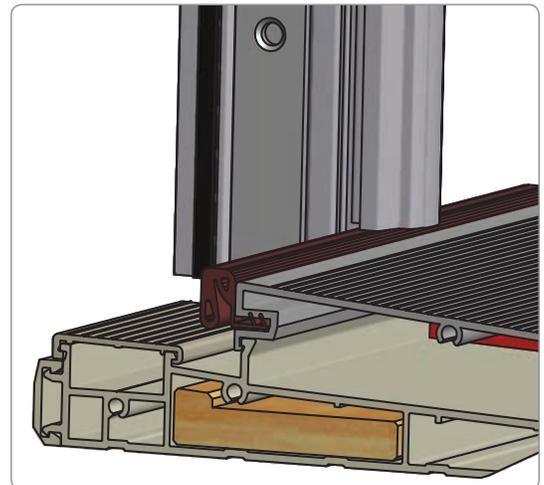
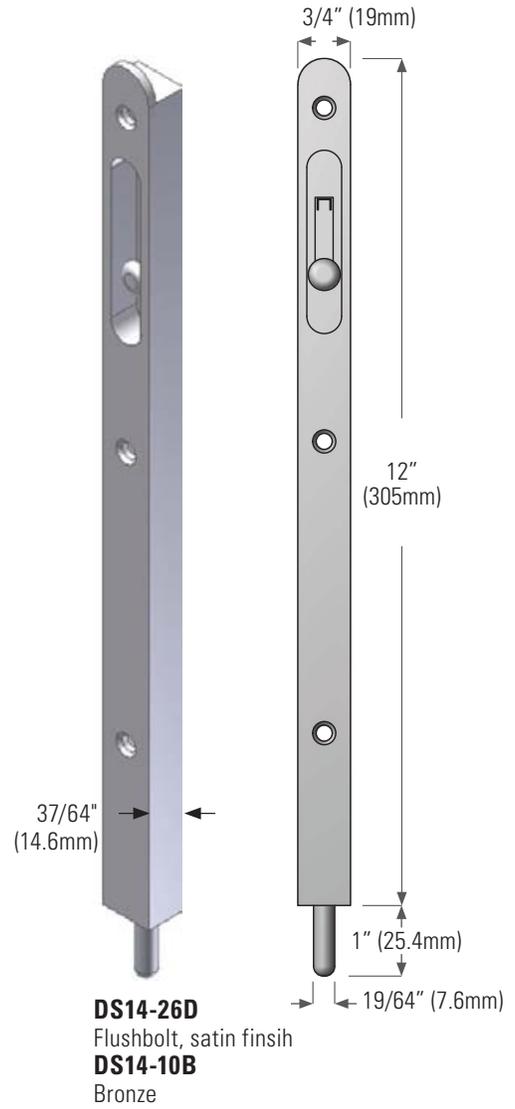
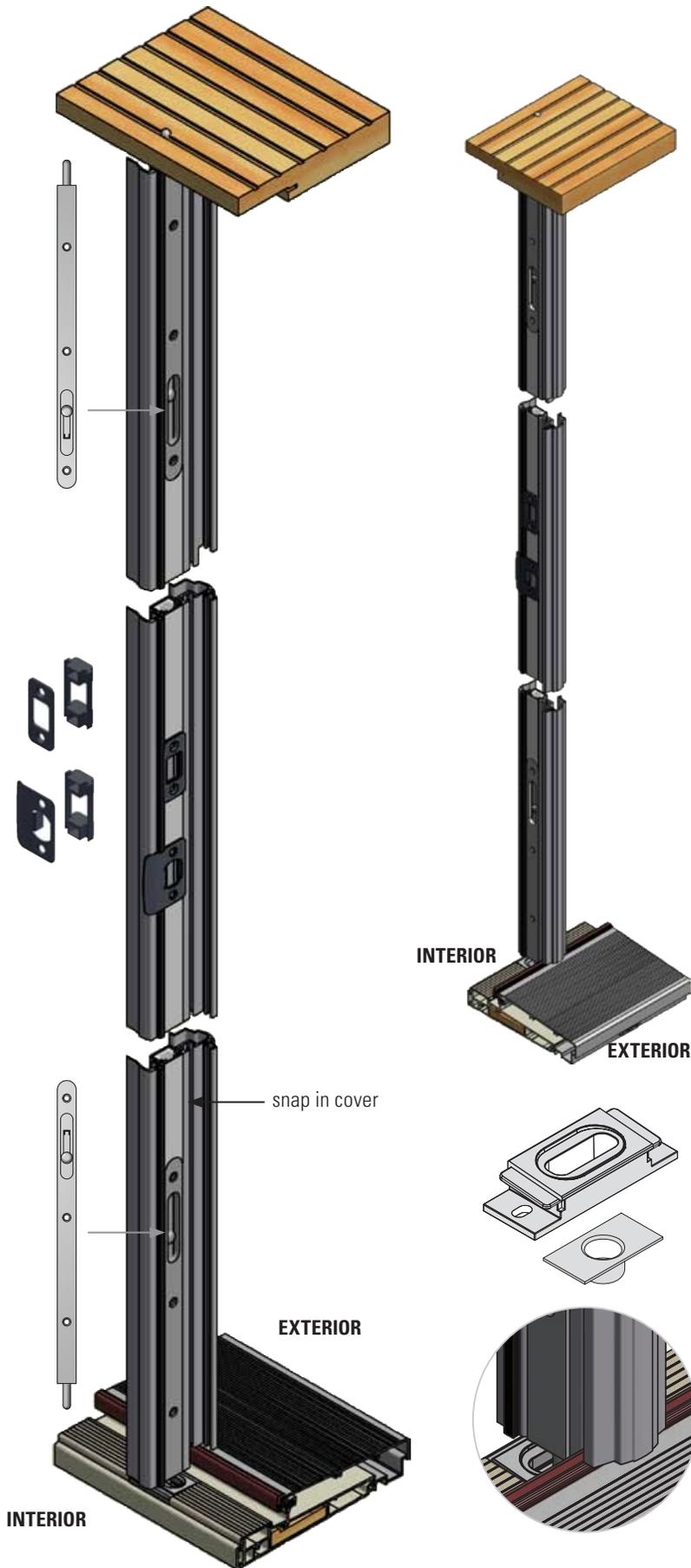


ASTRAGALS - ALUMINUM FOR INSWING DS1 STORM SILLS (NAFS)

AVAILABLE FIRST QUARTER 2017

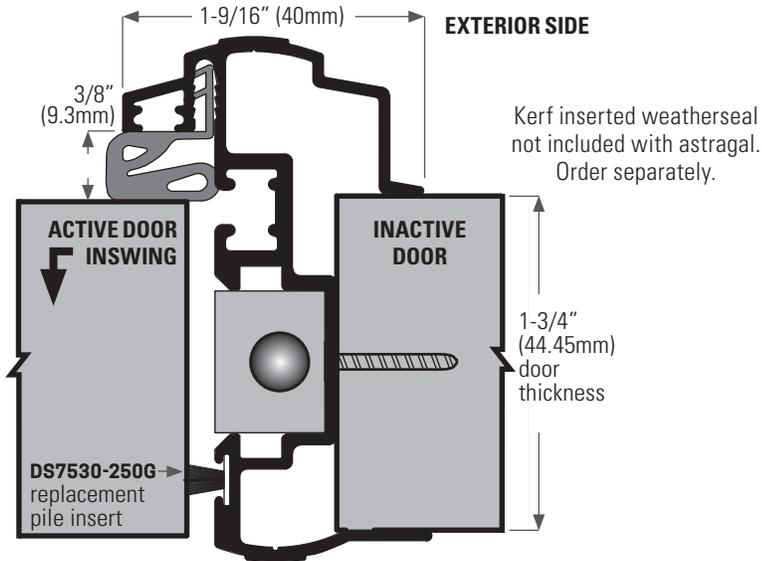


ASTRAGALS - ALUMINUM FOR INSWING DS1 STORM SILLS (NAFS)

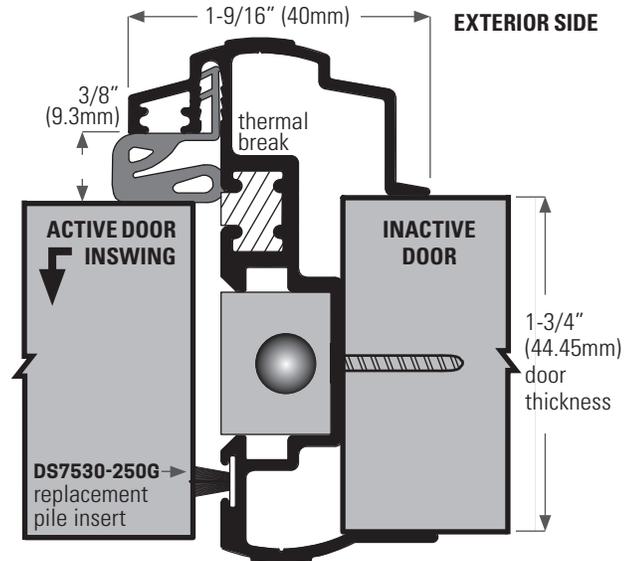
AVAILABLE FIRST QUARTER 2017

Each extruded aluminum astragal comes complete with pile inner seal, snap in covers, dead bolt strike, latch strike & standard punch outs for deadbolt. **Kerf weatherseal, top and bottom flushbolts not included with astragal, order separately.**

DS446N Series (Non Thermally Broken)

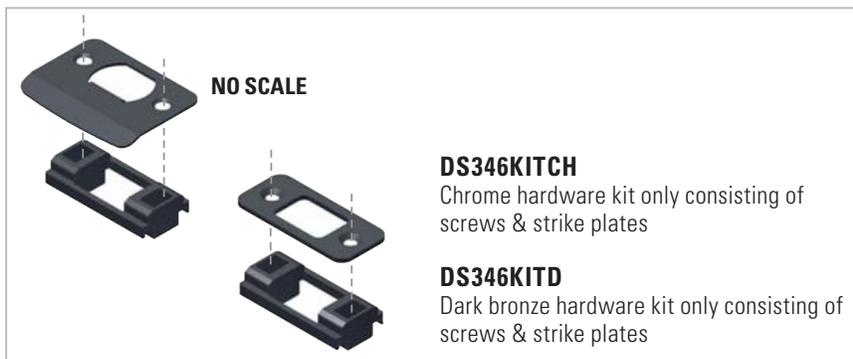
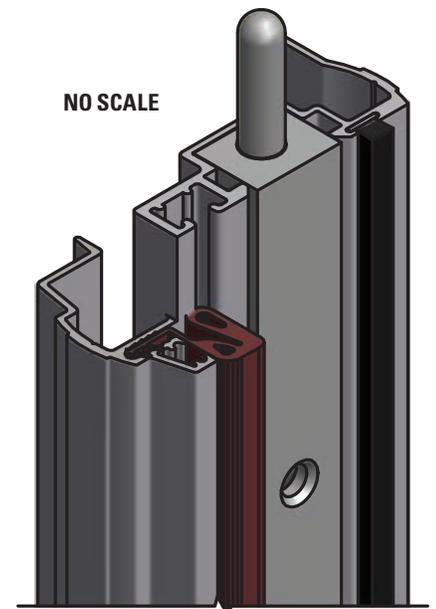
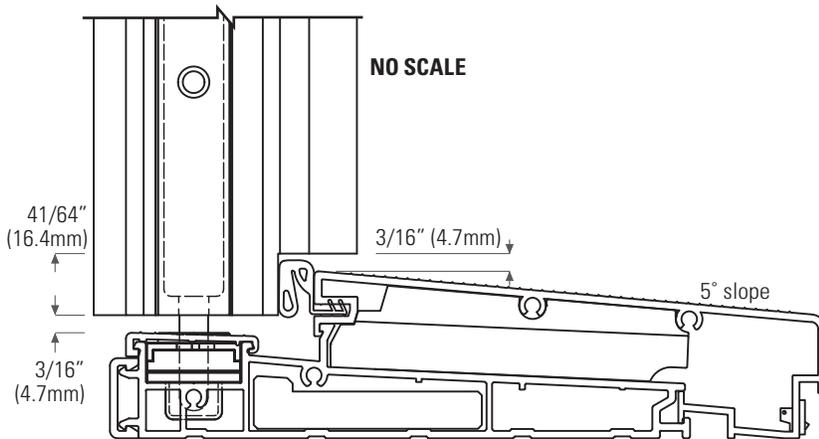


DS448N Series (Thermally Broken)



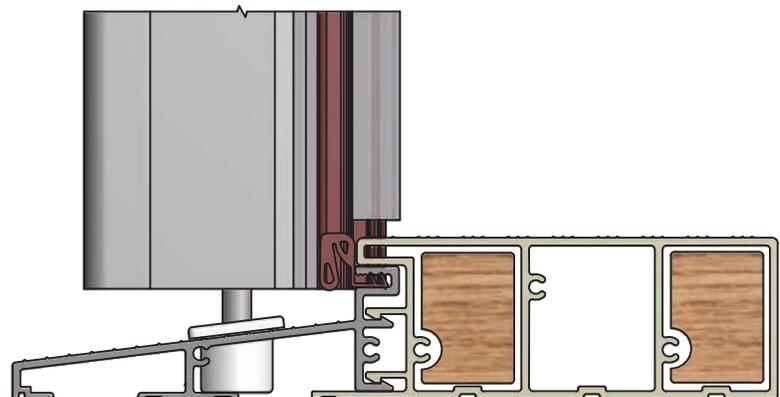
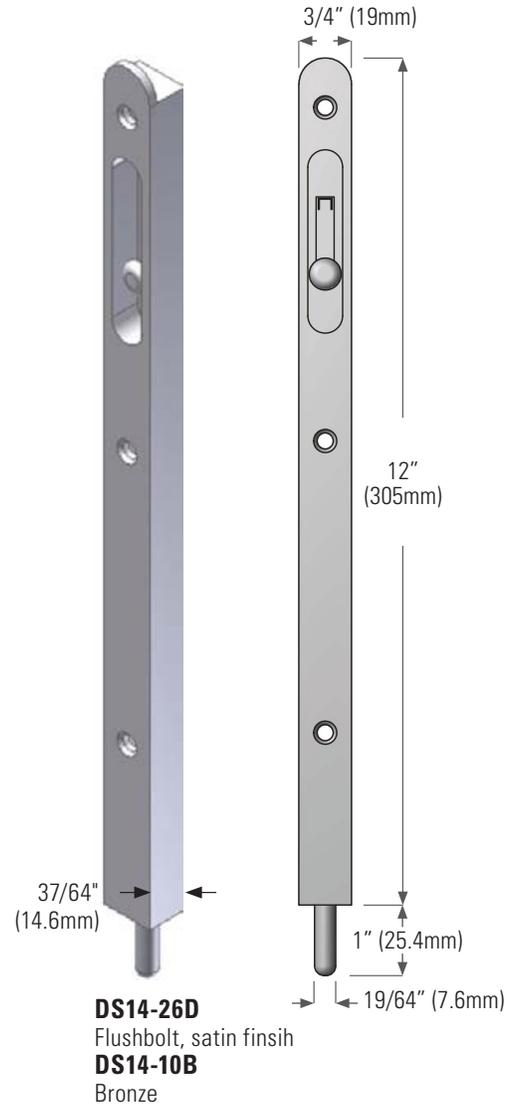
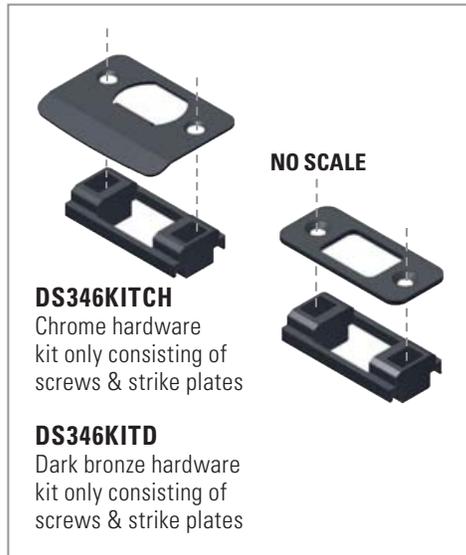
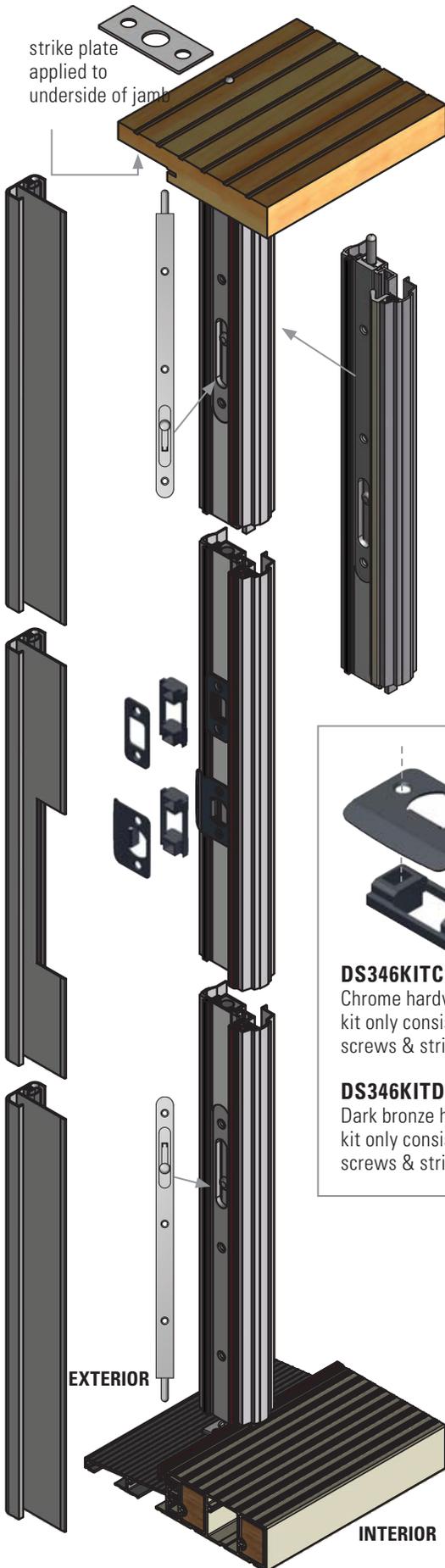
- | | | |
|------------------|------------------|------------------|
| Bronze anodized | Clear anodized | White painted |
| DS446D79N | DS446C79N | DS446W79N |
| DS446D80N | DS446C80N | DS446W80N |
| DS446D84N | DS446C84N | DS446W84N |
| DS446D95N | DS446C95N | DS446W95N |
| DS446D96N | DS446C96N | DS446W96N |

- | | | |
|--------------------|--------------------|--------------------|
| Bronze anodized | Clear anodized | White painted |
| DS448DTB79N | DS448CTB79N | DS448WTB79N |
| DS448DTB80N | DS448CTB80N | DS448WTB80N |
| DS448DTB84N | DS448CTB84N | DS448WTB84N |
| DS448DTB95N | DS448CTB95N | DS448WTB95N |
| DS448DTB96N | DS448CTB96N | DS448WTB96N |



ASTRAGALS - ALUMINUM FOR OUTSWING DS STORM SILLS (NAFS)

AVAILABLE FIRST QUARTER 2017

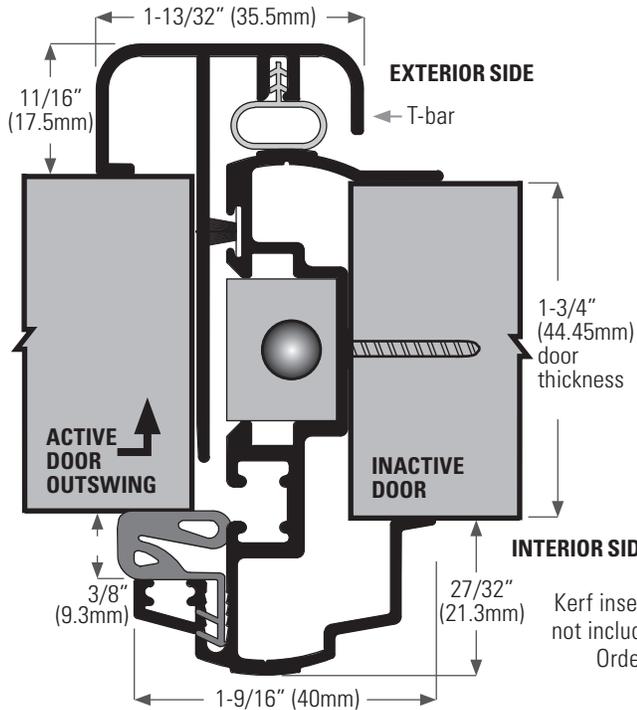


ASTRAGALS - ALUMINUM FOR OUTSWING DS STORM SILLS (NAFS)

AVAILABLE FIRST QUARTER 2017

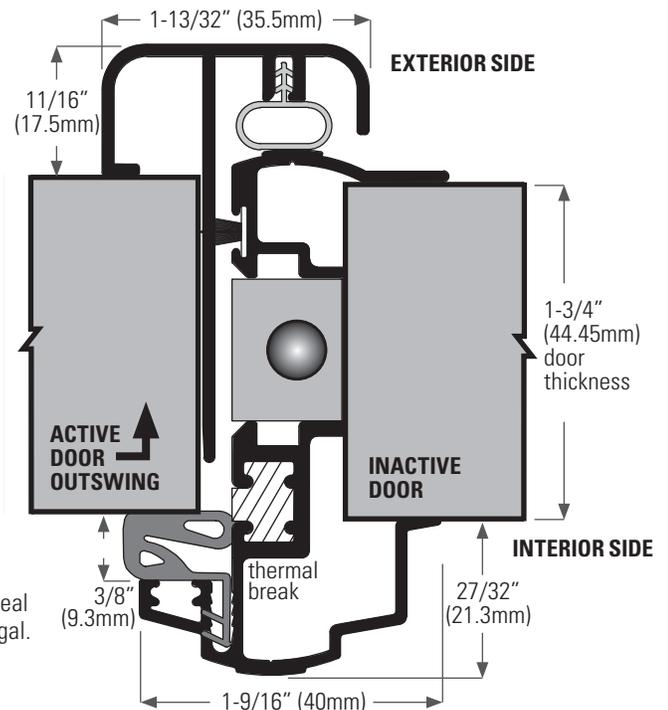
Each T-Bar astragal comes with bulb weatherseal & punchouts for latch & deadbolt. Each extruded aluminum astragal comes complete with pile inner seal, snap in covers, dead bolt strike, latch strike & standard punch outs for deadbolt. **Kerf weatherseal, top and bottom flushbolts not included with astragal, order separately.**

DS445N Series (Non Thermally Broken)



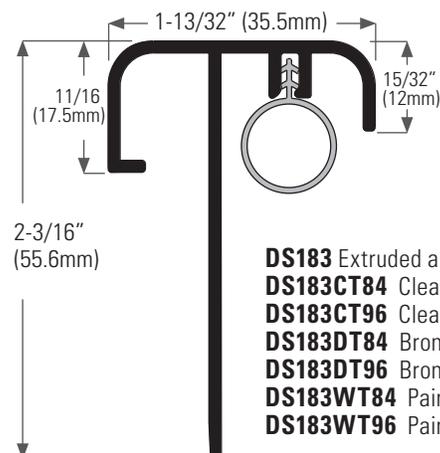
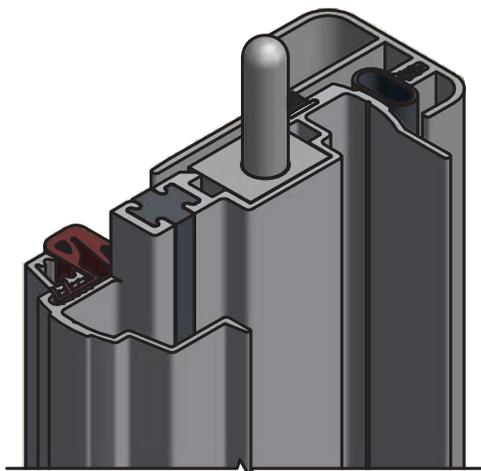
Kerf inserted weatherseal not included with astragal. Order separately.

DS447N Series (Thermally Broken)



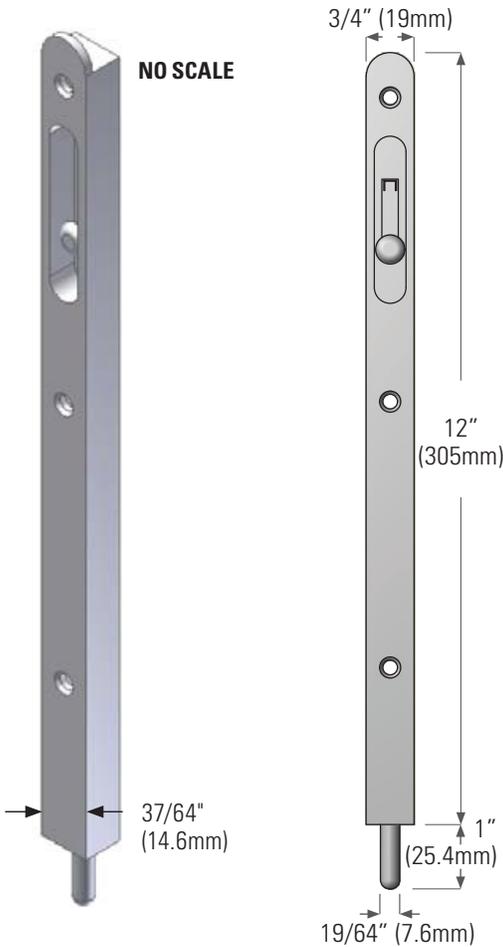
- | Bronze anodized | Clear anodized | White painted |
|------------------|------------------|------------------|
| DS445D79N | DS445C79N | DS445W79N |
| DS445D80N | DS445C80N | DS445W80N |
| DS445D84N | DS445C84N | DS445W84N |
| DS445D95N | DS445C95N | DS445W95N |
| DS445D96N | DS445C96N | DS445W96N |

- | Bronze anodized | Clear anodized | White painted |
|--------------------|--------------------|--------------------|
| DS447DTB79N | DS447CTB79N | DS447WTB79N |
| DS447DTB80N | DS447CTB80N | DS447WTB80N |
| DS447DTB84N | DS447CTB84N | DS447WTB84N |
| DS447DTB95N | DS447CTB95N | DS447WTB95N |
| DS447DTB96N | DS447CTB96N | DS447WTB96N |

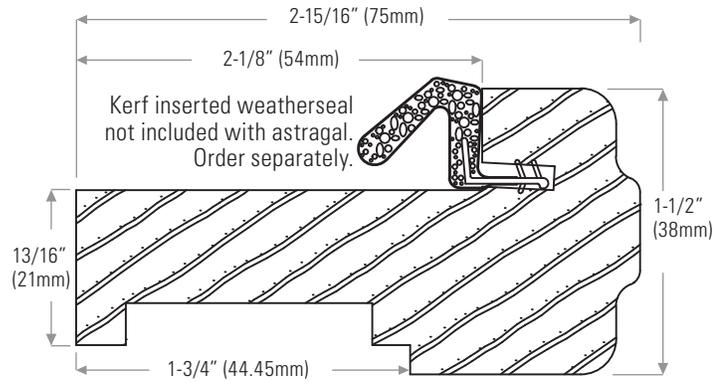
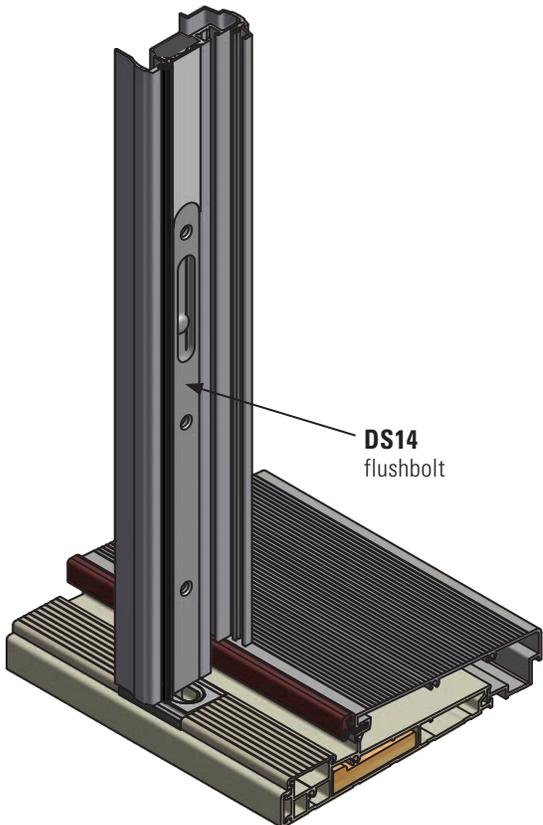


- DS183** Extruded aluminum with TPE (T) insert
DS183CT84 Clear anodized 84" (2134mm)
DS183CT96 Clear anodized 96" (2438mm)
DS183DT84 Bronze anodized 84" (2134mm)
DS183DT96 Bronze anodized 96" (2438mm)
DS183WT84 Painted white 84" (2134mm)
DS183WT96 Painted white 96" (2438mm)

FLUSHBOLTS & ASTRAGALS

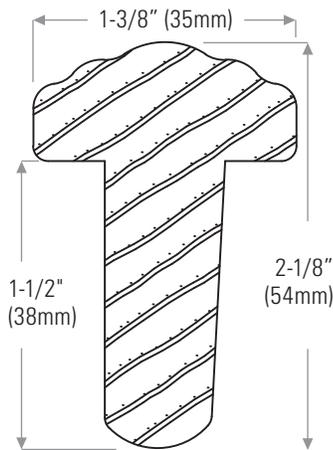


DS14-26D Flushbolt, satin finish
DS14-10B bronze



NOTE: Products ending in M are machined for flush bolts, both ends

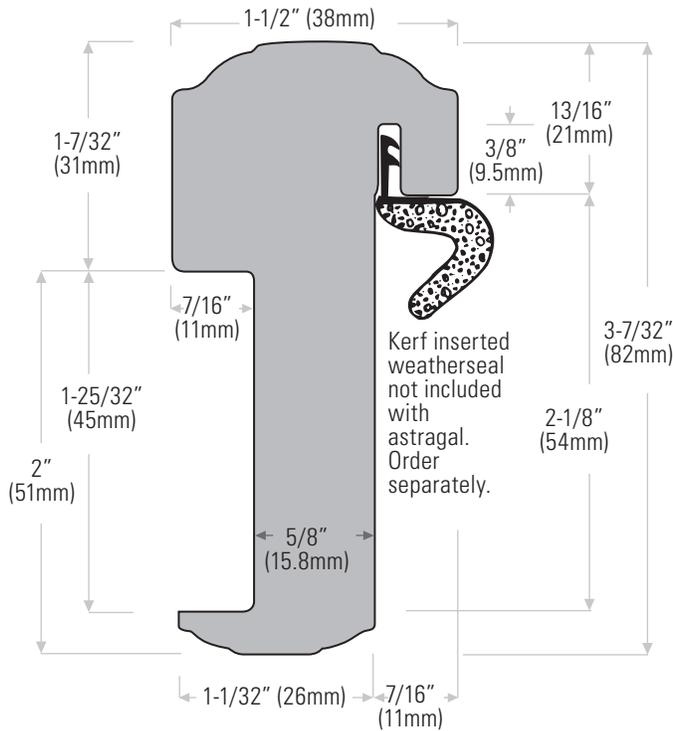
- DS191P79M** Primed 79" (2007mm), machined
- DS191P7989M** Primed 79-7/8" (2029mm), machined
- DS191P80M** Primed 80" (2032mm), machined
- DS191P8078M** Primed 80-7/8" (2054mm), machined
- DS191P84** Primed 84" (2134mm), **not** machined
- DS191P84M** Primed 84" (2134mm), machined
- DS192C79M** Fir clear 79" (2007mm), machined
- DS192C80M** Fir clear 80" (2032mm), machined
- DS192C84M** Fir clear 84" (2134mm), machined
- DS192C96M** Fir clear 96" (2438mm), machined
- DS192C84** Fir clear 84" (2134mm), **not** machined
- DS192C95M** Fir clear 95" (2413mm), machined
- DS192C96** Fir clear 96" (2438mm), **not** machined
- DS192C120** Fir clear 120" (3048mm), **not** machined



- DS196P80M2** 1-3/8" (35mm) primed fir, machined for flush bolts, top and bottom. 80" (2032mm)
- DS196P84M1** 1-3/8" (35mm) primed fir, machined for flush bolts, top only, both sides. 84" (2134mm)
- DS196P84M2** 1-3/8" (35mm) primed fir, cut to custom length from 84" (2134mm) piece and machined for flush bolts, top and bottom (Non handed).
- DS196P84** 1-3/8" (35mm) primed fir, not machined, stock length.

ASTRAGALS - WOOD

Composite Astragal DS193 Series



NOTE: Products ending in M are machined for flush bolts, both ends

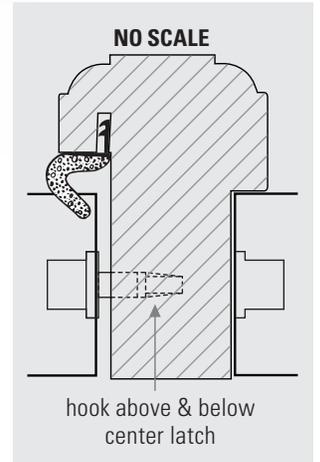
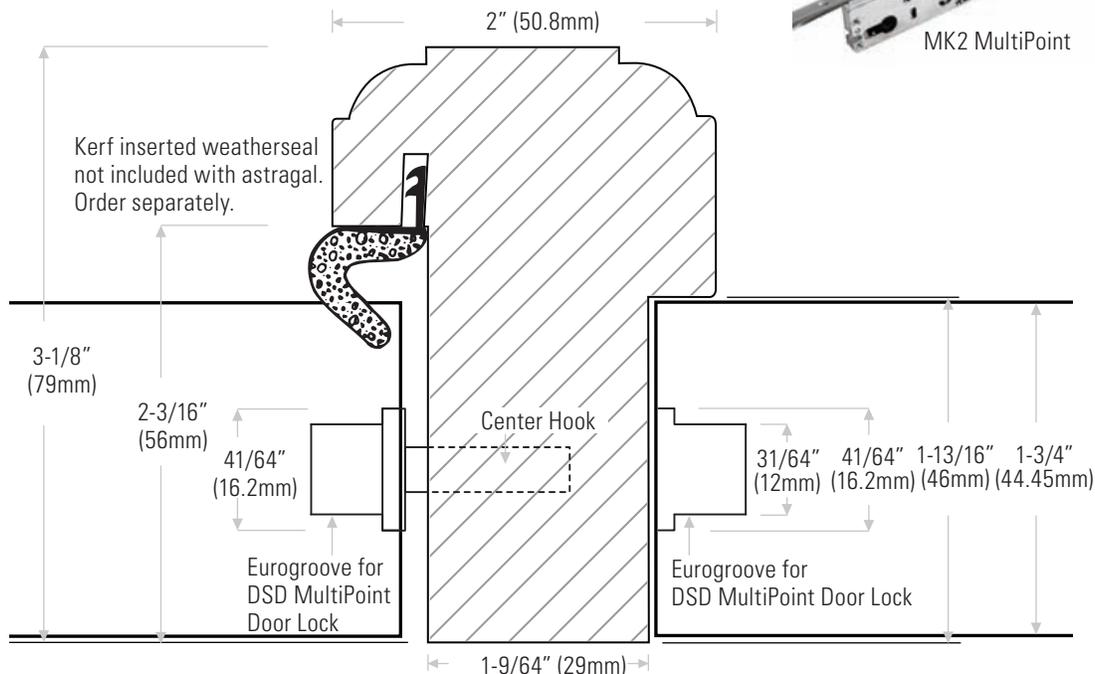
- DS193W79M** smooth white finish, 79" (2007mm), machined
- DS193W80M** smooth white finish, 80" (2032mm), machined
- DS193W81** smooth white finish, 81" (2057mm), **not** machined
- DS193W81M** smooth white finish, 81" (2057mm), machined
- DS193W95M** smooth white finish, 95" (2413mm), machined
- DS193W96M** smooth white finish, 96" (2438mm), machined
- DS193W97** white finish, 97" (2464mm), **not** machined
- DS193GRAIN79M** wood grain finish, 79" (2007mm), machined
- DS193GRAIN80M** wood grain finish, 80" (2032mm), machined
- DS193GRAIN81** wood grain finish, 81" (2057mm), **not** machined
- DS193GRAIN81M** wood grain finish, 81" (2057mm), machined
- DS193GRAIN95M** wood grain finish, 95" (2413mm), machined
- DS193GRAIN96M** wood grain finish, 96" (2438mm), machined
- DS193GRAIN97** wood grain finish, 97" (2464mm), **not** machined

The DS193 Series Composite Astragal is machined top and bottom for the flushbolt as shown below. **Flushbolt by other, not included with any of the above astragals.**

Astragals (Wood) for Double Door MultiPoint Application

V.G. Fir Astragal DS198 Series

Used in conjunction with DSD Hardware MultiPoint Door Locks



astragal not machined for MultiPoint locks or strike plates

DS198VGF96 Astragal V.G. Fir 96" (2438mm)