The Right Connection®

CNG-Series

Quick Disconnect Couplings

Applications
- Used to facilitate the large volume transfer of high-pressure compressed natural gas (CNG) for applications such as virtual CNG pipelines, mining, oil exploration, well site development, and remote location natural gas delivery

Size
- 1”

Features
- Meets CNG service requirements
- Improved body and valve design provides a 30% increased flow performance over standard ISO-B designs
- Latch mechanism provides brinelling resistance
- Locking sleeve design prevents accidental disconnection
- FKM seals are standard, providing a temperature range of **-65°F** to **400°F (-54°C** to **204°C)**
- Coupler has redundant O-ring sealing system with PTFE back-up ring
- Captured valve O-ring for reliability in high-flow conditions
- CNG plugs supplied with combination dust cap/plug
- Non-sparking material
- CRN number 0A24883.2C

Material
- 303 stainless steel

Specifications
- Designed to ISO7241-B Series profile
- **5,000 PSI** maximum working pressure

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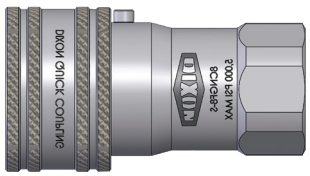
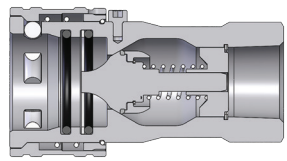
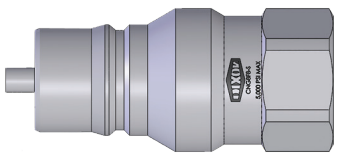
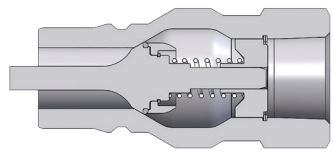
The Right Connection®



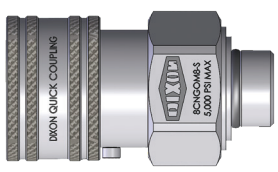


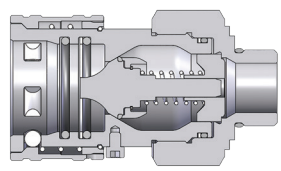
Body Size	CNG-Series Compressed Natural Gas Coupler (Female Threads)							
	Part Detail			Length		Maximum O.D.		Hex Inch
	Part #	Threads	Material	Inch	mm	Inch	mm	
1”	8CNGF8-S	1” – 11-1/2 NPTF	303 SS	4.30	109.22	2.53	64.26	1-7/8"



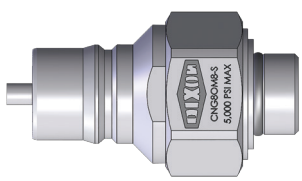


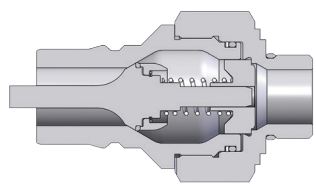
Body Size	CNG-Series Compressed Natural Gas Plug (Female Threads)							
	Part Detail			Length		Maximum O.D.		Hex Inch
	Part #	Threads	Material	Inch	mm	Inch	mm	
1”	CNG8F8-S	1” – 11-1/2 NPTF	303 SS	4.72	119.88	2.06	52.32	1-7/8”





Body Size	CNG-Series Compressed Natural Gas Coupler (Male Threads)							
	Part Detail			Length		Maximum O.D.		Hex Inch
	Part #	Threads	Material	Inch	mm	Inch	mm	
1”	8CNGOM8-S	1-5/16"-12 ORB	303 SS	4.49	119.4	2.65	67.6	2-3/8"





Body Size	CNG-Series Compressed Natural Gas Plug (Male Threads)							
	Part Detail			Length		Maximum O.D.		Hex Inch
	Part #	Threads	Material	Inch	mm	Inch	mm	
1”	CNG8OM8-S	1-5/16” – 12 ORB	303 SS	4.70	119.38	2.66	67.57	2-3/8"

CNG-Series Seal and Repair Kits

Body Size	Part #	Coupler Material	Seal Material	Repair Kit Contents (For one coupler or plug)
1"	8CNG-SKIT-V2	303 SS	FKM	back-up ring, body O-Rings
	8CNG-SRKIT-V2	303 SS	FKM	socket valve assembly, retaining ring, valve spring, valve guide, and all required O-Rings
	CNG8-SRKIT-V2	303 SS	FKM	socket valve assembly, retaining ring, valve spring, valve guide, and all required O-Rings

NOTE: Contact Dixon for repair kits for original version 1 design.

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