



**SAYAL  
SANAT  
KAVAN**

**Oil, Gas & Petrochemical industry**

Supplier of Industrial

Valve, Fitting, Flange, Pipe, Gasket, Bolting

[www.sayalsanatkavan.ir](http://www.sayalsanatkavan.ir)

شرکت سیال صنعت کاوان

(سهامی خاص)



## درباره ما

## ABOUT US

**SAYAL SANAT KAVAN** Company was established in the year 1400 by the decision of several talented and hard-working young people who have worked and been active in various industrial fields for many years.

Relying on the knowledge and experience of its experienced management staff and forces, the company has started a wide range of activities in the field of engineering, marketing and supply of piping equipment, including various types of industrial valves, pipes, fittings, etc.

For this purpose, the ultimate goal of this company is the ease of preparing and sending orders along with the required certificates and approvals and in general providing the well-being of our esteemed customers.

This company has provided and designed its products in a special way and has been able to cooperate with other reputable companies in various fields in this short period, and in this regard, the company has tried to provide the best quality in the shortest possible time and make it available to esteemed customers.

شرکت سیال صنعت کاوان در سال ۱۴۰۰ با تصمیم چند تن از جوانان مستعد و سخت کوش که سال ها در زمینه های مختلف صنعتی کار و فعالیت داشته اند بصورت سهامی خاص تأسیس شده است.

این شرکت با اتکا به دانش و تجربه کادر مدیریت و نیروهای با تجربه خود فعالیت گسترده ای را در زمینه فنی مهندسی، بازاریابی و تأمین تجهیزات پایپینگ شامل انواع شیرآلات صنعتی، لوله، اتصالات و ... آغاز نموده است.

به همین منظور، سهولت در تهیه و ارسال سفارشات به همراه گواهینامه ها و تأییدیه های مورد نیاز و در مجموع فراهم نمودن رفاه حال مشتریان گرامی هدف غائی این مجموعه می باشد.

این شرکت محصولاتش را به صورت ویژه تأمین و طراحی نموده و توانسته است در این مدت کوتاه با شرکت های معتبر دیگر در زمینه های مختلف همکاری نماید و در همین راستا مجموعه تلاش نموده تا بهترین کیفیت را در کمترین زمان ممکن فراهم و در دسترس مشتریان محترم قرار دهد.

## ویژگی های قابل ذکر شرکت عبارت است از:

### Some of the features of the company are:

Having the sales agency of some domestic and foreign manufacturers in the mentioned fields, development of construction and execution, optimization of processes and upgrading of knowledge based on customer needs, all of which the company's facilities have been used to achieve the best quality.

دارا بودن عاملیت فروش برخی تولیدکنندگان داخلی و خارجی در حوزه های مذکور، توسعه ساخت و اجراء، بهینه سازی فرآیندها و ارتقاء دانش بر مدار نیازهای مشتری که همگی امکانات شرکت برای دست یافتن به بهترین کیفیت به خدمت گرفته شده است.

### Mission

Sayal Sanat Kavan Company, by observing the rights of customers while improving the quality of its products, is trying to achieve growth, profitability and also supply the items needed for new projects based on customer needs.

We hope to cooperate with you in maintaining these goals and respond to the demands of our valued customers in the best possible way.

### مأموریت

شرکت سیال صنعت کاوان با رعایت حقوق مشتریان ضمن بالابردن کیفیت محصولات خود، برای رسیدن به رشد، سودآوری و همچنین تأمین اقلام مورد نیاز پروژه های جدید بر اساس نیازهای مشتریان در تلاش می باشد.

امید است در زمینه همکاری با شما بتوانیم این اهداف را حفظ نموده و خواسته های مشتریان گرامی را به بهترین شکل مورد نظر پاسخگو باشیم.

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## Industries & Audiences

### صنایع مخاطب



- Oil and gas refineries
- Petrochemical Complexes
- Oil terminals
- Oil and gas transmission lines
- Power plants
- Steel mills
- Water & wastewater industries & treatment plants
- Chemical, paint and resin industries
- Paper and cardboard factories
- building projects
- Food industries
- Copper industries
- Mining industries
- Cement production plants
- Pharmaceutical industries
- Shipbuilding industries





# VALVES

# 01

- **VALVE AND ACCESSORIES TYPES:**

Gate, Globe, Ball, Butterfly, Plug, Diaphragm, Needle, Pinch, Hydrant, Check, Air, Safety, Relief, Control Valves, Strainer, Dismantling Joint, Expansion Joint

- **MATERIAL:**

Cast iron GG25, Ductile cast iron GGG40/ GGG50, Cast steel A216 Gr. WCA/ WCB/ WCC, Cast stainless steel A351 CF8/ CF3/ CF8M/ CF3M, Forged Steel ASTM A105, Forged Stainless steel F304/ F304L/ F316/ F316L, Brass, Bronze, Aluminum bronze ASTM B148 C9500, Nickel aluminum bronze ASTM B148 C95800, Duplex 22Cr

- **STANDARD:**

API 600, API 602, API 609, BS 1873, BS 1868, ASME B16.5, ASME B16.47, ASME B 16.34, ASME B16.10, DIN EN 593, DIN EN 3352, DIN EN 558, ASME B16.34

- **ACTUATOR:**

Lever, Hand wheel, Gearbox, Motor, Pneumatic, Hydraulic, Pilot

- **SIZE:**

1/4" to 80" / DN15 to DN 2000

- **RATING:**

150# to 2500# / PN6 to PN100



- **PIPE FITTING TYPES:**

Elbow (90°, 45°, LR, SR), Reducer (Concentric, Eccentric), Tee (Equal, Reducing, Barred), Cross (Equal, Reducing), Coupling (Half, Full, Reducing), Union, Adapter, Olet (Weldolet, Sockolet, Elbowlet, Thredolet, Niplolet, Latrolet, Sweepolet, Flageolet), Plug, Cap, Bushing, Nipple

- **CONNECTION:**

Butt weld, Socket weld, Flanged, Threaded

- **Material:**

Carbon Steel A105, A234, A216, Stainless Steel A182 F304/ F316/ F304L/ F316L, A403, A351 CF8/ CF3/ CF8M/ CF3M, Low Alloy Steel A182, A234, A217, LTCS A350, A420, A352, Nickel and Nickel Alloys, Chrome-molybdenum, Aluminum, Titanium, Bronze, Brass, Iron (Gray / Cast/ Ductile)

- **STANDARD:**

ASME B16.9, ASME B16.28, ASME B16.11, ASME B16.1, ASME B16.3, ASME B16.4, ASME B16.5, ASME B16.14, ASME B16.15, ASME B16.25, ASME B16.36, ASTM 105, ASTM A182, ASTM A234, ASTM A350, ASTM 403

- **SIZE:**

1/8" to 48"

- **RATING:**

150# to 6000#



erne fittings



BOTH-WELL



TE

TECHNO FORGE LTD.



BENKAN

TK Corporation

IML

## FLANGE 03

- **FLANGE TYPES:**

Slip-on, Weld-neck, Lap joint, Blind, Socket weld, Ring joint, Tongue and Groove, Threaded, Raised Face, Flat face

- **MATERIAL:**

Carbon Steel A105, A234, A216, Stainless Steel A182 F304/ F316/ F304L/ F316L, A403, A351 CF8/ CF8/ CF8M/ CF3M, Low Alloy Steel A182, A234, A217, LTCS A350, A420, A352, Nickel and Nickel Alloys, Chrome-molybdenum, Aluminum, Titanium, Bronze, Brass, Iron (Gray / Cast/ Ductile)

- **STANDARD:**

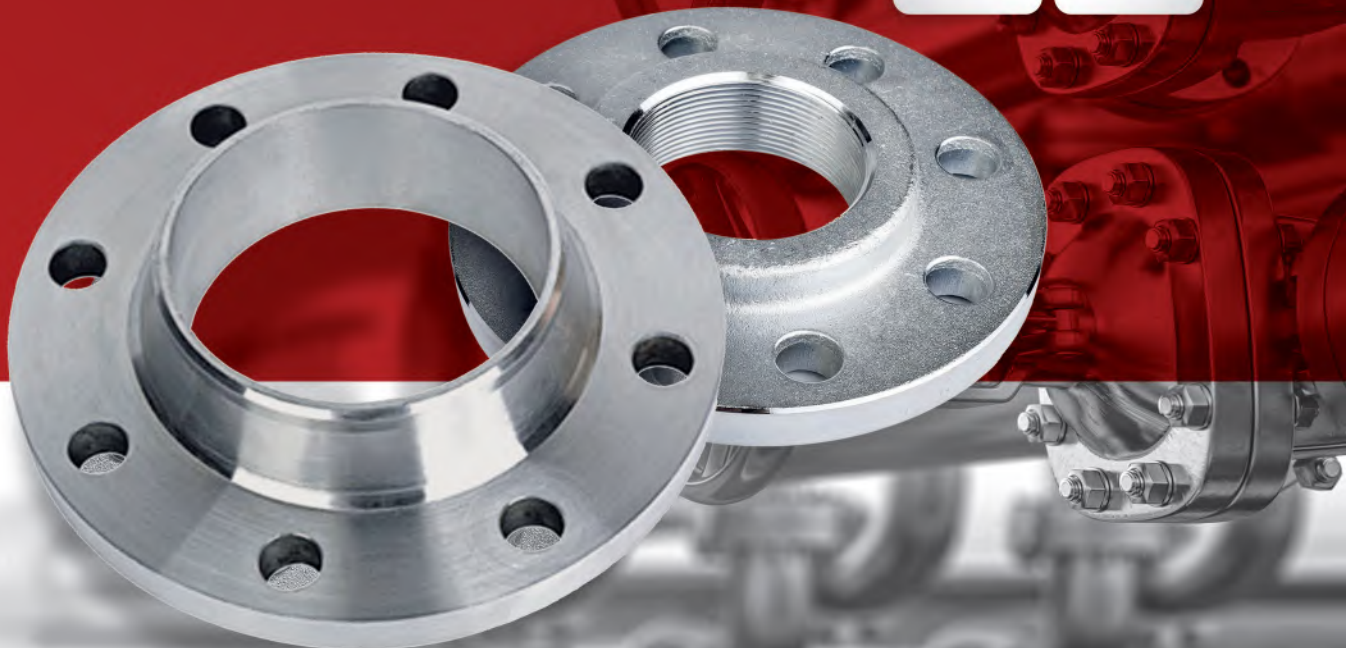
ASME B16.1, ASME B16.5, ASME B16.42, ASME B16.47, DIN 1092, BS10, BS1560, API 6A, API 17D

- **Size:**

1/2" to 48"

- **RATING:**

150# to 2500#





# 04 GASKET

● **GASKET TYPES:**

Spiral Wound with an Inner Ring, Spiral Wound without an Inner Ring, Corrugated Metal, Envelope Gasket (Double Jacketed Gaskets), Flat Metal, Non-Asbestos Sheet Material, Ring Type Joint, Kammprofile Gasket,

● **MATERIAL:**

Elastomers, SBR (Styrene-Butadiene), CR-Chloroprene (Neoprene), Buna-N/Rubber (Nitrile, NBR), EPDM (Ethylene Propylene), Fluorocarbon (Viton®), Chlorosulfonated Polyethylene (Hypalon®), Natural Rubber, Silicones, Vegetable Fiber Sheet

● **STANDARD:**

ASME B16.20, ASME B16.5, ASME B16.47, DIN EN 1514

● **SIZE:**

1/2" to 60"

● **RATING:**

150# to 2500#

### Spiral Wound Gasket Color Chart

**Windings Material – Outside Rim Color**

|              |  |           |
|--------------|--|-----------|
| 304 SS       |  | Yellow    |
| 316 SS       |  | Green     |
| 321 SS       |  | Turquoise |
| 347 SS       |  | Blue      |
| Alloy 20     |  | Black     |
| Carbon Steel |  | Silver    |
| Hastelloy B  |  | Brown     |
| Hastelloy C  |  | Beige     |
| Inconel      |  | Gold      |
| Monel        |  | Orange    |
| Nickel       |  | Red       |
| Titanium     |  | Purple    |

**Filler Material – Rim Stripe Color**

|            |  |             |
|------------|--|-------------|
| Mica Paper |  | Pink        |
| Graphite   |  | Grey        |
| PTFE       |  | White       |
| Ceramic    |  | Light Green |

### ● PIPE TYPES:

Welded (ERW, FW, SAW, CW), Seamless, Tubing, Low Temp., galvanized, Spiral, Corrugated

### ● MATERIAL:

Carbon Steel, Stainless Steel, Cast iron, Duplex, High alloy steel, Nickel alloy, NACE MR-0175

### ● STANDARD:

A106/ A53/ A333/ API 5L Gr. A/ B/ C, A312/ A279/ A790 Gr. TP304/ 316/ 304L/ 316L/ 321/ 347  
ASME B36.19, ASME B36.10

### END CONNECTION:

- Plain, Bevel, Threaded, Coupled

### SIZE:

- 1/8" to 72"

### RATING:

- Sch 5S to Sch XXS

Sumitomo

NIPPON STEEL

Tenaris

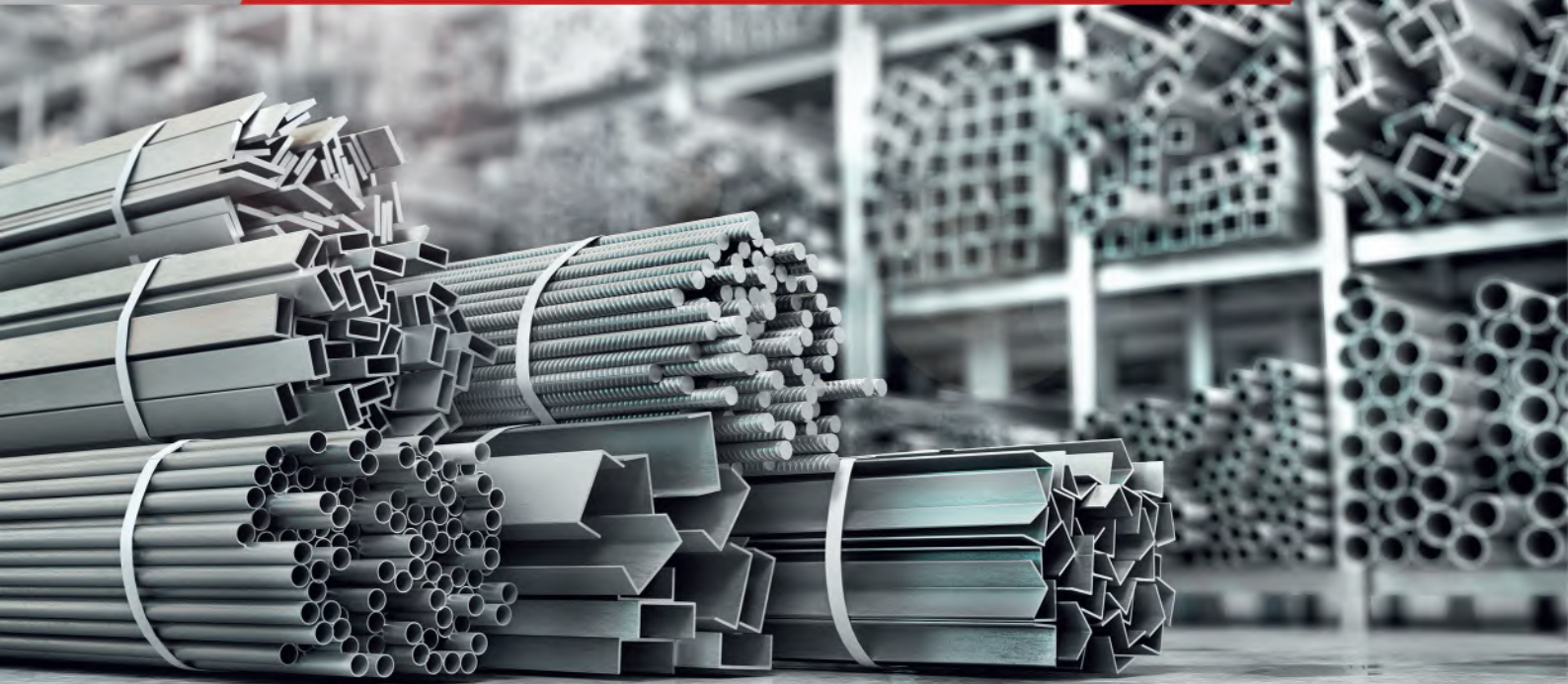
TUBOS  
REUNIDOS





# 06

# SHEETS & PROFILES



- **SHEET TYPES:**

Plain, Ribbed

- **MATERIAL:**

Carbon Steel, Stainless Steel, Alloy steel, NACE MR-0175, Galvanized, Aluminum, Brass

- **STANDARD:**

ST37, ST52, ST44, A516 Gr. 60/ Gr. 70, A283, A285, Mo40, CK45, 304, 304L, 316, 316L, 309, 310S, 410, 430,

- **THICKNESS:**

0.5 mm to 35 mm

- **PROFILE TYPES:**

Angles, Channels Beams, Flat bars, Plate, Perforated metal, Round bar, square bar, Strip, Round tubing, square tubing, rectangular tubing

- **MATERIALS:**

Carbon Steel, Stainless Steel, Aluminum

# 08

- **BOLT & SCREW TYPES:**

Machine bolt, Studs (Threaded rod), Anchor, Carriage, Elevator, Shoulder eye, Hanger, Hexagon head, Hexagon Socket Screw, Tap, Huck, Lag, Plow, Square head, Timber bolt, Toggle, U-bolt, Hex full thread tap, Hex cap, Step bolts, T-slot bolts, Socket head cap

- **NUT TYPES:**

Square, Prong Tee, Acorn, Wing, Locknut, Hexagonal, Machine Screw, Coupling, Hex finish, Hex jam, Hex nylon insert, Hex serrated flange

- **MATERIAL:**

Carbon Steel, Alloy Steel, Stainless Steel, Alloy steel, Galvanized, Aluminum, Brass

- **STANDARD:**

A193 Gr. B7/ B8/ B8M, A194 Gr. 2H, A307, A49, A325, A354, A490, A320, F568, F593

- **SIZE:**

1/4" to 4"





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## 08

## INSTRUMENT, AUTOMATION & CALIBRATION



Sensors, Transducers, Pressure Transmitters, Pressure gauges (Analog/ Digital), Gas Analytics Equipment, Pressure Instrumentation, Temperature Monitoring Instrumentation, Flow Meters, Level Sensors, Pressure switches, PMI Equipment, Liquid Analytics Devices, Tubing Tools, Leak Detectors, Filters

## 10



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