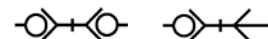


INSTRUMENTATION - quick release couplings

QC-LOK couplings



QC4, QC6, QC8 (1/8" ÷ 1/2")

Standard: Standard Instrumentation
Application: Precise industrial installations
Working press.: 206 bar (QC4), 103 bar (QC6), 51.7 bar (QC8)
Material: AISI 316 steel
Seal: Viton (from -26°C up to +204°C) - standard
 NBR (from -37°C up to +121°C) - option
 EPDM (from -57°C up to +121°C) - option
 CR (from -37°C up to +107°C) - option
 Kalrez (from -26°C up to +260°C) - option
Advantages: Accurate construction, easy connection, reliability

Top quality quick release couplings, single or double shut-off. Used in aviation, gas, medical and pharmaceutical industry, laboratories. Three sizes available: QC4, QC6 and QC8. Connection: male thread, NPT (BSPT, BSP) female thread, LET-LOK® pipe connectors.

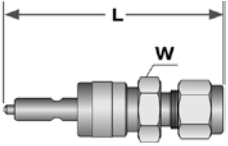
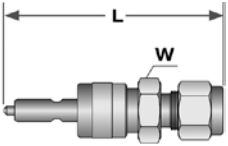
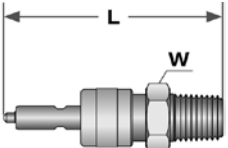
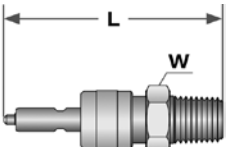
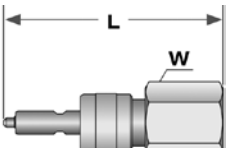
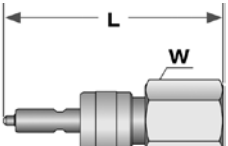
All couplings are quality-tested for their tightness before shipment. Interchangeable with quick release couplings compliant with Instrumentation standard of other producers.

picture	code	connection size	series	L [mm]	W
Socket with LET-LOK® connection 	HM-QC4-B-LC-02-SS	1/8"	QC4	57.4	5/8"
	HM-QC4-B-LC-04-SS	1/4"	QC4	58.4	5/8"
	HM-QC6-B-LC-06-SS	3/8"	QC6	65.5	3/4"
	HM-QC8-B-LC-08-SS	1/2"	QC8	78.5	15/16"
	HM-QC4-B-LM-06-SS	6 mm	QC4	58.4	16 mm
	HM-QC6-B-LM-10-SS	10 mm	QC6	68.1	22 mm
	HM-QC8-B-LM-12-SS	12 mm	QC8	78.5	24 mm
Socket with male thread 	HM-QC4-B-MN-02-SS*	1/8" NPT	QC4	51.1	5/8"
	HM-QC4-B-MN-04-SS*	1/4" NPT	QC4	54.9	5/8"
	HM-QC6-B-MN-06-SS*	3/8" NPT	QC6	60.5	3/4"
	HM-QC8-B-MN-08-SS*	1/2" NPT	QC8	75.4	15/16"
Socket with female thread 	HM-QC4-B-FN-02-SS*	1/8" NPT	QC4	54.9	5/8"
	HM-QC4-B-FN-04-SS*	1/4" NPT	QC4	61.5	5/8"
	HM-QC6-B-FN-06-SS*	3/8" NPT	QC6	65.3	3/4"
	HM-QC8-B-FN-08-SS*	1/2" NPT	QC8	81.8	15/16"
Socket for panel mounting with LET-LOK® connection 	HM-QC4-B-LBC-04-SS	1/4"	QC4	67.8	5/8"
	HM-QC6-B-LBC-06-SS	3/8"	QC6	83.2	3/4"
	HM-QC8-B-LBC-08-SS	1/2"	QC8	98.2	15/16"
	HM-QC4-B-LBM-06-SS	6 mm	QC4	67.8	16 mm
	HM-QC6-B-LBM-10-SS	10 mm	QC6	83.4	22 mm
	HM-QC8-B-LBM-12-SS	12 mm	QC8	98.1	24 mm

* - for BSPT thread exchange the letter N for R, for BSP threads for G though.

INSTRUMENTATION - quick release couplings

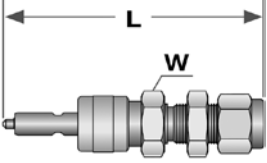
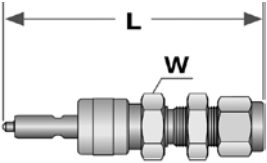
QC-LOK couplings

picture	code	connection size	series	L [mm]	W
 <p>Plug with LET-LOK® connection and valve</p>	HM-QC4-D-LC-04-SS	1/4"	QC4	61.5	5/8"
	HM-QC6-D-LC-06-SS	3/8"	QC6	67.1	3/4"
	HM-QC8-D-LC-08-SS	1/2"	QC8	80.3	15/16"
	HM-QC4-D-LM-06-SS	6 mm	QC4	61.5	16 mm
	HM-QC6-D-LM-10-SS	10 mm	QC6	70.4	22 mm
	HM-QC8-D-LM-12-SS	12 mm	QC8	80.3	24 mm
 <p>Plug with LET-LOK® connection without valve</p>	HM-QC4-S-LC-02-SS	1/8"	QC4	57.8	5/8"
	HM-QC4-S-LC-04-SS	1/4"	QC4	59.9	5/8"
	HM-QC6-S-LC-06-SS	3/8"	QC6	64.0	3/4"
	HM-QC8-S-LC-08-SS	1/2"	QC8	75.2	15/16"
	HM-QC4-S-LM-06-SS	6 mm	QC4	59.9	16 mm
	HM-QC6-S-LM-10-SS	10 mm	QC6	67.3	22 mm
 <p>Plug with male thread and valve</p>	HM-QC4-D-MN-02-SS*	1/8" NPT	QC4	54.1	5/8"
	HM-QC4-D-MN-04-SS*	1/4" NPT	QC4	57.9	5/8"
	HM-QC6-D-MN-06-SS*	3/8" NPT	QC6	62.7	3/4"
	HM-QC8-D-MN-08-SS*	1/2" NPT	QC8	77.2	15/16"
 <p>Plug with male thread without valve</p>	HM-QC4-S-MN-02-SS*	1/8" NPT	QC4	52.6	5/8"
	HM-QC4-S-MN-04-SS*	1/4" NPT	QC4	56.4	5/8"
	HM-QC6-S-MN-06-SS*	3/8" NPT	QC6	59.7	3/4"
	HM-QC8-S-MN-08-SS*	1/2" NPT	QC8	72.1	15/16"
 <p>Plug with female thread and valve</p>	HM-QC4-D-FN-02-SS*	1/8" NPT	QC4	52.6	5/8"
	HM-QC4-D-FN-04-SS*	1/4" NPT	QC4	58.9	5/8"
	HM-QC6-D-FN-06-SS*	3/8" NPT	QC6	62.7	3/4"
	HM-QC8-D-FN-08-SS*	1/2" NPT	QC8	76.7	15/16"
 <p>Plug with female thread without valve</p>	HM-QC4-S-FN-02-SS*	1/8" NPT	QC4	51.1	5/8"
	HM-QC4-S-FN-04-SS*	1/4" NPT	QC4	57.4	5/8"
	HM-QC6-S-FN-06-SS*	3/8" NPT	QC6	59.7	3/4"
	HM-QC8-S-FN-08-SS*	1/2" NPT	QC8	71.6	15/16"

* - for BSPT thread exchange the letter N for R, for BSP threads for G though.

INSTRUMENTATION - quick release couplings

QC-LOK couplings

picture	code	connection size	series	L [mm]	W
 <p>Plug for panel mounting with LET-LOK® connections and valve</p>	HM-QC4-D-LBC-04-SS	1/4"	QC4	71.1	5/8"
	HM-QC6-D-LBC-06-SS	3/8"	QC6	84.6	3/4"
	HM-QC8-D-LBC-08-SS	1/2"	QC8	100	15/16"
	HM-QC4-D-LBM-06-SS	6 mm	QC4	71.1	16 mm
	HM-QC6-D-LBM-10-SS	10 mm	QC6	84.8	22 mm
	HM-QC8-D-LBM-12-SS	12 mm	QC8	100.1	24 mm
 <p>Plug for panel mounting with LET-LOK® connections without valve</p>	HM-QC4-S-LBC-04-SS	1/4"	QC4	69.9	5/8"
	HM-QC6-S-LBC-06-SS	3/8"	QC6	81.5	3/4"
	HM-QC8-S-LBC-08-SS	1/2"	QC8	95.2	15/16"
	HM-QC4-S-LBM-06-SS	6 mm	QC4	69.6	16 mm
	HM-QC6-S-LBM-10-SS	10 mm	QC6	81.7	22 mm
	HM-QC8-S-LBM-12-SS	12 mm	QC8	95.3	24 mm

Working parameters

series	working pressure +20°C [bar]		max. flow rate [l/min]
	connected	during connection / disconnection	
QC4	206	17.2	15
QC6	103		22
QC8	51.7		37