

Body Size

1/2"

Multi-Couplings

MACH-Series

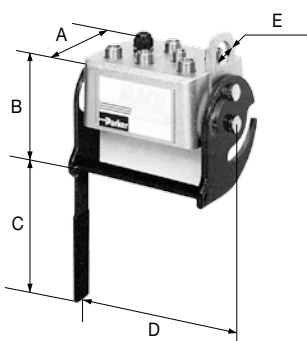


Technical Performance Data

Body Size inch	Temperatur Range	Maximum operating pressure
1/2"	-30°C up to +110°C	250 bar

Top Connector (Coupling Plate)

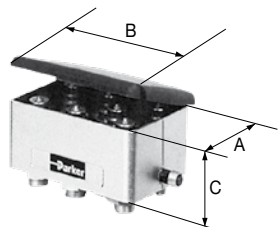
This top connector unit includes the top casting and automatic protective cover, 4 to 7 female quick couplings and a complete locking system. In the most common version with 7 lines, the top connector is also equipped with a 6 line male electrical connector as a standard feature.



	1/2"
A	120 mm
B	145 mm
C	160 mm
D	210 mm
E	∅ 30 mm

Base Connector (Plug Plate)

This base connector unit includes the base casting and automatic protective cover, 4 to 7 male quick couplings and the positioning pins. Also included are an adaptor and a plastic hose to drain oil. In the most common version with 7 lines, the base connector is also equipped with a 6 line male electrical connector as a standard feature.



	1/2"
A	109 mm
B	170 mm
C	70 mm

Technical Description

The couplings meet the requirements of ISO 7241-1 Series A. Possible to connect 4, 5, 6 or 7 hydraulic lines simultaneously. No coupling misconnection or accidental disconnection. Using a standard interface will still allow end users to connect their standard quick coupling equipped implements. In the version with seven lines (MACH 7), the base connector is equipped with an electrical connector as standard feature, which is an option on the MACH 4, 5 and 6.

Advantages

Individual ball locking system and central cam locking mechanism: a simple movement enables to connect all the hydraulic lines. Three part poppet style valving with a molded shaped seal to prevent seal washout at high flow rates. Possible to connect with two lines under 200 bar, if other lines are not under pressure. Easy and fast connection and disconnection of implements or tooling.

Applications

- Agricultural (front loaders, hedge cutters,...)
- Road service vehicles (road systems lorries, road sweepers, snowploughs,...)
- Industrial Applications

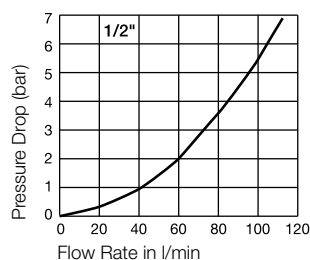
Working Pressure

max. 250 bar

Working Temperature

-30°C up to +110°C (NBR) depending on the medium.

Flow Capacity with Oil with Viscosity of 43cSt at 38°C as per ISO 7241/2-2000

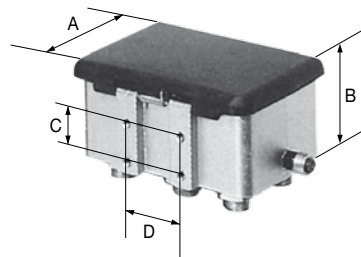


Material

Coupling-/Plug Plates	Steel
Support Plate	Steel
Protective Cap	Thermoplastic
Couplings and Plugs	Steel
Seals	NBR
Locking Mechanism	Steel
Connector Castings	Aluminium

Installation


Base unit: Mounted with 4 screws M 8 x 1,25 mm



	1/2"
A	125 mm
B	80 mm
C	30 mm
D	50 mm


Coupling Plate

MACH-Series


	Body Size	Number of Hydraulic Lines	Number of Threads DIN2353 15L (M22x1,5)	Number of Threads DIN2353 12L (M18x1,5)	Electrical Connector	Part Number
	1/2"	4	4	0	without	MACH4/715LT
	1/2"	4	4	0	with	MACH4/715LTE
	1/2"	5	5	0	without	MACH5/715LT
	1/2"	5	5	0	with	MACH5/715LTE
	1/2"	6	6	0	without	MACH6/715LT
	1/2"	6	6	0	with	MACH6/715LTE
	1/2"	7	6	1	with	MACH7T

Plug Plate

MACH-Series

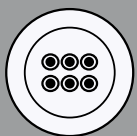
	Body Size	Number of Hydraulic Lines	Number of Threads DIN2353 15L (M22x1,5)	Number of Threads DIN2353 12L (M18x1,5)	Electrical Connector	Part Number
	1/2"	4	4	0	without	MACH4/715LB
	1/2"	4	4	0	with	MACH4/715LBE
	1/2"	5	5	0	without	MACH5/715LB
	1/2"	5	5	0	with	MACH5/715LBE
	1/2"	6	6	0	without	MACH6/715LB
	1/2"	6	6	0	with	MACH6/715LBE
	1/2"	7	6	1	with	MACH7B

Oil Drain Kit

	Description	Part Number
	This kit includes the removable tank to contain oil spillage and a holding fixture.	MACH A

Spare Parts **MACH-Series**

	Description	End Configuration	Part Number
<p>MACH 8900226</p> <p>MACH 7980035</p> <p>MACH 8900227</p> <p>MACH 8900214</p> <p>MACH 8900213</p> <p>MACH 5400303</p> <p>MACHF08767030</p> <p>JT020117N0552</p> <p>Coupling</p> <p>Plug</p>	Electrical socket		MACH 8900214
	Washer		MACH 8900227
	Grommet		MACH 8900226
	Electrical plug		MACH 8900213
	Snap ring		MACH7980035
	Counter plate		MACHF08767030
	Cover		MACH5400303
	Adaptor outside seal		JT020117N0552
	Coupling	DIN 2353-15L	3V54D6X5MCH
	Plug	DIN 2353-15L	4V14E6X5MCHA
Coupling	DIN 2353-12L	3V54D6X4MCH	
Plug	DIN 2353-12L	4V14E6X4MCHA	



Body Size

1/2"

Multi-Couplings

MACH 2-Series

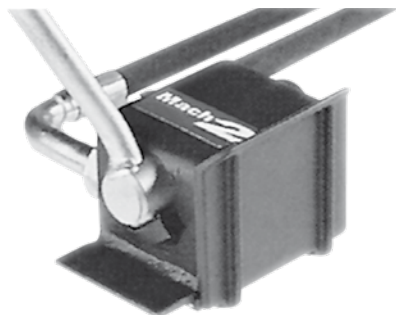


Technical Performance Data

Body Size inch	Temperatur Range	Maximum operating pressure
1/2"	-30°C up to +110°C	250 bar

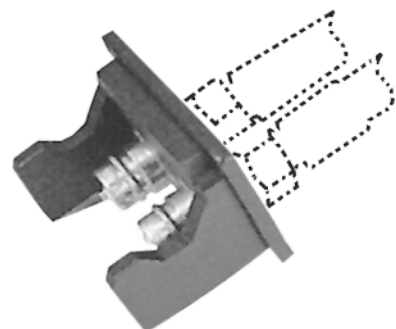
Connecting box (Coupling Plate)

Complete unit including the base connector unit, its dust cover, a lever acting as a central locking device and 2 female couplings.



Plug Plate

Complete unit including the connecting plug and 2 male tips, which meet the requirements of ISO 7241-1-A.



Technical Description

The couplings meet requirements of ISO 7241-1 Series A. Possibility to connect 2 hydraulic lines simultaneously. No coupling misconnection or accidental disconnection. Possibility of connecting under pressure up to 250 bar in one hydraulic line only.

Advantages

Central came locking system. Poppet style valving with a molded shaped seal to prevent seal washout at high flow rates.

Applications

- Agricultural (front loaders, hedge cutters,...)
- Road service vehicles (road systems lorries, road sweepers, snowploughs,...)
- Industrial Applications

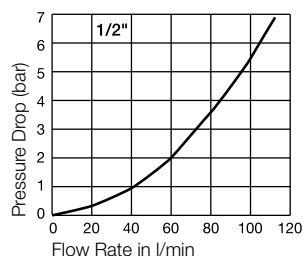
Working Pressure

max. 250 bar

Working Temperature

-30°C up to +110°C (NBR) depending on the medium.

Flow Capacity with Oil with Viscosity of 43cSt at 38°C as per ISO 7241/2-2000

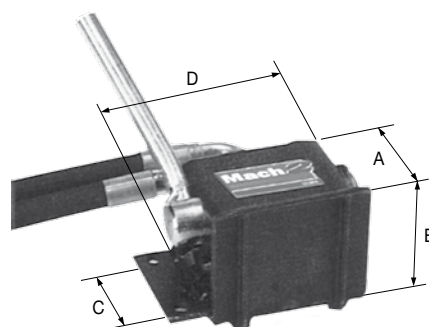


Material

Protective Cap	Thermoplastic
Quick Connect Couplings/-Plugs	Steel
Seals	NBR
Locking Mechanism	Steel
Casting Boxes	Steel

Installation

Mechanical attachment: 2 mounting holes \varnothing 8,5 mm



1/2"	
A	100 mm
B	80 mm
C	55 mm
D	125 mm

Coupling Plate

MACH 2-Series

End Configuration	Coupling (2 pcs.)	Top Casting (1 pc.)	Weight gr.	Part Number
M 22 x 1,5 - DIN2353-15L	1/2"	1/2"	2723	MACH2-IA-B
Other types of MACH 2 with non-spill connections are also available on request. Please consult us for further information.				

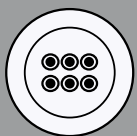
Plug Plate

MACH 2-Series

End Configuration	Coupling (2 pcs.)	Top Casting (1 pc.)	Weight gr.	Part Number
M 22 x 1,5 - DIN2353-15L	1/2"	1/2"	1203	MACH2-IA-P

Spare Parts

Description	Part Number
Coupling seal	JT020117N0552
Coupling	LV54D6X5MLXC
Plug	LV14E6X5MLX

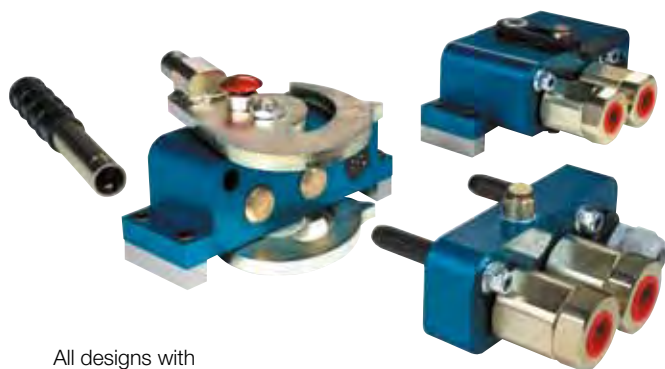


Body Size

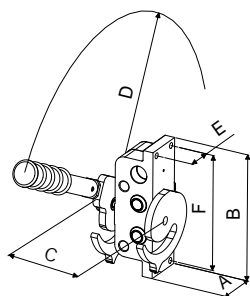
3/8" up to 1/2"

Multi-Line

C-Line Compact



All designs with female thread.

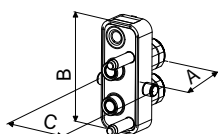


Coupling Plate/Combinations

3/8" and 1/2"	
A	60 mm
B	189 mm
C	108 mm
D	278 mm
E	40 mm
F	173 mm

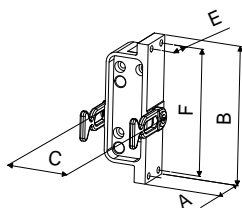
Plug Plate/Combinations

	3/8"	1/2"
A	72 mm	84 mm
B	150 mm	150 mm
C	88 mm	88 mm



Support Plate

3/8" and 1/2"	
A	52 mm
B	189 mm
C	86 mm
E	30 mm
F	173 mm



Technical Description

Multiple connector system with locking lever and safety locking. Original TEMA plug-profile with spill-proof flat face design. Coupling body/plug fitted with high-flow valve system.

Pressure Eliminator

All plugs are fitted with pressure eliminators to eliminate residual pressures up to maximum working pressure on the plug side (maximum 50 bar on the coupling side).

7-pole Electrical Connection

- Male part (coupling plate)
- Cable: 7 x 1,5 RDOE 5m
- Female part (plug plate)
- Cable: 7 x 1,5 RDOE 3m
- Not IP classified
- Contact block: NBR
- Connector: (pins and casing) bronze, silver plated
- Electric connection box: Thermoplastic (POM)
- Pull relief (cable): PA/NBR
- Max. voltage: 24 V
- Max. current: 16 A*

* For return-current through cable, the total permitted current through the connector is maximum 16 A.

Working Temperature

-30°C up to +100°C (NBR/PUR)

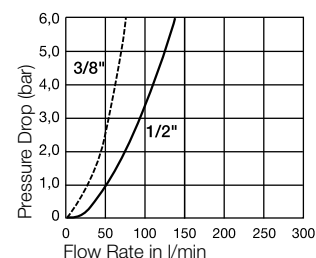
Working Pressure

Max. pressure range:
350 bar (safety factor 4:1)

Attention:

Half the number of connections in the respective sizes.

Flow Capacity with Oil with Viscosity of 32cSt at 40°C as per ISO 7241/2-2000



Hydraulic Flow:

3/8" - 54 l/min (3 bar press. drop)
1/2" - 97 l/min (3 bar press. drop)

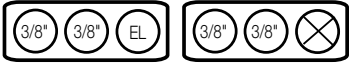


Nominal Diameter in mm:

3/8" - 10
1/2" - 12,5

Material

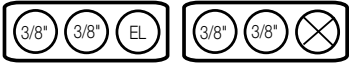


Coupling-/Plug Plates	Aluminium, anodised-blue
Support Plate	Aluminium, anodised-blue
Protective Cap	Aluminium, anodised-blue, NBR-seal
Couplings and Plugs	Steel, zinc-plated, passivated (Cr3+), movable sleeves made of stainless steel AISI 304
Seals	NBR/PUR; replaceable profile ring on plug side
Locking Mechanism	Steel, zinc-plated, passivated (Cr3+)
Locking Button	Aluminium, anodised-red
Blank Plug	Thermoplastics (POM)

Coupling Plate with Protective Cap (3/8")**C-Line Compact**

	Coupling 3/8"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
 	2	7-pole		right	right	6000	TMFC 33Y BBR*
	2		1	right	right	4800	TMFC 33W BBR*
	2	7-pole		left	left	6000	TMFC 33Y B**
	2		1	left	left	4800	TMFC 33W B**
The protective cap is included.							
The coupling plate is supplied complete with assembly kit TM-210K.							




Locking Lever, detachable
Locking Button right side

Plug Plate with Support Plate (3/8")**C-Line Compact**

	Plug 3/8"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
 	2	7-pole				3600	TMMC 33Y
	2		1			2800	TMMC 33W
The support plate is included.							
The support plate is supplied complete with assembly kit TM-214K.							



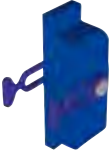
The support plate is supplied complete with assembly kit TM-214K.

Coupling Plate with Protective Cap (1/2")**C-Line Compact**

	Coupling 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
 	2	7-pole		right	right	6100	TMFC 55Y BBR*
	2		1	right	right	4800	TMFC 55W BBR*
	2	7-pole		left	left	6100	TMFC 55Y B**
	2		1	left	left	4800	TMFC 55W B**
The protective cap is included.							
The coupling plate is supplied complete with assembly kit TM-210K.							

Locking Lever, detachable
Locking Button left Side

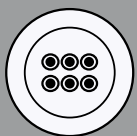
Plug Plate with Support Plate (1/2")**C-Line Compact**

	Plug 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
 	2	7-pole				4100	TMMC 55Y
	2		1			3300	TMMC 55W
The support plate is included.							
The support plate is supplied complete with assembly kit TM-214K.							

The support plate is supplied complete with assembly kit TM-214K.

* Designed to be used on the right hand side of the excavator arm. On wheel-loaders the mounting is on the inside of the right loading arm. (As seen from the drivers seat).

** Designed to be used on the left hand side of the excavator arm. On wheel-loaders the mounting is on the inside of the left loading arm. (As seen from the drivers seat).



Body Size

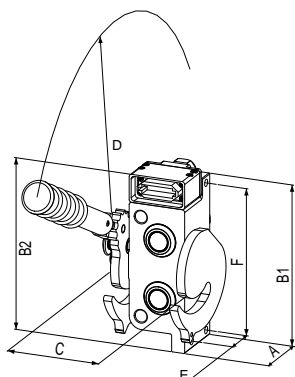
1/2" up to 3/4"

Multi-Line

C-Line Compact

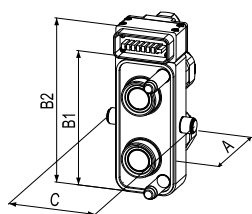


All designs with female thread.



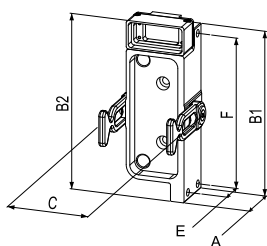
Coupling Plate/Combinations

1/2" and 3/4"	
A	70 mm
B1	189 mm
B2	202 mm ¹⁾
C	115 mm
D	27 mm
E	40 mm
F	173 mm



Plug Plate/Combinations

1/2" and 3/4"	
A	97 mm
B1	148 mm
B2	181 mm ¹⁾
C	96 mm



Support Plate

1/2" and 3/4"	
A	52 mm
B1	189 mm
B2	202 mm ¹⁾
C	93 mm
E	30 mm
F	173 mm

¹⁾ with electrical plug

Technical Description

Multiple connector system with locking lever and safety locking. Original TEMA plug-profile with spill-proof flat face design. Coupling body/plug fitted with high-flow valve system.

Pressure Eliminator

All plugs are fitted with pressure eliminators to eliminate residual pressures up to maximum working pressure on the plug side (maximum 50 bar on the coupling side).

14-pole Electrical Connection

- Delivery exclusive of cables
- Protection category IP 67 (coupled)
- Screwed conductor connector: 0,5 – 1,5 mm²
- Pins and sleeves: copper coated
- Elect. junction box: Aluminium
- Traction relief: PA/NBR 9 –16 mm
- Max. voltage: 48 V
- Max. current: 10 A per core

Working Temperature

-30°C up to +100°C (NBR/PUR)

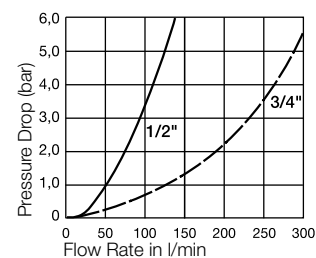
Working Pressure

Max. pressure range:
350 bar (safety factor 4:1)

Attention:

Half the number of connections in the respective sizes.

Flow Capacity with Oil with Viscosity of 32cSt at 40°C as per ISO 7241/2-2000



Hydraulic Flow:

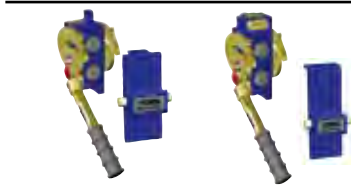
1/2" – 97 l/min (3 bar press. drop)
3/4" – 240 l/min (3 bar press. drop)

Nominal Diameter in mm:

1/2" – 12,5
3/4" – 19

Material

Coupling-/Plug plates	Aluminium, anodised-blue
Support Plate	Aluminium, anodised-blue
Protective Cap	Aluminium, anodised-blue, NBR-seal
Couplings and Plugs	Steel, zinc-plated, passivated (Cr3+), movable sleeves made of stainless steel AISI 304
Seals	NBR/PUR; replaceable profile ring on plug side
Locking Mechanism	Steel, zinc-plated, passivated (Cr3+)
Locking Button	Aluminium, anodised-red
Blank Plug	Thermoplastics (POM)

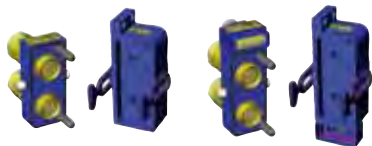
Coupling Plate with Protective Cap (1/2")**C-Line Compact**

Locking Lever, detachable
Locking Button right Side

Coupling 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
2			left	left	5100	TMFC 55 B**
2	14-pole		left	left	5400	TMFC 55 QB**
2			right	right	5100	TMFC 55 BBR*
2	14-pole		right	right	5400	TMFC 55 QBBR*

The protective cap is included.

The coupling plate is supplied complete with assembly kit TM-210K.

Plug Plate with Support Plate (1/2")**C-Line Compact**

Plug 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
2					3600	TMMC 55
2	14-pole				3900	TMMC 55 Q

The support plate is included.

The support plate is supplied complete with assembly kit TM-214K.

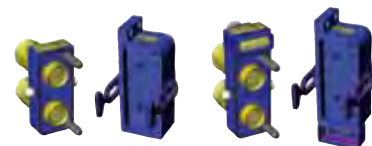
Coupling Plate with Protective Cap (3/4")**C-Line Compact**

Locking Lever, detachable
Locking Button right Side

Coupling 3/4"	Electrical Connection (1 pc.)	Blank Plug 3/4"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
2			left	left	5100	TMFC 77 B**
2	14-pole		left	left	5400	TMFC 77 QB**
2			right	right	5100	TMFC 77 BBR*
2	14-pole		right	right	5400	TMFC 77 QBBR*

The protective cap is included.

The coupling plate is supplied complete with assembly kit TM-210K.

Plug Plate with Support Plate (3/4")**C-Line Compact**

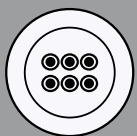
Plug 3/4"	Electrical Connection (1 pc.)	Blank Plug 3/4"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
2					3600	TMMC 77
2	14-pole				3900	TMMC 77 Q

The support plate is included.

The support plate is supplied complete with assembly kit TM-214K.

* Designed to be used on the right hand side of the excavator arm. On wheel-loaders the mounting is on the inside of the right loading arm. (As seen from the drivers seat).

** Designed to be used on the left hand side of the excavator arm. On wheel-loaders the mounting is on the inside of the left loading arm. (As seen from the drivers seat).



Body Size

3/8" up to 3/4"

Multi-Line

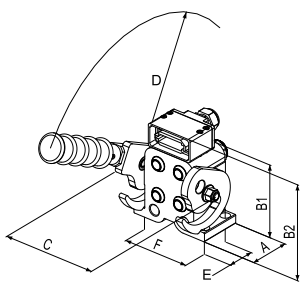
C-Line Standard



All designs with female thread.

Coupling Plate/Combinations

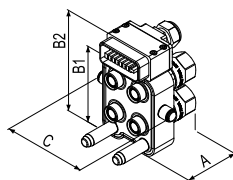
	1/2", 3/8" + 1/2" Twin-arm lever	1/2", 3/8" + 1/2" Single lever, fixed	1/2", 3/8" + 1/2" Single lever, detachable
A	60 mm	60 mm	60 mm
B1	143 mm	143 mm	143 mm
B2	176 mm	176 mm	176 mm
C	160 mm	165 mm	170 mm
D	270 mm	290 mm	276 mm
E	40 mm	40 mm	40 mm
F	121 mm	121 mm	121 mm



	4 x 3/8" All levers	3/4" + 1/2", 3/4" + 1/2" + 3/8" Twin-arm lever	3/4" + 1/2", 3/4" + 1/2" + 3/8" Single lever, fixed	3/4" + 1/2", 3/4" + 1/2" + 3/8" Single lever, det.
A	60 mm	70 mm	70 mm	70 mm
B1	103 mm	143 mm	143 mm	143 mm
B2	136 mm ¹⁾	176 mm ¹⁾	176 mm ¹⁾	176 mm ¹⁾
C	135 mm	160 mm	165 mm	170 mm
D	200 mm	270 mm	290 mm	276 mm
E	40 mm	50 mm	50 mm	50 mm
F	96 mm	121 mm	121 mm	121 mm

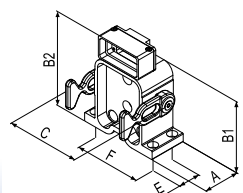
Plug Plate/Combinations

	4 x 3/8"	1/2", 1/2" + 3/8"	3/4" + 1/2", 3/4" + 1/2" + 3/8"
A	72 mm	83 mm	95 mm
B1	101 mm	115 mm	115 mm
B2	134 mm ¹⁾	148 mm	148 mm
C	110 mm	135 mm	135 mm



Support Plate

	4 x 3/8"	all others
A	52 mm	52 mm
B1	103 mm	143 mm
B2	136 mm ¹⁾	176 mm ¹⁾
C	106 mm	141 mm
E	32 mm	30 mm
F	96 mm	121 mm



¹⁾ with electrical plug

Technical Description

Multiple connector system with locking lever and safety locking. Original TEMA plug-profile with spill-proof flat face design. Coupling body/plug fitted with high-flow valve system.

Working Pressure

Max. pressure range:
350 bar (safety factor 4:1)

Attention:

half the number of connections in the respective sizes.

Pressure Eliminator

All plugs are fitted with pressure eliminators to eliminate residual pressures up to maximum working pressure on the plug side (maximum 50 bar on the coupling side).

7-pole Electrical Connection

- Male part (coupling plate)
- Cable: 7 x 1,5 RDOE 5m
- Female part (plug plate)
- Cable: 7 x 1,5 RDOE 3m
- Not IP classified
- Contact block: NBR
- Connector: (pins and casing) bronze, silver plated
- Electric connection box: Thermoplastic (POM)
- Pull relief (cable): PA/NBR
- Max. voltage: 24 V
- Max. current: 16 A*

* For return-current through cable, the total permitted current through the connector is maximum 16 A.

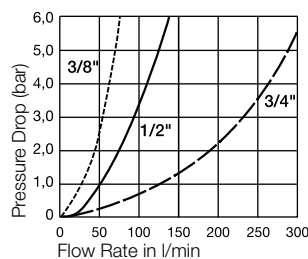
14-pole Electrical Connection

- Delivery exclusive of cables
- Protection category IP 67 (coupled)
- Screwed conductor connector: 0,5 – 1,5 mm²
- Pins and sleeves: copper coated
- Elect. junction box: Aluminium
- Traction relief: PA/NBR 9 – 16 mm
- Max. voltage: 48 V
- Max. current: 10 A per core

Working Temperature

-30°C up to +100°C (NBR/PUR)

Flow Capacity with Oil with Viscosity of 32cSt at 40°C as per ISO 7241/2-2000



Hydraulic Flow:

3/8" – 54 l/min (3 bar press. drop)
1/2" – 97 l/min (3 bar press. drop)
3/4" – 240 l/min (3 bar press. drop)

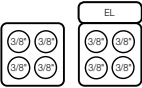



Nominal Diameter in mm:

3/8" – 10
1/2" – 12,5
3/4" – 19

Material	
Coupling-/Plug plates	Aluminium, anodised-blue
Support Plate	Aluminium, anodised-blue
Protective Cap	Aluminium, anodised-blue, NBR-seal
Quick Connect Couplings/-Plugs	Steel, zinc-plated, passivated (Cr3+), movable sleeves made of stainless steel AISI 304
Seals	NBR/PUR; replaceable profile ring on plug side
Locking Mechanism	Steel, zinc-plated, passivated (Cr3+)
Locking Button	Aluminium, anodised-red
Blank Plug	Thermoplastics (POM)

Coupling Plate with Protective Cap (3/8")

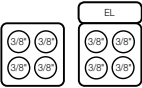
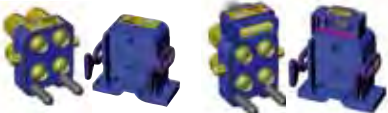
C-Line Standard

	Coupling 3/8"	Electrical Connection (1 pc.)	Blank Plug 3/8"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
 Twin-arm Lever Locking Lever, Locking Button left Side	4			Twin-arm	left	3300	TMFC 3333
	4	14-pole		Twin-arm	left	3600	TMFC 3333 Q
	4			Twin-arm	right	3300	TMFC 3333 R
	4	14-pole		Twin-arm	right	3600	TMFC 3333 QR
 Single Lever, fixed Locking Lever, Locking Button right Side	4			left	left	3300	TMFC 3333 A
	4	14-pole		left	left	3600	TMFC 3333 QA
	4			right	right	3300	TMFC 3333 AAR
	4	14-pole		right	right	3600	TMFC 3333 QAAR
 Single Lever, detachable Locking Lever, Locking Button right Side	4			left	left	3300	TMFC 3333 B
	4	14-pole		left	left	3600	TMFC 3333 QB
	4			right	right	3300	TMFC 3333 BBR
	4	14-pole		right	right	3600	TMFC 3333 QBBR

Protective cap and assembly screws are included in the delivery.

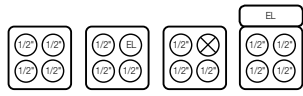
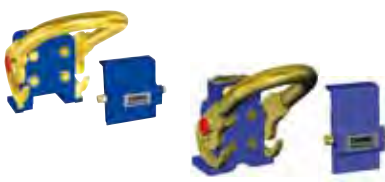

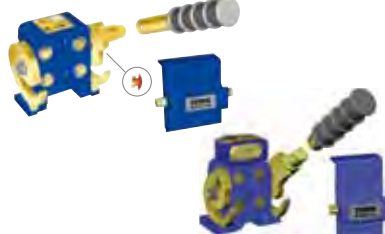
Plug Plate with Support Plate (3/8")

C-Line Standard

	Plug 3/8"	Electrical Connection (1 pc.)	Blank Plug 3/8"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
 The support plate is included. The support plate is supplied complete with assembly kit TM-214K.	4					2900	TMMC 3333
	4	14-pole				3200	TMMC 3333 Q

Coupling Plate with Protective Cap (1/2")

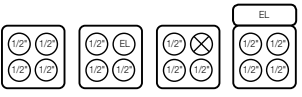
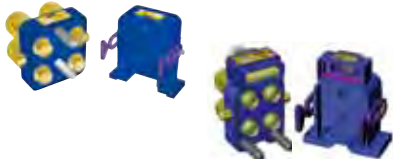
C-Line Standard

		Coupling 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
 Twin-arm Lever		4			Twin-arm	left	5900	TMFC 5555
		4	14-pole		Twin-arm	left	6200	TMFC 5555 Q
		3	7-pole		Twin-arm	left	7100	TMFC 555Y
		3		1	Twin-arm	left	5700	TMFC 555W
		4			Twin-arm	right	5900	TMFC 5555 R
		4	14-pole		Twin-arm	right	6200	TMFC 5555 QR
Locking Lever, Locking Button left Side		3	7-pole		Twin-arm	right	7100	TMFC 555Y R
		3		1	Twin-arm	right	5700	TMFC 555W R
 Single Lever, fixed		4			left	left	5600	TMFC 5555 A
		4	14-pole		left	left	5900	TMFC 5555 QA
		3	7-pole		left	left	6800	TMFC 555Y A
		3		1	left	left	5400	TMFC 555W A
		4			right	right	5600	TMFC 5555 AAR
		4	14-pole		right	right	5900	TMFC 5555 QAAR
Locking Lever, Locking Button right Side		3	7-pole		right	right	6800	TMFC 555Y AAR
		3		1	right	right	5400	TMFC 555W AAR
 Single lever, detachable		4			left	left	5700	TMFC 5555 B
		4	14-pole		left	left	6000	TMFC 5555 QB
		3	7-pole		left	left	6900	TMFC 555Y B
		3		1	left	left	5500	TMFC 555W B
		4			right	right	5700	TMFC 5555 BBR
		4	14-pole		right	right	6000	TMFC 5555 QBBR
Locking Lever, Locking Button right Side		3	7-pole		right	right	6900	TMFC 555Y BBR
		3		1	right	right	5500	TMFC 555W BBR

Protective cap and assembly screws are included in the delivery.

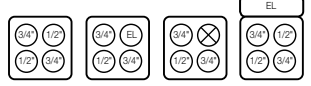



Plug Plate with Support Plate (1/2")

C-Line Standard

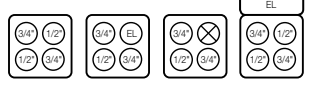

		Plug 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
 Plug Plate with Support Plate		4					5100	TMMC 5555
		4	14-pole				5200	TMMC 5555 Q
		3	7-pole				5400	TMMC 555Y
		3			1		4600	TMMC 555W

Assembly screws and support plate are included in the delivery.

Coupling Plate with Protective Cap (3/4" + 1/2") C-Line Standard



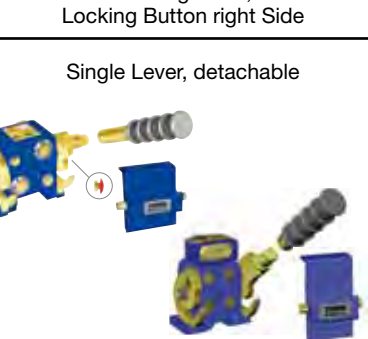
				Coupling 3/4"	Coupling 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number		
 <p>Twin-arm Lever</p>		2	2					Twin-arm	left	6600	TMFC 7755		
		2	2	14-pole				Twin-arm	left	6900	TMFC 7755 Q		
		2	1	7-pole				Twin-arm	left	7800	TMFC 775Y		
		2	1		1			Twin-arm	left	6400	TMFC 775W		
		2	2					Twin-arm	right	6600	TMFC 7755 R		
		2	2	14-pole				Twin-arm	right	6900	TMFC 7755 QR		
		2	1	7-pole				Twin-arm	right	7800	TMFC 775Y R		
		2	1		1			Twin-arm	right	6400	TMFC 775W R		
		 <p>Single Lever, fixed</p>		2	2					left	left	6300	TMFC 7755 A
				2	2	14-pole				left	left	6600	TMFC 7755 QA
2	1			7-pole				left	left	7500	TMFC 775Y A		
2	1				1			left	left	6100	TMFC 775W A		
2	2							right	right	6300	TMFC 7755 AAR		
2	2			14-pole				right	right	6600	TMFC 7755 QAAR		
2	1			7-pole				right	right	7500	TMFC 775Y AAR		
2	1				1			right	right	6100	TMFC 775W AAR		
 <p>Single Lever, detachable</p>				2	2					left	left	6400	TMFC 7755 B
				2	2	14-pole				left	left	6900	TMFC 7755 QB
		2	1	7-pole				left	left	7600	TMFC 775Y B		
		2	1		1			left	left	6200	TMFC 775W B		
		2	2					right	right	6400	TMFC 7755 BBR		
		2	2	14-pole				right	right	6900	TMFC 7755 QBBR		
		2	1	7-pole				right	right	7600	TMFC 775Y BBR		
2	1		1			right	right	6200	TMFC 775W BBR				
Protective cap and assembly screws are included in the delivery.													

Plug Plate with Support Plate (3/4" + 1/2") C-Line Standard

				Plug 3/4"	Plug 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
		2	2							5600	TMMC 7755
		2	2	14-pole						5700	TMMC 7755 Q
		2	1	7-pole						5900	TMMC 775Y
		2	1		1					5100	TMMC 775W
Assembly screws and support plate are included in the delivery.											


Coupling Plate with Protective Cap (3/4" + 1/2" + 3/8")

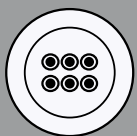
C-Line Standard

					Coupling 3/4"	Coupling 1/2"	Coupling 3/8"	Electrical Connec. (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
 Twin-arm Lever					2	1	1			Twin-arm	left	6600	TMFC 7753
					2	1	1	14-pole		Twin-arm	left	6900	TMFC 7753 Q
					2		1	7-pole		Twin-arm	left	7800	TMFC 77Y3
					2		1		1	Twin-arm	left	6400	TMFC 77W3
					2	1	1			Twin-arm	right	6600	TMFC 7753 R
					2	1	1	14-pole		Twin-arm	right	6900	TMFC 7753 QR
					2		1	7-pole		Twin-arm	right	7800	TMFC 77Y3 R
					2		1			Twin-arm	right	6400	TMFC 77W3 R
 Locking Lever, Locking Button left Side					2	1	1					6300	TMFC 7753 A
					2	1	1	14-pole		left	left	6600	TMFC 7753 QA
					2		1	7-pole		left	left	7400	TMFC 77Y3 A
					2		1		1	left	left	6100	TMFC 77W3 A
					2	1	1			right	right	6300	TMFC 7753 AAR
					2	1	1	14-pole		right	right	6600	TMFC 7753 QAAR
					2		1	7-pole		right	right	7400	TMFC 77Y3 AAR
					2		1		1	right	right	6100	TMFC 77W3 AAR
 Single Lever, fixed Locking Lever, Locking Button right Side					2	1	1			left	left	6400	TMFC 7753 B
					2	1	1	14-pole		left	left	6700	TMFC 7753 QB
					2		1	7-pole		left	left	7600	TMFC 77Y3 B
					2		1		1	left	left	6200	TMFC 77W3 B
					2	1	1			right	right	6400	TMFC 7753 BBR
					2	1	1	14-pole		right	right	6700	TMFC 7753 QBRR
					2		1	7-pole		right	right	7600	TMFC 77Y3 BBR
					2		1		1	right	right	6200	TMFC 77W3 BBR
Protective cap and assembly screws are included in the delivery.													

Plug Plate with Support Plate (3/4" + 1/2" + 3/8")

C-Line Standard

					Plug 3/4"	Plug 1/2"	Plug 3/8"	Electrical Connec. (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
					2	1	1					5300	TMMC 7753
					2	1	1	14-pole				5400	TMMC 7753 Q
					2		1	7-pole				5700	TMMC 77Y3
					2		1		1			4800	TMMC 77W3
Assembly screws and support plate are included in the delivery.													







Multi-Line

C-Line Accessories

Support Plate for Plug Plate








C-Line

	Suitable Plug Plates with Part Number	Version	Weight gr.	Part number
	TMMC 33Y	C-Line Compact	1,1	TMPC 555
	TMMC 33W			
	TMMC 55Y			
	TMMC 55W			
	TMMC 55	C-Line Compact	1,5	TMPC 77
	TMMC 77			
	TMMC 55Q	C-Line Compact	1,6	TMPC 77Q
	TMMC 77Q			
	TMMC 3333	C-Line Standard	1,1	TMPC 3333
	TMMC 3333 Q	C-Line Standard	1,2	TMPC 3333 Q
	TMMC 5533	C-Line Standard	1,5	TMPC 5533
	TMMC 5Y33			
	TMMC 5W33			

	Suitable Plug Plates with Part Number	Version	Weight gr.	Part number
	TMMC 5533 Q	C-Line Standard	1,6	TMPC 5533 Q
	TMMC 5555	C-Line Standard	1,5	TMPC 5555
	TMMC 555Y			
	TMMC 555W			
	TMMC 5555 Q	C-Line Standard	1,6	TMPC 5555 Q
	TMMC 7755	C-Line Standard	1,5	TMPC 7755
	TMMC 775Y			
	TMMC 775W			
	TMMC 7755 Q	C-Line Standard	1,6	TMPC 7755 Q
	TMMC 7753	C-Line Standard	1,5	TMPC 7753
	TMMC 77Y3			
	TMMC 77W3			
	TMMC 7753 Q	C-Line Standard	1,6	TMPC 7753 Q




Protective Caps/Lids

C-Line

	Description	Weight gr.	Part number
	C-Line Compact	0,4	TMDC 1C
	C-Line Standard	0,6	TMDC 2
	C-Line Standard 4 x 3/8"	0,4	TMDC 1
	C-Line Standard 4 x 3/8" incl. 14-pole electrical plug	0,5	TMDC 1Q
	C-Line Standard incl. 14-pole electrical plug	0,7	TMDC 2Q
	C-Line Compact 2 x 3/4" or C-Line Compact 2 x 1/2"	0,5	TMDC 3
	C-Line Compact 2 x 3/4" or C-Line Compact 2 x 1/2" incl. 14-pole electrical plug	0,5	TMDC 3Q

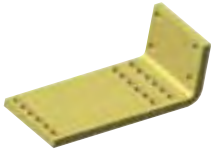


Welding Plate

C-Line

	Description	Weight gr.	Part Number
	Universal welding plate for coupling plate C-Line compact design incl. two welding brackets and assembly screws for the coupling plate.	200	TM-210K
	Universal welding plate for support plate C-Line Standard 4 x 3/8" incl. two welding brackets and assembly screws for the support plate.	300	TM-210K2
	Universal welding plate for support plate C-Line Compact design incl. two welding brackets and assembly screws for the support plate.	300	TM-214K
	Universal installation kit comprising two welding plates for C-Line 2 x 1/2" + 2 x 3/4" incl. associated screws for the C-Line Compact coupling plates.	300	TM-258K



Assembly Brackets

C-Line

	Description	Weight gr.	Part Number
	Universal assembly bracket to be screwed or welded, (excl. screws). Can be cut and adapted to fit various tool carriers. (Self installation).	700	TM-FMP2
	Assembly bracket to be screwed, for Volvo L60-L180 (excl. screws) (for left hand mounting as seen from drivers seat).	1600	TM-FMP3K
	Assembly bracket to be screwed, for Volvo L60-L180 (excl. screws) (for right hand mounting as seen from drivers seat).	1600	TM-FMP4K



Assembly Brackets

C-Line

	Description	Weight gr.	Part Number
	Assembly bracket to be screwed, for Volvo L20-L45 (excl. screws).	700	TM-FMP5K
	Assembly bracket to be screwed, for C-Line compact, for Volvo L20-L45 (excl. screws).	1600	TM-FMP6K

Other Accessories

C-Line

	Description	Weight gr.	Part Number
	Detachable handle - universal	200	TM-220-SP
	Detachable handle (4 x 3/8")	200	TM-242-SP
	Blank plug 3/8" for coupling plates on page 85, 90	30	MF3810P6-PLUGG
	Blank plug 3/8" for coupling plates on page 93	30	MF3810P7-PLUGG
	Blank plug 3/8" for plug plates	30	MF3821-PLUGG
	Blank plug 1/2" for coupling plates on page 85, 90, 91	40	MF5010P6-PLUGG
	Blank plug 1/2" for coupling plates on page 92, 93	50	MF5010P7-PLUGG
	Blank plug 1/2" for plug plates	40	MF5021-PLUGG
	Blank plug 3/4" for coupling plates on page 87, 92, 93	100	MF7510-PLUGG
	Blank plug 3/4" for plug plates	80	MF7521-PLUGG





Electrical Contact

C-Line

	Description	Weight gr.	Part Number
Plug	Electrical plug, short, 7-pole, incl. 5 m cable and installation kit for coupling plate.	1900	TMEM2-P6-SP
	Electrical plug, long, 7-pole, incl. 5 m cable and installation kit for coupling plate.	1900	TMEM2-P7-SP
	Electrical closure, 7-pole, incl. 3 m cable and installation kit for plug plate.	1200	TMEF2-SP
Closure	Electrical plug, short, 7-pole, without cable, incl. installation kit for coupling plate.	100	TMEM2-P6-00
	Electrical plug, long, 7-pole, without cable, incl. installation kit for coupling plate.	200	TMEM2-P7-00
	Electrical closure, 7-pole, without cable, incl. installation kit for plug plate.	100	TMEF2-00



Electrical Contact

C-Line

	Description	Weight gr.	Part Number
	Electrical closure, 14-pole, without cable, incl. installation kit for coupling plate.	300	STA 1410
	Electrical plug, 14-pole, without cable, incl. installation kit for plug plate.	300	STA 1420
	Electrical protective cap with installation kit for plug plate.	100	STA 1415
	Electrical protective cap with installation kit for support plate.	100	STA 1425

Complete Electrical Set

C-Line

	Description	Weight gr.	Part Number
	Complete electrical set, 14-pole, for retrofitting TMFC 3333 and TMMC 3333, incl. protective cap TMDC 1Q	1300	STA 14-K1
	Complete electrical set, 14-pole, for retrofitting TMFC 5533, TMMC 5533 and TMFC 5555, TMMC 5555, incl. protective cap TMDC2Q.	1300	STA 14-K21
	Complete electrical set, 14-pole, for retrofitting TMFC 7755 and TMMC 7755, incl. protective cap TMDC2W7755.	1300	STA 14-K22
	Complete electrical set, 14-pole, for retrofitting TMFC 7753 and TMMC 7753, incl. protective cap TMDC2Q7753.	1300	STA 14-K23
	Complete electrical set, 14-pole, for retrofitting TMFC 55..., TMMC 55 and TMFC 77..., TMMC 77, incl. Protective cap TMDC 3Q.	1300	STA 14-K3





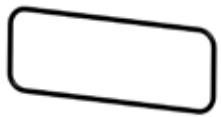


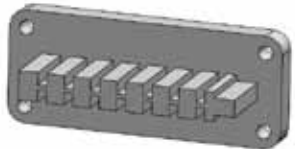
Electrical Cable for 14-pole Electrical Contact





C-Line

	Description	Weight gr.	Part Number
	Electrical cable for 14-pole electrical contact, 18 x 0,75 mm ² , PUR T MPU, running meter.	200	CAB18x075
	Electrical cable for 14-pole electrical contact, 18 x 1,5 mm ² , PUR T MPU, running meter.	400	CAB18x150

Spare Parts Male Coupling Plate

C-Line

	Description	Weight kg	Part Number
	Plug 3/8"	0,3	MF3821-SP
	Plug 1/2"	0,5	MF5021-SP
	Plug 3/4"	0,8	MF7521-SP
	Seal kit for MF3821 (3/8")	0,001	MF3800-PSPU
	Seal kit for MF5021 (1/2")	0,002	MF5000-PSPU
	Seal kit for MF7521 (3/4")	0,002	MF7500-PSPU
	Guiding pin with nut	0,08	TM-101-SP
	O-Ring outer C-Line Standard and Compact with 2 ports	0,005	TM-133-SP
	O-Ring outer C-Line Compact with 3 ports	0,005	TM-204-SP
	O-Ring outer C-Line Standard 4 x 3/8"	0,002	TM-230-SP
	Rubber loop for support plate. 2 rubber loops with washer and screw.	0,05	TM-158-SP
	Electrical plug, 14-pole	0,03	STA14F-SP

	Description	Weight kg	Part Number
	Coupling 3/8"	0,2	MF3810-SP
	Coupling 1/2"	0,2	MF5010-SP
	Coupling 3/4"	0,6	MF7510-SP
	Coupling 3/8" long; all versions with 3/4"	0,2	MF3810 P7-SP
	Coupling 1/2" long; all versions with 3/4"	0,3	MF5010 P7-SP
	Locking Device	0,03	TM-219-SP
	Locking Button	0,03	TM-103-SP
	Electrical closure, 14-pole	0,04	STA14S-SP