

# *Barn Door Hardware*

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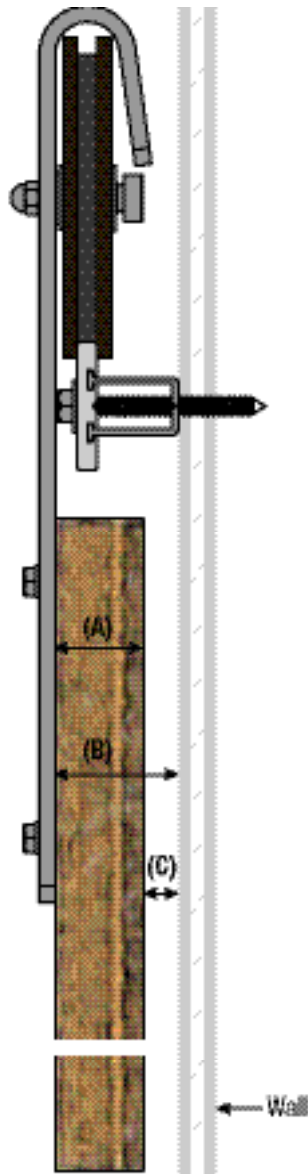
## *Door Gap Calculations Guide*



**KNAPE & VOGT®**

# Flat Aluminum Rail/Front Mount Carrier

(Part number: FR-HK-08, FR-HK-05, FR-ST-03)



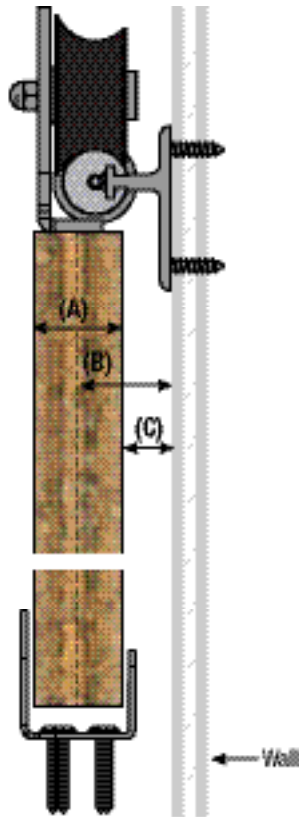
Gap between Door and Wall (C)\* = Distance between Door Front and Wall (B) minus Door thickness (A)

<b>(A)</b>	<b>(B)</b>	<b>(C)</b>
Door Thickness up to 1.5"	Distance from Door front and Wall	Gap between Door and Wall*
1"	2"	1"
1-1/4"	2"	3/4"
1-3/8"	2"	5/8"
1-1/2"	2"	1/2"

\*Calculation assumes wall is a flat plane with no floor or door molding impacts. In the event there is molding to accommodate, a header cleat board may have to be added to move the sliding door hardware further away from the wall.

# Round Aluminum Track / TOP Mount Carrier

(Part Number: SS-TMSS-65, SS-TMDW-65, SS-TMSW-65)



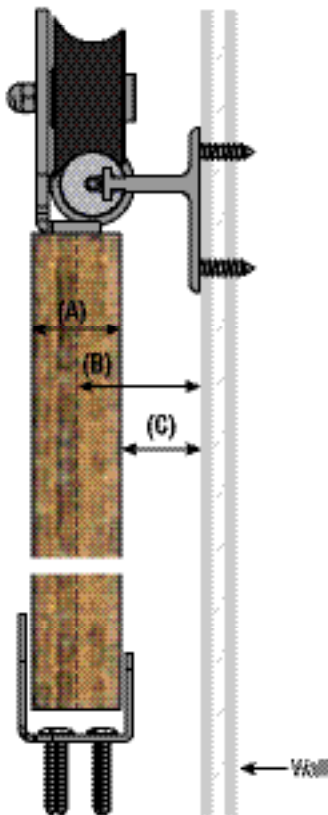
Short Bracket  
(Standard)

Gap between Door and Wall(C)\*= (B) minus 1/2 thickness of door (A)  
Assumes Top Mount Carrier is mounted on centerline of door.

For doors up to 1-1/2" thick – Standard Short Bracket:

(A) Door Thickness up to 1-1/2"	(B) Distance from Door Centerline to Wall	(C) Gap between Door and Wall*
1"	1"	1/2"
1-1/4"	1"	3/8"
1-3/8"	1"	5/16"
1-1/2"	1"	1/4"

\*Calculation assumes wall is a flat plane with no floor or door molding impacts. In the event there is molding to accommodate, a header cleat board may have to be added to move the sliding door hardware further away from the wall.



Long Bracket  
(Optional)

Gap between Door and Wall (C)\*= (B) minus door thickness (A)

For doors up to 2-1/4" thick – Optional Long Bracket purchased separately:

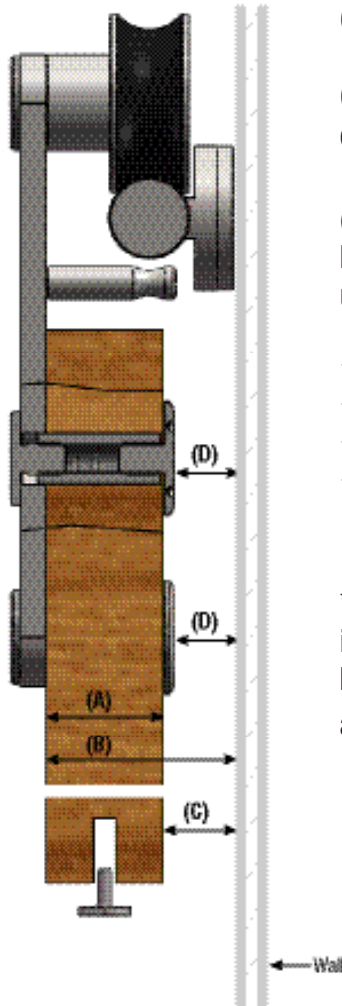
RT-WML-BK (Black)  
RT-WML-BZ (Oil Rubbed Bronze)  
RT-WML-SN (Satin Nickel)

(A) Door Thickness up to 2-1/4"	(B) Distance from Door Centerline to Wall using Long Wall Brackets*	(C) Gap between Door and Wall**
1-1/2"	1-5/8"	7/8"
1-3/4"	1-5/8"	3/4"
2"	1-5/8"	5/8"
2-1/4"	1-5/8"	1/2"

\*Calculation assumes wall is a flat plane with no floor or door molding impacts. In the event there is molding to accommodate, a header cleat board may have to be added to move the sliding door hardware further away from the wall.

# Round Stainless Steel Side Mount Carrier

(Part number SS-FMSS-65, SS-FMDW-65, SS-FMST-65)



Gap between Door and Wall (C)\* = (B) minus door thickness (A)

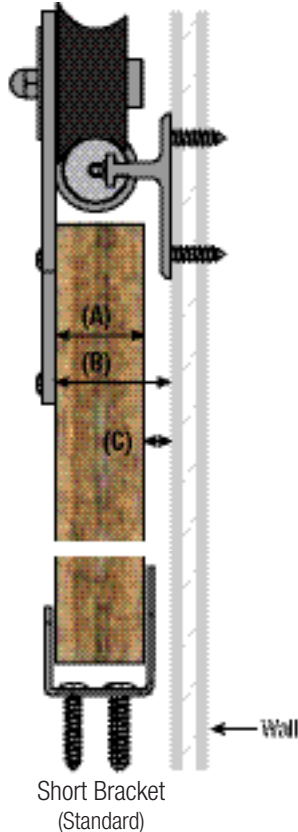
Gap between inside fastener and wall (D)\* = 2" distance between door front and wall minus door thickness minus 3/16" (flange)

<b>(A)</b>	<b>(B)</b>	<b>(C)</b>	<b>(D)</b>
Door Thickness up to 1.5"	Distance from Door front and Wall	Gap between Door and Wall*	Gap between Flange and Wall*
1"	2"	1"	13/16"
1-1/4"	2"	3/4"	9/16"
1-3/8"	2"	5/8"	7/16"
1-1/2"	2"	1/2"	1/16"

\*Calculation assumes wall is a flat plane with no floor or door molding impacts. In the event there is molding to accommodate, a header cleat board may have to be added to move the sliding door hardware further away from the wall.

# Round Aluminum Track / FRONT Mount Carrier

Black: RT-SPBK-06, RT-FDBK-06, RT-HSBK-06, RT-VSBK-06, RT-TSBK-06, RT-STBK-06, RT-HKBK-06  
 Oil Rubbed Bronze: RT-SPBZ-06, RT-FDBZ-06, RT-HSBZ-06, RT-VSBZ-06, RT-TSBZ-06, RT-STBZ-06, RT-HKBZ-06  
 Satin Nickel: RT-HSSN-06, RT-VSSN-06, RT-TSSN-06, RT-STSN-06, RT-HKSN-06



Gap between Door and Wall (C)\*= (B) minus door thickness (A)

For doors up to 1-1/2" thick – Standard Short Bracket:

(A) Door Thickness up to 1-1/2"	(B) Distance from Door front and Wall	(C) Gap between Door and Wall*
1"	7/8"	7/8"
1-1/4"	7/8"	5/8"
1-3/8"	7/8"	1/2"
1-1/2"	7/8"	3/8"

\*Calculation assumes wall is a flat plane with no floor or door molding impacts. In the event there is molding to accommodate, a header cleat board may have to be added to move the sliding door hardware further away from the wall.

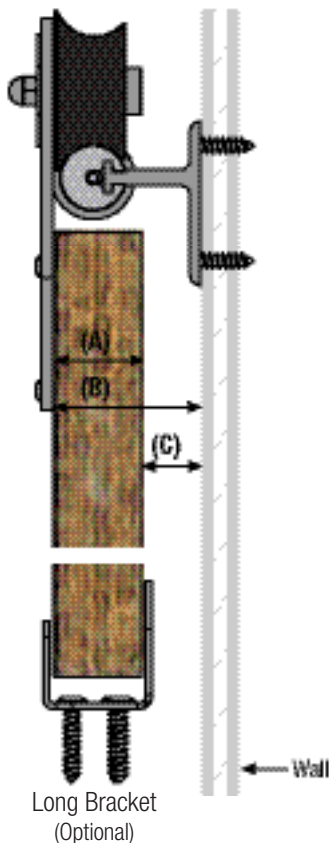
Gap between Door and Wall (C)\*= (B) minus door thickness (A)

For doors up to 2-1/4" thick – Optional Long Bracket:

RT-WML-BK (Black)  
 RT-WML-BZ (Oil Rubbed Bronze)  
 RT-WML-SN (Satin Nickel)

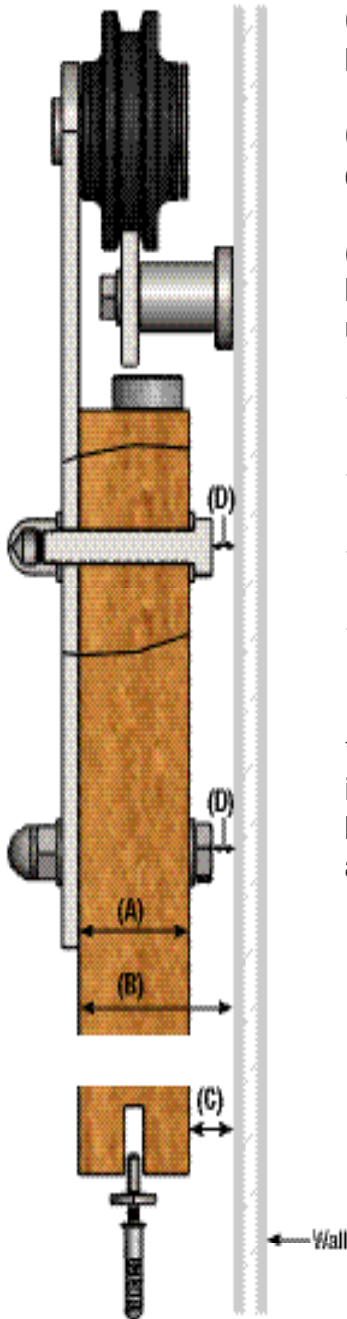
(A) Door Thickness up to 2-1/4"	(B) Distance from Door front to Wall using Long Wall Brackets	(C) Gap between Door and Wall*
1-1/2"	2-1/2"	1"
1-3/4"	2-1/2"	3/4"
2"	2-1/2"	1/2"
2-1/4"	2-1/2"	1/4"

\*Calculation assumes wall is a flat plane with no floor or door molding impacts. In the event there is molding to accommodate, a header cleat board may have to be added to move the sliding door hardware further away from the wall.



# Flat Stainless Steel Side Mount Carrier

(Part number SS-FRSS-65)



Gap between Door and Wall (C)\* = 2" Distance between Door Front and Wall (B) minus Door thickness (A)

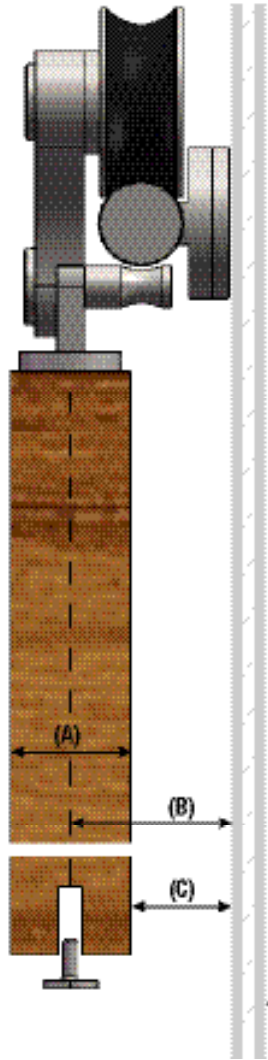
Gap between inside fasteners and wall (D)\* = 2" distance between door front and wall minus door thickness minus 3/8" (nut and washer)

<b>(A)</b> Door Thickness up to 1.5"	<b>(B)</b> Distance from Door front and Wall	<b>(C)</b> Gap between Door and Wall*	<b>(D)</b> Gap between Nut and Wall*
1"	2"	1"	5/8"
1-1/4"	2"	3/4"	3/8"
1-3/8"	2"	5/8"	1/4"
1-1/2"	2"	1/2"	1/8"

\*Calculation assumes wall is a flat plane with no floor or door molding impacts. In the event there is molding to accommodate, a header cleat board may have to be added to move the sliding door hardware further away from the wall.

# Round Stainless Steel Top Mount Carrier

(Part number SS-TMSS-65, SS-TMDW-65, SS-TMSW-65)



Gap between Door and Wall

(C)\* = 1-9/16" (B) minus 1/2 thickness of door (A)

Assumes Top Mount Carrier is mounted on centerline of door.

(A)	(B)	(C)
Door Thickness up to 1.5"	Distance Centerline to Door	Gap between Door and Wall*
1"	1-9/16"	1-1/16"
1-1/4"	1-9/16"	15/16"
1-3/8"	1-9/16"	7/8"
1-1/2"	1-9/16"	13/16"

\*Calculation assumes wall is a flat plane with no floor or door molding impacts. In the event there is molding to accommodate, a header cleat board may have to be added to move the sliding door hardware further away from the wall.



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