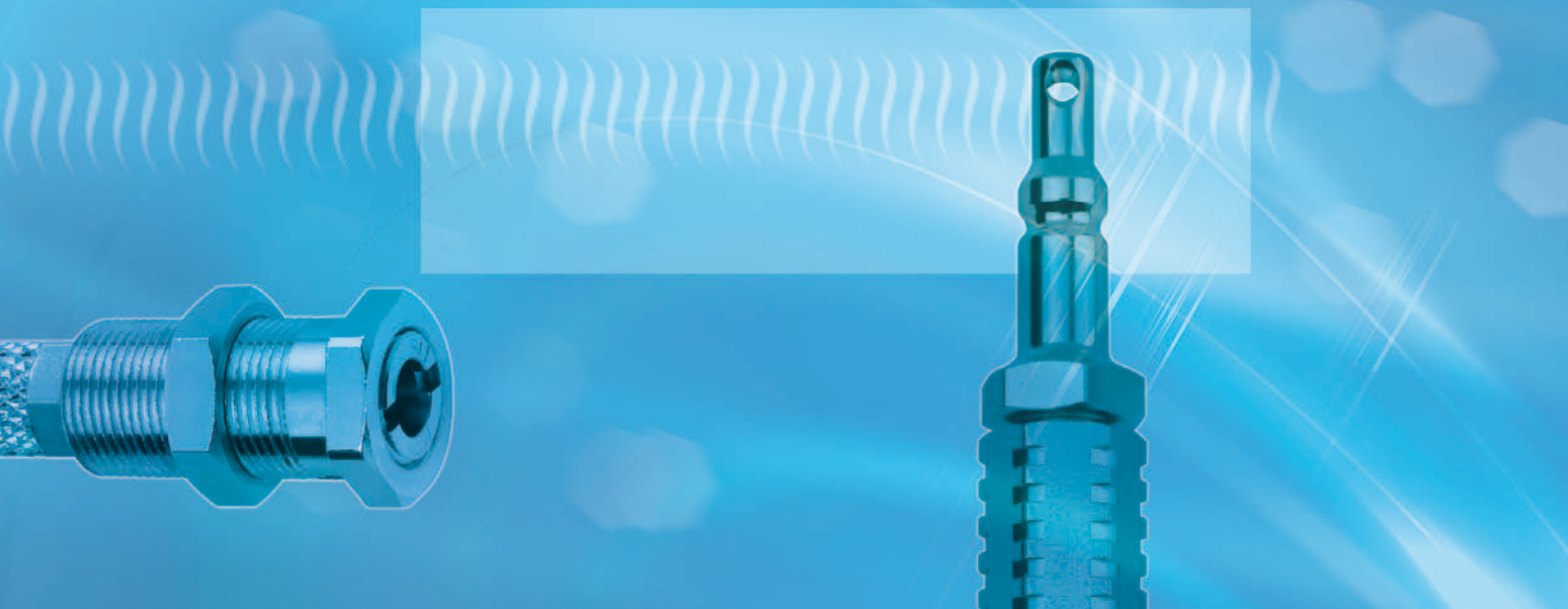


**MCR micro quick-release coupling**  
Compressed air

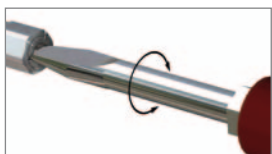




## Applications

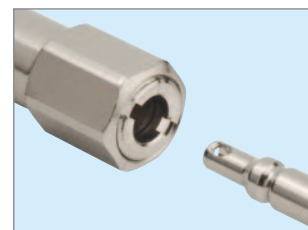
- Control circuits for simulators (pneumatic or fluid)
- Pneumatic control
- Small vacuum systems, dental equipment, inert gases.

The adjustment screw located on the coupling enables the tightening of the plug to be checked using a screwdriver.



## Ergonomic and automatic connection

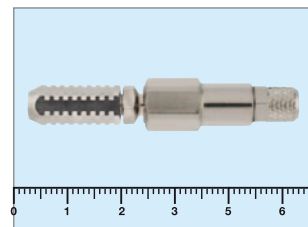
Its no-lock design enables one-handed connection and disconnection by simply pressing or pulling on the flexible hose.



## Compact design

Very easy to handle, it is the smallest coupling from Stäubli's compressed air range.

Thanks to its reduced size, the MCR is easy to use even in the most confined areas: pneumatic simulators, logic components.



## Perfect tightness

The way the MCR is constructed ensures perfect tightness using an O-ring.



## Shut-off options




The MCR coupling can be very easily configured by using a single shut-off or a version without shut-off.



**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.

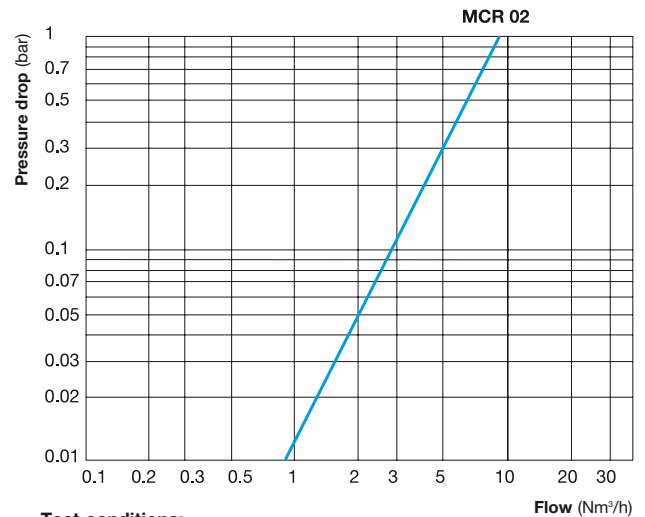
# Technical features

<b>Full bore diameter (mm)</b>	2.3
<b>Max. working pressure (bar)</b>	10
<b>Operating temperature (°C)</b>	-15 to +100
<b>Shut-off</b>	single,  double,  or without shut-off 

## Construction

Nickel-plated brass body  
 Stainless steel spring  
 Standard Nitrile seals (NBR)

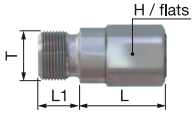
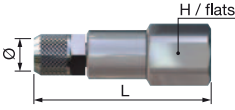
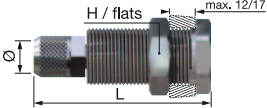
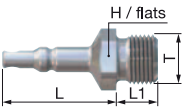
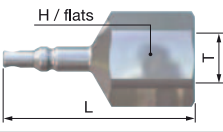
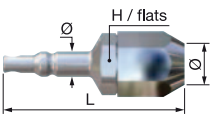
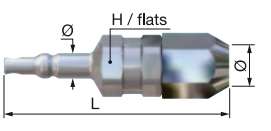
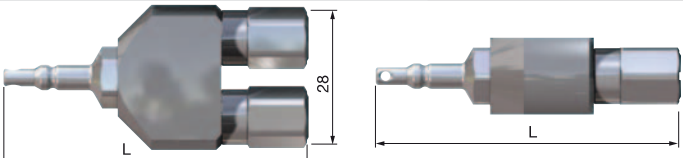
## Pneumatic charts flow/pressure drop



### Test conditions:

- Inlet pressure: 6 bar
- Direction of flow: socket → plug

## Part-numbers

Descriptions	Thread T	Inner/outer tube Ø (mm)	Dimensions (mm)			Part-numbers
			L	L1	H/flats	
<b>Socket male thread</b> 	G 1/8		17.2	8	11	<b>MCR 02.1150</b>
	G 1/4		14.2	11	14	<b>MCR 02.1151</b>
<b>Socket for plastic tube</b> 		2 x 4	34.7		11	<b>MCR 02.1902</b>
		4 x 6	32.7		11	<b>MCR 02.1904</b>
<b>Recessed socket for plastic tube</b> 		2 x 4	34.7		13	<b>MCR 02.3902</b>
		4 x 6	32.7		13	<b>MCR 02.3904</b>
<b>Plug male thread</b> 	G 1/8		22	8	11	<b>MCR 02.6150</b>
<b>Plug female thread</b> 	G 1/4		37		17	<b>MCR 02.6101</b>
<b>Plug for plastic tube</b> 		2 x 4	41		8	<b>MCR 02.6902</b>
		4 x 6	35		11	<b>MCR 02.6904</b>
<b>Self shut-off plug for plastic tube</b> 		2 x 4	41		11	<b>MCR 02.7902</b>
		4 x 6	43.5		11	<b>MCR 02.7904</b>
<b>Y mobile distributor</b> 			59			<b>MCR 02.8600</b>

For contact details: [www.staubli.com/connectors/contacts](http://www.staubli.com/connectors/contacts)



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- Agents

**International sales coordination**

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[www.staubli.com](http://www.staubli.com)

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