

PLUG LOCKS SPEC SHEET

HYDRA-SHIELD MANUFACTURING

Plug Lock Overview



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 to fit pipe thread. The wrench is made out of the same material our plug locks are made out of. They are designed for using with Angle Valves or Curb Stop. We have a few various sizes as you can see listed below.

THE PART NUMBERS LISTED ARE NATIONAL STANDARD THREADS ONLY

<u>Part Numbers</u>	<u>Descriptions</u>
PL-.75-AV (or CS)	3/4 " Angle Valve Plug Lock (or CS for Curb Stop style)
PL-1.0-AV (or CS)	1 " Angle Valve Plug Lock (or CS for Curb Stop style)
PL-1.25-AV (or CS)	1 1/4 " Angle Valve Plug Lock (or CS for Curb Stop style)
PL-KEY-WRENCH	Plug Lock Special Key Wrench Installation and Removal Tool

OTHER VARIOUS INFORMATION

Plug Lock	1.	Q.	What is the use of the plug locks?
		A.	These plugs are used in residential water meter valves to secure the valve from customer tampering.
	2.	Q.	How do they work?
		A.	The plugs are installed with a special wrench. The water meter has to be removed before using the plug. The plug screws into the meter valve and deters the customer from illegally using water until the meter is re-installed by the water department.
	3.	Q.	How do we know which size to order?
		A.	the 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. We machine the plugs in 3 sizes, .75", 1.0", and 1.25". In order to determine the correct size and thread, we have 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.
	4.	Q.	Will this plug develop rust while in the valve?
	A.	No, the plugs are machined from 316 stainless steel bar stock. This material also deters any drilling or chiseling of the plug.	
	5.	Q.	How does the wrench fit in the plug, is it magnetic?
	A.	No, there are no magnets used, the wrench has an offset cam that mates to an offset cam machined into the plug.	
	6.	Q.	Does each size of plug require a different wrench?
	A.	No, one wrench fits all sizes.	
	7.	Q.	Do you need to use a gasket with the plug?
	A.	A gasket is not necessary, if one is used; try to use a fiber type gasket.	

Sole Source Contact Info

Hydra-Shield Manufacturing Incorporated
 8701 John Carpenter Frwy, Suite 230
 Dallas, Texas
 Toll Free: 1-800-676-0911
 Fax: 972-594-7826
 Email: Sales@hydra-shield.com