

SERIE MPT



FLEXQ

CONNECTORS



MPT

Standard profile



Flow Size

MPT 09 - 09 mm
MPT 12 - 12 mm
MPT 16 - 16 mm



Number of Connections

MPT 09 - 6-24
MPT 12 - 6-20
MPT 16 - 12



Pressure

16 bar



Temperature range

-5°C +160°C FPM (V)
-5°C +200°C FPM (V)

Water
Heating Oil

SPECIFICATIONS

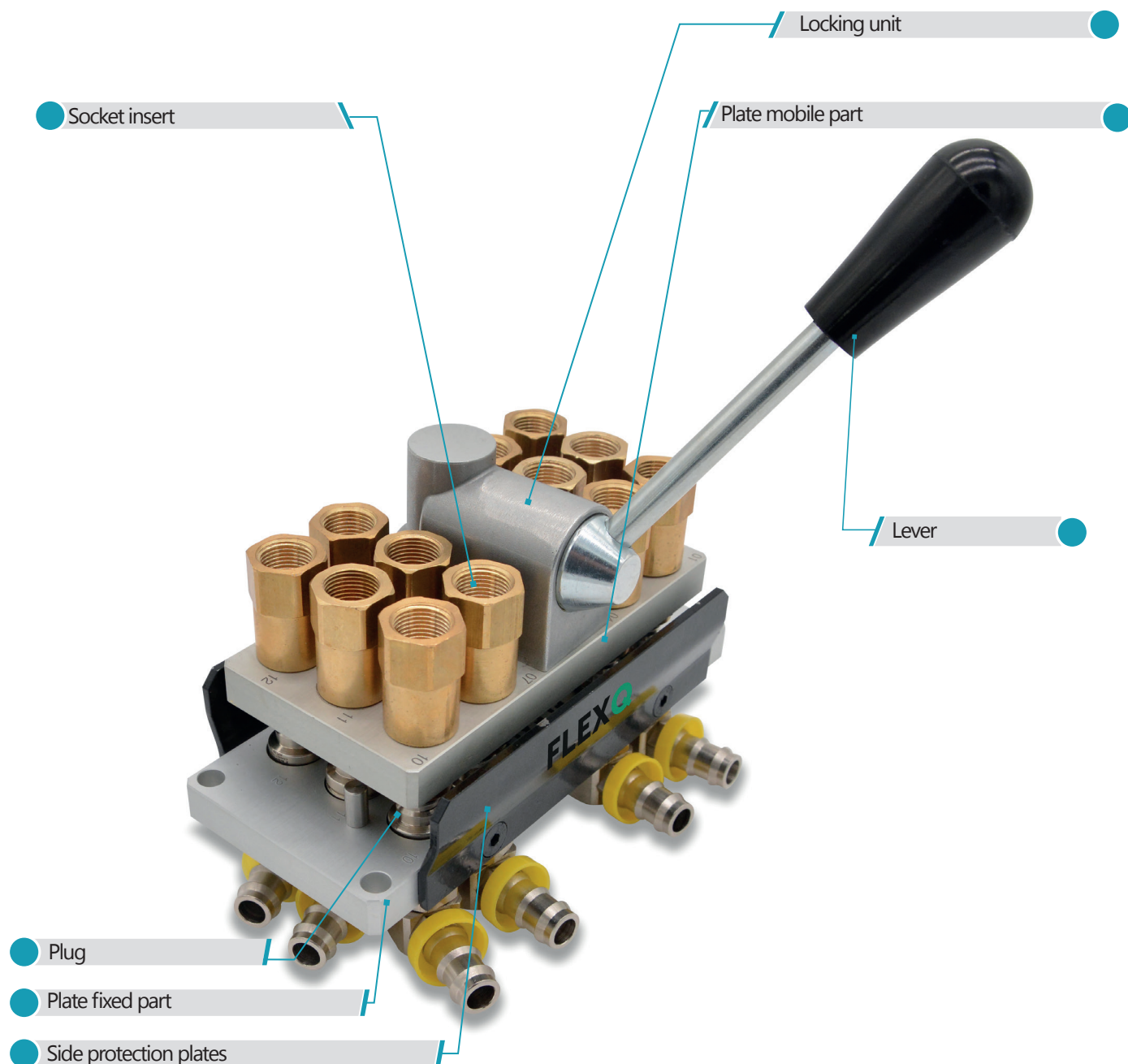
Tool set-up optimization through central locking
Avoidance of mistakes through fixed position of hoses on the plates
Many connection options
The connectors are compatible with the monocouplings of the series MPT

OPTIONS

Colour coding of the plates
Stainless Steel option for plates, connectors and locking unit
High temperature option for connectors
Safety locking unit

APPLICATIONS

Thermo regulation
Injection moulding
Die casting
Test benches



Multicoupling Series MPT

Mobile part Item Codes

 **9mm**



MP MPT 09 - C - X

MP Mobile part

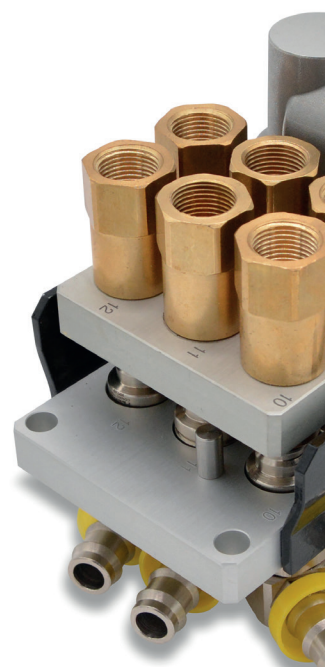
MPT MPT profil

09 Flow size

C Connections

6	3 Circuits
8	4 Circuits
12	6 Circuits
16	8 Circuits
20	10 Circuits
24	12 Circuits

X Socket insert



Socket with valve



FHFB 10 Standard hose type Ø 10mm

FHFB 12 Standard hose type Ø 12mm



FPB 10 Clampless hose type Ø 10mm

FPB 13 Clampless hose type Ø 12mm



FFB 38 Female thread BSP 3/8"

Socket without valve



FHF 10 Standard hose type Ø 10mm

FHF 12 Standard hose type Ø 12mm



FPF 10 Clampless hose type Ø 10mm

FPF 13 Clampless hose type Ø 12mm



FFF 38 Female thread BSP 3/8"

Multicoupling Series MPT

Fixed part Item Codes

FP MPT 09 C - X - Y

Elbow **Y**

Plug insert **X**

Connections **C**

6	3 Circuits
8	4 Circuits
12	6 Circuits
16	8 Circuits
20	10 Circuits
24	12 Circuits

Flow size **09**

MPT profile **MPT**

Fixed part **FP**

Plug with valve



MHB 10 Standard hose type Ø 10mm
MHB 12 Standard hose type Ø 12mm



MPB 10 Clampless hose type Ø 10mm
MPB 13 Clampless hose type Ø 12mm



MFB 38 Female thread BSP 3/8"

Plug without valve



MHF 10 Standard hose type Ø 10mm
MHF 12 Standard hose type Ø 12mm



MPF 10 Clampless hose type Ø 10mm
MPF 13 Clampless hose type Ø 12mm

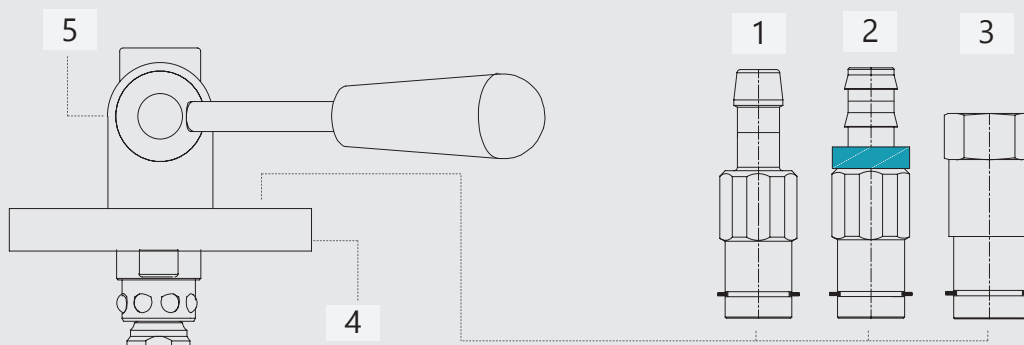


MFF 38 Female thread BSP 3/8"

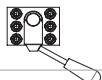
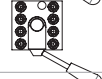
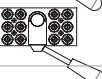
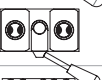
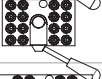
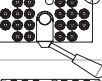
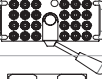
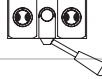
Multicoupling Series MPT

Mobile part Item Equipment

9mm



Assemblies	N	With valve	Without valve	Description
	1	MP MPT.09-X FHB 10	MP MPT.09-X FHF 10	Standard hose tail Ø 10mm
		MP MPT.09-X FHB 12	MP MPT.09-X FHF 12	Standard hose tail Ø 12mm
	2	MP MPT.09-X FPB 10	MP MPT.09-X FPF 10	Clampless hose tail Ø 10mm
		MP MPT.09-X FPB 13	MP MPT.09-X FPF 13	Clampless hose tail Ø 13mm
	3	MP MPT.09-X FFB 38	MP MPT.09-X FFF 38	Female thread BSP 3/8"
		MP MPT.09-X FNB 38	MP MPT.09-X FNF 38	Female thread NPT 3/8"
		MP MPT.09-12 10 C		Collector with female thread BSP 1"
		MP MPT.09-20 114 C		Collector with female thread BSP 1 1/4"

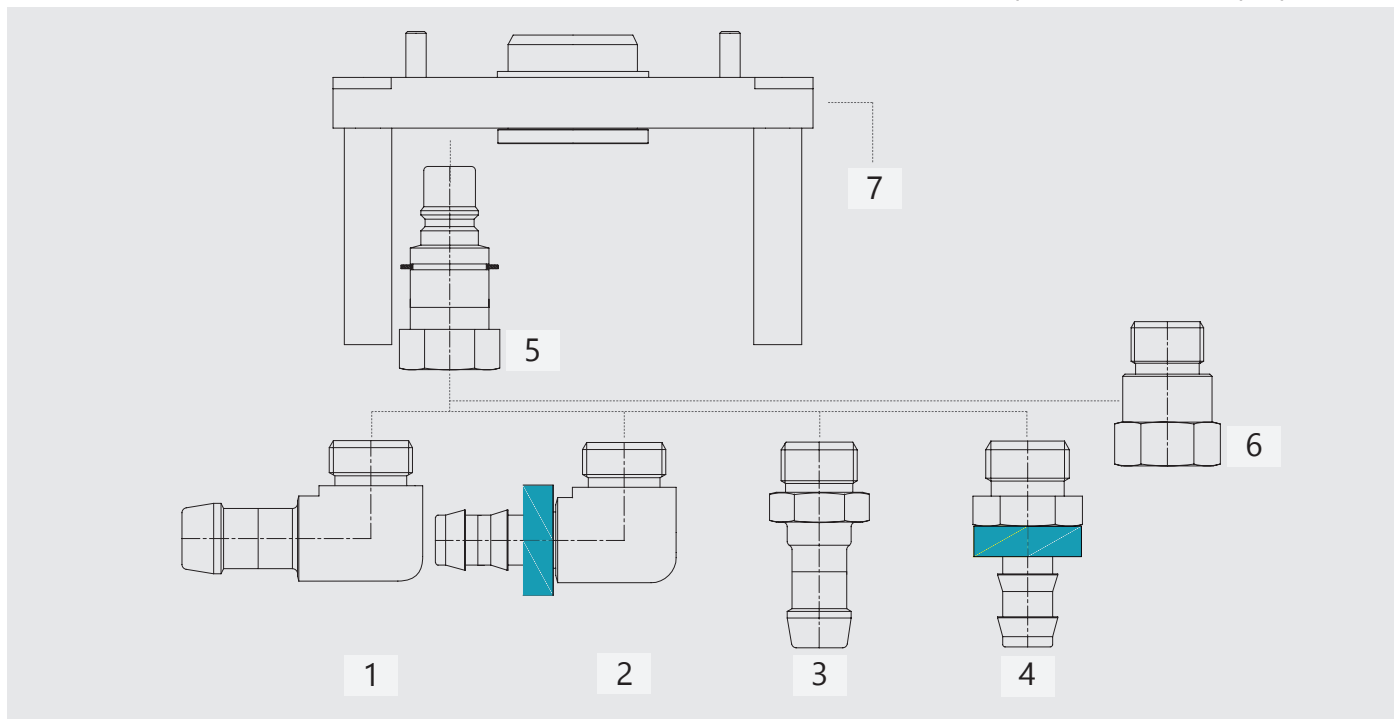
Connections	Scheme
6	
8	
12	
12C	
16	
20	
24	
20C	

Spare parts	N	With valve	Without valve	Description
	1	M MPT.09 FHB 10	M MPT.09 FHF 10	Socket with standard hose tail Ø 10mm
		M MPT.09 FHB 12	M MPT.09 FHF 12	Socket with standard hose tail Ø 12mm
	2	M MPT.09 FPB 10	M MPT.09 FPF 10	Socket with clampless hose tail Ø 10mm
		M MPT.09 FPB 13	M MPT.09 FPF 13	Socket with clampless hose tail Ø 13mm
	3	M MPT.09 FFB 38	M MPT.09 FFF 38	Socket with female thread BSP 3/8"
		M MPT.09 FNB 38	M MPT.09 FNF 38	Socket with female thread NPT 3/8"

N	Code	Description
4	MP MPT.09-X	Mobile part only with locking unit
5	L-UNIT BG1	Locking unit size 1

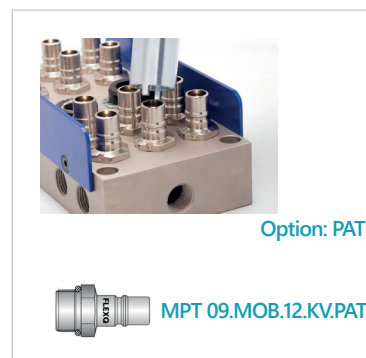
Multicoupling Series MPT

Fixed part Item Equipment



Assemblies	N	With valve	Without valve	Description	Connections	Scheme
	1	FP MPT.09-X MHB 10-90	FP MPT.09-X MHF 10-90	Plug + 90° elbow with standard hose tail Ø 10mm	6	
		FP MPT.09-X MHB 12-90	FP MPT.09-X MHF 12-90	Plug + 90° elbow with standard hose tail Ø 12mm		
	2	FP MPT.09-X MPB 10-90	FP MPT.09-X MPF 10-90	Plug + 90° elbow with clampless hose tail Ø 10mm	8	
		FP MPT.09-X MPB 13-90	FP MPT.09-X MPF 13-90	Plug + 90° elbow with clampless hose tail Ø 13mm		
	3	FP MPT.09-X MHB 10	FP MPT.09-X MHF 10	Plug + adapter with standard hose tail Ø 10mm	12	
		FP MPT.09-X MHB 12	FP MPT.09-X MHF 12	Plug + adapter with standard hose tail Ø 12mm		
	4	FP MPT.09-X MPB 10	FP MPT.09-X MPF 10	Plug + adapter with clampless hose tail Ø 10mm	12K	
		FP MPT.09-X MPB 13	FP MPT.09-X MPF 13	Plug + adapter with clampless hose tail Ø 13mm		
	5	FP MPT.09-X MFB 38	FP MPT.09-X MFF 38	Plug female thread BSP 3/8"	16	
		FP MPT.09-X MNB 38	FP MPT.09-X MNF 38	Plug female thread NPT 3/8"	20	
					24	

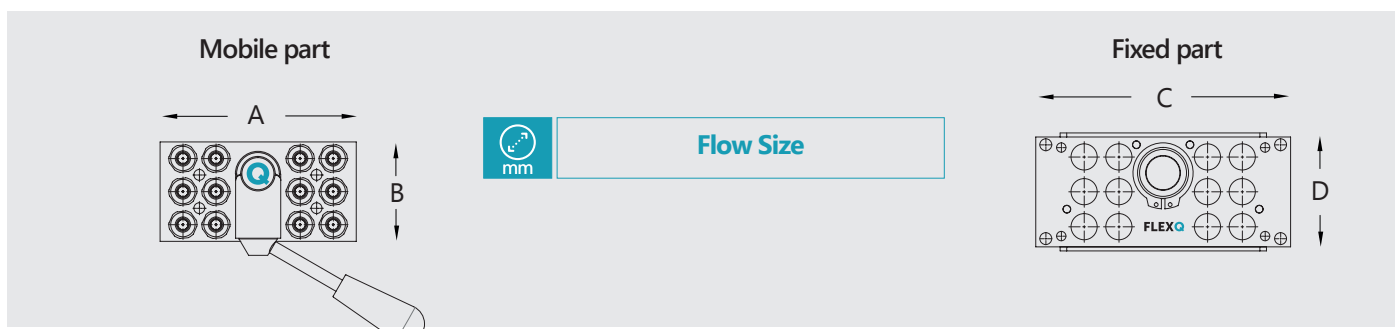
Spare parts	N	Code	Description
	1	ELH 38/10-90	Male BSP 3/8" - 90° elbow with standard hose tail Ø 10mm
		ELH 38/12-90	Male BSP 3/8" - 90° elbow with standard hose tail Ø 12mm
	2	ELP 38/10-90	Male BSP 3/8" - 90° elbow with clampless hose tail Ø 10mm
		ELP 38/13-90	Male BSP 3/8" - 90° elbow with clampless hose tail Ø 13mm
	3	MHA 38/10	Male BSP 3/8" adapter with standard hose tail Ø 10mm
		MHA 38/12	Male BSP 3/8" adapter with standard hose tail Ø 12mm
	4	MPA 38/10	Male BSP 3/8" adapter with clampless hose tail Ø 10mm
		MPA 38/13	Male BSP 3/8" adapter with clampless hose tail Ø 13mm
	5	M MPT.09 MFB 38	Plug female thread BSP 3/8" with valve
		M MPT.09 MFF 38	Plug female thread BSP 3/8" without valve
	6	MFE 38/38-20	Male female extension BSP 3/8"
	7	FP MPT.09-X	Fixed part not equipped

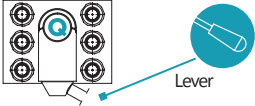
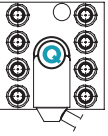
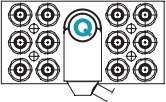
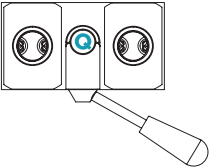
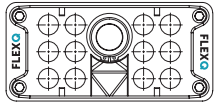
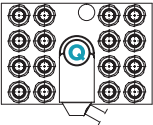
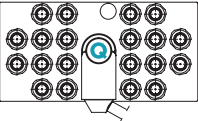
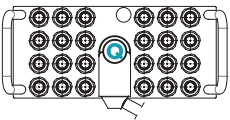


Multicoupling Series MPT Dimensions

mm

9mm

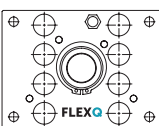
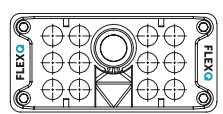
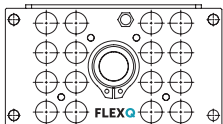
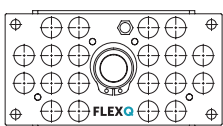
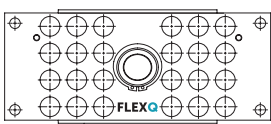


Mobile part	Fixed part	A	B	C	D	n	DN
		102	78	140	82	6	9
		102	104	140	104	8	9
		154	78	190	82	12	9
		154	78	190	82	12	9
		154	103	190	104	16	9
		226	103	206	104	20	9
		226	103	258	104	24	9

Multicoupling Series MPT

Fixed part unequipped

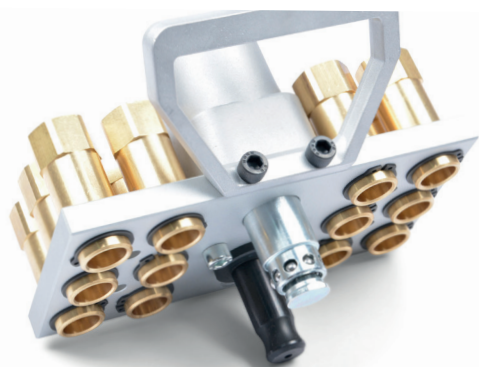


Item code	Fixed plate	Description
FPMPT.09-06		
FPMPT.09-08		
FPMPT.09-12		
FPMPT.09-12K		
FPMPT.09-16		
FPMPT.09-20		
FPMPT.09-24		

Multicoupling Series MPT

Mobile part Item Codes

 **12mm**



MP MPT 12 - C - X

MP Mobile part

MPT MPT profile

12 Flow size

C Connections

6	3 Circuits
10	5 Circuits
12	6 Circuits
18	9 Circuits
20	10 Circuits

X Socket insert



Socket with valve



FHB 12 Standard hose type Ø 12mm

FHB 16 Standard hose type Ø 16mm



FPB 13 Clampless hose type Ø 13mm

FPB 16 Clampless hose type Ø 16mm



FFB 12 Female thread BSP 1/2"

Socket without valve



FHF 12 Standard hose type Ø 12mm

FHF 16 Standard hose type Ø 16mm



FPF 13 Clampless hose type Ø 13mm

FPF 16 Clampless hose type Ø 16mm



FFF 12 Female thread BSP 1/2"

Multicoupling Series MPT

Fixed part Item Codes

FP MPT 12 C - X - Y

Elbow **Y**

Plug insert **X**

Connections **C**

6	3 Circuits
10	5 Circuits
12	6 Circuits
18	9 Circuits
20	10 Circuits

Flow size **12**

MPT profile **MPT**

Fixed part **FP**

Plug with valve



MHB 12 Standard hose type Ø 12mm
MHB 16 Standard hose type Ø 13mm



MPB 13 Clampless hose type Ø 13mm
MPB 16 Clampless hose type Ø 13mm



MFB 12 Female thread BSP 1/2"

Plug without valve



MHF 12 Standard hose type Ø 12mm
MHF 16 Standard hose type Ø 16mm



MPF 13 Clampless hose type Ø 13mm
MPF 16 Clampless hose type Ø 16mm

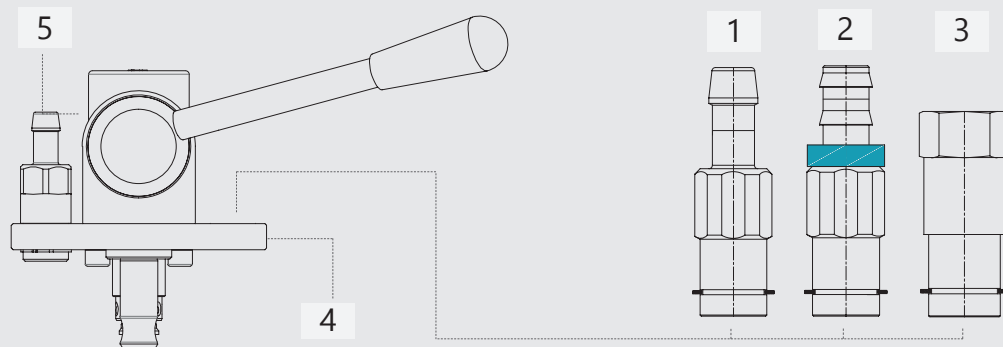


MFF 12 Female thread BSP 1/2"

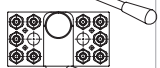
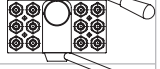
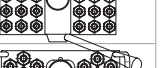
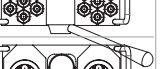
Multicoupling Series MPT

Mobile part Item Equipment

 **12mm**



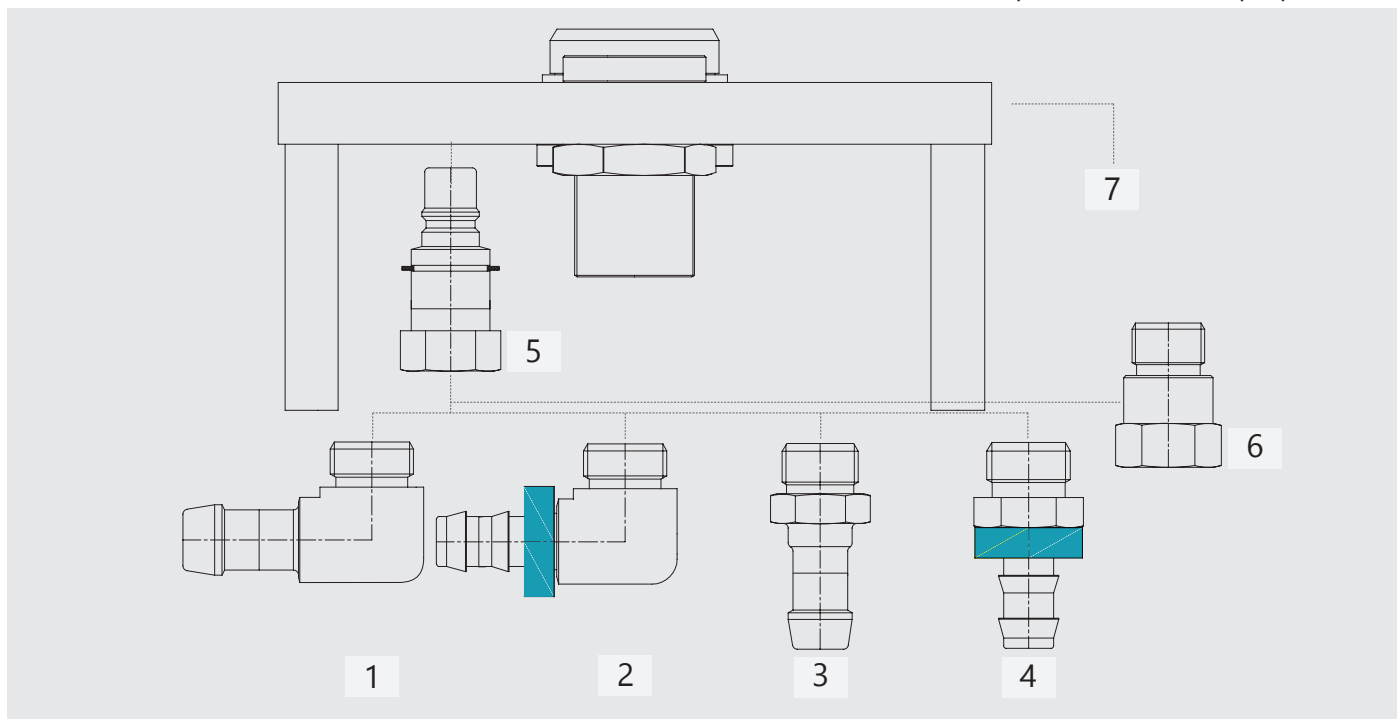
Assemblies	N	With valve	Without valve	Description
	1	MP MPT.12-X FHB 12	MP MPT.12-X FHF 12	Standard hose tail Ø 12mm
		MP MPT.12-X FHB 16	MP MPT.12-X FHF 16	Standard hose tail Ø 16mm
	2	MP MPT.12-X FPB 13	MP MPT.12-X FPF 13	Clampless hose tail Ø 13mm
		MP MPT.12-X FPB 16	MP MPT.12-X FPF 16	Clampless hose tail Ø 16mm
	3	MP MPT.12-X FFB 12	MP MPT.12-X FFF 12	Female thread BSP 1/2"
		MP MPT.12-X FNB 12	MP MPT.12-X FNF 12	Female thread NPT 1/2"
		MP MPT.12-12 114 C		Collector with female thread BSP 1 1/4"
		MP MPT.12-20 112 C		Collector with female thread BSP 1 1/2"

Connections	Scheme
6	
10	
12	
12	
18	
20	
20	

Spare parts	N	With valve	Without valve	Description
	1	M MPT.12 FHB 12	M MPT.12 FHF 12	Socket with standard hose tail Ø 12mm
		M MPT.12 FHB 16	M MPT.12 FHF 16	Socket with standard hose tail Ø 16mm
	2	M MPT.12 FPB 13	M MPT.12 FPF 13	Socket with clampless hose tail Ø 13mm
		M MPT.12 FPB 16	M MPT.12 FPF 16	Socket with clampless hose tail Ø 16mm
	3	M MPT.12 FFB 12	M MPT.12 FFF 12	Socket with female thread BSP 1/2"
		M MPT.12 FNB 12	M MPT.12 FNF 12	Socket with female thread NPT 1/2"
	N	Code	Description	
	4	MP MPT.12-X	Mobile part only with locking unit	
	5	L-UNIT BG2	Locking unit size 2	

Multicoupling Series MPT

Fixed part Item Equipment



Assemblies	N	With valve	Without valve	Description	Connections	Scheme
	1	FP MPT.12-X MHB 12-90	FP MPT.12-X MHF 12-90	Plug + 90° elbow with standard hose tail Ø 12mm	6	
		FP MPT.12-X MHB 16-90	FP MPT.12-X MHF 16-90	Plug + 90° elbow with standard hose tail Ø 16mm		
	2	FP MPT.12-X MPB 13-90	FP MPT.12-X MPF 13-90	Plug + 90° elbow with clampless hose tail Ø 13mm	10	
		FP MPT.12-X MPB 16-90	FP MPT.12-X MPF 16-90	Plug + 90° elbow with clampless hose tail Ø 16mm		
	3	FP MPT.12-X MHB 12	FP MPT.12-X MHF 12	Plug + adapter with standard hose tail Ø 12mm	12	
		FP MPT.12-X MHB 16	FP MPT.12-X MHF 16	Plug + adapter with standard hose tail Ø 16mm		
	4	FP MPT.12-X MPB 13	FP MPT.12-X MPF 13	Plug + adapter with clampless hose tail Ø 13mm	18	
		FP MPT.12-X MPB 16	FP MPT.12-X MPF 16	Plug + adapter with clampless hose tail Ø 16mm		
	5	FP MPT.12-X MFB 12	FP MPT.12-X MFF 12	Plug female thread BSP 1/2"	20	
		FP MPT.12-X MNB 12	FP MPT.12-X MNF 12	Plug female thread NPT 1/2"		

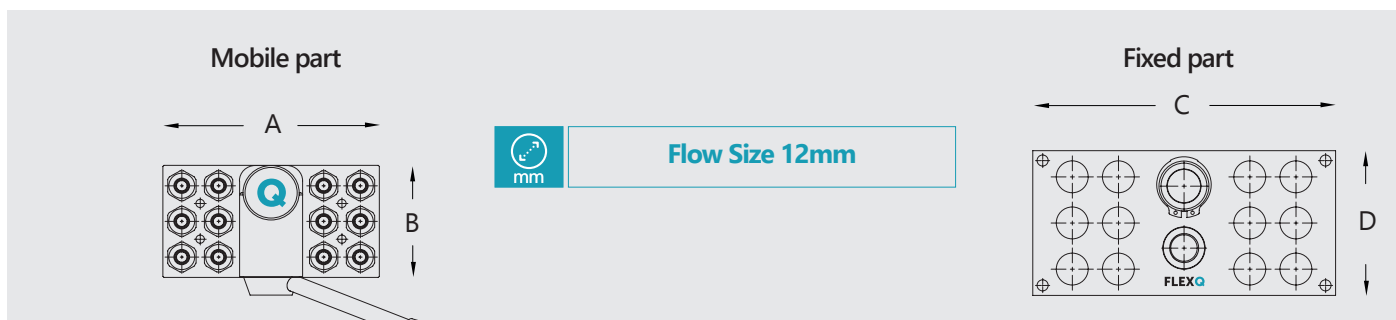
Spare parts	N	Code	Description
	1	ELH 12/12-90	Male BSP 1/2" - 90° elbow with standard hose tail Ø 12mm
		ELH 12/16-90	Male BSP 1/2" - 90° elbow with standard hose tail Ø 16mm
	2	ELP 12/13-90	Male BSP 1/2" - 90° elbow with clampless hose tail Ø 13mm
		ELP 12/16-90	Male BSP 1/2" - 90° elbow with clampless hose tail Ø 16mm
	3	MHA 12/12	Male BSP 1/2" adapter with standard hose tail Ø 12mm
		MHA 12/16	Male BSP 1/2" adapter with standard hose tail Ø 16mm
	4	MPA 12/13	Male BSP 1/2" adapter with clampless hose tail Ø 13mm
		MPA 12/16	Male BSP 1/2" adapter with clampless hose tail Ø 16mm
	5	M MPT.12 MFB 12	Plug female thread BSP 1/2" with valve
		M MPT.12 MFF 12	Plug female thread BSP 1/2" without valve
	6	MFE 12/12-34	Male female extension BSP 1/2"
	7	FP MPT.12-X	Fixed part not equipped

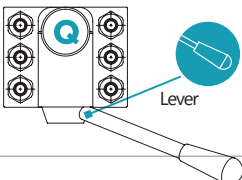
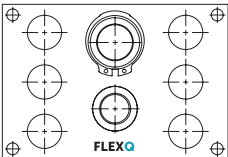
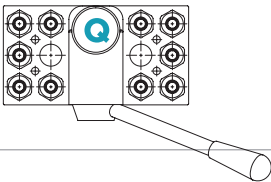
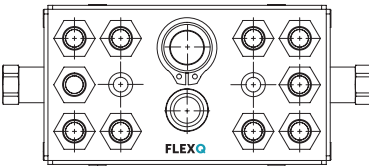
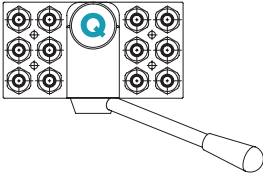
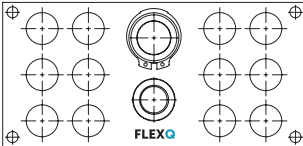
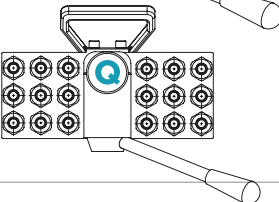
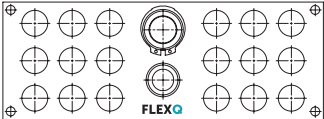
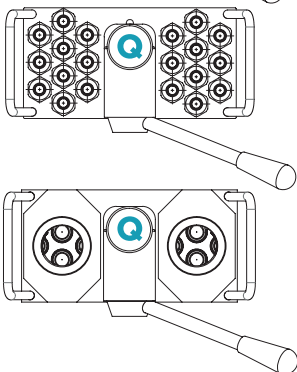
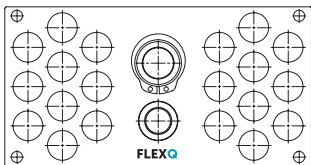


Multicoupling Series MPT

Dimensions

 **12mm**



Mobile part	Fixed part	A	B	C	D	n	DN
		136	110	160	110	6	12
		203	110	216	120	10	12
		203	110	230	110	12	12
		270	110	300	110	18	12
		250	130	250	130	20	12

Multicoupling Series MPT

Fixed part unequipped

Item code	Fixed plate	Description
FPMPT.12-06		
FPMPT.12-10		
FPMPT.12-12		
FPMPT.12-18		
FPMPT.12-20		

Multicoupling Series MPT

Mobile part Item Code

16mm



MP MPT 16 - C - X

MP Mobile part

MPT MPT profile

16 Flow size

C Connections

10 5 Circuits

12 6 Circuits

X Socket insert



Socket with valve



FHB 16 Standard hose type Ø 16mm

FHB 19 Standard hose type Ø 19mm



FPB 16 Clampless hose type Ø 16mm

FPB 19 Clampless hose type Ø 19mm



FFB 34 Female thread BSP 3/4"

Socket without valve



FHF 16 Standard hose type Ø 16mm

FHF 19 Standard hose type Ø 19mm



FPF 16 Clampless hose type Ø 16mm

FPF 19 Clampless hose type Ø 19mm



FFF 34 Female thread BSP 3/4"

Multicoupling Series MPT

Fixed part Item Codes

FP MPT 16 C - X




Plug insert	X
Connections	C

10	5 Circuits
12	6 Circuits

Flow size	16
MPT profile	MPT
Fixed part	FP

Plug with valve



MFB 34 Female thread BSP 3/4" at the alu block (Plug with valve)

Plug without valve

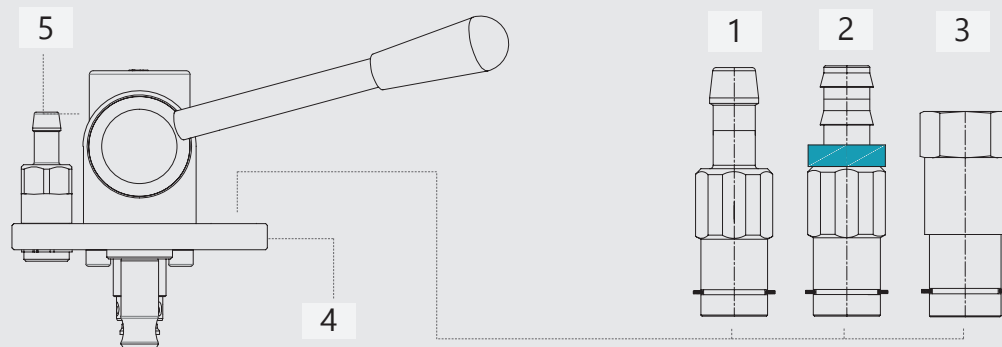


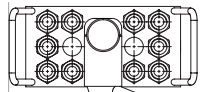
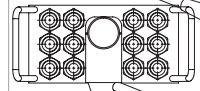
MFF 34 Female thread BSP 3/4" at the alu block (Plug without valve)

Multicoupling Series MPT

Mobile part Item Equipment

 **16mm**



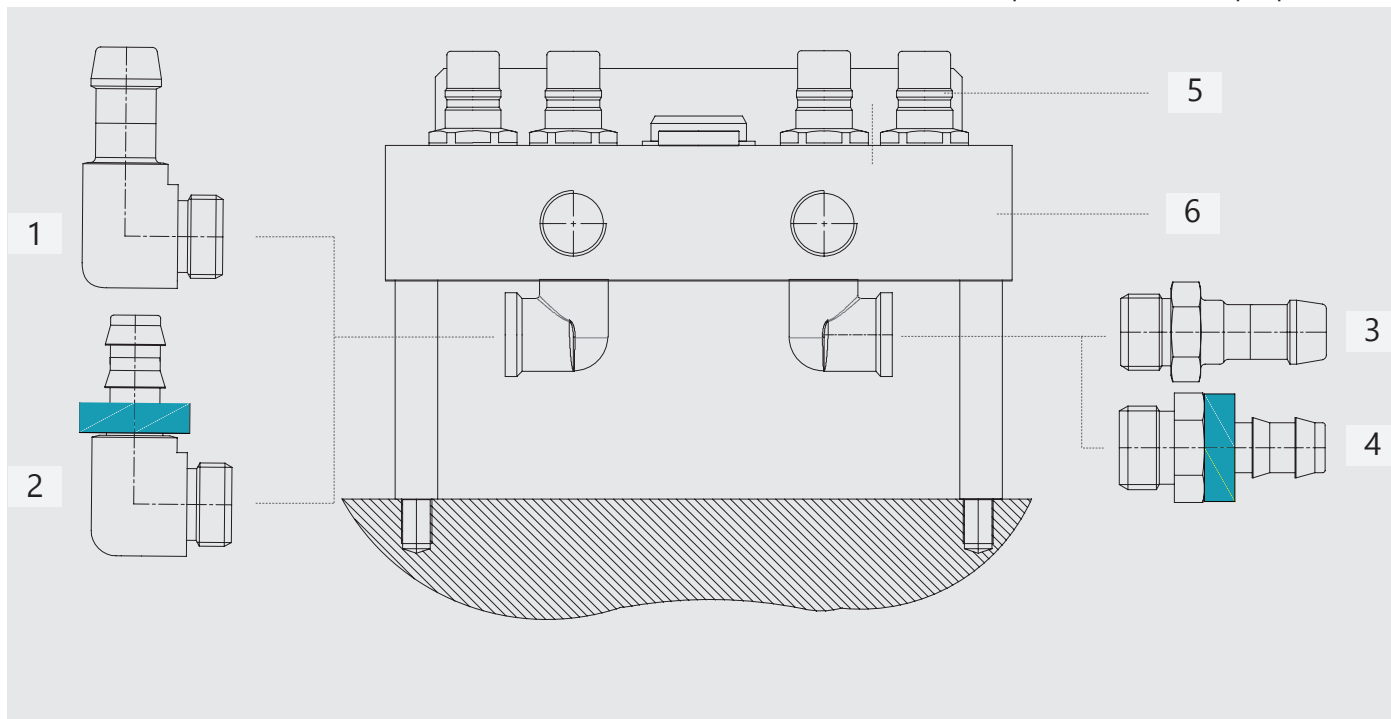
Assemblies	N	With valve	Without valve	Description	Connections	Scheme
	1	MP MPT.16-X FHB 16	MP MPT.16-X FHF 16	Standard hose tail Ø 16mm	10	
		MP MPT.16-X FHB 19	MP MPT.16-X FHF 19	Standard hose tail Ø 19mm		
	2	MP MPT.16-X FPB 16	MP MPT.16-X FPF 16	Clampless hose tail Ø 16mm	12	
		MP MPT.16-X FPB 19	MP MPT.16-X FPF 19	Clampless hose tail Ø 19mm		
	3	MP MPT.16-X FFB 34	MP MPT.16-X FFF 34	Female thread BSP 3/4"		
		MP MPT.16-X FNB 34	MP MPT.16-X FNF 34	Female thread NPT 3/4"		

Spare parts	N	With valve	Without valve	Description
	1	M MPT.16 FHB 16	M MPT.16 FHF 16	Socket with standard hose tail Ø 16mm
		M MPT.16 FHB 19	M MPT.16 FHF 19	Socket with standard hose tail Ø 19mm
	2	M MPT.16 FPB 16	M MPT.16 FPF 16	Socket with clampless hose tail Ø 16mm
		M MPT.16 FPB 19	M MPT.16 FPF 19	Socket with clampless hose tail Ø 19mm
	3	M MPT.16 FFB 34	M MPT.16 FFF 34	Socket with female thread BSP 3/4"
		M MPT.16 FNB 34	M MPT.16 FNF 34	Socket with female thread NPT 3/4"

N	Description
4	MP MPT.16-12 Mobile part only with locking unit
5	L-UNIT BG2 Locking unit size 2

Multicoupling Series MPT

Fixed part Item Equipment



Assemblies	N	With valve	Without valve	Description	Connections	Scheme
	1	FP MPT.16-X MHB 16-90	FP MPT.16-X MHF 16-90	Plug + 90° elbow with standard hose tail Ø 16mm	10	
		FP MPT.16-X MHB 19-90	FP MPT.16-X MHF 19-90	Plug + 90° elbow with standard hose tail Ø 19mm		
	2	FP MPT.16-X MPB 16-90	FP MPT.16-X MPF 16-90	Plug + 90° elbow with clampless hose tail Ø 16mm	12	
		FP MPT.16-X MPB 19-90	FP MPT.16-X MPF 19-90	Plug + 90° elbow with clampless hose tail Ø 19mm		
	3	FP MPT.16-X MHB 16	FP MPT.16-X MHF 16	Plug + adapter with standard hose tail Ø 16mm		
		FP MPT.16-X MHB 19	FP MPT.16-X MHF 19	Plug + adapter with standard hose tail Ø 19mm		
	4	FP MPT.16-X MPB 16	FP MPT.16-X MPF 16	Plug + adapter with clampless hose tail Ø 16mm		
		FP MPT.16-X MPB 19	FP MPT.16-X MPF 19	Plug + adapter with clampless hose tail Ø 19mm		
	5	FP MPT.16-X MFB 34	FP MPT.16-X MFF 34	Plug mounted in alublock - exit female thread BSP 3/4"		
		FP MPT.16-X MNB 34	FP MPT.16-X MNF 34	Plug mounted in alublock - exit female thread NPT 3/4"		

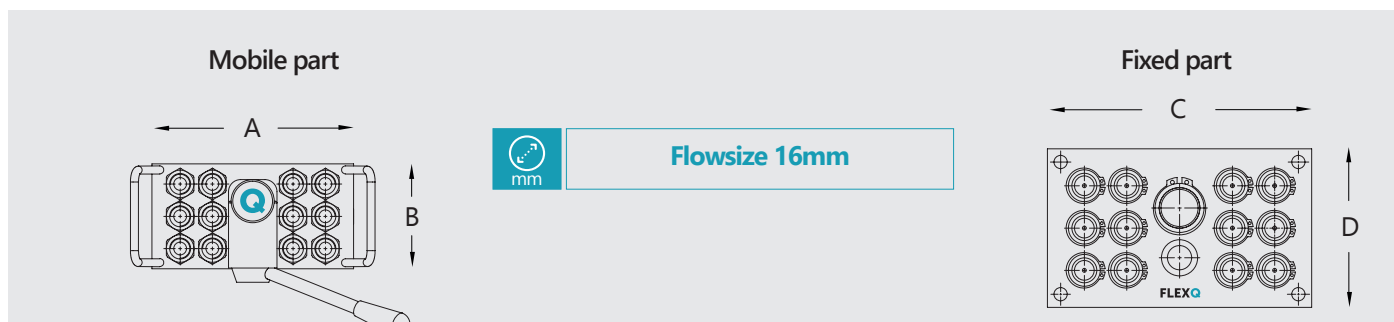
Spare parts	N	Description
	1	ELH 34/16-90 Male BSP 3/4" - 90° elbow with standard hose tail Ø 16mm
		ELH 34/19-90 Male BSP 3/4" - 90° elbow with standard hose tail Ø 19mm
	2	ELP 34/16-90 Male BSP 3/4" - 90° elbow with clampless hose tail Ø 16mm
		ELP 34/19-90 Male BSP 3/4" - 90° elbow with clampless hose tail Ø 19mm
	3	MHA 34/16 Male BSP 3/4" adapter with standard hose tail Ø 16mm
		MHA 34/19 Male BSP 3/4" adapter with standard hose tail Ø 19mm
	4	MPA 34/16 Male BSP 3/4" adapter with clampless hose tail Ø 16mm
		MPA 34/19 Male BSP 3/4" adapter with clampless hose tail Ø 19mm
	5	MPT.16 MMB 10 Plug female thread BSP 1" with valve
		MPT.16 MMF 10 Plug female thread BSP 1" without valve
	6	FP MPT.16-12 BLK Fixed part not equipped

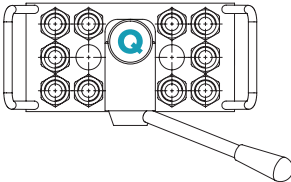
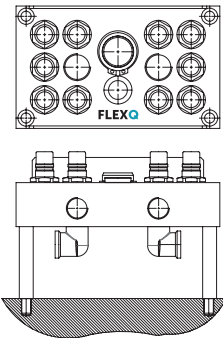
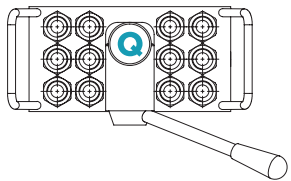
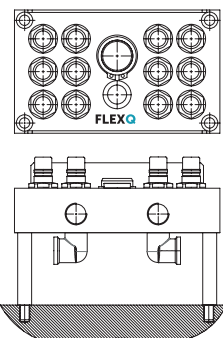
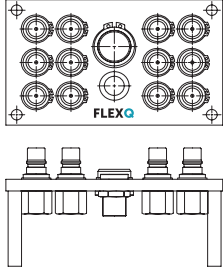


Multicoupling Series MPT

Dimensions

 **16mm**

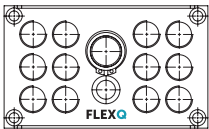
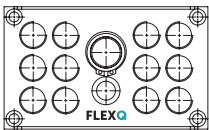


Mobile part	Fixed part	A	B	C	D	n	DN
		250	130	250	150	10	16
		250	130	250	150	12	16
		250	130	250	150	12	16

Multicoupling Series MPT

Fixed part unequipped



Item code	Fixed plate	Description
FPMPT.16-12-BLK/AL		Unequipped aluminum plate Outlet holes 3/4" BSP Nipple holes 1" BSP
FPMPT.16-12-BLK/ST/CN		Unequipped steel plate chemical nickel plated Outlet holes 3/4" BSP Nipple holes 1" BSP
FPMPT.16-12	