



Other designs in series 48

The following other designs can be found from page:

- Thermoplastic P. 240

Technical Description

This coupling series is produced exclusively in materials of medical quality and it is specifically suited to use in medical, biotechnological, pharmaceutical and laboratory technology applications. The main components are molded in a clean room from virgin transparent USP Class VI polysulfone (PSU). The seals are made from platinum cured silicone, the locking pins are stainless steel.

Coupling system with single-hand operation. Audible click to indicate a secure connection. Transparent components allow visual control of the flow path. Completely smooth flow path without any dead spaces prevents cross-contamination. Ergonomic sleeve for easy operation with gloves.

Working Temperature

-20°C up to +148°C



Working Pressure**

0-4,5 bar

** maximum static working pressure with design factor 4 to 1.

Material

Coupling: PSU, transparent, USP Class VI

Plug: PSU, transparent, USP Class VI

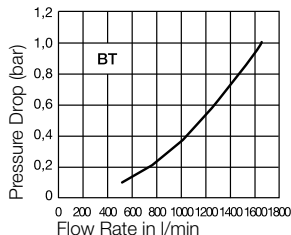
Seals: Platinum cured silicone, transparent, USP Class VI

Interchangeability

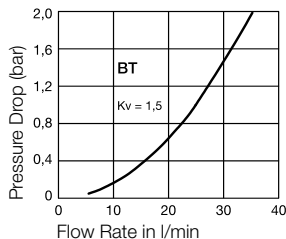
- Rectus 48

Flow diagrams

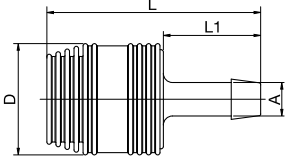
Air



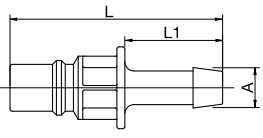
Water



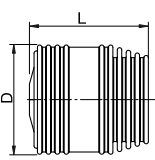
Couplings – without valve **Series BT**

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	L3 mm	D mm	B mm	G mm	S mm	Color Coding Ring	Part Number
 <p>Hose Barb</p>	4 mm			47,3	21,5			24,6					BT-M73-4HB
	6 mm			47,3	21,5			24,6					BT-M73-6HB
	8 mm			47,3	21,5			24,6					BT-M73-8HB

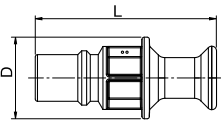
Plugs – without valve **Series BT**

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	L3 mm	D mm	B mm	G mm	S mm	Color Coding Ring	Part Number
 <p>Hose Barb</p>	4 mm			46,8	21,5								BT-M74-4HB
	6 mm			46,8	21,5								BT-M74-6HB
	8 mm			46,8	21,5								BT-M74-8HB

Dummy coupling **Series BT**

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	L3 mm	D mm	B mm	G mm	S mm	Color Coding Ring	Part Number
 <p>Hose Barb</p>				26,8				24,6					BT-M73-PLUG

Dummy plug **Series BT**

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	L3 mm	D mm	B mm	G mm	S mm	Color Coding Ring	Part Number
 <p>Hose Barb</p>				40				18					BT-M74-PLUG