

# Coreworks Quick Disconnect Series


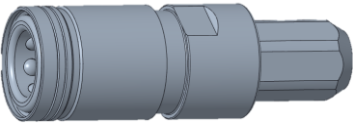


**Coreworks**<sup>™</sup>

A Flex Company

# Coreworks Quick Disconnect

## TSC6 Series

	TSC6-P0222	QD connector, TSC6 plug, thread G1/4	<a href="#">Data Sheet</a>
	TSC6-S0222	QD connector, TSC6 Socket for PTFE hose	<a href="#">Data Sheet</a>

### High-Flow Quick Disconnects for Manifold Integration

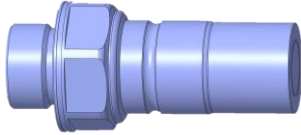
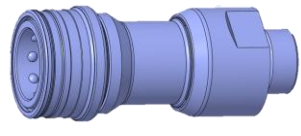
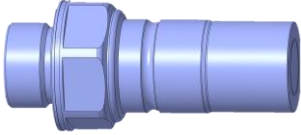
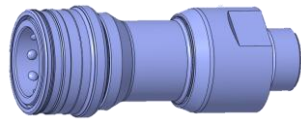
#### TSC Series

Designed for manifold-to-pipeline connections, our quick disconnect fittings use double ball valve interlocking to ensure secure, low-resistance flow in single server cabinet deployments.

With strong flow capacity and reliable sealing, they're ideal for scalable liquid cooling systems.

# Coreworks Quick Disconnect

## TSCH20 Series

	TSCH20-P0222R	QD connector, TSCH20 <b>plug</b> , thread G1, <b>red</b>	<a href="#">Data Sheet</a>
	TSCH20-S0222R	QD connector, TSCH20 <b>socket</b> , thread G1, <b>red</b>	<a href="#">Data Sheet</a>
	TSCH20-P0222B	QD connector, TSCH20 <b>plug</b> , thread G1, <b>blue</b>	<a href="#">Data Sheet</a>
	TSCH20-S0222B	QD connector, TSCH20 <b>socket</b> , thread G1, <b>blue</b>	<a href="#">Data Sheet</a>

### High-Flow Quick Disconnects for Manifold Integration

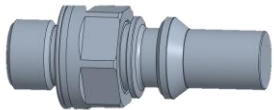

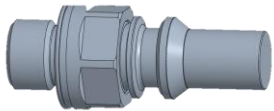

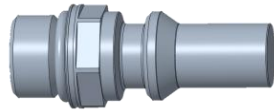
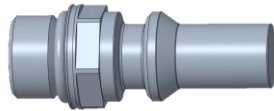
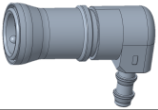
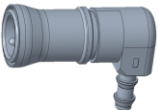
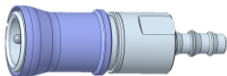
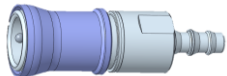
#### TSCH Series

Designed for manifold-to-pipeline connections, our quick disconnect fittings use double ball valve interlocking to ensure secure, low-resistance flow in single server cabinet deployments.

With strong flow capacity and reliable sealing, they're ideal for scalable liquid cooling systems.

# Coreworks Quick Disconnect

## UQD04 Series

	UQD04-P0521R	QD connector, UQD04 <b>plug</b> , thread G1/4, <b>red</b>	<a href="#">Data Sheet</a>
	UQD04-S0321R	QD connector, UQD04 <b>socket</b> , thread G1/4, <b>red</b>	<a href="#">Data Sheet</a>
	UQD04-P0521B	QD connector, UQD04 <b>plug</b> , thread G1/4, <b>blue</b>	<a href="#">Data Sheet</a>
	UQD04-S0321B	QD connector, UQD04 <b>socket</b> , thread G1/4, <b>blue</b>	<a href="#">Data Sheet</a>
	UQD04-P0421R	QD connector, UQD04 <b>plug</b> , thread 9/16-18, <b>red</b>	<a href="#">Data Sheet</a>
	UQD04-P0421B	QD connector, UQD04 <b>plug</b> , thread 9/16-18, <b>blue</b>	<a href="#">Data Sheet</a>
	UQD04-S3721R	QD connector, UQD04 Socket <b>with right angle</b> barb for 1/4" hose, <b>red</b>	<a href="#">Data Sheet</a>
	UQD04-S3721B	QD connector, UQD04 Socket <b>with right angle</b> barb for 1/4" hose, <b>blue</b>	<a href="#">Data Sheet</a>
	UQD04-S2021R	QD connector, UQD04 Socket with barb for 1/4" hose, <b>red</b>	<a href="#">Data Sheet</a>
	UQD04-S2021B	QD connector, UQD04 Socket with barb for 1/4" hose, <b>blue</b>	<a href="#">Data Sheet</a>

### Reliable Quick Disconnect Couplings

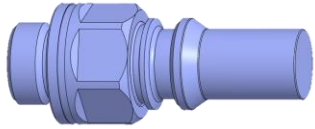
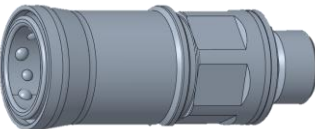
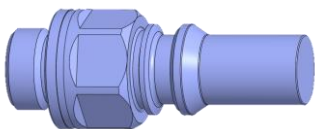
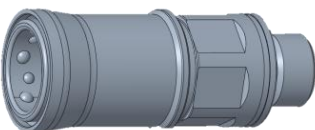
#### UQD Series

Optimize your liquid cooling setup with our quick disconnect manifold fittings, engineered for fast, secure connections and leak-free performance.

Featuring bidirectional self-sealing and steel ball locking, these connectors support scalable deployments in server nodes and racks.

# Coreworks Quick Disconnect

## UQD06 Series

	UQD06-P2121R	QD connector, UQD06 <b>plug</b> , thread G3/8, <b>red</b>	<a href="#">Data Sheet</a>
	UQD06-S0721R	QD connector, UQD06 <b>socket</b> , thread G3/8, <b>red</b> color	<a href="#">Data Sheet</a>
	UQD06-P2121B	QD connector, UQD06 <b>plug</b> , thread G3/8, <b>blue</b> color	<a href="#">Data Sheet</a>
	UQD06-S0721B	QD connector, UQD06 <b>socket</b> , thread G3/8, <b>blue</b> color	<a href="#">Data Sheet</a>

### Reliable Quick Disconnect Couplings

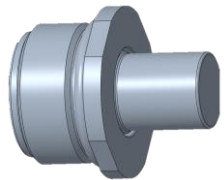
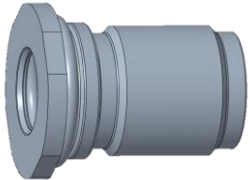
#### UQD Series

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Featuring bidirectional self-sealing and steel ball locking, these connectors support scalable deployments in server nodes and racks.

# Coreworks Quick Disconnect

## TSF2 Series

	TSF2-P0312	QD connector, TSF2 <b>plug</b> , Thread M11	<a href="#">Data Sheet</a>
	TSF2-S0212	QD connector, TSF2 <b>socket</b> , Thread M10	<a href="#">Data Sheet</a>

### Quick Disconnects for High-Density Liquid Cooling

#### TSF Series

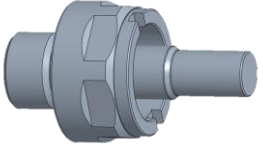
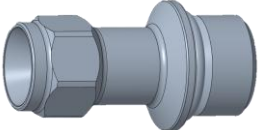
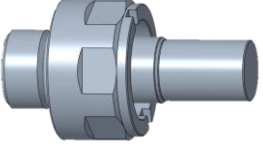
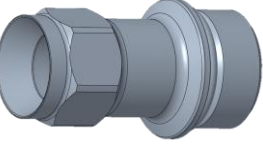
Our quick disconnect fittings are engineered for fast, leak-free connections in high-performance liquid cooling environments.

Featuring steel ball locking and bidirectional self-sealing mechanisms, they simplify maintenance and reduce downtime across rack and row deployments.

These quick disconnect couplings integrate seamlessly with our manifold systems for reliable operation.

# Coreworks Quick Disconnect

## UQDB02 and UQDB04

	UQDB02-P0121	QD connector, UQDB02 <b>plug</b> , thread <b>7/16-20</b>	<a href="#">Data Sheet</a>
	UQDB02-S0121	QD connector, UQDB02 <b>socket</b> , thread <b>9/16-18</b>	<a href="#">Data Sheet</a>
	UQDB04-P0121	QD connector, UQDB04 <b>plug</b> , thread <b>9/16-18</b>	<a href="#">Data Sheet</a>
	UQDB04-S0121	QD connector, UQDB04 <b>socket</b> , thread <b>3/4-16</b>	<a href="#">Data Sheet</a>

### Blind Mate Quick Disconnects

#### UQDB Series

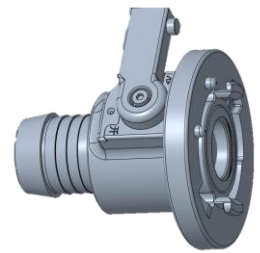
Designed for flexibility and speed, our quick disconnect manifold connectors support a wide range of cooling configurations.

With bidirectional sealing they ensure secure coolant flow and easy servicing.

Ideal for use with liquid cooling manifolds for data centers, they help streamline installation and system expansion.

# Coreworks Quick Disconnect

## TSZC20 Series



TSZC20-P0121

Ball Valve, TSZC20 plug for 1" rubber hose

[Data Sheet](#)

### Secure Quick-Release Fittings

#### TSZC20 Series

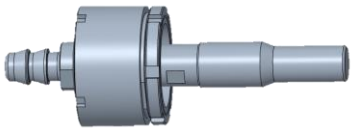
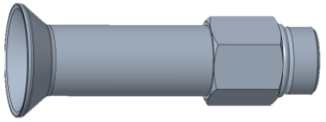
Our quick-release manifold fittings feature double ball valve interlocking for enhanced flow control and leak prevention.

Built to withstand demanding conditions, these connectors offer dependable performance in direct liquid cooling manifold setups.

Whether you're deploying in-rack or in-row, our QD manifold fittings deliver speed, safety, and scalability.

# Coreworks Quick Disconnect

## BMQC6 Series

	BMQC6-P0121	QD connector, BMQC plug with barb fitting	<a href="#">Data Sheet</a>
	BMQC6-S0121	QD connector, BMQC socket, thread 3/4-16	<a href="#">Data Sheet</a>

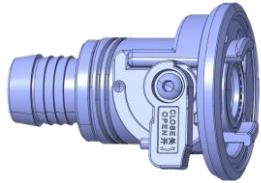
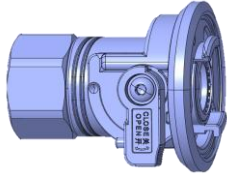
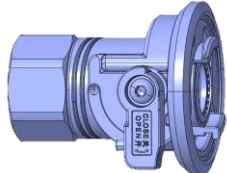
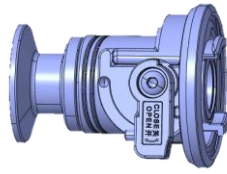
### Blind Mate Quick Disconnect Connectors Plug and Socket

#### BMQC Series

Designed for durability, the BMQC Series plug and socket connectors deliver reliable floating mating performance in demanding environments.

# Coreworks Quick Disconnect

## Ball Valve 1"

	J01-BLV001S0	Ball valve 1" plug mated with 1" hose	<a href="#">Data Sheet</a>
	J01-BLV002S0	Ball valve 1" plug with BSPP G1" female thread	<a href="#">Data Sheet</a>
	J01-BLV003S0	Ball valve 1" plug with NPT 1" female thread	<a href="#">Data Sheet</a>
	J01-BLV004S0	Ball valve 1" plug with sanitary flange	<a href="#">Data Sheet</a>

### Ball Valve 1"

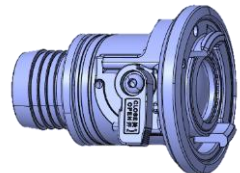
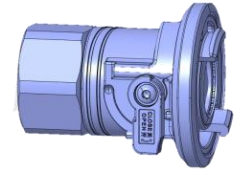
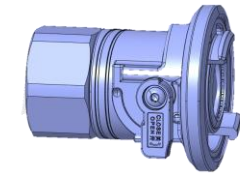
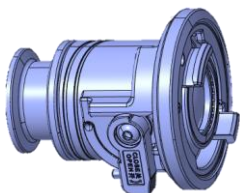
Designed for fast, flexible installation with a uniform locking interface and radial rotation.

Its built-in safety mechanism allows fluid flow only when fully connected and blocks disconnection until both valves are closed.

A spherical valve ensures optimal flow with minimal pressure drop, and the stainless-steel housing offers corrosion resistance for long-term reliability.

# Coreworks Quick Disconnect

## Ball Valve 1.5"

	J01-BLV005S0	Ball valve 1-1/2" plug mated with 1-1/2" hose	<a href="#">Data Sheet</a>
	J01-BLV006S0	Ball valve 1-1/2" plug with BSPP 1-1/2" female thread	<a href="#">Data Sheet</a>
	J01-BLV007S0	Ball valve 1-1/2" plug with NPT 1-1/2" female thread	<a href="#">Data Sheet</a>
	J01-BLV008S0	Ball valve 1-1/2" plug with sanitary flange	<a href="#">Data Sheet</a>

### Ball Valve 1.5"

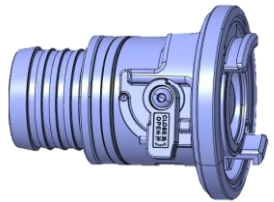
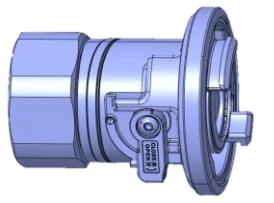
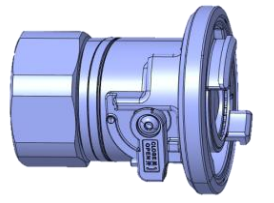
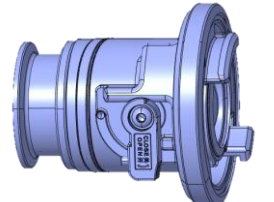
Designed for fast, flexible installation with a uniform locking interface and radial rotation.

Its built-in safety mechanism allows fluid flow only when fully connected and blocks disconnection until both valves are closed.

A spherical valve ensures optimal flow with minimal pressure drop, and the stainless-steel housing offers corrosion resistance for long-term reliability.

# Coreworks Quick Disconnect

## Ball Valve 2"

	J01-BLV009S0	Ball valve 2" plug mated with 2" hose	<a href="#">Data Sheet</a>
	J01-BLV010S0	Ball valve 2" plug with BSPP G2" female thread	<a href="#">Data Sheet</a>
	J01-BLV011S0	Ball valve 2" plug with NPT 2" female thread	<a href="#">Data Sheet</a>
	J01-BLV012S0	Ball valve 2" plug with sanitary flange	<a href="#">Data Sheet</a>

### Ball Valve 2"

Designed for fast, flexible installation with a uniform locking interface and radial rotation.

Its built-in safety mechanism allows fluid flow only when fully connected and blocks disconnection until both valves are closed.

A spherical valve ensures optimal flow with minimal pressure drop, and the stainless-steel housing offers corrosion resistance for long-term reliability.

Please contact Coreworks  
Business Development Team  
for customer and sales support

[flexcoreworks.com](https://flexcoreworks.com)



**Coreworks**<sup>™</sup>

A Flex Company