

Hinge and Strike Spacing



Standards As Tough As Steel.™

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STEEL DOOR INSTITUTE

30200 DETROIT ROAD • CLEVELAND, OHIO 44145

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.

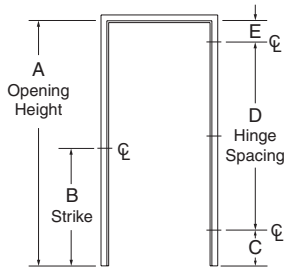
The Steel Door Institute and its member companies shall not be held liable for products manufactured using the information published here.

Notes

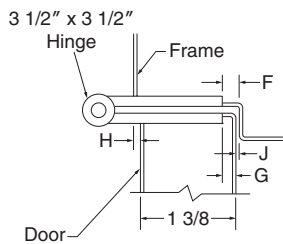
Tolerances – All values which do not carry specific tolerances or are not marked maximum or minimum shall have the following tolerances: Linear dimensions shall be $\pm 1/16$ in. (1.6 mm). Weight or force shall be $\pm 2\%$. Angles shall be ± 2 degrees. Where only minus tolerances are given, the dimensions are permitted to be exceeded at the option of the manufacturers.

Gauge vs. Thickness – While the term 'gauge' is no longer common for defining material thickness it is still used to specify doors and frames for ordering purposes. The term 'thickness' is used when defining the actual dimension of an item, and the term 'gauge' is used in the context of specifying a particular door or frame.

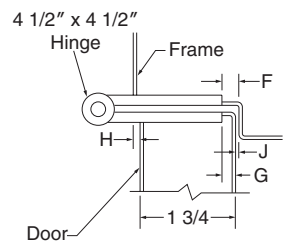
Ceco Door



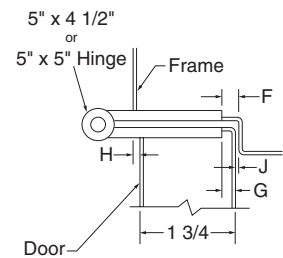
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3-1/2" Hinge & Strike Comparison for 1-3/8" Thick Doors									
A	B	C	D	E	F	G	H	J	
—	—	—	—	—	—	—	—	—	—

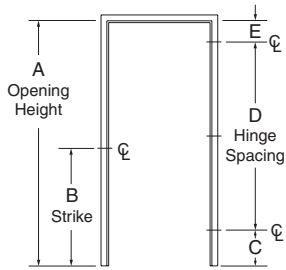


4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors									
A	B	C	D	E	F	G	H	J	
6'-8"			2 @ 31"						
6'-10"			2 @ 32"						
7'-0"			2 @ 33"						
7'-2"			2 @ 34"						
7'-4"			2 @ 35"						
7'-6"	41-13/16"	9"	2 @ 36"	9"	5/16"	1/4"	1/8"	1/16"	
7'-8"			3 @ 24-21/32"						
7'-10"			3 @ 25-21/64"		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



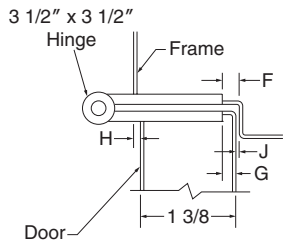
5" Hinge & Strike Comparison for 1-3/4" Thick Doors									
A	B	C	D	E	F	G	H	J	
6'-8"			2 @ 31"						
6'-10"			2 @ 32"						
7'-0"			2 @ 33"						
7'-2"			2 @ 34"						
7'-4"			2 @ 35"						
7'-6"	41-13/16"	9"	2 @ 36"	9"	5/16"	1/4"	1/8"	1/16"	
7'-8"			3 @ 24-21/32"						
7'-10"			3 @ 25-21/64"						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

Curries

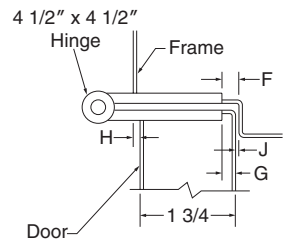


Note: Dimensions listed are valid at time of publication. However, manufacturers do periodically revise their hinge and strike spacing, therefore, the SDI strongly recommends that individual manufacturers be contacted to verify dimensions.

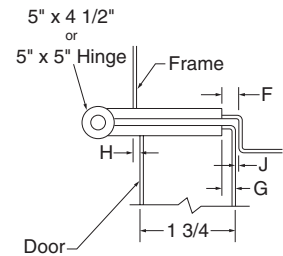
Note: On 3 1/2" hinge preparation for 1 3/8" doors, the standard for non-fire rated frames is two (2) hinges.



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

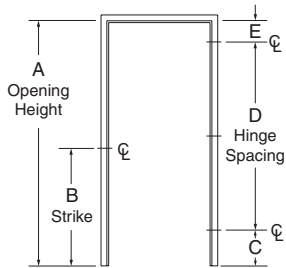


4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors									
A	B	C	D	E	F	G	H	J	
6'-8"		12-1/4"	2 @ 30-1/4"						
6'-10"		12-1/4"	2 @ 31-1/4"						
7'-0"		12-1/4"	2 @ 32-1/4"						
7'-2"		12-1/4"	2 @ 33-1/4"						
7'-4"		12-1/4"	2 @ 34-1/4"						
7'-6"	40"	12-1/4"	2 @ 35-1/4"	7-1/4"	5/16"	1/4"	1/8"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

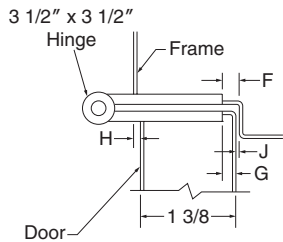


5" Hinge & Strike Comparison for 1-3/4" Thick Doors									
A	B	C	D	E	F	G	H	J	
6'-8"		12-1/4"	2 @ 30-1/4"						
6'-10"		12-1/4"	2 @ 31-1/4"						
7'-0"		12-1/4"	2 @ 32-1/4"						
7'-2"		12-1/4"	2 @ 33-1/4"						
7'-4"		12-1/4"	2 @ 34-1/4"						
7'-6"	40"	12-1/4"	2 @ 35-1/4"	7-1/4"	5/16"	1/4"	1/8"	1/16"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

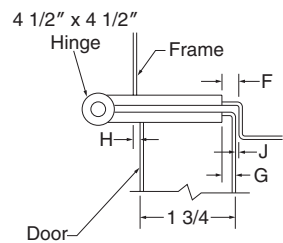
De La Fontaine Industries



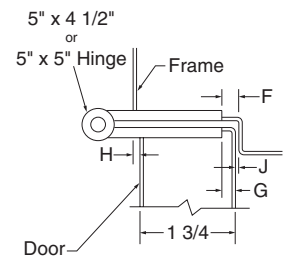
Note: Dimensions listed are valid at time of publication. However, manufacturers do periodically revise their hinge and strike spacing, therefore, the SDI strongly recommends that individual manufacturers be contacted to verify dimensions.



3-1/2" Hinge & Strike Comparison for 1-3/8" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			59-7/8"					
6'-8"	40-5/16"	10-3/8"	2 @ 29-15/16"	9-3/4"	5/16"	3/16"	1/16"	1/8"
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					

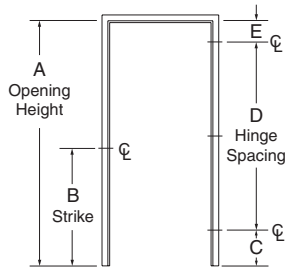


4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 29-15/16"					
6'-10"			2 @ 30-15/16"					
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					
7'-4"	40-5/16"	10-3/8"	2 @ 33-15/16"	9-3/4"	3/8"	1/4"	1/16"	1/8"
7'-6"			2 @ 34-15/16"					
7'-8"			3 @ 23-61/64"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

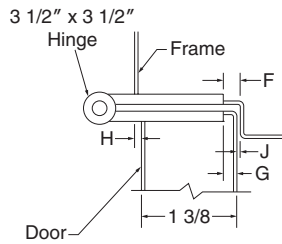


5" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 29-15/16"					
6'-10"			2 @ 30-15/16"					
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					
7'-4"	40-5/16"	10-3/8"	2 @ 33-15/16"	9-3/4"	3/8"	1/4"	1/16"	1/8"
7'-6"			2 @ 34-15/16"					
7'-8"			3 @ 23-61/64"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

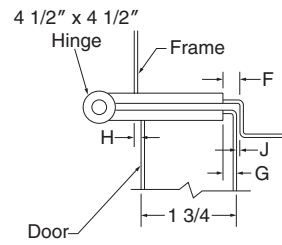
Deansteel Manufacturing Co.



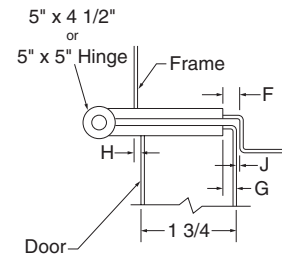
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3-1/2" Hinge & Strike Comparison for 1-3/8" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			61-1/2"					
7'-0"	40-5/16"	11-3/4"	2 @ 32-3/4"	6-3/4"	5/16"	1/4"	1/8"	1/16"
7'-2"			2 @ 33-3/4"					

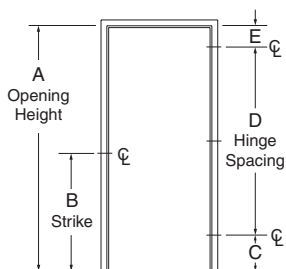


4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 30-1/4"					
6'-10"			2 @ 31-1/4"					
7'-0"			2 @ 32-1/4"					
7'-2"			2 @ 33-1/4"					
7'-4"			2 @ 34-1/4"					
7'-6"	40-5/16"	12-1/4"	2 @ 35-1/4"	7-1/4"	5/16"	1/4"	1/8"	1/16"
7'-8"			24-1/8", 24-1/4", 24-1/8"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

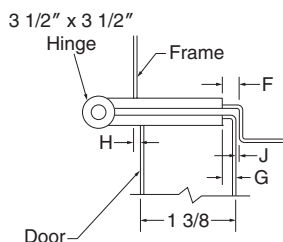


5" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"		12-1/2"	2 @ 30"					
6'-10"		12-1/2"	2 @ 31"					
7'-0"		12-1/2"	2 @ 32"					
7'-2"		12-1/2"	2 @ 33"					
7'-4"		12-1/2"	2 @ 34"					
7'-6"	40-5/16"	12-1/2"	2 @ 35"	7-1/2"	5/16"	1/4"	1/8"	1/16"
7'-8"		12-1/2"	3 @ 24"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

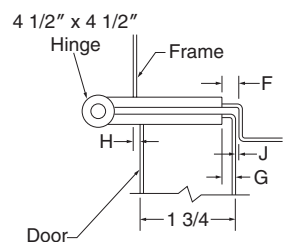
Door Components Inc.



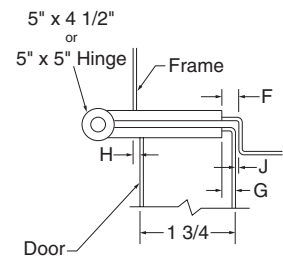
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3-1/2" Hinge & Strike Comparison for 1-3/8" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 29-15/16"					
7'-0"	40-5/16"	10-3/8"	2 @ 31-15/16"	9-3/4"	5/16"	1/4"	1/8"	1/16"
7'-2"			2 @ 32-15/16"					

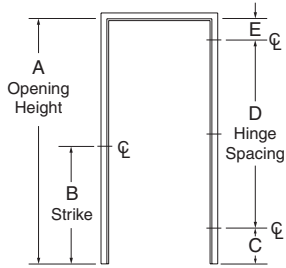


4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 29-15/16"					
6'-10"			2 @ 30-15/16"					
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					
7'-4"			2 @ 33-15/16"					
7'-6"	40-5/16"	10-3/8"	2 @ 34-15/16"	9-3/4"	5/16"	1/4"	1/8"	1/16"
7'-8"			23-15/16",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

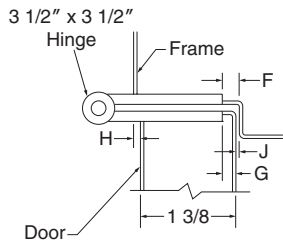


5" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 29-15/16"					
6'-10"			2 @ 30-15/16"					
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					
7'-4"			2 @ 33-15/16"					
7'-6"	40-5/16"	10-3/8"	2 @ 34-15/16"	9-3/4"	5/16"	1/4"	1/8"	1/16"
7'-8"			23-15/16", 24",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

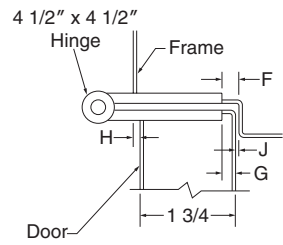
Hollow Metal Xpress (HMX)



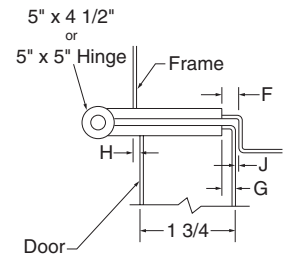
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3-1/2" Hinge & Strike Comparison for 1-3/8" Thick Doors									
A	B	C	D	E	F	G	H	J	
—	—	—	—	—	—	—	—	—	—

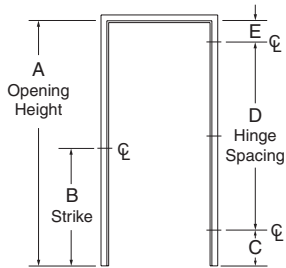


4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors									
A	B	C	D	E	F	G	H	J	
6'-8"			2 @ 29-15/16"						
6'-10"			2 @ 30-15/16"						
7'-0"			2 @ 31-15/16"						
7'-2"			2 @ 32-15/16"						
7'-4"			2 @ 33-15/16"						
7'-6"	40-5/16"	10-3/8"	2 @ 34-15/16"	9-3/4"	3/8"	1/4"	1/16"	1/8"	
7'-8"			3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

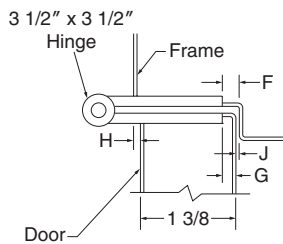


5" Hinge & Strike Comparison for 1-3/4" Thick Doors									
A	B	C	D	E	F	G	H	J	
6'-8"			2 @ 29-15/16"						
6'-10"			2 @ 30-15/16"						
7'-0"			2 @ 31-15/16"						
7'-2"			2 @ 32-15/16"						
7'-4"			2 @ 33-15/16"						
7'-6"	40-5/16"	10-3/8"	2 @ 34-15/16"	9-3/4"	3/8"	1/4"	1/16"	1/8"	
7'-8"			3 @ 23-61/64"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

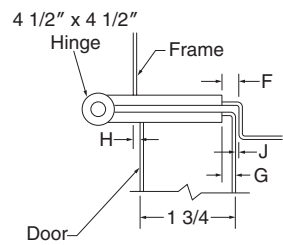
Mesker Door



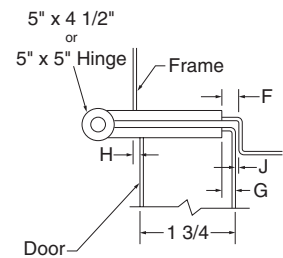
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3-1/2" Hinge & Strike Comparison for 1-3/8" Thick Doors									
A	B	C	D	E	F	G	H	J	
6'-8"			61-1/2"						
7'-0"	40-5/16"	11-3/4"	2 @ 32-3/4"	6-3/4"	1/4"	3/16"	1/8"	1/16"	
7'-2"			2 @ 33-3/4"						

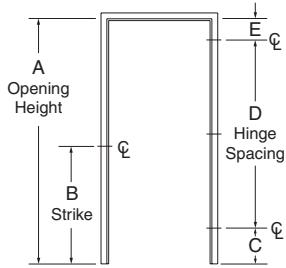


4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors									
A	B	C	D	E	F	G	H	J	
6'-8"		12-1/4"	2 @ 30-1/4"						
6'-10"		12-1/4"	2 @ 31-1/4"						
7'-0"		12-1/4"	2 @ 32-1/4"						
7'-2"		12-1/4"	2 @ 33-1/4"						
7'-4"		12-1/4"	2 @ 34-1/4"						
7'-6"	40-5/16"	12-1/4"	2 @ 35-1/4"	7-1/4"	5/16"	1/4"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

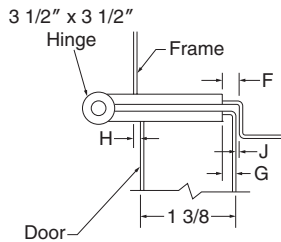


5" Hinge & Strike Comparison for 1-3/4" Thick Doors									
A	B	C	D	E	F	G	H	J	
6'-8"		12-1/4"	2 @ 30-1/4"						
6'-10"		12-1/4"	2 @ 31-1/4"						
7'-0"		12-1/4"	2 @ 32-1/4"						
7'-2"		12-1/4"	2 @ 33-1/4"						
7'-4"		12-1/4"	2 @ 34-1/4"						
7'-6"	40-5/16"	12-1/4"	2 @ 35-1/4"	7-1/4"	5/16"	1/4"	1/8"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

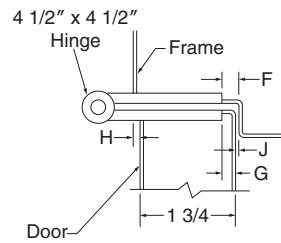
MPI



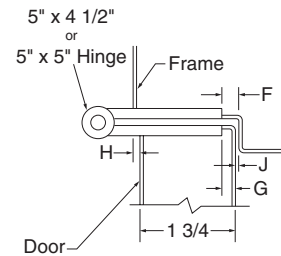
Note: Dimensions listed are valid at time of publication. However, manufacturers do periodically revise their hinge and strike spacing, therefore, the SDI strongly recommends that individual manufacturers be contacted to verify dimensions.



3-1/2" Hinge & Strike Comparison for 1-3/8" Thick Doors								
A	B	C	D	E	F	G	H	J
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"	1/8"	1/16"
7'-2"			2 @ 33-3/4"					

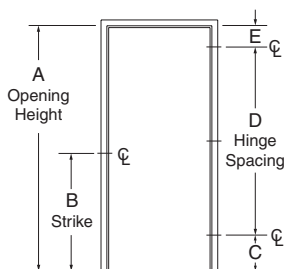


4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 30-1/4"					
6'-10"			2 @ 31-1/4"					
7'-0"			2 @ 32-1/4"					
7'-2"			2 @ 33-1/4"					
7'-4"			2 @ 34-1/4"					
7'-6"	40-5/16"	12-1/4"	2 @ 35-1/4"	7-1/4"	5/16"	1/4"	1/8"	1/16"
7'-8"			2 @ 24-3/16", 1 @ 24-1/8"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

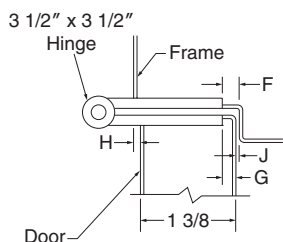


5" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 30					
6'-10"			2 @ 31					
7'-0"			2 @ 32					
7'-2"			2 @ 33					
7'-4"			2 @ 34					
7'-6"	40-5/16"	12-1/2"	2 @ 35	7-1/2"	5/16"	1/4"	1/8"	1/16"
7'-8"			3 @ 24					
7'-10"			2 @ 24-1/16", 1 @ 24-5/8"					
8'-0"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

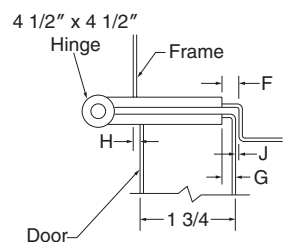
Pioneer Industries, Inc. – Standard



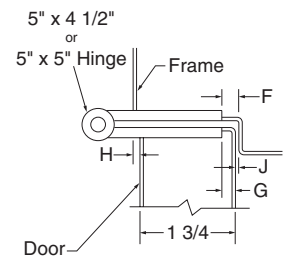
Note: Dimensions listed are valid at time of publication. However, manufacturers do periodically revise their hinge and strike spacing, therefore, the SDI strongly recommends that individual manufacturers be contacted to verify dimensions.



3-1/2" Hinge & Strike Comparison for 1-3/8" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 30-3/4"					
7'-0"	38"	11-3/4"	2 @ 32-3/4"	6-3/4"	5/16"	7/32"	1/8"	1/16"
7'-2"			2 @ 33-3/4"					

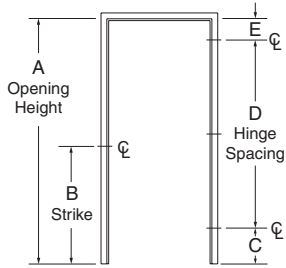


4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"		12-1/4"	2 @ 30-1/4"					
6'-10"		12-1/4"	2 @ 31-1/4"					
7'-0"		12-1/4"	2 @ 32-1/4"					
7'-2"		12-1/4"	2 @ 33-1/4"					
7'-4"		12-1/4"	2 @ 34-1/4"					
7'-6"	38"	12-1/4"	3 @ 23-1/2"	7-1/4"	5/16"	7/32"	3/32"	3/32"
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"					

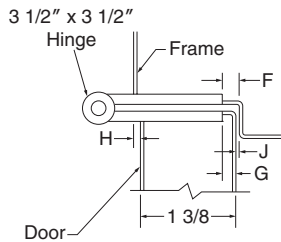


5" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"		12-1/2"	2 @ 30"					
6'-10"		12-1/2"	2 @ 31"					
7'-0"		12-1/2"	2 @ 32"					
7'-2"		12-1/2"	2 @ 33"					
7'-4"		12-1/2"	2 @ 34"					
7'-6"	38"	12-9/16"	3 @ 23-5/16"	7-1/2"	5/16"	7/32"	3/32"	3/32"
7'-8"		12-1/2"	3 @ 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"					

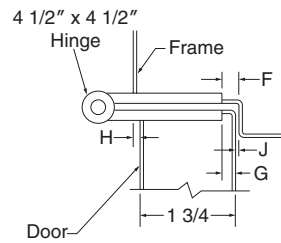
Pioneer Industries, Inc. – S-Series



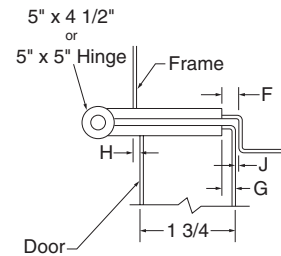
Note: Dimensions listed are valid at time of publication. However, manufacturers do periodically revise their hinge and strike spacing, therefore, the SDI strongly recommends that individual manufacturers be contacted to verify dimensions.



3-1/2" Hinge & Strike Comparison for 1-3/8" Thick Doors								
A	B	C	D	E	F	G	H	J
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"	1/8"	1/16"
7'-2"			2 @ 32-15/16"					

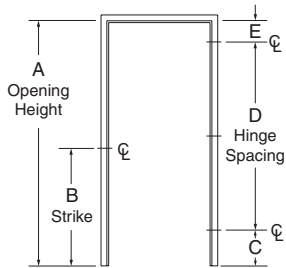


4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 29-15/16"					
6'-10"			2 @ 30-15/16"					
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					
7'-4"			2 @ 33-15/16"					
7'-6"	40-5/16"	10-3/8"	2 @ 34-15/16"	9-3/4"	5/16"	7/32"	3/32"	3/32"
7'-8"			3 @ 23-61/64"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

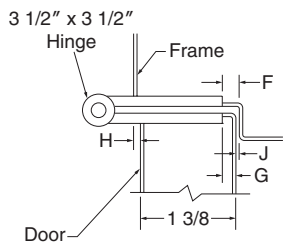


5" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 29-15/16"					
6'-10"			2 @ 30-15/16"					
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					
7'-4"			2 @ 33-15/16"					
7'-6"	40-5/16"	10-3/8"	2 @ 34-15/16"	9-3/4"	5/16"	7/32"	3/32"	3/32"
7'-8"			3 @ 23-61/64"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

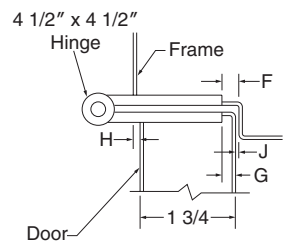
Premier Steel Doors & Frames, Inc.



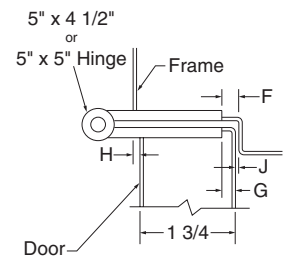
Note: Dimensions listed are valid at time of publication. However, manufacturers do periodically revise their hinge and strike spacing, therefore, the SDI strongly recommends that individual manufacturers be contacted to verify dimensions.



3-1/2" Hinge & Strike Comparison for 1-3/8" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			1 @ 59-7/8"					
7'-0"	40-5/16"	10-3/8"	2 @ 31-15/16"	9-3/4"	1/4"	3/16"	1/8"	1/16"
7'-2"			2 @ 32-15/16"					

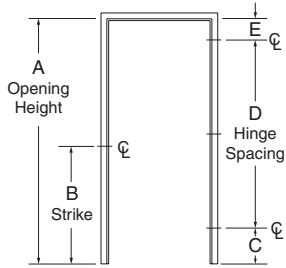


4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 30-1/4"					
6'-10"			2 @ 31-1/4"					
7'-0"			2 @ 32-1/4"					
7'-2"			2 @ 33-1/4"					
7'-4"	40-5/16"	12-1/4"	3 @ 22-53/64"	7-1/4"	3/8"	1/4"	1/16"	1/8"
7'-6"			3 @ 23-1/2"					
7'-8"			3 @ 24-11/64"					
7'-10"			3 @ 24-53/64"					
8'-0"			3 @ 25-1/2"					
9'-0"			3 @ 29-1/2"					

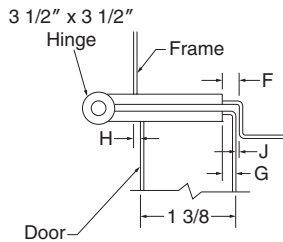


5" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 30-1/4"					
6'-10"			2 @ 31-1/4"					
7'-0"			2 @ 32-1/4"					
7'-2"			2 @ 33-1/4"					
7'-4"	40-5/16"	12-1/4"	3 @ 22-53/64"	7-1/4"	3/8"	1/4"	1/16"	1/8"
7'-6"			3 @ 23-1/2"					
7'-8"			3 @ 24-11/64"					
7'-10"			3 @ 24-53/64"					
8'-0"			3 @ 25-1/2"					
9'-0"			3 @ 29-1/2"					

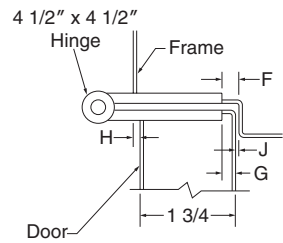
Republic Doors & Frames



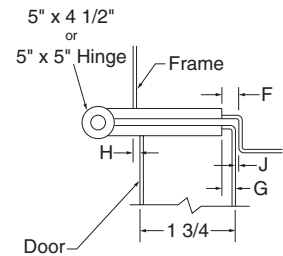
Note: Dimensions listed are valid at time of publication. However, manufacturers do periodically revise their hinge and strike spacing, therefore, the SDI strongly recommends that individual manufacturers be contacted to verify dimensions. Republic hinge locations effective as of 7/15/2015.



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

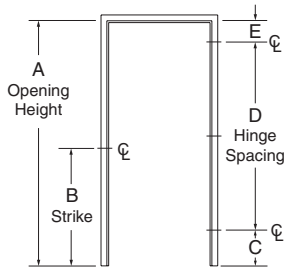


4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 30-1/4"					
6'-10"			2 @ 31-1/4"					
7'-0"			2 @ 32-1/4"					
7'-2"			2 @ 33-1/4"					
7'-4"	40-5/16"	12-1/4"	2 @ 34-1/4"	7-1/4"	5/16"	1/4"	1/8"	1/16"
7'-6"			2 @ 35-1/4"					
7'-8"			3 @ 24-11/64"					
7'-10"			3 @ 24-53/64"					
8'-0"			3 @ 25-1/2"					
9'-0"			3 @ 29-1/2"					
10'-0"			3 @ 33-1/2"					

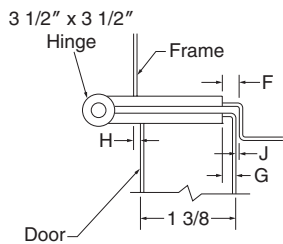


5" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 30"					
6'-10"			2 @ 31"					
7'-0"			2 @ 32"					
7'-2"			2 @ 33"					
7'-4"	40-5/16"	12-1/2"	2 @ 34"	7-1/2"	5/16"	1/4"	1/8"	1/16"
7'-6"			2 @ 35"					
7'-8"			3 @ 24"					
7'-10"			3 @ 24-43/64"					
8'-0"		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

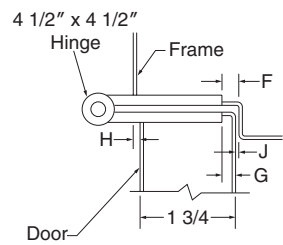
Steelcraft



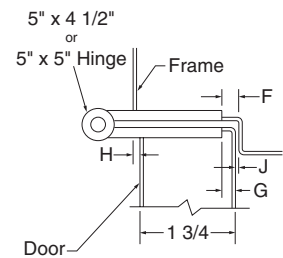
Note: Dimensions listed are valid at time of publication. However, manufacturers do periodically revise their hinge and strike spacing, therefore, the SDI strongly recommends that individual manufacturers be contacted to verify dimensions.



3-1/2" Hinge & Strike Comparison for 1-3/8" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			59-7/8"					
6'-8"	40-5/16"	10-3/8"	2 @ 29-15/16"	9-3/4"	5/16"	1/4"	1/8"	1/16"
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					



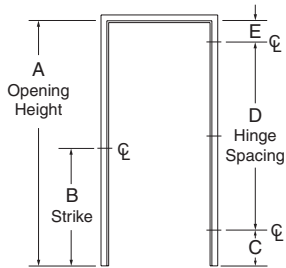
4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 29-15/16"					
6'-10"			2 @ 30-15/16"					
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					
7'-4"	40-5/16"	10-3/8"	2 @ 33-15/16"	9-3/4"	5/16"	1/4"	1/8"	1/16"
7'-6"			2 @ 34-15/16"					
7'-8"			3 @ 23-61/64"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



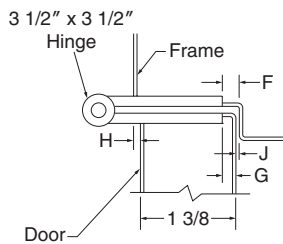
5" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 29-15/16"					
6'-10"			2 @ 30-15/16"					
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					
7'-4"	40-5/16"	10-3/8"	2 @ 33-15/16"	9-3/4"	5/16"	1/4"	1/8"	1/16"
7'-6"			2 @ 34-15/16"					
7'-8"			3 @ 23-61/64"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

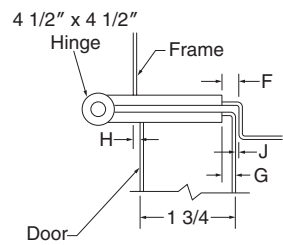
Benchmark



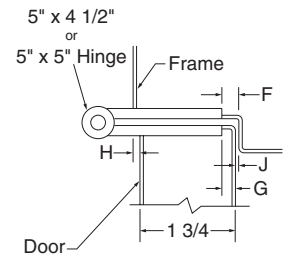
Note: Benchmark is no longer a member of the Steel Door Institute. Its hinge and strike spacing are included for legacy purposes; the validity of the data cannot be confirmed.



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



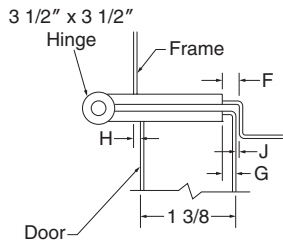
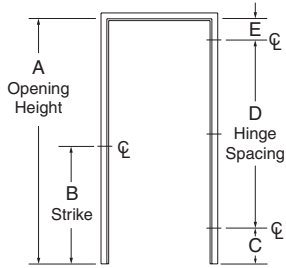
4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors									
A	B	C	D	E	F	G	H	J	
6'-8"		12-1/4"	2 @ 30-1/4"						
6'-10"		14-1/4"	2 @ 30-1/4"						
7'-0"		12-1/4"	2 @ 32-1/4"						
7'-2"		14-1/4"	2 @ 32-1/4"						
7'-4"	40-5/16"	12-1/4"	2 @ 34-1/4"	7-1/4"	1 1/32"	1/4"	1/8"	3/32"	
7'-6"		14-1/4"	2 @ 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"						



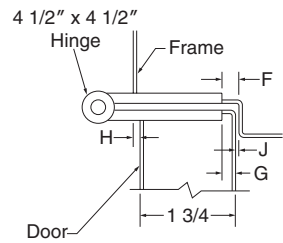
5" Hinge & Strike Comparison for 1-3/4" Thick Doors									
A	B	C	D	E	F	G	H	J	
—	—	—	—	—	—	—	—	—	—

Black Mountain Door (Formerly Anweld Building Products)

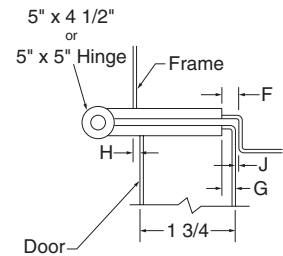
Note: Black Mountain Door is no longer a member of the Steel Door Institute. Its hinge and strike spacing are included for legacy purposes; the validity of the data cannot be confirmed.



3-1/2" Hinge & Strike Comparison for 1-3/8" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"		10-3/8"						
7'-0"	40-5/16"	14-3/8"	59-7/8"	9-3/4"	5/16"	3/16"	1/8"	1/16"
7'-2"		16-3/8"						

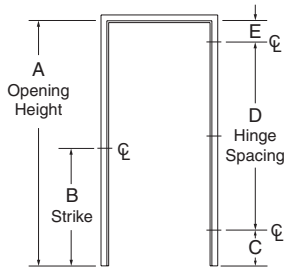


4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"		10-3/8"	2 @ 29-15/16"					
6'-10"		8-3/8"	2 @ 31-15/16"					
7'-0"		10-3/8"	2 @ 31-15/16"					
7'-2"		12-3/8"	2 @ 31-15/16"					
7'-4"		10-3/8"	2 @ 33-15/16"					
7'-6"	40-5/16"	12-3/8"	2 @ 33-15/16"	9-3/4"	5/16"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

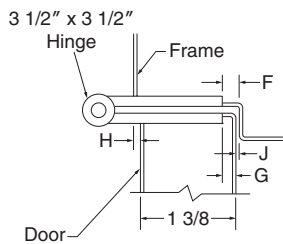


5" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"		10-3/8"	2 @ 29-15/16"					
6'-10"		8-3/8"	2 @ 31-15/16"					
7'-0"		10-3/8"	2 @ 31-15/16"					
7'-2"		12-3/8"	2 @ 31-15/16"					
7'-4"		10-3/8"	2 @ 33-15/16"					
7'-6"	40-5/16"	12-3/8"	2 @ 33-15/16"	9-3/4"	5/16"	3/16"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

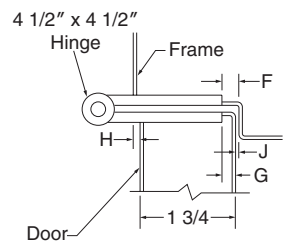
Copco



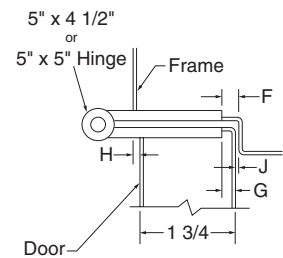
Note: Copco is no longer a member of the Steel Door Institute. Its hinge and strike spacing are included for legacy purposes; the validity of the data cannot be confirmed.



3-1/2" Hinge & Strike Comparison for 1-3/8" Thick Doors								
A	B	C	D	E	F	G	H	J
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"	1/8"	1/16"
7'-2"			2 @ 32-15/16"					

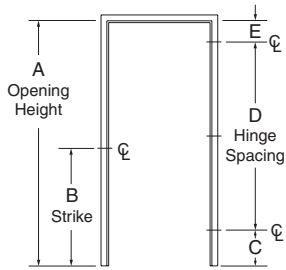


4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 29-15/16"					
6'-10"			2 @ 30-15/16"					
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					
7'-4"	40-5/16"	10-3/8"	2 @ 33-15/16"	9-3/4"	5/16"	7/32"	1/32"	3/32"
7'-6"			2 @ 34-15/16"					
7'-8"			3 @ 23-19/64"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

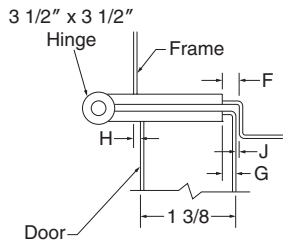


5" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 29-15/16"					
6'-10"			2 @ 30-15/16"					
7'-0"			2 @ 31-15/16"					
7'-2"			2 @ 32-15/16"					
7'-4"	40-5/16"	10-3/8"	2 @ 33-15/16"	9-3/4"	5/16"	7/32"	1/32"	3/32"
7'-6"			2 @ 34-15/16"					
7'-8"			3 @ 23-19/64"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

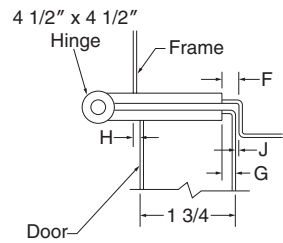
Kewanee



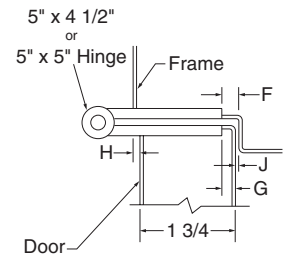
Note: Kewanee is no longer a member of the Steel Door Institute. Its hinge and strike spacing are included for legacy purposes; the validity of the data cannot be confirmed.



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

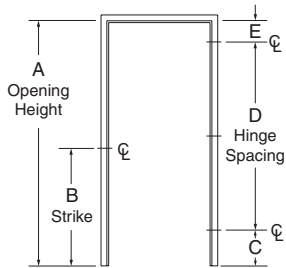


4-1/2" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 30-1/16"					
6'-10"			2 @ 31-1/16"					
7'-0"			2 @ 32-1/16"					
7'-2"			2 @ 33-1/16"					
7'-4"	40-5/16"	10-1/4"	2 @ 34-1/16"	9-5/8"	3/8"	1/4"	1/16"	1/8"
7'-6"			2 @ 35-1/16"					
7'-8"			24-1/16", 24", 24-1/16"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

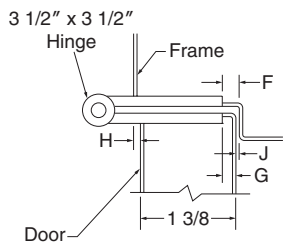


5" Hinge & Strike Comparison for 1-3/4" Thick Doors								
A	B	C	D	E	F	G	H	J
6'-8"			2 @ 30-1/16"					
6'-10"			2 @ 31-1/16"					
7'-0"			2 @ 32-1/16"					
7'-2"			2 @ 33-1/16"					
7'-4"	40-5/16"	10-1/4"	2 @ 34-1/16"	9-5/8"	3/8"	1/4"	1/16"	1/8"
7'-6"			2 @ 35-1/16"					
7'-8"			24-1/16", 24", 24-1/16"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

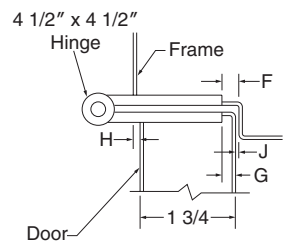
Security Metal Products



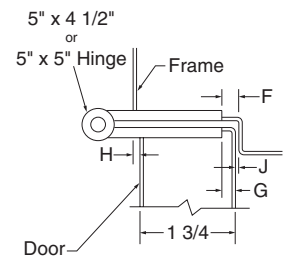
Note: Security Metal Products is no longer a member of the Steel Door Institute. Its hinge and strike spacing are included for legacy purposes; the validity of the data cannot be confirmed.



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



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"						

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AVAILABLE PUBLICATIONS

Specifications

- ANSI/SDI A250.6** Recommended Practice for Hardware Reinforcing on Standard Steel Doors and Frames
- ANSI/SDI A250.8** Specifications for Standard Steel Doors and Frames (SDI-100)
- 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 and Frames
- SDI-129** Hinge and Strike Spacing
- SDI-133** Guideline for Specifying Steel Doors & Frames for Blast Resistance
- SDI-136** Guideline for Specifying Windstorm Products

Test Procedures

- ANSI/SDI A250.3** Test Procedure & Acceptance Criteria for Factory Applied Finish Coatings for Steel Doors and 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 and 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 and Frame Assemblies
- SDI-131** Accelerated Physical Endurance Test Procedure for Steel Doors

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 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 and Frames
- SDI-117** Manufacturing Tolerances for Standard Steel Doors and Frames
- SDI-124** Maintenance of Standard Steel Doors & Frames
- SDI-127** Industry Alert Series (A-L)
- SDI-130** Electronic Hinge Preparations
- SDI-134** Glossary of Terms for Hollow Metal Doors and Frames
- SDI-135** Guidelines to Measure for Replacement Doors in Existing Frame Openings

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