



STAUFF Quick Release Couplings

Push-to-connect and screw-to-connect couplings
for connecting and disconnecting fluid media

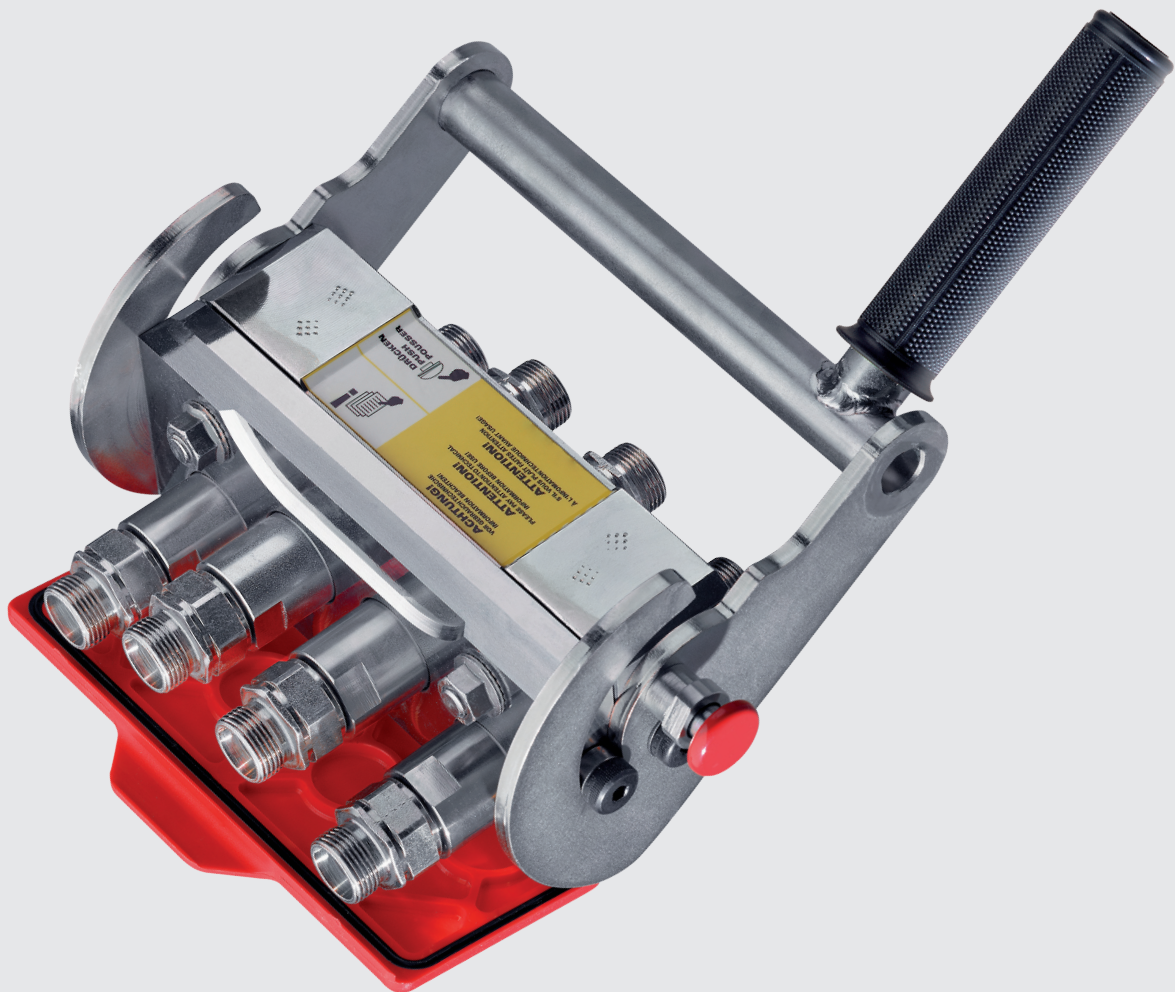
Product Catalogue

Version
10/2025



Series MK

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Series MK-Q-10/4 - BG 2 - Nominal Size 10	113
Series MK-R-10/4 - BG 2 - Nominal Size 10	114



MK

Series MK

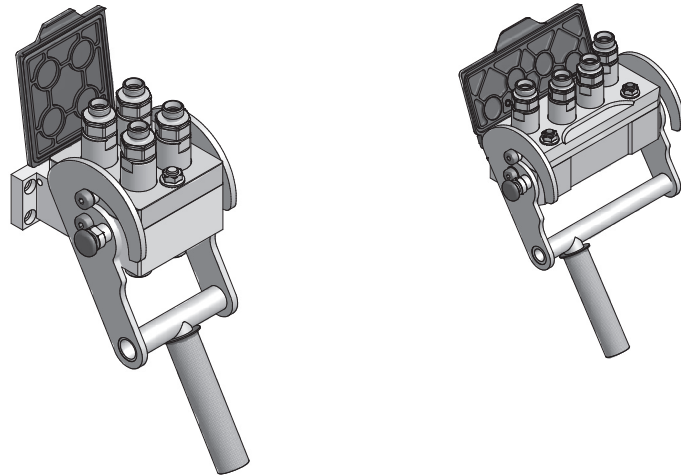
Description

The multi-coupling has been created for connecting and disconnecting several hydraulic lines at the same time. This is done by an operating lever the guide crank of which is designed for a minimum of operating force.

The connection of the hydraulic lines is done with flat face couplings. Due to the special sealing it is possible to couple against trapped pressure on the male halves (max. 4x100 bar / 4x1450 PSI)

The main features of the multi coupling are:

- Safety against commutability of hydraulic lines
- Quick connecting
- Coupling against trapped pressure
- Optimally minimized spillage during coupling process



Spare Parts

The following list shows the spare parts available for the line of the multi-coupling products. They are supplied in form of kits, including detailed removal and installation instructions:

Description	MK 24	MK 74
	Ordering Codes	Ordering Codes
Operating lever kit	QRC-MK-Q-10/4-SP-OL-W3	QRC-MK-R-10/4-SP-OL-W3
Safety lock kit	QRC-MK-Q-10/4-SP-SL-W3	QRC-MK-Q-10/4-SP-SL-W3
Dust protection kit	QRC-MK-Q-10/4-SP-DP-K	QRC-MK-R-10/4-SP-DP-K
Female coupling	QRC-EK-10-F-XXX-BT-W3	QRC-EK-10-F-XXX-BT-W3
Centering bolt kit	QRC-MK-Q-10/4-SP-CB-W3	QRC-MK-Q-10/4-SP-CB-W3
Guide screw kit	QRC-MK-Q-10/4-SP-GS-W4	QRC-MK-Q-10/4-SP-GS-W4
Male coupling	QRC-EK-10-M-XXX-BP-W3	QRC-EK-10-M-XXX-BP-W3
Seal kit (20 pcs.)	QRC-EK-10-MSK-PU	QRC-EK-10-MSK-PU

MK

Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of plug-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.

Working Pressure

250 bar / 25 MPa / 3626 PSI (2 x 250 bar, 2 x 40 bar)

Material

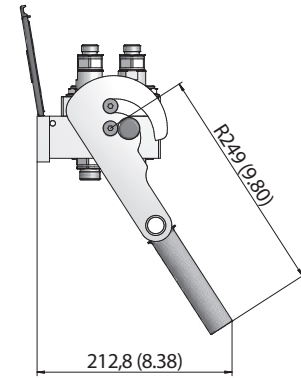
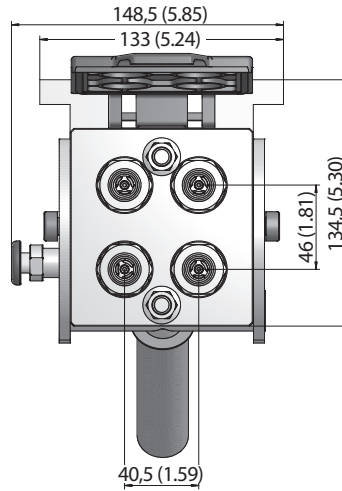
Steel

Surface Finishing

Zinc-Nickel

Standard Seal Material(s)

NBR (Buna-N®), PTFE, PU



SW: Width across flats. All dimensions in mm (inch).

Series MK-Q-10/4 24 · BG 2 · Nominal Size 10

Port A	Dimensions (mm/in)	Fixed half Ordering Codes	Weight (kg/lbs) ca. per 100	Mobile half Ordering Codes	Weight (kg/lbs) ca. per 100	Multicoupling System Ordering Codes	Weight (kg/lbs) ca. per 100
Female Thread according to DIN 3852-2-A - ANSI B 1.20.3							
	G 3/8"	QRC-MK-Q-10/4-FP-G06-BT-W3	581 1280.89	QRC-MK-Q-10/4-MP-G06-BP-W3	283 623.91	QRC-MK-Q-10/4-CC-G06-S1-W3	864 1904.79
	G 1/2"	QRC-MK-Q-10/4-FP-G08-BT-W3	581 1280.89	QRC-MK-Q-10/4-MP-G08-BP-W3	283 623.91	QRC-MK-Q-10/4-CC-G08-S1-W3	864 1904.79
	NPTF 1/2" - 14	QRC-MK-Q-10/4-FP-NF08-BT-W3	581 1280.89	QRC-MK-Q-10/4-MP-NF08-BP-W3	283 623.91	QRC-MK-Q-10/4-CC-NF08-S1-W3	864 1904.79
Male Thread with 24° Conical Bore - Shape W according to DIN 3861							
	M16x1,5	QRC-MK-Q-10/4-FP-10L-BT-W3	557 1227.98	QRC-MK-Q-10/4-MP-10L-BP-W3	259 571.00	QRC-MK-Q-10/4-CC-10L-S1-W3	816 1798.97
	M18x1,5	QRC-MK-Q-10/4-FP-12L-BT-W3	565 1245.61	QRC-MK-Q-10/4-MP-12L-BP-W3	259 571.00	QRC-MK-Q-10/4-CC-12L-S1-W3	824 1816.61
	M22x1,5	QRC-MK-Q-10/4-FP-15L-BT-W3	565 1245.61	QRC-MK-Q-10/4-MP-15L-BP-W3	267 588.63	QRC-MK-Q-10/4-CC-15L-S1-W3	832 1834.25
	M26x1,5	QRC-MK-Q-10/4-FP-18L-BT-W3	581 1280.89	QRC-MK-Q-10/4-MP-18L-BP-W3	267 588.63	QRC-MK-Q-10/4-CC-18L-S1-W3	848 1869.25

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Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of plug-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.

Working Pressure

250 bar / 25 MPa / 3626 PSI (2 x 250 bar, 2 x 40 bar)

Material

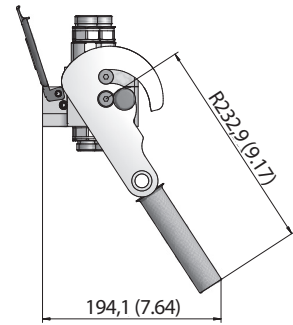
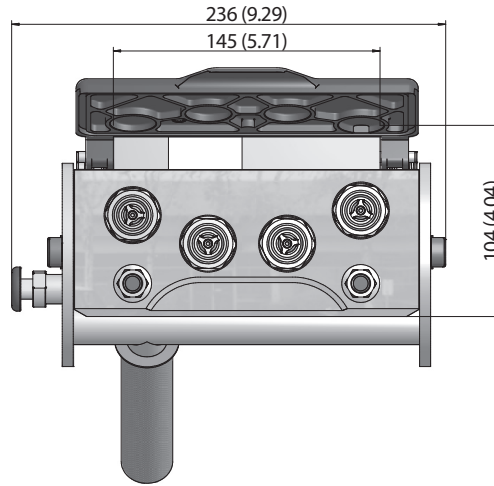
Steel

Surface Finishing

Zinc-Nickel

Standard Seal Material(s)

NBR (Buna-N®), PTFE, PU



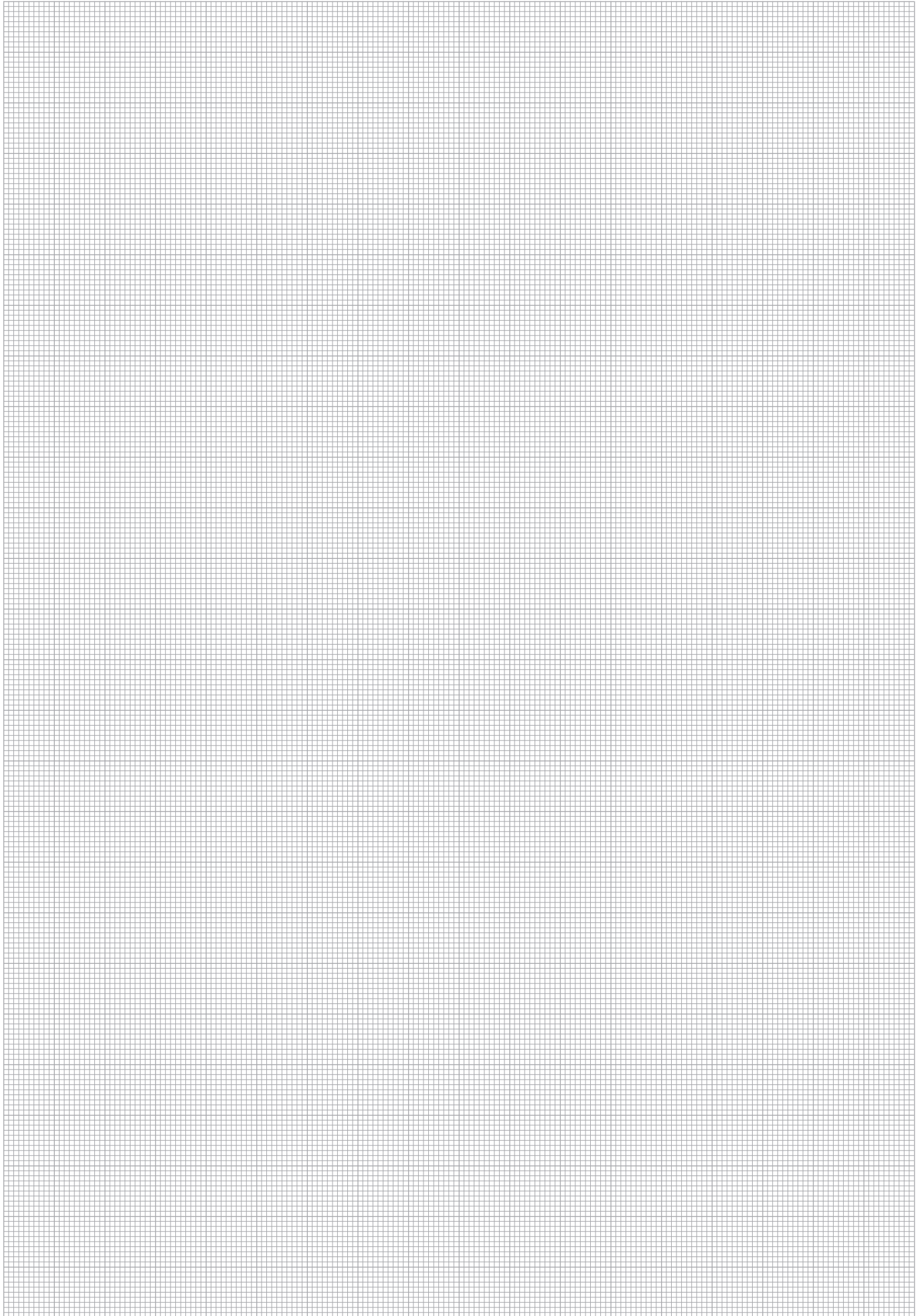
SW: Width across flats. All dimensions in mm (inch).

Series MK-R-10/4 • BG 2 • Nominal Size 10

Port A	Abmessung (mm/in)	Fixed half Ordering Codes	Weight (^{kg} /lbs) ca. per 100	Mobile half Ordering Codes	Weight (^{kg} /lbs) ca. per 100	Multicoupling System Ordering Codes	Weight (^{kg} /lbs) ca. per 100
Female Thread according to DIN 3852-2-A - ANSI B 1.20.3							
	G3/8"	QRC-MK-R-10/4-FP-G06-BT-W3	682 1503.55	QRC-MK-R-10/4-MP-G06-BP-W3	334 736.34	QRC-MK-R-10/4-CC-G06-S1-W3	1016 2239.90
	G 1/2"	QRC-MK-R-10/4-FP-G08-BT-W3	680 1499.14	QRC-MK-R-10/4-MP-G08-BP-W3	332 731.93	QRC-MK-R-10/4-CC-G08-S1-W3	1012 2231.08
	NPTF 1/2" - 14	QRC-MK-R-10/4-FP-NF08-BT-W3	678 1494.73	QRC-MK-R-10/4-MP-NF08-BP-W3	330 727.53	QRC-MK-R-10/4-CC-NF08-S1-W3	1008 2222.26
Male Thread with 24° Conical Bore - Shape W according to DIN 3861							
	M16x1,5	10L QRC-MK-R-10/4-FP-10L-BT-W3	669 1474.89	QRC-MK-R-10/4-MP-10L-BP-W3	321 707.68	QRC-MK-R-10/4-CC-10L-S1-W3	990 2182.58
	M18x1,5	12L QRC-MK-R-10/4-FP-12L-BT-W3	669 1474.89	QRC-MK-R-10/4-MP-12L-BP-W3	321 707.68	QRC-MK-R-10/4-CC-12L-S1-W3	990 2182.58
	M22x1,5	15L QRC-MK-R-10/4-FP-15L-BT-W3	672 1481.51	QRC-MK-R-10/4-MP-15L-BP-W3	324 714.30	QRC-MK-R-10/4-CC-15L-S1-W3	996 2195.80
	M26x1,5	18L QRC-MK-R-10/4-FP-18L-BT-W3	674 1485.92	QRC-MK-R-10/4-MP-18L-BP-W3	326 718.71	QRC-MK-R-10/4-CC-18L-S1-W3	1000 2204.62

MK

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MK