



Max. Working Pressure

150 psi / 10.3 bar

Working Temperature

0° C to 70° C (Extended temperature range is possible, contact Parker for more information.)

Material

Socket: Stainless Steel
Plug: Stainless Steel and Zinc Plated Steel
Seals: EPDM

Connect Force

UQDB02: 0 psi=8 lbs; 14 psi=9 lbs; 100 psi=13 lbs
 UQDB04: 0 psi=14 lbs; 14 psi=16 lbs; 100 psi=29 lbs
 UQDB06: Coming Soon
 UQDB05: Coming Soon

CV Values

	Plug-Socket	Socket-Plug
UQD02:	0.32	0.31
UQD04:	1.18	1.09
UQD06:	2.45	2.26
UQD08:	4.73	4.33

Spillage/Air Inclusion

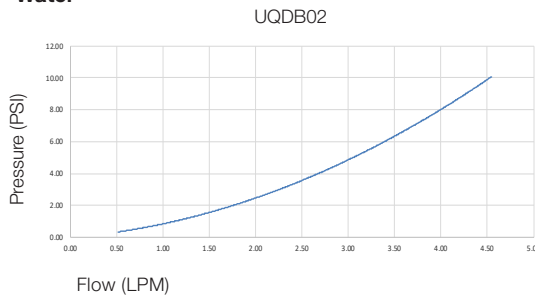
UQDB02: .003mL / .013mL
 UQDB04: .005mL / .08mL
 UQDB06: Coming Soon
 UQDB05: Coming Soon

Technical Description

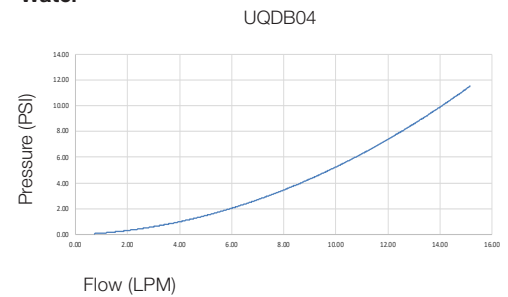
Universal Quick Disconnect Blind Mate (UQDB) based on an Intel inspired open specification. Developed in collaboration with Intel Corporation.

Flow diagrams

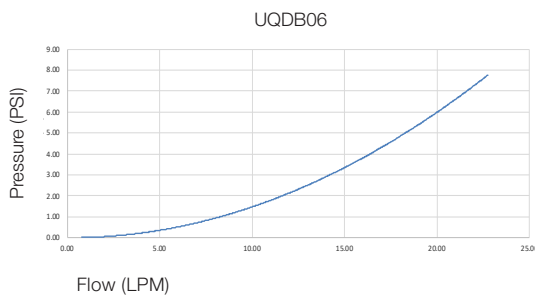
Water



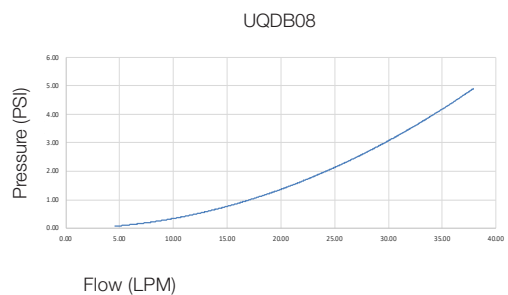
Water



Water



Water



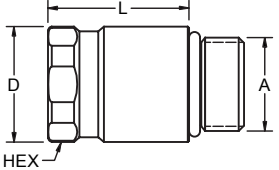
Advantages

- Fully interchangeable with other Intel-approved UQDB suppliers
- No spillage during connection/disconnection
- Low pressure drop
- Advanced internal design for cooling applications
- Excellent resistance to vibrations and mechanical stresses



Sockets

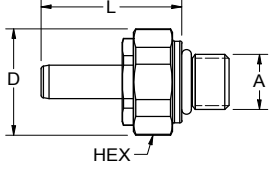
Series UQDB

	Size	Connection A	HEX mm	L mm	D mm	Part Number
	02in	9/16-18 UNF-2A	17	23.6	18	UQDB-121-6MO
	04in	3/4-16 UNF-2A	23.8	28.5	24.7	UQDB-251-8MO
	06in	7/8-14 UNF-2A	27	31.8	28.3	UQDB-371-10MO
	08in	1 1/16-12 UN-2A	28	35.5	31.2	UQDB-501-12MO



Plugs

Series UQDB

	Size	Connection A	HEX mm	L mm	D mm	Part Number
	02in	7/16-20 UNF-2A	20	27	21.2	UQDB-122-4MO
	04in	9/16-18 UNF-2A	24	35.4	25.3	UQDB-252-6MO
	06in	3/4-16 UNF-2A	27	38.9	28.3	UQDB-372-8MO
	08in	7/8-14 UNF-2A	28	42.9	31.2	UQDB-502-10MO