

MSA Confined Space Entry Equipment



*Because every life has a **purpose...***

MSA Confined Space Entry Equipment

MSA XTIRPA Manhole Guard System

Use for confined space vertical entry and fall protection when portable base is needed.

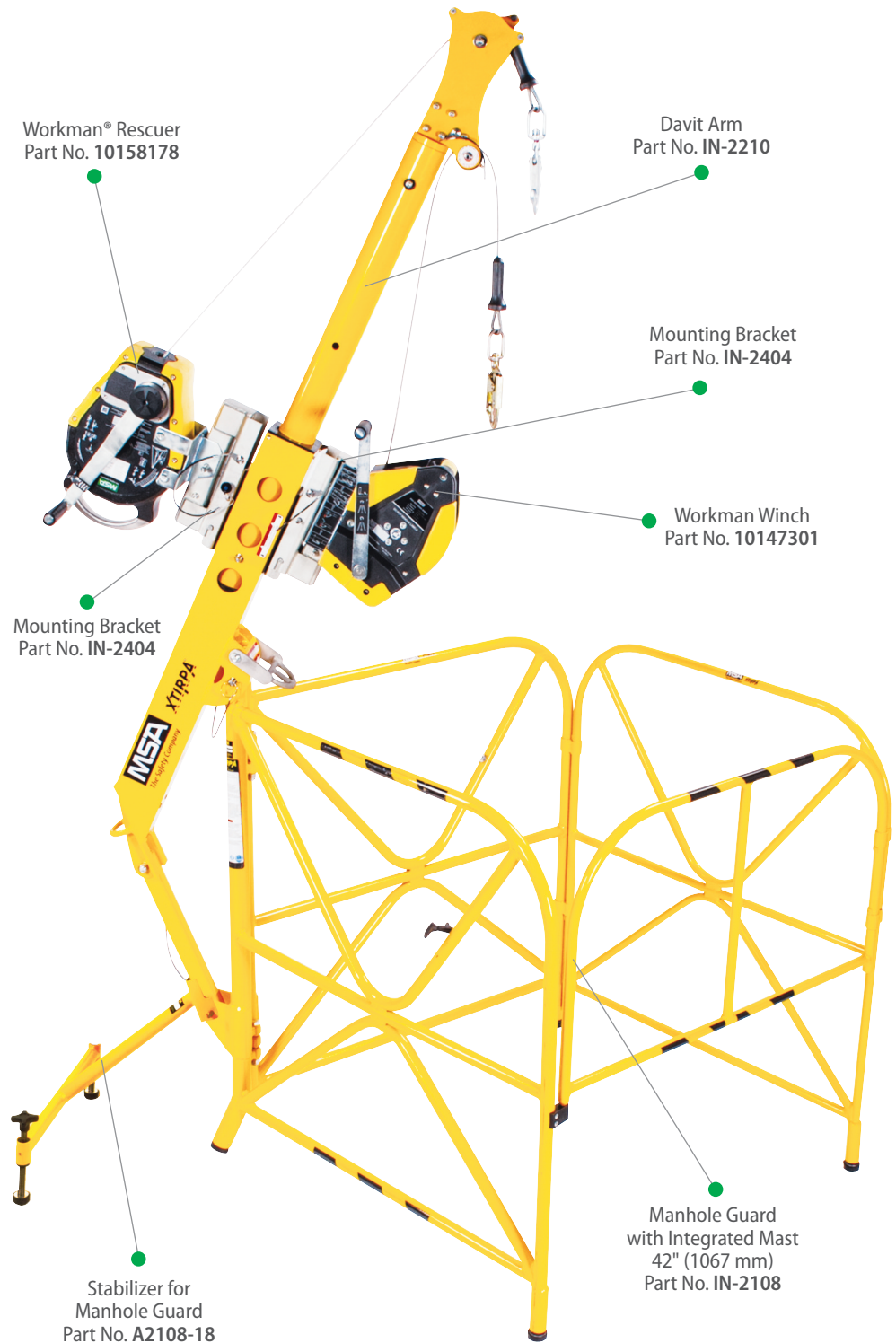
Manhole Guard systems are portable anchorage connectors used for vertical entry into confined spaces. The Manhole Guard with Integrated Mast barricades exposed entry points while providing the necessary strength needed for fall protection, entry, and retrieval applications. The Davit Arm and Manhole Guard with Integrated Mast interface allows for reduced material surrounding the confined space entry, thus reducing the presence of trip and fall hazards.

Weight Capacity



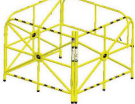










400 lb (181 kg)
as pictured with Workman Rescuer and Workman Winch

Required System Components

- Davit Arm **IN-2210**
- Manhole Guard with Integrated Mast **IN-2108**
OR
Large Manhole Guard with Integrated Mast **IN-2324**
- Rescuer SRL such as **10158178** and corresponding attachment bracket such as **IN-2404**



Ordering Information

Davit Arm 24" Reach		P/N IN-2210	Meets OSHA Regulations
24 in. davit arm with secondary winch adapter for fall protection and retrieval facilitates access to confined spaces. Used in conjunction with 24 in. mast IN-2003 and appropriate base/system or manhole guard. IN-2108 or IN-2324. Equipped with 5,000 lbs. anchor point. Unit weight: 33 lbs. 67"L x 9"W x 8"H.			
Manhole Guard Integrated Mast 42"		P/N IN-2108	Meets OSHA Regulations
Portable manhole guard with integrated mast that is used in conjunction with a 24 in. davit arm for confined-space fall protection and retrieval. Comes with adjustable feet for simple leveling of system. Unit weight: 29 lbs. 42"H x 38"W x 38"D.			
Large Manhole Guard Integrated Mast 42"		P/N IN-2324	Meets OSHA Regulations
Large portable manhole guard with integrated mast that is used in conjunction with the 24 in. davit arm for confined space fall protection and retrieval. Comes with adjustable feet for simple leveling of system. Unit weight: 44 lbs. 42"H x 52"W x 52"D.			
Multifunctional Barricade 4 Side		P/N IN-2101	
Four-sided multi-functional portable manhole guard allows worker to assemble additional sections to create a safe working area. For use with portable manhole guard IN-2108 or IN-2324. Unit weight: Each removable section is 28 lbs. 42"H x 38"W x 38"D.			
Multifunctional Barricade 1 Side		P/N A2101-07	
Single section multi-functional portable manhole guard allows worker to assemble additional sections as needed to create a safe working area. 42 in. height x 38 in. width x 38 in. deep. For use with portable manhole guard IN-2108 or IN-2324. Unit weight: 7 lbs.			
Kick Plate for Manhole Guard and Barricade		P/N IN-2176	
Kick-plate protector for portable manhole guard to help prevent objects at foot level from entering confined space. 6"H x 37-1/2"L x 1/16"W (thickness). Unit Weight: 4 lbs.			
Stabilizer for Manhole Guard 42"		P/N A2108-18	
Stabilizer for IN-2108 or IN-2324 portable manhole guards. For use with self-retracting lanyards over 50 ft. for increased stability of system. May be used with other winching mechanisms: either material-handling winch or man-handling winch. Unit Weight: 10 lbs.			
Stabilizer with Wheels for Manhole Guard 42"		P/N A2108-20	
Stabilizer for IN-2108 or IN-2324 portable manhole guard with wheels. For use with self-retracting lanyards over 50 ft. for increased stability of system. Wheels allow for ease of movement without dismantling system. Unit Weight: 13 lbs.			
Workman Rescuer		P/N 10158178	Standards: ANSI Z359.14, OSHA
Fast, easy and intuitive fall protection with an integral bi-directional retrieval capability. Stainless steel cable, 50' (16m). Unit Weight: 34 lbs.			
Workman Winch		P/N 10147301	Standards: ANSI Z359.14, OSHA
Maximum work load of 400 lbs for personnel, 620 lbs for materials. Includes integral RFID technology and self-locking swivel 36C snaphook. Stainless steel cable, 65' (20m). Unit Weight: 30 lbs.			
Mounting Bracket (Workman)		P/N IN-2404	Meets OSHA Regulations
Mounting bracket for Workman Rescuer and Workman Winch.			
Dynevac II		P/N 10007782	Standards: CSA Z259.2.2, OSHA
Fast, easy and intuitive fall protection with an integral bi-directional retrieval capability. Stainless steel cable, 50' (16m).			
Mounting Bracket (Dynavac II)		P/N IN-2391	Meets OSHA Regulations
Mounting bracket for Dynevac II			

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MSA XTIRPA Manhole Collar System

Use for confined space vertical entry and fall protection when portable base is needed.

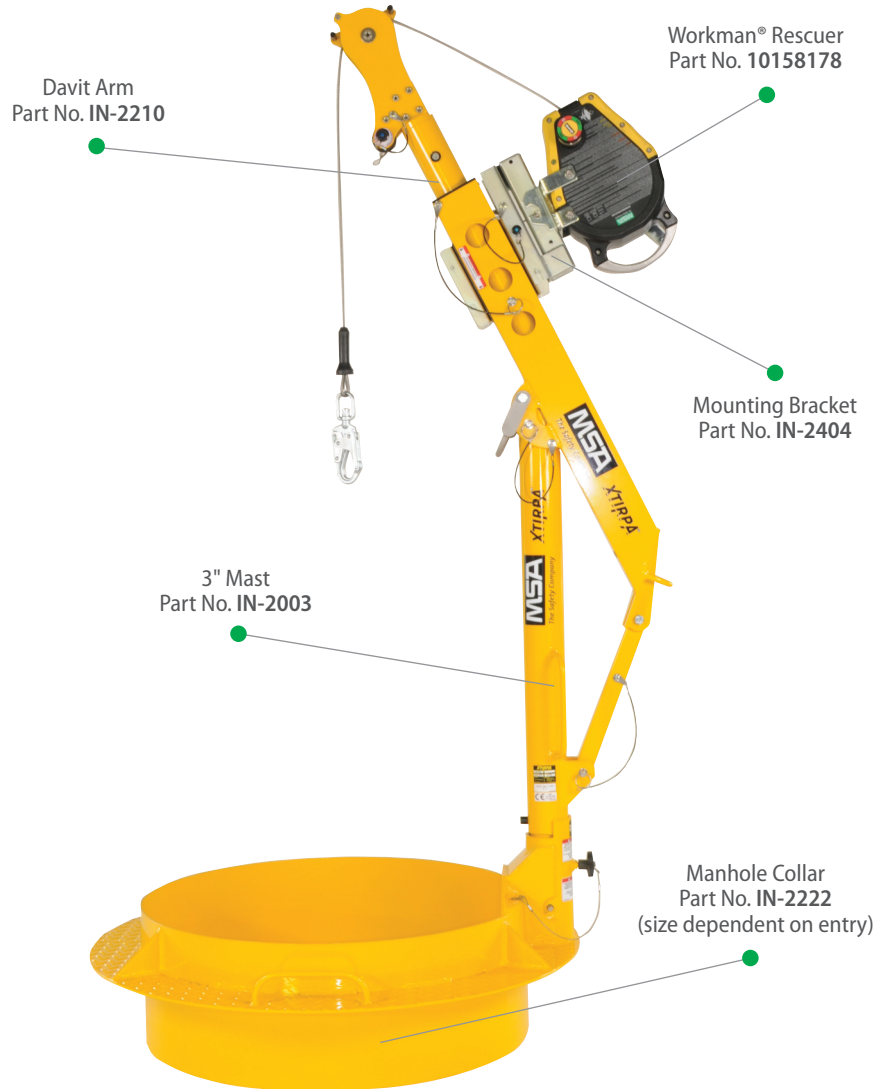
Manhole Collar systems are portable anchorage connectors used for vertical entry into confined spaces. The Manhole Collar provides an adapter base by fitting within a manhole opening. This system is designed for frequent set up of confined space equipment over similarly-sized openings.

Weight Capacity

360 lb (163 kg)
as pictured with
Workman Rescuer

Required System Components

- Davit Arm **IN-2210**
- 3" Mast **IN-2003**
- Manhole Collar (size dependent on entry)
- Rescuer SRL such as **10158178** and corresponding attachment bracket such as **IN-2404**



Ordering Information

Davit Arm 24" Reach



P/N IN-2210

Meets OSHA Regulations
24 in. davit arm with secondary winch adapter for fall protection and retrieval facilitates access to confined spaces. Used in conjunction with 24 in. mast IN-2003 and appropriate base/system or manhole guard. IN-2108 or IN-2324. Equipped with 5,000 lbs. anchor point. Unit weight: 33 lbs. 67"L x 9"W x 8"H.

3" Diameter Mast



P/N IN-2003

Meets OSHA Regulations
Mast for confined space fall protection and retrieval to be used in conjunction with the 24" davit arm IN-2210 and any Xtirpa mast base or system. 45" height. Unit weight 22lb.

Mast Extension (15", 18" or 24")







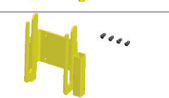




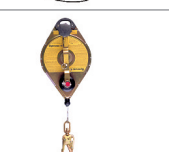



P/N IN-2044 15" Unit weight 20lb.
P/N IN-2109 18" Unit weight 24lb.
P/N IN-2045 24" Unit weight 26lb.

Meets OSHA Regulations

Mast extension is made of painted steel and provides additional height when used with any mast base.

Ordering Information

Mast/Davit Arm <i>(18" or 9" reach)</i>		P/N IN-2295 18" reach P/N IN-2363 9" reach	Meets OSHA Regulations
<p>Low clearance integrated mast and davit arm for use in any of the 24" davit arm adapter bases when a shorter clearance is needed. Low clearance mast and davit arm is 36" tall.</p>			
Manhole Collar <i>(sizes are for diameter)</i>		P/N IN-2287 Fits 16–18" P/N IN-2219 Fits 18–20" P/N IN-2220 Fits 20–22" P/N IN-2221 Fits 22–24" P/N IN-2217 Fits 24–26" P/N IN-2222 Fits 26–28" P/N IN-2218 Fits 28–30" P/N IN-2167 Fits 30–32" P/N IN-2223 Fits 32–34" P/N IN-2224 Fits 34–36"	Meets OSHA Regulations
<p>Provides portable adapter base for confined space system by fitting within manhole opening.</p>			
Manhole Retaining Ring		P/N IN-2010 Retaining Ring used to secure cone shaped safety ring IN-2009 to manhole.	
Cone Shaped Safety Ring		P/N IN-2009 Cone shaped sealing safety ring used in conjunction with retaining ring IN-2010 to prevent liquids from entering confined space.	
Manhole Collar Seat		P/N A2217-10 Seat can be attached to any manhole collar for added comfort when entering or working on a confined space entry point.	
Hand Rail Attachment for Mast		P/N IN-2282 Adaptable hand rail for use with mast IN-2003 to provide easier entrance/exit from confined space. Unit weight 5.5 lb.	
Ladder Adapter for Manhole Collar		P/N A2217-05 Ladder adapter that attaches to any manhole collar and provides a mechanism to secure a ladder. Cannot be used with cone shaped safety ring IN-2009. Product comes with necessary hardware.	
Positioning Seat		P/N IN-2244 Positioning seat allows for comfortable entrance/exit of confined spaces. Seat attaches to winch cable.	
Workman Rescuer		P/N 10158178 Fast, easy and intuitive fall protection with an integral bi-directional retrieval capability. Stainless steel cable, 50' (16m).	Standards: ANSI Z359.14, OSHA
Workman Winch		P/N 10147301 Maximum work load of 400 lbs for personnel, 620 lbs for materials. Includes integral RFID technology and self-locking swivel 36C snaphook. Stainless steel cable, 65' (20m).	Standards: ANSI Z359.14, OSHA
Mounting Bracket (Workman)		P/N IN-2404 Mounting bracket for Workman Rescuer and Workman Winch.	Meets OSHA Regulations
Dynevac II		P/N 10007782 Fast, easy and intuitive fall protection with an integral bi-directional retrieval capability. Stainless steel cable, 50' (16m).	Standards: CSA Z259.2.2, OSHA
Mounting Bracket (Dynevac II)		P/N IN-2391 Mounting bracket for Dynevac II	Meets OSHA Regulations

MSA XTIRPA Pole Hoist System

Use for confined space vertical/horizontal entry and fall protection when portable base is needed.

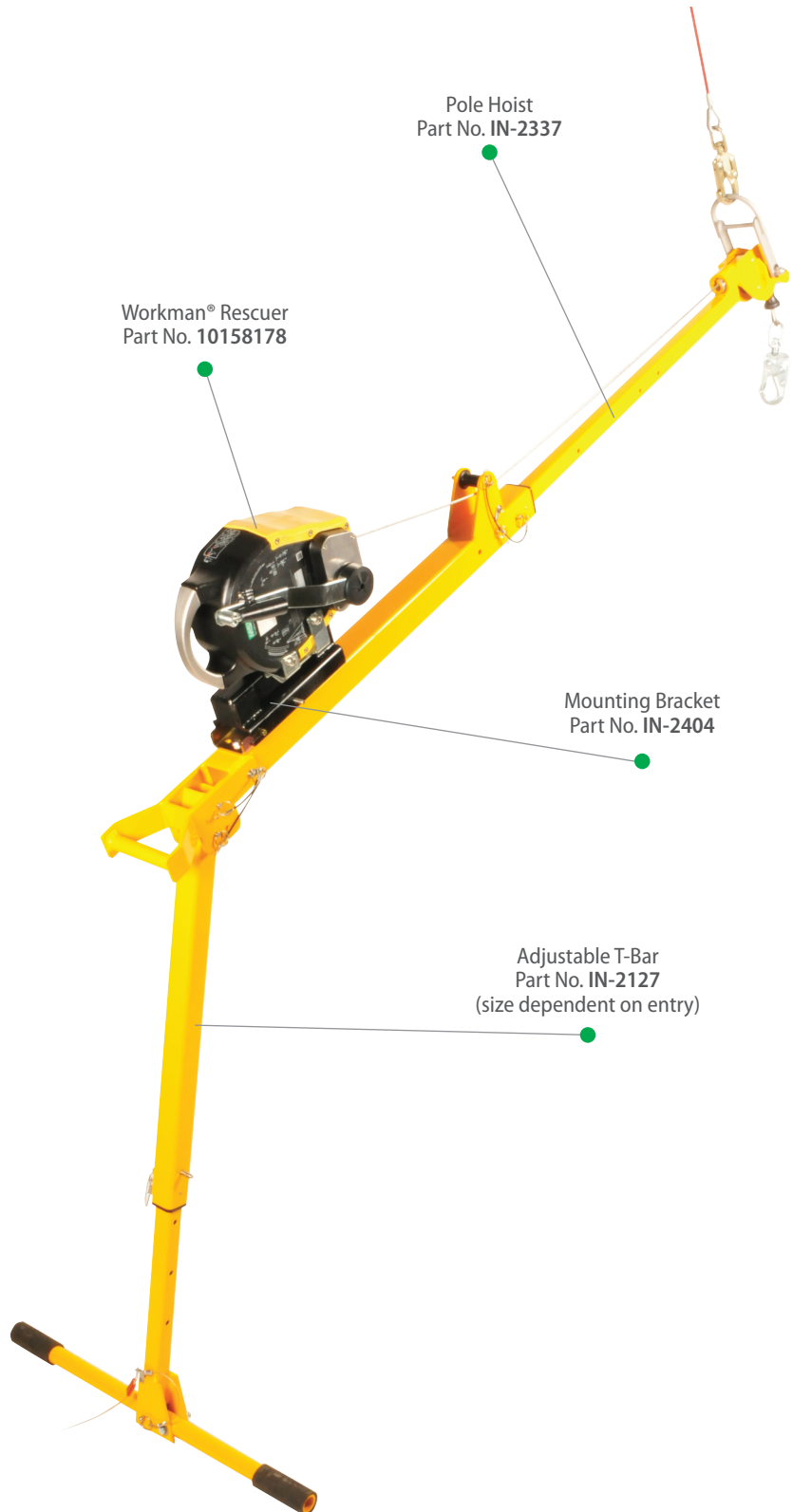
Pole Hoist systems are portable anchorage connectors used for vertical and horizontal entry into confined spaces. When attached to an anchor point, the Pole Hoist provides retrieval and fall protection when limited overhead clearance is present. The Pole Hoist can also be configured for horizontal entry applications such as lifting, lowering, and fall protection.

Weight Capacity








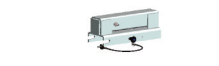


360 lb (163 kg)
as pictured with
Workman Rescuer

Required System Components

- 48"-72" Pole Hoist **IN-2337** or 57"-102" Pole Hoist **IN-2338**
- Adjustable T-Bar (size dependent on entry)
- Anchorage Connector
- Rescuer SRL such as **10158178** and corresponding attachment bracket such as **IN-2404**



Ordering Information

Pole Hoist <i>(48–78" or 57–102")</i>		P/N IN-2337 48–78" P/N IN-2338 57–102" Pole hoist system with swivel head for vertical and horizontal retrieval and fall arrest. Extends with two fixed angles. Use with certified anchor point. Purchase adjustable T-bar leg separately.	Meets OSHA Regulations
Adjustable T-Bar <i>(48", 47–75" or 12–14")</i>		P/N IN-2127 48" P/N IN-2256 47–75" P/N IN-2274 12–14" Adjustable T-bar attaches to adjustable swivel head pole hoist IN-2337 or IN-2338 for base stability of pole hoist system. Extends to specific lengths.	Meets OSHA Regulations
Flange Adapter for Lateral Entry		P/N IN-2242 Anchor point for vertical and horizontal entry with pole hoist system. Can be used on round or square flange that can support 5000lbs as an anchor point. Flange includes a snaphook. Existing studs of the structure needed for attachment.	Meets OSHA Regulations
Universal Ring Adapter		P/N IN-2087 Universal ring adapter for use on ceiling or wall with pole hoist system. Use horizontally or vertically. Bolts not included.	Meets OSHA Regulations
Jib Adapter for Lateral Entry		P/N IN-2241 The jib adapter is positioned outside of confined space entry points to allow lateral entry. The jib adapter is typically used with tanks when walls are too thin for an anchor point. Can be a certified anchor point when anchored at the base. Height adjusts from 88.9" to 109.2".	Meets OSHA Regulations
Workman Rescuer		P/N 10158178 Fast, easy and intuitive fall protection with an integral bi-directional retrieval capability. Stainless steel cable, 50' (16m).	Standards: ANSI Z359.14, OSHA
Workman Winch		P/N 10147301 Maximum work load of 400 lbs for personnel, 620 lbs for materials. Includes integral RFID technology and self-locking swivel 36C snaphook. Stainless steel cable, 65' (20m).	Standards: ANSI Z359.14, OSHA
Mounting Bracket (Workman)		P/N IN-2404 Mounting bracket for Workman Rescuer and Workman Winch.	Meets OSHA Regulations
Dynevac II		P/N 10007782 Fast, easy and intuitive fall protection with an integral bi-directional retrieval capability. Stainless steel cable, 50' (16m).	Standards: CSA Z259.2.2, OSHA
Mounting Bracket (Dynevac II)		P/N IN-2391 Mounting bracket for Dynevac II	Meets OSHA Regulations

Manhole Cover Lifter

Ordering Information

**Ratchet Manhole
Cover Lifter**



P/N IN-2071

Ratchet manhole cover lifter offers an ergonomically safe way to lift lids with less strain. Lightweight and durable. Measures 53" in height. Non-skidding tempered steel pegs, includes medium hook. Three hook sizes available. Unit Weight: 20 lbs.

Square J Hook

P/N P2071-021P

Square J hook used with ratchet manhole cover lifter IN-2071.

Medium Square Hook

P/N P2071-022P

Medium square hook used with ratchet manhole cover lifter IN-2071.

Large J Hook

P/N P2071-023P

Large J hook used with ratchet manhole cover lifter IN-2071.

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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MSA – The Safety Company
1000 Cranberry Woods Drive
Cranberry Township, PA 16066 USA
Phone 724-776-8600
www.MSAsafety.com

U.S. Customer Service Center
Phone 1-800-MSA-2222
Fax 1-800-967-0398

MSA Canada
Phone 1-800-672-2222
Fax 1-800-967-0398

MSA Mexico
Phone 01 800 672 7222
Fax 52 - 44 2227 3943

MSA International
Phone 724-776-8626
Toll Free 1-800-672-7777
Fax 724-741-1553