

Solutions for Compressed Air, Hydraulic & Fluid Transfer Applications.



Compressed Air Standard Couplings - Single shut-off

G600 - G700 - I900 - I1000 - T1100 - T1300 series



Diam. 5.5, 8 and 11 mm - Std ISO 6150B
Diam. 7.2/7.4 and 10 mm - European profile
Diam. 12 mm - Proprietary profile
Up to 20 bar max - Ball-locked
Nickel-plated brass - Zinc-plated steel
NBR seals
■ General pneumatics

1000 series



Diam. 5.5 mm
Standard ISO 6150B
Up to 140 bar max
AISI 303 stainless steel
NBR seals*
Ball-locked
■ General pneumatics and fluid transfer

3000 - 4000 - 5000 - 6000 series



Diam. 5.5 to 15 mm - Standard ISO 6150B
Up to 140 bar max
Brass - Zinc-plated steel
NBR seals*
Ball-locked
■ General pneumatics, industrial breathing air and fluid transfer

210 - 310 series



Diam. 5.5 and 8 mm
ARO interchange
Up to 17 bar max
Carbon steel
NBR seals
Ball-locked
■ General pneumatics

Compressed Air Safety Couplings - Single shut-off

profile ISO 6150B



Diam. 5.5 and 8 mm - ISO 6150B profile
Meets ISO 4414 standard requirements
Up to 16 bar max
Aluminium - Zinc-plated steel
NBR seals
Push-button type (no whiplash effect)
■ General pneumatics

profile ISO 6150C



Diam. 5.5, 8 and 11 mm
ISO 6150C profile
Meets ISO 4414 standard requirements
Up to 16 bar max
Aluminium - Zinc-plated steel
NBR seals
Push-button type (no whiplash effect)
■ General pneumatics and automotive plants

2CC - 24CC series



Diam. 5.5 mm accepts both ISO 6150B and ARO 210 profiles
Diam. 7.2 mm - European profile
Up to 17 bar max
Nickel-plated brass - Zinc-plated steel - ABS PC - NBR seals
Unrestricted flow-passage
No whiplash effect
■ General pneumatics

FULL-BORE series



Diam. 8 and 11 mm
ARO industrial interchange
Up to 17 bar max
Carbon steel
NBR seals
No whiplash effect
■ General pneumatics

Compressed Air Accessories

S100 - S200 series



From 10 to 20 bar max
Nylon or metal blow-guns
Progressive flow control
Series S 100 is available with airtight screen
Series S 200 complies with OSHA standard requirements
■ General pneumatics

E700 - M200 - M280 series



Adaptors, Ys, tees, elbows, crosses and hose tails
From 35 to 250 bar max
Zinc-plated steel - Nickel-plated brass
■ General pneumatics and hydraulics

SPUBD series



Air-coils with swivel connections
From 9 bar max
Polyurethane
■ General pneumatics and fluid transfer

ENR series



Air hose reel
Up to 15 bar max
Polyurethane braid hose - Steel guard
180° rotating support
■ General pneumatics

Moulding Couplings

J 50000 series



Diam. 6 and 9 mm - Proprietary profile
Up to 50 bar max
Stainless steel - Brass
FKM seals
Double shut-off - Vibration-resistant
■ Cooling or heat regulation of injection moulds, cooling of electronic systems and heat-transfer fluids

FLO-TEMP™ series



Diam. 6, 9 and 16 mm
Proprietary profile
Up to 14 bar max
Brass
FKM seals
Straight-through
■ Cooling or heat regulation of injection moulds

Plastic Couplings

P2 HK - P2 ST - P3 ST series



P2 HK: size 1/4" - Up to 4 bar max
Polypropylene - FKM or EPDM seals
Double shut-off
■ Air, water and various chemicals

P2 ST & P3 ST: sizes 1/4" and 3/8"
Polypropylene - NBR seals
Up to 8 bar max - Straight-through
■ Medical applications, chemicals, pharmaceuticals and fluid transfer

W 10000 series



Sizes 8, 12 and 16 - Proprietary profile
Up to 125 bar max
Zinc-plated steel - Brass
HNBR or CR seals
Double shut-off - Screw-to-connect
Minimum entry of air and loss of fluid
■ Refrigeration and air conditioning systems

Gas Couplings

600 - 700 series



Size 1/4" - Proprietary profile
Up to 100 bar max
Brass - NBR seals
Single shut-off - Ball-locked
Safety sleeve-lock
For oxygen or acetylene use
■ Welding, general pneumatics, breathing equipment, construction and shipyards

H-5000 series



Sizes 1/8" to 2" - Proprietary profile
Up to 1000 bar max
Available in zinc-plated steel, brass and stainless steel
NBR, FKM or EPDM seals
Excellent pressure performance
■ Oil industry, chemicals, transport, public works, agriculture, iron and steel and food processing industry

HK series

also available for Oil & Gas (HKFR series - API 16D certified)



Sizes 1/8" to 3" - Standard ISO 7241-1B
Up to 345 bar max
Available in steel, brass and stainless steel
NBR, FKM or EPDM seals*
Alternative single shut-off or straight-through versions - Optional safety sleeve-lock - High flow rates
■ Chemicals, transport, public works, agriculture, iron and steel, refrigeration and food processing industry

IA series



Size 1/2" - Standard ISO 7241-1A
Up to 250 bar max
Zinc-plated steel
NBR seals
Push-pull sleeve (bulkhead mounting)
Wide offer of end connections
■ Hydraulic circuits and equipment used in agriculture and forestry machinery

Hydraulic Ball-Locked Couplings (continued)

2 HKIG - 2 HKIL series



Size 1/4" - Proprietary profile
Up to 100 bar max
Stainless steel - NBR seals*
Socket also available with right-angle connection
2 profiles to avoid crossing lines
■ Chemicals, general industry, food and beverage, military and aerospace

Q 9000 series



Diam 8 mm
Standards ISO 5676 & NFU 16-006
Up to 150 bar max
Zinc-plated steel - NBR seals
Brake couplings
Minimum entry of air and loss of fluid
■ Trailer brake circuits on agricultural and forestry vehicles

H 55000 series



Sizes 3/8" and 1/2" - Proprietary profile
Up to 250 bar max
Zinc-plated steel
NBR seals
Ball valving
■ Hydraulic circuits and equipment, forestry and agricultural machinery, iron and steel industry

Check-Valves

R 4000 series



Sizes 1/8" to 2" - Proprietary profile
Up to 700 bar max
Available in zinc-plated steel, brass and stainless steel
NBR or FKM seals*
Standard cracking pressures: 0.5 and 1 bar
■ All industries, agriculture, public works and fluid transfer lines

Hydraulic Screw-to-Connect Couplings - Double shut-off

W 6000 series



Sizes 1/4" to 2" - Proprietary profile
Up to 1100 bar max
Available in zinc-plated steel and stainless steel
NBR or FKM seals
Resistant to heavy mechanical loads
■ All industrial and severe applications, public works, offshore and lifting equipment

W 36000 series



Sizes 1/4" to 1 1/4" - Proprietary profile
Up to 450 bar max
Zinc-plated steel - NBR seals
Optional safety device - Wide offer of end connections - Resistant to heavy mechanical loads
■ Agriculture, public works, forestry machinery and snow groomers

W 46000 series



Sizes 3/4" and 1" - Proprietary profile
Up to 250 bar max
Zinc-plated steel
NBR seals
■ Tractor-trailer connections, HGVs and trucks

K 8000 series



Diam 8 mm - Proprietary profile
Up to 250 bar max
Zinc-plated steel
NBR seals
Agricultural couplings
Minimum entry of air and loss of fluid
■ Tractors, agriculture and forestry machinery

Hydraulic Flat-Face Couplings - Double shut-off

FF - FFCUP series

also available with colour-coded rings



FF: sizes 1/4" to 1" - Safety sleeve-lock
FFCUP plug: size 3/8" for Connect under Pressure applications
Standard ISO 16028 - Up to 350 bar max
Zinc-plated steel - NBR+AU seals
Excellent mechanical performance
■ Hydraulic pumps, jacks, lifting & handling equipment, public works, agriculture, iron and steel industry

MLFF series

also available with colour-coded rings



Sizes 1/4" to 1" - Standard ISO 16028
Up to 250 bar max
Stainless steel - NBR+AU, EPDM or FKM seals
Safety sleeve-lock
Resistant to aggressive environments
■ Construction, agriculture, oil and gas, material handling, railways, iron and steel industry and marine

MLDB series

also available with colour-coded rings



Sizes 1/4" to 1" - Proprietary profile
Up to 25 bar max - AISI 316 stainless steel - FKM or EPDM seals*
Safety sleeve-lock
Resistant to aggressive fluids and corrosion
■ Chemicals, petrochemicals, pharmaceuticals, cosmetics, cooling and food processing industry

Beverage Couplings



Fittings, plugs and sockets
Brass - Stainless steel - Plastic
EPDM seals
■ Beverage dispensers

Hydraulic Ball-Locked Couplings - Straight-through

L 7000 series



Sizes 1/8" to 2" - Proprietary profile
Up to 1000 bar max
Available in zinc-plated steel, brass and stainless steel
NBR, FKM or EPDM seals
■ Pressure washing, steam-cleaning equipment, fluid transfer lines and hydraulic circuits

ST series



Sizes 1/8" to 2 1/2" - Proprietary profile
Up to 520 bar max
Available in zinc-plated steel (plugs only), brass and stainless steel
NBR, FKM or EPDM seals*
■ Pressure washing, steam-cleaning equipment, fluid transfer lines and hydraulic circuits

High Pressure Hydraulic Couplings

2UH series



Size 1/4" - Proprietary profile
Up to 1500 bar max
High tensile steel
NBR seals
Ball-locked
■ Emergency release and rescue equipment, lifting cylinders, shears and pullers

WA 56000 - HP3 series



W-56000: sizes 1/4" and 3/8" (popet valving) - HP3: size 3/8" (ball valving)
Proprietary profiles
Up to 700 bar max
Zinc-plated steel
NBR seals
■ Hydraulic jacks, clamping systems, lifting and emergency release equipment

Leak-Testing and Filling Connectors



Quick Seal® leak test plugs and filling connectors are widely used as time-saving, cost-effective tools for instantly connecting vacuum and pressure lines to tubing for pressure testing, vacuum, charging and other applications requiring a quick, leak-free connection.

■ Air conditioners, vending equipment, ice machines, gas stoves, fireplaces, pumps, compressors, valves, gas tanks, oil systems, beverage dispensers, refrigerators, engine blocks, mufflers...

Customized Couplings



Eaton continues the tradition of developing custom quick disconnect couplings for customers that need a product to perform above and beyond industry standards. Whether it is a custom coupling for the world's most powerful and sophisticated super computers that use electronic cooling or a self contained breathing apparatus coupling for first responders, Eaton has the ability to work directly with you on a solution. Contact Eaton to see how our dedicated and experienced design engineering team will work with you to develop a quick disconnect coupling solution.

美国Eaton_Hansen快速接头代理商

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