

Alloy 20 Valve Supplier in Australia

Australian valve is the top [Alloy 20 supplier in Australia](#). Molybdenum, copper, and titanium have been added to the austenitic alloy nickel-iron-chromium known as Alloy 20. Particularly in situations with sulfuric acid, it is renowned for its strong corrosion resistance. An Alloy 20 valve is a valve manufactured of this particular material and is utilised in situations where resistance to corrosive chemicals is an issue. Australian valve is the [Alloy 20 Valve Supplier in Australia](#) which provides several types of valves, including:

- Alloy 20 Globe Valve
- Alloy 20 Ball Valve
- Alloy 20 Check Valve
- Alloy 20 Plug Valve
- Alloy 20 Butterfly Valve

Parts of Alloy 20 Valve

1.Body

2.Bonnet

3.Stem

4.Disc

5.Seat

6.Gasket

7.Handle or Actuator

Advantages of Alloy 20 Valve

1. Alloy 20 offers strong sulfuric acid corrosion resistance, making it appropriate for use in chemical processing applications.
2. Strength and durability: The nickel-iron-chromium base of Alloy 20 is strengthened and made more resistant to wear and tear by the addition of molybdenum, copper, and titanium.
- 3.High temperature resistance: Alloy 20 is appropriate for use in high-temperature applications due to its high melting point and strong resilience to high temperatures.
4. Excellent ductility: The ability to endure stress and deform without breaking is a property of alloy 20.
5. Cost-effectiveness: Alloy 20 is reasonably priced when compared to other corrosion-resistant alloys, making it an excellent choice for applications where corrosion resistance is a concern.
6. Broad availability: Alloy 20 is a popular option for industrial applications since it is easily accessible and can be made into a range of items, including valves.

Applications

1. Chemical processing
2. Power generation
3. Oil and gas
4. Marine

Industries which use them:

- Chemical processing Industry
 - Petrochemical Industry
 - Refining Industry
 - Marine Industry
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- Available material: N08020
 - Available size: ½” to 12”
 - Available class: 150 to 2500
 - Nominal Pressure: PN10 to PN450
 - Ends: Flanged, Wafer, Lug, Buttweld, Socketweld, Threaded
 - Operations: Lever Operated, Handwheel, Electric Actuated and Pneumatic Actuated.

Visit our website- <https://www.australianvalve.com/product-category/alloy-20-valves/>