



# Kains



Needle Valve

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**Type**

Screwed End

**Features**

- \* Different Material for different process fluids like M S / S S 304 / S S 316/ S S 316L / Monel / Hastelloy / Titanium / Tantalum
- \* 100% Factory tested
- \* Nitrogen pressure test at 70 kg
- \* Clean water test at claimed pressure
- \* Mounting: In line
- \* Rugged heavy duty construction
- \* Available in F X F / M X F / M X M
- \* Standard NPT / BSP Threads

**Optional**

Other standard threads  
Customer specification



In line Needle valves



Block and Bleed valve

**Type**

Screwed End

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**Optional**

Other standard threads  
Customer specification

## Type

Screwed End

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- \* 100% Factory tested
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- \* Clean water test at claimed pressure
- \* Mounting: In line
- \* Rugged heavy duty construction
- \* Available in F X F / M X F / M X M
- \* Standard NPT / BSP Threads

## Optional

Other standard threads  
Customer specification



Multi port valve



## Type

Screwed End

## Features

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- \* Nitrogen pressure test at 70 kg
- \* Clean water test at claimed pressure
- \* Mounting: In line
- \* Rugged heavy duty construction
- \* Available in F X F / M X F / M X M
- \* Standard NPT / BSP Threads

## Optional

Other standard threads  
Customer specification

Multi port block and bleed valve

**Type**  
Screwed End

**Features**

- \* Different Material for different process fluids like M S / S S 304 / S S 316/ S S 316L / Monel / Hastelloy / Titanium / Tantalum
- \* 100% Factory tested
- \* Nitrogen pressure test at 70 kg
- \* Clean water test at claimed pressure
- \* Mounting: In line
- \* Rugged heavy duty construction
- \* Available in F X F / M X F / M X M
- \* Standard NPT / BSP Threads

**Optional**  
Other standard threads



Panel Mounting Needle valves



Bracket Mounting Needle valve

**Type**  
Screwed End

**Features**

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- \* 100% Factory tested
- \* Nitrogen pressure test at 70 kg
- \* Clean water test at claimed pressure
- \* Mounting: In line
- \* Rugged heavy duty construction
- \* Available in F X F / M X F / M X M
- \* Standard NPT / BSP Threads

**Optional**  
Other standard threads  
Customer specification

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## Type

Instrumentation

## Features

- \* Different Material for different process fluids like M S / S S 304 / S S 316/ S S 316L / Monel / Hastelloy / Titanium / Tantalum
- \* 100% Factory tested
- \* Nitrogen pressure test at 70 kg
- \* Clean water test at claimed pressure
- \* Mounting: In line
- \* Rugged heavy duty construction
- \* Available for Pipe and Metric tube OD's

## Optional

Customer specification



ODT Needle Valve



Angle type

## Type

Angle

## Features

- \* Different Material for different process fluids like M S / S S 304 / S S 316/ S S 316L / Monel / Hastelloy / Titanium / Tantalum
- \* 100% Factory tested
- \* Nitrogen pressure test at 70 kg
- \* Clean water test at claimed pressure
- \* Mounting: In line
- \* Rugged heavy duty construction
- \* Available in F X F / M X F / M X M / Pipe OD / Metric Tube OD
- \* Standard NPT / BSP Threads

## Optional

Other standard threads  
Customer specification

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**Type**

Socket weld / butt weld

**Features**

- \* Different Material for different process fluids like M S / S S 304 / S S 316/ S S 316L / Monel / Hastelloy / Titanium / Tantalum
- \* 100% Factory tested
- \* Nitrogen pressure test at 70 kg
- \* Clean water test at claimed pressure
- \* Mounting: In line
- \* Rugged heavy duty construction

**Optional**

Customer specification



Welded type needle valve



T C end Needle Valve

**Type**

TC End needle Valve

**Features**

- \* Different Material for different process fluids like S S 304 / S S 316/ S S 316L / Monel / Hastelloy / Titanium / Tantalum
- \* 100% Factory tested
- \* Clean water test at claimed pressure
- \* Mounting: In line
- \* Available in all standard T C Flanges
- \* Available with I / K series Bonnet

**Optional**

Customer specification

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**Features**

- \* Different Material for different process fluids like M S / S S 304 / S S 316/ S S 316L / Monel / Hastelloy / Titanium / Tantalum
- \* 100% Factory tested
- \* Teflon seal for 232 Deg. Celsius
- \* Grafoil seal for 371 Deg. Celsius
- \* Non rotating / rotating Tip



Valve Bonnet K series

**Features**

- \* Different Material for different process fluids like M S / S S 304 / S S 316/ S S 316L / Monel / Hastelloy / Titanium / Tantalum
- \* 100% Factory tested
- \* Viton seal for 120 Deg. Celsius
- \* Non rotating / rotating Tip



Valve Bonnet I series

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## Type

I series - threaded end

## Features

- \* Low cost design
- \* Different Material for different process fluids like M S / S S 304 / S S 316/ S S 316L / Monel / Hastelloy / Titanium / Tantalum
- \* 100% Factory tested
- \* Nitrogen pressure test at 70 kg
- \* Clean water test at claimed pressure
- \* Mounting: In line
- \* Compact design for low cost
- \* Available in F X F / M X F / M X M
- \* Available only with I series Bonnet
- \* Standard NPT / BSP Threads



Needle Valve i Series



## Some Major Sectors that **Kains** Serves



Beverages



Pharmaceutical



Ship Building



Chemical Industry



Pulp & Paper



Cement



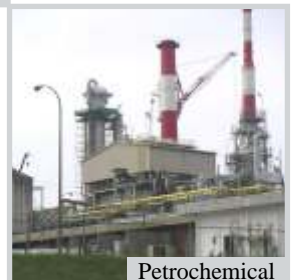
Power Plant



Steel Plant



Refinery



Petrochemical



Machine Tool



Bio Tech



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