





Stucchi®

HOSES, FITTINGS & BALL VALVES

DIRECTORY



a constant flow of solutions



ISO 9001 ISO 14001 OHSAS 18001







Stucchi FCP Pty Ltd is a 100% owned subsidiary of the Stucchi SpA group based in northern Italy, one of the leading manufacturers of quick disconnect couplings.

We provide our customers with a solutions based approach backed by our ISO quality-management systems documented throughout the company's supply chain.

Leveraging on its 50 plus years knowledge of manufacturing, in Australia Stucchi also offer a range of quality fluid conveying products some of which include hose, hose fittings, ball and check valves all proven in the demanding Australian and New Zealand markets.

Stucchi Australia has built its range on the demands of the diverse markets to which it services, proving that off the shelf availability is one of its pillars of strength.

Applications

The strength that distinguishes Stucchi in the market is a “constant flow of solutions” in the development, manufacturing and distribution of products for fluid connections and control.

The vision that drives us towards the future is to be recognized by our customers as the supplier of choice for fluid power products and solutions that are easy to use, safe, durable, environmentally friendly and that help in saving energy. Following these principles Stucchi offers solutions that cover a wide range of applications constantly ensuring the quality of products.

Oil&Gas



Stucchi couplings are used in exploration, extraction, field services (upstream), storage and conveyance (downstream) of crude oil and natural gas.

Industry



Stucchi couplings are present on machinery and systems used for industrial manufacturing and applications.

Earth Moving



Stucchi couplings are suitable for systems and products related with controlling mobile equipment used in off-highway applications. Stucchi products have been successfully proven for years in heavy duty applications and in connect under pressure conditions.

Hydraulic Equipment



Stucchi couplings are suitable for machinery and systems related to various hydraulic equipment, such as machine tools and automation, measurement and control and for powered hand tools.

Vehicles



Stucchi couplings are present on vehicles hydraulic applications systems, to connect different tools or trailers. Stucchi products are particularly appreciated by body manufacturers for their high performances and for their ability to withstand heavy duty applications.

Agriculture



From conventional ‘poppet design’ profile to flat face and multi couplings, Stucchi products are present on agricultural machines and attachments.

High Pressure



Stucchi couplings are present on systems associated with high pressure applications; not only on jacks, ram or clamping devices but also on rescue equipment.

Cooling



Stucchi couplings are used on machinery for cooling of systems with water or water glycol.

Refrigeration



Stucchi couplings are present on systems associated with vehicles refrigeration (A/C recharge) and isothermal bodies through low temperature eutectic plates.

Chemical & Food Industry



Stucchi couplings are used in chemical applications where flow performances associated with non-spill design allows to increase system specifications and to protect the environment.

BALL VALVES

GB2 SERIES



Number of Ports: **2**
Material: **Available in carbon steel and stainless steel**
Available Sizes: **1-¼" to 2"**
Port: **NPT, BSP, SAE, Flange**
Operating Pressure: **Up to 350 bar**
Temperature range: **-60 + 230 °C (dependent on body and seal material)**

GB3 SERIES



Number of Ports: **3**
Port Type: **L and T**
Material: **Available in carbon steel and stainless**
Available Sizes: **1¼ to 2"**
Port: **NPT, BSP**
Operating Pressure: **350 bar**
Temperature range: **-60 + 230 °C (dependent on body and seal material)**

GE2 SERIES



Number of Ports: **2**
Material: **Available in carbon steel and stainless steel**
Available Sizes: **¼ to 1"**
Port: **NPT, BSP, SAE, Flange**
Operating Pressure: **Up to 500 bar**
Temperature range: **-60 + 230 °C (dependent on body and seal material)**

GE3 SERIES



Number of Ports: **3**
Port Type: **L and T**
Material: **Available in carbon steel and stainless**
Available Sizes: **¼ to 1"**
Port: **NPT, BSP**
Operating Pressure: **Up to 400 bar**
Temperature range: **-60 + 230 °C (dependent on body and seal material)**

GRC SERIES



Number of Ports: **2**
Material: **Available in carbon steel and stainless steel**
Available Sizes: **DN25 to DN80**
Thread: **ISO6164**
Operating Pressure: **Up to 400 bar**
Temperature range: **-60 + 230 °C (dependent on body and seal material)**

GRS SERIES



Number of Ports: **2**
Material: **Carbon steel**
Available Sizes: **DN13 to DN125**
Thread: **Code 61, code 62 flange**
Operating Pressure: **Up to 420 bar**
Temperature range: **-20 +230 °C (dependent on body and seal material)**

GV2 SERIES



Number of Ports: **2**
Material: **Carbon steel**
Available Sizes: **1/8" to 1"**
Thread: **NPT, BSP, SAE, Flange**
Operating Pressure: **Up to 500 bar**
Temperature range: **-20 + 230 °C**
Typical Use: **Ideal for excavator boom mounting**

FITTINGS

BSP SERIES



Thread Range: **1/8 to 1 1/4**
Thread Type: **Female**
Hose Type: **1 and 2 wire, 4 spiral**
Hose Size: **¼ to 1 ¼**
Construction Type: **One and Two Piece**
Versions: **Straight, 45 and 90 degree (Compact 90 degree also available)**

FITTINGS

BSPP SERIES



Thread Range: **1/8 to 3/4**
Thread Type: **Male**
Hose Type: **1 and 2 wire**
Hose Size: **¼ to 5/8**
Construction Type: **Two Piece**
Versions: **Straight**

BSPT SERIES



Thread Range: **1/8 to 1-11**
Thread Type: **Male**
Hose Type: **1 and 2 wire**
Hose Size: **¼ to 1”**
Construction Type: **One and Two Piece**
Versions: **Straight**

JIC SERIES



Thread Range: **7/16 -20 to 1-5/8 -12**
Thread Type: **Male and Female**
Hose Type: **1 and 2 wire, 4 spiral**
Hose Size: **3/16 to 1 ¼**
Construction Type: **One and Two Piece**
Versions: **Straight, 45 and 90 degree (Compact 90 degree also available)**

CODE 61 SERIES



SAE Flange: **½ to 1 ¼**
Hose Type: **1 and 2 wire, 4 spiral**
Hose Size: **½ to 1 ¼**
Construction Type: **One and Two Piece**
Versions: **Straight, 45 and 90 degree (Long drop 90 degree also available)**

CODE 62 SERIES



SAE Flange: **¾ to 1 ¼**
Hose Type: **1 and 2 wire, 4 spiral**
Hose Size: **¾ to 1 ¼**
Construction Type: **One and Two Piece**
Versions: **Straight, 45 and 90 degree**

ORFS SERIES



Thread Range: **9/16 -18 to 1 7/16 -12**
Thread Type: **Female**
Hose Type: **1 and 2 wire, 4 spiral**
Hose Size: **¼ to 1**
Construction Type: **One and Two Piece**
Versions: **Straight, 45 and 90 degree (Compact 90 degree also available)**

SAE SERIES



Thread Range: **7/16 -20 to 1 5/16 -14**
Thread Type: **Male and Female**
Hose Type: **1 and 2 wire**
Hose Size: **¼ to 1”**
Construction Type: **Two Piece**
Versions: **Straight**

JIS SERIES



Thread Range: **¼ -19 to 1 -11**
Thread Type: **Female**
Hose Type: **1 and 2 wire**
Hose Size: **¼ to 1”**
Construction Type: **One and Two Piece**
Versions: **Straight, 45 and 90 degree**

FITTINGS

KOMATSU SERIES



Thread Range: **12 x 1.0 to 33 x 1.5**
Thread Type: **Female**
Hose Type: **1 and 2 wire**
Hose Size: **¼ to 1**
Construction Type: **One and Two Piece**
Versions: **Straight and 90 degree**

LIFESAVER SERIES



Tube: **¼ to 1”**
Hose Type: **1 and 2 wire**
Hose Size: **¼ to 1”**
Construction Type: **Two Piece**
Versions: **Straight**

UNO SERIES



Thread Range: **7/16 -20 to 1-5/16 -12**
Thread Type: **Male**
Hose Type: **1 and 2 wire**
Hose Size: **¼ to 1”**
Construction Type: **Two Piece**
Versions: **Straight**

METRIC BANJO SERIES



Thread Type: **Banjo**
Hose Type: **1 and 2 wire**
Hose Size: **¼ to 3/8**
Construction: **Two Piece**
Versions: **Straight**

METRIC HEAVY SERIES



Thread Range: **14 x 1.5 (6mm tube) to 42 x 2.0 (30mm tube)**
Thread Type: **Male and Female**
Hose Type: **1 and 2 wire**
Hose Size: **¼ to 1”**
Construction Type: **One and Two Piece**
Versions: **Straight, 45 and 90 degree**

METRIC LIGHT SERIES



Thread Range: **12 x 1.5 (6mm tube) to 45 x 2.0 (35mm tube)**
Thread Type: **Male and Female**
Hose Type: **1 and 2 wire**
Hose Size: **¼ to 1”**
Construction Type: **One and Two Piece**
Versions: **Straight, 45 and 90 degree**

METRIC GAZ SERIES



Thread Range: **27 x 1.5 to 40 x 1.5**
Thread Type: **Male and Female**
Hose Type: **1 and 2 wire**
Hose Size: **¾ to 1”**
Construction Type: **Two Piece**
Versions: **Straight**

NPT SERIES



Thread Range: **1/8 -27 to 1-11**
Thread Type: **Male**
Hose Type: **1 and 2 wire**
Hose Size: **3/16 to 1 ¼**
Construction Type: **One and Two Piece**
Versions: **Straight**

HOSES

1SN SERIES



Standard: **DIN EN 853 1SN**
Tube: **Oil resistant synthetic rubber**
Reinforcement: **One high tensile steel wire braid**
Cover: **Abrasion and weather resistant synthetic rubber Germanischer Lloyds Flame Resistant Certified**
Temperature range: **-40 to + 100 °C (+120oC max)**
Range: **¼ to 1”**

2SN SERIES



Standard: **DIN EN 853 2SN**
Tube: **Oil resistant synthetic rubber**
Reinforcement: **Two high tensile steel wire braid**
Cover: **Abrasion and weather resistant synthetic rubber Germanischer Lloyds Flame Resistant Certified**
Temperature range: **-40 to + 100 °C (+120oC max)**
Range: **¼ to 1”**

4SP SERIES



Standard: **DIN EN 856 4SP**
Tube: **Oil resistant synthetic rubber**
Reinforcement: **Four high tensile steel wire spiral layers**
Cover: **Abrasion and weather resistant synthetic rubber MSHA cover**
Temperature range: **-40 to + 100 °C (+120 °C max)**
Range: **½ to 1”**

4SH SERIES



Standard: **DIN EN 856 4SH**
Tube: **Oil resistant synthetic rubber**
Reinforcement: **Four high tensile steel wire spiral layers**
Cover: **Abrasion and weather resistant synthetic rubber MSHA cover**
Temperature range: **-40 to + 100 °C (+120 °C max)**
Range: **1 ¼”**

SAE100R7 SERIES



Standard: **SAE100R7**
Tube: **Polyester elastomer**
Reinforcement: **One braid of polyester yarn**
Cover: **Black polyurethane**
Temperature range: **-40 to + 100 °C**
Range: **1/8 to ¾” (twin line available in 3/8 and ½”)**

SAE100R8 SERIES



Standard: **SAE100R8**
Tube: **Polyester elastomer**
Reinforcement: **One braid of Aramid yarn (Kevlar)**
Cover: **Black polyurethane**
Temperature range: **-40 to + 100 °C**
Range: **3/16 to 1” (twin line available in 1/4” & 3/8”)**

RJ1P SERIES



Tube: **Hydrolysis resistant polyester**
Reinforcement: **One braid of polyester yarn**
Cover: **Black polyester grade PU**
Temperature range: **-40 to + 100 °C**
Range: **3/16” & ¼”**

RJ2SN SERIES



Tube: **Synthetic rubber resistant to usual detergents**
Reinforcement: **Two high tensile wire braids**
Cover: **Blue abrasion and weather resistant synthetic rubber**
Temperature range: **-40 to + 155 °C**
Range: **3/8”**

HOSES

1WP SERIES



Tube: **Nylon elastomer**
Reinforcement: **One braid high tensile steel wire**
Cover: **Blue polyurethane**
Temperature range: **-40 to + 95 °C**
Range: **¼”**

2WP SERIES



Tube: **Nylon elastomer**
Reinforcement: **Two braid high tensile steel wire**
Cover: **Blue polyurethane**
Temperature range: **-40 to + 95 °C**
Range: **3/8”**

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