

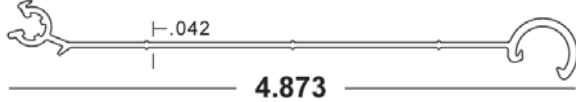
BERTHA HV[®] ACCORDION SHUTTER - BLADE 3

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

BERTHA HV[®] BLADE #3

41-COLOR-4000 x 14' 6" (10 Pcs/Sub)
 41-COLOR-4055 x 16' 6" (120 Pcs/Master)
 41-COLOR-4100 x 18'

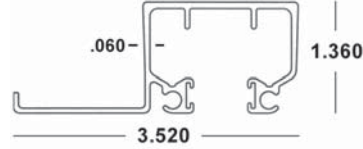
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



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

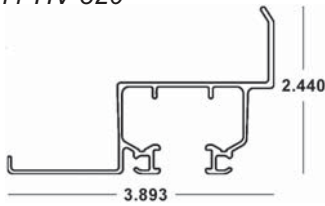
BERTHA HV[®] CEILING HEADER #1 x 20'

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



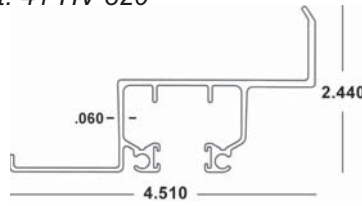
BERTHA HV[®] (3) 3/8" BUILD OUT TRACK x 20'

41-COLOR-462
 Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)
 Felt: 41-HV-320



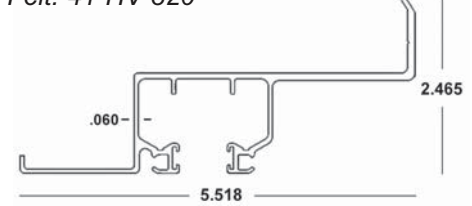
BERTHA HV[®] 1" BUILD OUT TRACK x 20'

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



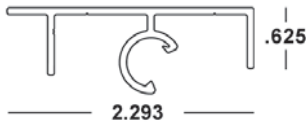
BERTHA HV[®] (3) 2" BUILD OUT TRACK x 20'

41-COLOR-468
 Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)
 Felt: 41-HV-320



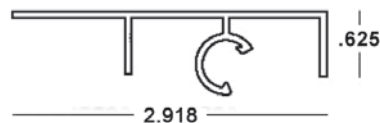
BERTHA HV[®] (3) 3/8" DIRECT MOUNT x 20'

41-COLOR-466
 Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



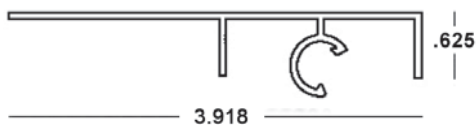
BERTHA HV[®] (3) 1" DIRECT MOUNT x 20'

41-COLOR-465
 Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



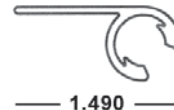
BERTHA HV[®] (3) 2" DIRECT MOUNT x 20'

41-COLOR-469
 Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



BERTHA HV[®] 90/180 STARTER x 20'

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



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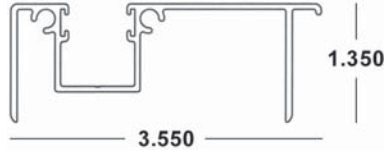
version: 08/16/16

BERTHA HV[®] ACCORDION SHUTTER - BLADE 3

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

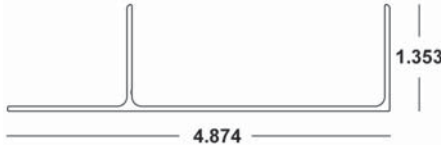
BERTHA HV[®] ADJ TRACK w/FELT x 20'

41-COLOR-423 (6 Pcs.)
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)
Felt: 41-HV-320



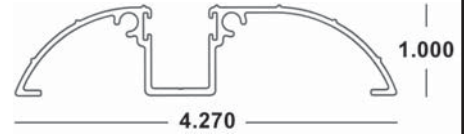
BERTHA HV[®] (3) SILL ADAPTOR W/LIP x 20'

41-COLOR-464
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



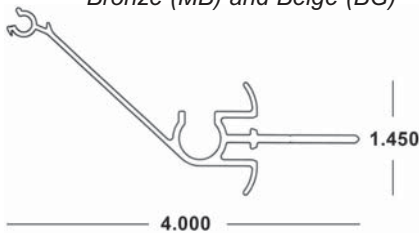
BERTHA HV[®] WALKOVER TRACK x 20'

41-COLOR-440 (6 Pcs.)
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)
Felt: 41-HV-320
Accepts Vinyl Inserts (p15)



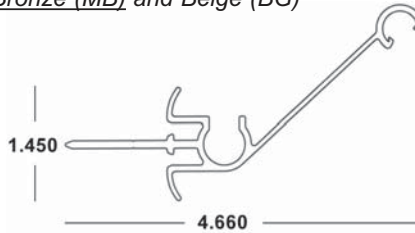
BERTHA HV[®] CENTERMATE #1 X 20' Self Mating

41-COLOR-421 (6 Pcs.)
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



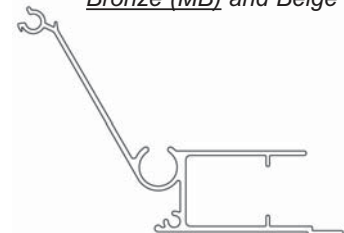
BERTHA HV[®] FLOATING CENTERMATE #2 X 20'

41-COLOR-422 (4 Pcs.)
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



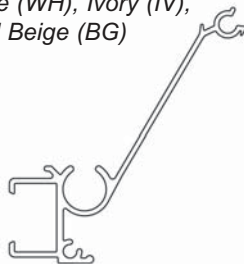
BERTHA HV[®] FEMALE T LOCK x 20'

41-COLOR-438 (4 Pcs.)
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



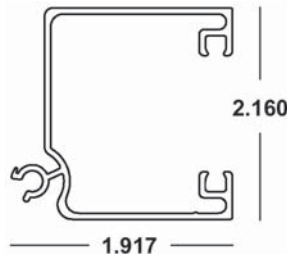
BERTHA HV[®] MALE T LOCK x 20'

41-COLOR-437 (4 Pcs.)
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



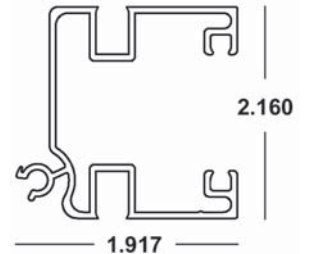
BERTHA HV[®] HD[™] CENTERMATE w/o RODS x 20'

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



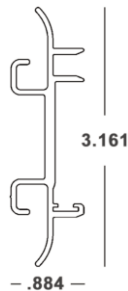
BERTHA HV[®] HD[™] CENTERMATE WITH RODS x 20'

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



BERTHA HV[®] HD[™] INSERT x 20'

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



Mates with BERTHA HV[®] HD[™] Centermates

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version: 08/16/16

BERTHA HV[®] ACCORDION SHUTTER - BLADES 1 & 2

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

BERTHA HV[®] BLADE #1

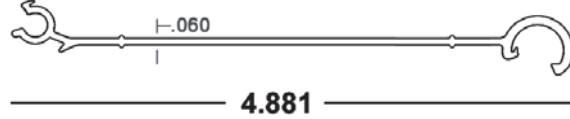
41-COLOR-400 x 14' 6" (10 Pcs/Sub)
 41-COLOR-405 x 16' 6" (120 Pcs/Master)
 41-COLOR-410 x 18'
 Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



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

BERTHA HV[®] BLADE #2

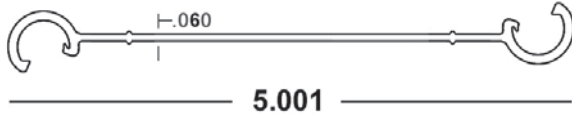
41-COLOR-406 x 16' 6" (10 Pcs/Sub)
 41-COLOR-411 x 18' (120 Pcs/Master)
 Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



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

BERTHA HV[®] 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)

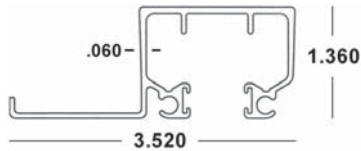
41-HV-320 Black Felt Roll



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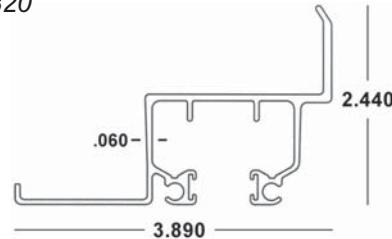
BERTHA HV[®] CEILING HEADER #1 x 20'

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



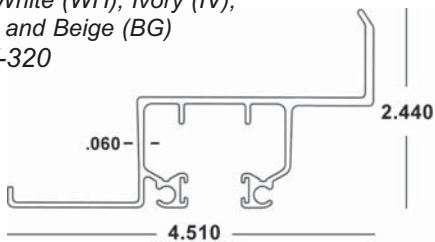
BERTHA HV[®] 3/8" BUILD OUT HEADER #1 x 20'

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



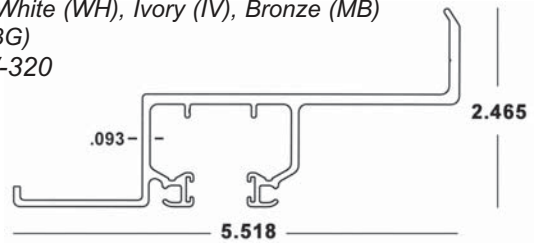
BERTHA HV[®] 1" BUILD OUT HEADER #1 x 20'

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



BERTHA HV[®] 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

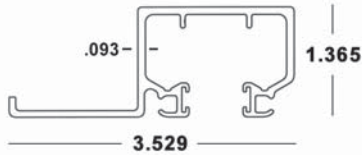
BERTHA HV[®] ACCORDION SHUTTER - BLADES 1 & 2

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

BERTHA HV[®] HD CEILING HEADER #2 x 20'

41-COLOR-430 (4 Pcs.)

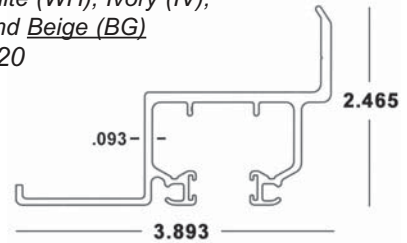
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)
Felt: 41-HV-320



BERTHA HV[®] HD 3/8" BUILD OUT HEADER #2 x 20'

41-COLOR-431 (4 Pcs.)

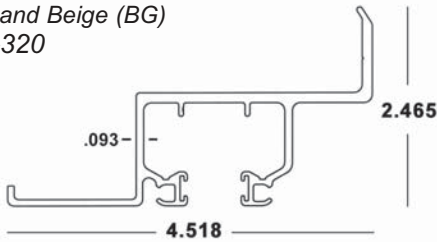
Available in White (WH), Ivory (IV),
Bronze (MB) and Beige (BG)
Felt: 41-HV-320



BERTHA HV[®] HD 1" BUILD OUT HEADER #2 x 20'

41-COLOR-432 (4 Pcs.)

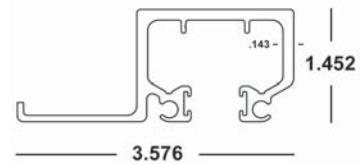
Available in White (WH), Ivory (IV),
Bronze (MB) and Beige (BG)
Felt: 41-HV-320



BERTHA HV[®] SHD[™] CEILING HEADER x 20'

41-COLOR-470 (10 Pcs.)

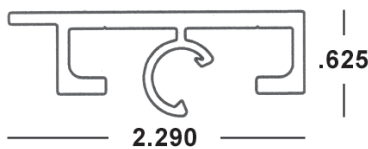
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)
Felt: 41-HV-320



BERTHA HV[®] 3/8" DIRECT MOUNT STARTER x 20'

41-COLOR-427 (4 Pcs.)

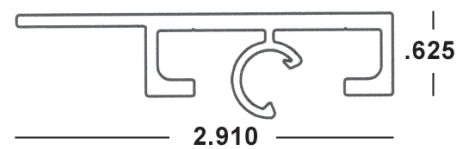
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



BERTHA HV[®] 1" DIRECT MOUNT STARTER x 20'

41-COLOR-428 (6 Pcs.)

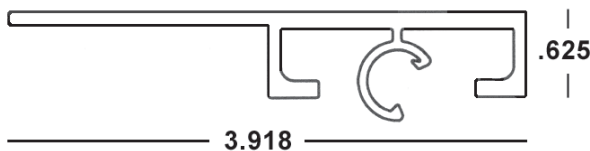
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



BERTHA HV[®] 2" DIRECT MOUNT STARTER x 20'

41-COLOR-434 (6 Pcs.)

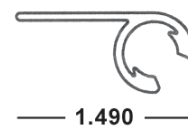
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



BERTHA HV[®] 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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BERTHA HV® ACCORDION SHUTTER - BLADES 1 & 2

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

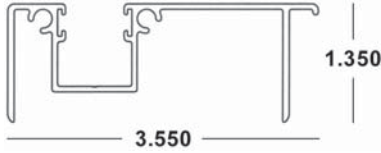
BERTHA HV® ADJ TRACK

w/FELT x 20'

41-COLOR-423 (6 Pcs.)

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

Felt: 41-HV-320

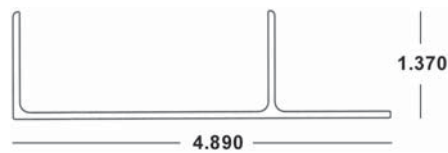


BERTHA HV® SILL

ADAPTOR W/LIP x 20'

90-COLOR-012 (6 Pcs.)

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



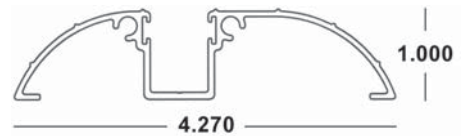
BERTHA HV® WALKOVER TRACK x 20'

41-COLOR-440 (6 Pcs.)

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

Felt: 41-HV-320

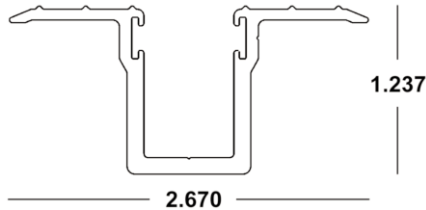
Accepts Vinyl Inserts (p15)



BERTHA HV® ANODIZED TRENCH TRACK x 20'

41-63-437 Silver Anodized

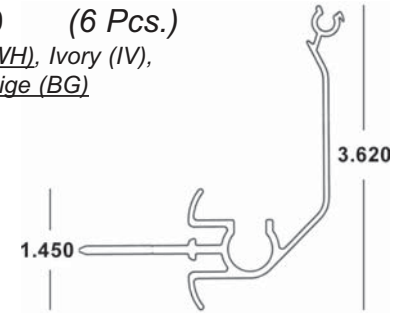
Felt: 41-HV-320



BERTHA HV® CORNER CENTERMATE #3 X 20'

41-COLOR-429 (6 Pcs.)

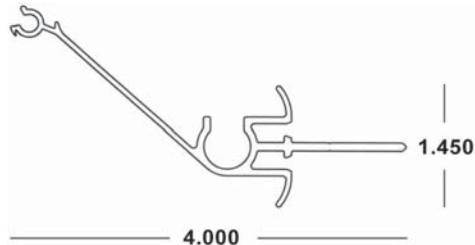
Available in White (WH), Ivory (IV),
Bronze (MB) and Beige (BG)



BERTHA HV® CENTERMATE #1 X 20'

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

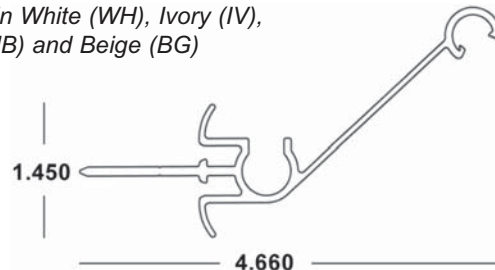
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



BERTHA HV® FLOATING CENTERMATE #2 X 20'

41-COLOR-422 (4 Pcs.)

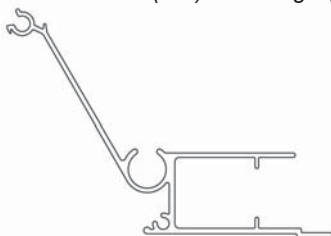
Available in White (WH), Ivory (IV),
Bronze (MB) and Beige (BG)



BERTHA HV® FEMALE T LOCK x 20'

41-COLOR-438 (4 Pcs.)

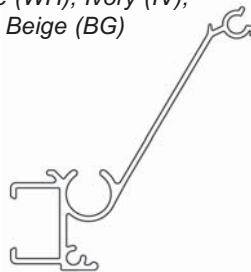
Available in White (WH), Ivory (IV),
Bronze (MB) and Beige (BG)



BERTHA HV® MALE T LOCK x 20'

41-COLOR-437 (4 Pcs.)

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



BERTHA HV® 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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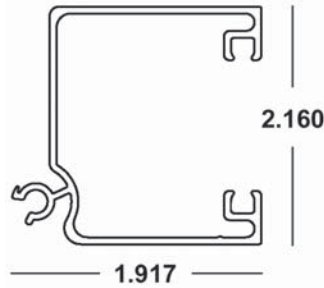
BERTHA HV® ACCORDION SHUTTER - BLADES 1 & 2

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

BERTHA HV® HD™ CENTERMATE WITHOUT RODS x 20'

41-COLOR-439

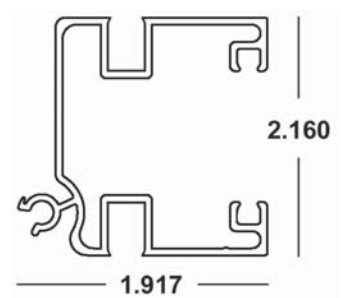
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



BERTHA HV® HD™ CENTERMATE WITH RODS x 20'

41-COLOR-435

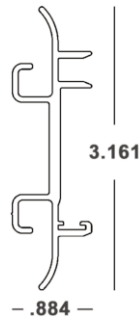
Available in White (WH), Ivory (IV), Bronze (MB) and Beige (BG)



BERTHA HV® HD™ INSERT x 20'

41-COLOR-436

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

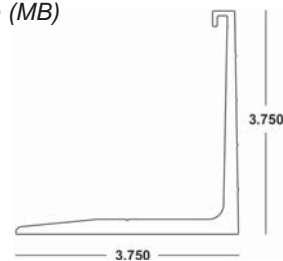


Mates with BERTHA HV® HD™ Centermates

BERTHA HV® RAINGUARD x 17'

41-COLOR-460 (10 Pcs.)

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

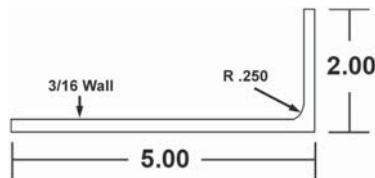


BERTHA HV® BUILD-OUT ANGLE x 20'

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)

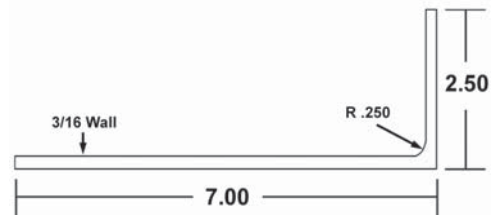


BERTHA HV® BUILD-OUT ANGLE x 20'

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® 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® COMBO BLADE LABEL LABEL-3

(250 per Roll)

Warning:
During periods of hurricane warnings, homeowner, tenant or others must properly close all BERTHA HV® & HD centermates and engage or lock all BERTHA HV® & HD locks.

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Hurricane 15



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website: www.EasternMetal.com

e-mail: info@EasternMetal.com

version: 08/16/16

BERTHA HV[®] ACCORDION WINDOW

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

HV[®] WINDOW PUNCH

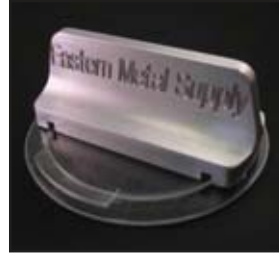
SPECIAL ORDER

HVPUNCH



HV[®] WINDOW HAND TOOL

HV-TOOL



BERTHA HV[®] ACCORDION WINDOW

41-HV-WINDOW

Patent Pending



3 HOLES - HV[®] BLADE # 1 X 6'

Punched Window 3 Holes

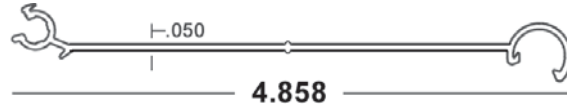
41-COLOR-72P3

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[®] BLADE # 1 X 8'

Punched Window 3 Holes

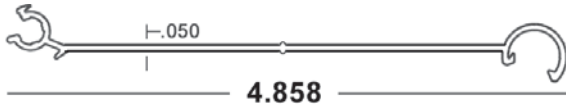
41-COLOR-96P3

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[®] BLADE # 1 X 8'

Punched Window 5 Holes

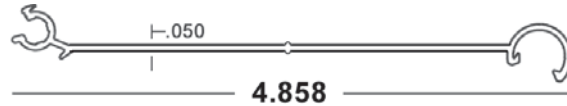
41-COLOR-96P5

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



Hurricane 16



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e-mail: info@EasternMetal.com

version: 08/16/16

BERTHA HV[®] ACCORDION SHUTTER SAMPLES

BERTHA HV[®] 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[®] CENTERMATE SAMPLE

HV-SAMPLE

17" x 30"

Top Track:
1" Build-Out Header

Bottom Track:
Walkover

Centermate:
BERTHA HV[®] Centermate



BERTHA HV[®] "HEAVY DUTY" CENTERMATE SAMPLE

HD-SAMPLE

17" x 30"

Top Track:
1" Build-Out Header

Bottom Track:
Walkover

Centermate:
"HD" Centermate



BERTHA HV[®] "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[®] ACCORDION SHUTTER RADIUS TRACK

Ideal for Large Balconies or Bay Windows

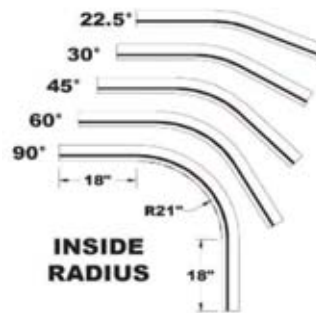
Available in White (WH), Ivory (IV),
Beige (BG) and Bronze (MB)

Available for HD[™] Tracks
and SHD[™] Tracks (High Rise)

Not a Stock Item
Custom Sizes & Lengths are
Also Available

Covered under US Patents
5458179 and 6779585

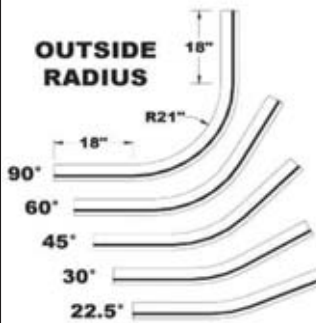
Hurricane 17



HD Tracks Ceiling / Ceiling				Ceiling / Sill / Adaptor	
Inside	HD	22.5°	52-COLOR-122	\$120.00	52-COLOR-522 \$180.00
Inside	HD	30°	52-COLOR-130	\$130.00	52-COLOR-530 \$192.00
Inside	HD	45°	52-COLOR-145	\$150.00	52-COLOR-545 \$225.00
Inside	HD	60°	52-COLOR-160	\$170.00	52-COLOR-560 \$255.00
Inside	HD	90°	52-COLOR-190	\$195.00	52-COLOR-590 \$293.00

Outside	HD	22.5°	52-COLOR-222	\$120.00	52-COLOR-622 \$180.00
Outside	HD	30°	52-COLOR-230	\$130.00	52-COLOR-630 \$192.00
Outside	HD	45°	52-COLOR-245	\$150.00	52-COLOR-645 \$225.00
Outside	HD	60°	52-COLOR-260	\$170.00	52-COLOR-660 \$255.00
Outside	HD	90°	52-COLOR-290	\$195.00	52-COLOR-690 \$293.00

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



SHD Tracks Ceiling / Ceiling				Ceiling / Sill / Adaptor	
Inside	SHD	22.5°	52-COLOR-322	\$130.00	52-COLOR-722 \$195.00
Inside	SHD	30°	52-COLOR-330	\$140.00	52-COLOR-730 \$210.00
Inside	SHD	45°	52-COLOR-345	\$160.00	52-COLOR-745 \$240.00
Inside	SHD	60°	52-COLOR-360	\$180.00	52-COLOR-760 \$270.00
Inside	SHD	90°	52-COLOR-390	\$205.00	52-COLOR-790 \$308.00

Outside	SHD	22.5°	52-COLOR-422	\$130.00	52-COLOR-822 \$195.00
Outside	SHD	30°	52-COLOR-430	\$140.00	52-COLOR-830 \$210.00
Outside	SHD	45°	52-COLOR-445	\$160.00	52-COLOR-845 \$240.00
Outside	SHD	60°	52-COLOR-460	\$180.00	52-COLOR-860 \$270.00
Outside	SHD	90°	52-COLOR-490	\$205.00	52-COLOR-890 \$308.00

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



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version: 08/16/16

HV Accordion Screws

14D275TUW4/HV 14 x 2-3/4" Long
14D175TUW4/HV 14 x 1-3/4" Long
10N275TUW4/HV 10 x 2-3/4" Long



HV Bushings boxes of 100

/HVLONG1 Long White
/HVLONG2 Long Black
/HVSHORT1 Short White
/HVSHORT2 Short Black
/HVHAT1 Hat White Only



HV Wheel Carriage

/WC10



HV Push Button Lock

/LOHVBE Beige
/LOHVBZ Bronze
/LOHVIV Ivory
/LOHVWH White



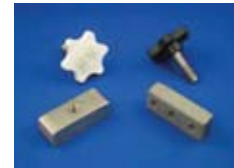
HV Egress Lock

/LOHVTT/WH White
/LOHVTT/BZ Bronze
/LOHVTT/BE Beige
/LOHVTT/IV Ivory
/LOHVTT (cylinder only)



HV Saltwater Lock & HV Thumbscrews

/HVPLATE - Stainless Steel Plate
/31C100MTPB/HV - Black Thumbscrew
/31C100MTPW/HV - White Thumbscrew



HD Lock

/LOHRHB
Hook Bolt Mortise Lock -SS
/LOBRCL
Key cylinder - Brass/SS
/LOBRTT
Thumb turn cylinder - brass/SS



HV T-Handle Lock with J-Clip

/LOWH White
/LOBZ Bronze
/LOIV Ivory
/LOBE Beige



HV Locking Pins

Please specify 1/4-20 or 3/8-16 thumbscrew. Also specify Stainless Steel or Nylon thumbscrew



HV Snap Track

/ECSC



HV Holdback Clip

/HVCLIPBZ - Black
/HVCLIPWH - White



HV 3/8 X 3/4 Acetel® Thumb Screw

/37C75MTSN White
/37C75MTSNB Black
please specify white or black



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Hurricane 18



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