

HYDRA  SHIELD

PROTECTING AMERICA'S WATER

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2022 PRODUCT CATALOG

Since 1979, Hydra-Shield has been a leader in the hydrant security industry, designing and manufacturing the highest quality fire hydrant locking devices known on the market. Hydra Shield also manufactures many other security products for the water distribution systems that assist you in maintaining system control. At Hydra Shield we have over 35 years of experience in the industry providing our products to municipalities across the United States. We also have a growing recognition in the international markets.

MISSION STATEMENT

Our mission is to design and manufacture products to deter contamination, vandalism, water theft and terrorism of water systems. These issues can put a burden on city services and the taxpayers, costing upwards of millions of dollars a year. The need for hydrant security grows every year as water begins to be more expensive to maintain and manage as populations grow in municipalities. Don't let your city be a victim of rising costs in illegal water usage or criminal mischief. Our customers rely on our products such as the Custodian, Dome Lock, V-Lock, Security Caps and Plug Locks to instill a strong sense of confidence in their water protection. Protect and Preserve our most valuable resource by contacting a Hydra Shield associate today at 1-800-676-0911.



Accessories

"The Custodian"

Custodian Hydrant Locks

<u>STOCKNUMBER</u>	<u>DESCRIPTION</u>		
STD-CUST-NEO	Standard Custodian Lock	EA	Stock
HD-CUST-NEO	Heavy Duty Custodian Lock	EA	Stock



Custodian Hydrant Wrenches

WCH-CUST-STD	Standard NEO Custodian Wrench	EA	Stock
WCH-CUST-HD	Heavy Deputy NEO Custodian Wrench	EA	Stock



Custodian Puller Tool

STD-CUST_PT	Standard Custodian Puller Tool	EA	Stock
HD-CUST-PT	Heavy Deputy Custodian Puller Tool	EA	Stock



Custodian Drill Guide

STD-CUST-DG	Standard Custodian Drill Guide	EA	Stock
HD-CUST-DG	Heavy Duty Custodian Drill Guide	EA	Stock



Custodian Shear Rings

STD-CUST-SR-8K	Standard Custodian Sheer Ring 8K	EA	Stock
HD-CUST-SR-20K	Heavy Duty Custodian Sheet Ring 20K	EA	Stock



Note: All Custodian Items are custom built to order.

Custodian Hydrant Locks will need to confirm, Model and Operating nut size specific. Please make sure you have all information prior to ordering "The Custodian" hydrant Lock. A form is available for measurements and other such needed information from a sale representative.

PLUG LOCKS and WRENCH

Angle Valve Water Meter Plug Locks

STOCK NUMBER	DESCRIPTION		
PL-.75-AV	3/4" Angle Valve Plug Lock	EA	Stock
PL-1.0-AV	1" Angle Valve Plug Lock	EA	Stock
PL-1.25-AV	1.25" Angle Valve Plug Lock	EA	Stock



Curb Stop Gas Meter Plug Locks

STOCK NUMBER	DESCRIPTION		
PL-.75-CS	3/4" Curb Stop Plug Lock	EA	Stock
PL-1.0-CS	1" Curb Stop Plug Lock	EA	Stock
PL-1.25-CS	1.25" Curb Stop Plug Lock	EA	Stock

Plug Lock Wrench

STOCK NUMBER	DESCRIPTION		
PL-KEY-WRENCH	Plug Lock Wrench (Fits all Plug Locks)	EA	Stock



Hydra-Shield Plug Locks are made of 316 Stainless Steel, which makes it very hard to defeat and drill also it is special machined with precision thread. The wrench is made from the same material as the locks. The Plug Locks are designed for use with either an Angle Valve or Curb Stop. The various sizes are listed above.

*Note: All Plug Locks are Stainless Steel machined for continuous reuse with limited wear.

How do to determine the size to be ordered?

Plugs are made in two thread dimensions, pipe thread and meter coupling thread. The type of valve used determines this thread, we use the term angle valve for meter coupling thread and curb stop for pipe thread. Curb stop valves are internally threaded, while angle valves have a coupling nut that attaches to the meter. Both styles of Plug Locks come in 3 sizes, .75", 1.0", and 1.25". In order to determine the correct size and thread, you will need to know the type and size of the valve. For example, a .75" angle valve has a 1" coupling nut and would require a 1" av plug lock, a 1" curb stop with internal threads would require an actual 1" cs plug lock.

HYDRANT DOME LOCK

Dome Lock Assemblies

STOCK NUMBER	DESCRIPTION		
DOME-LOCK-1.0SQ-ASSY	1" Square Dome Lock ASSY	EA	Stock
DOME-LOCK-1.125P-ASSY	1 1/8" Pentagon Dome Lock ASSY	EA	Stock
DOME-LOCK-1.25P-ASSY	1 1/4" Pentagon Dome Lock ASSY	EA	Stock
DOME-LOCK-1.25SQ-ASSY	1.25 Square Dome Lock ASSY	EA	Stock
DOME-LOCK-1.375P-ASSY	1-3/8" pentagon Dome Lock ASSY	EA	Stock
DOME-LOCK-1.5P-ASSY	1 1/2" Pentagon Dome Lock ASSY	EA	Stock



Dome Lock Wrench

STOCK NUMBER	DESCRIPTION		
DOME-WRCH	Dome Lock Wrench	EA	Stock



Installation: A brass center post with a brass insert to fit over the actual hydrant operating nut will attach to the operating nut on the fire hydrant by means of a 1/2" cap bolt. Notice that the insert is tapered to fit one direction into the center post body. The hydrant operating nut must be drilled and tapped to accept the lock center post. Using a 27/64" drill bit, drill the hole 1-1/8" deep, tap with a 1/2"-13 thread tap. Use the center post body/insert as a drill guide to assist in centering the hole. Clean out all metal shavings prior to installing the center post on the operating nut. Tighten the 1/2" cap bolt to secure the center post to the operating nut.

Dome: The dome is 65-45-12 ductile iron, with a powder coating for corrosion prevention and is designed to fit over the brass center post. After placing over the center post, insert the special stainless steel security plug into the side of the dome and tighten with the security wrench. The plug will fit into a groove in the center post, securing it to the center post and allowing the dome to spin freely on the hydrant. If the dome touches the hydrant bonnet and will not spin freely, you will have to install 1-2 washers underneath the center post on top of the hydrant operating nut. This will give the dome lock more clearance and allow it to free spin.

Security Plug and wrench: The special wrench fits the plug which is used to install and remove the dome over the center post part of the lock. This denies access to all except authorized wrench users. In order to gain access to the hydrant op nut, you must take the wrench and loosen the security plug about 2-3 turns. It is not necessary to entirely remove the security plug. You can then remove the dome and use your normal hydrant wrench to attach to the 1.5" op nut and start opening the hydrant. When finished, turn off hydrant, install the dome and tighten the security plug.

Note: Non Stock Items May take up to 6-8 weeks to complete depending on quantity.

CRITICAL VALVE LOCK

V-Lock-Patented

STOCK NUMBER	DESCRIPTION		
V-LOCK-PENTAGON	In Ground Critical Valve Lock	EA	Stock
V-LOCK-SQUARE 2"	Ground Critical Valve Lock	EA	Stock



V-Wrench-Patented

STOCK NUMBER	DESCRIPTION		
V-LOCK-WRENCH	Wrench Adapter For V-Lock	EA	Stock
V-LOCK-WRENCH-POLE-ASSY	V-Lock Wrench and Pole Assy	EA	Stock



Description: The V-Lock wrench was designed to work with our V-Lock device to install and remove the V-lock. The V-Lock wrench assembly also includes a adjustable 4-6' pole that is attached to the wrench head which allows to deeper installations.

Component Material: A356 Aluminum heat treated to T-6 Temper, includes 2 stainless steel pins. Pole material is fiberglass with poly grip handles and adjuster knob.

Applications: Designed to be used with the V-Lock as an installation & removal tool.
Sizes Available: Operates only with the Hydra shield V-Lock device.

Note: Non Stock Items May take up to 6-8 weeks to complete depending on quantity.

Hydrant Security Caps

Hydrant Security Cap-Patented

STOCK NUMBER	DESCRIPTION		
HSC-CAP-2.5NH-ASSY HSC-	2 1/2" NST Cap Assembly	EA	Stock
CAP-4.0NH-ASSY HSC-	4" NST Cap Assembly	EA	Stock
CAP-4.5NH-WH-ASSY HSC-	4.5" NST Cap W/ Weep Hole Assembly	EA	Stock
CAP-4.0-ORANGE-ASSY	Orange 4" Metal Security Cap-Philly ASSY	EA	Stock



Hydrant Security Wrench-Patented

STOCK NUMBER	DESCRIPTION		
HSC-WRCH - with gripper	Hydrant Security Cap Wrench	EA	Stock
HSC-WRCH - without gripper	Hydrant Security Cap Wrench	EA	Stock



Stop vandals and water thieves cold with the remarkable HYDRA-SHIELD® SECURITY CAP ... the ONLY hydrant cap that vandals and thieves can't remove or destroy. The HYDRA-SHIELD® SECURITY CAP is forged from high strength alloy steel, machined, and then heat-treated and quenched to a 58-62 Rockwell "C" hardness. It is virtually impossible to crack or cut and impenetrable to drills. Because there are no opposing faces, no ordinary wrench can grip it. Even if a water thief uses a large pipe wrench, strap wrench or band wrench, only the slip ring will turn.

The only way to remove the HYDRA-SHIELD® SECURITY CAP is with a special patented mating wrench. The same mating wrench fits all cap sizes and is available with a built-in socket for your individual hydrant nut.



Note: Non Stock Items May take up to 6-8 weeks to complete depending on quantity.

Terms & Conditions

January 1, 2022

Warranty: Hydra Shield warrants each new product produced by us to be free from defects in material and workmanship under normal use and service for a period of one (1) year after delivery of product. This warranty is in lieu of all other warranties expressed or implied. We neither assume nor authorize any person to assume for us any liability in connection with the sale of our products.

Special Order/Custom Items: Items produced to special specifications may not be canceled after order has been accepted and manufacturing has been initiated. *Special Order or Custom items will not be available for return, unless item is defective from manufacturing.

Since custodians are manufactured to specific fire hydrant designs, all Custodian orders are final and are not subject to any returns, unless to be determined that they are defective in the manufacturing process.

Payment Terms: Net 30 days from the date of invoice with approved credit, there is a Fifty Dollar (\$50.00) minimum on all orders. Hydra Shield accepts Visa, Master Card, American Express and Discover payments with a 3% processing fee.

Freight: Shipments are F.O.B. Dallas Texas.

Prices: Prices and discounts are subject to change without notice. Prices charged will be the prices in effect at the time of shipping.

Claims: You must report any damaged shipments within forty-eight (48) hours of receipt of goods. Failure to report your claim within forty-eight (48) hours after receipt of goods may forfeit your claim process with Hydra Shield. We reserve the right to deny or process claims after the due time.

Returned Goods: Hydra-Shield must be notified within 30 days of your intent to return a purchased product. Prior to the return of an item, Hydra Shield will issue an RMA (Returned Material Authorization) after a return is approved. Returns are subject to a minimum 30% restocking fee after product has been returned, inspected and deemed resalable. Items which are purchased with a volume discount and returned are subject to review and may generate a recalculation of pricing at the time of return if all items are not returned.

RGA (Returned Goods Authorization): for defective or damaged products has to be approved and an RGA number given before a return is accepted. Once a product is received an evaluation will occur to determine if the damage was a manufacture defect or done in the field due to misuse of the product. If determined to be a manufacture defect Hydra Shield will repair or replace the product and return it. Should the repairs be determined to be field misuse related a quote for the repairs will be given.

We reserve the right to refuse any return unless a RMA or RGA is given and the return protocol is followed.