



# VALVES AND ASSEMBLIES

PRODUCT CATALOG



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# Navigating This Catalog

## Pricing & Availability



If you have any questions regarding the pricing and availability of our products, we encourage you to contact our sales department. Our team is always happy to assist with any inquiries you may have, and can provide you with up-to-date information on pricing, lead times, and other relevant details. Please don't hesitate to reach out to us via phone or email to discuss your needs and get the information you need to make informed purchasing decisions.

## Dimensions



Please note that the dimensions provided in our product catalog are approximate and subject to change. If you require exact dimensions for a specific product, we recommend that you contact our engineering department. Our team can provide you with the most current and accurate information on the dimensions of our products, as well as any other technical specifications that you may require. We're here to help you make informed purchasing decisions and find the right products for your needs, so please don't hesitate to contact us with any questions or concerns you may have.

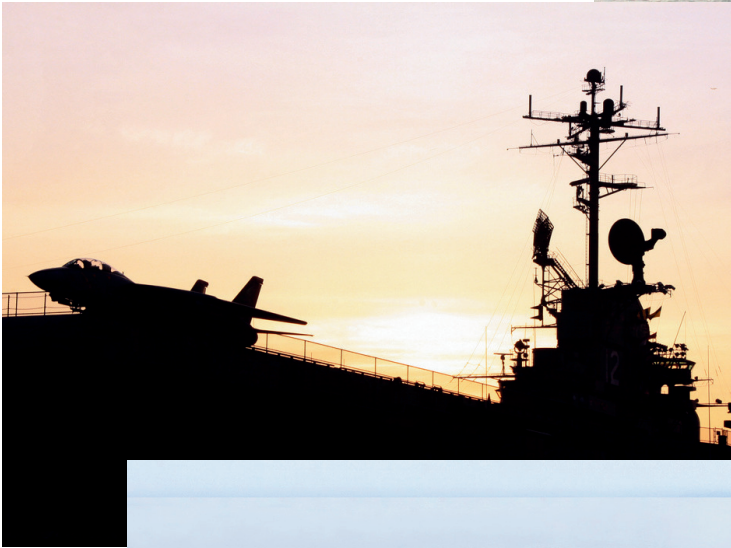
## Accuracy of Information



As a company, we strive to ensure the accuracy of information in our product catalog, and have taken the necessary steps to verify the technical specifications and other details provided. However, we cannot guarantee that the information in our catalog is completely error-free or up-to-date at all times. As such, we cannot be held liable for any inaccuracies or errors in our catalog. We encourage customers to verify any information in our catalog and to contact us if any questions or concerns arise.



# Welcome Message



Welcome to BEC Machine Products, where we specialize in manufacturing top-quality fittings for naval vessels. We take great pride in providing reliable and durable products that meet the high standards of the naval defense industry. Our team of experts is committed to delivering innovative solutions to enhance the efficiency and effectiveness of your naval operations. With years of experience in the industry, we have gained a reputation for excellence and are trusted by naval forces around the world. We look forward to working with you and providing the best possible solutions for your naval needs. Thank you for choosing our company.

# Company Background



For more than 40 years, BEC Machine Products has produced precision machine parts for military systems, water filtration, and numerous commercial industrial applications. We are an internationally known company that takes pride in filling orders for the U.S. Department of Defense and for many private industry customers. Our parts are installed on a series of naval vessels, including submarines, carriers, and surface ships.

Our technical staff has more than 100 years of experience. Therefore, we can manufacture directly to your requirements or design a new product to meet your needs. In addition to our established product line, we have a library of more than 25,000 drawings. Moreover, we ship anywhere in the world and can provide emergency or rush service.

At BEC Machine Products, we average a 4-to-1 quality ratio for machinist to quality personnel. This approach, coupled with the availability for on-site customer joint inspection, assures that our clients' quality needs are maintained.

Our experience, our commitment to excellence, and our outstanding customer service make us the right choice for any business, public or private, large or small.

## Facilities



Manufacturing is performed at our state-of-the-art Harleysville facility that is located 35 miles northwest of Philadelphia. Centrally located in Northeastern United States, we have access to some of the largest inventories of raw material for quick response and service for our customers. Utilizing the latest in CAD/CAM software for both design and manufacturing, assures precision from design to assembly. Shop floor control from purchase to billing is maintained by the most powerful and comprehensive ERP software available today.

BEC Machine Products takes pride in being an American manufacturer that uses American-made software systems and machines to support the men and women who are defending our country around the world.

# Vision & Mission

## Vision

Our vision at BEC Machine Products is to be the leading provider of high-quality valves and fittings for the U.S. Navy. We are committed to delivering the most advanced and reliable products that meet the rigorous standards of the U.S. Navy, ensuring the safety and reliability of their operations at sea. Our team of experts is dedicated to continuous innovation and improvement, leveraging the latest technologies and materials to develop products that exceed our customers' expectations. With a relentless focus on quality, safety, and customer satisfaction, we strive to be the trusted partner of choice for the U.S. Navy and a leader in the industry.

## Mission

At BEC Machine Products, we are committed to providing high-quality valves and fittings for both the U.S. Navy and commercial enterprises. Our mission is to deliver reliable, efficient, and safe products that meet and exceed our customers' expectations, while also ensuring that they comply with all relevant specifications and industry standards.

We understand that our products play a critical role in the safety and effectiveness of our customer's operations, which is why we prioritize excellence in every aspect of our business, from product design and development to manufacturing and customer service. We believe in fostering a culture of continuous improvement, always striving to innovate and optimize our products and processes to better serve our customers.

Above all, we are dedicated to building strong, long-term relationships with our customers based on trust, transparency, and mutual respect. We believe that by working together, we can achieve great things and contribute to the success of our customers and the industries they serve.

# Section 1

## 536 Globe Valves



The U.S. Naval 536 Union-End Globe Valves 400 WOG Casting are globe valves specifically designed for use in naval applications and various industrial settings. These valves have threaded union-end connections for easy installation and removal. The "400 W.O.G." rating indicates that they can handle pressures of up to 400 pounds per square inch (psi) for water, oil, and gas applications. These valves are essential for regulating fluid flow, allowing precise control over the flow rate and direction.

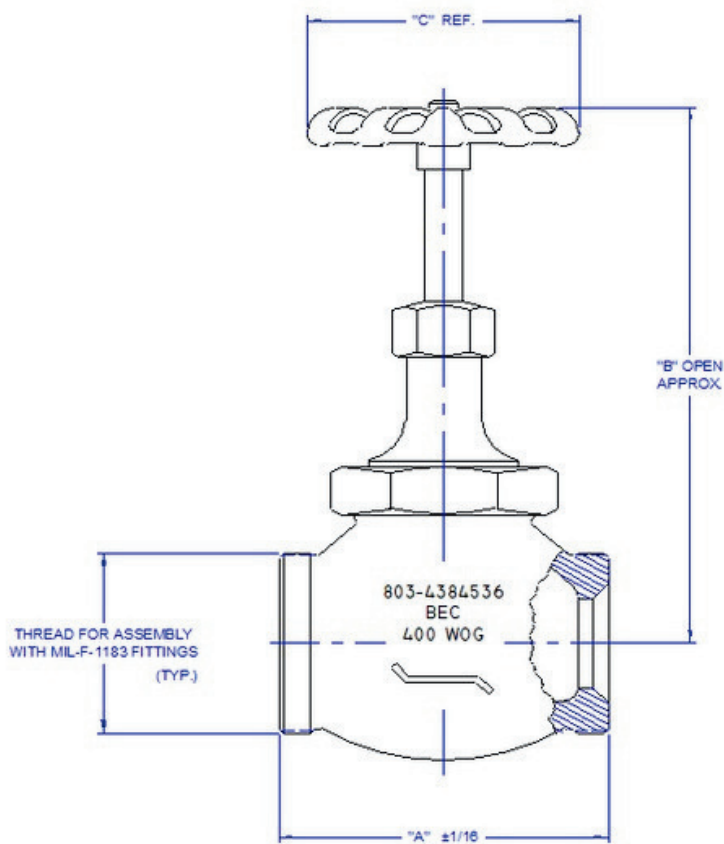




# BEC Parts Reference

## 536 Valves

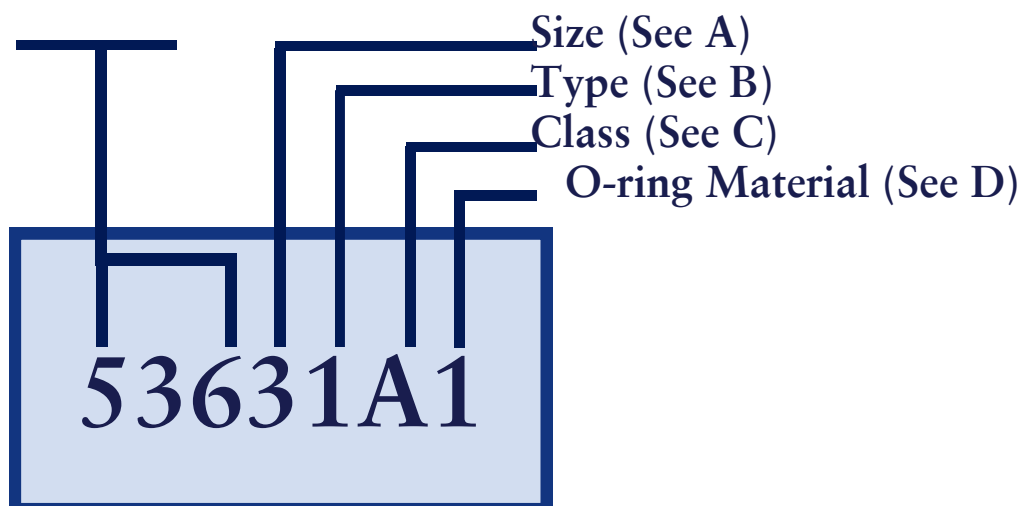
### Ordering Data:



Valve Size	"A"	"B"	"C"
1/4	2-3/4	1-3/16	.39
3/8	3-3/8	1-5/8	.39
1/2	3-9/16	1-23/32	.39
3/4	4-21/32	2"	.52
1"	4-21/32	2"	.52
1-1/4	6-23/32	2-11/16	.52
1-1/2	6-23/32	2-11/16	.52
2"	8-3/8	3"	.64

- A. Size: 1 = 1/4" 5 = 1"  
 2 = 3/8" 6 = 1-1/4"  
 3 = 1/2" 7 = 1-1/2"  
 4 = 3/4" 8 = 2"
- B. Type: 1 = Inline Stop Valve (Staked Disc)  
 2 = Angle Stop Valve  
 3 = Inline Stop-check Valve  
 4 = Angle Stop-check Valve  
 5 = Inline Lift Check  
 6 = Inline Stop Valve (Welded Disc)  
 7 = Angle Stop Valve
- C. Class: A = Hard seat  
 B = Soft seat
- D. O-ring Mat'l: 1 = Nitrile  
 2 = Ethylene Propylene Rubber
- \*Other specialty valves available, consult sales for details

Basic Assy. #



# In-line Stop-Valve Assembly



All valves are standard with a handwheel. Lockshield and key available upon request.

A U.S. Navy in-line stop valve assembly is a vital component on ships and submarines, regulating and stopping fluid or gas flow in pipelines. It ensures safety, enables quick isolation for emergencies or maintenance, and maintains system integrity in marine environments.



TYPE	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
HARD SEAT NITRILE	53611A1	53621A1	53631A1	53641A1	53651A1	53661A1	53671A1	53681A1
SOFT SEAT NITRILE	53611B1	53621B1	53631B1	53641B1	53651B1	53661B1	53671B1	53681B1
HARD SEAT EPR	53611A2	53621A2	53631A2	53641A2	53651A2	53661A2	53671A2	53681A2
SOFT SEAT EPR	53611B2	53621B2	53631B2	53641B2	53651B2	53661B2	53671B2	53681B2

# In-line Stop-Check Valve Assembly



A U.S. Navy in-line stop-check valve assembly controls fluid flow, allowing it to move in one direction while preventing back-flow, ensuring operational reliability and safety in naval systems.



Assembly components can be ordered individually.

TYPE	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
HARD SEAT NITRILE	53612A1	53622A1	53632A1	53642A1	53652A1	53662A1	53672A1	53682A1
SOFT SEAT NITRILE	53612B1	53622B1	53632B1	53642B1	53652B1	53662B1	53672B1	53682B1
HARD SEAT EPR	53612A2	53622A2	53632A2	53642A2	53652A2	53662A2	53672A2	53682A2
SOFT SEAT EPR	53612B2	53622B2	53632B2	53642B2	53652B2	53662B2	53672B2	53682B2

ALL DIMENSIONS ARE IN INCHES AND IN ACCORDANCE WITH THE 803-4384536 DRAWING.

# Angle Stop-Valve Assembly



A U.S. Navy angle stop-valve assembly regulates fluid flow in naval systems, ensuring efficient control in tight spaces.



TYPE	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
HARD SEAT NIRTILE	53613A1	53623A1	53633A1	53643A1	53653A1	53663A1	53673A1	53683A1
SOFT SEAT NITRILE	53613B1	53623B1	53633B1	53643B1	53653B1	53663B1	53673B1	53683B1
HARD SEAT EPR	53613A2	53623A2	53633A2	53643A2	53653A2	53663A2	53673A2	53683A2
SOFT SEAT EPR	53613B2	53623B2	53633B2	53643B2	53653B2	53663B2	53673B2	53683B2

# Angle Stop-Check Valve Assembly

Assembly components can be ordered individually.



A U.S. Navy angle stop-check valve assembly controls fluid flow in one direction while preventing back-flow in naval systems.



TYPE	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
HARD SEAT NITRILE	53614A1	53624A1	53634A1	53644A1	53654A1	53664A1	53674A1	53684A1
SOFT SEAT NITRILE	53614B1	53624B1	53634B1	53644B1	53654B1	53664B1	53674B1	53684B1
HARD SEAT EPR	53614A2	53624A2	53634A2	53644A2	53654A2	53664A2	53674A2	53684A2
SOFT SEAT EPR	53614B2	53624B2	53634B2	53644B2	53654B2	53664B2	53674B2	53684B2

ALL DIMENSIONS ARE IN INCHES AND IN ACCORDANCE WITH THE 803-4384536 DRAWING.

## In-line Lift-Check Assembly



The in-line lift check valve assembly, used in U.S. Navy applications, allows fluid to flow in one direction while automatically preventing back-flow in the opposite direction. It is a crucial component in maintaining the integrity and efficiency of fluid systems on naval vessels.



TYPE	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
HARD SEAT NITRILE	53615A1	53625A1	53635A1	53645A1	53655A1	53665A1	53675A1	53685A1
SOFT SEAT NITRILE	53615B1	53625B1	53635B1	53645B1	53655B1	53665B1	53675B1	53685B1
HARD SEAT EPR	53615A2	53625A2	53635A2	53645A2	53655A2	53665A2	53675A2	53685A2
SOFT SEAT EPR	53615B2	53625B2	53635B2	53645B2	53655B2	53665B2	53675B2	53685B2

## In-line Stop-Valve Assembly



Assembly components can be ordered individually.



The in-line lift check valve assembly, used in U.S. Navy applications, allows fluid to flow in one direction while automatically preventing back-flow in the opposite direction. It is a crucial component in maintaining the integrity and efficiency of fluid systems on naval vessels.



TYPE	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
HARD SEAT NITRILE	53616A1	53626A1	53636A1	53646A1	53656A1	53666A1	53676A1	53686A1
SOFT SEAT NITRILE	53616B1	53626B1	53636B1	53646B1	53656B1	53666B1	53676B1	53686B1
HARD SEAT EPR	53616A2	53626A2	53636A2	53646A2	53656A2	53666A2	53676A2	53686A2
SOFT SEAT EPR	53616B2	53626B2	53636B2	53646B2	53656B2	53666B2	53676B2	53686B2

ALL DIMENSIONS ARE IN INCHES AND IN ACCORDANCE WITH THE 803-4384536 DRAWING.



# Angle Stop-Valve Assembly



The angle stop valve assembly controls and shuts off the fluid flow at a 90-degree angle, which is essential for precise control and quick shut-off in plumbing and fluid systems.



TYPE	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
HARD SEAT NITRILE	53617A1	53627A1	53637A1	53647A1	53657A1	53667A1	53677A1	53687A1
SOFT SEAT NITRILE	53617B1	53627B1	53637B1	53647B1	53657B1	53667B1	53677B1	53687B1
HARD SEAT EPR	53617A2	53627A2	53637A2	53647A2	53657A2	53667A2	53677A2	53687A2
SOFT SEAT EPR	53617B2	53627B2	53637B2	53647B2	53657B2	53667B2	53677B2	53687B2



ALL DIMENSIONS ARE IN INCHES AND IN ACCORDANCE WITH THE 803-4384536 DRAWING.

## Section 2

# 934 Globe Valves

U.S. Naval 934 globe valve assemblies serve a crucial role in naval and maritime applications, enabling precise fluid flow control for various systems. These assemblies feature a spherical body with an internal passageway and a movable disk, allowing for accurate regulation of water, steam, or oil flow. The primary purpose of these globe valve assemblies is to ensure efficient and reliable operation of critical systems on naval vessels, making them indispensable components in shipboard piping systems.

Built with robust materials to withstand harsh maritime environments, U.S. Naval 934 globe valve assemblies offer exceptional durability and resistance to corrosion and wear. They excel in high-pressure and high-temperature conditions, making them well-suited for a wide range of applications on naval vessels, including engine rooms, boiler systems, auxiliary machinery, and fire-fighting systems. With their reliable and versatile design, these globe valve assemblies play a pivotal role in maintaining the safety, efficiency, and operational readiness of naval vessels at sea.

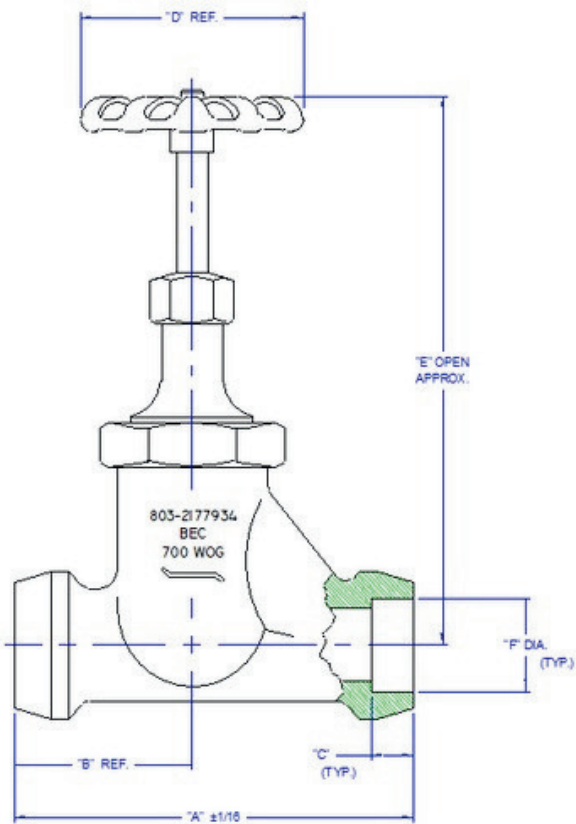
Overall, U.S. Naval 934 globe valve assemblies are essential components that provide precise flow control, reliability, and durability, making them invaluable assets in naval operations and ensuring the smooth and safe functioning of critical systems on board.



# BEC Parts Reference

## 934 Valves

### Ordering Data:



Valve Size	"A"	"B"	"C"	"D"	"E"	"F"
1/4	2-3/4	1-3/16	.39	3"	5-23/32	.545
3/8	3-3/8	1-5/8	.39	3-7/16	6-11/32	.681
1/2	3-9/16	1-23/32	.39	3-7/16	6-11/32	.845
3/4	4-21/32	2"	.52	4-1/4	8-19/32	1.055
1"	4-21/32	2"	.52	4-1/4	8-19/32	1.320
1-1/4	6-23/32	2-11/16	.52	5-1/4	11-13/32	1.665
1-1/2	6-23/32	2-11/16	.52	5-1/4	11-13/32	1.905
2"	8-3/8	3"	.64	6"	13-19/32	2.380

A. Bonnet Mat'l: C = Copper-nickel  
B = Bronze

B. Size :

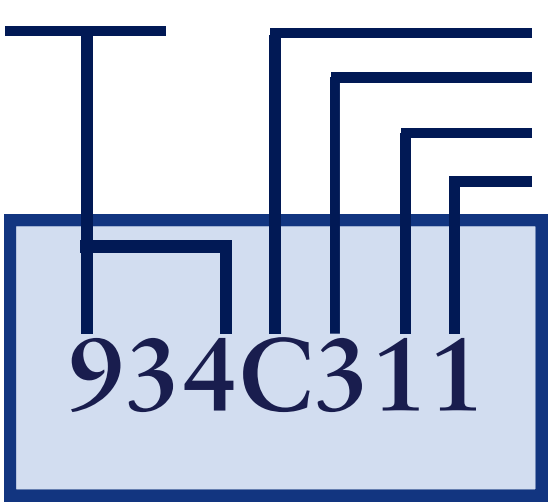
1= 1/4"      5= 1"  
2= 3/8"      6= 1-1/4"  
3= 1/2"      7= 1-1/2"  
4= 3/4"      8= 2"

C. Type: 1 = Inline Stop Valve  
2 = Angle Stop Valve  
3 = Inline Stop-Check Valve  
4 = Angle Stop-Check Valve

D. End Prep: 1 = Socket-Weld Ends  
6 = Sil-Braze Ends

\*Also available in butt-weld end configurations

Basic Assy. #



Bonnet Mat'l (See A)  
Size (See B)  
Type (See C)  
End Prep (See D)

934C311

# Stop-Valve Assembly



Available with handwheel or lockshield and key.

All valves are standard with a handwheel. Lockshield and key available upon request.

A naval inline stop-valve assembly is a vital component on ships and submarines, regulating and stopping fluid or gas flow in pipelines. It ensures safety, enables quick isolation for emergencies or maintenance, and maintains system integrity in marine environments.



TYPE	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
BRONZE BONNET & S.W. ENDS	934B111	934B121	934B131	934B141	934B151	934B161	934B171	934B181
CUNI BONNET & S.W. ENDS	934C111	934C121	934C131	934C141	934C151	934C161	934C171	934C181
BRONZE BONNET & S.B. ENDS	934B116	934B126	934B136	934B146	934B156	934B166	934B176	934B186
CUNI BONNET & S.B. ENDS	934C116	934C126	934C136	934C146	934C156	934C166	934C176	934C186

# Angle Stop-Valve Assembly



Assembly components can be ordered individually.



The angle stop valve assembly controls and shuts off the fluid flow at a 90-degree angle, essential for precise control and quick shut-off in plumbing and fluid systems.



TYPE	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
BRONZE BONNET & S.W. ENDS	934B211	934B221	934B231	934B241	934B251	934B261	934B271	934B281
CUNI BONNET & S.W. ENDS	934C211	934C221	934C231	934C241	934C251	934C261	934C271	934C281
BRONZE BONNET & S.B. ENDS	934B216	934B226	934B236	934B246	934B256	934B266	934B276	934B286
CUNI BONNET & S.B. ENDS	934C216	934C226	934C236	934C246	934C256	934C266	934C276	934C286

ALL DIMENSIONS ARE IN INCHES AND IN ACCORDANCE WITH THE 803-2177934 DRAWING.



# Stop-Check Valve Assembly



The angle stop valve controls and shuts off the fluid flow at a 90-degree angle, essential for precise control and quick shut-off in plumbing and fluid systems.



TYPE	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
BRONZE BONNET & S.W. ENDS	934B311	934B321	934B331	934B341	934B351	934B361	934B371	934B381
CUNI BONNET & S.W. ENDS	934C311	934C321	934C331	934C341	934C351	934C361	934C371	934C381
BRONZE BONNET & S.B. ENDS	934B316	934B326	934B336	934B346	934B356	934B366	934B376	934B386
CUNI BONNET & S.B. ENDS	934C316	934C326	934C336	934C346	934C356	934C366	934C376	934C386

# Angle Stop-Check Valve Assembly



Assembly components can be ordered individually.



The angle stop valve assembly controls and shuts off the fluid flow at a 90-degree angle, essential for precise control and quick shut-off in plumbing and fluid systems.



TYPE	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
BRONZE BONNET & S.W. ENDS	934B411	934B421	934B431	934B441	934B451	934B461	934B471	934B481
CUNI BONNET & S.W. ENDS	934C411	934C421	934C431	934C441	934C451	934C461	934C471	934C481
BRONZE BONNET & S.B. ENDS	934B416	934B426	934B436	934B446	934B456	934B466	934B476	934B486
CUNI BONNET & S.B. ENDS	934C416	934C426	934C436	934C446	934C456	934C466	934C476	934C486

ALL DIMENSIONS ARE IN INCHES AND IN ACCORDANCE WITH THE 803-2177934 DRAWING.

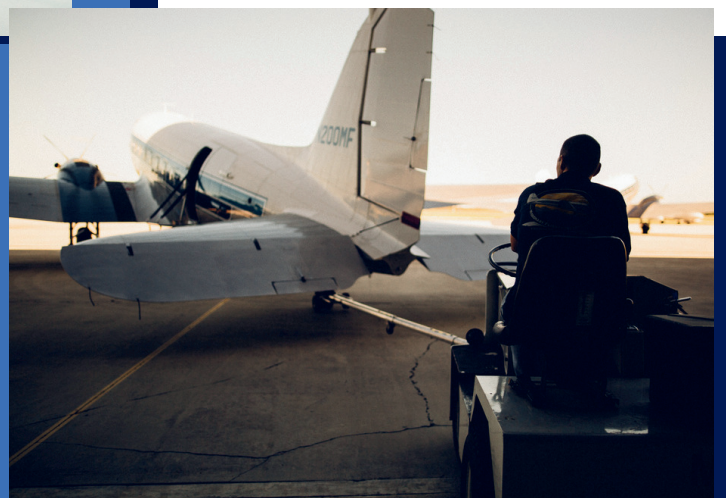
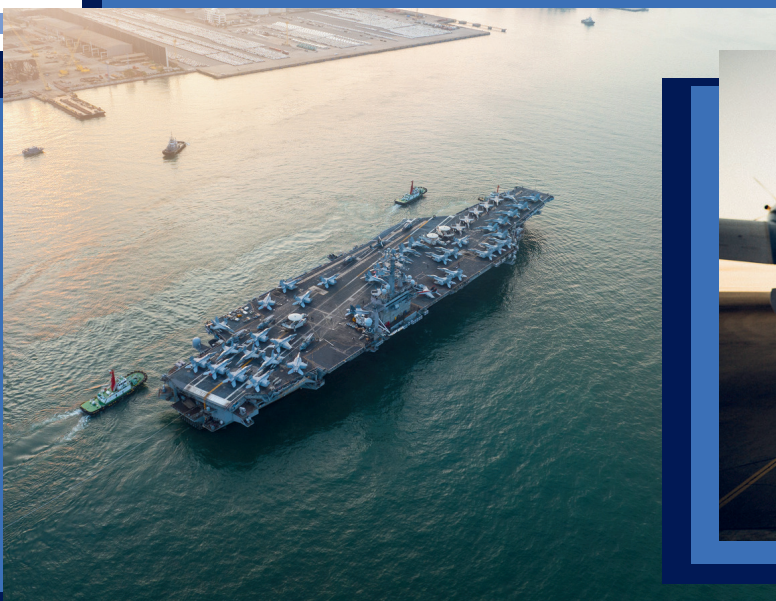
## Section 3

### 789 Deck Drains



The 789 U.S. Navy Deck Drain Valves are designed to ensure efficient drainage and preservation of ship integrity under demanding conditions. Engineered with precision and durability, these valves facilitate swift evacuation of water from the deck, mitigating the risk of flooding and sustaining operational readiness.

Constructed from high-grade materials, they boast rugged durability and corrosion resistance, guaranteeing prolonged service life with minimal maintenance. Their intuitive design allows for seamless integration into diverse deck configurations across naval platforms, enabling versatile functionality tailored to operational requirements. Equipped with precision mechanisms, these valves offer efficient water evacuation, enhancing safety for onboard personnel and equipment while maintaining stability and buoyancy of the vessel. Further, the 789 Deck Drain Valves serve as frontline defense mechanisms, crucial for safeguarding naval assets and ensuring optimal performance in the world's most challenging maritime environments.



# BEC Parts Reference

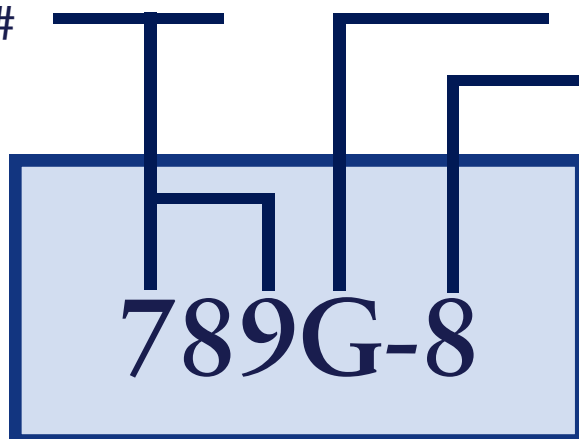
## 789 Deck Drains

### Ordering Data:

- A. Drawing Data: #803-1385789
- B. Type: A- Drain With Valve & Trap  
D- Drain With No Valve But  
With Trap  
G- Grain With Valve & Trap
- C. Size: 2" Deck Drain & Seal



Basic Assembly #  
(See A)



Deck Drain Type (See B)  
Size (See C)



# Section 4

## 1" NPT Globe Valve

PART #	DESCRIPTION
5336065; CPL-965	Globe Valve Assembly

The 1" NPT Globe Valve engineered for the U.S. Navy represents a pinnacle of precision and reliability in naval engineering. Designed to regulate fluid flow within pipelines with a diameter of 1 inch, this valve serves as a vital component in the intricate machinery of naval vessels. Its globe-shaped body, coupled with a threaded NPT (National Pipe Thread) connection, ensures secure and efficient sealing, preventing leakage and maintaining operational integrity in demanding maritime environments.



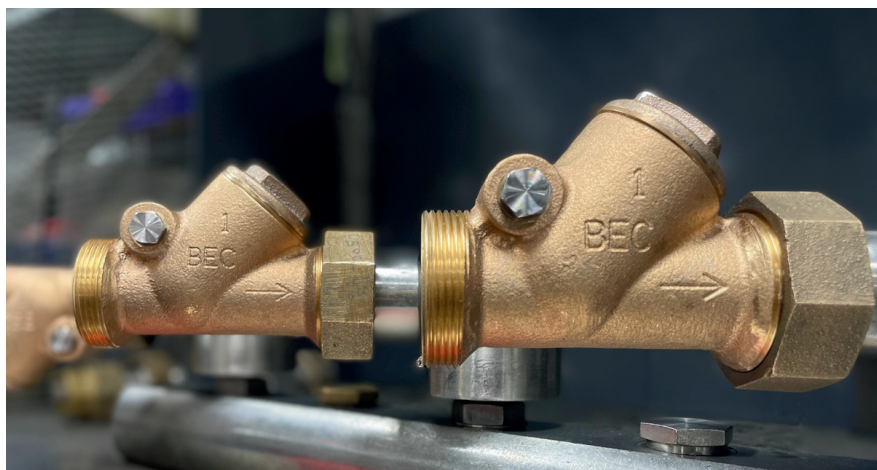
With its precise control mechanism, the 1" NPT Globe Valve enables operators to adjust flow rates with accuracy, contributing to the seamless operation and performance optimization of critical onboard systems. In essence, this valve stands as a testament to the Navy's commitment to excellence, providing indispensable functionality for fluid regulation and system reliability in the most challenging marine conditions.

ALL DIMENSIONS ARE IN INCHES AND IN  
ACCORDANCE WITH THE 53711-5336 DRAWING.



# Section 5

## 721 Swing-Check Valves



A U.S. Navy swing-check valve assembly serves the purpose of controlling the flow of fluid (typically water or other liquids) within a naval system by allowing it to flow in one direction while preventing back-flow in the opposite direction. It consists of a hinged disc (the swing-check) that swings open to permit forward flow when fluid pressure exceeds a certain threshold, and it closes under reverse flow conditions to prevent back-flow, ensuring the integrity and efficiency of various naval systems, including pipelines and machinery.



SIZE	PART #
1/4	721AY-1
1/2	721AY-3
3/4	721AY-4
1	721AY-5
1-1/4	721AY-6
1-1/2	721AY-7
2	721AY-8



Assembly components can be ordered individually.

Assemblies can be made with nitrile or EPR o-rings.

ALL DIMENSIONS ARE IN INCHES AND IN ACCORDANCE WITH THE 803-1385721 DRAWING.

# Section 6



## 499 Y-Strainer Valve Assembly

A U.S. Navy y-strainer valve assembly serves the purpose of filtering and removing solid particles and debris from a fluid (such as water or oil) flowing within naval systems. It is designed in a Y-shaped configuration, with a strainer element inside that traps and collects particles suspended in the fluid. This assembly helps protect downstream equipment, such as pumps, valves, and sensitive machinery, from damage caused by contaminants, ensuring the reliability and performance of naval systems.

Assembly components can be ordered individually.



SIZE	PART #
3/8	499099; CPL-877
1/2	499098; CPL-1458
3/4	499097; CPL-1201
1	499096; CPL-935
1-1/4	499095; CPL-1006
1-1/2	499094; CPL-1019
2	499093; CPL-1572
2-1/2	499092; CPL-997



ALL DIMENSIONS ARE IN INCHES AND IN ACCORDANCE WITH THE 803-841499 DRAWING.

# Section 7



## 057 Drain Strainer Assembly

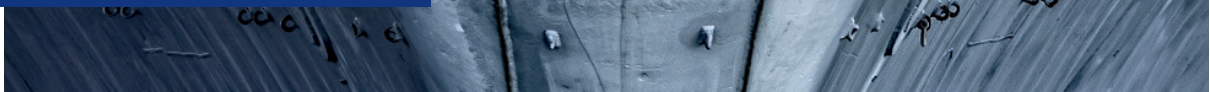


Assembly components can be ordered individually.

SIZE	PART #
1/2	057AY-3
3/4	057AY-4
1	057AY-5

Optional orifice materials include: 316 SS and NICRFE alloy 600

Custom orifice plate size is available upon request.



ALL DIMENSIONS ARE IN INCHES AND IN ACCORDANCE WITH THE 803-5001057 DRAWING.



# Section 8

## 2501 Water-Jet Eductor

Assembly components can be ordered individually.

The U.S. Naval water-jet eductor is a specialized device used in naval and maritime applications to pump and transport water efficiently. It operates based on the principle of fluid dynamics, utilizing the Venturi effect to create a powerful suction force that draws in water and expels it at high velocities. The eductor consists of a nozzle that propels water through a converging section, which accelerates the flow, and a diverging section that decelerates the flow, creating a pressure difference that entrains additional water from the surrounding environment.

The primary purpose of the U.S. Naval water-jet eductor is to serve as an effective water-transfer system, capable of transporting large volumes of water with minimal power consumption. Its design and operation make it ideal for applications such as firefighting, dewatering, and supplying water to various systems and equipment onboard naval vessels. Additionally, water-jet eductors are often utilized in marine salvage operations, emergency response scenarios, and other situations where quick and efficient water movement is crucial. Due to their simplicity, reliability, and versatility, water-jet eductors have become indispensable tools in the naval industry, ensuring effective fluid transfer and aiding in critical operations at sea.



PART #	DESCRIPTION
2501; CPL-739	PORTABLE ALUMINUM JET EDUCTOR

ALL DIMENSIONS ARE IN INCHES AND IN  
ACCORDANCE WITH THE BUSHIPS DWG#5000-S4823-2501 DRAWING.

# Section 9

## Sprinkler Head Assembly



PART #	DESCRIPTION
828G; CPL-1386	SPRINKLER HEAD ASSEMBLY

A U.S. Navy sprinkler head assembly is a critical component of fire suppression systems onboard naval vessels, serving the primary purpose of swiftly and efficiently dispersing water or fire-suppressant agents when triggered by a fire event. These assemblies typically comprise a nozzle, deflector, and, in some cases, a heat-sensitive trigger mechanism.

In the event of a fire, these sprinkler heads activate based on preset temperature thresholds or manual triggers. Once activated, they disperse water or specialized firefighting agents in a controlled and uniform manner over the affected area. This rapid and targeted response is essential for containing and extinguishing fires, protecting the ship, its personnel, and valuable equipment from the potentially devastating effects of onboard fires at sea.



ALL DIMENSIONS ARE IN INCHES AND IN  
ACCORDANCE WITH THE 803-1385828 DRAWING.

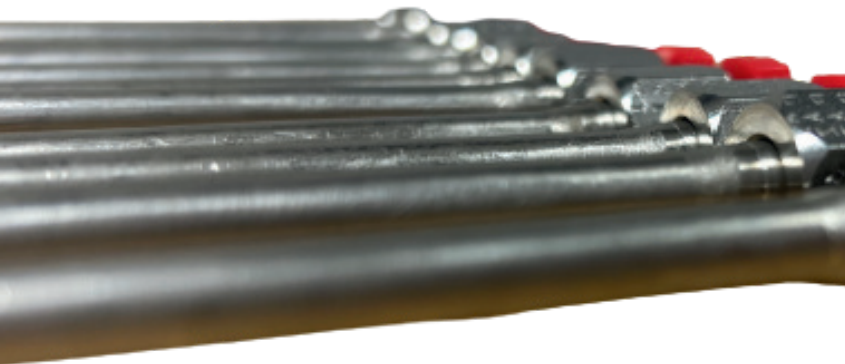


# Section 10

## Halon Tube Assembly

The U.S. naval halon tube assembly is an essential fire suppression technology, designed to safeguard critical assets and personnel aboard naval vessels. Engineered with precision and reliability in mind, this assembly serves as a vital component in a ship's fire suppression system. Through a network of Halon gas-filled tubes, the assembly serves as a protective agent against fire incidents, actively suppressing flames upon detection. Its purpose is clear: to ensure the rapid and effective containment of fires, mitigating potential damage and protecting lives within the confined spaces of naval environments. Further, the U.S. naval halon tube assembly provides unparalleled peace of mind amidst the rigors of maritime operations.

PART #	DESCRIPTION
001613-04; CPL-142	HALON ACTUATION ASSEMBLY



ALL DIMENSIONS ARE IN INCHES AND IN  
ACCORDANCE WITH THE 803-6397405 DRAWING.



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