

HANGERS & RAILS

Box Rail

Max. Door Weight (SWL) — 450 lbs
Meets ANSI/BHMA A156.14, Grade 1.

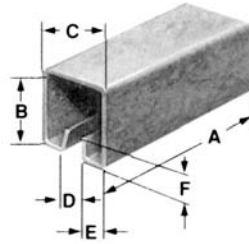
- Rail is carefully formed to give an even tread to hanger wheels.

Packaging: Bundled without Fasteners

Material: Galvanized steel

Finish: Galvanized coating

Use: Designed for use on up to 450 lbs doors. Can be used with many types of single and multiple brackets; screws for attaching rail are packed with brackets.



Part No.	A	B	C	D	E	F
NAM 5116	6'	2.25"	1.75"	.75"	.44"	.31"
NAM 5116	8'	2.25"	1.75"	.75"	.44"	.31"
NAM 5116	10'	2.25"	1.75"	.75"	.44"	.31"
NAM 5116	12'	2.25"	1.75"	.75"	.44"	.31"

Rigid Hanger w/ Single Strap

Safe Working Load — 225 lbs per hanger

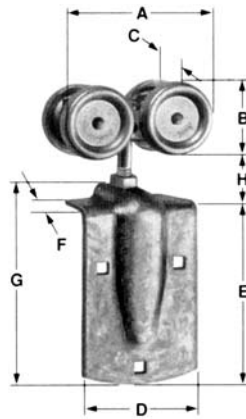
- Made of durable one piece, precision-formed steel.
- Offers self-lubricating Delrin® bearings.

Packaging: 1 pair per box

Material: Hot-rolled steel with Delrin® 500CL bearings

Finish: Zinc plated

Use: Designed for use on wood-frame sliding doors from 1 1/2" to 2" thick (slot in top of door strap allows lateral and vertical adjustment) with National's #5116 box rail. Packed with two end caps and bolts for attaching door strap.



Part No.	A	B	C	D	E	F	G	H
NAM 5005	4.51"	2.14"	1.61"	3.5"	5.25"	2.17"	5.62"	1.03" to 1.8"

Rigid Hanger w/ Straight Bolt

Safe Working Load — 225 lbs per hanger

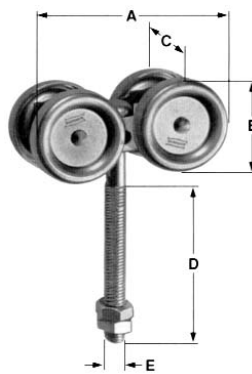
- Made of durable one piece, precision-formed steel.
- Offers self-lubricating Delrin® bearings.

Packaging: 1 pair per box

Material: Hot-rolled steel with Delrin® 500 CL bearings

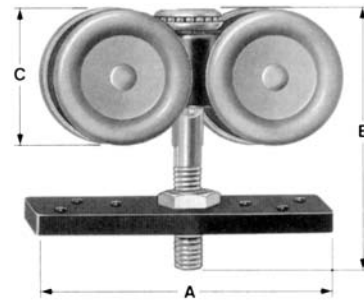
Finish: Zinc plated

Use: Designed for use with National's #5116 box rail. Includes truck, connecting bolt and nuts.



Part No.	Bolt	A	B	C	D	E
NAM 5001	3 1/8"	4.51"	2.14"	1.61"	1.38"	.5"

Accordion Door Hangers



Heavy Duty

- Doors cannot accidentally jump the track
- Wheels never need lubrication
- Hangers are also available without plate

Packaging: Boxed

Material: Steel

Finish: Zinc plated finish

Use: Designed for use with National's #5116 Rail on doors up to 150 lbs each. These hangers can be used in churches, schools and auditoriums or wherever a number of doors are hung together in a series in an opening. Also includes a trolley truck with a 7/16" x 4 3/8" connecting bolt, capped with a race of ball bearings for smooth fold-back action, one nut for vertical adjustment and a 1 1/2" x 5" mounting plate for the top of the door.

Part No.	A	B	C	D*
NAM 47	5"	49/16"	21/16"	19/16"

*Width of hanger

Single-Box Rail Bracket

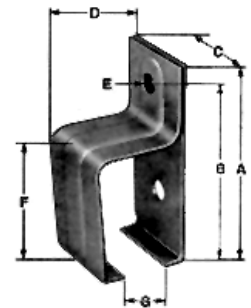
Packaging: 25 per box

Material: Galvanized steel

Finish: Galvanized coating

Use: Used as a support bracket for National's #5116 box rail.

Part No.
NAM DP51FBC



A	B	C	D	E	F	G
4.47"	3.87"	2.00"	2.25"	.44"	2.94"	.88"

Single-Splice Box Rail Bracket

Meets ANSI/BHMA A156.14

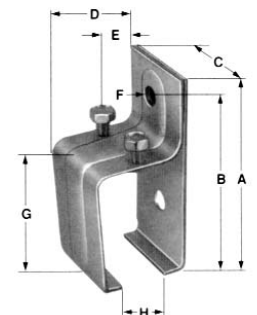
Packaging: 25 per box

Material: Galvanized steel

Finish: Galvanized coating

Use: Designed to join two pieces of National's #5116 box rail.

Part No.
NAM DP51GBC

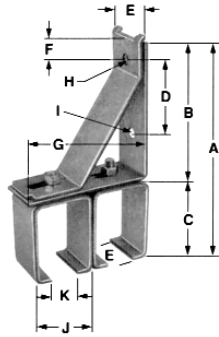


A	B	C	D	E	F	G	H
4.47"	3.75"	2.25"	2.69"	1.06"	.44"	2.94"	.88"

HANGERS & RAILS

Double Box Rail Bracket

Packaging: 10 per box
 Material: Galvanized steel
 Finish: Galvanized coating
 Use: Designed to support a double run of National's #5116 box rail.



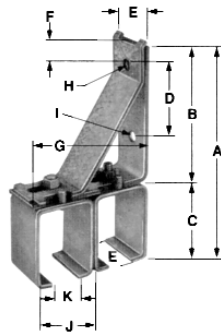
Part No.
 NAM DP51HBC

A	B	C	D	E	F	G*	H	I	J	K
8.25"	5.25"	3"	2.69"	1.75"	.83"	4.65"	.41"	.41"	2.25"	.87"
to 5.06"										

*Mfg. face to outside bracket.

Box Rail Bracket

Double—Splice
 Meets ANSI/BHMA A156.14
 Packaging: 2 per box
 Material: Galvanized steel
 Finish: Galvanized coating
 Use: Designed to joint two pieces of National's #5116 box rail



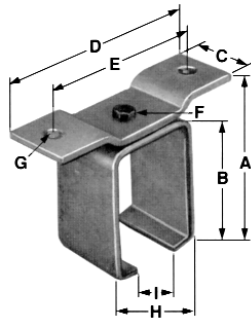
Part No.
 NAM DP51HSBC

A	B	C	D	E	F	G*	H	I	J	K
8.37"	5.37"	3"	2.69"	1.75"	.83"	4.65"	.41"	.41"	2.25"	.87"
to 5.06"										

*Mfg. face to outside bracket.

Box Rail Bracket

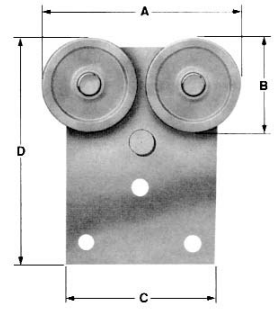
Single—Ceiling
 Packaging: 2 per box
 Material: Galvanized steel
 Finish: Galvanized coating
 Use: Designed for overhead support of National's #5116 box rail.



Part No.	A	B	C	D	E	F	G	H	I
NAM 51J	3.5"	3"	1.5"	4.87"	3.87"	.41"	.42"	2.25"	.87"

Lightweight Hanger

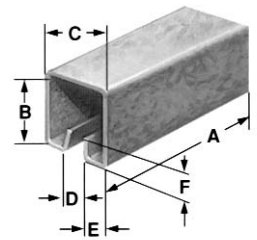
Safe Working Load — 75 lbs per hanger
 • Delrin® wheels for quiet operation
 Packaging: 1 pair per box
 Material: Hot-rolled steel with Delrin® wheels
 Finish: Zinc plated finish
 Use: Designed for hanging lightweight doors. May be used to hang bypassing doors on a single run of #5116 box rail.



Part No.	A	B	C	D
NAM 56	4.43"	2.13"	3.5"	5.38"

Heavy Box Rails

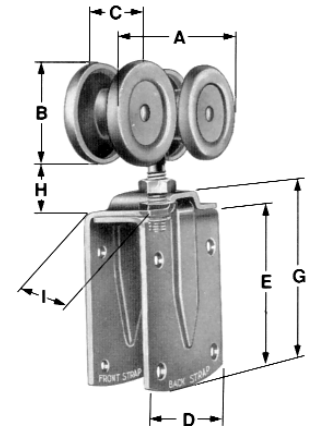
Safe Working Load — 600 lbs
 • The Heavy Box Rail is carefully formed to give an even tread for hanger wheels.
 Packaging: Bundled
 Material: Galvanized steel
 Finish: Galvanized coating
 Use: Designed for use on doors weighing up to 600 lbs. When using #4114 rail, space brackets 24" apart on doors.



Part No.	A	B	C	D	E	F
NAM 4114	8'	3.21"	2.21"	.71"	.58"	.37"
NAM 4114 F/O	10'	3.21"	2.21"	.71"	.58"	.37"

Rigid Hangers

w/ Double Strap. Safe Working Load — 500 lbs per hanger
 Packaging: 1 pair per box
 Materials: Hot-rolled steel and cast steel
 Finish: Zinc plated
 Use: Heavy sliding doors from 17/8" x 2 1/2" thick (slot in top of door strap allows lateral & vertical adjustment) with National's # 4114 rail. Includes two end caps and bolts to attach door straps.



Features:
 • Pressed steel wheels have large steel roller bearings
 • Heavy-gauge, double-door straps with bolts provide extra carrying strength

Part No.	A	B	C	D	E	F	G	H	I
NAM 42	6.4"	3"	1.32"	4.5"	5.75"	1.10"	6.15"	.75"	2.56"
to 2.13"									

HANGERS & RAILS

Hangers with Straight Bolt

Safe Working Load — 500 lbs per hanger

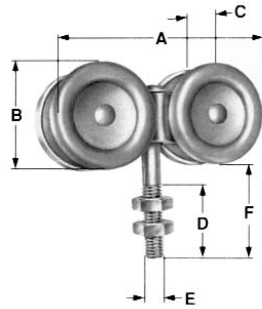
- Pressed steel wheels have large steel roller bearings.

Packaging: 1 pair per box

Materials: Hot-rolled steel & cast steel

Finish: Zinc plated

Use: Designed for use on heavy sliding doors with National's # 4114 rail. This truck is the same as the #42 hanger without the door strap. Includes a 4³/₄" connecting bolt and two nuts for use on metal doors.



Part No.	Bolt Size	A	B	C	D	E	F
NAM 42T	4 ³ / ₄ "	6.4"	3.02"	2"	2.37"	.62"	2.57"

Box Rail Bracket

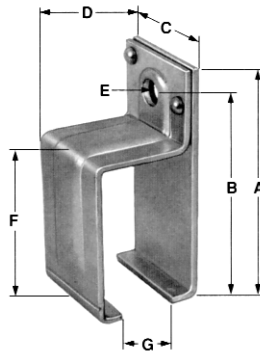
Heavy Single

Packaging: 2 per box

Material: Hot-rolled steel

Finish: Zinc plated finish

Use: Designed for use at 2' or less intervals with National's #4114 rail to hang rail on side of a building.



Part No.	A	B	C	D	E	F	G
NAM 41F	6"	5.06"	2.75"	2.85"	.69"	4.12"	1.25"

Box Rail Bracket

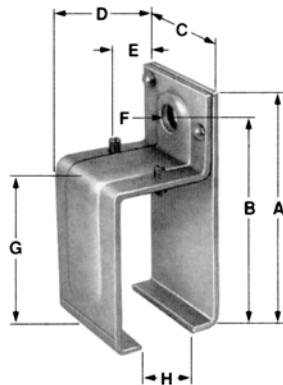
Heavy Single-Splice

Packaging: 2 per box

Material: Hot-rolled steel

Finish: Zinc plated finish

Use: Designed to join two pieces of National's #4114 rail.



Part No.	A	B	C	D	E	F	G	H
NAM 41G	6"	5.06"	2.75"	2.81"	1.37"	.68"	4"	1.25"

Heavy Double Box Rail Bracket

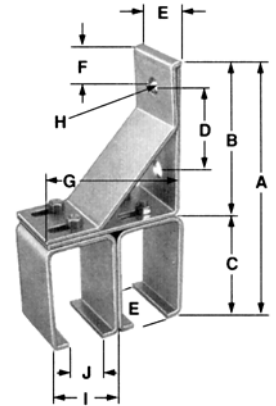
Adjustable

Packaging: 2 per box

Material: Hot-rolled steel

Finish: Zinc plated finish

Use: Designed for use at a 2' or less intervals with National's #4114 rail to hang rail on side of a building.



Part No.	A	B	C	D	E	F	G	H	I	J
NAM 41H	10.56"	6.12"	4.43"	3.5"	2.75"	1.32"	5.75"	.69"	2.78"	1.45" to 6.44"

Box Rail Bracket

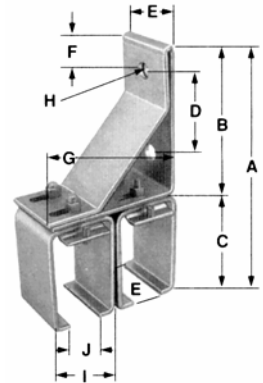
Heavy Double-Splice — Adjustable

Packaging: 2 per box

Material: Hot-rolled steel

Finish: Zinc plated

Use: Designed to join two pieces of National's #4112 or #4114 rail.



Part No.	A	B	C	D	E	F	G	H	I	J
NAM 41HS	10.56"	6.12"	4.43"	3.5"	2.75"	1.32"	5.75"	.69"	2.78"	1.45" to 6.44"

Door Bumper

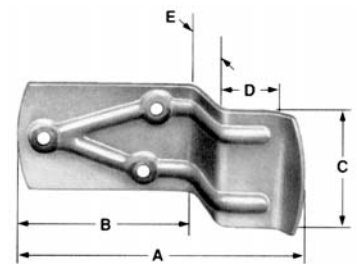
- Bumper is made of strong, sturdy steel
- Embossed steel is for added strength

Packaging: Boxed with screws

Material: Hot-rolled steel

Finish: Zinc plated finish

Use: Designed for use as a door stop on up to 2" thick sliding doors.



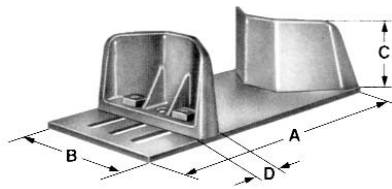
Part No.	A	B	C	D	E
NAM DP17BC	6.18"	4.71"	2.75"	1"	2.56"

HANGERS & RAILS

Floor-Mounted Door Guides

Adjustable

Packaging: 1 per box
 Material: Hot-rolled steel
 Finish: Zinc plated
 Use: Designed for large, single sliding doors.

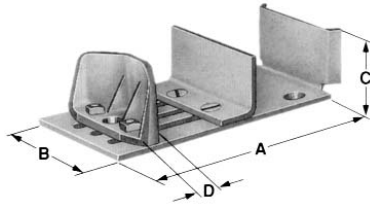


Part No.	A	B	C	D
NAM 20	6"	4"	1.86"	1.56"

Adjustable to 3" doors

Meets ANSI/BHMA A156.14

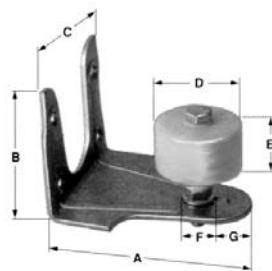
Packaging: 1 per box
 Material: Hot-rolled steel
 Finish: Zinc plated
 Use: Designed for large, by-passing doors.



Part No.	A	B	C	D
NAM 20-2	7.66"	5.13"	1.64"	1.56"

Side-Mounted Stay Rollers

- Embossed frame with two wings provides greater bracing and holding strength vs. conventional single-support, corner-iron frame
- Delrin® wheel ensures rust-free operation; prevents dirt from clogging or accumulating
- Reversible wheel; use on either side of frame
- Convex roller wheel prevents gouging of door
- Roller is adjustable

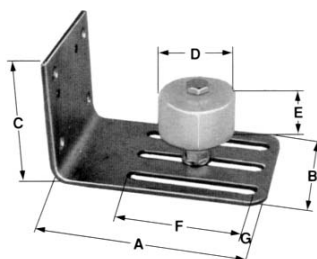


Packaging: 10 per box
 Material: Hot-rolled steel with Delrin® wheel
 Finish: Zinc plated
 Use: A guide on large, sliding doors up to 2 1/4" thick.

Part No.	A	B	C	D	E	F	G
NAM DP18BC	4.25"	3.25"	3.5"	2"	1.10"	1.12"	.5"

Meets ANSI/BHMA, A156.14

- Slots in frame provide adjustment for holding doors against wood walls or posts
- Wheel is reversible; roller is adjustable
- Offers sturdy steel frame construction
- Includes nail and lag screw holes
- Hardened steel bolt for greater strength



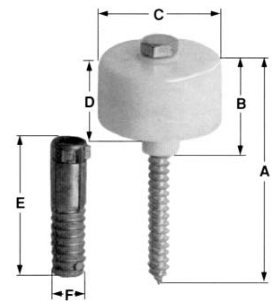
Packaging: 10 per box
 Material: Galvanized steel with Delrin® wheel
 Finish: Galvanized coating
 Use: A heavy-duty guide on large, sliding doors up to 3 3/4" thick.

Part No.	A	B	C	D	E	F	G
NAM DP318BC	5.34"	3.5"	3.45"	2"	1.10"	3.41"	.25"

Floor-Mounted Stay Rollers

Meets ANSI/BHMA, A.156.14

- Delrin® bearing wheel rolls easier and lasts longer than many other steel bearing hangers
- Offers heavy-duty stay roller and 3/8 x 4 1/2" lag screw with expansion shield



Packaging: 1 per box with lag screw and expansion shield

Material: Hot-rolled steel with Delrin® wheel

Finish: Zinc plated

Use: Designed for use as a guide on large, sliding doors. Mounts to concrete floor or apron.

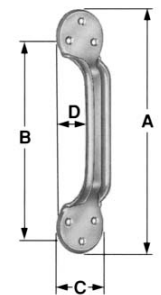
Part No.	A	B	C	D	E	F
NAM DP319BC	4.63"	1.58"	2"	1.10"	2"	.75"

LATCHES, PULLS & HANDLES

Extra-Heavy Door Pulls

Large size for easy grip.

- Extra-heavy gauge steel
- Rolled design for added strength
- Six screw or carriage bolt holes for extra holding power



Packaging: 5 per box, bagged with screws

Material: Hot-rolled steel

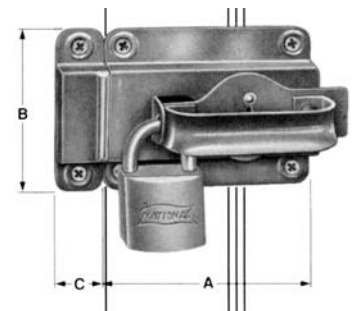
Finish: Zinc plated

Use: Designed for large sliding doors on farm and industrial buildings, warehouses, etc.

Part No.	A	B	C	D
NAM BB 8	10 15/16"	9"	2 1/2"	19/16"

Swinging Door Latches

- Latches automatically
- Can be padlocked
- Handle prevents flattening if door slams against building
- Operates from inside and outside
- Wide strike allows for door sag
- Bolt has rounded face for easy latching
- Bracket is provided to hold door open
- Designed for right or left hand, in or outswinging applications



Packaging: 1 per box

Material: Hot-rolled steel

Finish: Zinc plated

Part No.	A	B	C
NAM 25	4 1/2"	35/8"	1.00"

GENERAL PURPOSE HINGES

Super Swing N' Stay® Hinges



- Removable ramps are included. With the ramps installed in the bottom pivot cam, the door will always return to the closed position. With the ramps removed, the door will remain open on either or both sides, if desired
- Delrin® top pivot bearing and bottom pivot cam ensure quiet operation and long service since there is no metal-to-metal contact
- Designed with ample in/out lateral adjustment for perfect door alignment
- Door can be removed without taking off hinge brackets

Packaging: V-Pac, 4 per box

Materials: Cold-rolled steel hinge brackets, zinc die-cast pivots and Delrin® bearings

Finish: Satin Brass plated

Use: Heavy-duty, gravity-action hinge is designed for 3/4" to 1 3/8" thick swinging, café-style doors weighing up to 50 lbs

Part No.	A	B
NAM V130-4	1 3/4"	1 3/8"

HOLDERS

Closed Bar Holder

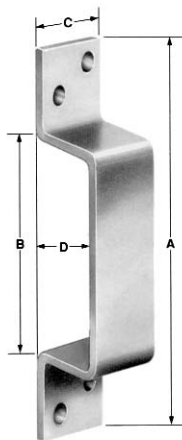
Designed for use with 2" x 4" lumber.

Packaging: 10 per box

Material: Hot-rolled steel

Finish: Zinc plated

Use: Designed to secure shed and small warehouse doors. Holders can be used with National's #15 Bar Holder.



Part No.	Size	A	B	D	E
NAM 14	6 3/8"	6 3/8"	3 13/16"	1 1/2"	1 19/32"

HASPS

Safety Hasp

- For security, screws are concealed when hasp is closed
- Includes rigid, non-swivel staple
- Ribbed design for extra strength

Packaging: V-Pac 2 per box

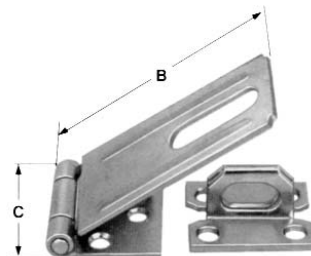
Materials: Hot-rolled steel with case hardened staple on 7" hasp

Finish: Zinc plated

Use: To secure a wide variety of doors, cabinets, boxes, trunks, etc.

Part No.	Size	A*	B	C
NAM V30-7	7"	9 13/16"	7"	2 1/2"

*Overall length of hasp (not including staple) when open



Swivel Staple Safety Hasps

- For security screws are concealed when hasp is closed
- The swivel staple is for latching without a padlock
- Spring washer holds swivel staple in a fixed position
- Ribbed for extra strength

Packaging: V-Pac, 3/4", 10 per box. 4 1/2" and 6", 5 per box

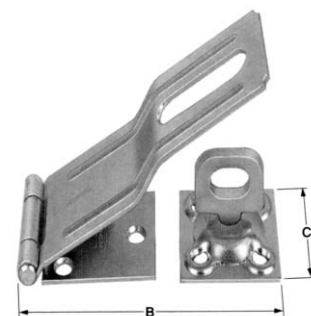
Material: Cold-rolled steel

Finish: Zinc plated

Use: Designed to secure a wide variety of doors, cabinets, boxes, trunks, etc.

Part No.	Size	A*	B	C
NAM V32	3 1/4"	4 1/2"	3 1/4"	1 1/2"
NAM V32	4 1/2"	6 5/16"	4 1/2"	1 1/2"
NAM V32 F/O	6"	8 23/32"	6 1/32"	1 3/4"

*Overall length of hasp (not including staple) when open



Extra-Heavy Hinge Hasp

- The case-hardened steel staple is for extra security
- The square hole is provided for a carriage bolt for added security

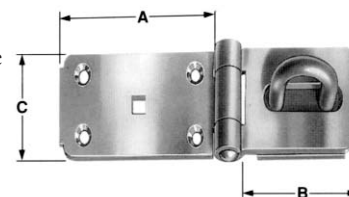
Packaging: V-Pac/2 per box

Materials: Hot-rolled steel and case-hardened steel staple

Finish: Zinc plated

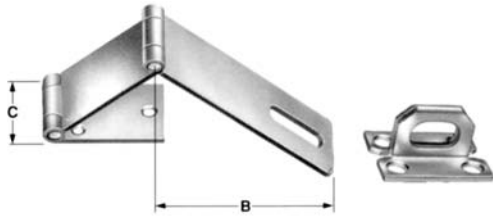
Use: Hasp is designed for heavy-duty applications, such as storage sheds, warehouse doors. Can be used on around-the-corner applications

Part No.	Size	A	B	C
NAM 33	7 1/4"	4 1/16"	3 1/8"	1 7/8"



HASPS

Double-Hinge Safety Hasps



- For security, screws are concealed when hasp is closed
- Includes rigid, non-swivel staple
- Ribbed design for added strength

Packaging: V-Pac/5 per box

Material: Cold-rolled steel

Finish: Zinc plated

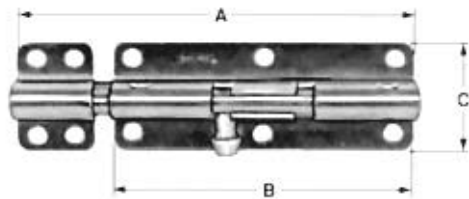
Use: Hasp is designed for around-the-corner applications on lockers, chests, tool boxes, doors, etc.

Part No.	Size	A*	B	C
NAM V34	3 1/4"	6 7/32"	3 9/32"	1 19/32"
NAM V34	4 1/2"	8 7/8"	4 13/32"	1 19/32"

* Overall length of hasp (not including staple) when open

BOLTS

Heavy Barrel Bolt



- Can be secured with a padlock
- Use on vertical, horizontal an right- or left-hand applications

Packaging: Poly-bagged, 15 per box

Materials: Steel case and bolt

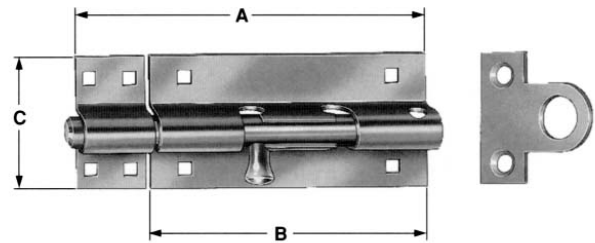
Finish: Zinc plated

Use: Designed for security applications such as on doors, gates, storage sheds, utility cabinets, etc.

Part No.	Size	A	B	C
NAM SPB831-603-6	6"	6"	4 1/2"	1 21/32"

Extra-Heavy Barrel Bolts

Heavy Duty



- Can be mounted with carriage bolts for added security
- Surface and universal strikes are provided
- Bolt diameter is .60

Packaging: V-Pac/2 per box

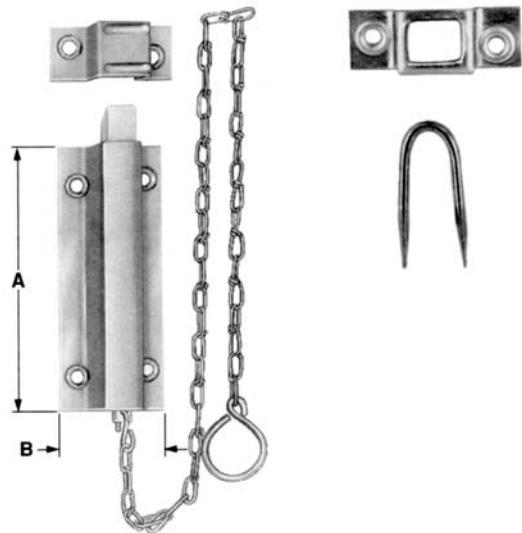
Materials: Steel case, strike, and bolt

Finish: Zinc plated

Use: For security on farm buildings, sheds, stockrooms, doors and other heavy-duty installations. It can be padlocked for additional protection.

Part No.	Size	A	B	C
NAM V832-5	5"	6 3/16"	4 9/16"	2 3/4"
NAM V832-8	8"	8"	6"	2 3/4"

Chain Bolt



- The spring action engages the strike
- Bolt has 3/4" throw
- The pull chain is 21" long
- Package includes staple and surface strikes for in-swinging or out-swinging doors

Packaging: V-Pac/2 per box

Materials: Steel case and strike; die-cast zinc bolt

Finish: Zinc plated

Use: This bolt is designed for securing doors on industrial or farm buildings warehouses, garages, etc.

Part No.	Size	A	B
NAM V820-2C	6"	6"	1 15/16"

BOLTS

Foot Bolt

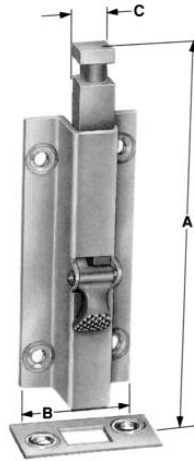
- Rust-resistant bolt held in position by a spring
- Bolt opens easily by depressing trip lever
- Bolt has a 7/8" throw for secure latching.

Packaging: V-Pac/2 per box

Materials: Steel case and strike; die-cast zinc bolt

Finish: Zinc plated

Use: Security doors on industrial or farm buildings, warehouses, garages, etc.



Part No.	Size	A	B	C
NAM V830-2C	6"	6"	1 15/16"	9/16"

Cane Bolt

Adjustable Throw

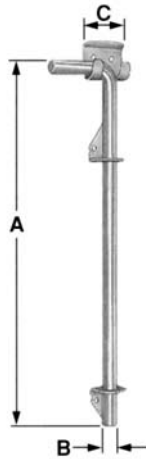
- Variable bolt throw and holder store bolt in open position and prevent its removal
- Gate can be held in both the closed and open positions by using two sockets (1/2" or 3/4" pipe recommended but not included)
- Vertical or horizontal applications

Packaging: 18" V-Pac/5 per box
24"/1 per box

Materials: Hot-rolled steel

Finish: Zinc plated

Use: Heavy wood gates & doors, double doors and driveway wood gates. Cane bolt anchors one gate while gate latch acts as a stop for the other gate.



Part No.	Size	A	B	C
NAM V835	5/8" x 18"	18"	5/8"	2"
NAM 835	5/8" x 24"	24"	5/8"	2"

Cane Bolt

Non-Adjustable Throw

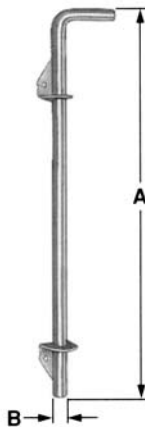
- Bolt is non-removable
- Bolt can be locked in the raised/open position
- Gate can be held in the open or closed position
- Designed for vertical or horizontal applications

Packaging: V-Pac/5 per bx

Materials: Hot-rolled steel

Finish: Zinc plated

Use: Designed for securing single or double doors and gates in the open or closed positions.



Part No.	Size	A	B
NAM V836-2C	1/2" x 12"	12"	1/2"