HANS

PARTNER IN TECHNOLOGY

TOTAL INDUSTRIAL SOLUTION !!!!

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WHY HANS ?

The leading
engineering
company providing
technologically
advanced
Products &
Services
in a
diversified
market

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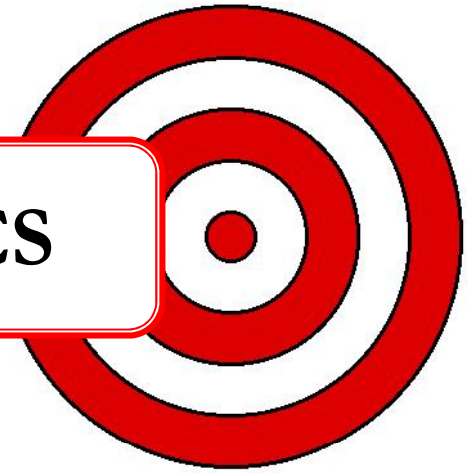
HYDRAULIC & PNEUMATICS



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Parker

ENGINEERING YOUR SUCCESS.

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Main Products

- ERMETO ORIGINAL
- TUBE FITTINGS
- QUICK COUPLING(QRC)
- HYDRAULIC BALL VALVE
- SEAMLESS TUBES
- TUBE CLAMPS
- HYDRAULIC VALVE & PUMPS
- O-RING & SEAL KIT
- PNEUMATIC VALVE ,CYL.
- PU TUBE, & FITTINGS

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TUBE FITTINGS (ERMETO ORIGINAL)

Parker FLUID CONNECTORS Specialists

The Tube Fittings Division Europe

- EO2-Plus (metric bite type with elastomeric seal)
- EO2-FORM (formed tube with soft seal),
- O-Lok® fitting (O-ring face seal) form the Dry Technology "family".
- EO-Plus fitting (metric bite type),
- 24° cone weld nipples,
- Triple-Lok® fitting (37° flare)
- Pipe Adapters are the metallically sealed group. Ferulok fittings (inch tube bite type),
- Intru-Lok (Brass flare less)
- JIS fittings Tube Fittings

Division in the USA

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SENSO CONTROL & TEST COUPLING

Parker FLUID CONNECTORS Specialists

- Diagnostic Test Couplings are mainly used as Measuring Sysytems for Pressure Monitoring of fluid and gaseous pressure systems. & will provide ease of flexibilities in positions & disctance
- Test couplings are used for gas filling valve for nitrogen accumulators for Military application
- Test couplings are used for gas pressure control systems as test points for gas & water industries.
- Test couplings & Test hoses are used up to 700 bar
- Test couplimgs & hoses can used for venting in hydraulic piping systems.
- Test hoses are prepared from Polyamide materials and temp. range up to -35 0 C to + 100 0 C
- Test couplings are manufactured from Carbon steel & stainless steel grades as per requirements.

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HYDRAULIC QUICK RELEASE COUPLING

Parker FLUID CONNECTORS Specialists

Parker Snap-tite

RECTUS TEMA

Parker's quick coupling division, established in 1968, has beens upplying quality products to the marketplace since it's inception. With manufacturing facilities on two continents, parker qcd manufactures hydraulic and pneumatic products designed to meet the demanding requirements of a wide variety of applications in a host of markets including agriculture, automotive, chemical, off-shore oil, pulp and paper, food processing, printing and publishing, plastics, public utilities, construction, alternative fuels and others. Quick couplings are available in a variety of sizes and end con figurations ranging from 1/8 inch to 2-1/2 inches to accommodate broad spectrum of design requirements. Pressure capabilities to15,000 psi working pressure.

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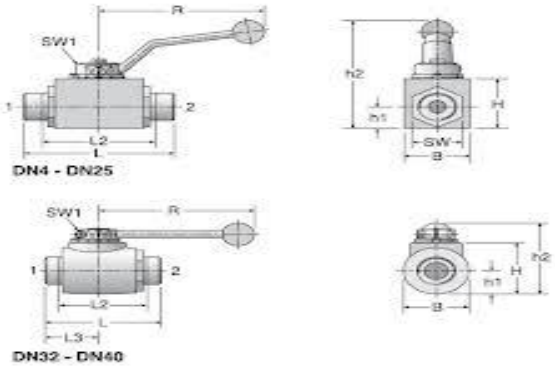
HYDRAULIC 2/3 WAY BALL VALVE

Parker FLUID CONNECTORS Specialists



The Parker High Pressure Ball Valve Product Line serves in applications ranging from 3000 to 10,000 PSI. Included in this section is the Series BVAL, especially designed for leak-free hydraulic suction and return line applications.

PARKER BALL valves are used for shut-off applications and are rated at 414 Bar (6000 PSI). The wide variety of porting options plus the wide range of accessories make the BVHP the choice for high pressure systems with ports up to 1".

Parker's 2-way ball valves operate to either off or full flow by rotating the handle 90°. Ball valves are not designed to be a metering or flow control device.

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HYDRAULIC PUMP & SOLENOID VALVE

Parker FLUID CONNECTORS Specialists

HYDRAULIC PUMP -Rugged low cost pumps with all parts renewable by replacement. Oil immersed type, open execution, face mounting, valve controlled, fixed delivery, bi-directional rotation of shaft. For coupling the pumps to the electric motors standard bell housing assemblies are available. Available with three pumping elements.

SOLENOID VALVE -Parker's valve offering includes hydraulic, pneumatic, instrumentation, refrigeration and aerospace in a variety of types and various configurations. Parker valve brand names include Apitech, Color flow, Commercial, Denison, Gresen, IQAN, Manatrol, Manapak, Schrader Bellows, Republic, Sinclair Collins, Skinner, Sporlan and Sterling. Parker valve types can be manual, motor actuated or solenoid operated while mounting configurations can be sub-based, in-line or manifold.

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PARKER SOLENOID VALVE

Parker 7321B/7322B 2/2 pilot operated valvesis the best solution anywhere a perfect control**media such water, steam, and light oils isrequired.**

Valve body: CW617N UNI EN 12165:98 Forged Brass
Enclosing tube: AISI 304 stainless steel
Plunger: AISI 430F St. Steel
Spring: AISI 302 St. Steel
Seals: NBR (Buna N) - EPDMFKM (Viton)
Shading ring: Copper
Material Specifications : The valves can be mounted in any position. It is however recommended to install them with the coilin vertical position above the body.

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PARKER PNEUMATICS PRODUCT

Parker offers the world's most extensive pneumatic product lines. Parker offers the best engineering assistance to help in every stage of your design. Local, lean manufacturing facilities in four continents assure you the most rapid deliveries in the industry. Global technical assistance is a phone call or email away.

With extensive engineering expertise in motion and control, market leading breadth of product, and unequaled global distribution, Parker provides innovative components and complete systems to customers worldwide. Parker partners with customers to improve their productivity and profitability..

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HYD. TUBE CLAMPS

Parker Tube clamps according to DIN 3015
The clamp bodies are available in these materials ex store

- Polypropylene (dark green colour)
- Polyamide (black colour)
- Solid rubber (black colour)
- Aluminium

Upper and lower clamp halves are identical. The inside of the clamp is available with or without webs.Webs on the inside of the clamps have a vibration and impact reducing effect and absorb force towards the direction of the tube axis. A spacing between both halves produces the bias of the tube.
For the support of hoses and cables we recommend to use clamps with an even inside without bias. The spacing measure s1 is not required. Thus, the block height h1 is reduced.

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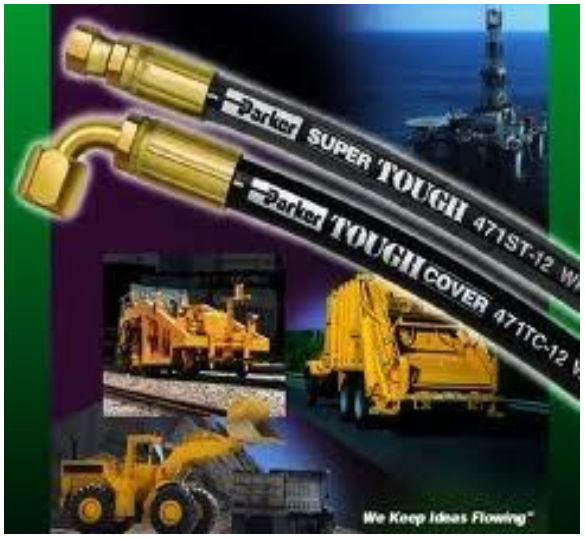
HYDRULIC HOSES



Parker offers the widest range of specialty, industrial, hybrid and hydraulic hose in the industry.

Low pressure, medium pressure and high pressure pneumatic and hydraulic hose that is heat, ozone and weather resistant, chemical resistant, oil and flame resistant, UV resistant and abrasion resistant is available from Parker.

Parker's pneumatic and hydraulic hose is manufactured to meet or exceed industrial specification requirements of SAE, DOT, USCG, Available in 3/16 inches to 3 inches I.D.

High pressure to medium pressure braided Hydraulic hoses

Wire braided – SAE 100R1, R2, R3, R6, 4SP,4SH,R9,R12,R13,R15

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SEALS, ORING KIT

Parker offers a wide variety of seals which consist of composite seals, metal seals, molded seals, PTFE seals and rotary shaft seals. From the near-absolute vacuum of space to the pressure of 30,000 psi oilfield applications, temperatures from the cold of cryogenic temperatures or the heat of a turbine jet engine, Parker seals can handle the most challenging applications known to man.

Parker seals include significant ranges of custom molded or machined shapes, diaphragms, and directional valve seals, over-molded and press-in-places seals.
Hydraulic sealing systems for earth moving/construction machinery, agriculture machinery, agricultural/forestry machinery, material handling, industrial hydraulics, vehicle engineering and mining.

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HYDRAULIC SAE FLANGES

Parker offered thread flanges are designed as per iso 6162 - 3000 psi series & 6000 psi series only.
thread flanges are used for hose assembly where easy removal piping can be possible with in close area
thread flanges are in 2 halves attached with weld nozzle with allen bolts , nuts & o ring seal.

sae thread flanges are in moc - steel , stainless steel
sae thread flanges are assembled with split flanges or
mono flanges or flat butt type flanges with tube to weld on both side with allen bolts & nuts.
sae thread flanges
static pressure for 3000 psi & 6000 psi series.
sizes available - 1/4 " nb up to 5 " nb

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HYDRAULIC SEAMLESS TUBES

Material: 1.4571 (X6CrNiMoTi17122)
Tensile Strength: 500 N/mm2
(72,500 lb/in2) minimumYield Strength:
245N/mm2(35,500 lb/in2) minimum%
Elongation: 35%minimumCondition:Seamless,
cold drawn, free of scale, heat-treated in
accordance with DIN 17458
outside diameter (mm), 2 = wall thickness
(mm), and 71 indicates 1.4571 stainless
steelStatic pressures are calculated in
accordance with DIN 2413 Part 1.
Dynamic pressure ratings are calculated in
accordance with DIN 2413 Part 3.Specific
design factors may be determined by using
the burst pressures shown in the above table.

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