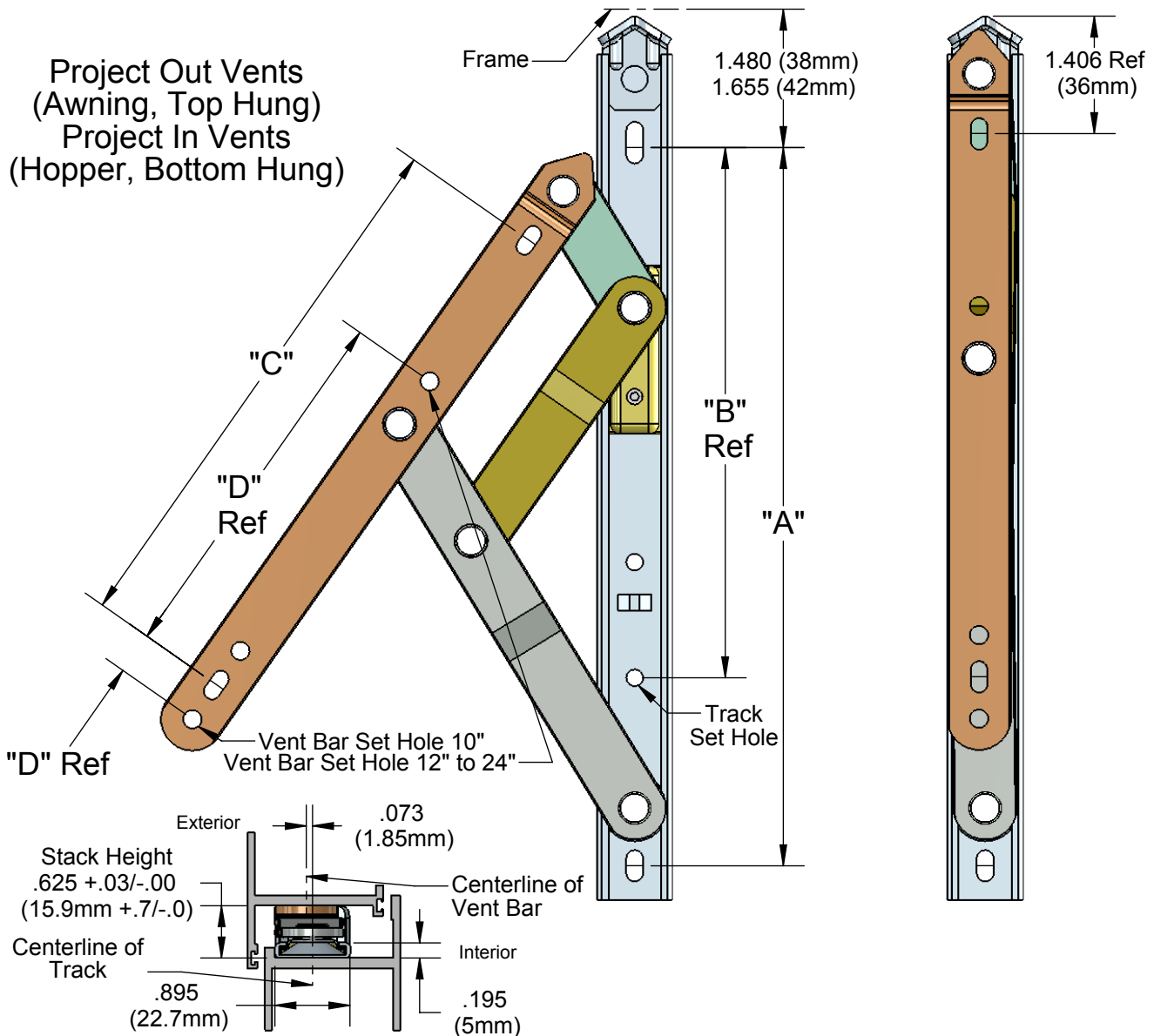


# MAGNUM™ Hinges

(3000 Series. Offset 4-Bar Projection Hinges)



Part#	Size	Vent Height	Vent Weight	Max Opening	"A"	"B" Ref	"C"	"D" Ref
310	10" (254mm)	11.0 - 28.0 (280mm-711mm)	88 lbs (40.0 kg)	60°	8.593 (218mm)	6.343 (161mm)	6.500 (165mm)	.500 (13mm)
312	12" (305mm)	20.0 - 30.0 (508mm-762mm)	100 lbs (45.5 kg)	53°	10.593 (269mm)	6.593 (167mm)	7.500 (191mm)	4.937 (125mm)
316	16" (406mm)	28.0 - 40.0 (711mm-1016mm)	125 lbs (56.7 kg)	49°	14.593 (371mm)	7.656 (194mm)	9.500 (241mm)	4.438 (113mm)
320	20" (508mm)	40.0 - 50.0 (1016mm-1270mm)	160 lbs (72.7 kg)	49°	18.593 (472mm)	8.968 (228mm)	11.500 (292mm)	4.438 (113mm)
324	24" (610mm)	40.0 - 60.0 (1016mm-1524mm)	180 lbs (81.8 kg)	30° (45° w/o stop)	22.593 (574mm)	9.093 (231mm)	13.500 (343mm)	4.438 (113mm)

Tensions Available: Architectural, 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).