

# BERTHA HV<sup>®</sup> ACCORDION SHUTTER - BLADE 3

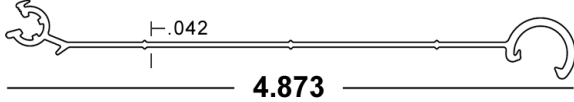
Code Approvals: FBC (non-HVHZ), FBC (HVHZ)

## BERTHA HV<sup>®</sup> BLADE #3

41-COLOR-4100 x 18'

Available in *White (WH)*, *Ivory (IV)*, *Bronze (MB)* and *Beige (BG)*

**CLOSEOUT!**

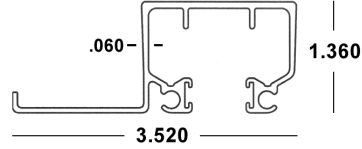


Covered under US Patents #5,458,179; #6,779,582

## BERTHA HV<sup>®</sup> CEILING HEADER #1 x 20'

41-COLOR-424 (4 Pcs.)

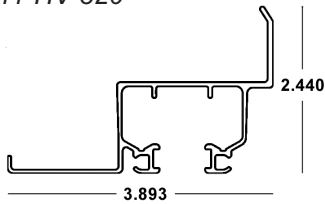
Available in *White (WH)*, *Ivory (IV)*, *Bronze (MB)* and *Beige (BG)*  
Felt: 41-HV-320



## BERTHA HV<sup>®</sup> (3) 3/8" BUILD OUT TRACK x 20'

41-COLOR-462

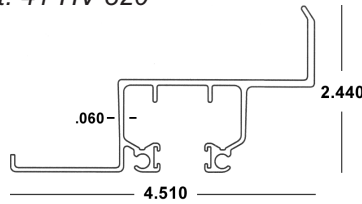
Available in *White (WH)*, *Ivory (IV)*, *Bronze (MB)* and *Beige (BG)*  
Felt: 41-HV-320



## BERTHA HV<sup>®</sup> 1" BUILD OUT TRACK x 20'

41-COLOR-426

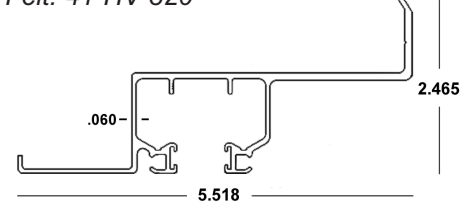
Available in *White (WH)*, *Ivory (IV)*, *Bronze (MB)* and *Beige (BG)*  
Felt: 41-HV-320



## BERTHA HV<sup>®</sup> (3) 2" BUILD OUT TRACK x 20'

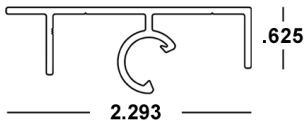
41-COLOR-468

Available in *White (WH)*, *Ivory (IV)*, *Bronze (MB)* and *Beige (BG)*  
Felt: 41-HV-320



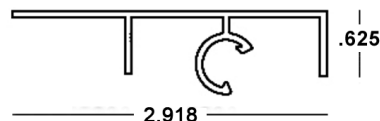
## BERTHA HV<sup>®</sup> (3) 3/8" DIRECT MOUNT x 20' 41-COLOR-466

Available in *White (WH)*, *Ivory (IV)*, *Bronze (MB)* and *Beige (BG)*



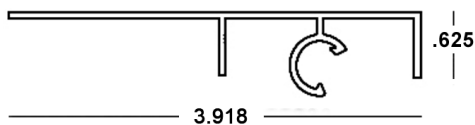
## BERTHA HV<sup>®</sup> (3) 1" DIRECT MOUNT x 20' 41-COLOR-465

Available in *White (WH)*, *Ivory (IV)*, *Bronze (MB)* and *Beige (BG)*



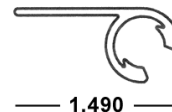
## BERTHA HV<sup>®</sup> (3) 2" DIRECT MOUNT x 20' 41-COLOR-469

Available in *White (WH)*, *Ivory (IV)*, *Bronze (MB)* and *Beige (BG)*



## BERTHA HV<sup>®</sup> 90/180 STARTER x 20'

41-COLOR-415  
Available in *White (WH)*, *Ivory (IV)*, *Bronze (MB)* and *Beige (BG)*



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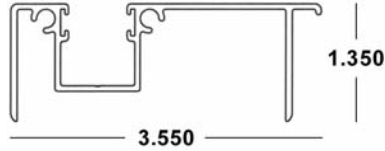
**e-mail:** [info@EasternMetal.com](mailto:info@EasternMetal.com)

**version:** 01/09/19

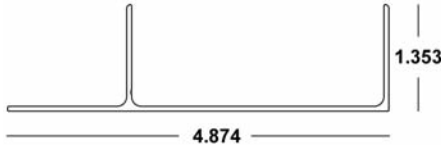
# BERTHA HV<sup>®</sup> ACCORDION SHUTTER - BLADE 3

Code Approvals: FBC (non-HVHZ), FBC (HVHZ)

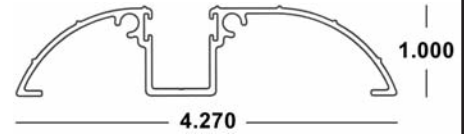
**BERTHA HV<sup>®</sup> ADJ TRACK  
w/FELT x 20'**  
41-COLOR-423 (6 Pcs.)  
Available in White (WH), Ivory (IV),  
Bronze (MB) and Beige (BG)  
Felt: 41-HV-320



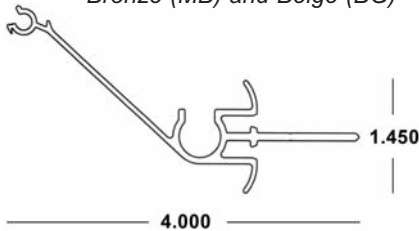
**BERTHA HV<sup>®</sup> (3) SILL  
ADAPTOR W/LIP x 20'**  
41-COLOR-464  
Available in White (WH), Ivory (IV),  
Bronze (MB) and Beige (BG)



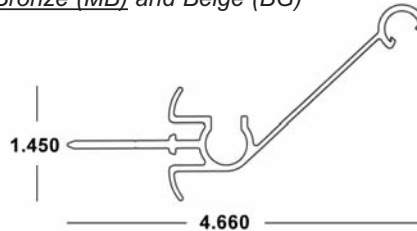
**BERTHA HV<sup>®</sup> WALKOVER  
TRACK x 20'**  
41-COLOR-440 (6 Pcs.)  
Available in White (WH), Ivory (IV),  
Bronze (MB) and Beige (BG)  
Felt: 41-HV-320  
Accepts Vinyl Inserts (p15)



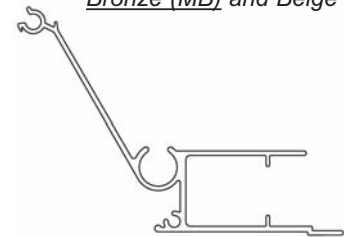
**BERTHA HV<sup>®</sup> CENTERMATE  
#1 X 20' Self Mating**  
41-COLOR-421 (6 Pcs.)  
Available in White (WH), Ivory (IV),  
Bronze (MB) and Beige (BG)



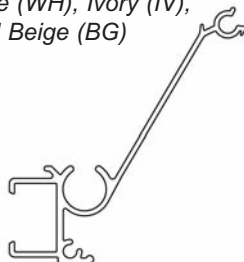
**BERTHA HV<sup>®</sup> FLOATING  
CENTERMATE #2 X 20'**  
41-COLOR-422 (4 Pcs.)  
Available in White (WH), Ivory (IV),  
Bronze (MB) and Beige (BG)



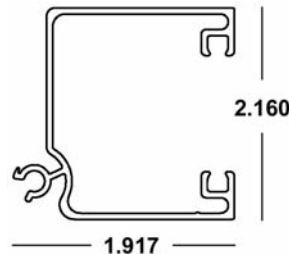
**BERTHA HV<sup>®</sup> FEMALE  
T LOCK x 20'**  
41-COLOR-438 (4 Pcs.)  
Available in White (WH), Ivory (IV),  
Bronze (MB) and Beige (BG)



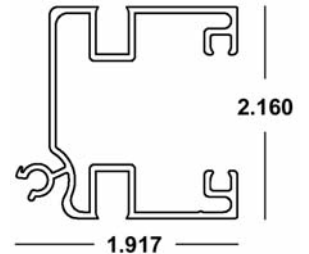
**BERTHA HV<sup>®</sup> MALE  
T LOCK x 20'**  
41-COLOR-437 (4 Pcs.)  
Available in White (WH), Ivory (IV),  
Bronze (MB) and Beige (BG)



**BERTHA HV<sup>®</sup> HD<sup>™</sup>  
CENTERMATE w/o RODS x 20'**  
41-COLOR-439  
Available in  
White (WH)  
Ivory (IV)  
Bronze (MB)  
Beige (BG)



**BERTHA HV<sup>®</sup> HD<sup>™</sup>  
CENTERMATE WITH RODS x 20'**  
41-COLOR-435  
Available in  
White (WH)  
Ivory (IV)  
Bronze (MB)  
Beige (BG)



**BERTHA HV<sup>®</sup> HD<sup>™</sup>  
INSERT x 20'**  
41-COLOR-436  
Available in White (WH),  
Ivory (IV), Bronze (MB)  
and Beige (BG)



Mates with BERTHA  
HV<sup>®</sup> HD<sup>™</sup> Centermates

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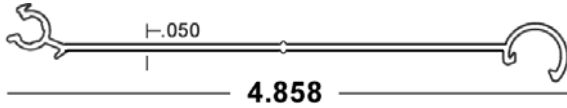
**version:** 08/16/16

# BERTHA HV<sup>®</sup> ACCORDION SHUTTER - BLADES 1 & 2

Code Approvals: FBC (non-HVHZ), FBC (HVHZ), TDI, IBC/IRC

## BERTHA HV<sup>®</sup> BLADE #1

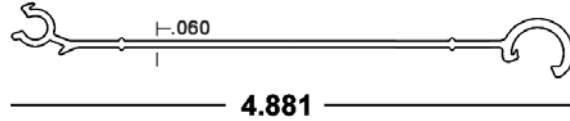
41-COLOR-400 x 14' 6" (10 Pcs/Sub)  
 41-COLOR-405 x 16' 6" (120 Pcs/Master)  
 41-COLOR-410 x 18'  
 Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



Covered under US Patents #5,458,179; #6,779,582

## BERTHA HV<sup>®</sup> BLADE #2

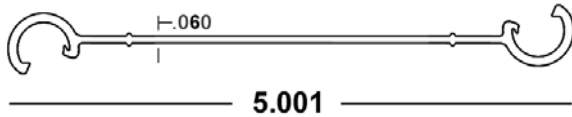
41-COLOR-406 x 16' 6" (10 Pcs/Sub)  
 41-COLOR-411 x 18' (120 Pcs/Master)  
 Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



Covered under US Patents #5,458,179; #6,779,582

## BERTHA HV<sup>®</sup> UNIVERSAL FLOATER

41-COLOR-450 x 18' (10 Pcs/Sub)  
 Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



## TRACK FELT ROLL x 2000' (.320/.270)

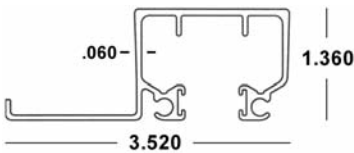
41-HV-320 Black Felt Roll



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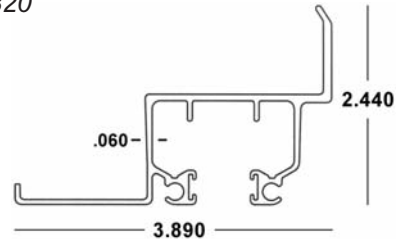
## BERTHA HV<sup>®</sup> CEILING HEADER #1 x 20'

41-COLOR-424 (4 Pcs.)  
 Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)  
 Felt: 41-HV-320



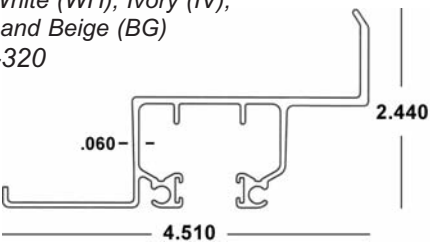
## BERTHA HV<sup>®</sup> 3/8" BUILD OUT HEADER #1 x 20'

41-COLOR-425 (4 Pcs.)  
 Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)  
 Felt: 41-HV-320



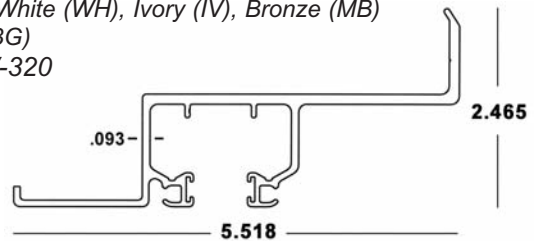
## BERTHA HV<sup>®</sup> 1" BUILD OUT HEADER #1 x 20'

41-COLOR-426 (4 Pcs.)  
 Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)  
 Felt: 41-HV-320



## BERTHA HV<sup>®</sup> 2" BUILD OUT HEADER #1 x 20'

41-COLOR-433  
 Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)  
 Felt: 41-HV-320



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**version:** 08/16/16

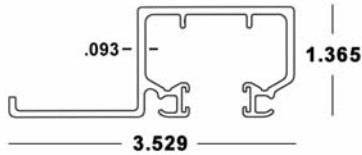
# BERTHA HV<sup>®</sup> ACCORDION SHUTTER - BLADES 1 & 2

Code Approvals: FBC (non-HVHZ), FBC (HVHZ), TDI, IBC/IRC

## BERTHA HV<sup>®</sup> HD CEILING HEADER #2 x 20'

41-COLOR-430 (4 Pcs.)

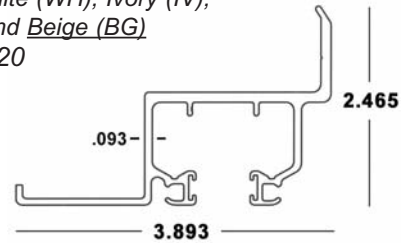
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)  
Felt: 41-HV-320



## BERTHA HV<sup>®</sup> HD 3/8" BUILD OUT HEADER #2 x 20'

41-COLOR-431 (4 Pcs.)

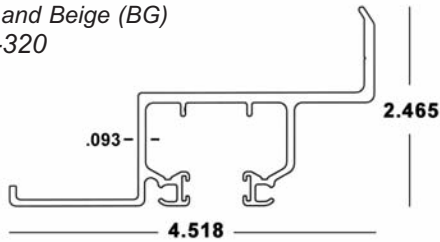
Available in White (WH), Ivory (IV),  
Bronze (MB) and Beige (BG)  
Felt: 41-HV-320



## BERTHA HV<sup>®</sup> HD 1" BUILD OUT HEADER #2 x 20'

41-COLOR-432 (4 Pcs.)

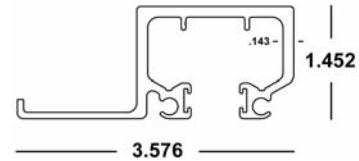
Available in White (WH), Ivory (IV),  
Bronze (MB) and Beige (BG)  
Felt: 41-HV-320



## BERTHA HV<sup>®</sup> SHD<sup>™</sup> CEILING HEADER x 20'

41-COLOR-470 (10 Pcs.)

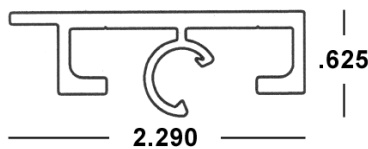
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)  
Felt: 41-HV-320



## BERTHA HV<sup>®</sup> 3/8" DIRECT MOUNT STARTER x 20'

41-COLOR-427 (4 Pcs.)

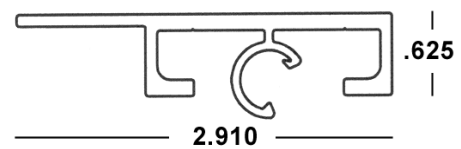
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



## BERTHA HV<sup>®</sup> 1" DIRECT MOUNT STARTER x 20'

41-COLOR-428 (6 Pcs.)

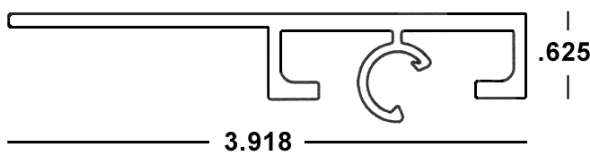
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



## BERTHA HV<sup>®</sup> 2" DIRECT MOUNT STARTER x 20'

41-COLOR-434 (6 Pcs.)

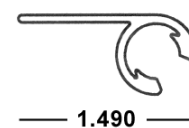
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



## BERTHA HV<sup>®</sup> 90/180 STARTER x 20'

41-COLOR-415 (14 Pcs.)

Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



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**version:** 08/16/16

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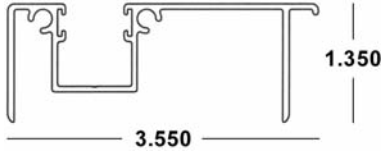
Code Approvals: FBC (non-HVHZ), FBC (HVHZ), TDI, IBC/IRC

## BERTHA HV<sup>®</sup> ADJ TRACK w/FELT x 20'

41-COLOR-423 (6 Pcs.)

Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)

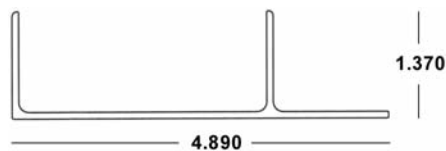
Felt: 41-HV-320



## BERTHA HV<sup>®</sup> SILL ADAPTOR W/LIP x 20'

90-COLOR-012 (6 Pcs.)

Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



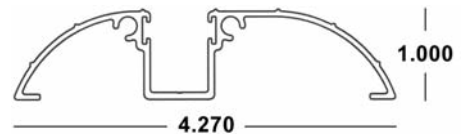
## BERTHA HV<sup>®</sup> WALKOVER TRACK x 20'

41-COLOR-440 (6 Pcs.)

Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)

Felt: 41-HV-320

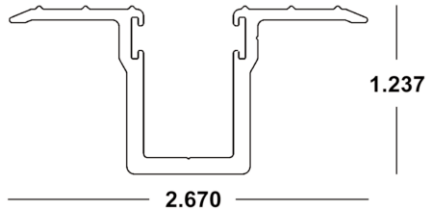
Accepts Vinyl Inserts (p15)



## BERTHA HV<sup>®</sup> ANODIZED TRENCH TRACK x 20'

41-63-437 Silver Anodized

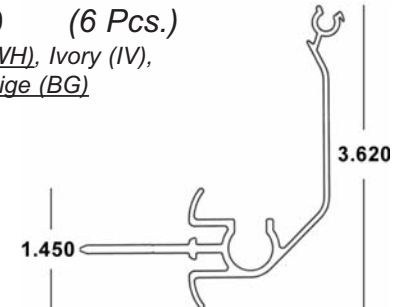
Felt: 41-HV-320



## BERTHA HV<sup>®</sup> CORNER CENTERMATE #3 X 20'

41-COLOR-429 (6 Pcs.)

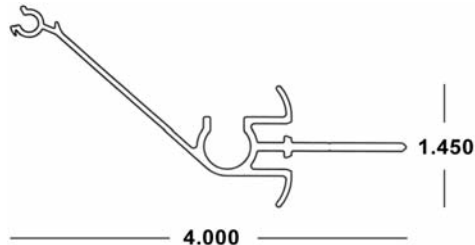
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



## BERTHA HV<sup>®</sup> CENTERMATE #1 X 20'

41-COLOR-421 (6 Pcs.) Self Mating

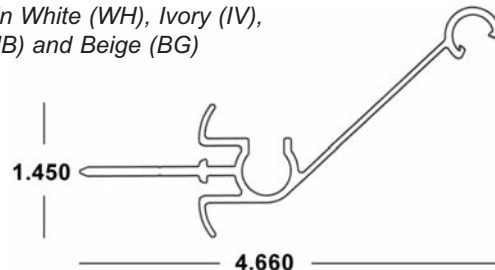
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



## BERTHA HV<sup>®</sup> FLOATING CENTERMATE #2 X 20'

41-COLOR-422 (4 Pcs.)

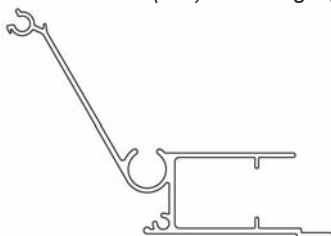
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



## BERTHA HV<sup>®</sup> FEMALE T LOCK x 20'

41-COLOR-438 (4 Pcs.)

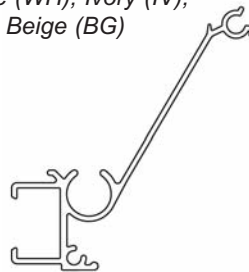
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



## BERTHA HV<sup>®</sup> MALE T LOCK x 20'

41-COLOR-437 (4 Pcs.)

Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



## BERTHA HV<sup>®</sup> J-CLIP

52-63-4159F for T-Handle Lock

MF with pretreat; 4" x 2.75" x .125"

1/4" hole

100 pc/box



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Hurricane 14



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**version:** 08/16/16

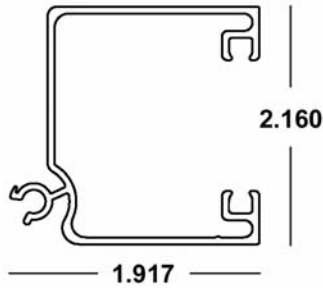


# BERTHA HV<sup>®</sup> ACCORDION SHUTTER - BLADES 1 & 2

Code Approvals: FBC (non-HVHZ), FBC (HVHZ), TDI, IBC/IRC

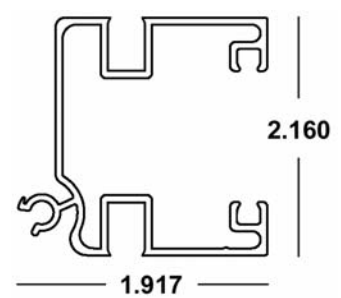
## BERTHA HV<sup>®</sup> HD<sup>™</sup> CENTERMATE WITHOUT RODS x 20'

41-COLOR-439  
Available in White (WH),  
Ivory (IV), Bronze (MB)  
and Beige (BG)



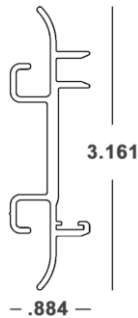
## BERTHA HV<sup>®</sup> HD<sup>™</sup> CENTERMATE WITH RODS x 20'

41-COLOR-435  
Available in White (WH),  
Ivory (IV), Bronze (MB)  
and Beige (BG)



## BERTHA HV<sup>®</sup> HD<sup>™</sup> INSERT x 20'

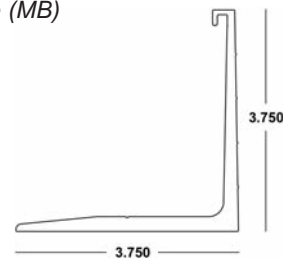
41-COLOR-436  
Available in White (WH),  
Ivory (IV), Bronze (MB)  
and Beige (BG)



Mates with BERTHA  
HV<sup>®</sup> HD<sup>™</sup> Centermates

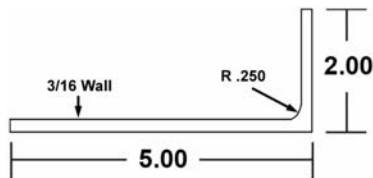
## BERTHA HV<sup>®</sup> RAINGUARD x 17'

41-COLOR-460 (10 Pcs.)  
Available in White (WH),  
Ivory (IV), Bronze (MB)  
and Beige (BG)



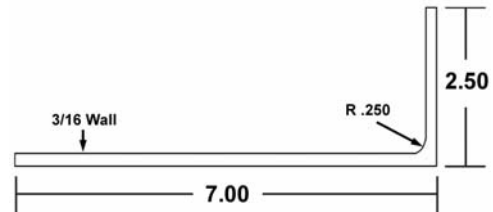
## BERTHA HV<sup>®</sup> BUILD-OUT ANGLE x 20'

2 x 5 x .190 x 20' With Inside Radius  
11-COLOR-413 6063-T6  
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



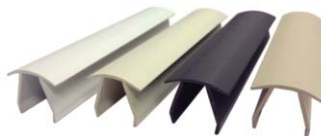
## BERTHA HV<sup>®</sup> BUILD-OUT ANGLE x 20'

2-1/2 x 7 x .190 x 20' With Inside Radius  
11-COLOR-420 6063-T6  
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



## BERTHA HV<sup>®</sup> VINYL INSERTS

Mates with Walkover Track 41-COLOR-440  
41-WH-Insert2 White x 8'  
41-IV-Insert2 Ivory x 8'  
41-MB-Insert2 Bronze x 8'  
41-BG-Insert2 Beige x 8'  
41-BK-Insert Black x 12'



Bagged Sample  
41-INSERT-RING

## BERTHA HV<sup>®</sup> COMBO BLADE LABEL LABEL-3 (250 per Roll)

Warning:  
During periods of hurricane warnings, home-owner, tenant or others must properly close all BERTHA HV<sup>®</sup> & HD centermates and engage or lock all BERTHA HV<sup>®</sup> & HD locks.

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Hurricane 15



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**version:** 08/16/16

# BERTHA HV<sup>®</sup> ACCORDION WINDOW

Code Approvals: FBC (non-HVHZ), FBC (HVHZ)

## HV<sup>®</sup> WINDOW PUNCH

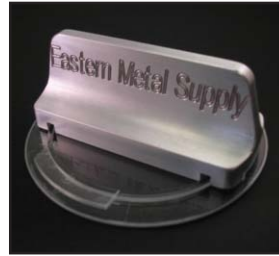
SPECIAL ORDER

HVPUNCH



## HV<sup>®</sup> WINDOW HAND TOOL

HV-TOOL



## BERTHA HV<sup>®</sup> ACCORDION WINDOW

41-HV-WINDOW

Patent Pending



## 3 HOLES - HV<sup>®</sup> BLADE # 1 X 6'

Punched Window 3 Holes

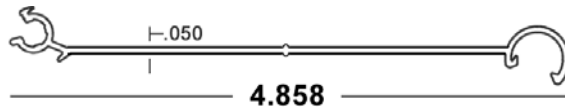
41-COLOR-72P3

Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)

3" Diameter Viewports on Blade (3 each)

30-1/4" End of Blade to centerline of first opening

Spacing @ 5-3/4" On Center



## 3 HOLES - HV<sup>®</sup> BLADE # 1 X 8'

Punched Window 3 Holes

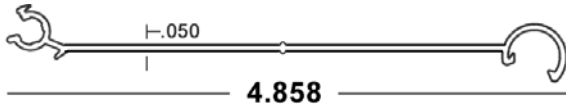
41-COLOR-96P3

Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)

3" Diameter Viewports on Blade (3 each)

42-1/2" End of Blade to centerline of first opening

Spacing @ 5-3/4" On Center



## 5 HOLES - HV<sup>®</sup> BLADE # 1 X 8'

Punched Window 5 Holes

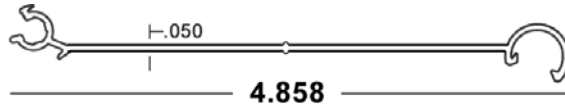
41-COLOR-96P5

Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)

3" Diameter Viewports on Blade (5 each)

36-1/2" End of Blade to centerline of first opening

Spacing @ 5-3/4" On Center



## HVPUNCH-1 (Pic at right:)

Top Row Components Left to Right:

Base Die, 3/4" Socket, 3/4" Metal & Teflon Washers, 3/4" Compression Bolt

Center Row Components Left to Right:

Slug Knockout Tool, HV Hand Tool,

Bottom Row Components Left to Right:

Cutting Die w/ Thrust Bearing, 1" Hole Saw

Far right pic: HVPUNCH-1 in case



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# BERTHA HV<sup>®</sup> ACCORDION SHUTTER SAMPLES

## BERTHA HV<sup>®</sup> ACCORDION KIT

### HV-KIT

Includes Mini Sample;  
Boxed 6" HV Blade 1  
Components



### SPECIAL ORDER HV-KIT3

Includes Mini Sample;  
Boxed 6" HV Blade 3  
Components

## BERTHA HV<sup>®</sup> CENTERMATE SAMPLE

### HV-SAMPLE

17" x 30"

Top Track:  
1" Build-Out Header

Bottom Track:  
Walkover

Centermate:  
BERTHA HV<sup>®</sup> Centermate



## BERTHA HV<sup>®</sup> "HEAVY DUTY" CENTERMATE SAMPLE

### HD-SAMPLE

17" x 30"

Top Track:  
1" Build-Out Header

Bottom Track:  
Walkover

Centermate:  
"HD" Centermate



## BERTHA HV<sup>®</sup> "T-LOCK" CENTERMATE SAMPLE

### SPECIAL ORDER

17" x 30"

### HT-SAMPLE

Top Track:  
1" Build-Out Header

Bottom Track:  
Walkover

Centermate:  
"T Lock" Centermate



# BERTHA HV<sup>®</sup> ACCORDION SHUTTER RADIUS TRACK

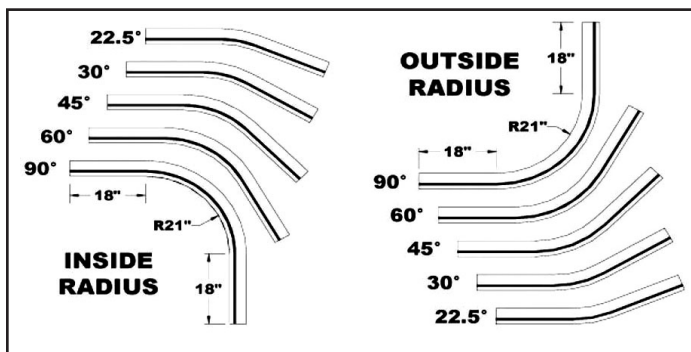
## HV<sup>®</sup> Accordion Shutter Radius Track

IN STOCK - HD Tracks Ceiling/Ceiling

<u>52-COLOR-145</u>	(Inside/HD) 45°	Color*
<u>52-WH-190</u>	(Inside/HD) 90°	White
<u>52-MB-190</u>	(Inside/HD) 90°	Bronze

\*Available in White (WH), Ivory (IV), Beige (BG) and Bronze (MB)

Ideal for Large Balconies or Bay Windows  
Covered under US Patents 5458179 and 6779585



SPECIAL ORDER - Call for more information

**Custom Sizes & Lengths are Also Available**

Available for HD<sup>™</sup> Tracks and SHD<sup>™</sup> Tracks (High Rise)

Track	Radius		HD Tracks Ceiling/Ceiling	Ceiling/Sill/Adaptor
HD	Inside	22.5°	52-COLOR-122	52-COLOR-522
HD	Inside	30°	52-COLOR-130	52-COLOR-530
HD	Inside	45°	52-COLOR-145	52-COLOR-545
HD	Inside	60°	52-COLOR-160	52-COLOR-560
HD	Inside	90°	52-COLOR-190	52-COLOR-590
HD	Outside	22.5°	52-COLOR-222	52-COLOR-622
HD	Outside	30°	52-COLOR-230	52-COLOR-630
HD	Outside	45°	52-COLOR-245	52-COLOR-645
HD	Outside	60°	52-COLOR-260	52-COLOR-660
HD	Outside	90°	52-COLOR-290	52-COLOR-690
SHD	Inside	22.5°	52-COLOR-322	52-COLOR-722
SHD	Inside	30°	52-COLOR-330	52-COLOR-730
SHD	Inside	45°	52-COLOR-345	52-COLOR-760
SHD	Inside	60°	52-COLOR-360	52-COLOR-772
SHD	Inside	90°	52-COLOR-390	52-COLOR-730
SHD	Outside	22.5°	52-COLOR-422	52-COLOR-822
SHD	Outside	30°	52-COLOR-430	52-COLOR-830
SHD	Outside	45°	52-COLOR-445	52-COLOR-845
SHD	Outside	60°	52-COLOR-460	52-COLOR-860
SHD	Outside	90°	52-COLOR-490	52-COLOR-890

Price per Set      2 pc set - Sold in sets only      3 pc set - Sold in sets only

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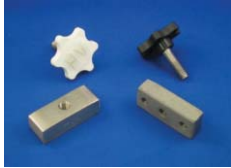






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**\*\*\*To Order Accordion Components Contact ALL POINTS Directly\*\*\*  
1-800-226-5555 • [info@allpointsscrew.com](mailto:info@allpointsscrew.com)**

<p><b>HV Accordion Screws</b> 14D275TUW4/HV 14 x 2-3/4" Long 14D175TUW4/HV 14 x 1-3/4" Long 10N275TUW4/HV 10 x 2-3/4" Long</p> 	<p><b>HV Bushings</b> boxes of 100 /HVLONG1 Long White /HVLONG2 Long Black /HVSHORT1 Short White /HVSHORT2 Short Black /HVHAT1 Hat White Only</p> 	<p><b>HV Wheel Carriage</b> /WC10</p> 
<p><b>HV Push Button Lock</b> /LOHVBE Beige /LOHVBZ Bronze /LOHVIV Ivory /LOHVWH White</p> 	<p><b>HV Egress Lock</b> /LOHVTT/WH White /LOHVTT/BZ Bronze /LOHVTT/BE Beige /LOHVTT/IV Ivory /LOHVTT (cylinder only)</p> 	<p><b>HV Saltwater Lock &amp; HV Thumbscrews</b> /HVPLATE - Stainless Steel Plate /31C100MTPB/HV - Black Thumbscrew /31C100MTPW/HV - White Thumbscrew</p> 
<p><b>HD Lock</b> /LOHRHB Hook Bolt Mortise Lock -SS /LOBRCL Key cylinder - Brass/SS /LOBRTT Thumb turn cylinder - brass/SS</p> 	<p><b>HV T-Handle Lock with J-Clip</b> /LOWH White /LOBZ Bronze /LOIV Ivory /LOBE Beige</p> 	<p><b>HV Locking Pins</b> Please specify 1/4-20 or 3/8-16 thumbscrew. Also specify Stainless Steel or Nylon thumbscrew</p> 
<p><b>HV Snap Track</b> /ECSC</p> 	<p><b>HV Holdback Clip</b> /HVCLIPBZ - Black /HVCLIPWH - White</p> 	<p><b>HV 3/8 X 3/4 Acetel<sup>®</sup> Thumb Screw</b> /37C75MTSN White /37C75MTSNB Black please specify white or black</p> 

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