

# **Quick Disconnect Couplings & Valves For:**



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



☆ **Snap-Tite**

## 71 Series - Drybreak, Flush Face Couplings



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

## 25 Series - Poppet Style, Chemical Couplings



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

## K Series - Poppet Style, Cryogenic Couplings



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

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



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

(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**

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



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

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



## Poppet Style, ISO-B Interchange Couplings - **72 Series**

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



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

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



(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.

## 78 Series - Drybreak, Screw-to-Connect Couplings



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

## 6C & 3C Series - Inline Check Valves



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

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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	28-1 Series	H Series	E-EA Series	72 Series	75 Series	78 Series	6C/3C Series
<b>Buna N™</b> (-40° to 200°F/-40° to 93°C)		●			●	●	●	●	●	●	●
<b>Ethylene Propylene (EPDM)</b> (-65° to 300°F/-55° to 150°C)		●			●	●	●	●	●	●	●
<b>Viton™</b> (-15° to 400°F/-10° to 205°C)		●			●	●	●	●	●	●	●
<b>PTFE</b> (-100° to 400°F/-75° to 205°C)			●	●							●
<b>Kel-F™</b> (-400° to 400°F/-240° to 205°C)			●	●							
<b>Kalrez™</b> (-4° to 500°F/-20° to 260°C)		●			●	●	●	●	●		●
<b>Chemraz™</b> (-4° to 500°F/-20° to 260°C)		●			●	●	●	●	●		●

#### Notes:

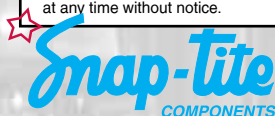
- Wide variety of additional seal materials available. Chart provided for reference only.
- Coupling selection must assure compatibility of body and seal materials with the fluid media. Contact factory with any questions concerning specific product application needs.
- Ethylene Propylene (EPDM) is not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

#### ! WARNING !

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