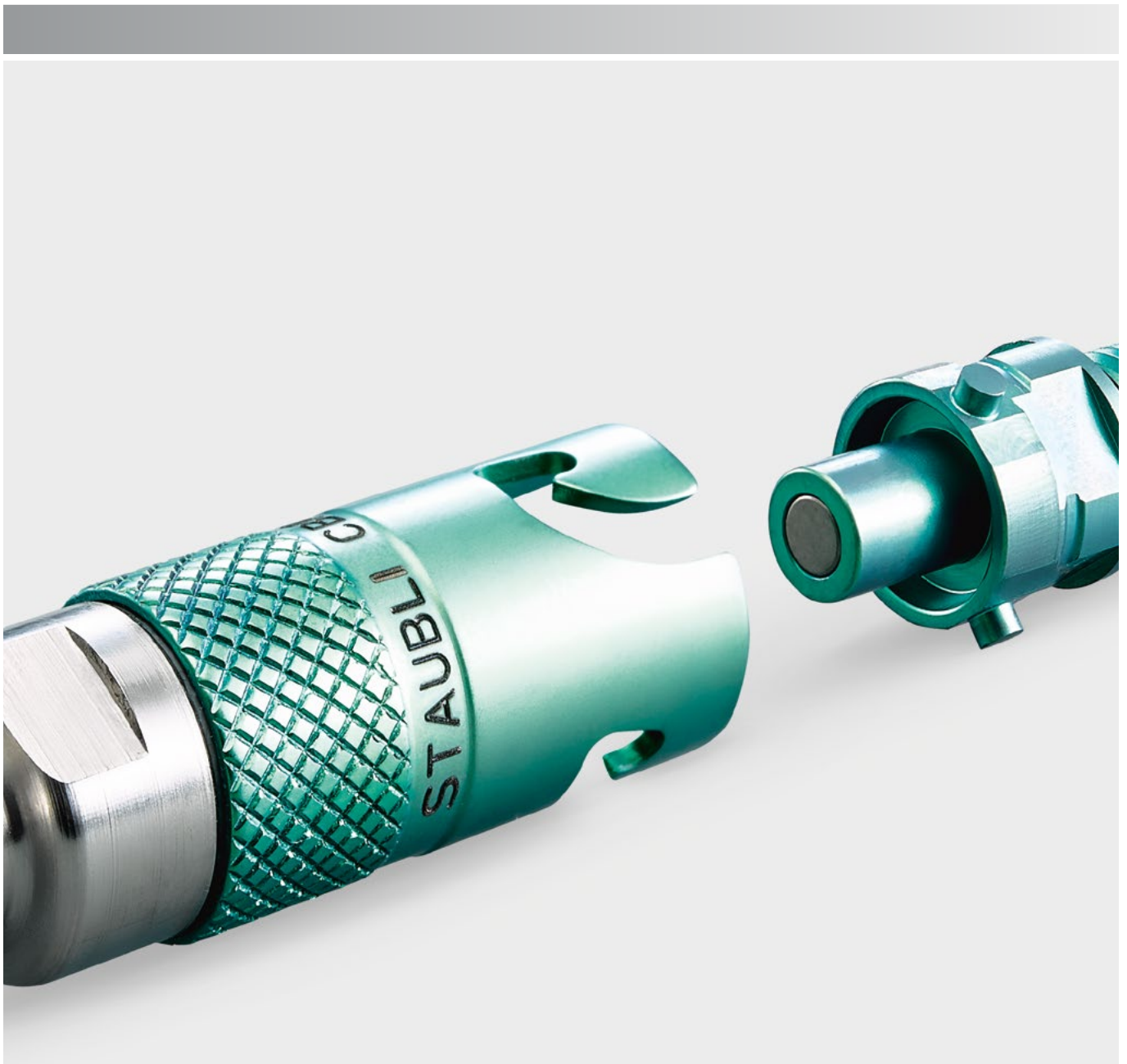


FAST MOVING TECHNOLOGY

STÄUBLI

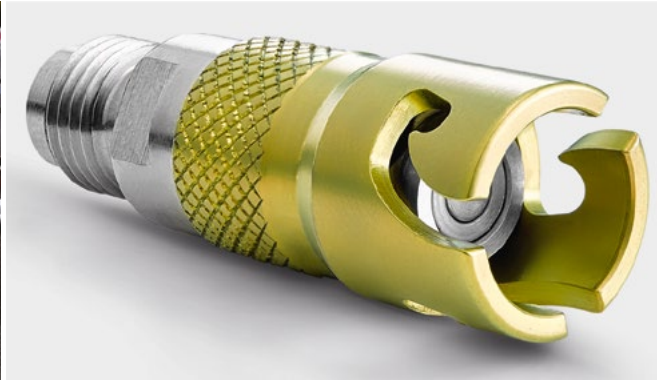
Quick coupling CBR 02

High pressure | Motorsports





Discover Stäubli solutions for motorsport applications at:
www.staubli-motorsport.com



Bayonet locking



Flush face design

Advanced technology for motorsports

Compact design

The CBR 02 features a very compact and lightweight design.

Proven reliability

Secure bayonet locking system to resist the strong mechanical forces experienced during race conditions.

Clean-break, non-spill design

The clean-break, non-spill design prevents any spillage while connecting or disconnecting. This eliminates the need to purge the systems and permits the use of pre-bled components.

Bayonet locking system

- Quick and easy: to connect, just push and twist
- Durable and reliable

High pressure resistance

Titanium construction ensures that the CBR 02 is suitable for high pressure applications up to 300 Bar.

Applications

- Hydraulic line connections
- Brake line connections
- Bleed of hydraulic lines
- Bleed of brake lines and calipers, and clutch circuits
- Nitrogen recharging of dampers



The opportunity to spend less and contribute to a sustainable development programme

With Stäubli, you can rely on:

- the performance of your equipment
- reliability of long-term investments

TECHNICAL CHARACTERISTICS

Maximum pressure PS (bar)	300
Version with copper washer sealing (bar)	120
Shut-off	double

Weight	
Socket DASH 2	10.9 g
Socket DASH 3	11.8 g
Plug UNF 5/16 - 24"	3.8 g
Plug UNF 3/8 - 24"	4.8 g
Plug M 10 x 1	5.3 g
Plug M 8 x 1	3.8 g
Plug DASH 2 and DASH 3	6.7 g
Cap	3.5 g

Construction

Plug:

- Titanium: ■ Green
■ Blue
■ Yellow (keyed version)
- Stainless steel IB

Socket:

- Titanium: ■ Green
■ Blue
■ Yellow (keyed version)

Plug caps:

- Titanium: ■ Green
■ Blue
■ Yellow (keyed version)
- Stainless steel IB

Seals:

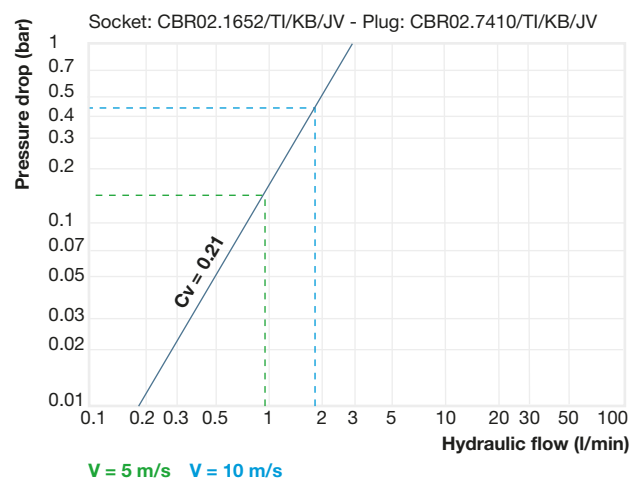
- Fluorocarbon **(JV)**
- Ethylene-propylene **(JE)**
- Perfluoroelastomer **(JK)**

Bonded seals available:

To allow 10m/s fluid velocity

- Fluorocarbon **(JVA)**
- Ethylene-propylene **(JEA)**

Hydraulic charts flow rate / pressure drop

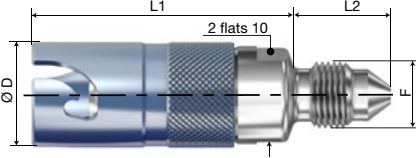
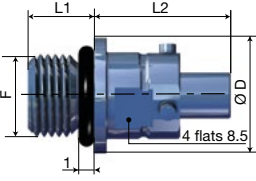


Test conditions:

- Flow direction: in both directions
- Water
- Density: 0.998 g/cc
- Viscosity: 1.08 cSt r



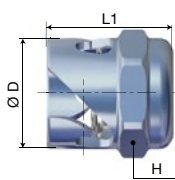
PART-NUMBERS

	Threads F	Dimensions (mm)			Seals	Part-Numbers
		Ø D	L1	L2		
Socket 	UNF 5/16-24" JIC DASH 2	12.5	31.2	11.5	JV	CBR 02.1651/TI/KB/JV
					JE	CBR 02.1651/TI/KV/JV
		13.5	31.2	11.5	JV	CBR 02.1651/TI/KB/JE
					JE	CBR 02.1651/TI/KV/JE
	UNF 3/8-24" JIC DASH 3	12.5	31.2	12.2	JV	CBR 02.1651/TI/KJ/0/JV
					JE	CBR 02.1651/TI/KJ/0/JE
		13.5	31.2	12.2	JV	CBR 02.1652/TI/KB/JV
					JE	CBR 02.1652/TI/KV/JV
		12.5	31.2	12.2	JV	CBR 02.1652/TI/KB/JE
					JE	CBR 02.1652/TI/KV/JE
Plug with rubber seal 	UNF 5/16-24"	10.5	7.5	15	JV	CBR 02.1652/TI/KJ/0/JE
					JE	CBR 02.1652/TI/KJ/0/JE
					JK	CBR 02.1652/TI/KJ/0/JK
					JK	CBR 02.1652/TI/KJ/0/JK
					JK	CBR 02.1652/TI/KJ/0/JK
					JK	CBR 02.1652/TI/KJ/0/JK
					JK	CBR 02.1652/TI/KJ/0/JK
					JK	CBR 02.1652/TI/KJ/0/JK
	UNF 3/8-24"	12	7	16	JV	CBR 02.7408/TI/KB/JV/UN
					JE	CBR 02.7408/TI/KV/JV/UN
					JK	CBR 02.7408/TI/KJ/0/JV/UN
					JK	CBR 02.7408/TI/KB/JE/UN
					JK	CBR 02.7408/TI/KV/JE/UN
					JK	CBR 02.7408/TI/KJ/0/JE/UN
					JK	CBR 02.7408/TI/KB/JK/UN
					JK	CBR 02.7408/TI/KV/JK/UN
	M 8 x 1	10.5	7.5	15	JV	CBR 02.7408/TI/KJ/0/JK/UN
					JE	CBR 02.7409/TI/KB/JV/UN
					JK	CBR 02.7409/TI/KV/JV/UN
					JK	CBR 02.7409/TI/KJ/0/JV/UN
					JK	CBR 02.7409/TI/KB/JE/UN
					JK	CBR 02.7409/TI/KV/JE/UN
					JK	CBR 02.7409/TI/KJ/0/JE/UN
					JK	CBR 02.7409/TI/KB/JK/UN
		10.5	7.5	15	JK	CBR 02.7409/TI/KV/JK/UN
					JK	CBR 02.7409/TI/KJ/0/JK/UN
					JK	CBR 02.7408/TI/KB/JV
					JK	CBR 02.7408/TI/KV/JV
					JK	CBR 02.7408/TI/KJ/0/JV
					JK	CBR 02.7408/TI/KB/JE
					JK	CBR 02.7408/TI/KV/JE
					JK	CBR 02.7408/TI/KJ/0/JE

PART-NUMBERS

	Threads F	Dimensions (mm)			Seals	Part-Numbers
		Ø D	L1	L2		
Plug 	M 10 x 1	14	8	15.5	JV	CBR 02.7410/TI/KB/JV CBR 02.7410/TI/KV/JV
					JE	CBR 02.7410/TI/KB/JE CBR 02.7410/TI/KV/JE
					JK	CBR 02.7410/TI/KB/JK CBR 02.7410/TI/KV/JK
		15	8	15.5	JV	CBR 02.7410/TI/KJ/0/JV
					JE	CBR 02.7410/TI/KJ/0/JE
					JK	CBR 02.7410/TI/KJ/0/JK
Plug with copper seal 	M 10 x 1	14	8	16.5	JV	CBR 02.7410/TI/KB/JV/M CBR 02.7410/TI/KV/JV/M CBR02.7410/IB/JV/M
					JE	CBR 02.7410/TI/KB/JE/M CBR 02.7410/TI/KV/JE/M CBR 02.7410/IB/JE/M
					JK	CBR 02.7410/IB/JK/M
Plug for hose 	UNF 5/16-24" JIC DASH 2	12	11.5	21.7	JV	CBR 02.7651/TI/KB/JV CBR 02.7651/TI/KV/JV
					JE	CBR 02.7651/TI/KB/JE CBR 02.7651/TI/KV/JE
					JK	CBR 02.7651/TI/KB/JK CBR 02.7651/TI/KV/JK
	UNF 3/8-24" JIC DASH 3	12	12.2	19.7	JV	CBR 02.7652/TI/KB/JV CBR 02.7652/TI/KV/JV
					JE	CBR 02.7652/TI/KB/JE CBR 02.7652/TI/KV/JE
					JK	CBR 02.7652/TI/KB/JK CBR 02.7652/TI/KV/JK
Tight plug cap 	-	13	14.3	-	JV	CBR 02.8550/TI/KB/JV CBR 02.8550/TI/KV/JV CBR 02.8550/IB/JV
					JE	CBR 02.8550/TI/KB/JE CBR 02.8550/TI/KV/JE CBR 02.8550/IB/JE
					JK	CBR 02.8550/TI/KB/JK CBR 02.8550/TI/KV/JK CBR 02.8550/IB/JK

PART-NUMBERS

	Threads F	Dimensions (mm)			Seals	Part-Numbers
		Ø D	L1	H		
Hexagonal tight plug cap 	-	14.5	14.3	13	JV	 CBR 02.8550/TI/KB/JV/BH
						 CBR 02.8550/TI/KV/JV/BH
					JE	 CBR 02.8550/TI/KB/JE/BH
						 CBR 02.8550/TI/KV/JE/BH
					JK	 CBR 02.8550/TI/KB/JK/BH
						 CBR 02.8550/TI/KV/JK/BH
	-	15.5	14.3	14	JV	 CBR 02.8550/TI/0/KJ/JV/BH
					JE	 CBR 02.8550/TI/0/KJ/JE/BH
					JK	 CBR 02.8550/TI/0/KJ/JK/BH
Plug mounting tool 						CBR 02.9000
						S00969414 for /0 keyed version





■ Stäubli Units ○ Agents

Global presence of the Stäubli Group

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