

- Do not scale drawing.
- Left hand door shown.
- Hardware dimensions shown (not cutout).
- Dimensions are in inches (see chart for metric conversion).
- Minimum thickness recommended for reinforcements in hollow metal doors and frames: .1046" (2.66mm.) unless otherwise noted.
- Minimum door width 29 inches.
- Track is 24 inches long.
- Maximum width hinge is 5 inches.

CHART		
Inches	mm.	
1/8	3.2	
1/4	6.4	
3/8	9.5	
5/8	15.9	
1	25.4	
1-3/16	30.2	
1-1/4	31.8	
1-3/4	44.5	
2 2-1/4	50.8	
	57.2	
3-3/4	95.3	
5	127.0	
8	203.2	
14	355.6	
15-3/4	400.0	
16-7/16	417.5	
21-1/2	546.1	
24	609.6	
29	736.6	

METRIC CONVERSION

FOR PRODUCTS PRODUCED AFTER 9-1-01

7900H-B Series Door Closers For Use on Doors Hung on 4-1/2" or 5" Wide Butt Hinges **Hold Open Installation**



7/32" or 5.5mm. drill

metal door wood

door

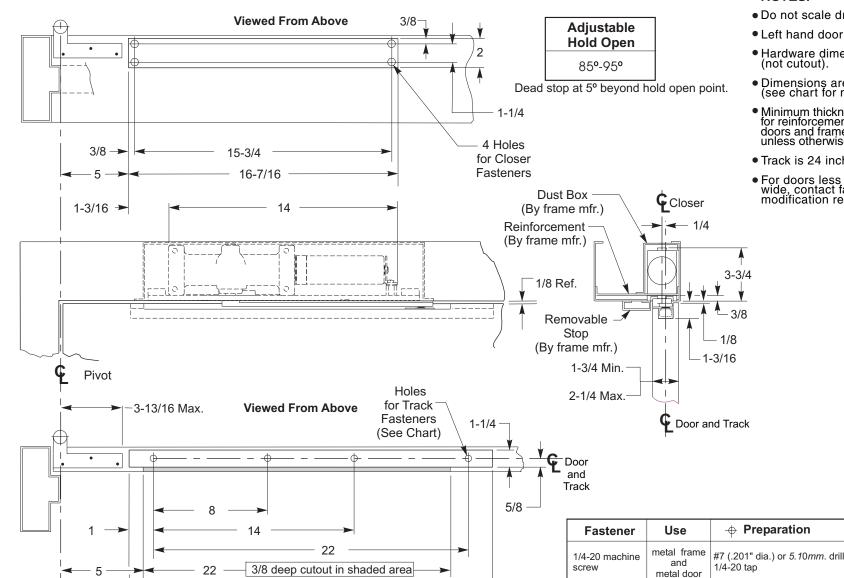
#14 wood screw



www.nortondoorcontrols.com

TEMPLATE NUMBER

7379-0253



- Do not scale drawing.
- Left hand door shown.
- Hardware dimensions shown
- Dimensions are in inches (see chart for metric conversion).
- Minimum thickness recommended for reinforcements in hollow metal doors and frames: .1046" (2.66mm.) unless otherwise noted.
- Track is 24 inches long.
- For doors less than 30 inches wide, contact factory for modification requirements.

METRIC CONVERSION CHART		
Inches	mm.	
1/8	3.2	
1/4	6.4	
3/8	9.5	
5/8	15.9	
1	25.4	
1-3/16	30.1	
1-1/4	31.8	
1-3/4	44.5	
2 2-1/4	50.8	
2-1/4	57.2	
3-3/4	95.3	
3-13/16	96.8	
4 5	101.6	
5	127.0	
8	203.2	
14	355.6	
15-3/4	400.0	
16-7/16	417.5	
22	558.8	
24	609.6	
30	762.0	
<u> </u>		

FOR PRODUCTS PRODUCED AFTER 9-1-01

7900H-OP Series Door Closers For Use on Doors Hung on 3/4" Offset Pivots **Hold Open Installation**



7/32" or 5.5 mm. drill

wood

door

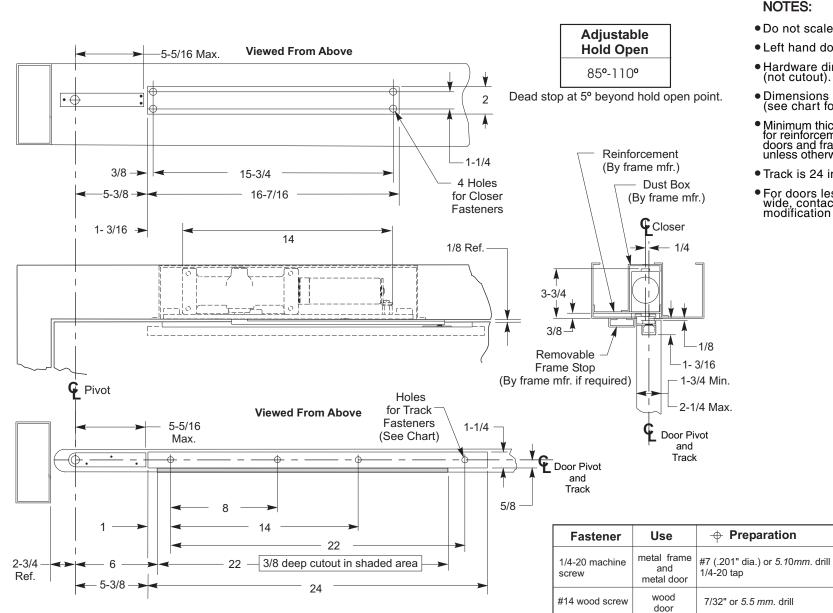
#14 wood screw



www.nortondoorcontrols.com

TEMPLATE NUMBER

7379-0256



- Do not scale drawing.
- Left hand door shown.
- Hardware dimensions shown
- Dimensions are in inches (see chart for metric conversion).
- Minimum thickness recommended for reinforcements in hollow metal doors and frames: .1046" (2.66mm.) unless otherwise noted.
- Track is 24 inches long.
- For doors less than 32 inches wide, contact factory for modification requirements.

METRIC CONVERSION CHART		
Inches	mm.	
1/8	3.2	
1/4	6.4	
3/8	9.5	
5/8	15.9	
1	25.4	
1-3/16	30.2	
1-1/4	31.8	
1-3/4	44.5	
2	50.8	
2-1/4	57.2	
2-3/4	69.8	
3-3/4	95.3	
5-5/16	134.9	
5-3/8	136.5	
6	152.4	
8	203.2	
14	355.6	
15-3/4	400.0	
16-7/16	417.9	
22	558.8	
24	609.6	
32	812.8	

FOR PRODUCTS PRODUCED AFTER 9-1-01

7900H-CP Series Door Closers For Use on Doors Hung with Center Pivots **Hold Open Installation**

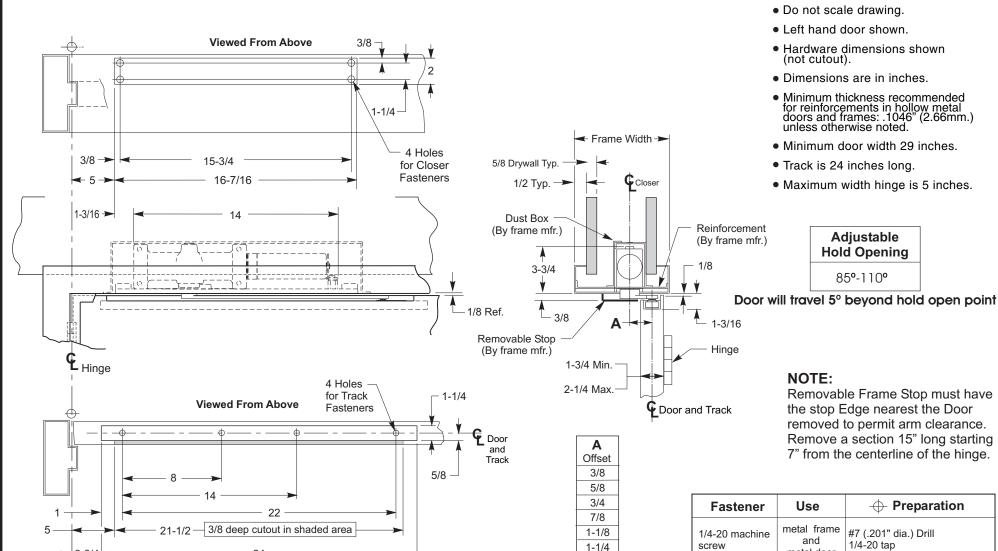




www.nortondoorcontrols.com

TEMPLATE NUMBER

7379-0258



- Do not scale drawing.
- Left hand door shown.
- Hardware dimensions shown (not cutout).
- Dimensions are in inches.
- Minimum thickness recommended for reinforcements in hollow metal doors and frames: .1046" (2.66mm.) unless otherwise noted.
- Minimum door width 29 inches.
- Track is 24 inches long.
- Maximum width hinge is 5 inches.

Adjustable Hold Opening

85°-110°

Removable Frame Stop must have the stop Edge nearest the Door removed to permit arm clearance. Remove a section 15" long starting 7" from the centerline of the hinge.

Fastener	Use	Preparation
1/4-20 machine screw	metal frame and metal door	#7 (.201" dia.) Drill 1/4-20 tap
#14 wood screw	wood door	7/32" drill

FOR PRODUCTS PRODUCED AFTER 9-1-01

7900H-B Series Door Closers For Use on Doors with 41/2" or 5" Wide Butt Hinges **Hold Open- Hinge Mounted Installation** With Closer Body offset in Hollow Metal Frame



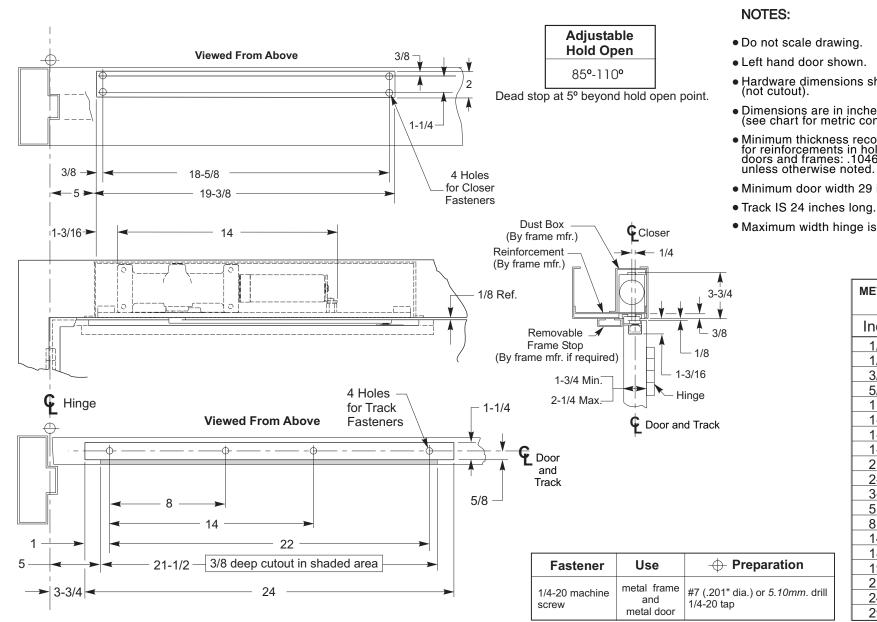
1-3/8 1-1/2 1-5/8



www.nortondoorcontrols.com

TEMPLATE NUMBER

7379-0263 01-09



- Do not scale drawing.
- Left hand door shown.
- Hardware dimensions shown (not cutout).
- Dimensions are in inches (see chart for metric conversion).
- Minimum thickness recommended for reinforcements in hollow metal doors and frames: .1046" (2.66mm.)
- Minimum door width 29 inches.
- Track IS 24 inches long.
- Maximum width hinge is 5 inches.

METRIC CONVERSION CHART		
Inches	mm.	
1/8	3.2	
1/4	6.4	
3/8	9.5	
5/8	15.9	
1	25.4	
1-3/16	30.2	
1-1/4	31.8	
1-3/4	44.5	
2	50.8	
2-1/4	57.2	
3-3/4	95.3	
5	127.0	
8	203.2	
14	355.6	
18-5/8	473.1	
19-3/8	492.1	
21-1/2	546.1	
24	609.6	
29	736.6	
·		

FOR PRODUCTS PRODUCED AFTER 9-1-01

7970H-B Series Security Door Closers For Use on Doors Hung on 4-1/2" or 5" Wide Butt Hinges **Hold Open Installation**

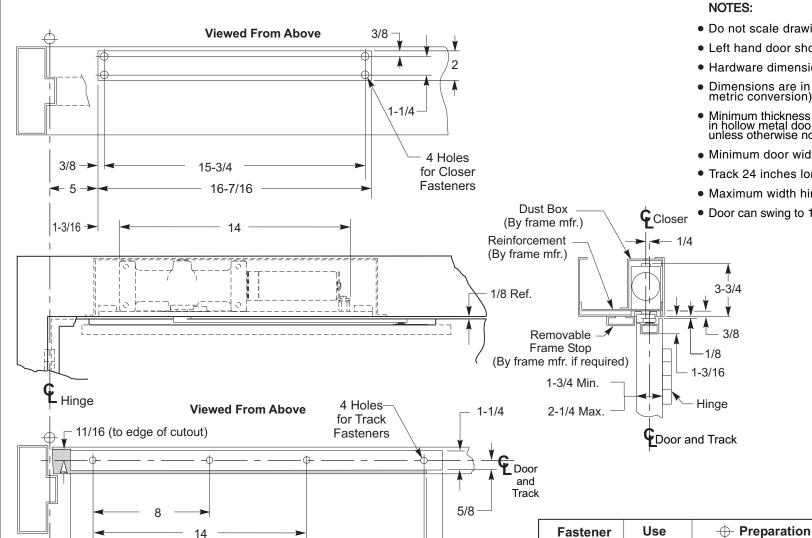




www.nortondoorcontrols.com

TEMPLATE NUMBER

7379-0753



- Do not scale drawing.
- Left hand door shown.
- Hardware dimensions shown (not cutout).
- · Dimensions are in inches (see chart for metric conversion).
- Minimum thickness recommended for reinforcements in hollow metal doors and frames: .1046" (2.66mm.) unless otherwise noted.
- Minimum door width 27 inches.
- Track 24 inches long.
- Maximum width hinge is 5 inches.
- Door can swing to 180 degrees, conditions permitting.

METRIC CONVERSION CHART		
Inches	mm.	
1/8	3.2	
1/4	6.4	
3/8	9.5	
5/8	15.9	
11/16	17.5	
1	25.4	
1-3/16	30.2	
1-1/4	31.8	
1-3/4 2 2-1/4	44.5	
2	50.8	
2-1/4	57.2	
3-3/4	95.3	
5 8	127.0	
8	203.2	
14	355.6	
15-3/4	400.0	
16-7/16	417.5	
22	558.8	
24	609.6	
27	685.8	

FOR PRODUCTS PRODUCED AFTER 9-1-01

7900B Series Door Closers For Use on Doors Hung on 4-1/2" or 5" Wide Butt Hinges Non Hold Open Installation

3/8 deep cutout in shaded area



1/4-20 tap

#7 (.201" dia.) or 5.10mm. drill

7/32" or 5.5mm. drill

metal frame

and

metal door wood

door

1/4-20 machine

#14 wood screw

screw



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TEMPLATE NUMBER

7379-0251 01-09

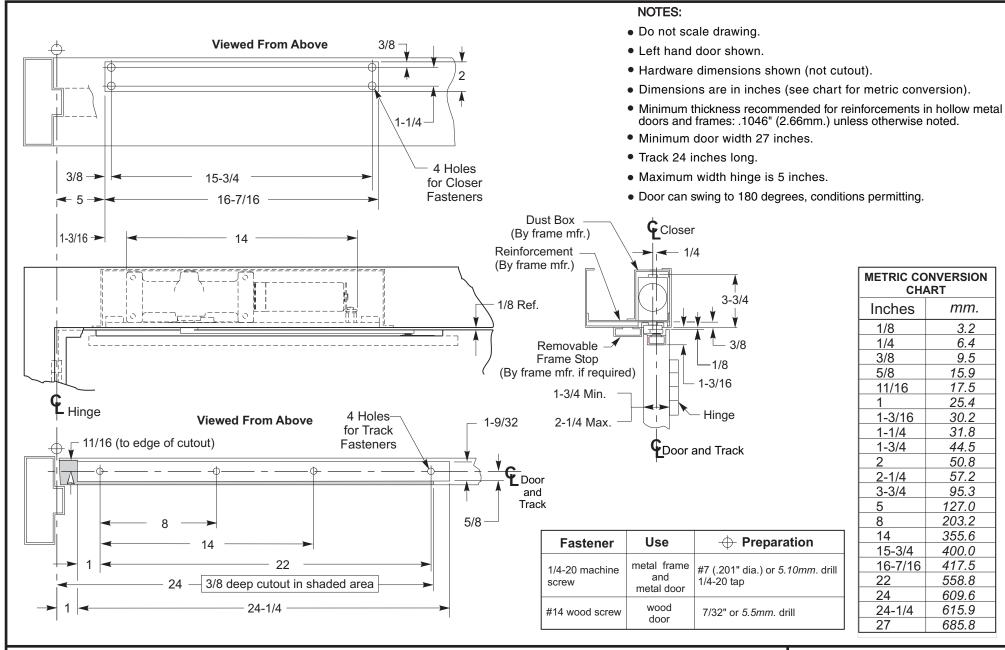


CHART		
Inches	mm.	
1/8	3.2	
1/4	6.4	
3/8	9.5	
5/8	15.9	
11/16	17.5	
1	25.4	
1-3/16	30.2	
1-1/4	31.8	
1-3/4	44.5	
2	50.8	
2-1/4	57.2	
3-3/4	95.3	
5	127.0	
8	203.2	
14	355.6	
15-3/4	400.0	
16-7/16	417.5	
22	558.8	
24	609.6	
24-1/4	615.9	
27	685.8	
· · · · · · · · · · · · · · · · · · ·		

METRIC CONVERSION

7900B Series Door Closers With 790 Fire Block For Use on Doors Hung on 4-1/2" or 5" Wide Butt Hinges Non Hold Open Installation

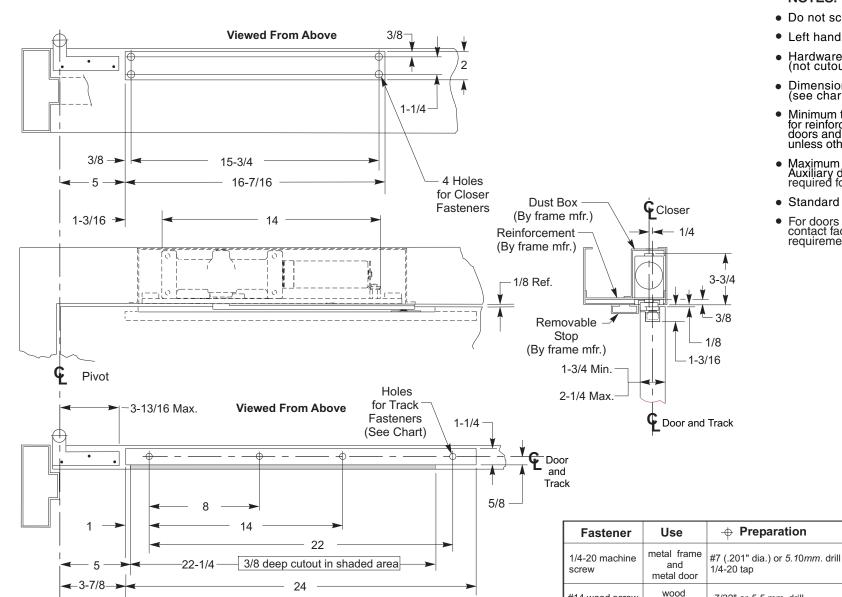




www.nortondoorcontrols.com

TEMPLATE NUMBER

7379-0252



- Do not scale drawing.
- Left hand door shown.
- Hardware dimensions shown (not cutout).
- Dimensions are in inches (see chart for metric conversion).
- Minimum thickness recommended for reinforcements in hollow metal doors and frames: .1046" (2.66mm.) unless otherwise noted.
- Maximum door swing is 95 degrees. Auxiliary door stop (not supplied) is required for this application.
- Standard track is 24 inches long.
- For doors less than 29 inches wide, contact factory for modification requirements.

	METRIC CONVERSION CHART	
Inches	mm.	
1/8	3.2	
1/4	6.4	
3/8	9.5	
5/8	15.9	
1	25.4	
1 1-3/16	30.1	
1-1/4	31.8	
1-3/4	44.5	
2 2-1/4	50.8	
2-1/4	57.2	
3-3/4	95.3	
3-13/16	96.8	
3-7/8	98.4	
5	127.0	
8 14	203.2	
14	355.6	
15-3/4	400.0	
16-7/16	3 417.5	
22	558.8	
22-1/4	565.1	
24	609.6	
29	736.6	
	/30.0	

FOR PRODUCTS PRODUCED AFTER 9-1-01

7900OP Series Door Closers For Use on Doors with 3/4" Offset Pivots Non Hold Open Installation



door

7/32" or 5.5 mm. drill

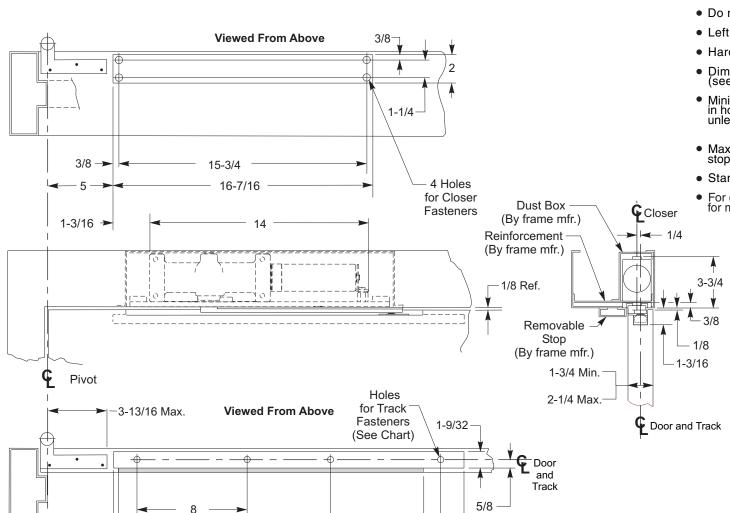
#14 wood screw



www.nortondoorcontrols.com

TEMPLATE NUMBER

7379-0254



NOTE	S:
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- Do not scale drawing.
- Left hand door shown.
- Hardware dimensions shown (not cutout).
- Dimensions are in inches (see chart for metric conversion).
- Minimum thickness recommended for reinforcements in hollow metal doors and frames: .1046" (2.66mm.) unless otherwise noted.
- Maximum door swing is 95 degrees. Auxiliary door stop (not supplied) is required for this application.
- Standard track is 24 inches long.
- For doors less than 29 inches wide, contact factory for modification requirements.

CHART	
Inches	mm.
1/8	3.2
1/4	6.4
3/8	9.5
5/8	15.9
1 1-3/16	25.4
	30.1
1-1/4	31.8
1-3/4	44.5
2-1/4	50.8
	57.2
3-3/4	95.3
3-13/16	96.8
3-7/8	98.4
5	127.0
8	203.2
14	355.6
15-3/4	400.0
16-7/16	417.5
22	558.8
22-1/4	565.1
24	609.6
24-1/4	615.9
29	736.6

METRIC CONVERSION

FOR PRODUCTS
PRODUCED AFTER
9-1-01

7900OP Series Door Closers x 790 Fire Bloc For Use on Doors with 3/4" Offset Pivots Non Hold Open Installation

22

3/8 deep cutout in shaded area

24-1/4



Use

metal frame

and

metal door

wood

door

Fastener

1/4-20 machine

#14 wood screw

screw

⊕ Preparation

7/32" or 5.5 mm. drill

1/4-20 tap

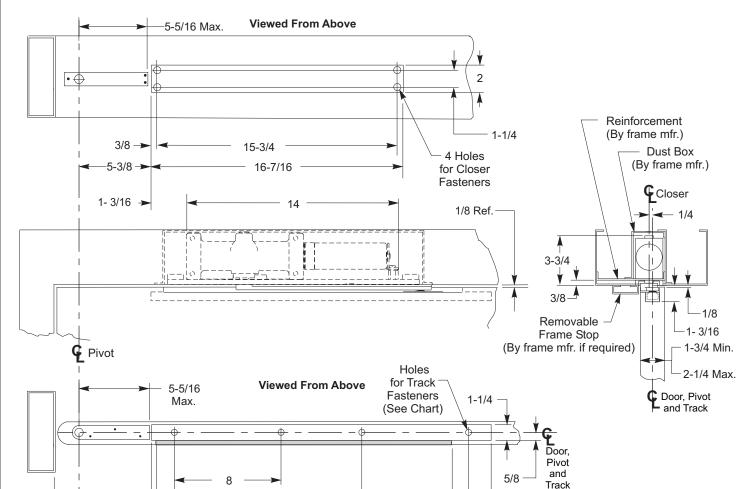
#7 (.201" dia.) or 5.10mm. drill



www.nortondoorcontrols.com

TEMPLATE NUMBER

7379-0255



22

24

3/8 deep cutout in shaded area

NOTES:

- Do not scale drawing.
- Left hand door shown.
- Hardware dimensions shown (not cutout).
- Dimensions are in inches (see chart for metric conversion).
- Maximum door swing is 95 degrees. Auxiliary door stop (not supplied) is required for this application.
- Standard track is 24 inches long.
- For doors less than 34" wide, contact factory for modification requirements.

METRIC CONVERSION CHART		
Inches	mm.	
1/8	3.2	
1/4	6.4	
3/8	9.5	
5/8	15.9	
1	25.4	
1-3/16	30.2	
1-1/4	31.8	
1-3/4	44.5	
2	50.8	
2-1/4	57.2	
2-3/4	69.8	
3-3/4	95.3	
5-5/16	134.9	
5-3/8	136.5	
5-5/8	142.9	
8	203.2	
14	355.6	
15-3/4	400.0	
16-7/16	417.9	
21	533.4	
22	558.8	
24	609.6	
34	863.6	

FOR PRODUCTS PRODUCED AFTER 9-1-01

2-3/4

Ref.

5-5/8

7900CP Series Door ClosersFor Use on Doors with Center Pivots
Non Hold Open Installation



Preparation

7/32" or 5.5 mm. drill

1/4-20 tap

#7 (.201" dia.) or 5.10mm. drill

Use

metal frame

and

metal door wood

door

Fastener

1/4-20 machine

#14 wood screw

screw

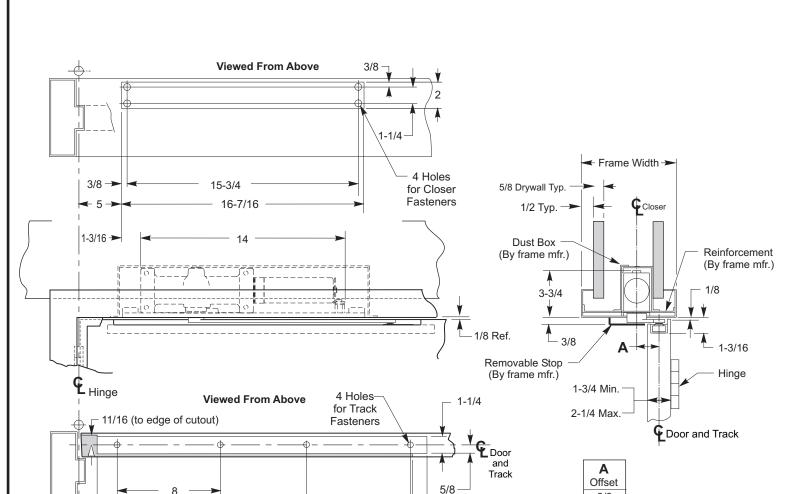


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TEMPLATE NUMBER

DATE

7379-0257 | 01-09



- Do not scale drawing.
- Left hand door shown.
- Hardware dimensions shown (not cutout).
- Dimensions are in inches.
- Minimum thickness recommended for reinforcements in hollow metal doors and frames: .1046" (2.66mm.) unless otherwise noted.
- Minimum door width 27 inches.
- Track is 24 inches long.
- Maximum width hinge is 5 inches.
- Door can swing to 180 degrees conditions permitting.

NOTE:

Removable Frame Stop must have the stop Edge nearest the Door removed to permit arm clearance. Remove a section 15" long starting 7" from the centerline of the hinge.

Fastener	Use	→ Preparation
1/4-20 machine screw	metal frame and metal door	#7 (.201" dia.) Drill 1/4-20 tap
#14 wood screw	wood door	7/32" drill

FOR PRODUCTS
PRODUCED AFTER
9-1-01

7900B Series Door Closers For Use on Doors with 4½" or 5" Wide Butt Hinges Non Hold Open- Hinge Mounted Installation With Closer Body offset in Hollow Metal Frame

3/8 deep cutout in shaded area



3/8 5/8 3/4 7/8

1-1/8 1-1/4 1-3/8 1-1/2 1-5/8

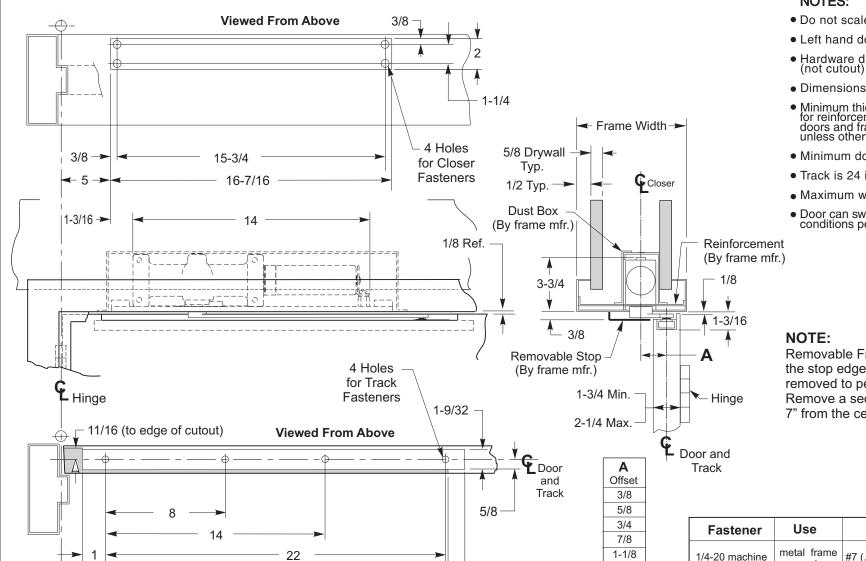


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TEMPLATE NUMBER

DATE

7379-0261



- Do not scale drawing.
- Left hand door shown.
- Hardware dimensions shown (not cutout).
- Dimensions are in inches.
- Minimum thickness recommended for reinforcements in hollow metal doors and frames: .1046" (2.66mm.) unless otherwise noted.
- Minimum door width 27 inches.
- Track is 24 inches long.
- Maximum width hinge is 5 inches.
- Door can swing to 180 degrees conditions permitting.

Removable Frame Stop must have the stop edge nearest the Door removed to permit arm clearance. Remove a section 15" long starting 7" from the centerline of the hinge.

Fastener	Use	→ Preparation
1/4-20 machine screw	metal frame and metal door	#7 (.201" dia.) Drill 1/4-20 tap
#14 wood screw	wood door	7/32" drill

FOR PRODUCTS
PRODUCED AFTER
9-1-01

7900B Series Door Closers with 790 Fire Block For Use on Doors with 41/2" or 5" Wide Butt Hinges Non Hold Open Installation With Closer Body offset in Hollow metal Frame

3/8 deep cutout in shaded area

24-1/4



1-1/4

1-3/8

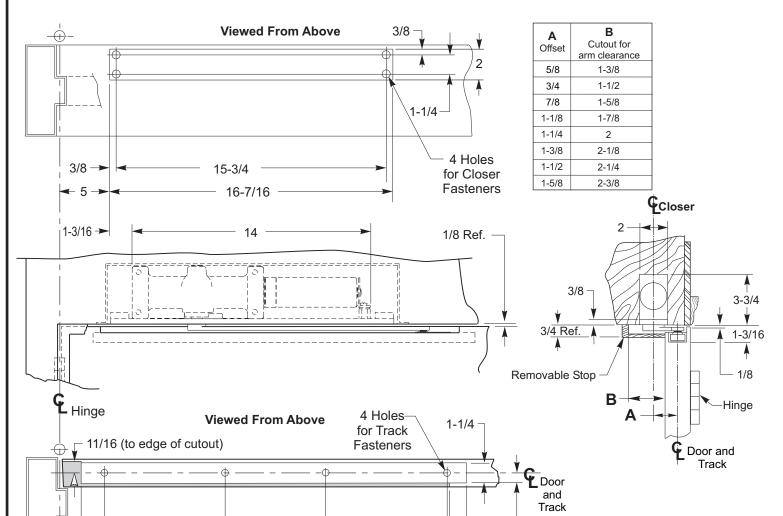
1-1/2 1-5/8



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TEMPLATE NUMBER

7379-0262



5/8

NOTES:

- Do not scale drawing.
- · Left hand door shown.
- Hardware dimensions shown (not cutout).
- Dimensions are in inches.
- Minimum thickness recommended for reinforcements in hollow metal doors and frames: .1046" (2.66mm.) unless otherwise noted.
- Minimum door width 27 inches.
- Track is 24 inches long.
- Maximum width hinge is 5 inches.
- Door can swing to 180 degrees conditions permitting.

NOTE:

Removable Frame Stop must have the stop Edge nearest the Door removed to permit arm clearance. Remove a section 15" long starting 7" from the centerline of the hinge.

3/4" high frame stop at head is recommended.

Fastener	Use	→ Preparation
1/4-20 machine screw	Metal door	#7 (.201" dia.) Drill 1/4-20 tap
#14 wood screw	wood door	7/32" drill

FOR PRODUCTS PRODUCED AFTER 9-1-01

7900B Series Door Closers for 1-3/4" Thick Doors For Use on Doors Hung on 5" Wide Butt Hinges Maximum Non Hold Open Installation With Special offset Mounting in Wood Frame

3/8 deep cutout in shaded area

24

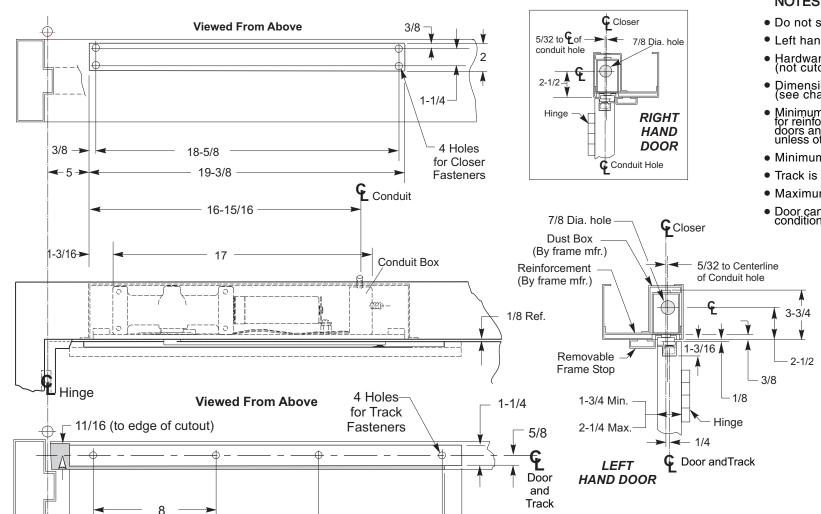




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TEMPLATE NUMBER 7379-0271

DATE



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- Do not scale drawing.
- Left hand door shown.
- Hardware dimensions shown (not cutout).
- Dimensions are in inches (see chart for metric conversion).
- Minimum thickness recommended for reinforcements in hollow metal doors and frames: .1046" (2.66mm.) unless otherwise noted.
- Minimum door width 27 inches.
- Track is 24 inches long.
- Maximum width hinge is 5 inches.
- Door can swing to 180 degrees conditions permitting.

METRIC CONVERSION CHART		
Inches	mm.	
1/8	3.2	
1/4	6.4	
3/8	9.5	
5/8	15.9	
11/16	17.5	
1	25.4	
1-3/16	30.2	
1-1/4	31.8	
1-3/4	44.5	
2	50.8	
2-1/4	57.2	
3-3/4	95.3	
5	127.0	
8	203.2	
14	355.6	
18-5/8	473.0	
19-3/8	492.1	
22	558.8	
24	609.6	
27	685.8	

FOR PRODUCTS PRODUCED AFTER 9-1-01

7970DPS-B Series Security Door Closers For Use on Doors Hung on 4-1/2" or 5" Wide Butt Hinges Non Hold Open Installation

22

3/8 deep cutout in shaded area



1/4-20 tap

Fastener

1/4-20 machine

Use

metal frame

and

metal door

Preparation

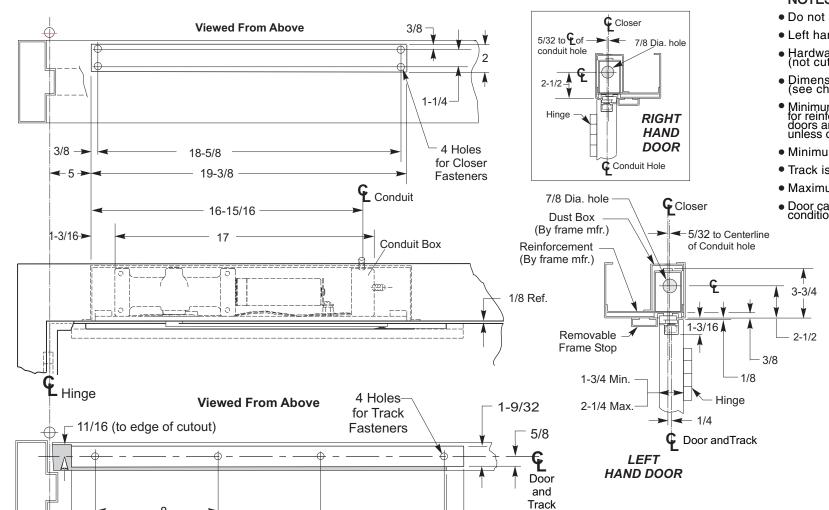
#7 (.201" dia.) or 5.10mm. drill



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TEMPLATE NUMBER

01-09



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IN	U	IEO.

- Do not scale drawing.
- Left hand door shown.
- Hardware dimensions shown (not cutout).
- Dimensions are in inches (see chart for metric conversion).
- Minimum thickness recommended for reinforcements in hollow metal doors and frames: .1046" (2.66mm.) unless otherwise noted.
- Minimum door width 27 inches.
- Track is 24 inches long.
- Maximum width hinge is 5 inches.
- Door can swing to 180 degrees conditions permitting.

METRIC CONVERSION CHART		
Inches	mm.	
1/8	3.2	
1/4	6.4	
3/8	9.5	
5/8	15.9	
11/16	17.5	
1	25.4	
1-3/16	30.2	
1-1/4	31.8	
1-3/4 2	44.5	
2	50.8	
2-1/4	57.2	
3-3/4	95.3	
5	127.0	
8	203.2	
14	355.6	
18-5/8	473.0	
19-3/8	492.1	
22	558.8	
24	609.6	
24-1/4	615.9	
27	685.8	

7970DPS-B Series Security Door Closers x 790 Fire Bloc For Use on Doors Hung on 4-1/2" or 5" Wide Butt Hinges Non Hold Open Installation

22

24-1/4 -

FOR PRODUCTS PRODUCED AFTER 9-1-01

3/8 deep cutout in shaded area



1/4-20 tap

Preparation

#7 (.201" dia.) or 5.10mm. drill

Fastener

1/4-20 machine

screw

Use

metal frame

and

metal door

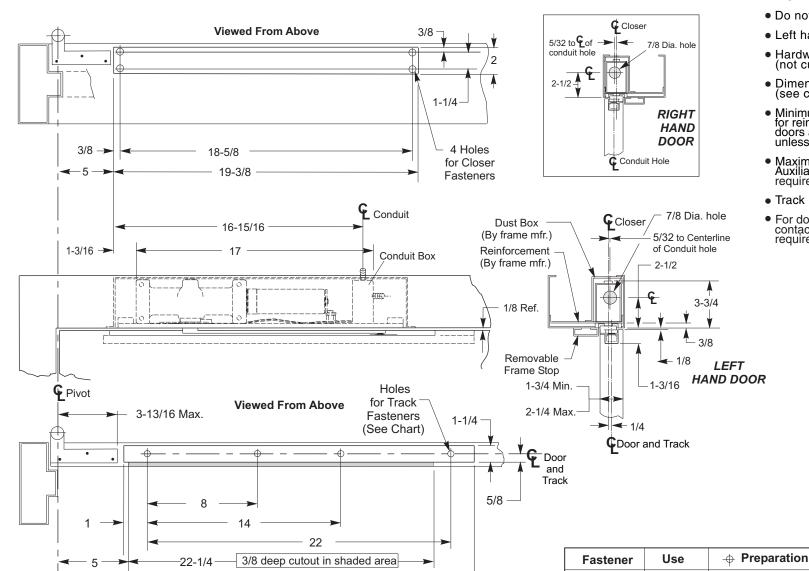


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TEMPLATE NUMBER

DATE

7379-0652 | 01-09



- Do not scale drawing.
- Left hand door shown.
- Hardware dimensions shown (not cutout).
- Dimensions are in inches (see chart for metric conversion).
- Minimum thickness recommended for reinforcements in hollow metal doors and frames: .1046" (2.66mm.) unless otherwise noted.
- Maximum door swing is 95 degrees. Auxiliary door stop (not supplied) is required for this application.
- Track is 24 inches long.
- For doors less than 29 inches wide, contact factory for modification requirements.

METRIC CONVERSION CHART		
Inches	mm.	
1/8	3.2	
1/4	6.4	
3/8	9.5	
5/8	15.9	
1	25.4	
1 1-3/16	30.1	
1-1/4	31.8	
1-3/4	44.5	
2 2-1/4	50.8	
2-1/4	57.2	
3-3/4	95.3	
3-13/16	96.8	
3-7/8 5 8 14	98.4	
5	127.0	
8	203.2	
14	355.6	
18-5/8	473.0	
19-3/8	492.1	
22	558.8	
22-1/4	565.1	
24	609.6	
29	736.6	

FOR PRODUCTS
PRODUCED AFTER
9-1-01

7970DPS-OP Series Security Door Closers For Use on Doors Hung on 3/4" Offset Pivots Non Hold Open Installation



1/4-20 tap

metal frame

and

metal door

1/4-20 machine

screw

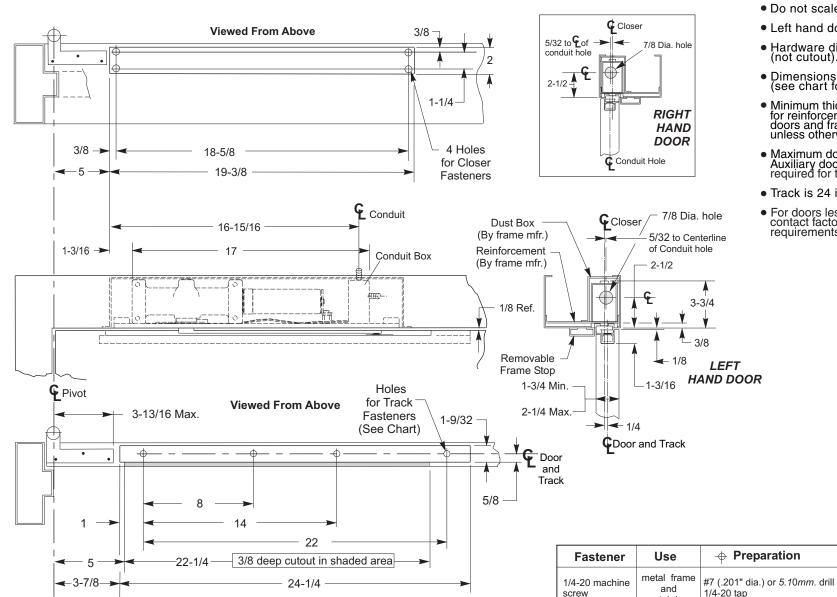


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TEMPLATE NUMBER **7379-0654**

#7 (.201" dia.) or 5.10mm. drill

DATE



- Do not scale drawing.
- Left hand door shown.
- Ḥardware dimensions shown (not cutout).
- Dimensions are in inches (see chart for metric conversion).
- Minimum thickness recommended for reinforcements in hollow metal doors and frames: .1046" (2.66mm.) unless otherwise noted.
- Maximum door swing is 95 degrees. Auxiliary door stop (not supplied) is required for this application.
- Track is 24 inches long.
- For doors less than 29 inches wide, contact factory for modification requirements.

METRIC CONVERSION CHART		
Inches	mm.	
1/8	3.2	
1/4	6.4	
3/8	9.5	
5/8	15.9	
1	25.4	
1-3/16	30.1	
1-1/4	31.8	
1-3/4	44.5	
2 2-1/4	50.8	
	57.2	
3-3/4	95.3	
3-13/16	96.8	
3-7/8	98.4	
5	127.0	
8 14	203.2	
	355.6	
18-5/8	473.0	
19-3/8	492.1	
22	558.8	
22-1/4	565.1	
24	609.6	
24-1/4	615.9	
29	736.6	
·		

FOR PRODUCTS PRODUCED AFTER 9-1-01

7970DPS-OP Series Security Door Closers x 790 Fire Bloc For Use on Doors Hung on 3/4" Offset Pivots Non Hold Open Installation

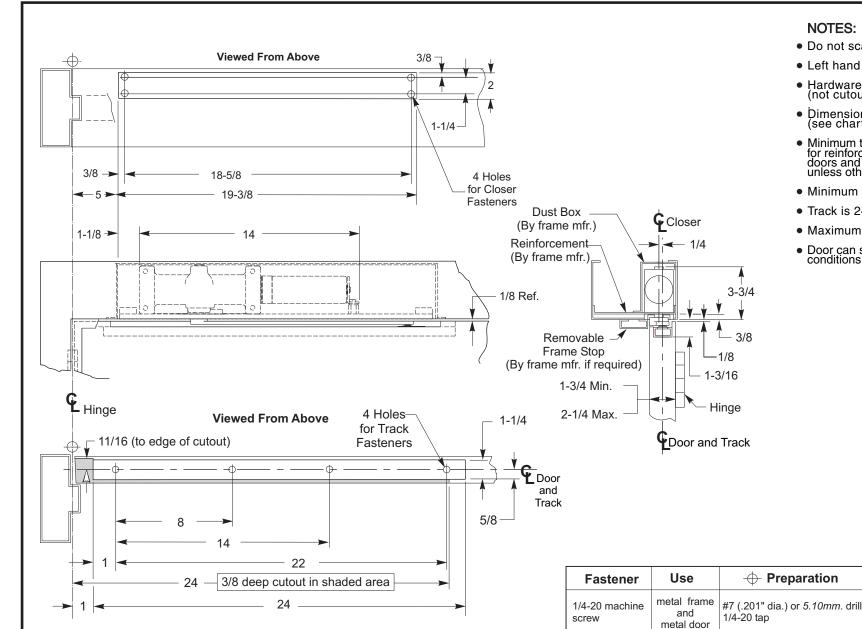


metal door



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TEMPLATE NUMBER 7379-0655



- Do not scale drawing.
- Left hand door shown.
- Hardware dimensions shown (not cutout).
- Dimensions are in inches (see chart for metric conversion).
- Minimum thickness recommended for reinforcements in hollow metal doors and frames: .1046" (2.66mm.) unless otherwise noted.
- Minimum door width 27 inches.
- Track is 24 inches long.
- Maximum width hinge is 5 inches.
- Door can swing to 180 degrees conditions permitting.

	METRIC CONVERSION CHART		
	Inches	mm.	
	1/8	3.2	
	1/4	6.4	
	3/8	9.5	
	5/8	15.9	
	11/16	17.5	
	1	25.4	
	1-3/16	30.2	
	1-1/4	31.8	
	1-3/4	44.5	
	2 2-1/4	50.8	
	2-1/4	57.2	
	3-3/4	95.3	
	5	127.0	
	8	203.2	
	14	355.6	
,	18-5/8	473.0	
	19-3/8	492.1	
	22	558.8	
	24	609.6	
	27	685.8	
	22 24	558.8 609.6	

FOR PRODUCTS
PRODUCED AFTER
9-1-01

7970B Series Security Door Closers For Use on Doors Hung on 4-1/2" or 5" Wide Butt Hinges Non Hold Open Installation

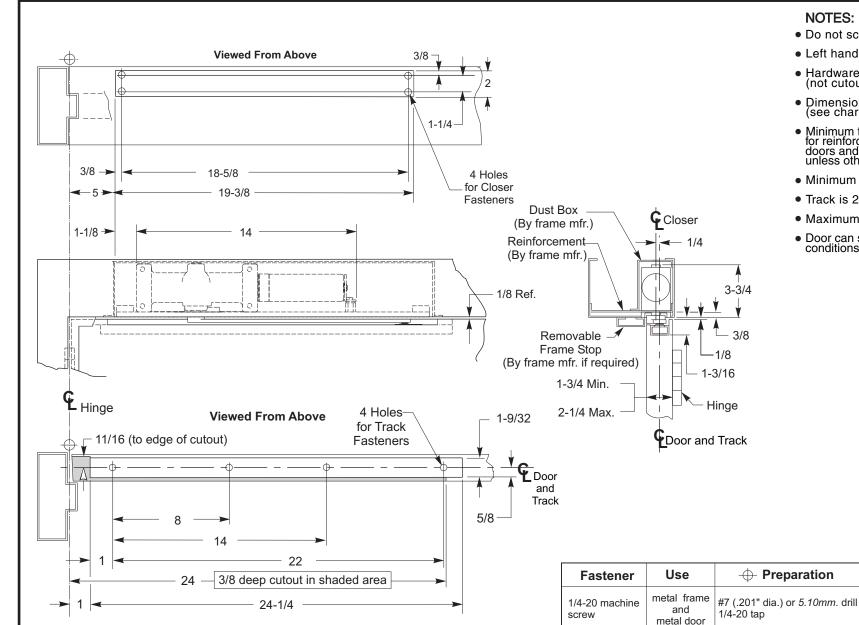




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TEMPLATE NUMBER

01-09



- Do not scale drawing.
- · Left hand door shown.
- Hardware dimensions shown (not cutout).
- Dimensions are in inches (see chart for metric conversion).
- Minimum thickness recommended for reinforcements in hollow metal doors and frames: .1046" (2.66mm.) unless otherwise noted.
- Minimum door width 27 inches.
- Track is 24 inches long.
- Maximum width hinge is 5 inches.
- Door can swing to 180 degrees conditions permitting.

METRIC CONVERSION CHART		
Inches	mm.	
1/8	3.2	
1/4	6.4	
3/8	9.5	
5/8	15.9	
11/16	17.5	
1	25.4	
1-3/16	30.2	
1-1/4	31.8	
1-3/4	44.5	
2	50.8	
2-1/4	57.2	
3-3/4	95.3	
5	127.0	
8	203.2	
14	355.6	
18-5/8	473.0	
19-3/8	492.1	
22	558.8	
24	609.6	
24-1/4	615.9	
27	685.8	

FOR PRODUCTS
PRODUCED AFTER
9-1-01

7970B Series Security Door Closers x 790 Fire Bloc For Use on Doors Hung on 4-1/2" or 5" Wide Butt Hinges Non Hold Open Installation

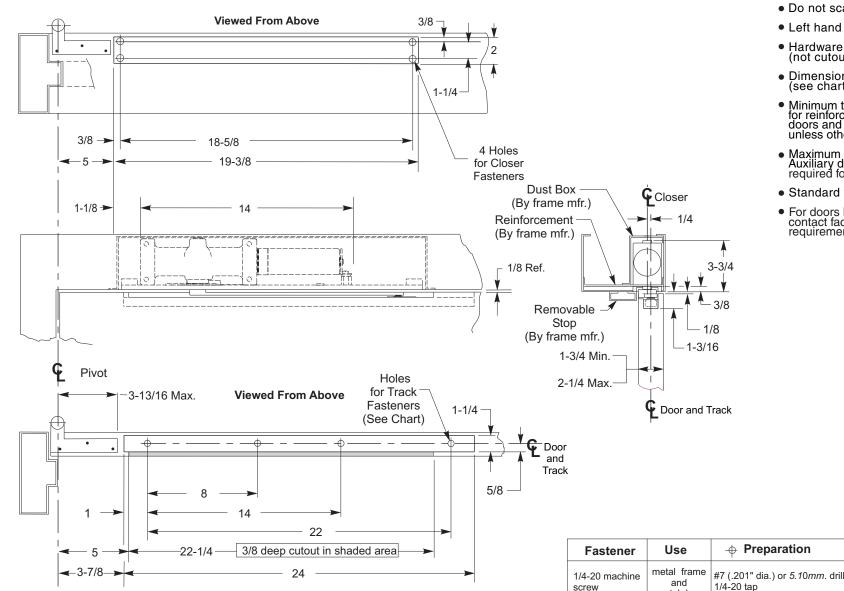




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TEMPLATE NUMBER

7379-0752



- Do not scale drawing.
- Left hand door shown.
- Hardware dimensions shown (not cutout).
- Dimensions are in inches (see chart for metric conversion).
- Minimum thickness recommended for reinforcements in hollow metal doors and frames: .1046" (2.66mm.) unless otherwise noted.
- Maximum door swing is 95 degrees. Auxiliary door stop (not supplied) is required for this application.
- Standard track is 24 inches long.
- For doors less than 29 inches wide, contact factory for modification requirements.

METRIC CONVERSION CHART		
Inches	mm.	
1/8	3.2	
1/4	6.4	
3/8	9.5	
5/8	15.9	
1 1-3/16	25.4	
	30.1	
1-1/4	31.8	
1-3/4	44.5	
2	50.8	
2-1/4	57.2	
3-3/4	95.3	
3-13/16	96.8	
3-7/8	98.4	
5	127.0	
8	203.2	
14	355.6	
18-5/8	473.0	
19-3/8	492.1	
22	558.8	
22-1/4	565.1	
24	609.6	
29	736.6	

FOR PRODUCTS PRODUCED AFTER 9-1-01

7970-OP Series Security Door Closers For Use on Doors Hung on 3/4" Offset Pivots Non Hold Open Installation



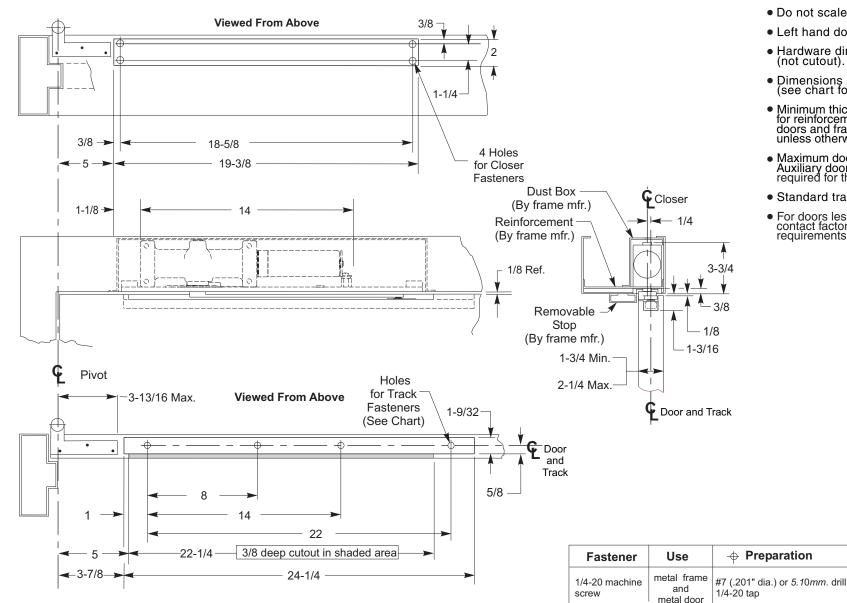
metal door



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TEMPLATE NUMBER

7379-0754



- Do not scale drawing.
- Left hand door shown.
- Hardware dimensions shown (not cutout).
- Dimensions are in inches (see chart for metric conversion).
- Minimum thickness recommended for reinforcements in hollow metal doors and frames: .1046" (2.66mm.) unless otherwise noted.
- Maximum door swing is 95 degrees.
 Auxiliary door stop (not supplied) is required for this application.
- Standard track is 24 inches long.
- For doors less than 29 inches wide, contact factory for modification requirements.

METRIC CONVERSION CHART		
Inches	mm.	
1/8	3.2	
1/4	6.4	
3/8	9.5	
5/8	15.9	
1	25.4	
1-3/16	30.1	
1-1/4	31.8	
1-3/4	44.5	
2	50.8	
2-1/4	57.2	
3-3/4	95.3	
3-13/16	96.8	
3-7/8	98.4	
5	127.0	
8	203.2	
14	355.6	
18-5/8	473.0	
19-3/8	492.1	
22	558.8	
22-1/4	565.1	
24	609.6	
24-1/4	615.9	
29	736.6	

FOR PRODUCTS PRODUCED AFTER 9-1-01

7970-OP Series Security Door Closers x 790 Fire Bloc For Use on Doors Hung on 3/4" Offset Pivots Non Hold Open Installation





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TEMPLATE NUMBER 7379-0755