

# **Hinge and Strike Spacing**



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### **Cautionary Statement**

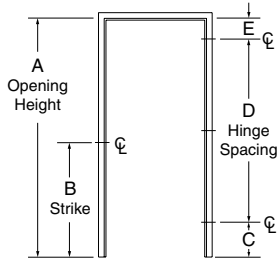
The hinge and strike spacings presented in this brochure are intended as a reference to inform the reader of the standard locations used in the manufacture of steel doors and frames by SDI member companies for the opening sizes shown.

The user must be aware that these spacings shall not be relied upon when retrofitting doors or frames to an existing installation. Field verification of hinge and strike spacings in this situation is necessary.

Dimensions listed are valid at the time of publication. However, manufacturers do periodically revise their hinge and strike spacing, therefore, the SDI strongly recommends that individual manufacturers be contacted to verify dimensions.

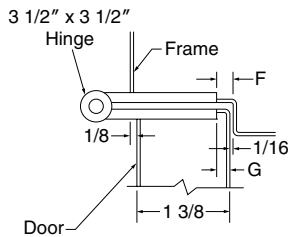
The Steel Door Institute and its member companies shall not be held liable for products manufactured using the information published here.

# Ceco Door

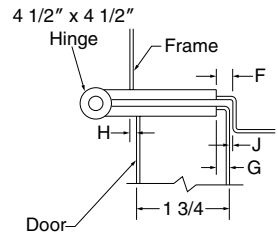


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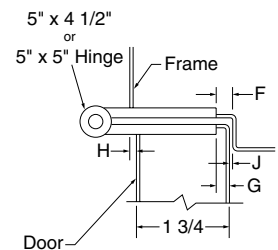
Note: On 3 1/2" hinge preparation for 1 3/8" doors, the standard for 6'-8" non-fire rated frames is two (2) hinges.



3-1/2" Hinge & Strike Comparison for 1-3/8" Thick Doors						
A	B	C	D	E	F	G
6'-8"			2 @ 29-15/16"			
7'-0"	40-5/16"	10-3/8"	2 @ 31-15/16"	9-3/4"	5/16"	1/4"
7'-2"			2 @ 32-15/16"			

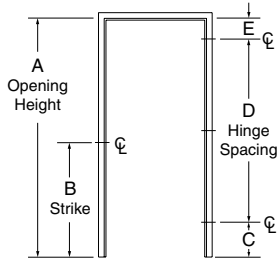


4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 31"					
6'-10"			2 @ 32"					
7'-0"			2 @ 33"					
7'-2"			2 @ 34"					
7'-4"			2 @ 35"					
7'-6"	41-13/16"	9"	2 @ 36"	9"	5/16"	1/4"	1/8"	1/16"
7'-8"			3 @ 24-21/32"					
7'-10"			3 @ 25-21/64"					
8'-0"			3 @ 26"					
9'-0"			3 @ 30"					
10'-0"			3 @ 34"					



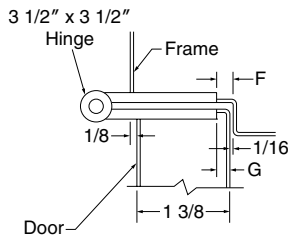
5" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 31"					
6'-10"			2 @ 32"					
7'-0"			2 @ 33"					
7'-2"			2 @ 34"					
7'-4"			2 @ 35"					
7'-6"	41-13/16"	9"	2 @ 36"	9"	5/16"	1/4"	1/8"	1/16"
7'-8"			3 @ 24-21/32"					
7'-10"			3 @ 25-21/64"					
8'-0"			3 @ 26"					
9'-0"			3 @ 30"					
10'-0"			3 @ 34"					

# Curries

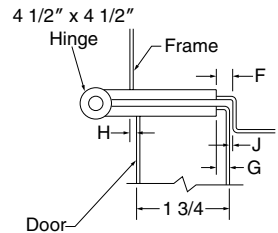


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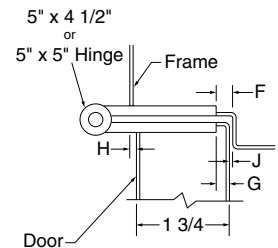
Note: On 3 1/2" hinge preparation for 1 3/8" doors, the standard for non-fire rated frames is two (2) hinges.



A	B	C	D	E	F	G
6'-8"		10-3/8"	2 @ 29-15/16"			
7'-0"	40-5/16"	10-3/8"	2 @ 31-15/16"	9-3/4"	5/16"	1/4"
7'-2"		10-3/8"	2 @ 32-15/16"			

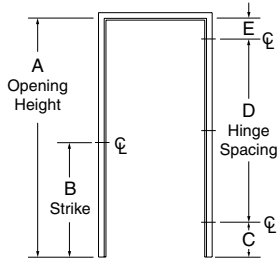


A	B	C	D	E	F	G	H	J
6'-8"		12-1/4"	2 @ 30-1/4"					
6'-10"		12-1/4"	2 @ 31-1/4"					
7'-0"		12-1/4"	2 @ 32-1/4"					
7'-2"		12-1/4"	2 @ 33-1/4"					
7'-4"		12-1/4"	2 @ 34-1/4"					
7'-6"	40"	12-1/4"	2 @ 35-1/4"	7-1/4"	5/16"	1/4"	1/8"	1/16"
7'-8"		12-3/8"	3 @ 24-1/8"					
7'-10"		12-1/8"	3 @ 24-7/8"					
8'-0"		12-1/4"	3 @ 25-1/2"					
9'-0"		12-1/4"	3 @ 29-1/2"					
10'-0"		12-1/4"	3 @ 33-1/2"					

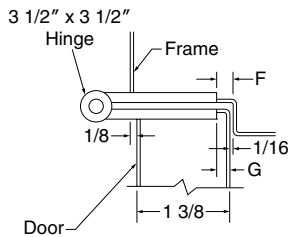


A	B	C	D	E	F	G	H	J
6'-8"		12-1/4"	2 @ 30-1/4"					
6'-10"		12-1/4"	2 @ 31-1/4"					
7'-0"		12-1/4"	2 @ 32-1/4"					
7'-2"		12-1/4"	2 @ 33-1/4"					
7'-4"		12-1/4"	2 @ 34-1/4"					
7'-6"	40"	12-1/4"	2 @ 35-1/4"	7-1/4"	5/16"	1/4"	1/8"	1/16"
7'-8"		12-3/8"	3 @ 24-1/8"					
7'-10"		12-1/8"	3 @ 24-7/8"					
8'-0"		12-1/4"	3 @ 25-1/2"					
9'-0"		12-1/4"	3 @ 29-1/2"					
10'-0"		12-1/4"	3 @ 33-1/2"					

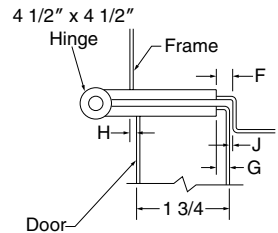
# Deansteel Manufacturing Co.



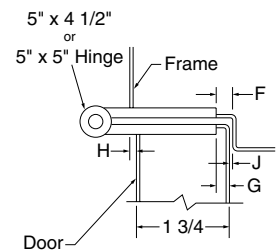
Note: Dimensions listed are valid at time of publication. However, manufacturers do periodically revise their hinge and strike spacing, therefore, the SDI strongly recommends that individual manufacturers be contacted to verify dimensions.



3-1/2" Hinge & Strike Comparison for 1-3/8" Thick Doors						
A	B	C	D	E	F	G
6'-8"			61-1/2"			
7'-0"	40-5/16"	11-3/4"	2 @ 32-3/4"	6-3/4"	5/16"	1/4"
7'-2"			2 @ 33-3/4"			

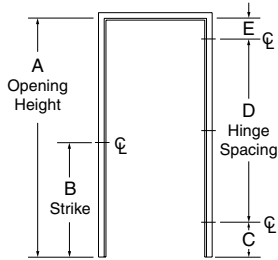


4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 30-1/4"					
6'-10"			2 @ 31-1/4"					
7'-0"			2 @ 32-1/4"					
7'-2"			2 @ 33-1/4"					
7'-4"			2 @ 34-1/4"					
7'-6"	40-5/16"	12-1/4"	2 @ 35-1/4"	7-1/4"	5/16"	1/4"	1/8"	1/16"
7'-8"			24-1/8", 24-1/4", 24-1/8"					
7'-10"			24-7/8", 24-3/4", 24-7/8"					
8'-0"			3 @ 25-1/2"					
9'-0"			3 @ 29-1/2"					
10'-0"			3 @ 33-1/2"					

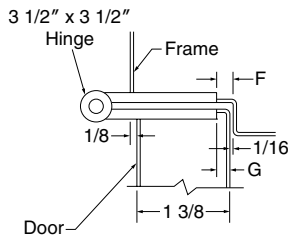


5" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"		12-1/2"	2 @ 30"					
6'-10"		12-1/2"	2 @ 31"					
7'-0"		12-1/2"	2 @ 32"					
7'-2"		12-1/2"	2 @ 33"					
7'-4"		12-1/2"	2 @ 34"					
7'-6"	40-5/16"	12-1/2"	2 @ 35"	7-1/2"	5/16"	1/4"	1/8"	1/16"
7'-8"		12-1/2"	3 @ 24"					
7'-10"		12-1/2"	24-5/8", 24-3/4", 24-5/8"					
8'-0"		12-1/2"	25-3/8", 25-1/4", 25-3/8"					
9'-0"		12-9/16"	3 @ 29-5/16"					
10'-0"		12-9/16"	3 @ 33-5/16"					

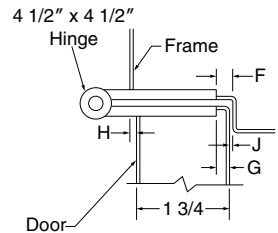
# Door Components Inc.



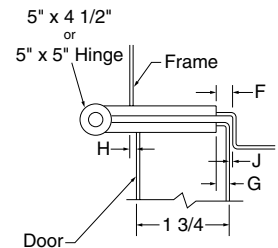
Note: Dimensions listed are valid at time of publication. However, manufacturers do periodically revise their hinge and strike spacing, therefore, the SDI strongly recommends that individual manufacturers be contacted to verify dimensions.



A	B	C	D	E	F	G
6'-8"			2 @ 29-15/16"			
7'-0"	40-5/16"	10-3/8"	2 @ 31-15/16"	9-3/4"	5/16"	1/4"
7'-2"			2 @ 32-15/16"			

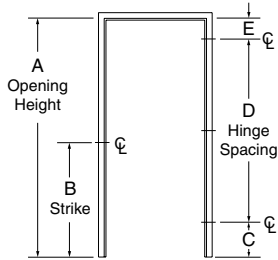


A	B	C	D	E	F	G	H	J
6'-8"			2 @ 29-15/16"					
6'-10"			2 @ 30-15/16"					
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					
7'-4"			2 @ 33-15/16"					
7'-6"	40-5/16"	10-3/8"	2 @ 34-15/16"	9-3/4"	5/16"	1/4"	1/8"	1/16"
7'-8"			23-15/16", 24", 23-15/16"					
7'-10"			3 @ 24-5/8"					
8'-0"			25-5/16", 25-1/4", 25-5/16"					
9'-0"			29-5/16", 29-1/4", 29-5/16"					
10'-0"			33-5/16", 33-1/4", 33-5/16"					

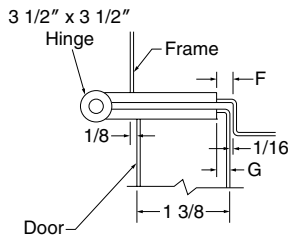


A	B	C	D	E	F	G	H	J
6'-8"			2 @ 29-15/16"					
6'-10"			2 @ 30-15/16"					
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					
7'-4"			2 @ 33-15/16"					
7'-6"	40-5/16"	10-3/8"	2 @ 34-15/16"	9-3/4"	5/16"	1/4"	1/8"	1/16"
7'-8"			23-15/16", 24", 23-15/16"					
7'-10"			3 @ 24-5/8"					
8'-0"			25-5/16", 25-1/4", 25-5/16"					
9'-0"			29-5/16", 29-1/4", 29-5/16"					
10'-0"			33-5/16", 33-1/4", 33-5/16"					

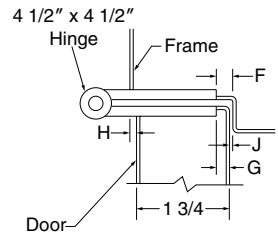
# Hollow Metal Xpress



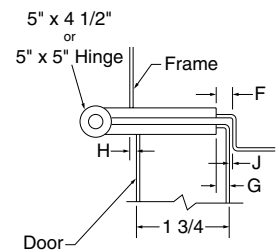
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3-1/2" Hinge & Strike Comparison for 1-3/8" Thick Doors							
A	B	C	D	E	F	G	
—	—	—	—	—	—	—	—

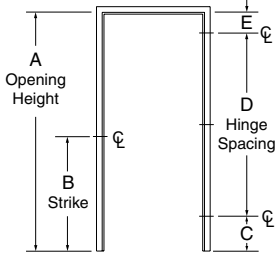


4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 29-15/16"					
6'-10"			2 @ 30-15/16"					
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					
7'-4"			2 @ 33-15/16"					
7'-6"	40-5/16"	10-3/8"	2 @ 34-15/16"	9-3/4"	3/8"	1/4"	1/16"	1/8"
7'-8"			3 @ 23-61/64"					
7'-10"			3 @ 24-5/8"					
8'-0"			3 @ 25-19/64"					
9'-0"			3 @ 29-19/64"					
10'-0"			3 @ 33-19/64"					

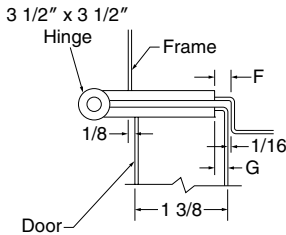


5" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 29-15/16"					
6'-10"			2 @ 30-15/16"					
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					
7'-4"			2 @ 33-15/16"					
7'-6"	40-5/16"	10-3/8"	2 @ 34-15/16"	9-3/4"	3/8"	1/4"	1/16"	1/8"
7'-8"			3 @ 23-61/64"					
7'-10"			3 @ 24-5/8"					
8'-0"			3 @ 25-19/64"					
9'-0"			3 @ 29-19/64"					
10'-0"			3 @ 33-19/64"					

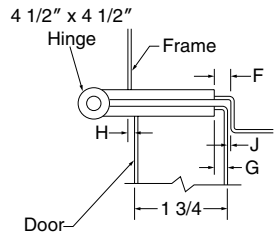
# Mesker Door, Inc.



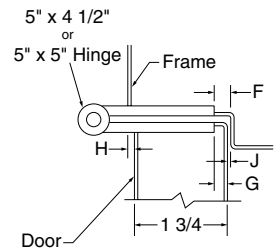
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A	B	C	D	E	F	G
6'-8"			61-1/2"			
7'-0"	40-5/16"	11-3/4"	2 @ 32-3/4"	6-3/4"	1/4"	3/16"
7'-2"			2 @ 33-3/4"			



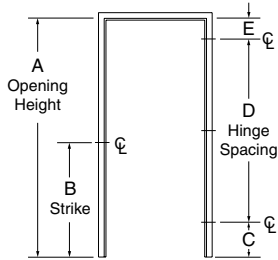
A	B	C	D	E	F	G	H	J
6'-8"		12-1/4"	2 @ 30-1/4"					
6'-10"		12-1/4"	2 @ 31-1/4"					
7'-0"		12-1/4"	2 @ 32-1/4"					
7'-2"		12-1/4"	2 @ 33-1/4"					
7'-4"		12-1/4"	2 @ 34-1/4"					
7'-6"	40-5/16"	12-1/4"	2 @ 35-1/4"	7-1/4"	5/16"	1/4"	1/8"	1/16"
7'-8"		11-1/4"	3 @ 24-1/2"					
7'-10"		10-1/4"	3 @ 25-1/2"					
8'-0"		12-1/4"	3 @ 25-1/2"					
9'-0"		12-1/4"	3 @ 29-1/2"					
10'-0"		12-1/4"	4 @ 25-1/8"					



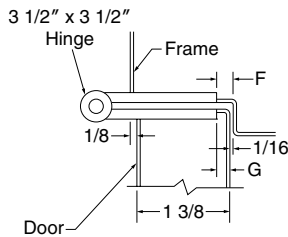
A	B	C	D	E	F	G	H	J
6'-8"		12-1/4"	2 @ 30-1/4"					
6'-10"		12-1/4"	2 @ 31-1/4"					
7'-0"		12-1/4"	2 @ 32-1/4"					
7'-2"		12-1/4"	2 @ 33-1/4"					
7'-4"		12-1/4"	2 @ 34-1/4"					
7'-6"	40-5/16"	12-1/4"	2 @ 35-1/4"	7-1/4"	5/16"	1/4"	1/8"	1/16"
7'-8"		11-1/4"	3 @ 24-1/2"					
7'-10"		10-1/4"	3 @ 25-1/2"					
8'-0"		12-1/4"	3 @ 25-1/2"					
9'-0"		12-1/4"	3 @ 29-1/2"					
10'-0"		12-1/4"	4 @ 25-1/8"					



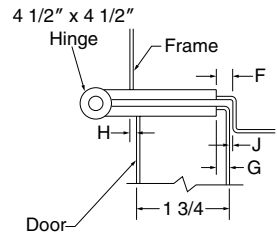
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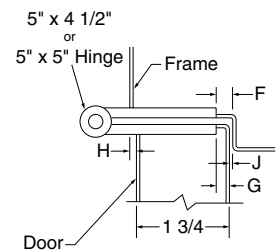
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A	B	C	D	E	F	G
6'-8"			2 @ 30-3/4"			
7'-0"	40-5/16"	11-3/4"	2 @ 32-3/4"	6-3/4"	5/16"	1/4"
7'-2"			2 @ 33-3/4"			

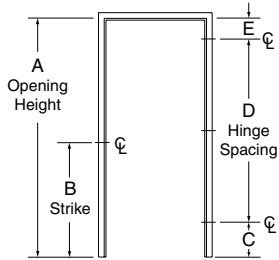


A	B	C	D	E	F	G	H	J
6'-8"			2 @ 30-1/4"					
6'-10"			2 @ 31-1/4"					
7'-0"			2 @ 32-1/4"					
7'-2"			2 @ 33-1/4"					
7'-4"			2 @ 34-1/4"					
7'-6"	40-5/16"	12-1/4"	2 @ 35-1/4"	7-1/4"	5/16"	1/4"	1/8"	1/16"
7'-8"			2 @ 24-3/16", 1 @ 24-1/8"					
7'-10"			2 @ 24-13/16", 1 @ 24-7/8"					
8'-0"			3 @ 25-1/2"					
9'-0"			3 @ 29-1/2"					
10'-0"			3 @ 33-1/2"					

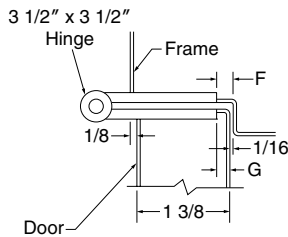


A	B	C	D	E	F	G	H	J
6'-8"			2 @ 30					
6'-10"			2 @ 31					
7'-0"			2 @ 32					
7'-2"			2 @ 33					
7'-4"			2 @ 34					
7'-6"	40-5/16"	12-1/2"	2 @ 35	7-1/2"	5/16"	1/4"	1/8"	1/16"
7'-8"			3 @ 24					
7'-10"			2 @ 24-11/16", 1 @ 24-5/8"					
8'-0"			2 @ 25-5/16", 1 @ 25-3/8"					
9'-0"			2 @ 29-5/16", 1 @ 29-3/8"					
10'-0"			2 @ 33-5/16", 1 @ 33-3/8"					

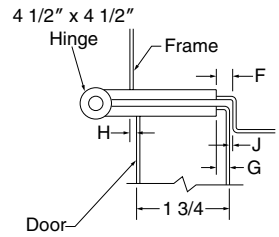
## Pioneer Industries, Inc. – Standard



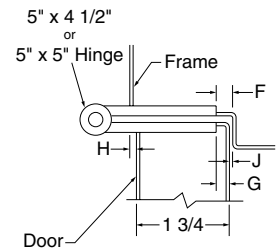
Note: Dimensions listed are valid at time of publication. However, manufacturers do periodically revise their hinge and strike spacing, therefore, the SDI strongly recommends that individual manufacturers be contacted to verify dimensions.



A	B	C	D	E	F	G
6'-8"			2 @ 30-3/4"			
7'-0"	38"	11-3/4"	2 @ 32-3/4"	6-3/4"	5/16"	7/32"
7'-2"			2 @ 33-3/4"			

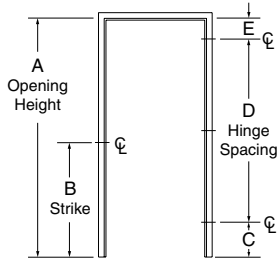


A	B	C	D	E	F	G	H	J
6'-8"		12-1/4"	2 @ 30-1/4"					
6'-10"		12-1/4"	2 @ 31-1/4"					
7'-0"		12-1/4"	2 @ 32-1/4"					
7'-2"		12-1/4"	2 @ 33-1/4"					
7'-4"		12-1/4"	2 @ 34-1/4"					
7'-6"	38"	12-1/4"	3 @ 23-1/2"	7-1/4"	5/16"	7/32"	3/32"	3/32"
7'-8"		12-3/16"	3 @ 24-3/16"					
7'-10"		12-5/16"	3 @ 24-13/16"					
8'-0"		12-1/4"	3 @ 25-1/2"					
9'-0"		12-1/4"	3 @ 29-1/2"					
10'-0"		12-1/4"	3 @ 33-1/2"					

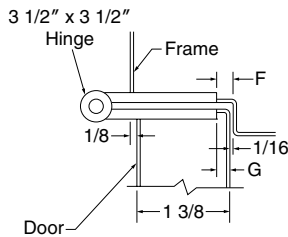


A	B	C	D	E	F	G	H	J
6'-8"		12-1/2"	2 @ 30"					
6'-10"		12-1/2"	2 @ 31"					
7'-0"		12-1/2"	2 @ 32"					
7'-2"		12-1/2"	2 @ 33"					
7'-4"		12-1/2"	2 @ 34"					
7'-6"	38"	12-9/16"	3 @ 23-5/16"	7-1/2"	5/16"	7/32"	3/32"	3/32"
7'-8"		12-1/2"	3 @ 24"					
7'-10"		12-5/8"	3 @ 24-5/8"					
8'-0"		12-9/16"	3 @ 25-5/16"					
9'-0"		12-9/16"	3 @ 29-5/16"					
10'-0"		12-9/16"	3 @ 33-5/16"					

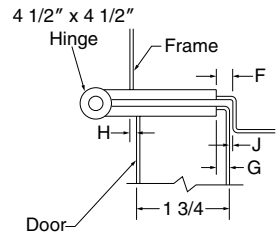
## Pioneer Industries, Inc. – S-Series



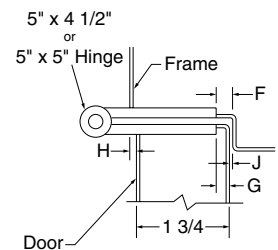
Note: Dimensions listed are valid at time of publication. However, manufacturers do periodically revise their hinge and strike spacing, therefore, the SDI strongly recommends that individual manufacturers be contacted to verify dimensions.



A	B	C	D	E	F	G
6'-8"			2 @ 29-15/16"			
7'-0"	40-5/16"	10-3/8"	2 @ 31-15/16"	9-3/4"	5/16"	7/32"
7'-2"			2 @ 32-15/16"			

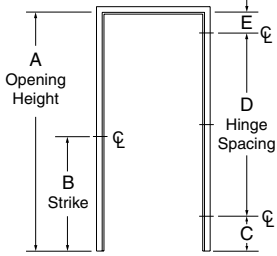


A	B	C	D	E	F	G	H	J
6'-8"			2 @ 29-15/16"					
6'-10"			2 @ 30-15/16"					
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					
7'-4"			2 @ 33-15/16"					
7'-6"	40-5/16"	10-3/8"	2 @ 34-15/16"	9-3/4"	5/16"	7/32"	3/32"	3/32"
7'-8"			3 @ 23-61/64"					
7'-10"			3 @ 24-5/8"					
8'-0"			3 @ 25-19/64"					
9'-0"			3 @ 29-19/64"					
10'-0"			3 @ 33-19/64"					

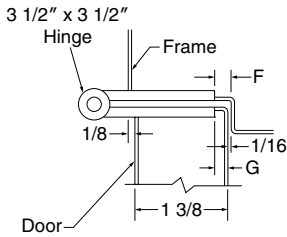


A	B	C	D	E	F	G	H	J
6'-8"			2 @ 29-15/16"					
6'-10"			2 @ 30-15/16"					
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					
7'-4"			2 @ 33-15/16"					
7'-6"	40-5/16"	10-3/8"	2 @ 34-15/16"	9-3/4"	5/16"	7/32"	3/32"	3/32"
7'-8"			3 @ 23-61/64"					
7'-10"			3 @ 24-5/8"					
8'-0"			3 @ 25-19/64"					
9'-0"			3 @ 29-19/64"					
10'-0"			3 @ 33-19/64"					

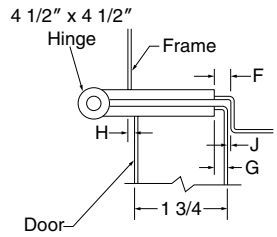
## Republic Doors & Frames



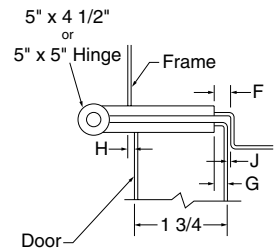
Note: Dimensions listed are valid at time of publication. However, manufacturers do periodically revise their hinge and strike spacing, therefore, the SDI strongly recommends that individual manufacturers be contacted to verify dimensions.



3-1/2" Hinge & Strike Comparison for 1-3/8" Thick Doors						
A	B	C	D	E	F	G
6'-8"			61-1/2"			
6'-8"	40-5/16"	11-3/4"	2 @ 30-3/4"	6-3/4"	5/16"	1/4"
7'-0"			2 @ 32-3/4"			
7'-2"			2 @ 33-3/4"			

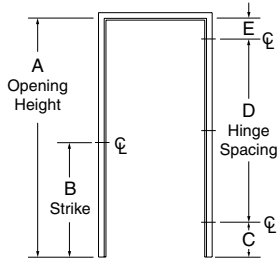


4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"		10-3/8"	2 @ 29-15/16"	9-3/4"				
6'-10"		12-1/4"	2 @ 31-1/4"	7-1/4"				
7'-0"		12-3/8"	2 @ 29-15/16"	11-3/4"				
7'-2"		12-1/4"	2 @ 33-1/4"	7-1/4"				
7'-4"	40-5/16"	12-1/4"	2 @ 34-1/4"	7-1/4"	5/16"	1/4"	1/8"	1/16"
7'-6"		12-1/4"	2 @ 35-1/4"	7-1/4"				
7'-8"		12-1/4"	3 @ 24-11/64"	7-1/4"				
7'-10"		12-1/4"	3 @ 24-53/64"	7-1/4"				
8'-0"		12-1/4"	3 @ 25-1/2"	7-1/4"				
9'-0"		12-1/4"	3 @ 29-1/2"	7-1/4"				
10'-0"		12-1/4"	3 @ 33-1/2"	7-1/4"				



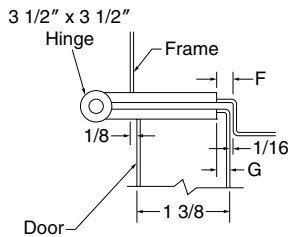
5" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 30"					
6'-10"			2 @ 31"					
7'-0"			2 @ 32"					
7'-2"			2 @ 33"					
7'-4"	40-5/16"	12-1/2"	2 @ 34"	7-1/2"	5/16"	1/4"	1/8"	1/16"
7'-6"			2 @ 35"					
7'-8"			3 @ 24"					
7'-10"			3 @ 24-43/64"					
8'-0"			3 @ 25-21/64"					
9'-0"			3 @ 29-21/64"					
10'-0"			3 @ 33-21/64"					

# Security Metal Products

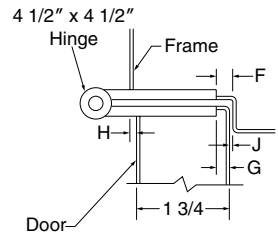


Note: Dimensions listed are valid at time of publication. However, manufacturers do periodically revise their hinge and strike spacing, therefore, the SDI strongly recommends that individual manufacturers be contacted to verify dimensions.

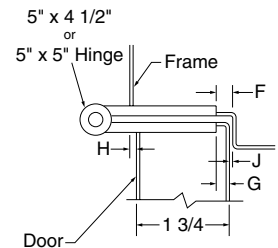
Note: Does not manufacture 1 3/8" thick doors. Frames for 1 3/8" doors are manufactured by special arrangement only.



3-1/2" Hinge & Strike Comparison for 1-3/8" Thick Doors							
A	B	C	D	E	F	G	
—	—	—	—	—	—	—	—

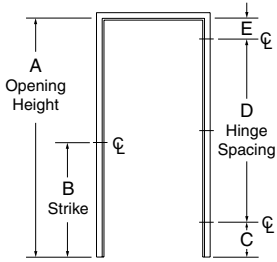


4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"		12-1/4"	2 @ 30-1/4"					
6'-10"		12-1/4"	2 @ 31-1/4"					
7'-0"		12-1/4"	2 @ 32-1/4"					
7'-2"		12-1/4"	2 @ 33-1/4"					
7'-4"		12-1/4"	2 @ 34-1/4"					
7'-6"	40-5/16"	10-1/4"	2 @ 36-1/4"	7-1/4"	3/8"	1/4"	1/16"	1/8"
7'-8"		12-1/4"	3 @ 24-11/64"					
7'-10"		12-1/4"	3 @ 24-53/64"					
8'-0"		12-1/4"	3 @ 25-1/2"					
9'-0"		10-1/4"	3 @ 30-5/32"					
10'-0"		12-1/4"	3 @ 33-1/2"					

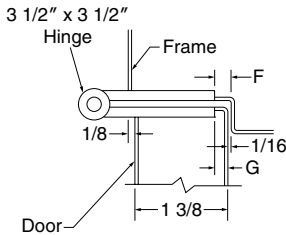


5" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"		12-1/2"	2 @ 30"					
6'-10"		12-1/2"	2 @ 31"					
7'-0"		12-1/2"	2 @ 32"					
7'-2"		12-1/2"	2 @ 33"					
7'-4"		12-1/2"	2 @ 34"					
7'-6"	40-5/16"	10-1/2"	2 @ 36"	7-1/2"	3/8"	1/4"	1/16"	1/8"
7'-8"		12-1/2"	3 @ 24"					
7'-10"		12-1/2"	3 @ 24-43/64"					
8'-0"		12-1/2"	3 @ 25-21/64"					
9'-0"		10-1/2"	3 @ 30"					
10'-0"		12-1/2"	3 @ 33-21/64"					

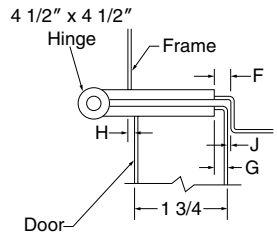
# Steelcraft



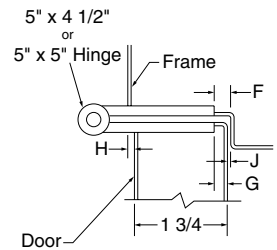
Note: Dimensions listed are valid at time of publication. However, manufacturers do periodically revise their hinge and strike spacing, therefore, the SDI strongly recommends that individual manufacturers be contacted to verify dimensions.



A	B	C	D	E	F	G
6'-8"			59-7/8"			
7'-0"	40-5/16"	10-3/8"	2 @ 31-15/16"	9-3/4"	5/16"	1/4"
7'-2"			2 @ 32-15/16"			



A	B	C	D	E	F	G	H	J
6'-8"			2 @ 29-15/16"					
6'-10"			2 @ 30-15/16"					
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					
7'-4"			2 @ 33-15/16"					
7'-6"	40-5/16"	10-3/8"	2 @ 34-15/16"	9-3/4"	5/16"	1/4"	1/8"	1/16"
7'-8"			3 @ 23-61/64"					
7'-10"			3 @ 24-5/8"					
8'-0"			3 @ 25-19/64"					
9'-0"			3 @ 29-19/64"					
10'-0"			3 @ 33-19/64"					

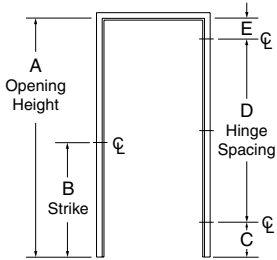


A	B	C	D	E	F	G	H	J
6'-8"			2 @ 29-15/16"					
6'-10"			2 @ 30-15/16"					
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					
7'-4"			2 @ 33-15/16"					
7'-6"	40-5/16"	10-3/8"	2 @ 34-15/16"	9-3/4"	5/16"	1/4"	1/8"	1/16"
7'-8"			3 @ 23-61/64"					
7'-10"			3 @ 24-5/8"					
8'-0"			3 @ 25-19/64"					
9'-0"			3 @ 29-19/64"					
10'-0"			3 @ 33-19/64"					

The following companies are included for historical purposes only.  
The validity of their hinge and strike spacing data cannot be confirmed.

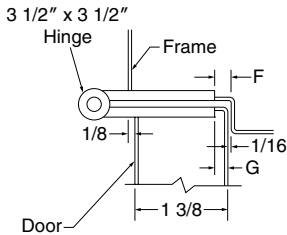
# Benchmark

Note: Benchmark is no longer a member of the Steel Door Institute. Its hinge and strike spacing are included for legacy purposes; the validity of the data cannot be confirmed



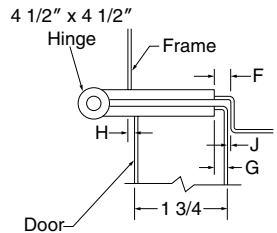
**3-1/2" Hinge & Strike Comparison for 1-3/8" Thick Doors**

A	B	C	D	E	F	G
—	—	—	—	—	—	—



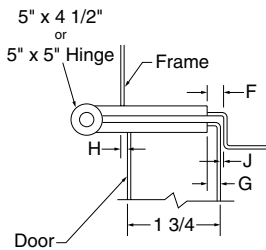
**4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors**

A	B	C	D	E	F	G	H	J
6'-8"	40-5/16"	12-1/4"	2 @ 30-1/4"	7-1/4"	1 1/32"	1/4"	1/8"	3/32"
6'-10"		14-1/4"	2 @ 30-1/4"					
7'-0"		12-1/4"	2 @ 32-1/4"					
7'-2"		14-1/4"	2 @ 32-1/4"					
7'-4"		12-1/4"	2 @ 34-1/4"					
7'-6"		14-1/4"	2 @ 34-1/4"					
7'-8"		8-1/4"	3 @ 25-1/2"					
7'-10"		10-1/4"	3 @ 25-1/2"					
8'-0"		12-1/4"	3 @ 25-1/2"					



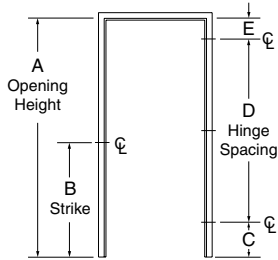
**5" Hinge & Strike Comparison for 1-3/4" Thick Doors**

A	B	C	D	E	F	G	H	J
—	—	—	—	—	—	—	—	—

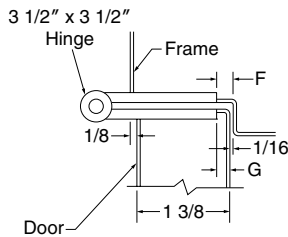




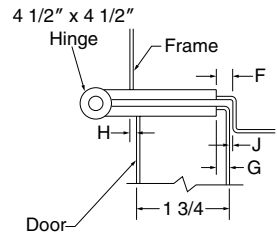
# Black Mountain Door



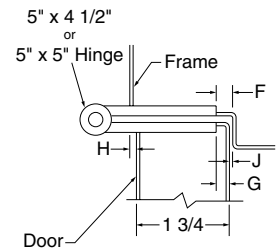
Note: Dimensions listed are valid at time of publication. However, manufacturers do periodically revise their hinge and strike spacing, therefore, the SDI strongly recommends that individual manufacturers be contacted to verify dimensions.



A	B	C	D	E	F	G
6'-8"		10-3/8"				
7'-0"	40-5/16"	14-3/8"	59-7/8"	9-3/4"	5/16"	3/16"
7'-2"		16-3/8"				

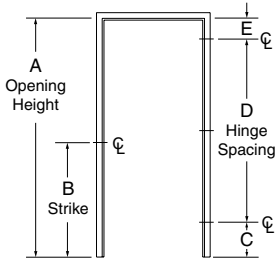


A	B	C	D	E	F	G	H	J
6'-8"		10-3/8"	2 @ 29-15/16"					
6'-10"		8-3/8"	2 @ 31-15/16"					
7'-0"		10-3/8"	2 @ 31-15/16"					
7'-2"		12-3/8"	2 @ 31-15/16"					
7'-4"		10-3/8"	2 @ 33-15/16"					
7'-6"	40-5/16"	12-3/8"	2 @ 33-15/16"	9-3/4"	5/16"	3/16"	1/16"	1/8"
7'-8"		10-7/16"	3 @ 23-15/16"					
7'-10"		8-5/16"	3 @ 25-5/16"					
8'-0"		10-5/16"	3 @ 25-5/16"					
9'-0"		8-7/16"	3 @ 29-15/16"					
10'-0"		11-7/16"	3 @ 32-15/16"					

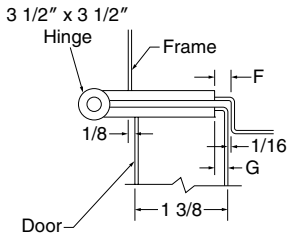


A	B	C	D	E	F	G	H	J
6'-8"		10-3/8"	2 @ 29-15/16"					
6'-10"		8-3/8"	2 @ 31-15/16"					
7'-0"		10-3/8"	2 @ 31-15/16"					
7'-2"		12-3/8"	2 @ 31-15/16"					
7'-4"		10-3/8"	2 @ 33-15/16"					
7'-6"	40-5/16"	12-3/8"	2 @ 33-15/16"	9-3/4"	5/16"	3/16"	1/16"	1/8"
7'-8"		10-7/16"	3 @ 23-15/16"					
7'-10"		8-5/16"	3 @ 25-5/16"					
8'-0"		10-5/16"	3 @ 25-5/16"					
9'-0"		8-7/16"	3 @ 29-15/16"					
10'-0"		11-7/16"	3 @ 32-15/16"					

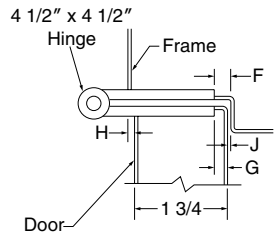
# Copco



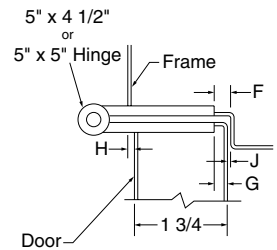
Note: Copco is no longer a member of the Steel Door Institute. Its hinge and strike spacing are included for legacy purposes; the validity of the data cannot be confirmed



3-1/2" Hinge & Strike Comparison for 1-3/8" Thick Doors						
A	B	C	D	E	F	G
6'-8"			2 @ 29-15/16"			
7'-0"	40-5/16"	10-3/8"	2 @ 31-15/16"	9-3/4"	5/16"	7/32"
7'-2"			2 @ 32-15/16"			

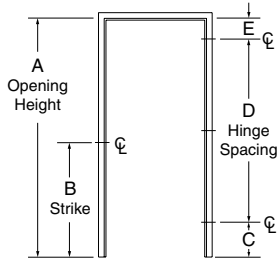


4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 29-15/16"					
6'-10"			2 @ 30-15/16"					
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					
7'-4"	40-5/16"	10-3/8"	2 @ 33-15/16"	9-3/4"	5/16"	7/32"	1/32"	3/32"
7'-6"			2 @ 34-15/16"					
7'-8"			3 @ 23-19/64"					
7'-10"			3 @ 24-19/64"					
8'-0"			3 @ 25-19/64"					

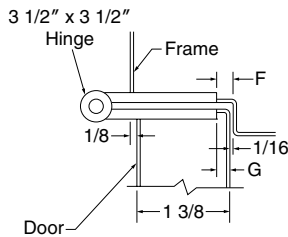


5" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 29-15/16"					
6'-10"			2 @ 30-15/16"					
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					
7'-4"	40-5/16"	10-3/8"	2 @ 33-15/16"	9-3/4"	5/16"	7/32"	1/32"	3/32"
7'-6"			2 @ 34-15/16"					
7'-8"			3 @ 23-19/64"					
7'-10"			3 @ 24-19/64"					
8'-0"			3 @ 25-19/64"					

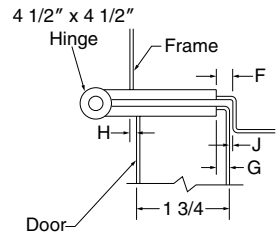
# Kewanee



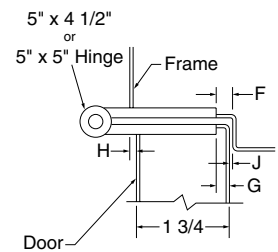
Note: Kewanee is no longer a member of the Steel Door Institute. Its hinge and strike spacing are included for legacy purposes; the validity of the data cannot be confirmed



3-1/2" Hinge & Strike Comparison for 1-3/8" Thick Doors						
A	B	C	D	E	F	G
6'-8"			60-1/8"			
7'-0"	40-5/16"	11-3/4"	2 @ 32-1/16"	9-5/8"	1/4"	3/16"
7'-2"			2 @ 33-1/16"			



4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 30-1/16"					
6'-10"			2 @ 31-1/16"					
7'-0"			2 @ 32-1/16"					
7'-2"			2 @ 33-1/16"					
7'-4"	40-5/16"	10-1/4"	2 @ 34-1/16"	9-5/8"	3/8"	1/4"	1/16"	1/8"
7'-6"			2 @ 35-1/16"					
7'-8"			24-1/16", 24", 24-1/16"					
7'-10"			24-11/16", 24-3/4", 24-11/16"					
8'-0"			3 @ 25-3/8"					



5" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 30-1/16"					
6'-10"			2 @ 31-1/16"					
7'-0"			2 @ 32-1/16"					
7'-2"			2 @ 33-1/16"					
7'-4"	40-5/16"	10-1/4"	2 @ 34-1/16"	9-5/8"	3/8"	1/4"	1/16"	1/8"
7'-6"			2 @ 35-1/16"					
7'-8"			24-1/16", 24", 24-1/16"					
7'-10"			24-11/16", 24-3/4", 24-11/16"					
8'-0"			3 @ 25-3/8"					

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## AVAILABLE PUBLICATIONS

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### Specifications

- ANSI/SDI A250.6** Recommended Practice for Hardware Reinforcings on Standard Steel Doors and Frames
- ANSI/SDI A250.8** SDI 100 Specifications for Standard Steel Doors & Frames
- SDI-108** Recommended Selection & Usage Guide for Standard Steel Doors
- SDI-118** Basic Fire Door, Fire Door Frame, Transom/Sidelight Frame, and Window Frame Requirements
- SDI-128** Guidelines for Acoustical Performance of Standard Steel Doors & Frames
- SDI-129** Hinge & Strike Spacing

### Test Procedures

- ANSI/SDI A250.3** Test Procedure & Acceptance Criteria for Factory Applied Finish Coatings for Steel Doors & Frames
- ANSI/SDI A250.4** Test Procedure & Acceptance Criteria for Physical Endurance for Steel Doors, Frames and Frame Anchors
- ANSI/SDI A250.10** Test Procedure & Acceptance Criteria for Prime Painted Steel Surfaces for Steel Doors & Frames
- ANSI/SDI A250.13** Testing and Rating of Severe Windstorm Resistant Components for Swinging Door Assemblies for Protection of Building Envelopes (Not applicable for FEMA 320/361 or ICC-500 Shelters)
- SDI-113** Standard Practice for Determining the Steady State Thermal Transmittance of Steel Door & Frame Assemblies
- SDI-131** Accelerated Physical Endurance Test Procedure for Steel Doors, Frames and Frame Anchors

### Construction Details

- ANSI/SDI A250.11** Recommended Erection Instructions for Steel Frames
- SDI-110** Standard Steel Doors & Frames for Modular Masonry Construction
- SDI-111** Recommended Details for Standard Details Steel Doors, Frames, Accessories and Related Components
- SDI-122** Installation Troubleshooting Guide for Standard Steel Doors & Frames

### Miscellaneous Documents

- SDI-112** Zinc-Coated (Galvanized/Galvannealed) Standard Steel Doors & Frames
- SDI-117** Manufacturing Tolerances for Standard Steel Doors & Frames
- SDI-124** Maintenance of Standard Steel Doors & Frames
- SDI-127** Industry Alert Series (A-L)
- SDI-130** Electrified Hinge Preparations
- SDI-134** Nomenclature for Standard Steel Doors & Steel Frames

**AUDIO-VISUAL PROGRAMS ALSO AVAILABLE**

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