



Anson manufactures Stainless Steel [High Purity Ball Valves](#), [Processing Cooling Water \(PCW\) Ball Valves](#), [Instrumentation Valves](#), [Tube fittings](#) for various applications for over a decade. Today Anson provides a wide variety of valves & fittings for many industries including [Semiconductor](#), Oil & Gas, and Power Generation. The manufacturing process in the [semiconductor](#) industry demand ball valves of the [high standard](#) possible for [gas](#) or [process cooling water \(PCW\)](#). Quality, cleanliness, [high flow rate](#) provided at low installation cost, [Anson](#) your [reliable](#) source for [High Purity Ball Valves](#), [PCW Ball Valves](#), [pipe & tube fittings](#) and more.

Size Range:

ASTM Tube Size: 1/4" O.D. to 6" O.D.

JIS Sch 5 or Sch 10 Pipe Size: 15A to 300A

NPS Sch 5 or Sch 10 Pipe Size: 1/2" to NPS 12

Wide variety of end connections available

[Female NPT](#) / [Socket Weld](#) / [Pipe](#) / [Tube](#)

[Extension](#) / [Compression End](#) /

[Inlet & Outlet Purge Port](#) optional

Features & Benefits

High flow full port

High cycle life Performance

Floating ball for positive shut-off

[Blowout proof stem](#) adds safety

[3-Piece](#) construction for easy maintenance

[Assembled, tested & packaged in a clean room.](#)

[Helium leak tested](#)

Comply with [ASTM](#) material specifications

[PED Certification](#) available

Testing Procedure: [API 598](#)





Anson offer PCW valves in full port for high flow and oil-free stainless steel for long service life. Our valves utilize 3-piece construction for easy maintenance, while a floating ball allows for positive shut-off. Wide range of sizes and end-connection options make it easier and lower cost for your cooling system.

Our High Purity Ball Valves & PCW Ball Valves are affordable option for running the chemicals needed in semiconductor production processes and our products are engineered for outstanding quality.

Anson offers a full range of PCW valves, 1/4" ~ 6". And a variety of end caps, NPT, Pipe, ANSI 150# Flanges, etc. are available to meet customers' requirements.



We have adjusted our processes to match the needs of the semiconductor industry.

We use the high quality material and industry standards to offer customers nothing but the very best. Please Contact [Anson Flow](#) to learn more.



Anson has been leading manufacturer of [Stainless Steel Tube Fittings](#) & [valves](#) for variety of industries including the [semiconductor](#) industry and other [high purity](#) applications such as pharmaceutical, bio-processing, food and beverage. Anson has been providing Stainless Steel Tube [fittings](#), [reducers](#), [caps](#), and [High Purity Ball Valves](#) that assist our customers meet their [construction schedule or goal](#) for over a [decade](#).

With flexible [manufacturing](#) facilities and extensive [inventory](#), Anson strives to be reliable source serving leading customers in the [semiconductor](#) industry. Each component is traceable to its producing [mill](#) and [heat number](#). Quality inspection certificate according to [EN10204 3.1](#) is furnished with each shipment. Extensive product range available [custom made](#) to customers' design.



Material

[SS304/304L/316/316L](#)

Fittings

[ASTM Tube Sizes O.D. 1/4" ~ 6" \(.25 ~ 150 mm\)](#)

[ASTM Pipe / JIS Pipe Sizes](#)

[Concentric Reducers, Coaxial Fittings, End Caps](#)

ID Surface Finish Options

[Machining, Mill Finish.](#)

[BA, Mechanical Polish, Ra 16 uin](#)

[EP, Electro-Polish, Ra 5 uin](#)





AFlow Anson Instrumentation Ball Valves are for use in the [pharmaceutical](#), [biotech](#), and [semiconductor](#) industries. Valves constructed with low-cost [cast](#) body or [SS316 bar stock](#). [Compression ended](#) designed to be compatible with the leading [instrument fittings](#). A broad selection of valve [body](#), [seat](#), and [seal](#) materials provide a wide range of pressures and temperatures. [Lever](#) handles, [Plastic handles](#) & [Butterfly handles](#) options available. As an [ISO 9001](#) certified company, we are committed to quality and continuous improvement in all that we do.

AFlow Anson is your reliable source for [Instrumentation](#) Ball Valves, [High Purity](#) Ball Valves & [Tube fittings](#). Benefit from our quality. Please visit [Anson](#) website at [www.ansonflow.com](#) or contact our distributors for more information.



Product description

2-pc / 3-pc Ball Valves / 2-Way or 3-Way Diverter

Material in cast or stainless steel 316 bar

Size range: 1/4~3/4" / 6 mm ~ 18 mm

Pressure rating: 1000 psi, 2000 psi, 3000 psi, 6000 psi

Seat material: [PTFE](#), [TFM1600](#), [PEEK](#), [PCTFE](#)

Features

[High flow](#), [tight shutoff](#), [long-life](#) service. [Bi-directional](#) flow. ([Fully open](#) or [fully closed](#))

[On/off](#) service ball valve with [2 way](#) pattern.

[Diverter](#) service ball valve with [3 way](#) pattern

Flexible design with various [end connections](#).

[Panel nut](#) allows fast panel mounting.

[Low operation torque](#) & [high cycle life](#). 100% [functional test](#).

Option for [Helium-leak test](#).

Cleaned for [Oxygen service](#), [Silicon free](#).

