



Multi-Coupling

MC Series



INTRODUCTION

Holmbury's MC Series multiplate couplings allow the simultaneous connection of multiple hydraulic lines. The MC Series inherits the benefits of Holmbury's flat face coupling design. Currently available from stock in 2, 4 or 6 port design. Customisation available upon request.



CONSTRUCTION

- Couplings and handle - Carbon steel with zinc nickel plating (1200 hours with no red rust in salt spray tests)
- Body - Aluminium black anodised
- Button - Red Nylon
- Supplied with Nitrile and Polyurethane seals with a back up ring in PTFE

FEATURES

- Connect under pressure male couplings
- Couplings are circlip mounted and can be replaced or removed easily
- Flat faces are easily wiped clean
- Bidirectional flow

- Allows for minimal inclusion of air and contaminants during connection
- Flat face design prevents fluid loss during disconnection

ACCESSORIES

- Spare parts are available upon request

SPECIFICATIONS & APPLICATIONS

- Operating temperatures -25 Degrees C (13 degrees F) to 100 degrees C (212 degrees F). Spare parts available on request
- Leak free environments
- Mobile construction equipment
- Tractors and other agricultural machinery

MC PERFORMANCE CHARACTERISTICS

Model	Port Configuration / Size	Working Pressure	Rated Flow @ 2 Bar delta p
		Pressure in bar - Flow in LPM	
		Pressure in PSI - Flow in GPM	
2 Lines	2x 10 (3/8)	350	50
		5076	13.2
	2x 12 (1/2)	280	79
		4061	20.9
4 Lines	4x 10 (3/8)	280	50
		4061	13.2
	4x 12 (1/2)	250	79
		3626	20.9
	2x 12 (1/2)	250	79 (12) 90 (16)
	2x 16 (5/8)	3626	20.9 (1/2) 23.8 (5/8)
4x 16 (5/8)	250	90	
5 Lines	3x 06 (1/4)	300	40 (06) 50 (10)
	2x 10 (3/8)	4351	10.6 (1/4) 13.2 (3/8)
6 Lines	6x 10 (3/8)	250	50
		3626	13.2

MC Series



Model	Fixed Half	Mobile Half
2 Lines	MC10-2-06G-F	MC10-2-06G-M
	MC10-2-06S-F	MC10-2-06S-M
	MC12-2-08G-F	MC12-2-08G-M
	MC12-2-08S-F	MC12-2-08S-M
4 Lines	MC10-4-06G-F	MC10-4-06G-M
	MC10-4-06S-F	MC10-4-06S-M
	MC12-4-08G-F	MC12-4-08G-M
	MC12-4-08S-F	MC12-4-08S-M
	MC12-2-08G-16-2-12G-F	MC12-2-08G-16-2-12G-M
	MC12-2-08S-16-2-12S-F	MC12-2-08S-16-2-12S-M
	MC16-4-12G-F	MC16-4-12G-M
	MC16-4-12S-F	MC16-4-12S-M
5 Lines	MC06-2-04G-10-2-06G-F	MC06-2-04G-10-2-06G-M
	MC06-2-06S-10-2-06S-F	MC06-2-06S-10-2-06S-M
	MC06-3-04G-F	MC06-3-04G-M
	MC06-3-06S-F	MC06-3-06S-M
	MC06-3-04G-10-2-06G-F	MC06-3-04G-10-2-06G-M
	MC06-3-06S-10-2-06S-F	MC06-3-06S-10-2-06S-M
6 Lines	MC10-6-08G-F	MC10-6-08G-M
	MC10-6-08S-F	MC10-6-08S-M

Body Size	Threads available
06 (1/4)	1/4 BSPP
	9/16-18 UNF ORB
	M14X1.5 L8
	11/16-16 UN Male ORFS
10 (3/8)	3/8 BSPP
	1/2 BSPP
	11/16-16 UN Male ORFS
	13/16-16 UN Male ORFS
	9/16-18 UNF ORB
	M18X1.5 L12
12 (1/2)	M22X1.5 L15
	1/2 BSPP
	1/2 NPTF
	3/4-16 UNF ORB
16 (5/8)	M24X1.5 S16
	3/4 BSPP
	1 1/16-12 UN ORB

Also available with 4 line, size 10 control valve mount and 5 line with optional electrical plug. For all other configurations or thread types please contact the sales office.

Multi-coupling Part Codes

The order codes for the multi-coupling series is similar to the system for identifying quick disconnects but varies in some respects. For models with one size line the format is as follows:

