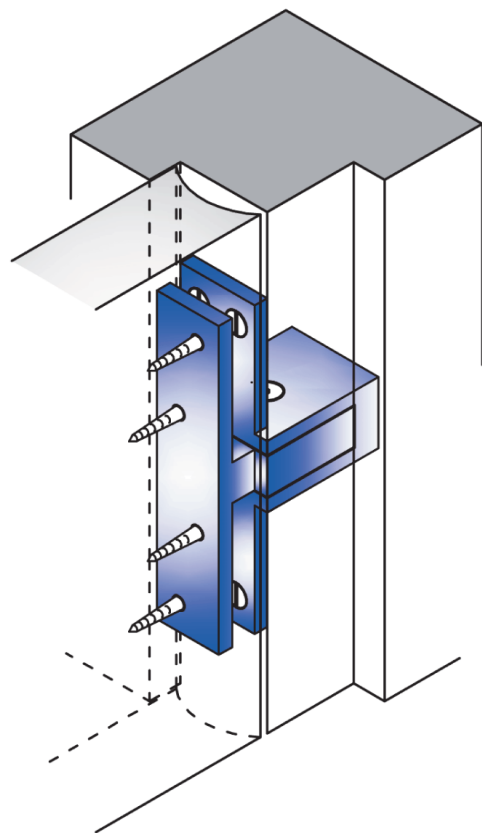


HARMON HINGES

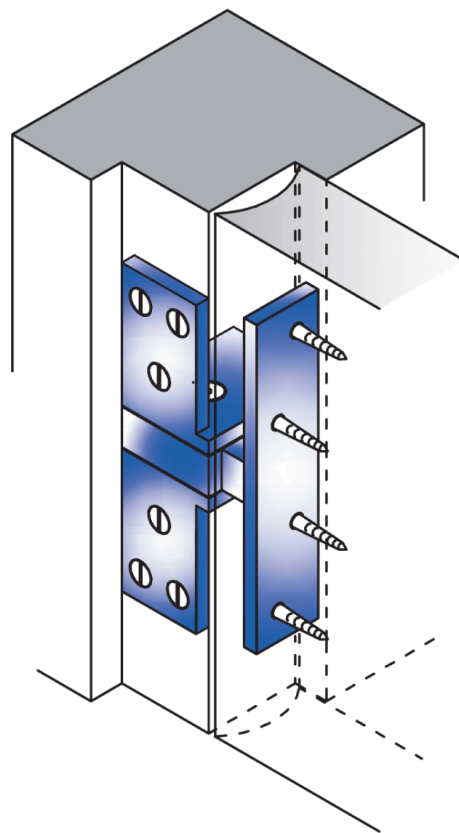
- Positive positioning stops
- Available for 1 3/8", 1 3/4", 2", 2 1/4" thick doors
- Can also be custom made for other door thicknesses
- Made from solid brass – standard and custom finishes offered
- Offer an aesthetically appealing option to any design application by allowing the door to swing clear of its opening (folds back into a pocket at a right angle to the closed position of the door)



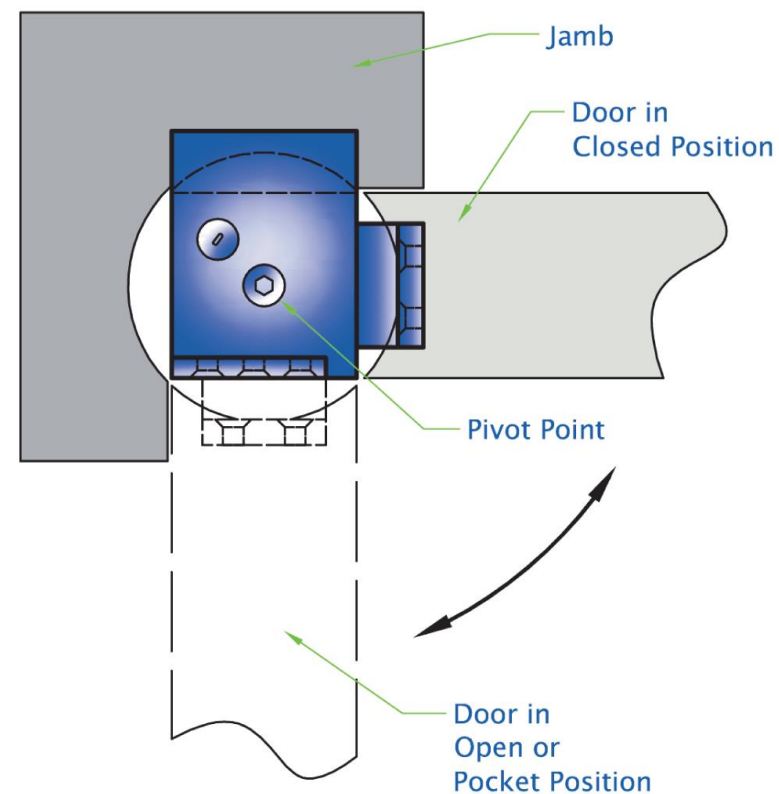
HARMON HINGES CONFIGURATIONS



**Door in open or
"pocket" position**

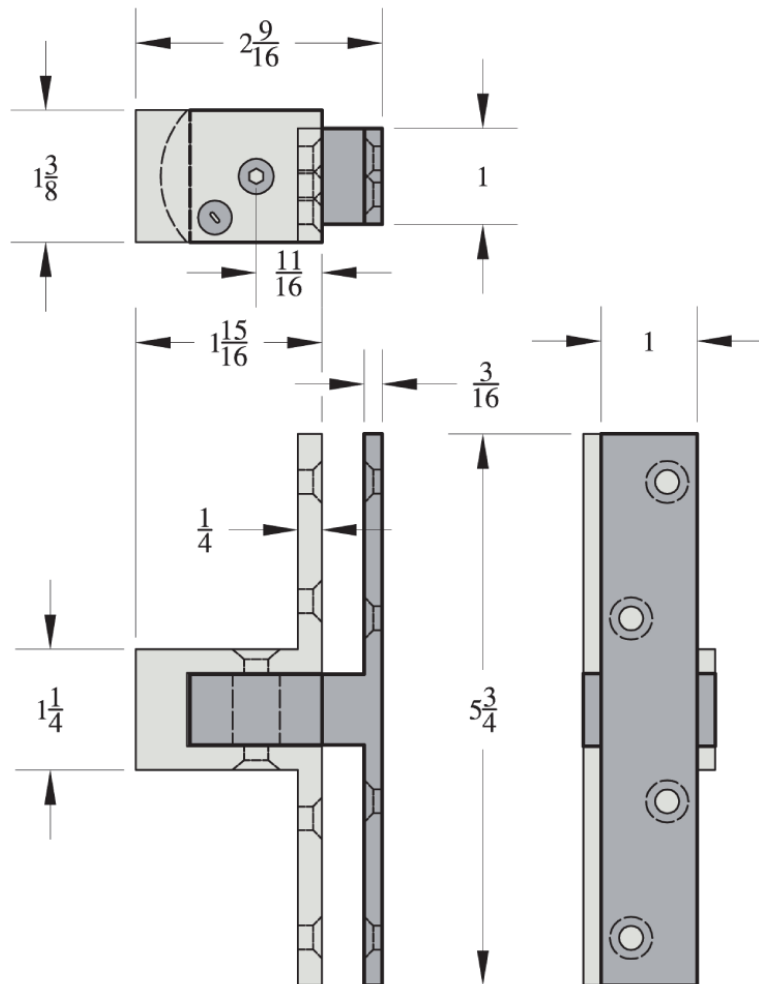


Door in closed position

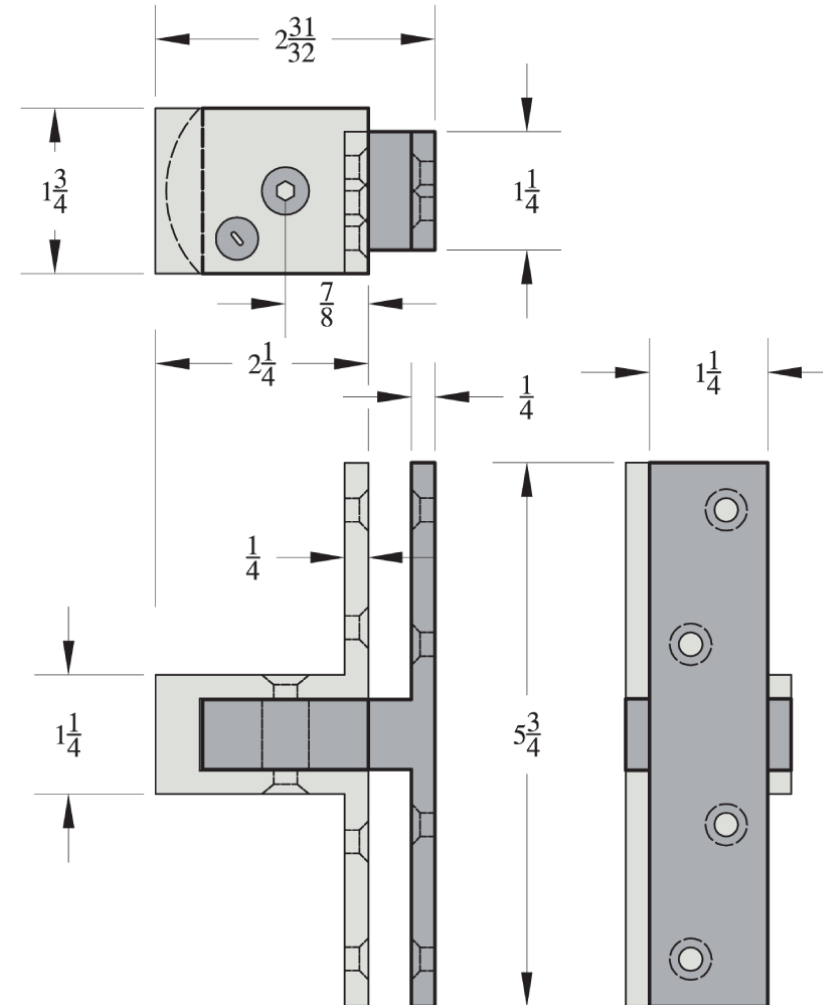


HARMON HINGES DIMENSIONS

For 1 3/8" Thick Doors

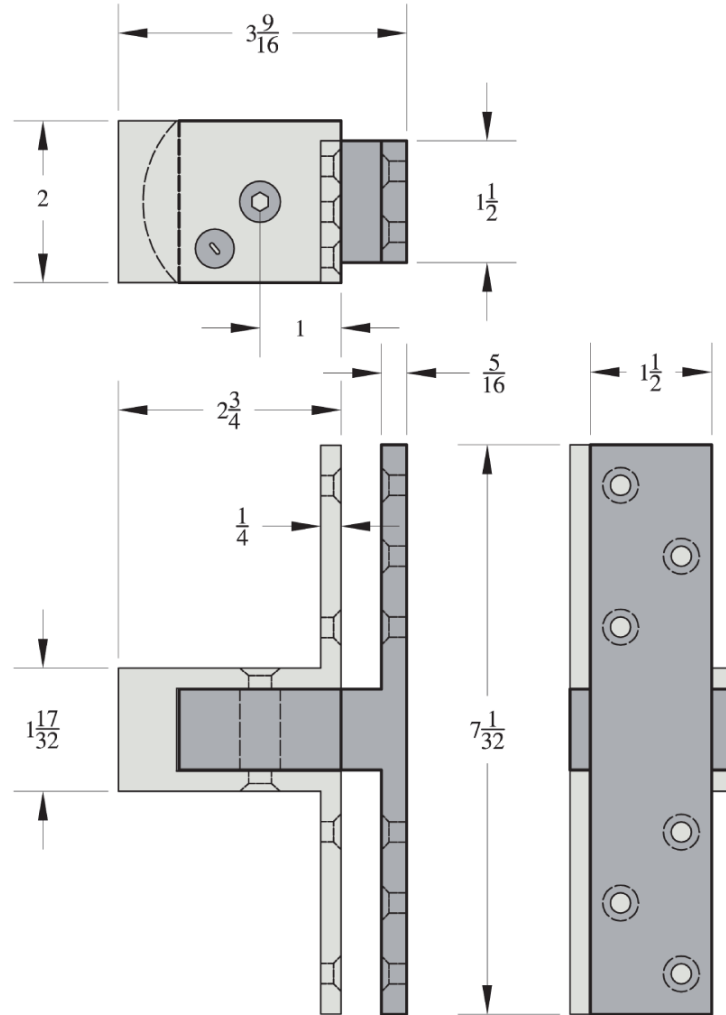


For 1 3/4" Thick Doors

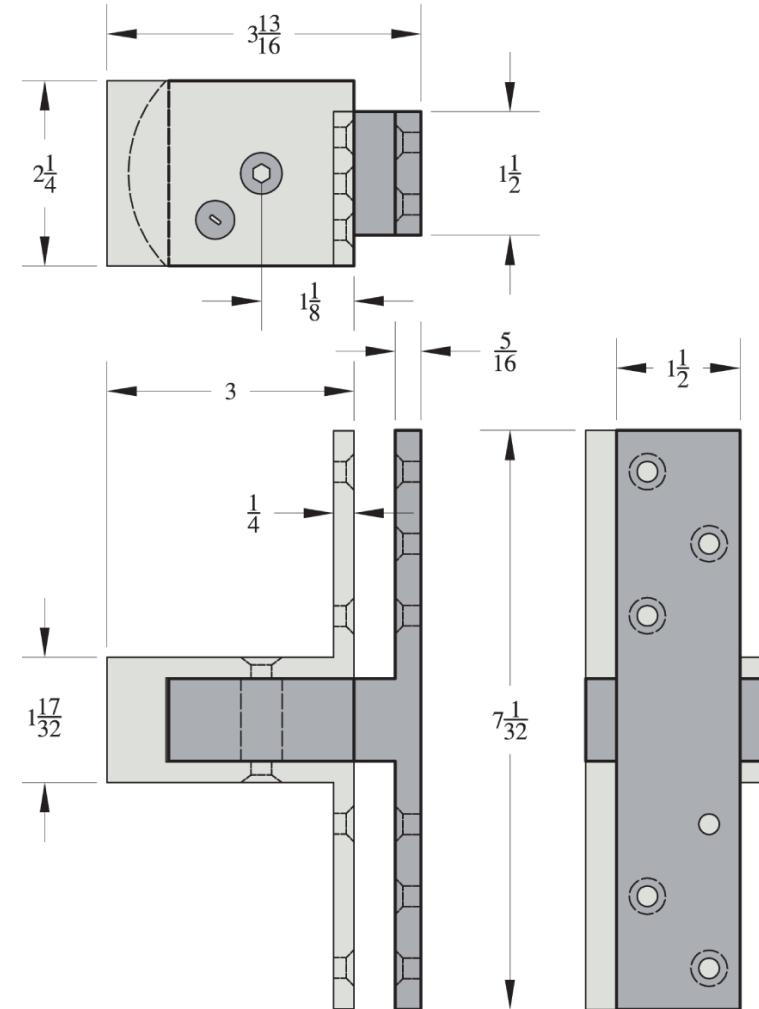


HARMON HINGES DIMENSIONS

For 2" Thick Doors



For 2 ¼" Thick Doors

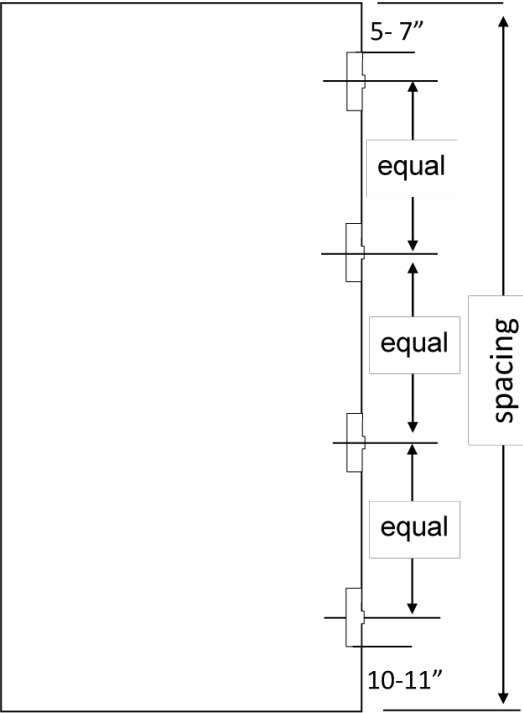


HARMON HINGE SPACING GUIDELINES

Common practice is to locate top and bottom hinges as shown. General guidelines are to use two Harmon Hinges for doors up to 5 ft. tall, adding one hinge for each additional 2 ½ ft. of door height. Take into consideration door weight and frequency of use. Use the below table as a guide.

Door Ht.	No. of Hinges*
Up to 5'	2
7-1/2'	3-4
10'	5-6
12-1/2'	6-7
15'	7-8

*Note: Use higher number of hinges for doors greater than 2" thick or doors with applied features (mirrors, tile/marble or other architectural/design elements).



AVERAGE DOOR WEIGHTS OF ARCHITECTURAL GRADE DOORS

Door Type	Door Thickness		
	1-3/8"	1-3/4"	2"
	lbs/ft ²		
Hollow Metal	4.00	5.00	6.50
Hollow core	2.00	2.50	
Solid Core	3.50	4.50	5.25
Mineral Core	3.50	4.00	
Pine	3.00	3.50	4.00
Oak	5.00	7.00	8.00
Ash	4.00	5.00	6.00
Fir	3.00	3.50	4.00
Birch	4.25	5.50	6.25
Mahogany	3.50	4.50	5.25

		1-3/4" Thick Door		
		Door Width		
Height		32"	36"	48"
		door weight (lbs)		
Pine	80"	62	70	93
	84"	65	74	98
	96"	75	84	112
Oak	80"	124	140	187
	84"	131	147	196
	96"	149	168	224
Ash	80"	89	100	133
	84"	93	105	140
	96"	107	120	160
Fir	80"	62	70	93
	84"	65	74	98
	96"	75	84	112
Birch	80"	98	110	147
	84"	103	116	154
	96"	117	132	176
Mahogany	80"	80	90	120
	84"	84	95	126
	96"	96	108	144
Solid Core	80"	80	90	120
	84"	84	95	126
	96"	96	108	144

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