

# BRH08 breakaway coupling

**Hydrogen Vehicles**



# Total protection of refueling line dedicated to hydrogen vehicles



Guarantee the safety of your installations and users



Improve your productivity



Optimize your costs

## How Stäubli BRH enhances your performance

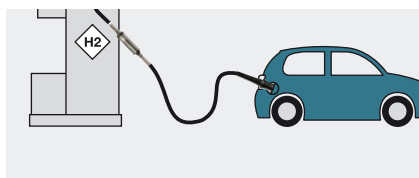
The breakaway system ensures immediate disconnection and automatic shut-off the circuit if the supply hose is pulled.

### Protection for the installation and its users

- Disconnection force specifically configured to prevent accidental disconnection and maintain the integrity of the dispenser and the vehicle
- Automatic shutt-off of the gas distribution circuit on disconnection: prevents gas being released into the atmosphere (dispenser side)
- Immediate disconnection irrespective of the pressure in the hose

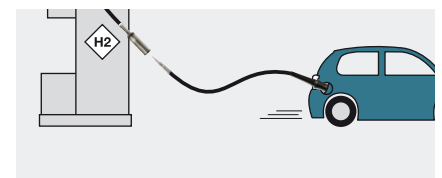
### Easy to install and use

- Compact design allowing easy integration on a dispenser
- Immediately reusable after reconnection with the dedicated resetting tool



### Efficiency

- No risk of accidental disconnection
- No prolonged stoppages of installations



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

With Stäubli, you can rely on the performance of your equipment and reliability of long-term investments

## Technical data

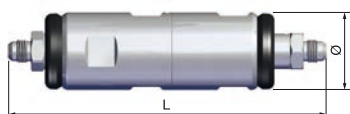
Nominal working pressure (NWP)	350 bar (5076 psi)
Maximum operating pressure (MOP)	437.5 bar (6345 psi)
Component pressure rating (PS)	482 bar (6991 psi)
Disconnection force in line (N)	between 225 and 665 at the full range of pressure and temperature
Possible number of disconnections at MOP	20
Minimum and maximum allowable temperatures (TS)	-40 and +85 °C (-40 and +185 °F)
Cv	0.98
Weight	1.7 kg

### Material

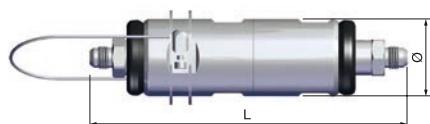
Stainless steel

## Part numbers

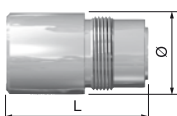
Function and thread	Fitting	Dimensions (mm)		Part numbers
		L	Ø	
<b>Male thread</b>	UNF9/16-18" JIC 37°	194	47.5	<b>N00932315</b>



<b>Male thread with mooring cable</b>	UNF9/16-18" JIC 37°	194	47.5	<b>100065847</b>
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<b>Reconnection tool</b>		81	47.5	<b>S00948615</b>
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● Stäubli Units    ○ Representatives/Agents

# Global presence of the Stäubli Group

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