

# PRODUCT OVERVIEW

**ENC**  
FLOW CONTROL



**econ**<sup>®</sup>

**PK**valve

**WESTLOCK**  
CONTROLS





## API 6D Ball Valves

C&C's extensive product portfolio is extremely diverse and can be found in numerous industries in North America. From commodity products to highly engineered products, C&C has provided the market with quality valves and fittings for nearly three decades.

### Trunnion Mounted Ball Valves

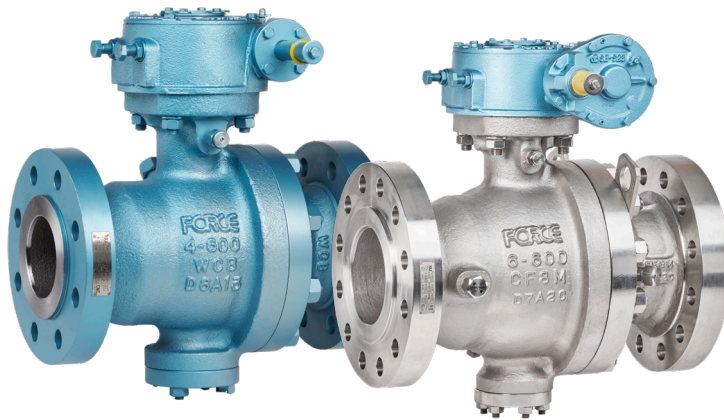
**Our trunnion mounted ball valves** are designed to exceed industry standards by maintaining certifications such as API 6D, API 607, API 641, NACE and CSA Z245.15-17, and offered as highly customizable two piece or three piece bolted body designs. Available materials consist of carbon steel, low temperature carbon steel, stainless steel, and special alloys with available sizes between 2" - 48" and ASME Class 150 to 2500.



Trident Series  
DBB, DIB-1, and DIB-2 seat designs



Atlas Series



Force BTN Series



Force BFC Series (Cryogenic)

### Floating Ball Valves

**Our floating ball valves** are designed to exceed industry standards by maintaining certifications such as API 6D, API 607, API 641, NACE and CSA Z245.15-17, and offered as highly customizable one piece or two piece bolted body designs. Available materials consist of carbon steel, low temperature carbon steel, stainless steel, and special alloys with available sizes between 1/2" - 12" and ASME Class 150 to 1500.



Force BU Series



Force BF Series



# C&C Valves

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## API 6D Check Valves

**C&C API 6D check valves** are designed to exceed industry standards by maintaining certifications such as API 6D, API 6FD, NACE and ASTM B16.34. Available materials consist of carbon steel, low temperature carbon steel, and stainless steel, with available sizes between 2" - 12" and ASME Class 150 to 1500.



CVA Series  
Cast Steel Swing Checks



Guardian Series  
Cast Steel Piston Checks



TWCV Series  
Thin Wafer Checks

## Threaded and Grooved End Valves

**C&C threaded and grooved end valves** consists of multiple configurations of ball and check valves. Available materials consist of carbon steel, low temperature carbon steel, stainless steel, brass, and ductile iron, with available sizes between 1/4" - 6" and pressures ranging from 200 psi to 6,000 psi.

### Swing Check Valves



Stainless Steel



Carbon Steel



Ductile Iron

### Ball Valves

#### 1 Piece Design



#### 2 Piece Design

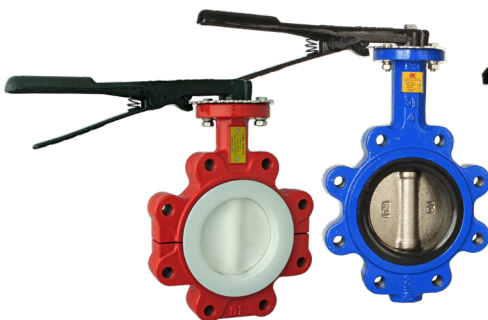


#### 3 Piece Design



## Butterfly Valves

**C&C butterfly valves** are available in carbon steel, stainless steel, and ductile iron, with available sizes between 2" - 24" and pressures ranging from 150 psi to 1,480 psi. Typical applications include irrigation, cooling water, air service, fire protection, HVAC, oil and gas, slurry services, compressed air & gas, and wastewater.



Lug Style



Wafer Style



Grooved End



Threaded End

# Gate, Globe, and Check Valves

## API 600 Cast Steel Valves

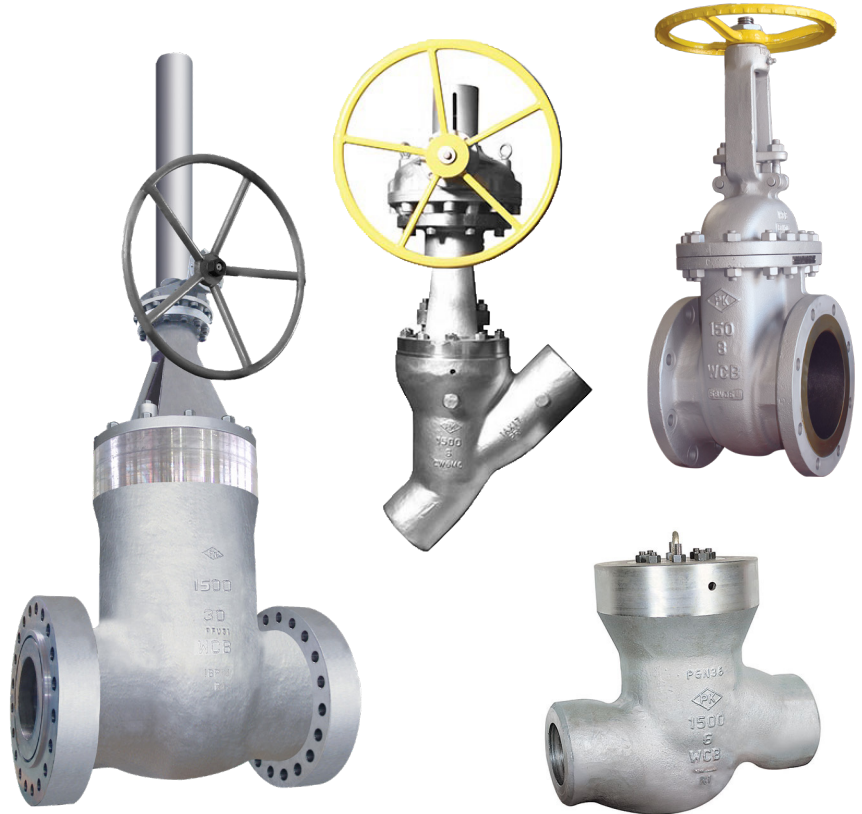
Our cast steel gate, globe, and check valves are designed to API 600, 623, and 594 and are offered as bolted bonnet or pressure seal bonnet designs. Available materials consist of carbon steel, low temperature carbon steel, stainless steel, special alloys, monel, and iniconel with available sizes between 2" - 48" and ASME Class 150 to 4500.



Bolted Bonnet

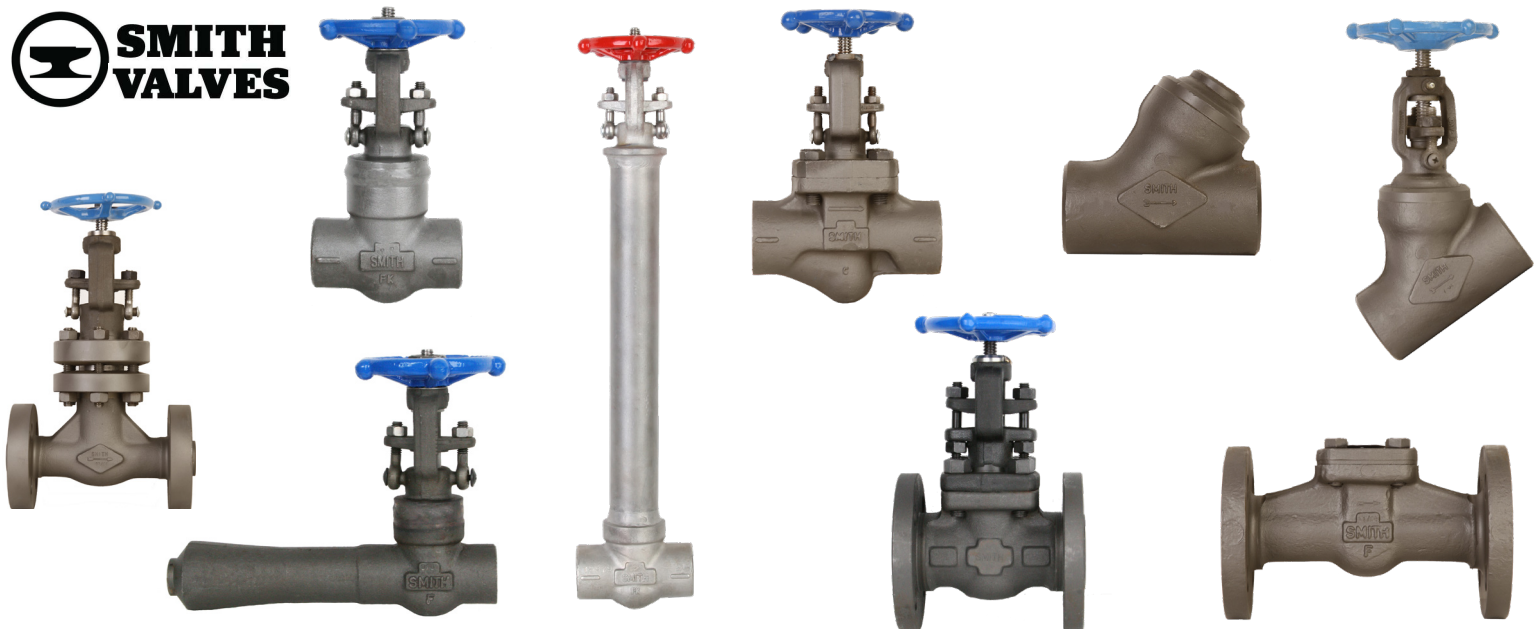


Bolted Bonnet & Pressure Seal Bonnet



## API 602 Forged Steel Valves

SMITH forged steel gate, globe, and check valves are designed to API 602 and are offered in multiple design configurations. Available materials consist of carbon steel, low temperature carbon steel, stainless steel, special alloys, monel, and iniconel with available sizes between 1/4" - 2" and ASME Class 150 to 4500.





# C&C Valves & Fittings

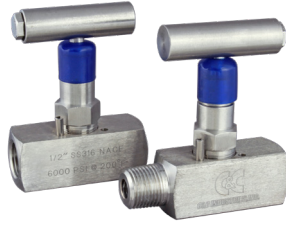
C&C's extensive product portfolio is extremely diverse and can be found in numerous industries in North America. From commodity products to highly engineered products, C&C has provided the market with quality valves and fittings for nearly three decades.

## Instrumentation Valves

**C&C instrumentation valves** are designed to provide precision and reliability for measurement and flow control applications. Available materials consist of carbon steel and stainless steel, with available sizes between 1/8" - 2" and pressures ranging from 1,500 psi to 10,000 psi.



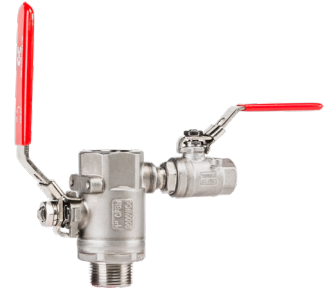
Angle Needle Valves



Needle Valves  
\*Mini needle valves also available



In-Line Check Valves



Isolator Valves

## Brass Valves

**C&C brass valves** consists of multiple configurations of ball valves, check valves, and gate valves. This material is ideal for a variety of media and are highly resistant to corrosion. Available sizes between 3/8" - 4" and pressures ranging from 200 psi to 600 psi.

### Swing Check Valves



O-Ring Style Threaded End  
200 psi

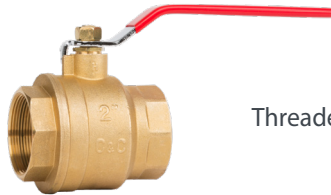


Metal Seated Threaded End  
300 psi



Grooved End

### Ball Valves



Threaded End



Heavy Duty Threaded End

### Gate Valves



Threaded End



Quick-Open Threaded End

## Flowline (Red Iron)

**C&C Flowline (Red Iron)** products are designed to accommodate the well servicing segment of the oil & gas industry. Multiple end connection configurations and sizes are available.



Pup Joints



Swivel Joints



Crossovers



Low Torque Plug Valves



Crosses



Tees



Ells



# C&C General Products

C&C's extensive product portfolio is extremely diverse and can be found in numerous industries in North America. From commodity products to highly engineered products, C&C has provided the market with quality valves and fittings for nearly three decades.

## Hammer Unions

C&C hammer unions are designed as heavy duty flow line connectors. Available sizes between 0.5" - 12" and pressures ranging from 1,000 psi to 15,000 psi. Contact CNC Flow Control for NACE offering.



Figure 100



Figure 110



Figure 200



Figure 201



Figure 26H



Figure 206



Figure 207



Figure 211



Figure 300



Figure 301



Figure 400



Figure 602



Figure 607 (CGC)



Figure 1002



Figure 1003



Figure 1502



Figure 1502 NACE

## Connections & Fittings

C&C connections & fittings consist of many different product types to serve multiple industries. Each product type is available in a wide range of sizes, pressure classes, and materials.



Bull Plugs



Expansion Joints



Flange Adapters



Grooved Coupling Bolt Style



Pipe Nipples



Sleeve Couplings



Swage Nipples



Grooved Coupling Hinged Style

# Actuation



C&C pneumatic actuators are both reliable and affordable. Quick and easy to install, these actuators are compatible with a wide range of our valves, including C&C butterfly and ball valves. All C&C actuators come standard with an ISO 5211 valve mounting pad.



Pneumatic Double Acting Actuator



Pneumatic Spring Return Actuator



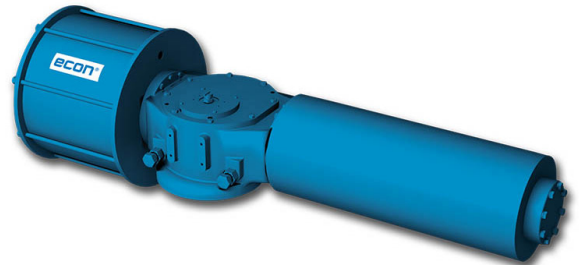
Econ® is a leading provider of actuators designed to exceed today's standards and requirements. Product offerings include rack and pinion aluminum housed actuators which offer reliable and dependable automation for quarter turn valves. Engineered and built to withstand most applications and environmental conditions, the precision design and quality of ECON actuators provide long and safe performance for valve control.



EDA Series Pneumatic Double Acting Actuator



ESR Series Pneumatic Spring Return Actuator



SY Series Scotch Yoke Actuator



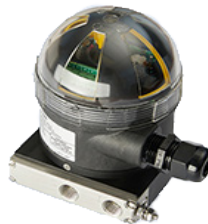
Westlock Controls manufactures a wide range of products for the monitoring and control of process valves. Their products have been developed using the latest technology and are intended to work seamlessly with both on/off and modulating valves and actuators to help improve both performance and safety.



Limit Switches and Sensors



Valve Control Monitors



Sanitary Valve Position & Control Monitors



Positioners



Switch Boxes & Valve Monitors



Valve Network Solutions



Position Transmitters

# About Our Company



CNC Flow Control is headquartered in Houston, Texas with multiple other locations in the U.S. and Canada. Our company unifies several trusted valve and flow line brands that have been serving numerous industries in North America for nearly three decades. From long range projects to same-day delivery, our diverse team is dedicated to understanding customers' needs in order to ensure exceptional service and the best solutions. Our extensive product portfolio ranges from commodity products like hammer unions and needle valves, to highly engineered products like API 6D trunnion mounted ball valves.



Quality assurance is critical to CNC Flow Control's process and we hold multiple internationally recognized quality standards certifications and management system. We are dedicated to understanding our customers' needs to ensure exceptional service by offering an in-house engineering and product management team, an extremely large product portfolio and extensive inventory to support same day shipments.

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