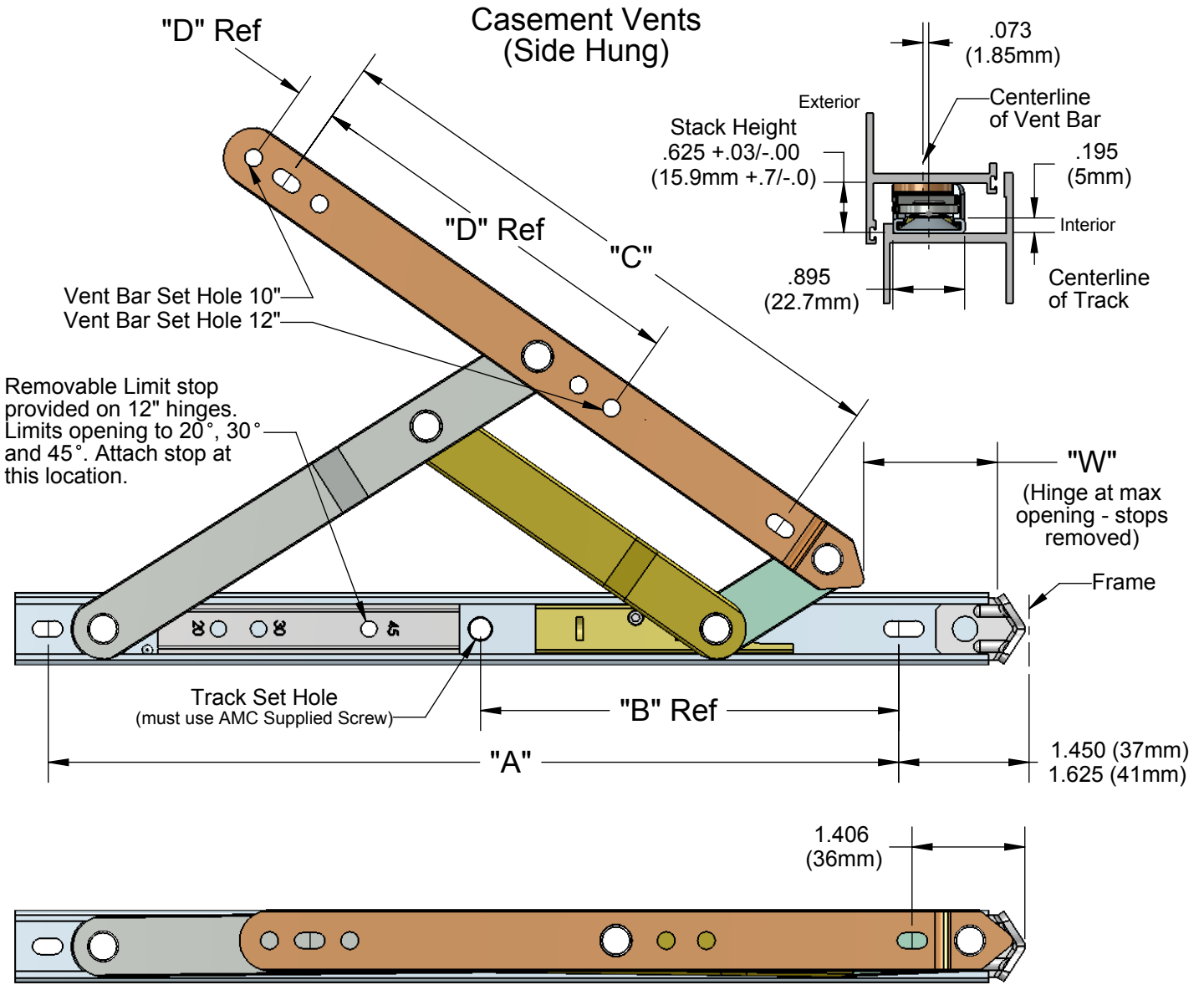


# MAGNUM™ Hinges (4100 Series Offset 4-Bar Casement Hinges)



Part#	Size	Vent Width	Vent Weight	Max Opening	"W"	"A"	"B" Ref	"C"	"D" Ref
4110	10" (254mm)	11.0 - 26.0 (280mm-660mm)	76 lbs (34.4 kg)	75°	5.500 (140mm)	8.593 (218mm)	4.959 (126mm)	6.500 (165mm)	.500 (13mm)
4112	12" (305mm)	20.0 - 33.0 (508mm-838mm)	115 lbs (52.1 kg)	80° (w/stop removed)	7.000 (178mm)	10.593 (269mm)	5.209 (132mm)	7.500 (191mm)	4.937 (125mm)

Tensions Available: Commercial and loose rivet.  
 Hinge Mounting: Use #10 or M5 stainless steel pan head screws.  
 Hinge Capacity: Vent size and weight should not exceed the stated capacity of the hinge.  
 Opening Degree: For vents in high winds, severely limited opening or limited for life safety, the use of additional Limit/Friction Devices may be required (ex: 177, 419, 716).