

CONNECTORS   
THE CONNECTION SOLUTION

## COMPACT CLEAN-BREAK CBR 02

HIGH TECHNOLOGY FOR MOTORSPORT

- Very compact
- Very light
- Clean-break
- High pressure resistant

### APPLICATIONS

- Hydraulic lines connecting
- Brake lines connecting
- Bleed of hydraulic lines
- Bleed of break lines, calipers, clutches
- Nitrogen recharging of dampers

**STÄUBLI**

# COMPACT CLEAN-BREAK CBR 02

HIGH TECHNOLOGY FOR MOTORSPORT

## VERY COMPACT

- The CBR 02 features a **very compact and light weight design**.

## HIGH RELIABILITY

- High resistance locking system suitable for the strong mechanical forces during race conditions.

ONLY 0.134 oz



### ■ Clean-break, non-spill design

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

### ■ Bayonet locking system

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

### ■ High pressure resistant

- It's titanium construction gives the CBR 02 excellent resistance to high pressures.

### ■ Traçability

- Marking year/week.



# TECHNICAL CHARACTERISTICS

## WEIGHT

• socket DASH 2	0.384 oz
• socket DASH 3	0.416 oz
• plug UNF 5/16 - 24"	0.134 oz
• plug UNF 3/8 - 24"	0.169 oz
• plug M 10 x 1	0.187 oz
• plug M 8 x 1	0.134 oz
• plug DASH 2 and DASH 3	0.236 oz
• cap	0.123 oz

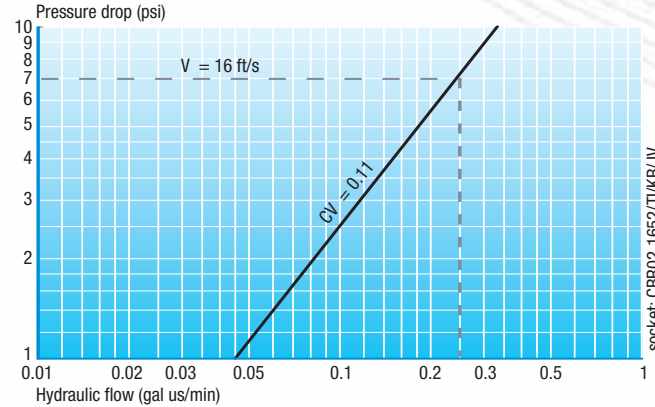
■ max. working pressure	4351 psi
■ version with copper seals	1450 psi
■ shut-off	double

## Construction

- plug: titanium (green or blue)
- socket: titanium with green or blue locking rings
- plug caps: green or blue titanium locking rings and stainless steel indicator
- seals in fluorocarbon (JV), ethylene-propylene (JE) or perfluoroelastomer (JK).



## Flow Charts



socket: CBR02.1652/TI/KB/JV  
plug: CBR02.7410/TI/KB/JV

## Test conditions:

- flow direction: in two flow directions
- viscosity: 13.4 cSt at 104° F
- hydraulic oil: INVAROL FJ13 (H515)
- density: 833 kg/m³ at 104° F

## CBR 02

	Threads F	Diameter D (mm)	L1 (mm)	L2 (mm)	Seals			Part Numbers		
					JV	JE	JK	blue colour KB	green colour KV	
<b>SOCKET</b> 	UNF 5/16-24" JIC DASH 2	0.492	1.24	0.453	•			CBR 02.1651/TI/KB/JV	CBR 02.1651/TI/KV/JV	
						•		CBR 02.1651/TI/KB/JE	CBR 02.1651/TI/KV/JE	
	UNF 3/8-24" JIC DASH 3	0.492	1.24	0.480	•			CBR 02.1652/TI/KB/JV	CBR 02.1652/TI/KV/JV	
							•		CBR 02.1652/TI/KB/JE	CBR 02.1652/TI/KV/JE
<b>PLUG</b> 	UNF 5/16-24"	0.413	0.295	0.591	•			CBR 02.7408/TI/KB/JV/UN	CBR 02.7408/TI/KV/JV/UN	
						•		CBR 02.7408/TI/KB/JE/UN	CBR 02.7408/TI/KV/JE/UN	
							•		CBR 02.7408/TI/KB/JK/UN	CBR 02.7408/TI/KV/JK/UN
	UNF 3/8-24"	0.472	0.276	0.630	•			CBR 02.7409/TI/KB/JV/UN	CBR 02.7409/TI/KV/JV/UN	
							•		CBR 02.7409/TI/KB/JE/UN	CBR 02.7409/TI/KV/JE/UN
							•		CBR 02.7409/TI/KB/JK/UN	CBR 02.7409/TI/KV/JK/UN
<b>PLUG WITH COPPER SEAL</b> 	M 10 X 1	0.551	0.315	0.650	•			CBR 02.7410/TI/KB/JV	CBR 02.7410/TI/KV/JV	
							•		CBR 02.7410/TI/KB/JE	CBR 02.7410/TI/KV/JE
								•	CBR 02.7410/TI/KB/JK	CBR 02.7410/TI/KV/JK
<b>PLUG FOR HOSE</b> 	UNF 5/16-24" JIC DASH 2	0.472	0.453	0.854	•			CBR 02.7651/TI/KB/JV	CBR 02.7651/TI/KV/JV	
						•		CBR 02.7651/TI/KB/JE	CBR 02.7651/TI/KV/JE	
							•		CBR 02.7651/TI/KB/JK	CBR 02.7651/TI/KV/JK
	UNF 3/8-24" JIC DASH 3	0.472	0.480	0.776	•			CBR 02.7652/TI/KB/JV	CBR 02.7652/TI/KV/JV	
							•		CBR 02.7652/TI/KB/JE	CBR 02.7652/TI/KV/JE
							•		CBR 02.7652/TI/KB/JK	CBR 02.7652/TI/KV/JK
<b>TIGHT PLUG CAP</b> 	-	0.492	0.563	-	•			CBR 02.8550/TI/KB/JV	CBR 02.8550/TI/KV/JV	
						•		CBR 02.8550/TI/KB/JE	CBR 02.8550/TI/KV/JE	
							•	CBR 02.8550/TI/KB/JK	CBR 02.8550/TI/KV/JK	

We reserve the right to make any changes or modifications to our products without prior notice.

■ KB code: blue color  
■ KV code: green color



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