



Body Size

1/2"

Multi-Couplings

MACH-Series

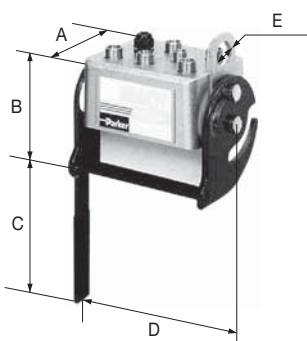


Technical Performance Data

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

Top Connector (Coupling Plate)

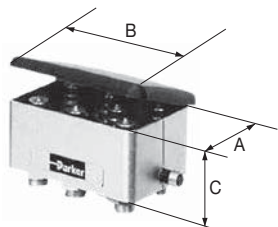
This top connector unit includes the top casting and automatic protective cover, 4 to 7 female quick couplings and a complete locking system. In the most common version with 7 lines, the top connector is also equipped with a 6 line male electrical connector as a standard feature.



	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

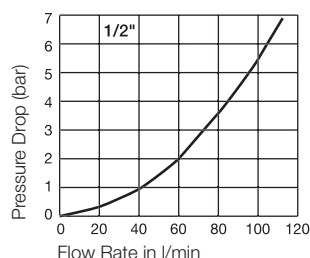
Working Pressure

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

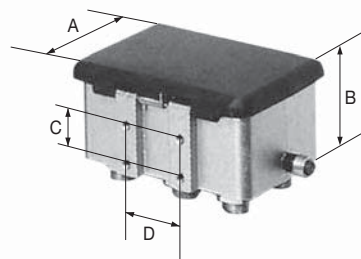


Material

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"	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	MACH 7T

Plug Plate

MACH-Series

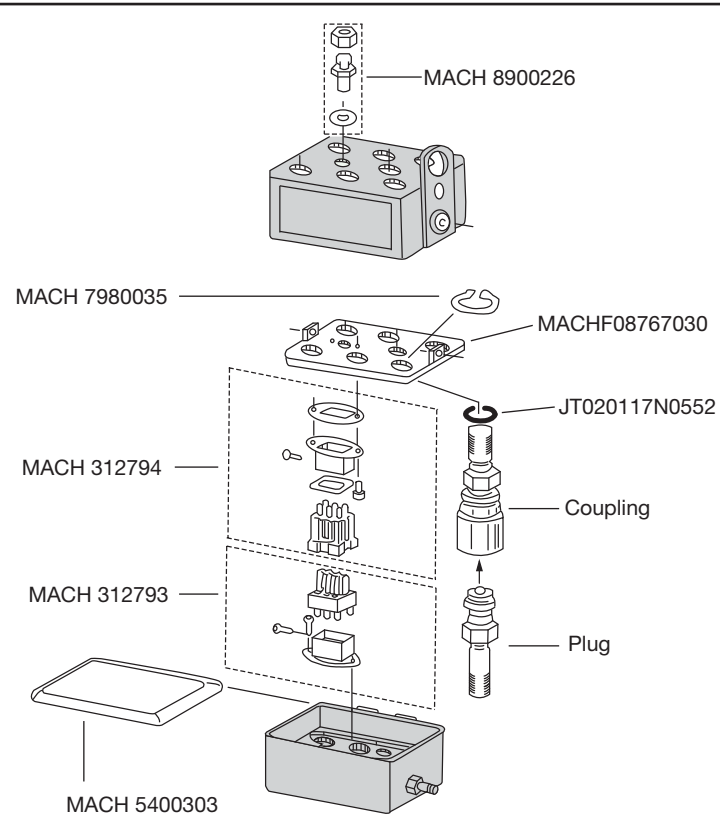
	Body Size	Number of Hydraulic Lines	Number of Threads DIN2353 15L (M22x1,5)	Number of Threads DIN2353 12L (M18x1,5)	Electrical Connector	Part Number
	1/2"	4	4	0	without	MACH4/715LB
	1/2"	5	5	0	with	MACH5/715LBE
	1/2"	6	6	0	without	MACH6/715LB
	1/2"	6	6	0	with	MACH6/715LBE
	1/2"	7	6	1	with	MACH 7B

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
Female Electrical Plug Kit		MACH 312794
Male Electrical Plug Kit		MACH 312793
Grommet		MACH 8900226
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 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

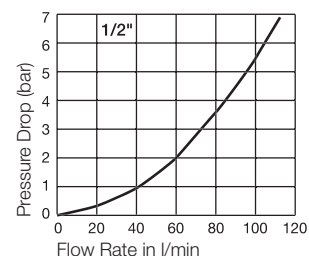
Working Pressure

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

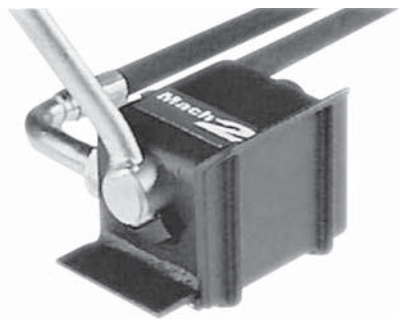


Technical Performance Data

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

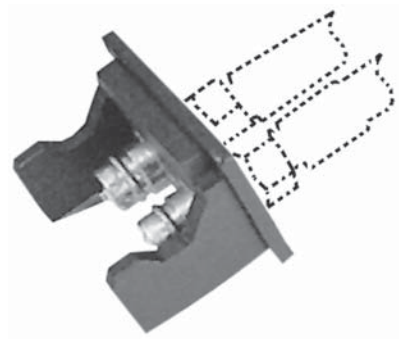
Connecting box (Coupling Plate)

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.

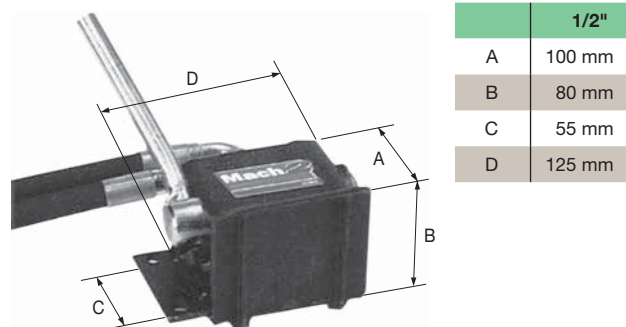


Material

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

Installation

Mechanical attachment: 2 mounting holes Ø 8,5 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" and 1/2"

Multi-Couplings

I-Connect 2+®



Connection under pressure

	Male Type	Standard	With Pressure Eliminator
	Number of lines under pressure	2	4
Pressure (male side)	< 50 bar	YES	YES
Pressure (male side)	50 up to 250 bar	NO	YES

Technical Description

Multiple connector system with four lines for various hydraulic applications. Plates are made of aluminium for a light weight. Dust caps made of thermoplastic to protect the disconnected couplings against dust and dirt from the environment.

The I-Connect 2+ Multi-Coupling system is a registered trademark.

Advantages

- Multiposition lever to adapt to the customer needs
- Safety locking
- Light weight
- Versions with couplings with pressure eliminator available as an option
- 3/8" & 1/2" couplings can be mounted on the same plate

Applications

- Agricultural (can be mounted directly on standard front loader valves, hedge cutters, ...)
- Road service vehicles (roadsystems lorries, road sweepers, snowploughs,...)
- Industrial Applications

Working Pressure

250 bar

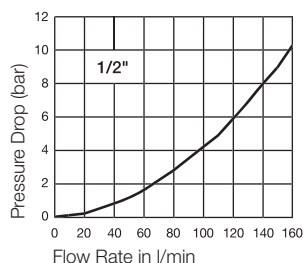
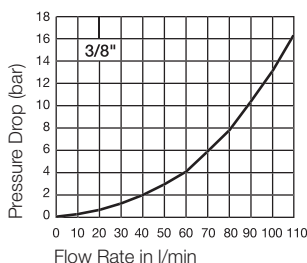
Working Temperature

-30°C up to +100°C (NBR) depending on the medium. Special seals are available on request.

Material

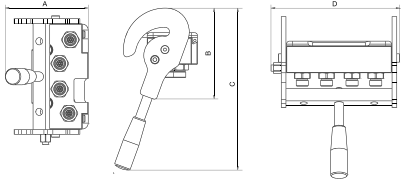
Couplings and Plugs	Steel, Zn-Cr III plated
Support Plate	Aluminium
Seals	NBR
Locking Mechanism	Steel, Zn-Cr III plated
Protective Cap	Thermoplastic

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



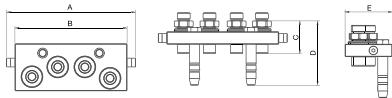
Coupling Plate

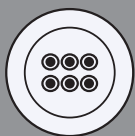
I-Connect 2+®

	Coupling Size	Couplings Threaded Connection	A mm	B mm	C mm	D mm	E mm	Weight gr.	Part Number
	3/8"	G 1/2 (ISO 1179-1)	175	149	307	227		4000	MCC-371-0404-02-8FB
	1/2"	G 1/2 (ISO 1179-1)	175	149	307	227		4000	MCC-501-0404-02-8FB

Plug Plate

I-Connect 2+®

	Plug Size	Plug Threaded Connection	A mm	B mm	C mm	D mm	E mm	Weight gr.	Part Number
	3/8"	G 1/2 (ISO 1179-1)	213	178	69	115	75	1800	MCC-372-0404-02-8FB
	1/2"	G 1/2 (ISO 1179-1)	213	178	69	115	75	1800	MCC-502-0404-02-8FB

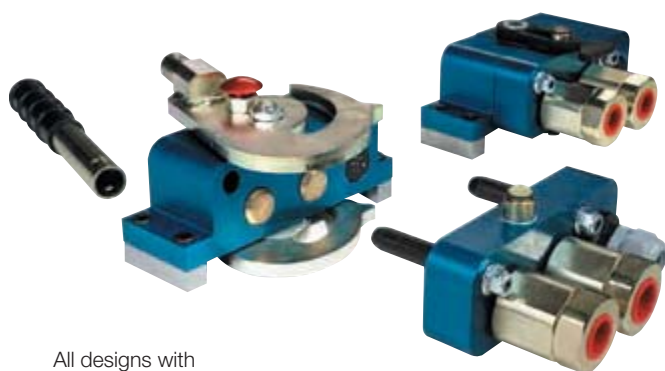


Body Size

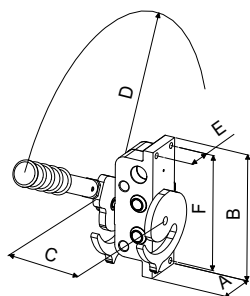
3/8" up to 1/2"

Multi-Line

C-Line Compact



All designs with female thread.

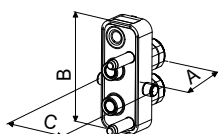


Coupling Plate/Combinations

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

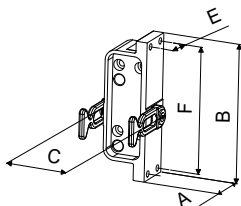
Plug Plate/Combinations

	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. Adjustable angle on the lever 0 - 180° in steps of 30°.

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)

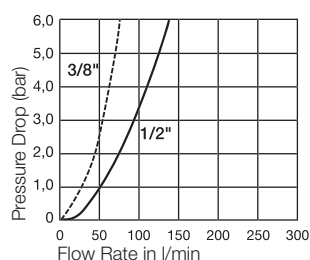
Working Pressure

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

Attention:

To retain the design factor, only half the number of couplings of one size may be pressurised simultaneously.

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	TMFC33YBBR*
		2		1	right	right	4800	TMFC33WBBR*
		2	7-pole		left	left	6000	TMFC33YB**
		2		1	left	left	4800	TMFC33WB**
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	TMMC33Y
		2		1			2800	TMMC33W
The support plate is included.								
The support plate is supplied complete with assembly kit TM-214K.								

PE

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	TMFC55YBBR*
		2		1	right	right	4800	TMFC55WBBR*
		2	7-pole		left	left	6100	TMFC55YB**
		2		1	left	left	4800	TMFC55WB**
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	TMMC55Y
		2		1			3300	TMMC55W
The support plate is included.								
The support plate is supplied complete with assembly kit TM-214K.								

PE

* 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

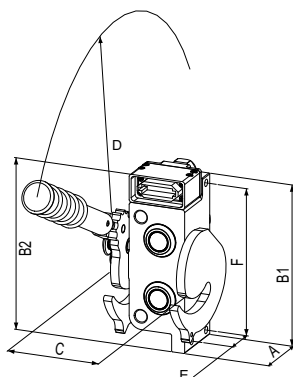
1/2" up to 3/4"

Multi-Line

C-Line Compact

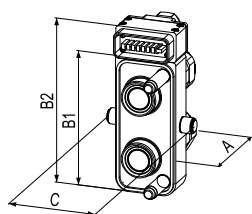


All designs with female thread.



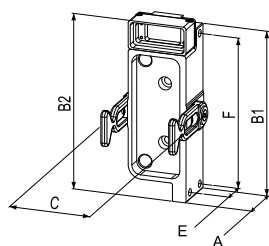
Coupling Plate/Combinations

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.

Adjustable angle on the lever 0-180° in steps of 30°.

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 without 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)

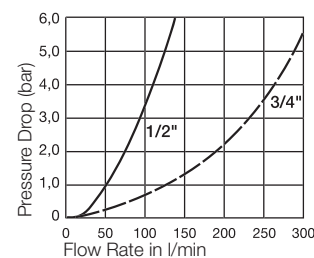
Working Pressure

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

Attention:

To retain the design factor, only half the number of couplings of one size may be pressurised simultaneously.

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



Coupling 1/2"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
2			left	left	5100	TMFC55B**
2	14-pole		left	left	5400	TMFC55QB**
2			right	right	5100	TMFC55BBR*
2	14-pole		right	right	5400	TMFC55QBBR*
The protective cap is included.						
The coupling plate is supplied complete with assembly kit TM-210K.						

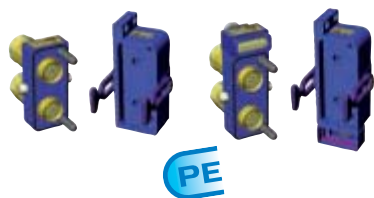
Locking Lever, detachable
Locking Button right Side

Plug Plate with Support Plate (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	TMMC55
2	14-pole				3900	TMMC55Q
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



Coupling 3/4"	Electrical Connection (1 pc.)	Blank Plug 3/4"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
2			left	left	5100	TMFC77B**
2	14-pole		left	left	5400	TMFC77QB**
2			right	right	5100	TMFC77BBR*
2	14-pole		right	right	5400	TMFC77QBBR*
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 (3/4")

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	TMMC77
2	14-pole				3900	TMMC77Q
The support plate is included.						
The support plate is supplied complete with assembly kit TM-214K.						



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** 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).

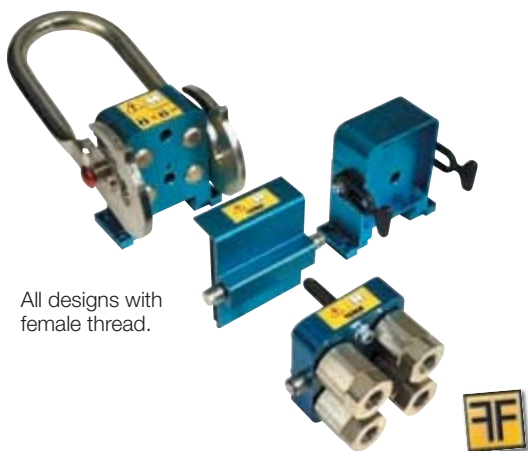


Body Size

3/8" up to 3/4"

Multi-Line

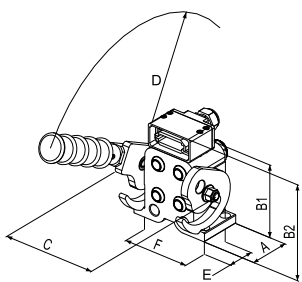
C-Line Standard



All designs with female thread.

Coupling Plate/Combinations

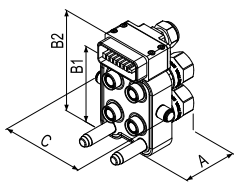
	3/8", 1/2", 3/8" + 1/2" Twin-arm lever	3/8", 1/2", 3/8" + 1/2" Single lever, fixed	3/8", 1/2", 3/8" + 1/2" Single lever, detachable
A	60 mm	60 mm	60 mm
B1	143 mm	143 mm	143 mm
B2	176 mm	176 mm	176 mm
C	160 mm	165 mm	170 mm
D	270 mm	290 mm	276 mm
E	40 mm	40 mm	40 mm
F	121 mm	121 mm	121 mm



	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

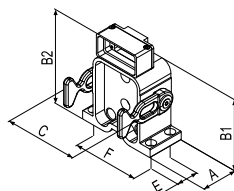
Plug Plate/Combinations

	4 x 3/8"	1/2", 3/8" + 1/2"	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 (design factor 4:1)

Attention:

To retain the design factor, only half the number of couplings of one size may be pressurised simultaneously.

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.

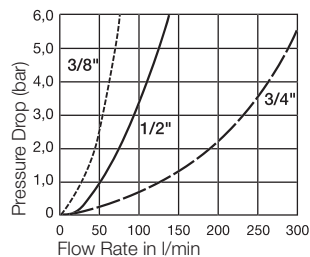
14-pole Electrical Connection

- Delivery without 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:

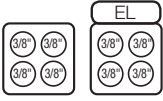
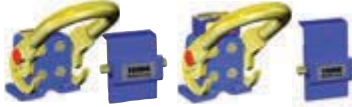


3/8" – 10
1/2" – 12,5
3/4" – 19

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")


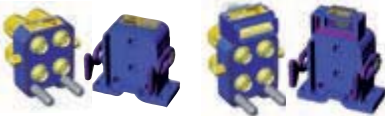

C-Line Standard

	Coupling 3/8"	Electrical Connection (1 pc.)	Blank Plug 3/8"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
 <p>Twin-arm Lever</p>  <p>Locking Lever, Locking Button left Side</p>	4			Twin-arm	left	3300	TMFC3333
	4	14-pole		Twin-arm	left	3600	TMFC3333Q
	4			Twin-arm	right	3300	TMFC3333R
	4	14-pole		Twin-arm	right	3600	TMFC3333QR
<p>Single Lever, fixed</p>  <p>Locking Lever, Locking Button right Side</p>	4			left	left	3300	TMFC3333A
	4	14-pole		left	left	3600	TMFC3333QA
	4			right	right	3300	TMFC3333AAR
	4	14-pole		right	right	3600	TMFC3333QAAR
<p>Single Lever, detachable</p>  <p>Locking Lever, Locking Button right Side</p>	4			left	left	3300	TMFC3333B
	4	14-pole		left	left	3600	TMFC3333QB
	4			right	right	3300	TMFC3333BBR
	4	14-pole		right	right	3600	TMFC3333QBRR

Protective cap and assembly screws are included in the delivery.

Plug Plate with Support Plate (3/8")

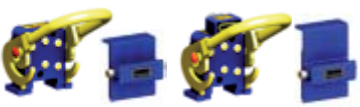


C-Line Standard

	Plug 3/8"	Electrical Connection (1 pc.)	Blank Plug 3/8"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
  	4					2900	TMMC3333
	4	14-pole				3200	TMMC3333Q

The support plate is included.


Assembly screws and support plate included in the delivery.

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	6			Twin-arm	left	3300	TMFC333333	
	6	14-pole		Twin-arm	left	3600	TMFC333333Q	
	6			Twin-arm	right	3300	TMFC333333R	
	6	14-pole		Twin-arm	right	3600	TMFC333333QR	
	6							
	6							
	6							
	6							
 Single Lever, fixed Locking Lever, Locking Button right Side	6			left	left	3300	TMFC333333A	
	6	14-pole		left	left	3600	TMFC333333QA	
	6			right	right	3300	TMFC333333AAR	
	6	14-pole		right	right	3600	TMFC333333QAAR	
	6							
	6							
	6							
	6							
 Single Lever, detachable Locking Lever, Locking Button right Side	6			left	left	3300	TMFC333333B	
	6	14-pole		left	left	3600	TMFC333333QB	
	6			right	right	3300	TMFC333333BBR	
	6	14-pole		right	right	3600	TMFC333333QBRR	
	6							
	6							
	6							
	6							

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	
 PE	6					2900	TMMC333333	
	6	14-pole				3200	TMMC333333Q	

Assembly screws and support plate are included in the delivery.






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

C-Line Standard

						Coupling 1/2"	Coupling 3/8"	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	5900	TMFC5533
	2	2	14-pole							Twin-arm	left	6200	TMFC5533Q
	1	2	7-pole							Twin-arm	left	7100	TMFC5Y33
	1	2				1				Twin-arm	left	5700	TMFC5W33
	2	2								Twin-arm	right	5900	TMFC5533R
	2	2	14-pole							Twin-arm	right	6200	TMFC5533QR
	1	2	7-pole							Twin-arm	right	7100	TMFC5Y33R
	1	2				1				Twin-arm	right	5700	TMFC5W33R
 <p>Single Lever, fixed</p>	2	2								left	left	5500	TMFC5533A
	2	2	14-pole							left	left	5800	TMFC5533QA
	1	2	7-pole							left	left	6700	TMFC5Y33A
	1	2				1				left	left	5400	TMFC5W33A
	2	2								right	right	5500	TMFC5533AAR
	2	2	14-pole							right	right	5800	TMFC5533QAAR
	1	2	7-pole							right	right	6700	TMFC5Y33AAR
	1	2				1				right	right	5400	TMFC5W33AAR
 <p>Single Lever, detachable</p>	2	2								left	left	5700	TMFC5533B
	2	2	14-pole							left	left	6000	TMFC5533QB
	1	2	7-pole							left	left	6900	TMFC5Y33B
	1	2				1				left	left	5500	TMFC5W33B
	2	2								right	right	5700	TMFC5533BBR
	2	2	14-pole							right	right	6000	TMFC5533QBBR
	1	2	7-pole							right	right	6900	TMFC5Y33BBR
	1	2				1				right	right	5500	TMFC5W33BBR
Protective cap and assembly screws are included in the delivery.													

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

C-Line Standard

						Plug 1/2"	Plug 3/8"	Electrical Connection (1 pc.)	Blank Plug 1/2"	Locking Lever Pos.	Locking Button	Weight gr.	Part Number
 <p>PE</p>	2	2										4600	TMMC5533
	2	2	14-pole									4700	TMMC5533Q
	1	2	7-pole									4900	TMMC5Y33
	1	2				1						4100	TMMC5W33
	Assembly screws and support plate are included in the delivery.												

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	TMFC5555
		4	14-pole		Twin-arm	left	6200	TMFC5555Q
		3	7-pole		Twin-arm	left	7100	TMFC555Y
		3		1	Twin-arm	left	5700	TMFC555W
		4			Twin-arm	right	5900	TMFC5555R
		4	14-pole		Twin-arm	right	6200	TMFC5555QR
		3	7-pole		Twin-arm	right	7100	TMFC555YR
		3		1	Twin-arm	right	5700	TMFC555WR
Locking Lever, Locking Button left Side 		4			left	left	5600	TMFC5555A
		4	14-pole		left	left	5900	TMFC5555QA
		3	7-pole		left	left	6800	TMFC555YA
		3		1	left	left	5400	TMFC555WA
		4			right	right	5600	TMFC5555AAR
		4	14-pole		right	right	5900	TMFC5555QAAR
		3	7-pole		right	right	6800	TMFC555YAAR
		3		1	right	right	5400	TMFC555WAAR
Single Lever, fixed 		4			left	left	5700	TMFC5555B
		4	14-pole		left	left	6000	TMFC5555QB
		3	7-pole		left	left	6900	TMFC555YB
		3		1	left	left	5500	TMFC555WB
		4			right	right	5700	TMFC5555BBR
		4	14-pole		right	right	6000	TMFC5555QBRR
		3	7-pole		right	right	6900	TMFC555YBBR
		3		1	right	right	5500	TMFC555WBBR
Single lever, detachable 	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
		4					5100	TMMC5555
		4	14-pole				5200	TMMC5555Q
		3	7-pole				5400	TMMC555Y
		3		1			4600	TMMC555W
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	TMFC7755	
						2	2	14-pole		Twin-arm	left	6900	TMFC7755Q	
						2	1	7-pole		Twin-arm	left	7800	TMFC775Y	
						2	1		1	Twin-arm	left	6400	TMFC775W	
						2	2			Twin-arm	right	6600	TMFC7755R	
						2	2	14-pole		Twin-arm	right	6900	TMFC7755QR	
						2	1	7-pole		Twin-arm	right	7800	TMFC775YR	
 <p>Locking Lever, Locking Button left Side</p>						2	1		1	Twin-arm	right	6400	TMFC775WR	
	 <p>Single Lever, fixed</p>					2	2			left	left	6300	TMFC7755A	
							2	2	14-pole		left	left	6600	TMFC7755QA
						2	1	7-pole		left	left	7500	TMFC775YA	
						2	1		1	left	left	6100	TMFC775WA	
						2	2			right	right	6300	TMFC7755AAR	
						2	2	14-pole		right	right	6600	TMFC7755QAAR	
						2	1	7-pole		right	right	7500	TMFC775YAAR	
 <p>Locking Lever, Locking Button right Side</p>								1	right	right	6100	TMFC775WAAR		
	 <p>Single Lever, detachable</p>					2	2			left	left	6400	TMFC7755B	
							2	2	14-pole		left	left	6900	TMFC7755QB
							2	1	7-pole		left	left	7600	TMFC775YB
							2	1		1	left	left	6200	TMFC775WB
							2	2			right	right	6400	TMFC7755BBR
							2	2	14-pole		right	right	6900	TMFC7755QBRR
						2	1	7-pole		right	right	7600	TMFC775YBBR	
 <p>Locking Lever, Locking Button right Side</p>								1	right	right	6200	TMFC775WBRR		

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
 <p>PE</p>						2	2					5600	TMMC7755
						2	2	14-pole				5700	TMMC7755Q
						2	1	7-pole				5900	TMMC775Y
						2	1		1			5100	TMMC775W

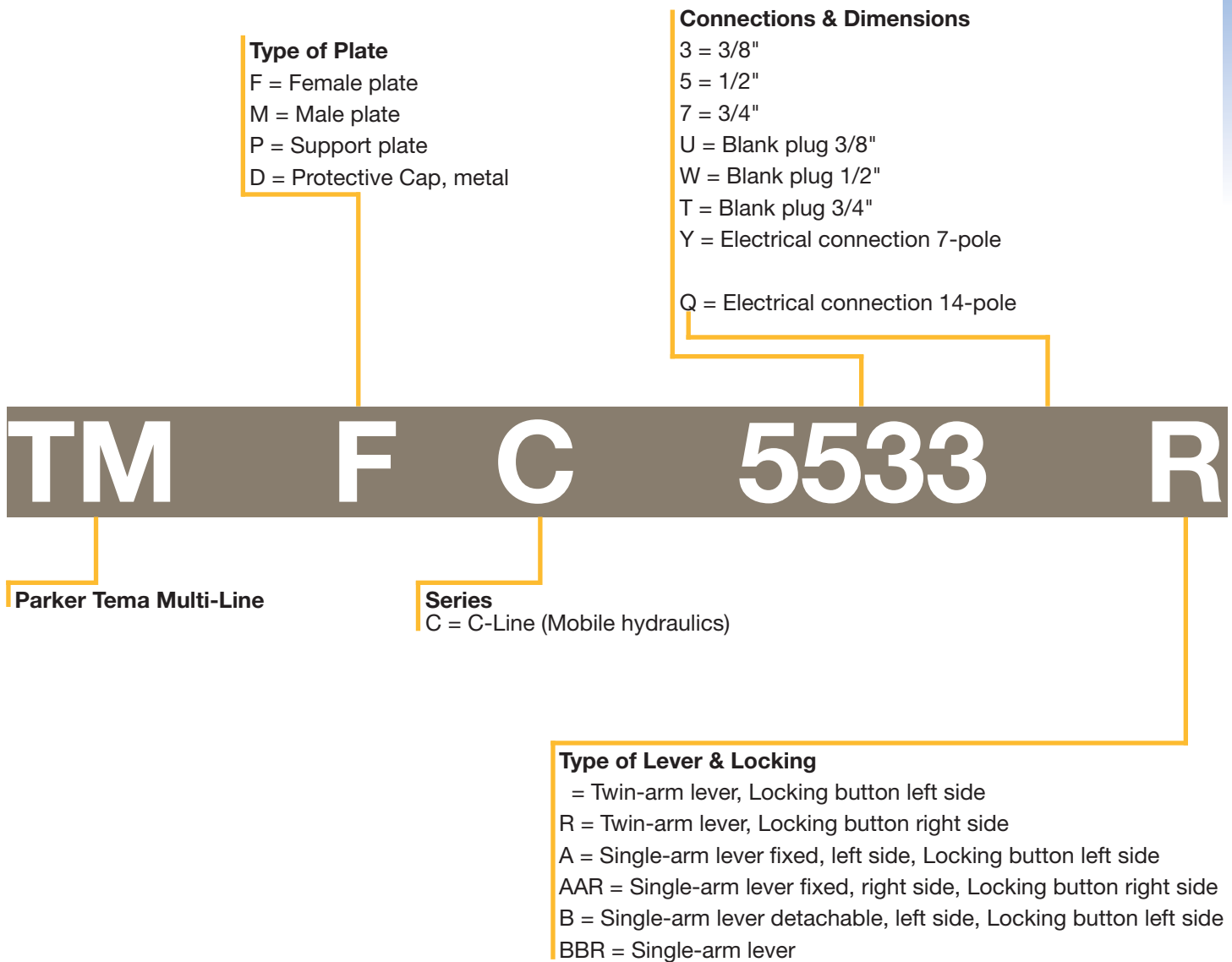
Assembly screws and support plate are included in the delivery.

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
<div style="display: flex; align-items: center;"> </div> <p>Twin-arm Lever</p>	2	1	1			Twin-arm	left	6600	TMFC7753
	2	1	1	14-pole		Twin-arm	left	6900	TMFC7753Q
	2		1	7-pole		Twin-arm	left	7800	TMFC77Y3
	2		1		1	Twin-arm	left	6400	TMFC77W3
	2	1	1			Twin-arm	right	6600	TMFC7753R
	2	1	1	14-pole		Twin-arm	right	6900	TMFC7753QR
	2		1	7-pole		Twin-arm	right	7800	TMFC77Y3R
	2		1			Twin-arm	right	6400	TMFC77W3R
<p>Locking Lever, Locking Button left Side</p>	2	1	1			left	left	6300	TMFC7753A
	2	1	1	14-pole		left	left	6600	TMFC7753QA
	2		1	7-pole		left	left	7400	TMFC77Y3 A
	2		1		1	left	left	6100	TMFC77W3A
	2	1	1			right	right	6300	TMFC7753AAR
	2	1	1	14-pole		right	right	6600	TMFC7753QAAR
	2		1	7-pole		right	right	7400	TMFC77Y3AAR
	2		1		1	right	right	6100	TMFC77W3AAR
<p>Single Lever, fixed</p> <p>Locking Lever, Locking Button right Side</p>	2	1	1			left	left	6400	TMFC7753B
	2	1	1	14-pole		left	left	6700	TMFC7753QB
	2		1	7-pole		left	left	7600	TMFC77Y3B
	2		1		1	left	left	6200	TMFC77W3B
	2	1	1			right	right	6400	TMFC7753BBR
	2	1	1	14-pole		right	right	6700	TMFC7753QBBR
	2		1	7-pole		right	right	7600	TMFC77Y3BBR
	2		1		1	right	right	6200	TMFC77W3BBR
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
<div style="display: flex; align-items: center;"> </div>	2	1	1					5300	TMMC7753
	2	1	1	14-pole				5400	TMMC7753Q
	2		1	7-pole				5700	TMMC77Y3
	2		1		1			4800	TMMC77W3
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
	TMMC33Y	C-Line Compact	1100	TMPC555
	TMMC33W			
	TMMC55Y			
	TMMC55W			
	TMMC55	C-Line Compact	1500	TMPC77
	TMMC77			
	TMMC55Q	C-Line Compact	1600	TMPC77Q
	TMMC77Q			
	TMMC3333	C-Line Standard	1100	TMPC3333
	TMMC3333Q	C-Line Standard	1200	TMPC3333Q
	TMMC5533	C-Line Standard	1500	TMPC5533
	TMMC5Y33			
	TMMC5W33			




Support Plate for Plug Plate

C-Line

	Suitable Plug Plates with Part Number	Version	Weight gr.	Part number
	TMMC5533Q	C-Line Standard	1600	TMPC5533Q
	TMMC5555	C-Line Standard	1500	TMPC5555
	TMMC555Y			
	TMMC555W			
	TMMC5555Q	C-Line Standard	1600	TMPC5555Q
	TMMC7755	C-Line Standard	1500	TMPC7755
	TMMC775Y			
	TMMC775W			
	TMMC7755Q	C-Line Standard	1600	TMPC7755Q
	TMMC7753	C-Line Standard	1500	TMPC7753
	TMMC77Y3			
	TMMC77W3			
	TMMC7753Q	C-Line Standard	1600	TMPC7753Q



Protective Caps/Lids **C-Line**

	Description	Weight gr.	Part number
	C-Line Compact	400	TMDC1C-SP
	C-Line Standard	600	TMDC2-SP
	C-Line Standard 4 x 3/8"	400	TMDC1-SP
	C-Line Standard 4 x 3/8" incl. 14-pole electrical plug	500	TMDC1Q-SP
	C-Line Standard incl. 14-pole electrical plug for TMFC7753Q for TMFC7755Q	700 700 700	TMDC2Q-SP TMDC2Q7753-SP TMDC2Q7755-SP
	C-Line Compact 2 x 3/4" or C-Line Compact 2 x 1/2"	500	TMDC3-SP
	C-Line Compact 2 x 3/4" or C-Line Compact 2 x 1/2" incl. 14-pole electrical plug	500	TMDC3Q-SP

	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. Universal welding plate for support plate C-Line Compact design incl. two welding brackets and assembly screws for the support plate.	300	TM-210K2
	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



Other Accessories

C-Line

	Description	Weight gr.	Part Number
	Detachable handle - universal	250	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	20	DUT-466579
	Blank plug 3/4" for plug plates	20	DUT-466579





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
Closure 	Electrical closure, 7-pole, incl. 3 m cable and installation kit for plug plate.	1200	TMEF2-SP
	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 TMFC3333 and TMMC3333, incl. protective cap TMDC1Q	1300	STA 14-K1
	Complete electrical set, 14-pole, for retrofitting TMFC 5533, TMMC 5533 and TMFC5555, TMMC5555, incl. protective cap TMDC2Q.	1300	STA 14-K21
	Complete electrical set, 14-pole, for retrofitting TMFC7755 and TMMC7755, incl. protective cap TMDC2W7755.	1300	STA 14-K22
	Complete electrical set, 14-pole, for retrofitting TMFC 7753 and TMMC7753, incl. protective cap TMDC2Q7753.	1300	STA 14-K23
	Complete electrical set, 14-pole, for retrofitting TMFC 55..., TMMC 55 and TMFC77..., TMMC77, incl. Protective cap TMDC3Q.	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 TPU, running meter.	200	CAB18x075
	Electrical cable for 14-pole electrical contact, 18 x 1,5 mm ² , PUR TPU, running meter.	400	CAB18x150

Spare Parts Male Coupling Plate

C-Line

	Description	Weight gr.	Part Number
	Plug 3/8"	300	MF3821-SP
	Plug 1/2"	500	MF5021-SP
	Plug 3/4"	800	MF7521-SP
	Seal kit for MF3821 (3/8")	1	MF3800-PSPU
	Seal kit for MF5021 (1/2")	2	MF5000-PSPU
	Seal kit for MF7521 (3/4")	2	MF7500-PSPU
	Guiding pin with nut	80	TM-101-SP
	O-Ring outer C-Line Standard and Compact with 2 ports	5	TM-133-SP
	O-Ring outer C-Line Compact with 3 ports	5	TM-204-SP
	O-Ring outer C-Line Standard 4 x 3/8"	2	TM-230-SP
	Rubber loop for support plate. 2 rubber loops with washer and screw.	50	TM-158-SP
	Electrical plug, 14-pole	30	STA14F-SP

Spare Parts Female Coupling Plate

C-Line

	Description	Weight gr.	Part Number
	Coupling 3/8"	200	MF3810-SP
	Coupling 1/2"	200	MF5010-SP
	Coupling 3/4"	600	MF7510-SP
	Coupling 3/8" long; all versions with 3/4"	200	MF3810 P7-SP
	Coupling 1/2" long; all versions with 3/4" and C-line Compact 1/2" up to 3/4"	300	MF5010 P7-SP
	Locking Device	30	TM-219-SP
	Locking Device 4 x 3/8"	30	TM-231-SP
	Locking Button	30	TM-103-SP
	Lever socket	290	TM-261-SP
	Electrical closure, 14-pole	40	STA14S-SP
	Pressure screw	50	GN615KSNM8-SP
	Smalley ring	10	SW13R-SP
	Bushing	5	TM-187-SP