

## Condensed Valve Guide

- Gate
- Globe
- Check
- Ball
- Strainers



# Single Source Responsibility

With more than 35 years experiences in the manufacturing of Tubes, Pipes and Piping Components, TPS-Technitube offers the complete Package of Tubes, Pipes, Fittings, Flanges, Piping Accessories and Industrial Valves. Many Items are tailor-made acc. to the specifications and requirements of clients.

Qualified and reliable Valve Manufacturing assures Materials and Products of highest Quality in complete compliance with the required applicable Standards or customer specification for the entire Temperature and Pressure Range.

All of our Valves are produced by ourselves and/or international well-known and ISO certified Manufacturers, which are mainly located in Europe, USA and Japan. With all of our Partners (not only for Valves) we have been maintaining exclusive partnerships in technology and distribution.

The highest quality and variety of materials used (Carbon Steel, Stainless Steel, Alloy Steel, Duplex, Monel, Titanium, etc.) can satisfy all the requirements of the Oil and Gas, Off-Shore, On-Shore, Shipbuilding, Chemical, Petrochemical, Power and Water Industries.

Of course we can also serve commissioning of Valves with Actuators and other accessories in our own Workshop or in the Workshop of our Partners.

In order to prove our experience, we herewith kindly invite you to approach us for our detailed Reference List.



# Our Scope of supply

- Pipes (seamless and welded)
- Heat Exchanger Tubes
- Elbows
- Reducers
- Tees
- Flanges
- Bends
- Special items as per drawing
- Valves and Actuators
- Any other Piping Accessories
- OCTG Products

as per ISO EN DIN / ASTM / ASME / ANSI / MSS  
API / BS / NORSOK / NACE / GOST  
in all material grades.

## Engineering

We are not only able to supply material, but also offer Design Engineering, e.g. for Slug Catcher, Pig Launcher/Receiver, Flare Stacks, Gas Metering Stations, etc. in cooperation with our partners.





# Oil & Gas Pipelines, Platforms

## Cast Steel Gate Valves



Sizes: 2" - 72"  
 Pressure: Cl. 150- Cl. 2500  
 Materials: Carbon & Alloy Steels  
 Stainless & Duplex Steels  
 Ends: Flanged, Butt weld  
 Options: Handwheel, Gear or Motor operated.  
 Bolted or Pressure Seal Bonnet.  
 Bellow Seal,  
 Cryogenic Service

## Cast Steel Globe Valves



Sizes: 2" - 12"  
 Pressure: Cl. 150 - Cl. 2500  
 Materials: Carbon and Alloy Steels,  
 Stainless & Duplex Steels  
 Ends: Flanged, Butt weld  
 Options: Handwheel, Gear or Motor operated.  
 Straight & Angle Type  
 Bellow Seal, Cryogenic Service

## Cast Steel Swing Check Valves



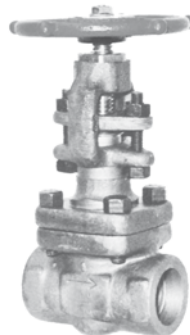
Sizes: 2" - 36"  
 Pressure: Cl. 150 - Cl. 2500  
 Materials: Carbon & Alloy Steels,  
 Stainless & Duplex Steels  
 Ends: Flanged, Butt weld  
 Options: Bolted or Pressure Seal Bonnet, Outside Lever & Weight, Hydraulic Brake

## Forged Steel Gate Valves



Sizes: 1/4" - 2"  
 Pressure: Cl. 800 - Cl. 4500  
 Materials: Carbon & Alloy Steels  
 Stainless & Duplex Steels  
 Ends: NPT, Socket, Butt weld,  
 Flanged  
 Options: Bolted Bonnet, Welded Bonnet, Bellow Seal,  
 Cryogenic Service, Handwheel,  
 Gear or Motor operated

## Forged Steel Globe Valves



Sizes: 1/4" - 2"  
 Pressure: Cl. 800 - Cl. 4500  
 Materials: Carbon & Alloy Steels,  
 Stainless & Duplex Steels  
 Ends: NPT, Socket, Butt weld,  
 Flanged  
 Options: Bolted Bonnet, Welded Bonnet, Bellow Seal,  
 Cryogenic Service, Handwheel,  
 Gear or Motor operated

## Forged Steel Check Valves



Sizes: 1/4" - 3"  
 Pressure: Cl. 800 - Cl. 4500  
 Materials: Carbon & Alloy Steels,  
 Stainless & Duplex Steels  
 Ends: NPT, Socket, Butt weld,  
 Flanged  
 Options: Bolted Cover, Welded Cover, Pressure Seal Type, Straight & Y-Pattern

# Chemical & Petrochemical Plants

## Wafer Check Valves



Sizes: 1 1/2" - 42"  
 Pressure: ANSI Cl. 150 - Cl. 2500,  
 API 2000 - 5000  
 Materials: Carbon & Alloy Steels,  
 Stainless Steels,  
 Al-Bronze, Monel  
 Ends: Wafer, Lug, Flanged,  
 Butt-weld, Clamped  
 Options: Soft Seats, Metal Seats

## Y-Type Pattern Globe Valves



Sizes: 1/4" - 12"  
 Pressure: Cl. 150 - Cl. 4500  
 Materials: Carbon, Alloy &  
 Stainless Steels  
 Ends: NPT, Socket, Butt-weld,  
 Flanged  
 Options: Bolted Bonnet, Welded  
 Bonnet, Pressure Sealed  
 Bonnet, Handwheel, Gear  
 or Motor operated

## Knife Gate Valves

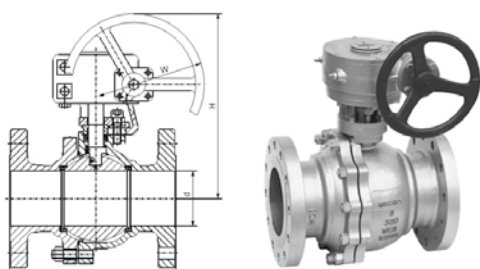


Sizes: 2" - 36"  
 Pressure: Cl. 150 - Cl. 300  
 Materials: Iron, Cast Steel,  
 Stainless Steel  
 Ends: Wafer, Lug Type, Flanged  
 Options: Handwheel, Gear or  
 Motor operated



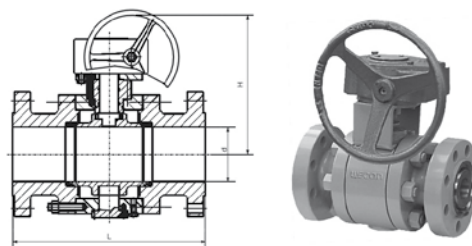
Partner of the industry

## Ball Valves - Floating Ball Type



Sizes & Class: 1/4" - 2" Cl. 800 - Cl. 2500  
 Materials: Carbon & Alloy Steels, Plastic,  
 Stainless & Duplex Steels  
 Ends: NPT, Socket, Butt-weld, Flanged  
 Sizes & Class: 2" - 10" Cl. 150 - Cl. 300  
 Materials: Carbon & Alloy Steels,  
 Stainless & Duplex Steels  
 Ends: Flanged & Butt-weld  
 Options: Lever, Gear, Pneumatic, Electric Actuator

## Ball Valves - Trunnion Mounted Type



Size: 1 1/2" - 60"  
 Pressure: ANSI Cl. 150 - 2500  
 API 3000 to 10.000  
 Materials: Carbon & Alloy Steels, Stainless &  
 Duplex Steels  
 Construction: Side Entry, Top Entry, Fully Welded  
 Ends: Flanged & Butt-weld  
 Options: Lever, Gear, Pneumatic, Electric,  
 Hydraulic or Gas-over-Oil Actuator,  
 Locking Devices, Selection of Seats/  
 Inserts and Seals, Double B&B,  
 Sour Service, Sub-Sea Service

## Through Conduit Gate Valves



Sizes: 1 1/2" - 48"  
 Pressures: Cl. 150 - Cl. 2500  
 Materials: Carbon & Alloy Steel  
 Ends: Flanged, Butt weld  
 Options: Handwheel, Gear or Motor operated

# Liquid Gas Installations, Refineries

## Diaphragm Valves



Size & Type: 1/2" - 14", Weir Type  
 1/2" - 12", Straight-Through Type  
 Pressure: Cl. 125 - Cl. 150  
 Materials: Cast Iron, Carbon & Stainless Steel, Plastic  
 Ends: NPT, Socket, Butt weld, Flanged  
 Options: Handwheel, Gear, Pneumatic, Electric Acuator, Body Lining in Rubber, Plastic, Glass

## Lubricated & Non-Lubricated Plug Valves



Sizes: 1/2" - 30"  
 Pressure: Cl. 150 - Cl. 2500  
 Materials: Carbon, Stainless & Duplex Steels  
 Ends: NPT, Socket, Butt weld, Flanged  
 Options: Lever, Handwheel, Gear, Motor operated  
 2-way, 3-way, 4-way, L- or T-Port, PTFE Sleeved, PTFE Lined

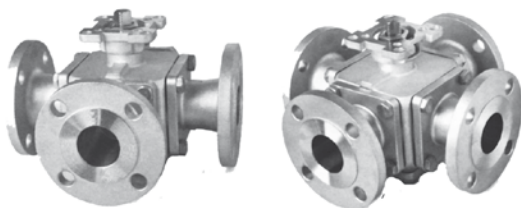
# TECHNITUBE®

## WERKWERKE GMBH

### Valves for Piping Packages

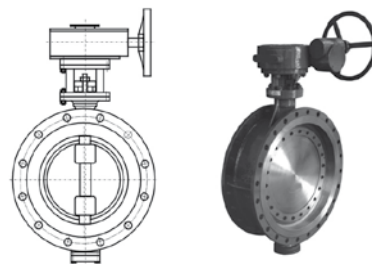


## Three & Four Way Ball Valves



Sizes & Ends: 1/4" - 2" NPT, Socket, Butt weld  
 1/2" - 16" Flanged, Butt weld  
 Pressures: Cl. 150 - Cl. 1500  
 Materials: Carbon & Alloy Steels  
 Stainless & Duplex Steels  
 Options: L-Port, T-Port, Side or Top Entry

## Butterfly Valves



Size: 1 1/2" - 42"  
 Pressure: Cl. 150 - Cl. 300  
 Materials: Iron, Carbon & Stainless Steels, Aluminium Bronze  
 Ends: Wafer, Lug, Flanged  
 Options: Seat Liners in EPDM, BUNA-N, HYPALON, PTFE, FKM, METAL  
 Operator: Lever, Gear, Pneumatic, Electric or Hydraulic

# Pulp & Paper, Mining

## Needle Valves & Manifolds



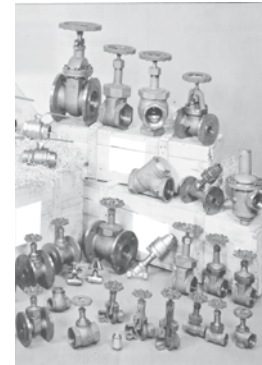
Sizes: 1/8" - 1"  
 Pressure: Cl. 3000 - Cl. 10.000  
 Materials: Carbon, Alloy, Stainless & Duplex Steels, Bronze, Monel  
 Ends: NPT (Male/Female) or Compression ends  
 Options: Multi-Port, Multi-Valve Manifolds & Blocks

## Safety Relief Valves



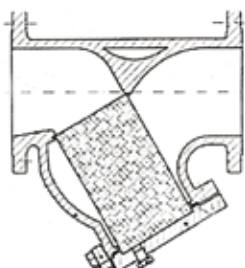
Sizes: 1/2" x 3/4" - 16" x 20"  
 Pressure: Cl. 150 - Cl. 2.500  
 Materials: Iron, Carbon & Stainless Steel  
 Ends: NPT, Flanged  
 Options: Open or Closed Bonnet, Gastight, Lifting Device

## Bronze & Brass Valves



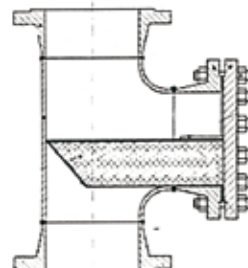
Sizes: 1/4" - 4"  
 Pressure: Cl. 125 - Cl. 300  
 Ends: NPT, Flanged  
 Options: Gate Valve, Globe Valve, Plug Valve, Piston or Swing Type Check Valve, Ball Valve

## Y-Type Strainers



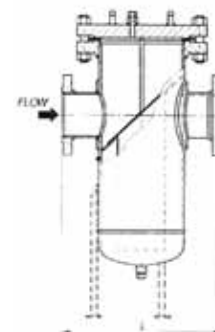
Sizes: 3/8" - 24"  
 Pressure: Cl. 150 - Cl. 1500  
 Materials: Carbon, Alloy & Stainless Steel  
 Ends: NPT, Socket, Butt weld, Flanged  
 Options: Screen Material & Perforations, Temporary Strainers

## Tee Strainers



Sizes: 2" - 24"  
 Pressures: Cl. 150 - Cl. 900  
 Materials: Carbon, Alloy, Stainless & Duplex Steels  
 Ends: Flanged & Butt weld  
 Options: Screen Material & Perforations

## Bucket Strainers



Sizes: 1 1/2" - 24"  
 Pressure: Cl. 150 - Cl. 600  
 Materials: Carbon, Alloy & Stainless Steels  
 Ends: Flanged, Butt weld  
 Options: Custom manufactured for required medium, pressure and temperature



# Use our experience for your advantage

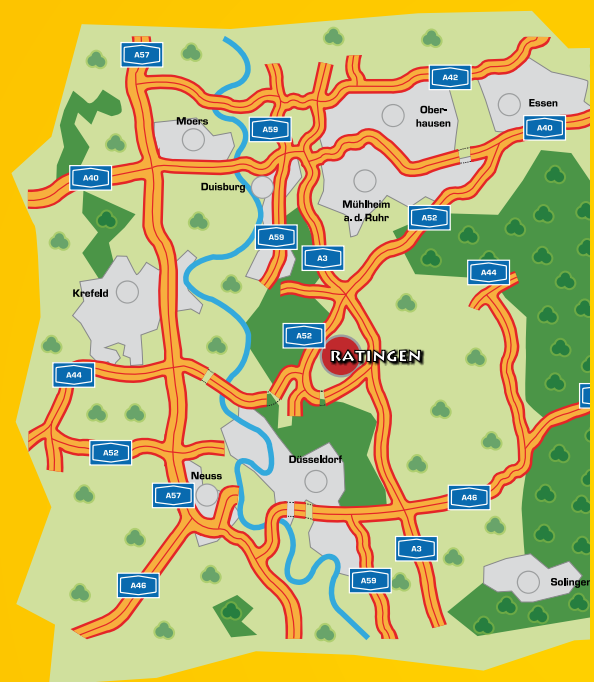
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