22X32	29"	44"	2"
HCTLKS 1034-22X32	29"	44"	3"

### HDL - DIAMOND LOUVER



Part No.	W	Proj
HDL 14	14"	2"
HDL 24	24"	2"
HDL 34-C	34"	2"



**\*\*SPECIFY OPEN OR CLOSED\*\***  
 Example: HRL 18-O Open with screen  
 HRL 18-C Closed

### HETL - EYEBROW LOUVER



Part No.	W	H	Proj
HETL 12x24	12"	24"	2"
HETL 18x30	18"	30"	2"
HETL 22X32	22"	32"	2"

### HETLT - EYEBROW LOUVER WITH 3-1/2" FLAT TRIM SURROUND



Part No.	W	H	Proj
HETLT 22X32-3-1/2	29"	39-1/2"	2"

### HGL - GOTHIC LOUVER



Part No.	W	H	Proj
HGL 18X36	18"	36"	2"
HGL 18X48	18"	48"	2"
HGL 18X54	18"	54"	2"

### HHOVL- HORIZONTAL OVAL LOUVER



Part No.	W	H	Proj
HHOVL 35X28	35"	28"	2"

# LOUVERS

## LOUVERS SYSTEMS

### HHOVKL - HORIZONTAL OVAL LOUVER WITH KEYSTONES



Part No.	W	H
HHOVKL 35X28	35"	28"

### HHRL - HALF ROUND LOUVER



Part No.	W	H	Proj
HHRL 18	18"	9"	2"
HHRL 22	22"	11"	2"
HHRL 24	24"	12"	2"
HHRL 28	28"	14"	2"
HHRL 30	30"	15"	2"
HHRL 32	32"	16"	2"
HHRL 36	36"	18"	2"
HHRL 40	40"	20"	2"

### HHOVLTRK - HORIZONTAL OVAL LOUVER WITH RECESSED KEYSTONES



Part No.	W	H	Proj
HHOVLTK 29 X 20	29"	20-5/8"	2-1/2"

### HHRLTKS - LOUVER HALF ROUND W/KEY&TRIM

Part No.	W	H	Proj
HHRLTKS 1034-32-3-1/2	39"	20-3/4"	2-1/2"



### HHRECTL - HORIZONTAL RECTANGLE LOUVER



Part No.	W	H	Proj
HRECTL 32X16	32"	16"	2"
HRECTL 39-1/2X15	39-1/2"	15"	2"
HRECTL-M 36X28	36"	28"	2"

(M) Louver has center mull strip.

### HOCL - OCTAGON LOUVER



Part No.	W	Proj
HOCL 22	22"	2"
HOCL 24	24"	2"
HOCL 27-1/2	27-1/2"	2"

### HHRKL - HALF ROUND KEYSTONE LOUVER



Part No.	W	H	Proj
HHRKL 24	24"	12"	3"
HHRKL 30	30"	15"	3"
HHRKL 32	32"	16"	3"
HHRKL 36	36"	18"	3"
HHRKL 40	40"	20"	3"

### HPL - PEAK TOP LOUVER



Part No.	W	H	Proj	Pitch
HPL 18x24-8	18"	24"	2"	8/12
HPL 24x36-12	24"	36"	2"	12/12
HPL 32x32-10	32"	32"	2"	10/12

### HRECTL - RECTANGLE LOUVER



HRECTL



HRECTL S  
BOTTOM SILL

Part No.	W	H	Proj
HRECTL 12x18	12"	18"	2"
HRECTL 12x24	12"	24"	2"
HRECTL 12x36	12"	36"	2"
HRECTL 16x16	16"	16"	2"
HRECTL 16x24	16"	24"	2"
HRECTL 16x36	16"	36"	2"
HRECTL 18x24	18"	24"	2"
HRECTL 18x30	18"	30"	2"
HRECTL 18x36	18"	36"	2"

Part No.	W	H	Proj
HRECTL 20x20	20"	20"	2"
HRECTL 20x39	20"	39"	2"
HRECTL 21x27	21.5"	27.5"	2"
HRECTL 24x30	24"	30"	2"
HRECTL 24x36	24"	36"	2"
*HRECTL 32x32	32"	32"	2"
HRECTL 36x48	36"	48"	2"
HRECTL 38x56	38"	56"	2"

\* CLOSED ONLY

# LOUVERS

## LOUVERS SYSTEMS

**\*\*SPECIFY OPEN OR CLOSED\*\***

**Example:**

**HRL 18-O Open with screen**

**HRL 18-C Closed**

### HRFLT - 3-1/2" FLAT TRIM ROUND LOUVER



Part No.	W	Proj
HRLFT 27	27"	1-1/2"
HRLFT 34	34"	1-1/2"

### HRKL - ROUND KEYSTONE LOUVER



Part No.	W	Proj
HRKL 18	18"	3"
HRKL 24	24"	3"
HRKL 30	30"	3"
HRKL 32	32"	3"
HRKL 36	36"	3"
HRKL 40	40"	3"

### HRL - ROUND LOUVER



Part No.	W	Proj
HRL 18	18"	2"
HRL 22	22"	2"
HRL 24	24"	2"
HRL 28	28"	2"
HRL 30	30"	2"
HRL 36	36"	2"
HRL 60	60"	2"

### HRLT - ROUND LOUVER W/ 3-1/2" FLAT TRIM



Part No.	W	Proj
HRLT 18-3-1/2	25"	2"
HRLT 22-3-1/2	29"	2"
HRLT 24-3-1/2	31"	2"
HRLT 28-3-1/2	35"	2"
HRLT 30-3-1/2	37"	2"



### HRLT - 1034 ROUND LOUVER W/ 3-1/2" TRIM



Part No.	W	Proj
HRLT 1034 28	35"	2"

### HRLT - ROUND LOUVER W/ 3-1/2" FLAT TRIM



Part No.	W	Proj
HRLTK 24	31"	2"
HRLTK 28	35"	2"
HRLTK 36	43"	2"

**Note: Projection & width do not include keystones.**

### HRLTRK - ROUND LOUVER WITH 3-1/2" FLAT TRIM & RECESSED KEYSTONES



Part No.	W	Proj
HRLTRK 16	24"	2"
HRLTRK 22	29"	2"
HRLTRK 28	35"	2"

**NOTE: PROJECTION & WIDTH DO NOT INCLUDE KEYSTONES.**

# LOUVERS



**\*\*SPECIFY OPEN OR CLOSED\*\***

Example:  
HRL 18-O Open with screen  
HRL 18-C Closed

**Custom Size & Pitch Triangle Louvers.  
Contact us for quote.**

## HTL -TRIANGLE LOUVER



**HTL-LR are supplied as halves, left & right**

Part No.	W	H	Proj	Pitch
HTL 32x16	26"	16"	2"	12/12
HTL 36x18	36"	18"	2"	12/12
HTL 48x18	48"	18"	2"	9/12
HTL 48x24	48"	24"	2"	12/12
HTL 64x21-3/8	64"	21-3/8"	2"	8/12
HTL 64x24	64"	24"	2"	9/12
HTL 64x26	64"	26-5/8"	2"	10/12
HTL 64x29-3/8	64"	29-3/8"	2"	11/12
HTL 64x32	64"	32"	2"	12/12
HTL 72x36	72"	36"	2"	12/12
HTL 84x17-1/2	84"	17-1/2"	2"	5/12
HTL 84x21	84"	21"	2"	6/12
HTL 120x30	120"	30"	2"	6/12

Part No.	W	H	Proj	Pitch
HTL-LR 60X25	60"	25"	2"	10/12
HTL-LR 60X30	60"	30"	2"	12/12
HTL-LR 115x35	115"	35"	2"	7-13/16/12

## HVOVL 1034 VERTICAL OVAL LOUVER



Part No.	W	H	Proj
HVOVL 28X35	28"	35"	1-3/4"



## HVOVL - OVAL LOUVER



Part No.	W	H	Proj
HVOVL 20X28	20"	28"	2"

**LOUVERS WITH FLAT TRIM  
AVAILABLE - CONTACT US**

## HVOVKL -OVAL KEYSTONE LOUVER



Part No.	W	H	Proj
HVOVKL 28X35	28"	35"	3"



# MISCELLANEOUS GABLE DECORATIONS



## HGD 200 - VICTORIAN



Part No.	Pitch	Width	Height	Proj
HGD 200 64 X 26-3/4	10/12	64"	26-3/4"	1"
HGD 200 64 X 32	12/12	64"	32"	1"
HGD 200 88 X 29-3/8	8/12	88"	29-3/8"	1"

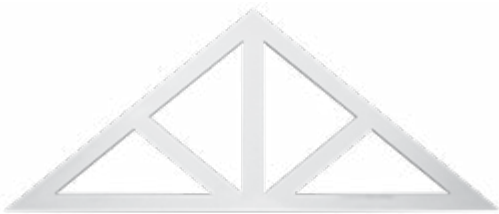
## HGD 300 - COLONIAL



Part No.	Pitch	Width	Height	Proj
HGD 300 64 X 26-5/8	10/12	64"	26-5/8"	2-3/4"
HGD 300 64 X 32	12/12	64"	32"	2-3/4"
HGD 300 88 X 29-3/8	8/12	88"	29-3/8"	2-3/4"
HGD 300 96X24	6/12	96"	24"	2 3/4

\* Custom sizes available.

## HGD 301



Part No.	Pitch	Width	Height	Proj
HGD 301 96 X 48	12/12	96"	48"	1-1/2"
HGD 301 115 X 48	10/12	115-3/16"	48"	1-1/2"
HGD 301 128 X 48	9/12	128"	48"	1-1/2"

\* Custom sizes available.



# MISCELLANEOUS GABLE DECORATIONS

## HGD 400 - SUNBURST



Part No.	Pitch	Width	Height	Proj
HGD 400 66X33	12/12	66"	33"	2"

\* Custom sizes available.

## HGAB



Part No.	Pitch	Width	Height	Proj
HGAB 80-8-12-2	8/12	79-7/8"	26-3/4"	2"



Part No.	Pitch	Width	Height	Proj
HGAB 80-8-12-3	8/12	79-7/8"	26-3/4"	3"



Part No.	Pitch	Width	Height	Proj
HGAB 81-96x48	12/12	96"	48"	3-1/2"



Part No.	Pitch	Width	Height	Proj
HGAB 82-96x48	12/12	96"	48"	3-1/2"

## HDE 159      HDE 262



\* HGAB - AVAILABLE IN CUSTOM SIZES. CONTACT US FOR A QUOTE.



Part No.	Width	Height	Proj
HDE 159	5-5/8"	9-3/4"	1-5/8"
HDE 262	20-1/8"	6-5/8"	1-5/8"

**MISCELLANEOUS**  
**DECORATIVE ELEMENTS**

**HAAS Architectural Millwork**  
**# 1 source**  
**Custom urethane Millwork.**

**1/2 COLUMN BASE**

**HHCB 22**

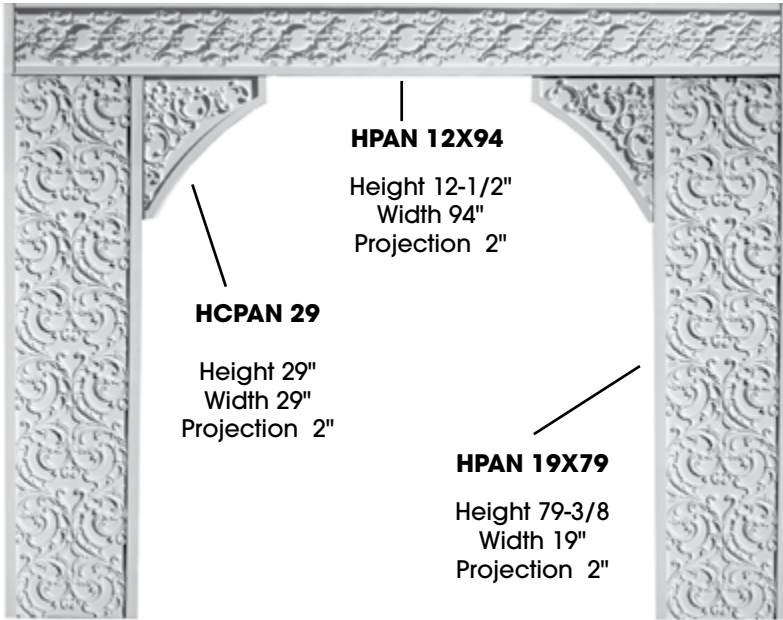


ID 22-1/2" X Hght 4-1/4"

**CUSTOM PARTS**  
**AVAILABLE**

**Please Email Us**

**HSPAN 91X94**



**HPAN 12X94**

Height 12-1/2"  
 Width 94"  
 Projection 2"

**HCPAN 29**

Height 29"  
 Width 29"  
 Projection 2"

**HPAN 19X79**

Height 79-3/8"  
 Width 19"  
 Projection 2"

**HALF COLUMN PILASTER**



**HCAP 560-1**



**PILASTER CAP**  
 BOTTOM PROJECTION: 7-1/2"  
 BOTTOM WIDTH: 15"  
 HEIGHT: 9-1/8"

HPIL 560 14-144  
 7" x 14" x 144"

**CUSTOM SIZES**  
**AVAILABLE**

**HBAS 560-2**



**PILASTER BASE**  
 TOP PROJECTION: 7-5/8"  
 TOP WIDTH: 15"  
 HEIGHT: 10-3/4"

**HSPIRE 1039**



HEIGHT 39"  
 WIDTH 10"

# MISCELLANEOUS DECORATIVE ELEMENTS

**HNIC 550-1**



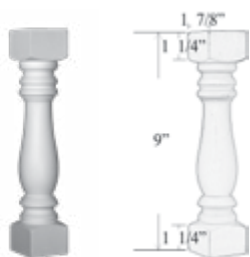
HEIGHT 42-1/2"  
WIDTH 16-5/8"  
DEPTH 4"

**HNIC 550-2**

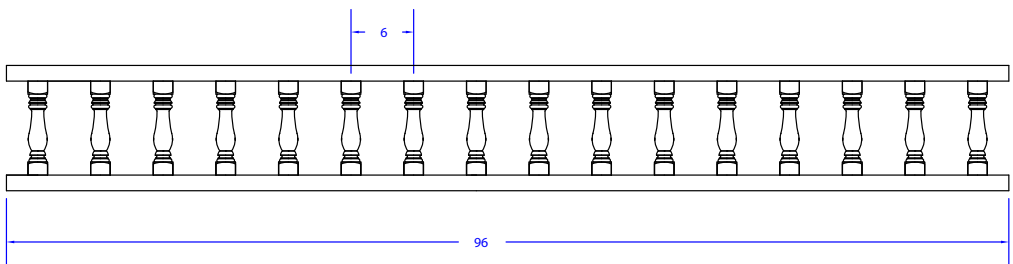


HEIGHT 39-1/4"  
WIDTH 16-5/8"  
DEPTH 4"

**HBAL 150-9**



**HSPAN 150-12-8**



Top & Bottom rails 1-1/2" x 2-3/8" x 8'  
For more structural and longer applications consider our HTR 213, or HBR 233 Railing. See the Balustrade section for more information..

**NIPS**  
HNIP 3



2-1/4" X 4"

**HBIP**  
HBIP 3



2-7/8" X 5-1/2"

**HBIP**  
HBIP 4



2-3/4" X 1"

**HBIP**  
HBIP 12



2-3/4" X 1/2"

# MISCELLANEOUS DECORATIVE ELEMENTS

## POST TOPS AND FINIALS



**HURN 10**  
Height 10-1/2"  
Base Dia 4-1/4"

**HURN 11**  
Height 10-7/8"  
Base Dia 5-1/4"



**HPIN 3**  
Height 6-5/8"  
Base Dia 2-1/2"

**HURN 15**  
Height 15-1/4"  
Base Dia 6-1/4"



**HURN 717**  
Height 17"  
Base Dia 5-1/2"

**HURN 820**  
Height 20"  
Base Dia 6-3/4"



**HPIN 11**  
Height 11"  
Base Dia 5"

**HPIN 14**  
Height 14"  
Base Dia 6-1/2"



**HACO 10**  
Height 9-3/4"  
Base Dia 4-1/2"

**HACO 12**  
Height 11"  
Base Dia 6-1/8"



**HBALL 603-5**  
Height 6-3/4"  
Base Dia 4-1/2"

**HBALL 603-8**  
Height 11"  
Base Dia 7-1/2"



**HBIP 1**  
1-5/8" X 2"



**HBIP 2**  
1-3/4" X 2"

## MISCELLANEOUS DECORATIVE ELEMENTS



**HDE 2**  
Height 7-3/4"  
Width 7-3/4"  
Proj 7/8"



**HMIS 15**  
Height 15"  
Width 11"  
Proj 3-3/8"



**HPIN**  
Height 7"  
Width 4-1/2"

**HTRI 10**  
Height 10"  
Width 5-1/2"  
Proj 3/4"



**HTRI 11**  
Height 36"  
Width 7-1/8"  
Proj 3/4"



**HROS 1**  
Diameter 11"  
Proj 2-3/4"



# MISCELLANEOUS

## DOOR PANELS & ROSETTES

### HDP RP



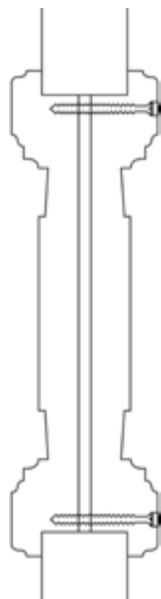
1-3/8" Paint Grade Raised Door Panel

### HDP WG-RP



### 1-3/8" WOOD GRAIN RAISED DOOR PANEL

Part Number	Overall	Size
HDP RP-10-14	10" X	14"
HDP RP-14-22	14" X	22"
HDP RP-14-24	14" X	24"
HDP WG-RP-10-14	10" X	14"
HDP WG-RP-14-22	14" X	22"
HDP WG-RP-14-24	14" X	24"



### DOOR PANEL



## ROSETTES



### HROS 2



Width 3-3/4"  
Hght 3-3/4"  
Projection 1"

### HROS 3



Width 4-1/2"  
Hght 4-1/2"  
Proj 2-3/8"

### HROS 9



Width 6-1/2"  
Hght 6-1/2"  
Proj 1-1/8"

### HROS 5



Width 5-1/2"  
Hght 5-1/2"  
Proj 2-1/8"

### HROS 13



Width 5-1/2"  
Hght 5-1/2"  
Projection 1"

### HROS 24



Width 4-1/4"  
Hght 4-1/4"  
Projection 1"

### HROS 71



Width 3-3/4"  
Hght 3-3/4"  
Proj 1-3/16"

### HROS 4



Width 3-3/4"  
Hght 3-3/4"  
Proj 1-3/16"

# MISCELLANEOUS

## MISCELLANEOUS DECORATIVE ELEMENTS

**HDS 425**  
Door Shelf



Height 3-1/2"  
Width 24-5/8"  
Proj 2"

**HDE 20**



Width 5-3/4"  
Proj 1/2"

**HDE 21**



Height 3-12"  
Width 2-3/4"  
Proj 1/4"

**HDE 4**



Diameter 9"  
Proj 3"

**HDE 33**



Width 4"  
Proj 1/2"

**HDE 44**



Width 4"  
Proj 1/2"

**HPRS 48-8**



Width 7-3/4"  
Proj 4"

**HROS 52**



Diameter 5-13/16  
Proj 2-1/2 "

**HPLIN 1046**



Diameter 5-3/4 "  
Proj 1/2 "

**HDE CLAM**



Width 5-3/4"  
Proj 1/2"

**HROS 8-1**



Width 8"  
Proj 1-13/16"

**HROS 8**



Width 3-3/4"  
Proj 1-3/4"

**HROS 41**



Width 4-1/4"  
Proj 1-1/2 "  
Height 11-1/4

**HSPIRE 1024**



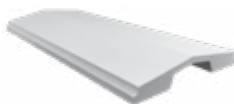
Width 10-1/2"  
Height 24"

**HPLIN 1046**



Width 10-1/4"  
Proj 2-7/8"  
Height 18"

**HTRC 144 - 16**






Width 14-1/2"  
Height 2-3/4"





## FLAT BOARDS

	Part Number	Proj.	Height	Length
	HFB 3/4x3-1/2x16	3/4"	3-1/2"	16'
	HFB 3/4x5-1/2x16	3/4"	5-1/2"	16'
	HFB 3/4x7-1/2x16	3/4"	7-1/2"	16'
	HFB 3/4x9-1/2x16	3/4"	9-1/2"	16'
	HFB 3/4x11-1/2x16	3/4"	11-1/2"	16'
	HFB 1x3-1/2x16	1"	3-1/2"	16'
	HFB 1x5-1/2x16	1"	5-1/2"	16'
	HFB 1x7-1/2x16	1"	7-1/2"	16'
	HFB 1x9-1/2x16	1"	9-1/2"	16'
	HFB 1x11-1/2x16	1"	11-1/2"	16'
	HFB 1x16x16	1"	16"	16'
	HFB 1-1/2x1-1/2x16	1-1/2"	1-1/2"	16'
	HFB 1-1/2x3-1/2x16	1-1/2"	3-1/2"	16'
	HFB 1-1/2x5-1/2x16	1-1/2"	5-1/2"	16'
	HFB 1-1/2x7-1/2x16	1-1/2"	7-1/2"	16'
	HFB 1-1/2x9-1/2x16	1-1/2"	9-1/2"	16'
	HFB 1-1/2x11-1/2x16	1-1/2"	11-1/2"	16'

\* NOTE: Custom widths and thickness available. Please contact us.

## MOLDING

### Beaded Board Wainscoting



**HMLD 1101-7-16R**

1" x 7-1/4" x 16'

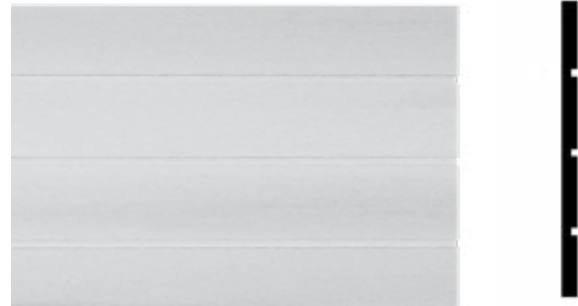
**HMLD 1101-11-16R**

1" x 11-1/2" x 16'

**HMLD 1102-16**

**Hght 19-3/4" x Proj 1" x 16'**

1/2" X 1/2" Square Grooves



\*Parts come (rabbeted) as shown to create a traditional beaded ceiling / wainscoting look.

# Moldings

**HMLD 206-12** Hght 7" x Proj 3-3/4"



**HMLD 900-8** Hght 2-5/8" x Proj 2" x 8'



**HMLD 377-16** Hght 18-3/4" x Proj 1-7/8" x 16'



**HMLD 902-5-12** Hght 4-1/4" x Proj 4" x 12'



**HMLD 378-16** Hght 6-3/8" x Proj 1-7/8" x 16'



**HMLD 1000-14** Hght 1-7/8" x Proj 1" x 14'



"BAMBOO"

**HMLD 379-16** Hght 12-3/8" x Proj 1-1/2" x 16'



**HMLD 1001-16** Hght 1-7/8" x Proj 1-3/8" x 16'



**HMLD 711-10** Hght 2-7/8" x Proj 5/8" x 10'



**HMLD 1001-1-16** Hght 2-1/8" x Proj 1-3/4" x 16'



**HMLD 721-12** Hght 9-3/8" x Proj 2-1/2" x 12'



**HMLD 1002-16** Hght 3-7/8" x Proj 3-7/8" x 16'



**HMLD 748** Hght 7" x Proj 3-3/4"



**HMLD 1002-1-16** Hght 4-1/4" x Proj 4-1/2" x 16'



## CONVERSION & CROSS-REFERENCE

Email Us Your List

# Moldings

**HMLD 1004-16** Hght 3" x Proj 2-1/4" x 16'



**HMLD 1005-8** Hght 3/4" x Proj 3/4" x 8'



**HMLD 1005-18** Hght 1-5/8" x Proj 3/4" x 8'



**HMLD 1006-16** Hght 2-3/4" x Proj 2-3/4" x 16'



**HMLD 1008-12** Hght 7/8" x Proj 2-5/8" x 12'



**HMLD 1009-16** Hght 7-3/4" x Proj 5-3/4" x 16'



**HMLD 1010-12** Hght 3" x Proj 2" x 12'



**HMLD 1011-16** Hght 16" x Proj 3-3/4" x 16'



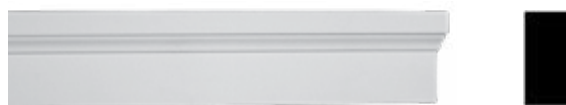
**HMLD 1012-16** Hght 2" x Proj 3/4" x 16'



**HMLD 1013-16** Hght 2" x Proj 1-1/4" x 16'



**HMLD 1014-16** Hght 2" x Proj 1-1/2" x 16'



**HMLD 1015-16** Hght 2" x Proj 2" x 16'



**HMLD 1016-18** Hght 4-1/2" x Proj 3-5/8" x 18'



**HMLD 1018-16** Hght 2-1/4" x Proj 1-1/8" x 16'



**HMLD 1019-8** Hght 10-3/4" x Proj 2" x 8'





# Moldings

**HMLD 1020-16** Hght 7-1/2" x Proj 3 - 1/2" x 16'



**HMLD 1021-16** Hght 4-1/8" x Proj 3 - 1/2" x 16'



**HMLD 1022-16** Hght 1 - 3/4" x Proj 1" x 16'



**HMLD 1023-16** Hght 3 - 1/4" x Proj 3/4" x 16'



**HMLD 1024-16** Hght 4 - 1/4" x Proj 4" x 16'



**HMLD 1025-16** Hght 1-3/8" x Proj 13/16" x 16'



**HMLD 1026-16** Hght 5 - 3/4" x Proj 1-1/8" x 16'



**HMLD 1027-16** Hght 4 - 3/4" x Proj 3-1/2" x 16'



**HMLD 1028-16** Hght 7 - 1/2" x Proj 1" x 16'



**HMLD 1029-16** Hght 5 - 1/4" x Proj 5/8" x 16'



**HMLD 1030-16** Hght 5" x Proj 7/8" x 16'



## CONVERSION & CROSS-REFERENCE

send your list

# Moldings

**HMLD 1030-1-16** Hght 5" x Proj 1-1/8" x 16'



**HMLD 1031-16** Hght 5-1/2" x Proj 1-5/8" x 16'



**HMLD 1031-1-16** Hght 5-1/2" x Proj 2" x 16'



**HMLD 1032-16** Hght 4-1/4" x Proj 1-1/2" x 16'



**HMLD 1033-16** Hght 5-1/2" x Proj 1-3/4" x 16'



**HMLD 1033-1-16** Hght 7" x Proj 1-3/4" x 16'



**HMLD 1034-16** Hght 3-1/2" x Proj 1" x 16'



**HMLD 1034-1-16** Hght 3-1/2" x Proj 1-3/4" x 16'



**HMLD 1035-16** Hght 2-1/8" x Proj 1-5/8" x 16'



**HMLD 1036-16** Hght 6-1/4" x Proj 4-3/8" x 16'



URETHANE ADHESIVE



Use Urethane Adhesive in all joints.

# Moldings

**HMLD 1037-16** Hght 3-3/8" x Proj 2-1/8" x 16'



**HMLD 1038-16** Hght 6-1/2" x Proj 4-1/2" x 16'



**HMLD 1039-16** Hght 12-3/4" x Proj 3-1/2" x 16'



**HMLD 1040-16** Hght 3-3/4" x Proj 3-3/4" x 16'



**HMLD 1041-16** Hght 4-1/4" x Proj 3-3/8" x 16'



**HMLD 1042-16** Hght 4" x Proj 3/4" x 16'



**HMLD 1042-1-16** Hght 4" x Proj 1-1/8" x 16'



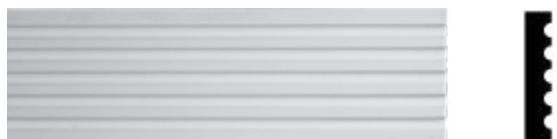
**HMLD 1043-16** Hght 3-1/2" x Proj 1-1/8" x 16'



**HMLD 1044-16** Hght 3-1/2" x Proj 1-1/8" x 16'



**HMLD 1045-16** Hght 5-1/4" x Proj 1" x 16'



**HMLD 1045-1-16** Hght 7-1/4" x Proj 1" x 16'



**ARCHES & RADIUS MOLDINGS**  
**HALF ROUND ARCHES, SEGMENT ARCHES, ELLIPTICAL ARCHES, CONCAVE & CONVEX RADIUS**

# Moldings

**CUSTOM RADIUS MOLDINGS  
CONCAVE CONVEX  
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**HMLD 1046-16** Hght 10" x Proj 2-3/4" x 16'



**HMLD 1048-16** Hght 9-1/2" x Proj 10-1/8" x 16'



**HMLD 1049-16** Hght 4-1/2" x Proj 1-1/8" x 16'



**HMLD 1050-16** Hght 3-1/2" x Proj 2-1/4" x 16'



**HMLD 1051-16** Hght 6-1/2" x Proj 3-1/2" x 16'



**HMLD 1052-8** Hght 3-3/4" x Proj 3-3/4" x 8'



**HMLD 1053-8** Hght 3/4" x Proj 3/4" x 8'



**HMLD 1054-16** Hght 5-1/4" x Proj 4" x 16'



**HMLD 1055-12** Hght 8" x Proj 5-11/16" x 12'8"



**HMLD 1056-8** Hght 1-3/4" x Proj 1-1/8" x 8'



**HMLD 1057-16** Hght 10-1/8" x Proj 9-1/2" x 16'



**HMLD 1058-16** Hght 11" x Proj 6-1/2" x 16'



**HMLD 1059-16** Hght 15-1/2" x Proj 9-1/2" x 16'



# Moldings

**HMLD 1060-16** Hght 7-3/4" x Proj 2-3/8" x 16'



**HMLD 1061-16** Hght 4" x Proj 3-5/8" x 16'



**HMLD 1062-16** Hght 3-3/8" x Proj 2-5/8" x 16'



**HMLD 1063-16** Hght 10-1/4" x Proj 5-3/8" x 16'



**HMLD 1064-12** Hght 14-3/8" x Proj 8-7/8" x 12'



**HMLD 1065-16** Hght 12-1/2" x Proj 7-1/4" x 16'



**HMLD 1066-16** Hght 9-1/8" x Proj 3-3/8" x 16'



**HMLD 1067-8** Hght 1-3/8" x Proj 11/16" x 8'



**HMLD 1068-16** Hght 5-1/4" x Proj 2-1/2" x 16'



**HMLD 1069-16** Hght 6-1/4" x Proj 3-3/4" x 16'



**HMLD 1070-16** Hght 6" x Proj 1-1/2" x 16'



\*CONTACT US FOR PITCH APPLICATIONS.

**CUSTOM MOLDINGS AVAILABLE  
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**Moldings**

**HMLD 1071-16** Hght 7" x Proj 1-1/2" x 16'



**HMLD 1071-9-16** Hght 9-1/2" x Proj 1-1/2" x 16'



**HMLD 1071-11-16** Hght 11-1/2" x Proj 1-1/2" x 16'



**HMLD 1072-16** Hght 9" x Proj 1-3/8" x 16'



**HMLD 1072-1-16** Hght 9" x Proj 1-3/4" x 16'



**HMLD 1073-16** Hght 2-3/8" x Proj 1-1/2" x 16'



**HMLD 1074-16** Hght 9-1/2" x Proj 8-3/4" x 16'



**HMLD 1075-16** Hght 5-1/2" x Proj 1-1/2" x 16'



**HMLD 1075-1-16** Hght 8-1/2" x Proj 1-1/2" x 16'



**HMLD 1076-8** Hght 2-3/8" x Proj 2-1/4" x 8'



**HMLD 1078-8** Hght 4-1/2" x Proj 1-1/2" x 8'



**HMLD 1079-8** Hght 3-3/8" x Proj 1-3/8" x 8'



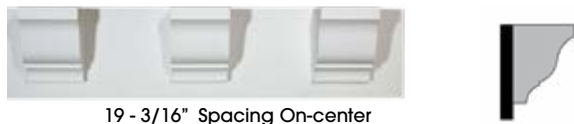
**HMLD 1080-16** Hght 14-1/2" x Proj 2-1/16" x 16"



**CONVERSION & CROSS-REFERENCE  
SEND US YOUR LIST.**

# Moldings

**HMLD 1081-8** Hght 7-1/2" x Proj 6" x 8'



19 - 3/16" Spacing On-center

\*Custom on-center spacing is available. Call for quote.

**HMLD 1082-8** Hght 9/16" x Proj 9/16" x 8'



**HMLD 1082-1-8** Hght 1-3/8" x Proj 9/16" x 8'



**HMLD 1083-12** Hght 7-1/2" x Proj 6-1/2" x 12'



**HMLD 1085-16** Hght 12" x Proj 4-1/2" x 16'



**HMLD 1090-8** Hght 2-1/2" x Proj 5/8" x 8'



**HMLD 1092-16** Hght 5-1/2" x Proj 5" x 16'



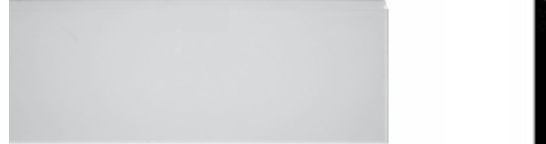
**HMLD 1098-12** Hght 10-1/4" x Proj 13-1/2" x 12'



**HMLD 1101-7-16** Hght 7-1/4" x Proj 1" X 16'



**HMLD 1101-11-1** Hght 11-1/2" x Proj 1" x 16'



USE URETHANE ADHESIVE  
IN ALL JOINTS.



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QUOTES@HAASMILLWORK.COM

# Moldings



**HMLD 1120-16** Hght 5-3/4" x Proj 2-3/8" x 16'



**HMLD 1630-16** Hght 7-1/4" x Proj 8-1/8" x 16'



**HMLD 2015-16** Hght 8" x Proj 6-7/16" x 16'



**HMLD 2019-16** Hght 3-1/4" x Proj 2-1/8" x 16'



**HMLD 2021-8** Hght 2" x Proj 1-3/8" x 8'



**HMLD 2027-12** Hght 14-3/4" x Proj 6-7/8" x 12'



**HMLD 2032-12** Hght 5-1/4" x Proj 5-1/4" x 12'



**HMLD 2041-16** Hght 5-1/4" x Proj 4-1/4" x 16'



**HMLD 2046-12** Hght 2-3/4" x Proj 2-1/2" x 12'



**HMLD 2057-12** Hght 14-1/2" x Proj 10" x 12'



**HMLD 2061-12** Hght 17" x Proj 5-1/2" x 12'



USE URETHANE ADHESIVE  
IN ALL JOINTS.



# Moldings

CONCAVE CONVEX RADIUS  
AVAILABLE  
PLEASE CONTACT US

**HMLD 2072-16** Hght 4-1/2" x Proj 1-5/8" x 16'



**HMLD 2108-16** Hght 6" x Proj 6" x 16'



**HMLD 2076-8** Hght 2-1/2" x Proj 5/8" x 8'



**HMLD 2110-16** Hght 8" x Proj 8" x 16'



**HMLD 2083-16** Hght 12" x Proj 10" x 16'



**HMLD 2116-12** Hght 9-1/4" x Proj 10" x 12'



**HMLD 2088-16** Hght 7" x Proj 5-1/2" x 16'



**HMLD 2121-16** Hght 1-1/2" x Proj 4" x 16'



**HMLD 2093-12** Hght 15-1/2" x Proj 8-1/4" x 12'



**HMLD 2122-16** Hght 10-3/4" x Proj 5-5/8" x 16'



**HMLD 2093-1-12** Hght 15-1/2" x Proj 8-1/4" x 12'



**HMLD 2130-8** Hght 1-3/4" x Proj 5/8" x 8'



**HMLD 2103-16** Hght 3" x Proj 3/4" x 16'



**HMLD 2134-12** Hght 17-3/4" x Proj 13-5/8" x 12'



# Moldings

HMLD 2139-12 Hght 1-3/4" x Proj 2-1/2" x 12'



HMLD 2308-12 Hght 5-3/8" x Proj 6" x 12'



HMLD 2152-16 Hght 8-13/16" x Proj 4-3/4" x 16'



HMLD 2309-10 Hght 4-3/8" x Proj 3/4" x 10'



HMLD 2152A-16 Hght 8-5/8" x Proj 4-3/4" x 16'



HMLD 2310-16 Hght 10" x Proj 6" x 16'



HMLD 2152B-16 Hght 2" x Proj 1" x 16'



HMLD 2311-12 Hght 12" x Proj 10" x 12'



HMLD 2157-8 Hght 1-21/32" x Proj 2-5/32" x 8'



HMLD 2312-10 Hght 5" x Proj 5" x 10'



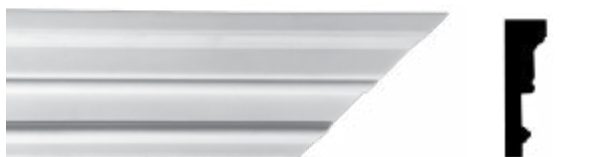
HMLD 2162-16 Hght 12" x Proj 2" x 16'



HMLD 2313-10 Hght 18" x Proj 3" x 10'



HMLD 2218-16 Hght 5-1/2" x Proj 1-3/4" x 16'



HMLD 2314-10 Hght 2-1/4" x Proj 2-1/4" x 10'





# Moldings

**HMLD 2337-16** Hght 8-3/4" x Proj 1" x 16'



**HMLD 2375-8** Hght 1-3/4" x Proj 7/8" x 8'



**HMLD 2338-8** Hght 1-1/2" x Proj 3/4" x 8'



**HMLD 2401-16** Hght 4-3/4" x Proj 5-3/4" x 16'



**HMLD 2366-8** Hght 2-3/8" x Proj 1-1/16" x 8'



**HMLD 2402-16** Hght 6-9/16" x Proj 5-1/2" x 16'



**HMLD 2369-16** Hght 7-7/8" x Proj 7-7/8" x 16'



**HMLD 2408-8** Hght 4" x Proj 3-1/4" x 8'



**HMLD 2370-10** Hght 5-7/8" x Proj 4-3/4" x 10'



**HMLD 2431-16** Hght 7" x Proj 7" x 16'



**HMLD 2371-10** Hght 4-1/4" x Proj 4-1/4" x 10'



**HMLD 2432-16** Hght 7-1/8" x Proj 5-5/8" x 16'

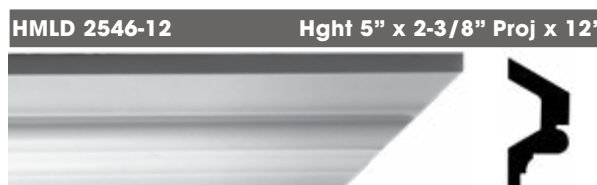


**HMLD 2374-12** Hght 8-1/4" x Proj 10-1/4" x 12'



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# Moldings



# Moldings

**HMLD 2611-16** Hght 7" x Proj 4-1/2" x 16'



**HMLD 3316-16** Hght 8-7/16" x Proj 4-3/4" x 16'



**HMLD 2693-16** Hght 1-13/16" x Proj 1-1/16" x 16'



**HMLD 3318-16** Hght 2-1/4" x Proj 3-3/4" x 16'



**HMLD 3001-8** Hght 8-1/2" x Proj 6" x 8'



**HMLD 4067-16** Hght 5-1/2" x Proj 3-7/8" x 16'



**HMLD 3025-16** Hght 2-3/8" x Proj 1" x 16'



**HMLD 4216-16** Hght 4-1/2" x Proj 2-1/2" x 16'



**HMLD 3100-16** Hght 11" x Proj 6-1/4" x 16'



**HMLD 4490-16** Hght 7-1/4" x Proj 8-1/3" x 16'



**HMLD 3025-16** Hght 7-5/8" x Proj 6-1/2" x 16'



**HMLD 6425-12** Hght 9-1/2" x Proj 4-1/2" x 11'-5"



**HMLD 3120-16** Hght 3-5/8" x Proj 1-7/8" x 8'



**HMLD 9512-12** Hght 9-3/4" x Proj 5-3/4" x 12'



# Moldings

**HMLD 1049- LP/RP- 8** Hght 4-1/2 x Proj 1-1/8" x 8'



Part Number	Part Number	Pitch
HMLD 1049-5-8L	HMLD 1049-8-5R	5/12
HMLD 1049-6-8L	HMLD 1049-8-6R	6/12
HMLD 1049-7-8L	HMLD 1049-8-7R	7/12
HMLD 1049-8-8L	HMLD 1049-8-8R	8/12
HMLD 1049-9-8L	HMLD 1049-8-9R	9/12
HMLD 1049-10-8L	HMLD 1049-8-10R	10/12
HMLD 1049-12-8L	HMLD 1049-8-12R	12/12

**HMLD 1070-LRP-8** Hght 6" x Proj 1-1/2" x 8'



Part Number	Part Number	Pitch
HMLD 1070-5-8L	HMLD 1070-8-5R	5/12
HMLD 1070-6-8L	HMLD 1070-8-6R	6/12
HMLD 1070-7-8L	HMLD 1070-8-7R	7/12
HMLD 1070-8-8L	HMLD 1070-8-8R	8/12
HMLD 1070-9-8L	HMLD 1070-8-9R	9/12
HMLD 1070-10-8L	HMLD 1070-8-10R	10/12
HMLD 1070-12-8L	HMLD 1070-8-12R	12/12

## VENTED SOFFIT Molding

- \*Other vented profiles available. Call for quote.
- Vented soffit molding comes with insect screen.

**HVSM 1009-16** Hght 10" x Proj 8" x 16'



**HVSM 1051-16** Hght 9" x Proj 5-3/8" x 16'



**HVSM 1065-16** Hght 15" x Proj 9-1/8" x 16'



**HVSM 2550-16** Hght 9-1/4" x Proj 7-5/8" x 16'



PRE-MITERED CORNERS AVAILABLE  
\*SHIPPED AS TWO PIECES LEFT AND RIGHT.  
EMAIL US

## Moldings

**ALL URETHANE MOLDINGS WILL EXPAND AND CONTRACT WITH TEMPERATURE. IT IS RECOMMENDED TO INSTALL THE MOLDINGS AS TIGHTLY AS POSSIBLE TO MINIMIZE EXPANSION AND CONTRACTION.**

- **STORAGE** - If the product is stored in a trailer, remove and allow the material to adjust to the temperature in which it is being installed. Allow the molding to adapt for at least 24 hours prior to installation.
- **CUTTING** - Urethane Millwork can be cut using the same basic methods & tools as wood.
- **JOINTS** - Butt joints on straight runs and mitered joints for corners.
- **ADHESIVE** - PL-PREMIUM urethane adhesive must be used in all joints and can help secure molding to the wall and ceiling when applied to the back of the product.
- **BLOCKING** - Install molding on a solid backing or studs 16" on center or less. Larger molding will require additional blocking.
- **FASTENERS** - Galvanized screws are the best fastener or coated ring-shank nails with a head.

### **INSTALLATION PROCEDURE:**

- Measure for the length of molding needed to fit your application and add 1/8" to the measurement and mark your molding. Ex. If your application measures 10', mark and cut your molding at 10'-1/8". If your application requires 16' add 3/16" to your measurement or approximately 1/16 inch for every 5 feet of molding.
- Fasten one side of the molding in place. Bow the center of the piece out away from the wall to allow the other end of the molding to fit in place and fasten. Push the center of the molding against the wall and secure with recommended fasteners and Urethane adhesive.
- **PAINT PREP** - Haas urethane millwork is factory primed with a high emulsion exterior paint. Fill fastener holes with painter's putty. Any joint alignment required can be performed with sand paper. Use 2-part plastic wood filler to recreate smooth surface. Follow manufactures recommendations for cure time before spot priming.
- **PAINT** - Use a 100% acrylic latex paint with a Light Reflective Value (LRV) of 55 or higher.
- For paint colors equivalent to an LRV of 54 or lower, paints specifically designed for such applications must be used.





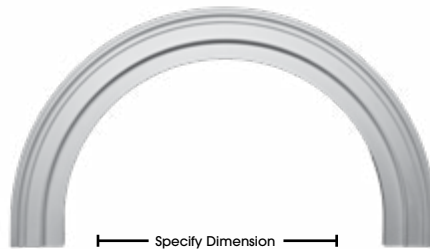
**WINDOW FEATURES**  
**ARCHES**



**CUSTOM RADIUS MOLDINGS**

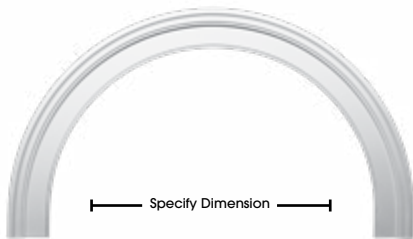
CONCAVE CONVEX RADIUS  
ARCH MOLDING AVAILABLE

**HARC 1033**



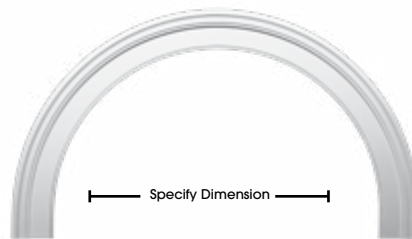
**COPED KEYSTONE - HKST 1033-C**  
Hght 5-1/2" x Proj 1-3/4"

**HARC 1031**



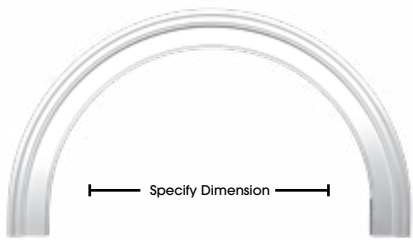
**COPED KEYSTONE - HKST 1031-C**  
Specify Dimension  
Hght 5-1/2" x Proj 1-5/8"

**HARC 1034 -1**



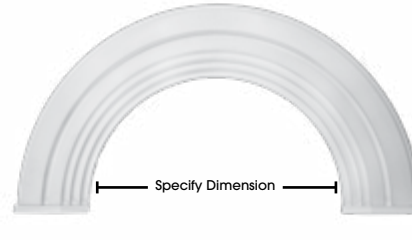
**COPED KEYSTONE - HKST 1034-1-C**  
Specify Dimension  
Hght 3-1/2" x Proj 1-3/4"

**HARC 1032**



**COPED KEYSTONE - HKST 1032-C**  
Specify Dimension  
Hght 4-1/4" x Proj 1-1/2"

**HARC 1046**

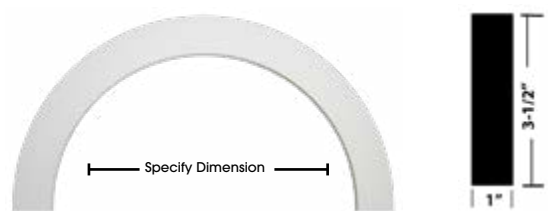


**COPED KEYSTONE - HKST 1046-C**  
Specify Dimension  
Hght 10" x Proj 2-3/4"

# WINDOW FEATURES

## ARCHES

### 3-1/2" FLAT HALF ROUND ARCHES

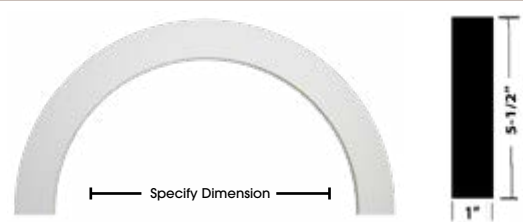


- HARC 1104** Hght 3-1/2" x Proj 1"
- HARC 1504** Hght 3-1/2" x Proj 1-1/2"
- HARC 7504** Hght 3-1/2" x Proj 3/4"

Available with Keystone - **HARC(K)**  
COPED Keystone - HKST 1104-C



### 5-1/2" Flat Half Round Arches



- HARC 1106** Hght 5-1/2" x Proj 1"
- HARC 1506** Hght 5-1/2" x Proj 1-1/2"
- HARC 7506** Hght 5-1/2" x Proj 3/4"

Available with Keystone - **HARC(K)**  
COPED Keystone - HKST 1106-C

### HARC 900



**COPED Keystone - HKST 900-C**

### HARC 901



\*Available without Keystone

### Flat Segment Arches



- HSARC 1104** Hght 3-1/2" x Proj 1"
  - HSARC 1106** Hght 5-1/2" x Proj 1"
- COPED Keystone - HKST 1104-C & 1106-C  
\* Arch with Keystone applied. HARC(K)

### HEARC 1033



**COPED Keystone - HKST 1133-C**  
Hght 5-1/2" x Proj 1-3/4"

# WINDOW FEATURES

## KEYSTONES



### PLAIN KEYSTONES

#### TO FIT MOLDING

Item No.	Height	Top Width	Bottom Width	Proj
HKST 1031	7"	5-3/4"	3-1/2"	3"
HKST 1031-1	7"	5-3/4"	3-1/2"	3-3/8"
HKST 1032	5-3/8"	5"	3"	3"
HKST 1033	7"	5-3/4"	3-1/2"	2-1/2"
HKST 1033-1	8-1/2"	5-3/4"	3"	2-1/2"
HKST 1034	5"	4-3/4"	4-1/8"	1-3/4"
HKST 1034-1	5"	4-3/4"	4-1/8"	2-1/2"
HKST 1046	11-1/2"	7-1/2"	4-1/8"	4"
HKST 1104	5"	4-3/4"	3"	2-1/2"
HKST 1106	7"	5-3/4"	3-1/2"	2-3/8"

#### TO FIT WINDOW HEADS

Item No.	Height	Top Width	Bottom Width	Proj
HKST 900	7-3/4"	8-1/8"	4-5/16"	4"
HKST 901	10-3/4"	10"	4-9/16"	4"
HKST 902	10-3/4"	10"	5-1/8"	5-1/2"
HKST 903	10-3/4"	10"	5-1/8"	5-1/2"
HKST 904	12-7/8"	11-7/8"	6"	7"
HKST 905	10-3/4"	10"	5-1/8"	5-1/2"
HKST 906	10-3/4"	10"	5-1/8"	5-1/2"
HKST 907	10"	10"	5"	3"
HKST 908	7"	5-3/4"	3-1/2"	3"
HKST 912	11-1/2"	7-1/2"	4-1/8"	4"
HKST 913	11-1/2"	7-1/2"	4-1/8"	4"
HKST 930	13-3/4"	10"	3-3/4"	5-1/2"
HKST 940	13-3/4"	10"	3-3/4"	5-1/2"



### RECESSED PANEL KEYSTONES

#### TO FIT MOLDING

Item No.	Height	Top Width	Bottom Width	Proj
HRKST 1015	3-3/16"	3-5/8"	2-1/4"	3-1/8"
HRKST 1031	6-1/2"	5-1/2"	3"	3-5/16"
HRKST 1031-1	6-1/2"	5-1/2"	3"	3-5/16"
HRKST 1033	6-1/2"	5-1/2"	3"	2-3/8"
HRKST 1034	4-5/16"	4-5/8"	3"	3-9/16"
HRKST 1034-1	4-5/16"	4-5/8"	3"	2"
HRKST 1104	4-1/4"	4-5/8"	3"	3"

#### TO FIT WINDOW HEADS

Item No.	Height	Top Width	Bottom Width	Proj
HRKST 900	7-3/4"	8-1/8"	4-5/16"	4"
HRKST 901	10-3/4"	10"	4-9/16"	4"
HRKST 902	10-3/4"	10"	5-1/8"	5-1/2"
HRKST 903	10-3/4"	10"	5-1/8"	5-1/2"
HRKST 905	10-3/4"	10"	5-1/8"	5-1/2"
HRKST 906	10-3/4"	10"	5-1/8"	5-1/2"
HRKST 936	7"	5-7/8"	4-1/8"	4"

\* COPED KEYSTONES ADD (-C) EX. HKST 1104-C

SOLID KEYSTONES ADD (-S) EX. HRKST 1104-S

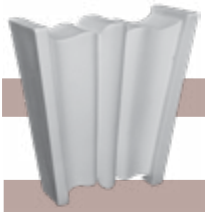


# WINDOW FEATURES

## KEYSTONES



**CUSTOM KEYSTONES AVAILABLE**  
Contact us for a quote.



### DECORATIVE KEYSTONES



#### ASTRAGAL

#### PINEAPPLE

Item No.	Height	Top Width	Bottom Width	Proj
HDKST 39	5"	4-1/2"	3"	1-5/8"
HDKST 40	8-3/4"	6-3/4"	4-3/4"	1-3/4"

Item No.	Height	Top Width	Bottom Width	Proj
HPKST 902	10-3/4"	10"	5-1/8"	5-1/2"
HPKST 102	10-3/4"	10"	5-1/8"	1"



#### RECESSED PANEL



#### LARGE SCROLL

Item No.	Height	Top Width	Bottom Width	Proj
HRKST 910	19-3/4"	15-7/8"	10"	8-1/8"

Item No.	Height	Top Width	Bottom Width	Proj
HDKST 1025	15"	11"	6-1/4"	5"



Item No.	Height	Top Width	Bottom Width	Proj
HDKST 1018	10-1/2"	14-9/16"	5"	12"

**\* COPED KEYSTONES ADD (-C) EX. HKST 1104-C**  
**SOLID KEYSTONES ADD (-S) EX. HRKST 1104-S**



# WINDOW FEATURES

## KEYSTONES WINDOW HEADS



Plain Keystone  
HKST

Recessed  
Panel Keystone  
HRKST



**HWH 900**

For Top Width  
Add 4"

**HWHK 900**



6" x 3" Window Head  
Standard Sizes 24" - 204"  
Plain Coped Keystones Loose HKST 900-C  
Recessed Panel Keystone HRKST 900-C



6" x 3" Window Head w/ Key  
Standard Sizes 24" - 204"  
Keystone Height 7-3/4"  
Custom sizes available.

**HWH 901**

For Top Width  
Add 4"

**HWHK 901**



9" x 3" Window Head  
Standard Sizes 24" - 204"  
Plain Coped Keystones Loose HKST 901-C  
Recessed Panel Keystone HRKST 901-C



9" x 3" Window Head w/ Key  
Standard Sizes 24" - 204"  
Keystone Height 10-3/4"  
Custom sizes available.

**HWH 902**

For Top Width  
Add 5-3/4"

**HWHK 902**



9" x 4" Window Head  
Standard Sizes 24" - 204"  
Plain Coped Keystones Loose HKST 902-C  
Recessed Panel Keystone HRKST 902-C



9" x 4" Window Head w/ Key  
Standard Sizes 24" - 204"  
Keystone Height 10-3/4"  
Custom sizes available.

# WINDOW FEATURES

## WINDOW HEADS

Custom Sizes Available  
Just Email Us



### HWH 903



10" x 4" Window Head  
Standard Sizes 24" - 204"  
Plain Coped Keystones Loose HKST 903-C  
Recessed Panel Keystone HRKST 903-C

For Top Width  
Add 5-3/4"

### HWHK 903



10" x 4" Window Head w/ Key  
Standard Sizes 24" - 204"  
Keystone Height 10-3/4"  
Custom sizes available.

### HWH 904



11" x 4-3/4" Window Head  
Standard Sizes 24" - 204"  
Plain Coped Keystones Loose HKST 904-C  
Recessed Panel Keystone HRKST 904-C

For Top Width  
Add 7"

### HWHK 904



11" x 4-3/4" Window Head w/ Key  
Standard Sizes 24" - 204"  
Keystone Height 12-7/8"  
Custom sizes available.

### HWH 905



13-3/4" x 4" Window Head  
Standard Sizes 24", 33-5/8", 36", 37-5/8",  
41-5/8", 43", 48", 54", 64", 68", 72", 76", 84",  
104", 108", 200".  
Plain Coped Keystones Loose HKST 905-C  
Recessed Panel Keystone HRKST 905-C

For Top Width  
Add 5-3/4"

### HWHK 905



13-3/4" x 4" Window Head w/ Key  
Standard Sizes 24", 33-5/8", 36", 37-5/8",  
41-5/8", 43", 48", 54", 64", 68", 72", 76", 84",  
104", 108", 200".  
Overall Height with Key 15-1/2"  
Custom sizes available.

# WINDOW FEATURES

## WINDOW HEADS

**HWH 906**



Height Varies x 4" Window Head

Standard Sizes 24" - 108"  
Plain Coped Keystone Loose HKST 906-C  
Recessed Panel Keystone HRKST 906-C

**Top Width  
Add 5-3/4"**

**Plain Keystone  
HKST**



**HWHK 906**



Height Varies x 4" Window Head w/ Key

Standard Sizes 24" - 108"  
Overall Height Varies  
Custom sizes available.

**HWH 907**



9" x 1-5/8" Window Head

Standard Sizes 24" - 204"  
Plain Coped Keystone Loose HKST 907-C  
Recessed Panel Keystone HRKST 907-C

**Top Width  
Add 4-13/16 "**

**HWHK 907**



9" x 1-5/8" Window Head w/ Key

Standard Sizes 24" - 204"  
Keystone Height 10"

**HWH 908**



5-1/2" x 1-5/8" Window Head

Standard Sizes 24" - 204"  
Plain Coped Keystone Loose HKST 908-C  
Recessed Panel Keystone HRKST 908-C

**Top Width  
Add 3 "**

**Recessed  
Panel Keystone  
HRKST**

**HWHK 908**



5-1/2" x 1-5/8" Window Head w/Key

Standard Sizes 24" - 204"  
Keystone Height 6-1/2"

**HWH 909**



Height Varies" x 2"  
Plain Segment Window Head

Standard Sizes 24" - 120"  
\* Custom sizes available.



**HWH 910**



Height Varies " x 2"  
Segment Sunburst Window Head

Standard Sizes 24" - 120"  
\* Custom sizes available.

# WINDOW FEATURES

## WINDOW HEADS

### HWH 911



Height Varies x 2" Proj.  
Half Round Sunburst Window Head

Standard Sizes 24" - 96"  
Custom sizes available.

Plain Half Round Window Head  
Add (-O) to Part Number  
Ex. HWH 911-O-24"

### HWH 911 DECO



Height 16" 2" Proj 32"  
Half Round Decorative Window Head

Standard Size 32"

Specify Dimension

Plain Keystone  
HKST



### HWH 912



Wing ← Specify Dimension → Wing

Height Varies x 4" Window Head

Arch Sizes up to 96"  
Standard Wing Length up to 42".  
Plain Coped Keystones Loose HKST 1046-C  
Recessed Panel Keystone HRKST 1046-C

### HWHK 912



Wing ← Specify Dimension → Wing

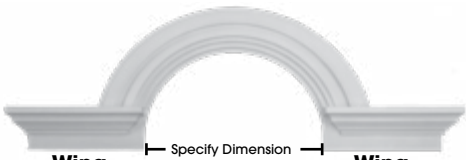
Height Varies x 5" Window Head w/ Key

Arch Sizes up to 96"  
Standard Wing Length up to 42".  
Custom Arch and Wings available.  
\* See Page 90 for Order Sheet.

Recessed  
Panel Keystone  
HRKST



### HWH 913

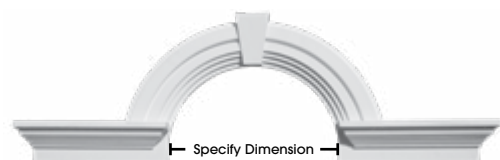


Wing ← Specify Dimension → Wing

Height Varies x 4" Window Head

Arch Sizes 24" to 96"  
Standard Wing Length up to 42".  
Plain Coped Keystones Loose HKST 1046-C  
Recessed Panel Keystone HRKST 1046-C

### HWHK 913



Wing ← Specify Dimension → Wing

Height Varies x 4" Window Head w/ Key

Arch Sizes 24" to 96"  
Standard Wing Length up to 42".  
Custom Arch and Wings available.  
\* See Page 90 for Order Sheet.

# WINDOW FEATURES

## WINDOW HEADS

**HWH 915**



Height Varies x 3" Peak Window Head

Standard Sizes 24" - 96"  
Custom sizes available.

**HWH 917**



Height Varies x 2" Window Head

Sizes up to 120"  
Contact us [quotes@haasmillwork.com](mailto:quotes@haasmillwork.com)

**Plain Keystone  
HKST**



**HWH 918**



Sizes 24" up to 96"  
Custom sizes available.

**HWH 919**



9" x 4 1/2" Window Head  
Standard Sizes 24" - 204"  
Custom sizes available.

**Recessed  
Panel Keystone  
HRKST**



**HWH 920**



Width is overall bottom measurement; wings are  
4-1/2" on either side

10-1/4" x 3-1/4" Window Head

Standard Sizes 36", 42", 45", 57", 58", 72", 85"  
Custom sizes available.

**HWH 930**



14" x 5" Window Head

Standard Sizes 24" - 204"  
Custom sizes available.

**HWH 926**



15" x 7-1/4" Window Head

Standard Sizes 36", 37-5/8", 40", 44", 48", 53"  
Custom sizes available.

**For Top Width  
Add 7-3/4"**

**HWHK 930**



14" x 5" Window Head

Standard Sizes 24" - 204"  
Custom sizes available.

**Custom window heads available.**



# WINDOW FEATURES

## WINDOW HEADS

### HWH 936



6"H x 3"P Window Head  
Standard Sizes 24" - 204"  
Custom sizes available.

Specify Dimension

Top Width  
Add 5-3/4"

Plain Keystone  
HKST



### HWHK 936



6"H x 3"P Window Head w/ Keystone  
Standard Sizes 24" - 204"  
Custom sizes available. Keystone Height 13-3/4"

Specify Dimension

### HWH 940



12" x 4" Window Head  
Standard Sizes 24" - 204"  
Plain Coped Keystones Loose HKST 940-C

Specify Dimension

Top Width  
Add 5-3/4"

Recessed  
Panel Keystone  
HRKST

### HWHK 940



12" x 4" Window Head w/ Keystone  
Standard Sizes 24" - 204"  
Keystone Height 13-3/4"

Specify Dimension

### HWH 941



13" x 4" Window Head w/ Bottom Trim  
Standard Sizes 24" - 204"  
Plain Coped Keystone Loose HKST 941-C



### HWHK 941



13" x 4" Window Head w/ Bottom Trim & Keystone  
Standard Sizes 24" - 204"  
Keystone Height 15-3/4"



Specify Dimension

Height Varies x 2-7/8" Window Head

### HWH 942

Standard Sizes up to 96"  
Plain Coped Keystones Loose HKST 1046-C  
Recessed Panel Keystone HRKST 1046-C



2-1/2" Window Head with Bottom Trim

Specify Dimension

### HWH 979

10" x 2-1/2" x Window Head with Bottom Trim  
Specify Dimension

### HWH 980

8" x 2-1/2" x Window Head with Bottom Trim  
Specify Dimension

### HWH 981

12" x 2-1/2" x Window Head with Bottom Trim  
Specify Dimension

### HWH 982

14" x 2-1/2" x Window Head with Bottom Trim  
Specify Dimension

\*Available with Keystone

**WINDOW FEATURES**

**WINDOW HEADS**

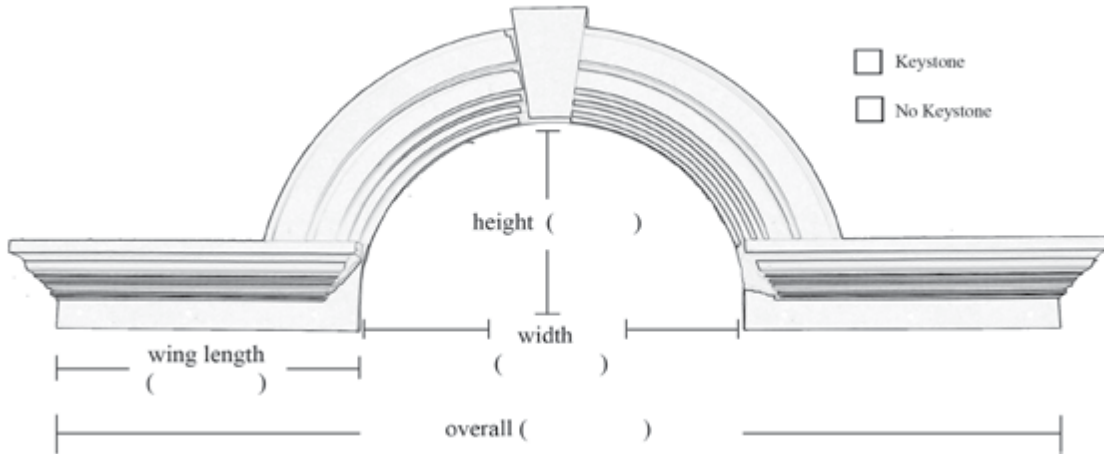
**Custom Window Head Order Sheet**  
**Fax 717-848-8407**

From: \_\_\_\_\_ Date: \_\_\_\_\_

Company: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Number of pages including cover: \_\_\_\_\_



**TO ORDER SPECIFY:**

- 1) Arch Molding - (HMLD 1046, HMLD 1033, HMLD 1033-1) \_\_\_\_\_
- 2) Arch Size - (24" up to 72" Available) \_\_\_\_\_
- 3) Keystone (K) / No Keystone \_\_\_\_\_
- 4) Wing Style - HWH 900, HWH 901, or HWH 902 \_\_\_\_\_
- 5) Wing Length - Standard Size up to 42", (43" Up Custom) \_\_\_\_\_
- 6) Arch Closed - (HWH 911 OR HWH 911-O) \_\_\_\_\_

**EXAMPLES:**

<b>With Keystone and Sunburst</b> <b>HARCK 1046-36-902-24- 911</b>	<b>Without Keystone and Sunburst</b> <b>HARC 1046-36-902-24</b>
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# WINDOW FEATURES

## DORMER PEDIMENT



**HDP**



Standard Sizes HDP 44  
Bottom Width 44" 14/12 Pitch,  
Top Width 49-3/4"  
Proj 4"  
Overall Height 33-5/16",  
Peak Height 29-1/32"  
HDP 49  
Bottom Width 49"4/12 Pitch  
Top Width 54-3/4"  
Proj 4"  
Overall Height 38-3/8"  
Peak Height 31-15/16

**HFVP**



Part No	Inside Diameter	Overall Width	Proj	Pitch
HFVP 40	40"	66-7/8"	4-1/2"	7/12

Works with Pilaster HPIL 262-8- Height

**Dormer Pilasters to fit HDP**



HPIL 280-6-68  
Width 6-3/4"  
Height 68"  
Proj 1-7/8"

**HDP-DORMER RETURN MOLDING**  
HMLD 902-5-8' , 10', 12'



## WINDOW FEATURES

### WINDOW PANELS



**1-3/8" Projection  
Raised Window Panel with Sill**



**1-1/4" Projection  
Raised Window Panel with Sill**



**1" Projection  
Raised Panel w/4" Flat Surround**

#### HWP 100

	HWP 100-13	HWP 100-18	HWP 100-26
Width	13" Height	18" Height	26" Height
<b>29 5/8"</b>	HWP 100-13x29-5/8	HWP 100-18x29-5/8	HWP 100-26x29-5/8
<b>33 5/8"</b>	HWP 100-13x33-5/8	HWP 100-18x33-5/8	HWP 100-26x33-5/8
<b>36"</b>	HWP 100-13x36	HWP 100-18x36	HWP 100-26x36
<b>37 5/8"</b>	HWP 100-13x37-5/8	HWP 100-18x37-5/8	HWP 100-26x37-5/8
<b>41 5/8"</b>	HWP 100-13x41-5/8	HWP 100-18x41-5/8	HWP 100-26x41-5/8
<b>42"</b>	HWP 100-13x42	HWP 100-18x42	HWP 100-26x42
<b>44"</b>	HWP 100-13x44	HWP 100-18x44	HWP 100-26x44
<b>52"</b>	HWP 100-13x52	HWP 100-18x52	HWP 100-26x52
<b>72"</b>	HWP 100-13x72	HWP 100-18x72	HWP 100-26x72

#### HWP 200

	HWP 200-13	HWP 200-18	HWP 200-26
Width	13" Height	18" Height	26" Height
<b>29 5/8"</b>	HWP 200-13x29-5/8	HWP 200-18x29-5/8	HWP 200-26x29-5/8
<b>33 5/8"</b>	HWP 200-13x33-5/8	HWP 200-18x33-5/8	HWP 200-26x33-5/8
<b>36"</b>	HWP 200-13x36	HWP 200-18x36	HWP 200-26x36
<b>37 5/8"</b>	HWP 200-13x37-5/8	HWP 200-18x37-5/8	HWP 200-26x37-5/8
<b>41 5/8"</b>	HWP 200-13x41-5/8	HWP 200-18x41-5/8	HWP 200-26x41-5/8
<b>42"</b>	HWP 200-13x42	HWP 200-18x42	HWP 200-26x42
<b>44"</b>	HWP 200-13x44	HWP 200-18x44	HWP 200-26x44
<b>52"</b>	HWP 200-13x52	HWP 200-18x52	HWP 200-26x52
<b>72"</b>	HWP 200-13x72	HWP 200-18x72	HWP 200-26x72

#### HWP 300

HWP 300-18	HWP 300-22	HWP 300-27	HWP 300-30
18" Height	22" Height	27" Height	30" Height
HWP 300-18x45	HWP 300-22x36	HWP 300-27x70	HWP 300-30x36
	HWP 300-22x40	HWP 300-27x93	HWP 300-30x54
HWP 300-24			
HWP 300-24x40			

CUSTOM SIZES AVAILABLE

# WINDOW FEATURES

## SHUTTERS

**HLS**                      **HPS**



Louver Shutter



Panel Shutter

**\*All shutters sold as pairs.**

**HBBS**



**BOARD & BATON SHUTTER**

Part No.	Width	Height	Proj
HBBS 22x76	22"	76"	1-1/2"



**2-PANEL LOUVER SHUTTER**

Part No.	W	H	Proj
HLS 14x51	14"	51"	1-1/8"
HLS 14x63	14"	63"	1-1/8"
HLS 14x67	14"	67"	1-1/8"
HLS 14x75	14"	75"	1-1/8"
HLS 15x48	15"	48"	1-1/8"
HLS 15x72	15"	72"	1-1/8"
HLS 17x72	17"	72"	1-1/8"
HLS 18x59	18"	59"	1-1/8"
HLS 18x64	18"	64"	1-1/8"
HLS 18x72	18"	72"	1-1/8"
HLS 18x76	18"	76"	1-1/8"
HLS 18x96	18"	96"	1-1/8"
HLS 20x72	20"	72"	1-1/8"
HLS 20x77	20"	77"	1-1/8"
HLS 20x84	20"	84"	1-1/8"
HLS 20x96	20"	96"	1-1/8"
HLS 24x63	24"	63"	1-1/8"
HLS 24x72	24"	76"	1-1/8"
HLS 26x63	20"	63"	1-1/8"

**SINGLE PANEL LOUVER SHUTTER**

Part No.	W	H	Proj
HLS-1 33x79	33"	74-1/2"	1-1/8"

**RAISED PANEL SHUTTER**

Part No.	W	H	Proj
HPS 16x55	16"	55"	1-1/8"
HPS 16x67	16"	71"	1-1/8"
HPS 16x71	16"	71"	1-1/8"
HPS 16x84	16"	84"	1-1/8"
HPS 18x72	18"	72"	1-1/8"



# CEILING MEDALLIONS



HCM 11-30



30"

HCM 22



34"

HCM 1225-25



25-1/2"

HCM 6000-31



1-1/2" x 31-1/4"

HCM 6010-30



1-5/8" x 30"

HCM 6018



1-3/8" x 18"



# CEILING MEDALLIONS

HCM 2002-14



1-1/2" x 14-1/2"

Flower Medallion with Distressed Finish

HCM 2003-14



1-1/4" x 14"

HCM 2024-18 / HCM 2024-25



1-3/4" x 18" / 1-3/4" x 24-1/2"

HCM 2025-28



2-3/4" x 27-3/4"

HCM 2026-24



1-1/8" x 23-7/8"

HCM 2030-31



1-1/8" x 31"

HCM 3324-24



1-1/8" x 23-7/8"

HCM 5021-24 / HCM 5021-31



2-3/4" x 24" / 2-3/4" x 31"

HCM 5030-37



2-1/2" x 37"

# CEILING MEDALLIONS

HCM-14



OVAL TULIP 20" x 35-1/2"

HCM-15



GEORGIAN MANOR 36"

HCM-10



NANTUCKET 29-1/2"

HCM-12



SATINIQUE 30"

HCM-9



TULIP 28"

HCM-8



MAJESTIC GARDEN 26"

HCM-7



WHITE HOUSE 26-1/2"

HCM-11



LARGE ACANTHUS 30-3/4"

HCM-6



CLASSIC SHELL 20-1/4"

# CEILING MEDALLIONS

HCM-1225



FLORAL TRELLIS 25-1/2"

HCM-8016



MARQUETTE 17-1/4"

HCM-19



SANTA MARIA 16-3/4"

HCM-5



SMALL ACANTHUS 20"

HCM- 1220



WILLIAMSBURG 25"

HCM-3



ROSETTE 16-1/2"

HCM-2



CHATEAU 15"

HCM-1,18,4



DUPONT HOUSE 1-12", 18-30", 4-18"

HCM-23



FLORAL CANOPY 11"



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