



TAHOON GROUP

International
For Industrial
Services And
Supplies



CATALOG

Pipes & Tubes & Bars

 **Materials** > Carbon Steel - Stainless Steel - Copper – Brass - Cast Iron - Galvanized iron

 **Standards** > ASTM - ASME / ANSI – API – ISO - EN / DIN

 **Metrics** > DN – NPS – Schedule – Wall Thickness- PN RATING - Length Units

 **Functions** > Transport Fluids - Support Structural Systems - Pressure and flow distribution systems - Drain and Vent - Heat exchangers - Precision fluid control systems

 **Forms (Types & Shapes)** > Seamless - Welded (ERW/SAW) - Round- Square- Flat- Hex



Valves

⚙️ **Materials** > Carbon Steel - Stainless Steel - Brass/Bronze - Cast Iron / Ductile

🔑 **Standards** > ASME / ANSI – API – ISO - EN / DIN

📏 **Metric (Sizing & Ratings)** > DN – NPS – PN RATING – ANSI CLASS – TEMP RANGE

⚙️ **Function** > Isolation – Regulation - Backflow prevention - Pressure relief - Flow direction control - Mixing/Diverting

📦 **Forms (Types of Valves)** > Gate – Ball – Globe – Butterfly – Check – Relief- Plug / Needle



Fittings Of Pipes

 **Materials** > Carbon Steel, Stainless Steel, Brass

 **Metrics (Sizing & Pressure Rating)** > Size Unit, Wall Thickness, Pressure Rating, Thread Types, Temperature Limits

 **Functions** > Connection, Direction Change, Flow Control / Division, Size Adaptation, Detachable Connections, Leak Prevention, Disconnection, Transition

 **Forms (Types of Fittings)** > Elbow (45°, 90°), Tee / Cross / Wye, Reducer / Adapter, Union / Coupler, Nipple, Olet, Quick-Connect, Plug, Cap



Flanges

⚙️ **Material** > Carbon steel, stainless steel, alloy steel, cast iron

🔑 **Standards** > ASME B16.5, B16.47, ASTM A105, ISO 7005, EN 1092-1, JIS B2220

📐 **Metrics** > NPS/DN size, pressure rating (ANSI classes or PN), bolt circle diameter, Face Type

⚙️ **Function** > Connect pipes or components, allow disassembly, Pressure Containment, isolate system (blind flanges)

📏 **Forms (Types)** > Weld neck, slip-on, blind, socket weld, lap joint, orifice /(RTJ)



Gaskets

⚙️ **Material** > Rubber (NBR, EPDM), PTFE, spiral wound metal, compressed fiber, metal jacketed

⚙️ **Function** > Seal flange joints to prevent leakage under pressure and temperature

📏 **Forms** > Flat, spiral wound, ring joint, jacketed, O-ring



 **Bolts**  **Function** > Secure flanges or components, maintain mechanical integrity

□ **Forms** > Hex head, stud bolts, socket head, carriage bolts

 **Nuts**  **Function** > Mate with bolts/studs to clamp flanges or components

□ **Forms** > Hex nut, lock nut, flange nut, cap nut



 **Clamps**  **Function** > Secure hoses to fittings, support pipes, prevent leaks

□ **Forms** > Worm gear, T-bolt, spring, V-band clamps



Hoses

 **Materials** > Rubber / Silicone, Composite / Nylon

 **Standards** > SAE J517, ISO 1436, DIN EN 853/854, FDA (for food-grade)

 **Metrics** > ID/OD in mm or inches, PSI or bar rating, Rolls (10 m – 100 m)

 **Functions** > Fluid transport, Precision systems, Temporary connections, Flexible routing

 **Forms (Shapes & Construction)** > Braided, reinforced, corrugated, smooth-bore



Cam Locks **Function** > Quick connect/disconnect of fluid lines

 **Forms** > Male/female halves with cam arms





Contact Us

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