



Architectural Hinges

Full Mortise - Spring



Single Acting

For automatic closing of door. Meets codes for hotels, motels, institutions and commercial buildings



1150 Square Corner

Stainless Steel with Stainless Steel components
- ANSI K51071F

1250 Square Corner

Steel with Steel components
- ANSI K81071F

1251 1/4" Radius

Steel with Steel components
- ANSI K81071F

1252 5/8" Radius

Steel with Steel components
- ANSI K81071F

1255 Square Corner Spring Hinge Set

Steel with Steel components
- ANSI K81071F
Two each 1250 and one each AB700

1256 Square Corner Spring Hinge Set

Steel with Steel components
- ANSI K81071F
Two each 1250 and one each BB1279

- 1250 approved for use on 4' 0" x 8' 0" (122 x 244 cm) doors
- For maximum versatility use all spring hinges or a combination of spring and ball bearing hinges. Do not use plain bearing hinges.
- Full spring tension may not be required on all hinges
- Strong wind conditions, drafts, carpeting drag, twisted/misaligned frames, or weatherstripping on doors may require additional spring hinges

Hinge Size		Gauge of Metal	Hole Count	Screw Size	
Inches	mm			Machine	Wood
3 1/2 x 3 1/2	89 x 89	0.134	6	1/2 x 10-24	1 x 9
4 x 4	102 x 102	0.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 4	114 x 102	0.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 4 1/2	114 x 114	0.134	8	1/2 x 12-24	1 1/4 x 12

Series	Size	Recommended Max Door Weight (lbs.)	Spring Hinge	Ball Bearing Hinge
For Use on 1 3/8" (35 mm) Door				
1250	3 1/2 x 3 1/2	40	1	2
1251	3 1/2 x 3 1/2	70	2	1
1252	3 1/2 x 3 1/2	90	3	---
For Use on 1 3/4" (45 mm) Door				
1250	4 x 4	60	1	2
1251	4 x 4	85	2	1
1252	4 x 4	110	3	---
1150	4 1/2 x 4 & 4 1/2 x 4 1/2	70	1	2
1150	4 1/2 x 4 & 4 1/2 x 4 1/2	115	2	1
1150	4 1/2 x 4 & 4 1/2 x 4 1/2	150	3	---
1250	4 1/2 x 4 & 4 1/2 x 4 1/2	70	1	2
1250	4 1/2 x 4 & 4 1/2 x 4 1/2	115	2	1
1250	4 1/2 x 4 & 4 1/2 x 4 1/2	150	3	---
1255	4 1/2 x 4 1/2	115	2	1
1256	4 1/2 x 4 1/2	115	2	1



Reverse Action - Single Acting

For automatic opening of door. Meets codes for hotels, motels, institutions and commercial buildings

1257 Square Corner

Steel
- ANSI K81071

1258 1/4" Radius

Steel
- ANSI K81071

1259 5/8" Radius

Steel
- ANSI K81071

- For maximum versatility use all spring hinges or a combination of spring and ball bearing hinges. Do not use plain bearing hinges.
- Full spring tension may not be required on all hinges
- Strong wind conditions, drafts, carpeting drag, twisted/misaligned frames, or weatherstripping on doors may require additional spring hinges

Hinge Size		Gauge of Metal	Hole Count	Screw Size	
Inches	mm			Machine	Wood
3 1/2 x 3 1/2	89 x 89	0.134	6	1/2 x 10-24	1 x 9
4 x 4	102 x 102	0.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 4	114 x 102	0.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 4 1/2	114 x 114	0.134	8	1/2 x 12-24	1 1/4 x 12

Series	Size	Recommended Max Door Weight (lbs.)	Spring Hinge	Ball Bearing Hinge
For Use on 1 3/8" (35 mm) Door				
1257	3 1/2 x 3 1/2	40	1	2
1258	3 1/2 x 3 1/2	70	2	1
1259	3 1/2 x 3 1/2	90	3	---
For Use on 1 3/4" (45 mm) Door				
1257	4 x 4	60	1	2
1258	4 x 4	85	2	1
1259	4 x 4	110	3	---
1257	4 1/2 x 4 & 4 1/2 x 4 1/2	70	1	2
1258	4 1/2 x 4 & 4 1/2 x 4 1/2	115	2	1
1259	4 1/2 x 4 & 4 1/2 x 4 1/2	150	3	---



Spring - ECCO

Single Acting

For automatic closing of door. Meets codes for hotels, motels, institutions and commercial buildings

EC1105 Steel
- ANSI K81071F



- For use on 1 3/4" doors
- For maximum versatility use all spring hinges or a combination of spring and ball bearing hinges. Do not use plain bearing hinges.
- Full spring tension may not be required on all hinges
- Strong wind conditions, drafts, carpeting drag, twisted/misaligned frames, or weatherstripping on doors may require additional spring hinges

Hinge Size		Gauge of Metal	Hole Count	Screw Size	
Inches	mm			Machine	Wood
4 1/2 x 4	114 x 102	0.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 4 1/2	114 x 114	0.134	8	1/2 x 12-24	1 1/4 x 12

Size	Recommended Max Door Weight (lbs.)	Spring Hinge	Ball Bearing Hinge
4 1/2 x 4 & 4 1/2 x 4 1/2	70	1	2
4 1/2 x 4 & 4 1/2 x 4 1/2	115	2	1
4 1/2 x 4 & 4 1/2 x 4 1/2	150	3	---