

# BRONZE CRAFT

## STERLING HINGES

### INLINE MOUNTING



*Smoothness of operation...  
with the beauty & strength  
of stainless steel...*

- Tested to AAMA 904.1 standard.
- Stainless steel slide mechanism.
- Stainless steel rivets with thermo-plastic resin washers between links.
- Most sizes readily available from stock.
- Stainless steel adjustable limit stop (Projected hinges only).
- Engineered geometry to balance sash for ease of operation.

## WHY USE AN ASYMMETRIC END CAP?

*This proven asymmetric locating system on the Sterling hinge uses the full width of the vent arm to ensure accurate collection of the vent.*



*This means that the end point on the vent arm is collected earlier than on conventional symmetrical hinges and prevents the natural window geometry from forcing the vent point outside the end cap into a failed position.*



*This then ensures that the end point is firmly directed towards the closed position. The unique thermoplastic end point and stainless steel cap are self-lubricating providing smoother operation and longer life.*



*The positive fit of the Sterling end point in the end cap helps to provide a weather-tight seal for the window.*



## PROJECTED

Part Number	Hinge Size	Sash Height		Sash Weight		Limit Stop Angle Min.	Opening Angle Max.	Min. Pack		
		(Inches) Min.	(Inches) Max.	(MM) Min.	(MM) Max.				(Lbs.) Max.	(Kgs.) Max.
851-051-8046	10"	10.5	25.0	266.7	635.0	82.0	37.2	15°	50°	25 pr.
851-052-8046	10" Shim*	10.5	25.0	266.7	635.0	82.0	37.2	15°	50°	25 pr.
851-053-8046	12"	25.0	31.0	635.0	787.4	99.0	45.0	11°	50°	25 pr.
851-054-8046	12" Shim*	25.0	31.0	635.0	787.4	99.0	45.0	11°	50°	25 pr.
851-055-8046	16"	31.0	43.0	787.4	1092.2	121.0	55.0	9°	50°	25 pr.
851-056-8046	16" Shim*	31.0	43.0	787.4	1092.2	121.0	55.0	9°	50°	25 pr.
851-057-8046	22"	43.0	59.0	1092.2	1498.6	165.0	75.0	7°	45°	20 pr.
851-058-8046	22" Shim*	43.0	59.0	1092.2	1498.6	165.0	75.0	7°	45°	20 pr.
851-059-8046	26"	59.0	79.0	1498.6	2006.6	220.0	100.0	4°	20°	10 pr.
851-060-8046	26" Shim*	59.0	79.0	1498.6	2006.6	220.0	100.0	4°	20°	10 pr.

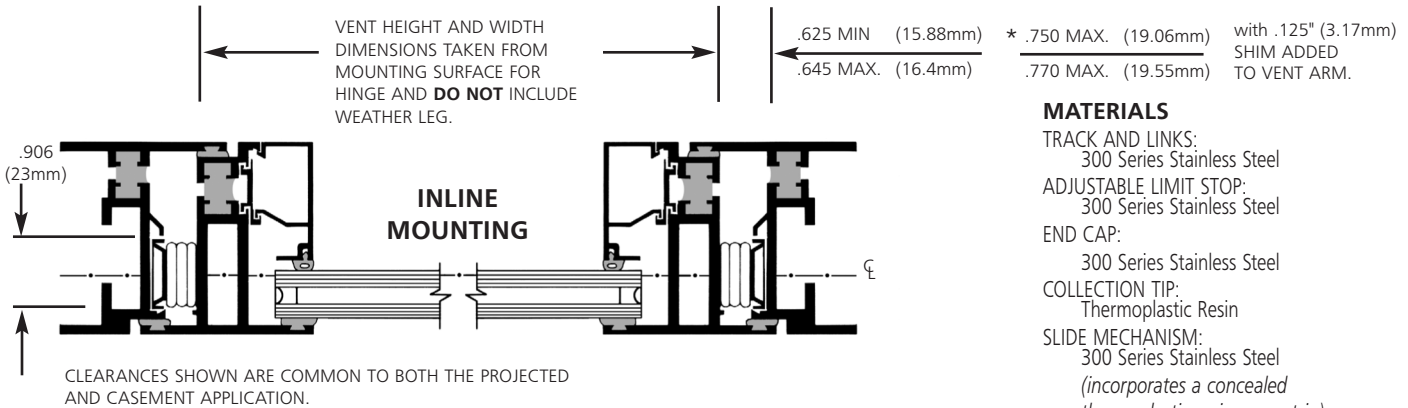
\* .125 (3.17mm) Shim added to vent arm.

## CASEMENT

Part Number	Hinge Size	Sash Width		Sash Weight		Opening Angle Max.	Min. Pack		
		(Inches) Min.	(Inches) Max.	(MM) Min.	(MM) Max.			(Lbs.) Max.	(Kgs.) Max.
851-061-8046	10"	10.5	26.0	266.7	660.4	84.0	38.1	85°	25 pr.
851-062-8046	10" Loose Rivet**	10.5	26.0	266.7	660.4	84.0	38.1	85°	25 pr.
851-063-8046	16"	16.5	33.0	419.1	838.2	103.0	46.8	90°	25 pr.
851-064-8046	16" Loose Rivet**	16.5	33.0	419.1	838.2	103.0	46.8	90°	25 pr.

\* .125 (3.17mm) Shim added to vent arm.

NOTE: WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS IN FURTHERING OUR POLICY OF CONTINUAL PRODUCT IMPROVEMENT.  
IMPORTANT: UNDER NO CIRCUMSTANCES SHOULD THE SIZE OR WEIGHT OF SASH EXCEED THE STATED CAPACITY OF THE HINGE.



**Innovation in Window Hardware**

Patent Nos.  
US PATENT #4889852-4718144  
UK PATENT #2133074-2133458

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