

Quick Disconnect Couplings & Valves For:



- **Chemical**
- **Petrochemical**
- **Pharmaceutical**
- **Food Processing**
- **Electronics**



★ *Snap-Tite*

71 Series - Drybreak, Flush Face Couplings



Style	Double Shut-off
ISO Interchange	None
Max. Working Pressure	10,000 psi (690 bar)
Sizes Available	1/8" through 2" nominal diameter
Material	316 Stainless Steel or ⁽¹⁾ Exotic Alloy
Features	<ul style="list-style-type: none"> • Flat-face design simplifies contaminant inspection and cleaning • Flush Valve virtually eliminates fluid loss and air inclusion • Wide Variety of specialty seal options available • Sleeve-Lock option prevents accidental disconnection

25 Series - Poppet Style, Chemical Couplings



Style	Double Shut-off or Straight-Through combination
ISO Interchange	None
Max. Working Pressure	1,000 psi (69 bar)
Sizes Available	1/4" through 1/2" nominal diameter
Material	316 Stainless Steel or ⁽¹⁾ Exotic Alloy
Features	<ul style="list-style-type: none"> • Designed for difficult or aggressive media • Teflon Seals are standard • Tubular barrel valve design enhances flow rate • Sleeve-Lock option prevents accidental disconnection

K Series - Poppet Style, Cryogenic Couplings



Style	Double Shut-off or Straight-Through combination
ISO Interchange	None
Max. Working Pressure	1,000 psi (69 bar)
Sizes Available	3/8" through 2" nominal diameter
Material	316 Stainless Steel or ⁽¹⁾ Exotic Alloy
Features	<ul style="list-style-type: none"> • Cryogenic operation to -400°F/-240°C • Designed for difficult or aggressive media • Teflon or Kel F Seals are standard options • Sleeve-Lock option prevents accidental disconnection

28-1 Series - Drybreak, Low Pressure-Low Profile Couplings



Style	Double Shut-off
ISO Interchange	None
Max. Working Pressure	1,000 psi (69 bar)
Sizes Available	1/4" through 2" nominal diameter
Material	316 Stainless Steel, Aluminum
Features	<ul style="list-style-type: none"> • Recessed coupling face eases hidden connections • Lightweight, Low-profile design • Flush Valve virtually eliminates fluid loss and air inclusion • Wide variety of specialty seal options available • Color coded positive connection indicator

(1) - Specialty wetted metal parts such as Inconel, Hastelloy™, and others can be made available. Please consult factory.

- Specialty Seal options are available. See last page of brochure for chart.

- All couplings shown can be indexed (key'd) (max 6 based on size) to prevent mixing/contamination.

Poppet Style, General Purpose Couplings - H Series

Style	Double, Single Shut-off or Straight-Through combination
ISO Interchange	None
Max. Working Pressure	10,000 psi (690 bar)
Sizes Available	1/4" through 6" nominal diameter
Material	316 Stainless Steel, Aluminum, or ⁽¹⁾ Exotic Alloy
Features	<ul style="list-style-type: none"> • Optional Break-away design available • Two-piece construction expands end fitting selection • Smooth jet stream valve design lowers pressure drop • Wide variety of specialty seal options available • Sleeve-lock option prevents accidental disconnection



Poppet Style, Vacuum and Steam Couplings - E-EA Series

Style	Double, Single Shut-off or Straight-Through combination
ISO Interchange	None
Max. Working Pressure	3,000 psi (207 bar)
Sizes Available	1/4" through 4" nominal diameter
Material	316 Stainless Steel, Aluminum, or ⁽¹⁾ Exotic Alloy
Features	<ul style="list-style-type: none"> • Designed for hard vacuums down to 29.72" Hg • Excellent high temperature sealing • Two-piece construction expands end fitting selection • Wide variety of specialty seal options available • Sleeve-lock option prevents accidental disconnection



Poppet Style, ISO-B Interchange Couplings - 72 Series

Style	Double Shut-off or Straight-Through combination
ISO Interchange	ISO 7241-1 Series B (ISO B)
Max. Working Pressure	5,500 psi (380 bar)
Sizes Available	1/8" through 1" nominal diameter
Material	303 or 316 Stainless Steel or ⁽¹⁾ Exotic Alloy
Features	<ul style="list-style-type: none"> • Meets or exceeds ISO 7241-1 Series B standards • Proven ball-lock mechanism for positive connection • Wide variety of specialty seal options available • Sleeve-lock option prevents accidental disconnection



Poppet Style, Thread-to-Connect Couplings - 75 Series

Style	Double Shut-off or Straight-Through combination
ISO Interchange	None
Max. Working Pressure	1,650 psi (114 bar)
Sizes Available	3/4" through 4" nominal diameter
Material	316 Stainless Steel or ⁽¹⁾ Exotic Alloy
Features	<ul style="list-style-type: none"> • High flow chemical transfer coupling • Acme thread-to-connect design for heavy duty service • Connects under static pressure up to 1,650 psi/114 bar • Low pressure drop keeps flow rates high



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 - Specialty Seal options are available. See last page of brochure for chart.
 - All couplings shown can be indexed (key'd) (max 6 based on size) to prevent mixing/contamination.

78 Series - Drybreak, Screw-to-Connect Couplings



Style	Double shut-off
ISO Interchange	None
Max. Working Pressure	3,000 psi (207 bar)
Sizes Available	3/4" through 1-1/2" nominal diameter
Material	316 Stainless Steel
Features	<ul style="list-style-type: none"> • Interchange compatible thread-to-connect design • Connects under static pressure up to 3,000 psi (207 bar) • Bulkhead mountable nipple option available

6C & 3C Series - Inline Check Valves



Style	Soft seat, zero leakage, poppet style
Safety Factor	4:1
Max. Working Pressure	6,000 psi (414 bar)
Sizes Available	1/4" through 2" nominal diameter
Material	316 Stainless Steel or ⁽¹⁾ Exotic Alloy
Features	<ul style="list-style-type: none"> • Two-piece construction expands end fitting selection • Various crack pressures available • Flow rates to 175 gpm/662 lpm

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- Specialty Seal options are available. See last page of brochure for chart.

- All couplings shown can be indexed (key'd) (max 6 based on size) to prevent mixing/contamination.

Seal Availability

Seal Compound	71 Series	25 Series	K Series	2&1 Series	H Series	E-EA Series	72 Series	75 Series	78 Series	6C/3C Series
Buna N™ (-40° to 200°F/-40° to 93°C)	●			●	●	●	●	●	●	●
Ethylene Propylene (EPDM) (-65° to 300°F/-55° to 150°C)	●			●	●	●	●	●	●	●
Viton™ (-15° to 400°F/-10° to 205°C)	●			●	●	●	●	●	●	●
Teflon™ (-100° to 400°F/-75° to 205°C)		●	●							●
Kel-F™ (-400° to 400°F/-240° to 205°C)		●	●							
Kalrez™ (-4° to 500°F/-20° to 260°C)	●			●	●	●	●	●	●	●
Chemraz™ (-4° to 500°F/-20° to 260°C)	●			●	●	●	●	●	●	●

Notes:

- Wide variety of additional seal materials available. Chart provided for reference only.
- Coupling selection must assure compatibility of body and seal materials with the fluid media. Contact factory with any questions concerning specific product application needs.
- Ethylene Propylene (EPDM) is not compatible with mineral based oils/solvents.

! WARNING !

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

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