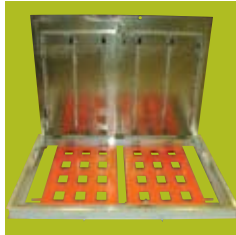
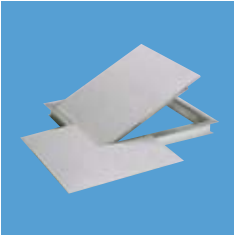
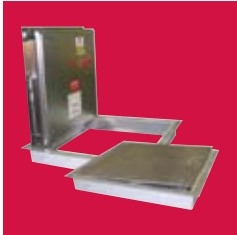


# Floor Hatches



**Complementary  
Building  
Products**



Right to site.



Right to site.



The right products at the right place  
at the right time.

**NYSTROM ... Right to site.**



Because complementary building products – roof hatches, smoke vents, expansion joints, access doors, floor hatches, louvers, and fire cabinets – can be a hassle to specify and order, Nystrom simplifies and streamlines the process, giving you direct access to people who immediately take care of your needs and who take full responsibility for the process from beginning to end, so you are assured of getting the right product at the right time.

So call NYSTROM direct. We'll make sure it's right to site.



Right to site.

Nystrom's Floor Hatch product offering includes a variety of floor vault and sidewalk hatches to provide reliable and safe access below ground and between building floors. All Nystrom floor hatches have stainless steel hardware.

Shipped direct from our central manufacturing facility or from one of our strategically located stocking facilities, Nystrom delivers the hatches you need ... Right to Site.



### **Drainable Series:**

Designed with a threaded coupling for water draining purpose. Intended for use in exterior applications or when the presence of liquids or moisture is expected.



### **Non-Drainable Series:**

#### **Cast-In**

Economical and easy to install, our Cast-In hatches are primarily for interior use in new openings, when concrete will be pour-in-place.



#### **Bolt-In**

Economical and easy to install, our Bolt-In hatches are primarily for interior use for existing-opening, drop-in installations.



### **Recessed Series:**

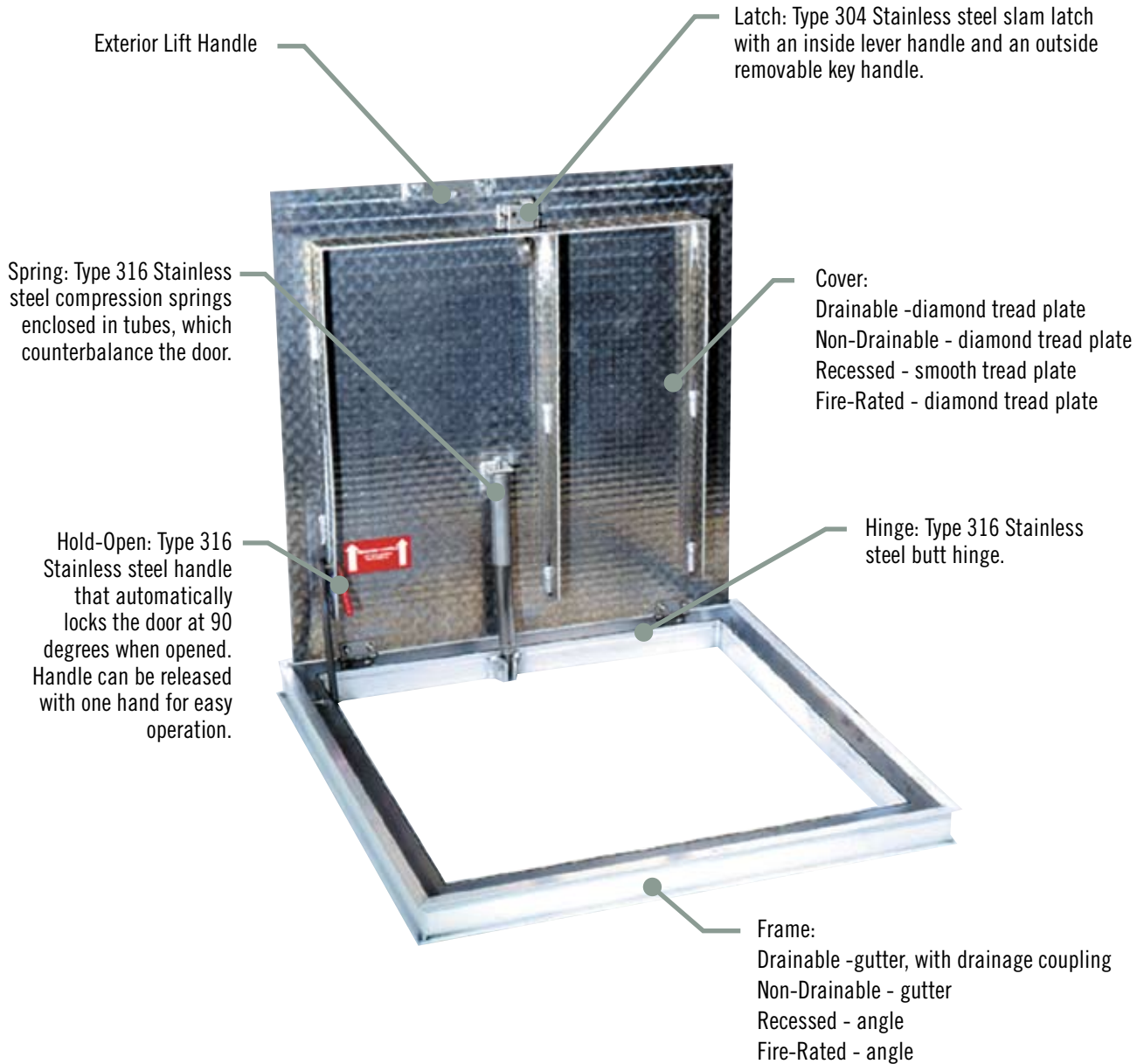
Perfect for high visibility interior areas where access through the floor is necessary in pedestrian areas. The recessed aluminum floor doors are intended for infill of 1/8" VCT / carpet.



### **Fire-Rated Series:**

Nystrom fire-rated floor doors are engineered to achieve Warnock-Hersey fire-rated status without door pan cement infill – saving labor and material costs as well as maximizing the convenience and ease of use.

## Feature Specifications



## FG: Drainable Series

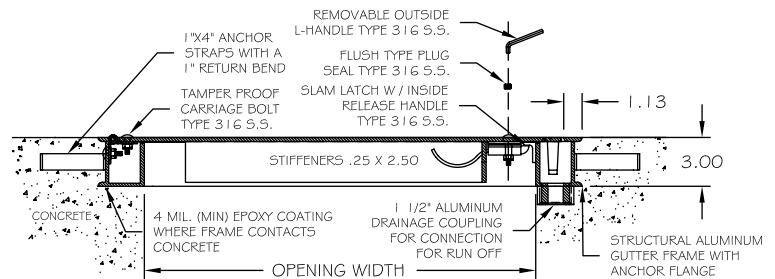
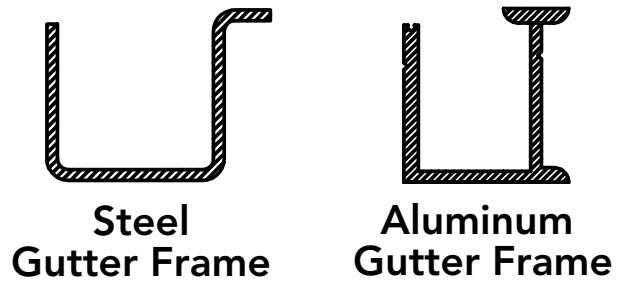
Nystrom Drainable Series Floor Hatches are intended for exterior or high moisture areas when liquid flow into the hatch is a concern.

The frame is constructed with a gutter for water runoff to a drainage system. Our hatches come standard with counterbalancing springs and a slam latch for ease of use. All Nystrom floor doors have stainless steel hardware throughout.

- Door: FGP 3/16" steel diamond tread plate  
FGA 1/4" aluminum diamond tread plate
- Frame: 1-1/2" drainage coupling for water run-off  
FGP 3/16" structural steel gutter frame  
FGA 1/4" extruded aluminum gutter frame
- Finish: FGP Prime coat  
FGA Mill finish. Frames provided with protective epoxy coating at areas that contact concrete
- Load Cap: 300 psf Standard Load Capacity  
Optional: H-20 load capacity



Model shown:  
FGA3636



## FG - Drainable Series Order Guide

Select options from each category to configure your model number. The size chart represents common sizes. Note that we have a wide range of additional standard sizes and offer custom sizes upon request. Contact your Nystrom representative for additional choices.

MATERIAL & FINISH	
A	1/4" Aluminum, mill finish
C	1/4" Aluminum, clear anodized
P	3/16" Steel, prime coat
S	3/16" Type 304 stainless steel (diamond plate)
T	3/16" Type 316 stainless steel (smooth plate)

EXAMPLES OF COMMON WIDTH" X LENGTH"			
SINGLE DOOR		DOUBLE DOOR	
24 x 24	30 x 48	48 x 30	48 x 72
24 x 36	36 x 36	48 x 48	60 x 60
30 x 30	36 x 48	48 x 60	72 x 72
30 x 36	42 x 42		

Hinged on the length dimension.

SERIES  
**FG**
MATERIAL
WIDTH
X
LENGTH
OPTIONS
—
GRATING

OPTIONS	
C	Safety chain
D	Detention lock prep
H	H2O loading
M	Mortise lock prep
P	Padlock hasp thru door
R	Recessed padlock hasp
S	Skirting

Multiple options may be chosen.

GRATING	
SGSD	Safety grating, single door
SGDD	Safety grating, double door



### FH: Non-Drainable Series Cast-In

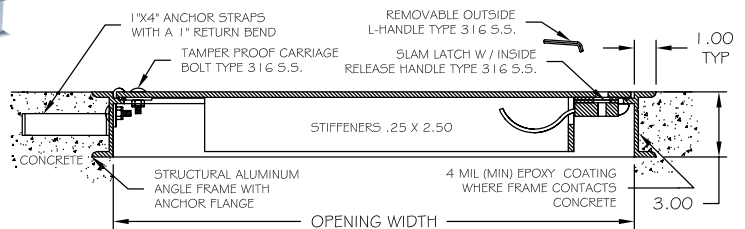
Nystrom Non-Drainable Cast-In Floor Hatches:  
Economical and easy to install, our Cast-In hatches are primarily for interior use in new openings, when concrete will be pour-in-place.

- Door: FHA 1/4" aluminum diamond tread plate.  
FHC 1/4" clear anodized aluminum diamond tread plate.
- Frame: 1/4" extruded aluminum frame
- Finish: Mill finish. Frames provided with protective epoxy coating at areas that contact concrete.
- Load Cap: 300 psf Standard Load Capacity  
Optional: H-20 load capacity



Aluminum Frame

Model shown:  
FHA3636



### FH - Non-Drainable Series Order Guide

Select options from each category to configure your model number. The size chart represents common sizes. Note that we have a wide range of additional standard sizes and offer custom sizes upon request. Contact your Nystrom representative for additional choices.

MATERIAL & FINISH	
A	1/4" Aluminum, mill finish
C	1/4" Aluminum, clear anodized

EXAMPLES OF COMMON WIDTH" X LENGTH"			
SINGLE DOOR		DOUBLE DOOR	
24 x 24	30 x 48	48 x 30	48 x 72
24 x 36	36 x 36	48 x 48	60 x 60
30 x 30	36 x 48	48 x 60	72 x 72
30 x 36	42 x 42		

Hinged on the length dimension.

SERIES  
**FH**
MATERIAL
WIDTH X 
 LENGTH
OPTIONS
—
GRATING

OPTIONS	
C	Safety chain
D	Detention lock prep
H	H20 loading
M	Mortise lock prep
P	Padlock hasp thru door
R	Recessed padlock hasp
S	Skirting

Multiple options may be chosen.

GRATING
<b>SGSD</b> Safety grating, single door
<b>SGDD</b> Safety grating, double door

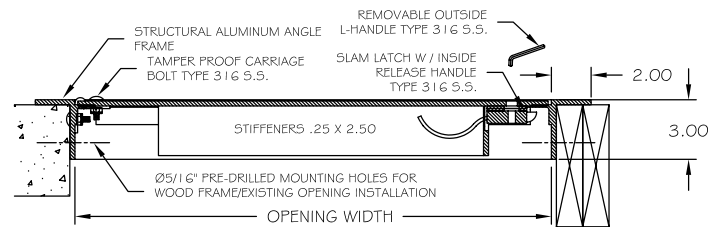
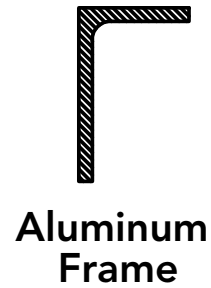
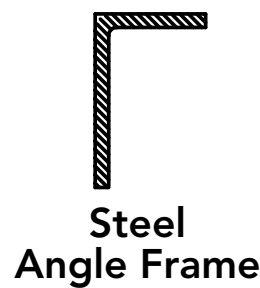
## FH: Non-Drainable Series Bolt-In

Nystrom Non-Drainable Bolt-In Floor Hatches:  
Economical and easy to install, our Bolt-In hatches are primarily for interior use for existing-opening, drop-in installations.

- Door: FHP 3/16" steel diamond tread plate.  
FHAA 1/4" aluminum diamond tread plate.
- Frame: FHP 3/16" structural steel gutter frame  
FHAA 1/4" extruded aluminum gutter frame (2 x 3)
- Finish: FHP Prime coat  
FHAA Mill finish. Frames provided with protective epoxy coating at areas that contact concrete.
- Load Cap: 300 psf Standard Load Capacity  
Optional: H-20 load capacity



Model shown:  
FHAA3636W



## FH - Non-Drainable Series Order Guide

Select options from each category to configure your model number. The size chart represents common sizes. Note that we have a wide range of additional standard sizes and offer custom sizes upon request. Contact your Nystrom representative for additional choices.

MATERIAL & FINISH	
AA	1/4" Aluminum angle frame, mill finish
P	3/16" Steel, prime coat

EXAMPLES OF COMMON WIDTH" X LENGTH"			
SINGLE DOOR		DOUBLE DOOR	
24 x 24	30 x 48	48 x 30	48 x 72
24 x 36	36 x 36	48 x 48	60 x 60
30 x 30	36 x 48	48 x 60	60 x 48
30 x 36	42 x 42		

Hinged on the length dimension.

SERIES	MATERIAL	WIDTH	X	LENGTH	OPTIONS
FH					

OPTIONS	
C	Safety chain
D	Detention lock prep
H	H2O loading
M	Mortise lock prep
P	Padlock hasp thru door
R	Recessed padlock hasp
S	Skirting
W	Drop-in (no anchor straps)

Multiple options may be chosen.

## FT: Recessed

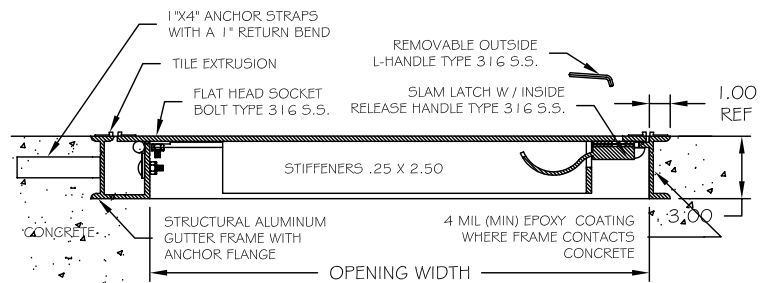
### Recessed Series:

Perfect for high visibility interior areas where access through the floor is necessary in pedestrian areas. The recessed aluminum floor doors are intended for infill of 1/8" VCT / carpet.

- Door:** FTP 3/16" steel smooth plate  
FTA 1/4" aluminum smooth plate
- Frame:** FTP 3/16" structural steel angle frame  
FTA 1/4" extruded aluminum angle frame
- Finish:** FTP Prime coat.  
FTA Mill finish. Frames provided with protective epoxy coating at areas that contact concrete.
- Load Cap:** 300 psf Standard Load Capacity  
Optional: H-20 load capacity



Model shown:  
FTA3636



## FT - Series Order Guide

Select options from each category to configure your model number. The size chart represents common sizes. Note that we have a wide range of additional standard sizes and offer custom sizes upon request. Contact your Nystrom representative for additional choices.

MATERIAL & FINISH	
A	1/4" Aluminum, mill finish
P	3/16" Steel, prime coat

EXAMPLES OF COMMON WIDTH" X LENGTH"			
SINGLE DOOR		DOUBLE DOOR	
24 x 24	30 x 48	48 x 30	48 x 72
24 x 36	36 x 36	48 x 48	60 x 60
30 x 30	36 x 48	48 x 60	
30 x 36	42 x 42		

Hinged on the length dimension.

SERIES	MATERIAL	WIDTH	X	LENGTH	OPTIONS
FT					

OPTIONS			
C	Safety chain	P	Padlock hasp thru door
D	Detention lock prep	R	Recessed padlock hasp
H	H20 loading	S	Skirting
M	Mortise lock prep		

Multiple options may be chosen.



## Fire-Rated Series

**FIRE RATED**

### NFPA 288

Fire-Rated Series:

Nystrom fire-rated floor doors are engineered to achieve Warnock-Hersey fire-rated status without door pan cement infill – saving labor and material costs as well as maximizing the convenience and ease of use.

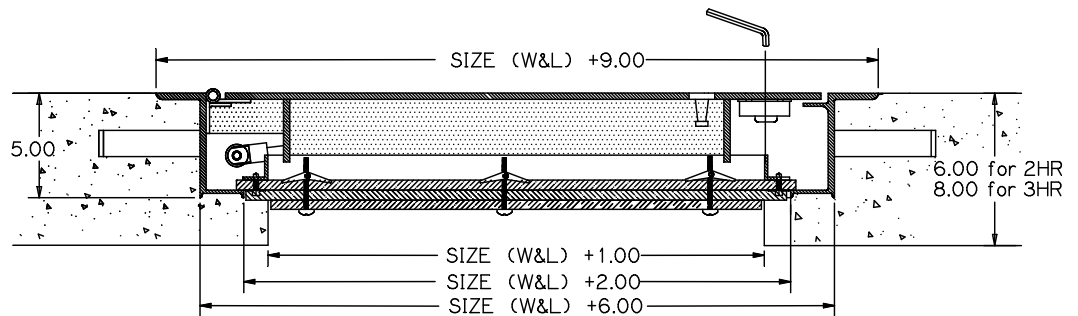


Model shown:  
FCRM3636-SC

Nystrom's F Series fire-rated floor doors are constructed of aluminum giving them superior aesthetics, durability, and corrosion resistance.

The FT recessed floor door accepts 1/8" VCT or carpet for an incredibly subtle appearance.

- Door: FCRM & FCCM 1/4" aluminum diamond tread plate  
FTRM 1/4" smooth aluminum tread plate
- Frame: 1/4" extruded aluminum angle frame
- Hinge: Type 316 stainless steel butt hinge
- Spring: Type 316 stainless steel gas springs, which restrains door in 90° open position and allows close by gravity.
- Latch: Type 316 stainless steel 2-point latch with inside pull handle and outside removable T-handle. Optional: 165°F fusible-link self-closing mechanism per NFPA 80.
- Finish: Mill finish. Frames provided with protective epoxy coating at areas that contact concrete.
- Load Cap: 150 psf Standard Load Capacity
- Testing Std: NFPA 288 (formerly referred to as a ASTM E 119) maximum temperature rise to 250°F in 30 min.; 2 or 3-hour rating and NFPA 251 in floor/ceiling assembly. Subjected to hose stream test per NFPA 252, UL10(b), UBC, CAN/ULC-S104, and UB-106.



## F - Series Order Guide

Select options from each category to configure your model number. The size chart represents common sizes. Note that we have a wide range of additional standard sizes and offer custom sizes upon request. Contact your Nystrom representative for additional choices.

MATERIAL & FINISH	
<b>C</b>	1/4" Aluminum, diamond tread, mill finish
<b>T</b>	1/4" Aluminum, smooth tread, recessed 1/8", mill finish

FIRE RATING	
<b>RM</b>	2-hr (requires 6" concrete slab)
<b>CM</b>	3-hr (requires 8" concrete slab)

SERIES	COVER	FIRE RATING	WIDTH	X	LENGTH	OPTIONS
<b>F</b>						

EXAMPLES OF COMMON WIDTH" X LENGTH"					
24 x 24	30 x 36	36 x 36	42 x 42	48 x 48	
30 x 30	30 x 48	36 x 48	48 x 30	48 x 60*	

OPTIONS	
<b>SC</b>	Self closing door @ 165°F

All floor doors are hinged on the length dimension. Single leaf construction only.  
\*Maximum size for Warnock-Hersey listing tested per NFPA 288.

## SG: Safety Grating Fall Protection



Model shown:  
FGA3636-SGSD



### Safety Grating Systems

Fall Protection Safety Grating is now available as a factory-installed option on Nystrom's FGA drainable series and FHA non-drainable series floor doors.

#### FGA Drainable Series

- 300 psf load, Single door sizes up to 48" x 120", Double door sizes up to 96" x 48"
- H20 load, Single door sizes up to 48" x 72", Double door sizes up to 96" x 48"

#### FHA Non-drainable Series

- 300 psf load, Single door sizes up to 48" x 60", Double door sizes up to 96" x 48"

### Material & Finish Options



#### A Aluminum Type 6061-T6

Standard material which is highly resistant to corrosion.



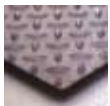
#### C Clear Anodized Aluminum Type 6061-T6

Greater corrosion resistance with an attractive finished appearance.



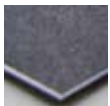
#### P Prime Painted Steel

Economical alternative to aluminum for interior applications. Prime coated with a rust inhibitive for finish painting.



#### S Stainless Steel #304

Used in applications where certain corrosive chemicals may affect aluminum and steel.



#### T Stainless Steel #316

Maximum level of corrosion resistance available. The non-skid tape provides a high traction surface.

### Additional Options



#### H H20 Loading Capacity

Intended for infrequent, offstreet locations that occasionally receive H20 wheel-loads.



#### P Padlock Hasp Through Door

Simple hasp through the door that allows the hatch to be locked by a padlock.



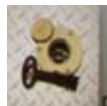
#### R Recessed Padlock Hasp with Hinged Cover

In applications where security and traffic are important, this hasp is concealed under a lid that is flush with the hatch.



#### M Mortise Cam Lock

A high security option that allows the hatch to receive a mortise cylinder with an extended cam.



#### D Detention Lock

Use where maximum security is required. Door is prepared to receive a detention deadbolt lock.

#### C Safety Chain

Provides basic fall protection.

#### S Skirting

Matches hatch depth to thickness of concrete.

#### O Odor-Tight Gasket

Limits the transmission of odors through the hatch. Available on FGA in sizes up to 42" x 42".

## SR: Safety Railing Order Guide



Model shown:  
SRTG36X36FC

COMMON WIDTH X LENGTH	
30 x 30	36 x 36
36 x 30	48 x 48

Hatch size = railing size.

**SERIES**  
**SR** T G **WIDTH** X **LENGTH** **F C**

### Safety Railing Systems

Nystrom safety railing systems comply with guardrail protection for floor openings. These railings are easily mounted to the concrete slab surrounding the hatch.

- Material: 1 1/4" ID schedule 40 steel pipe
- Finish: Galvanized to ASTM A53
- Pipe Caps: Weather and light resistant vinyl 1 1/2" deep and fit snugly over pipe ends
- Hardware: Hex head bolts 3/8" x 2 1/2" grade Z, zinc plated.
- Chain: 3/16" proof coil ASTM specification, zinc plated with quick links and 2 1/2" zinc plated hoops on each end.



Meets OSHA Standard  
CFR 29 1910.23

## SN: Safety Netting Order Guide



Model shown:  
SNA36X36-R

WIDTH X LENGTH	
30 x 30	36 x 36
36 x 30	48 x 48

Hatch size = safety net size.

**SERIES**  
**SN** A **WIDTH** X **LENGTH** - **R**

### Safety Netting Systems

Nystrom safety netting systems are available for floor hatches. The Safety Netting system is a retrofit system that comes standard with 3/8" anchor bolts for mounting net into the concrete below floor hatch into the surrounding floor to meet safety requirements.

- Rail: Extruded Aluminum 6061 T6
- Netting: Polyester, orange in color, breaking strength 5000lbs
- Testing: Meets OSHA 1926.105 Netting test specification and OSHA 1926.502 Drop test specification.

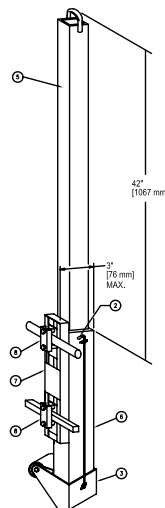
## SLP: Safety Ladder Posts Order Guide

MATERIAL & FINISH	
1	Steel, red powder coat
2	Steel, hot dip galvanized
3	Aluminum, mill
4	Stainless steel, mill

**SERIES**  
**SLP** - **MATERIAL**

### Safety Ladder Posts

Nystrom safety ladder posts mount to fixed ladders beneath floor hatches to comply with OSHA safety standards 1910.27 to meet 200 lb design load for ladder safety devices.



- 1 Lifting handle
- 2 Release assembly with handle
- 3 Extended position locking bracket
- 4 Constant force balancing spring
- 5 Square tubing - 1.5"
- 6 Square tubing - 2"
- 7 Mounting channel - adjustable for ladder rung spacing up to 14" (approx.)
- 8 Clamp brackets with 3/8-16 x 3" long stainless steel bolts. Clamp brackets can be reversed to allow for larger sized ladder rungs from 3/4" to 1-1/4". Larger sized rungs will need longer bolts - NOT supplied.

Nystrom reserves the right to withdraw products or make product changes to color or design without notice.

Access Doors



Roof Hatches



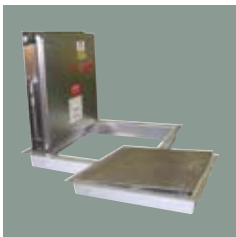
Smoke Vents



Louvers



Fire Cabinets



Floor Hatches



Expansion Joints



Entrance Systems



Stair Nosings



Wall Protection

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Nystrom.com



Right to site.