



Multicouplings for fluids, hydraulics and pneumatics

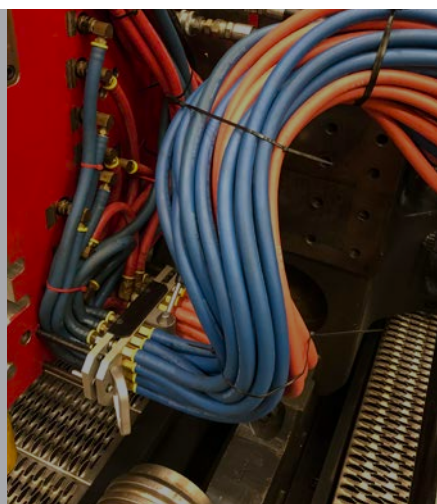
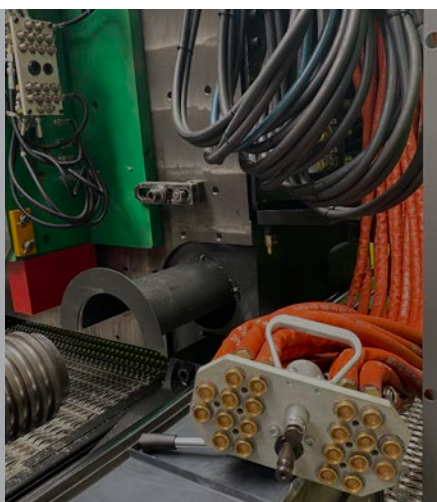
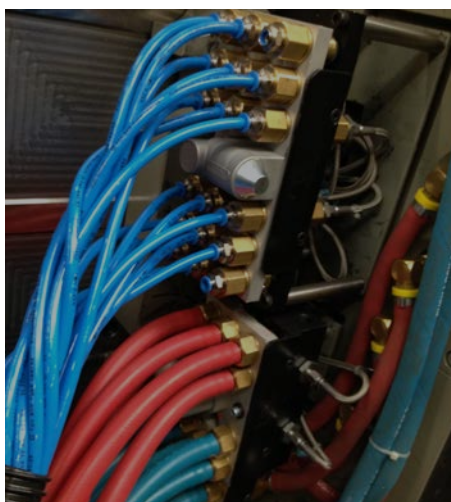


Multicouplings

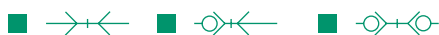


LINKING PRECISION WITH PERFORMANCE

Examples / Beispiele



PROFILE TYPES



IPT

HPT

MPT



Flow Size / Nennweiten

IPT 06 - 06 mm
IPT 09 - 09 mm

HPT 06 - 06 mm
HPT 09 - 09 mm

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



Number of Connections / Anschlüsse

IPT 06 - 6-20
IPT 09 - 6-24

HPT 06 - 6-20
HPT 09 - 6-24

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



Pressure / Druck

16 bar



Temperature range / Temperaturbereich

-5°C +160°C FPM (V) (Water / Wasser)
-5°C +200°C FPM (V) (Heating Oil / Wärmeträgeröl)

SPECIFICATIONS / EIGENSCHAFTEN

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 respective series (HPT / IPT / MPT)

Rüstzeitoptimierung durch zentrale Verriegelung
Fehlervermeidung durch feste Anordnung der Schläuche auf den Platten
Viele Anschlussmöglichkeiten
Die Anschlüsse sind kompatibel mit den Monokupplungen der jeweiligen Serien (HPT / IPT / MPT)

OPTIONS / OPTIONEN

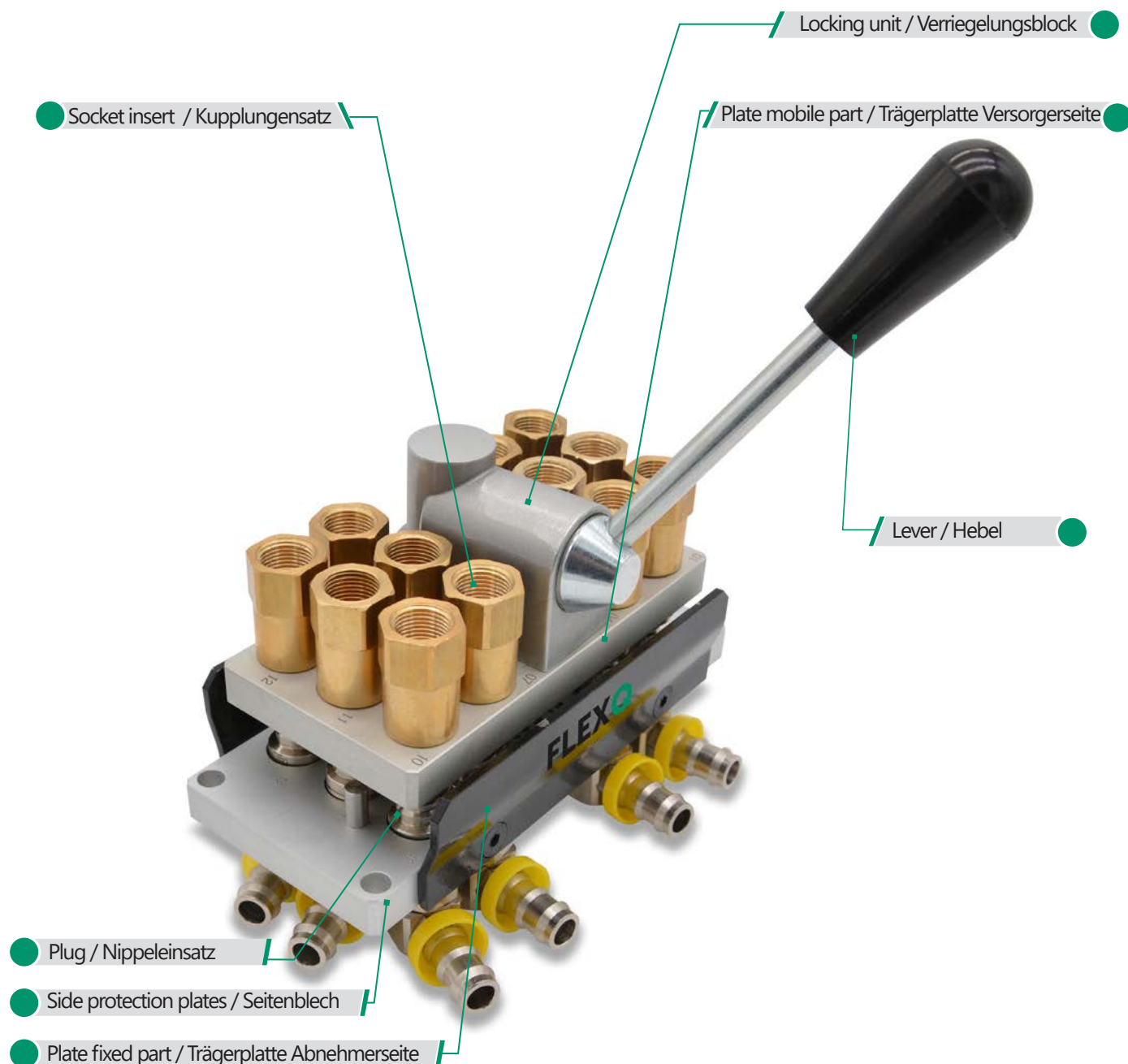
Color coding of the plates
Stainless Steel option for plates, connectors and locking unit
High temperature option for connectors
Safety locking unit

Farbkodierung der Platten
Edelstahloption für Platten, Anschlüsse und Verriegelungseinheit
Hochtemperaturoption für die Anschlüsse
Sicherheitsoption für die Verriegelungseinheit

USING AREAS / EINSATZBEREICHE

Thermo regulation
Injection moulding
Die casting
Test benches

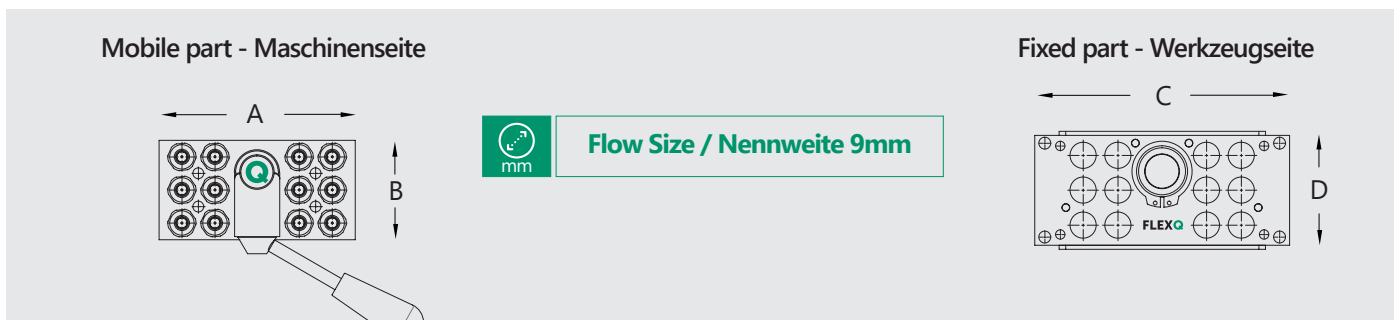
Temperierung
Kunststoffspritzguss
Alu Druckguss
Prüfstände

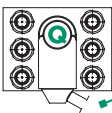
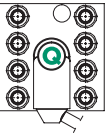
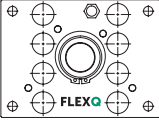
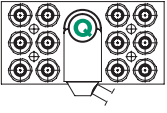
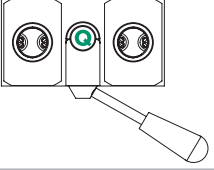
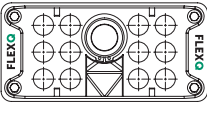
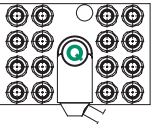
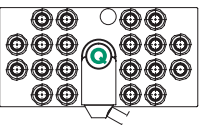
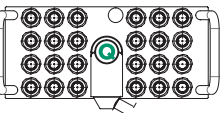
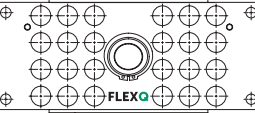


Multicoupling Series MPT - Multikupplung Serie MPT

Dimensions - Abmessungen

9mm



Mobile part	Fixed part	A	B	C	D	n	DN
 Lever / Hebel		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

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■ MULTICOUPLINGS FOR FLUIDS / SERIES MPT



Multicoupling Series MPT - Multikupplung Serie MPT

Mobile part Item Codes - Maschinenseite Artikelnummer



9mm



MP MPT 09 - C - X

MP Mobile part / Maschinenseite

MPT MPT profile / MPT Profil

09 Flow size / Nennweite

C Connections / Anschlüsse

6 3 Circuits / 3 Kreisläufe

8 4 Circuits / 4 Kreisläufe

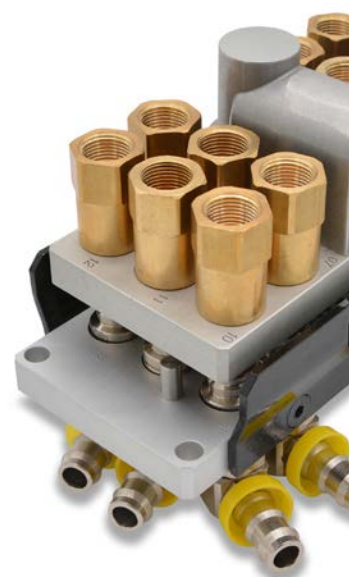
12 6 Circuits / 6 Kreisläufe

16 8 Circuits / 8 Kreisläufe

20 10 Circuits / 10 Kreisläufe

24 12 Circuits / 12 Kreisläufe

X Socket insert / Kupplungseinsatz



n  Socket with valve / Kupplungseinsatz mit Ventil	
	FHB 10 Standard hose type Ø 10mm / Standardschlauchtülle Ø 10mm
	FHB 12 Standard hose type Ø 12mm / Standardschlauchtülle Ø 12mm
	FPB 10 Clampless hose type Ø 10mm / Schnellstecktülle Ø 10mm
	FPB 13 Clampless hose type Ø 12mm / Schnellstecktülle Ø 12mm
	FFB 38 Female thread BSP 3/8" / Innengewinde BSP 3/8"

 Socket without valve / Kupplungseinsatz ohne Ventil	
	FHF 10 Standard hose type Ø 10mm / Standardschlauchtülle Ø 10mm
	FHF 12 Standard hose type Ø 12mm / Standardschlauchtülle Ø 12mm
	FPF 10 Clampless hose type Ø 10mm / Schnellstecktülle Ø 10mm
	FPF 13 Clampless hose type Ø 12mm / Schnellstecktülle Ø 12mm
	FFF 38 Female thread BSP 3/8" / Innengewinde BSP 3/8"

Multicoupling Series MPT - Multikupplung Serie MPT

Fixed part Item Codes - Werkzeugseite Artikelnummer

FP MPT 09 C - X - Y



Elbow / Winkel **Y**

Plug insert / Nippeleinsatz **X**

Connections / Anschlüsse **C**

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

Flow size / Nennweite **09**

MPT profile / MPT Profil **MPT**

Fixed part / Werkzeugseite **FP**



Plug with valve / Nippeleinsatz mit Ventil



MHB 10 Standard hose type Ø 10mm / Standardschlauchtülle Ø 10mm

MHB 12 Standard hose type Ø 12mm / Standardschlauchtülle Ø 12mm



MPB 10 Clampless hose type Ø 10mm / Schnellstecktülle Ø 10mm

MPB 13 Clampless hose type Ø 12mm / Schnellstecktülle Ø 12mm



MFB 38 Female thread BSP 3/8" / Innengewinde BSP 3/8"



Plug without valve / Nippeleinsatz ohne Ventil



MHF 10 Standard hose type Ø 10mm / Standardschlauchtülle Ø 10mm

MHF 12 Standard hose type Ø 12mm / Standardschlauchtülle Ø 12mm



MPF 10 Clampless hose type Ø 10mm / Schnellstecktülle Ø 10mm

MPF 13 Clampless hose type Ø 12mm / Schnellstecktülle Ø 12mm

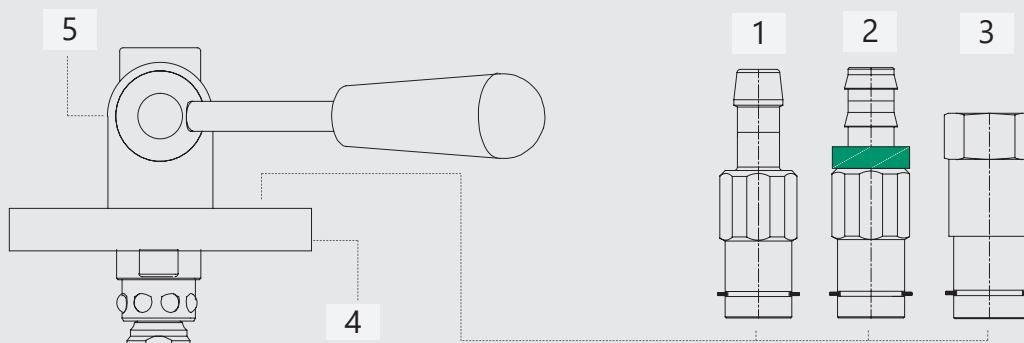


MFF 38 Female thread BSP 3/8" / Innengewinde BSP 3/8"

Multicoupling Series MPT - Multikupplung Serie MPT

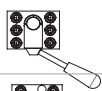
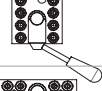
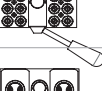
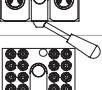
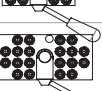
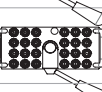
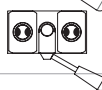
Mobile part Item Equipment - Maschinenseite Bestückung

 **9mm**



Assemblies Baugruppen

N			Description / Beschreibung
1	MP MPT.09-X FHB 10	MP MPT.09-X FHF 10	Standard hose tail Ø 10mm Standardschlauchtüle Ø 10mm
	MP MPT.09-X FHB 12	MP MPT.09-X FHF 12	Standard hose tail Ø 12mm Standardschlauchtüle Ø 12mm
2	MP MPT.09-X FPB 10	MP MPT.09-X FPF 10	Clampless hose tail Ø 10mm Schnellstecktülle Ø 10mm
	MP MPT.09-X FPB 13	MP MPT.09-X FPF 13	Clampless hose tail Ø 13mm Schnellstecktülle Ø 13mm
3	MP MPT.09-X FFB 38	MP MPT.09-X FFF 38	Female thread BSP 3/8" Innengewinde BSP 3/8"
	MP MPT.09-X FNB 38	MP MPT.09-X FNF 38	Female thread NPT 3/8" Innengewinde NPT 3/8"
	MP MPT.09-12 10 C		Collector with female thread BSP 1" Sammler mit Innengewinde BSP 1"
	MP MPT.09-20 114 C		Collector with female thread BSP 1 1/4" Sammler mit Innengewinde BSP 1 1/4"

Connections Anschlüsse	Schema Schema
6	
8	
12	
12	
16	
20	
20	
20C	

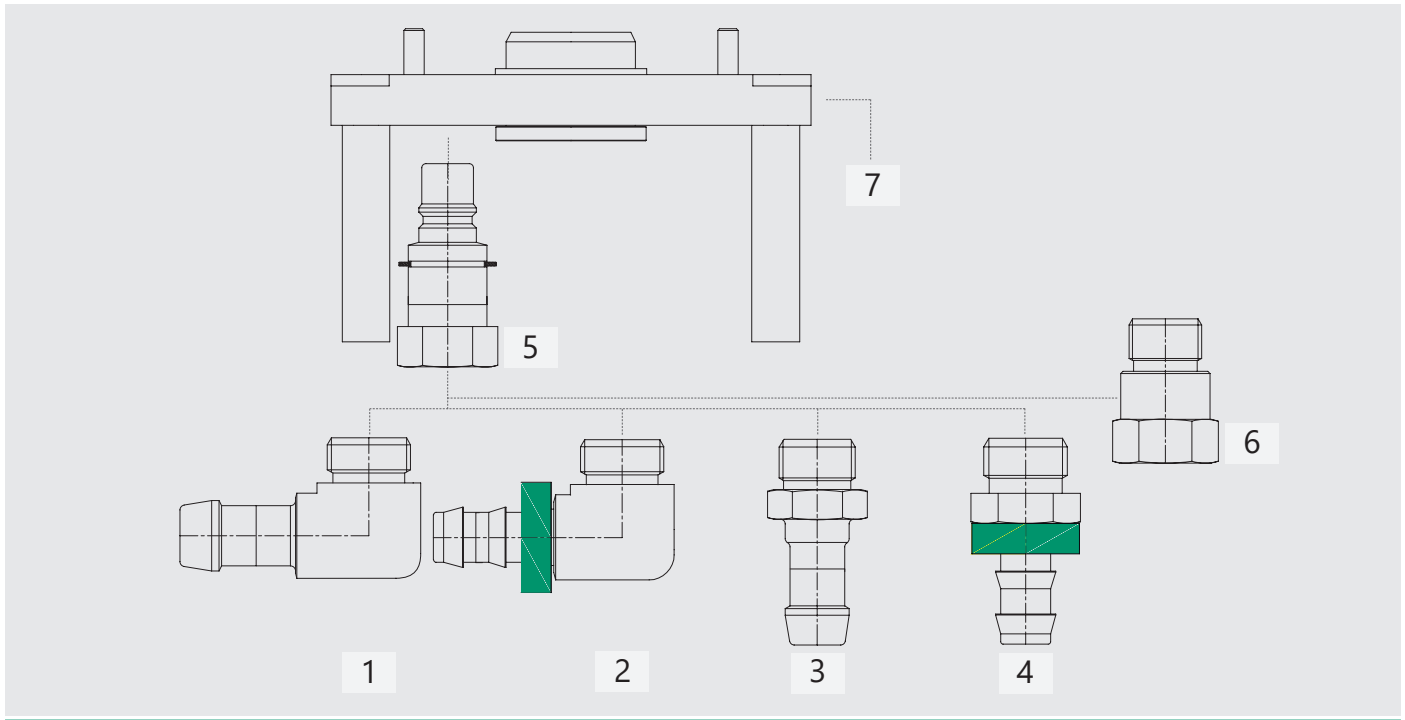
Spare parts / Einzelteile

N			Description / Beschreibung
1	M MPT.09 FHB 10	M MPT.09 FHF 10	Socket with standard hose tail Ø 10mm Kupplung mit Standardschlauchtüle Ø 10mm
	M MPT.09 FHB 12	M MPT.09 FHF 12	Socket with standard hose tail Ø 12mm Kupplung mit Standardschlauchtüle Ø 12mm
2	M MPT.09 FPB 10	M MPT.09 FPF 10	Socket with clampless hose tail Ø 10mm Kupplung mit Schnellstecktülle Ø 10mm
	M MPT.09 FPB 13	M MPT.09 FPF 13	Socket with clampless hose tail Ø 13mm Kupplung mit Schnellstecktülle Ø 13mm
3	M MPT.09 FFB 38	M MPT.09 FFF 38	Socket with female thread BSP 3/8" Kupplung mit Innengewinde BSP 3/8"
	M MPT.09 FNB 38	M MPT.09 FNF 38	Socket with female thread NPT 3/8" Kupplung mit Innengewinde NPT 3/8"

N		Description / Beschreibung
4	MP MPT.09-X	Mobile part only with locking unit Maschinenseite nur mit Verriegelungseinheit
5	L-UNIT BG1	Locking unit size 1 Verriegelungseinheit Baugröße 1

Multicoupling Series MPT - Multikupplung Serie MPT

Fixed part Item Equipment - Werkzeugseite Bestückung



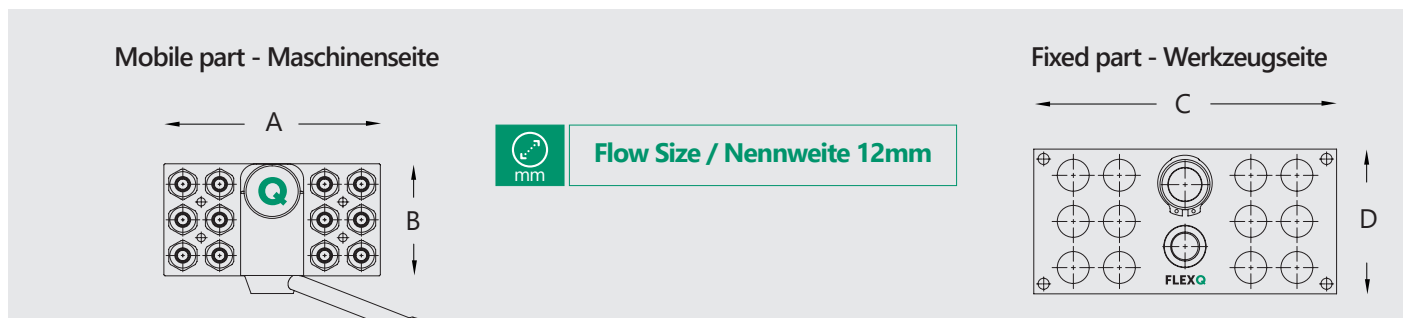
Assemblies / Baugruppen	N			Description / Beschreibung	Connections Anschlüsse	Scheme Schema
	1	FP MPT.09-X MHB 10-90	FP MPT.09-X MHF 10-90	Plug + 90° elbow with standard hose tail Ø 10mm Nippel + 90° Winkelstandardschlauchtülle Ø 10mm	6	
		FP MPT.09-X MHB 12-90	FP MPT.09-X MHF 12-90	Plug + 90° elbow with standard hose tail Ø 12mm Nippel + 90° Winkelstandardschlauchtülle 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 Nippel + 90° Winkelschnellstecktülle 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 Nippel + Standardschlauchtülle Ø 13mm		
	3	FP MPT.09-X MHB 10	FP MPT.09-X MHF 10	Plug + adapter with standard hose tail Ø 10mm Nippel + Standardschlauchtülle Ø 10mm	12	
		FP MPT.09-X MHB 12	FP MPT.09-X MHF 12	Plug + adapter with standard hose tail Ø 12mm Nippel + Standardschlauchtülle Ø 12mm		
	4	FP MPT.09-X MPB 10	FP MPT.09-X MPF 10	Plug + adapter with clampless hose tail Ø 10mm Nippel + Schnellstecktülle Ø 10mm	12K	
		FP MPT.09-X MPB 13	FP MPT.09-X MPF 13	Plug + adapter with clampless hose tail Ø 13mm Nippel + Schnellstecktülle Ø 13mm		
	5	FP MPT.09-X MFB 38	FP MPT.09-X MFF 38	Plug female thread BSP 3/8" Nippel mit Innengewinde BSP 3/8"	16	
		FP MPT.09-X MNB 38	FP MPT.09-X MNF 38	Plug female thread NPT 3/8" Nippel mit Innengewinde NPT 3/8"		

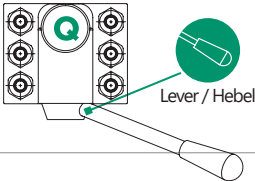
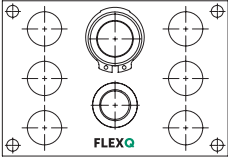
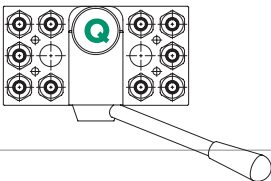
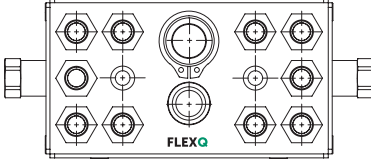
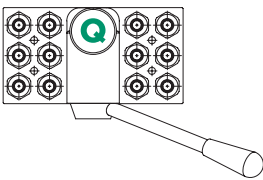
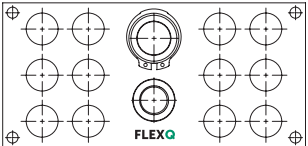
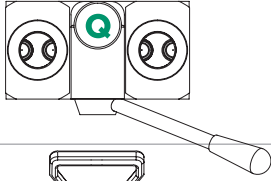
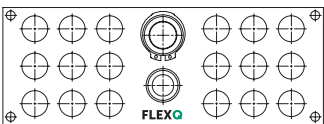
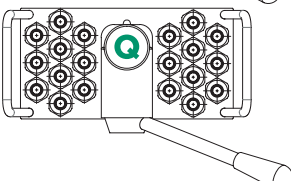
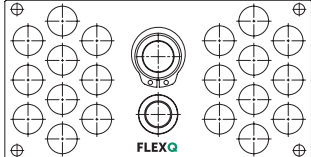
Spare parts / Einzelteile	N	Code	Description / Beschreibung
	1	ELH 38/10-90	Male BSP 3/8" - 90° elbow with standard hose tail Ø 10mm Aussengewinde BSP 3/8" - 90° Winkelstandardschlauchtülle Ø 10mm
		ELH 38/12-90	Male BSP 3/8" - 90° elbow with standard hose tail Ø 12mm Aussengewinde BSP 3/8" - 90° Winkelstandardschlauchtülle Ø 12mm
	2	ELP 38/10-90	Male BSP 3/8" - 90° elbow with clampless hose tail Ø 10mm Aussengewinde BSP 3/8" - 90° Winkelschnellstecktülle Ø 10mm
		ELP 38/13-90	Male BSP 3/8" - 90° elbow with clampless hose tail Ø 13mm Aussengewinde BSP 3/8" - 90° Winkelschnellstecktülle Ø 13mm
	3	MHA 38/10	Male BSP 3/8" adapter with standard hose tail Ø 10mm Aussengewinde BSP 3/8" Standardschlauchtülle Ø 10mm
		MHA 38/12	Male BSP 3/8" adapter with standard hose tail Ø 12mm Aussengewinde BSP 3/8" Standardschlauchtülle Ø 12mm
	4	MPA 38/10	Male BSP 3/8" adapter with clampless hose tail Ø 10mm Aussengewinde BSP 3/8" Schnellstecktülle Ø 10mm
		MPA 38/13	Male BSP 3/8" adapter with clampless hose tail Ø 13mm Aussengewinde BSP 3/8" Schnellstecktülle Ø 13mm
	5	M MPT.09 MFB 38	Plug female thread BSP 3/8" with valve Nippel Innengewinde BSP 3/8" mit Ventil
		M MPT.09 MFF 38	Plug female thread NPT 3/8" without valve Nippel Innengewinde NPT 3/8" ohne Ventil
	6	MFE 38/38-20	Male female extension BSP 3/8" Aussengewinde / Innengewinde Verlängerung BSP 3/8"
	7	FP MPT.09-X	Fixed part not equipped Werkzeugseite unbestückt



Multicoupling Series MPT - Multikupplung Serie MPT

Dimensions - Abmessungen



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

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■ MULTICOUPLINGS FOR FLUIDS / SERIES MPT



Multicoupling Series MPT - Multikupplung Serie MPT

Mobile part Item Codes - Maschinenseite Artikelnummer

 **12mm**



MP MPT 12 - C - X

MP Mobile part / Maschinenseite

MPT MPT profile / MPT Profil

12 Flow size / Nennweite

C Connections / Anschlüsse

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

X Socket insert / Kupplungseinsatz



Socket with valve / Kupplungseinsatz mit Ventil



FHB 12 Standard hose type Ø 12mm / Standardschlauchtülle Ø 12mm

FHB 16 Standard hose type Ø 16mm / Standardschlauchtülle Ø 16mm



FPB 13 Clampless hose type Ø 13mm / Schnellstecktülle Ø 13mm

FPB 16 Clampless hose type Ø 16mm / Schnellstecktülle Ø 16mm



FFB 12 Female thread BSP 1/2" / Innengewinde BSP 1/2"



Socket without valve / Kupplungseinsatz ohne Ventil



FHF 12 Standard hose type Ø 12mm / Standardschlauchtülle Ø 12mm

FHF 16 Standard hose type Ø 16mm / Standardschlauchtülle Ø 16mm



FPF 13 Clampless hose type Ø 13mm / Schnellstecktülle Ø 13mm

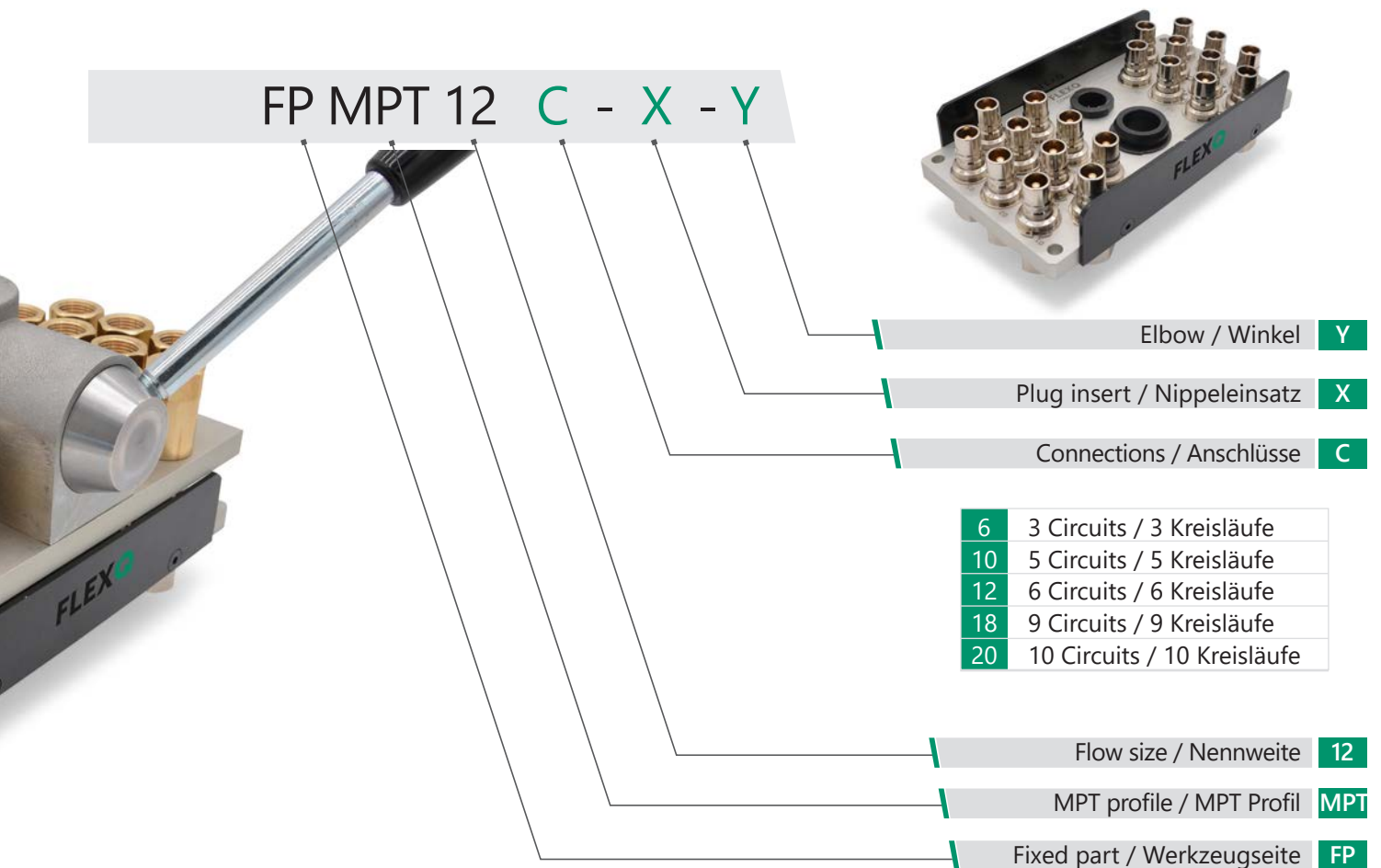
FPF 16 Clampless hose type Ø 16mm / Schnellstecktülle Ø 16mm



FFF 12 Female thread BSP 1/2" / Innengewinde BSP 1/2"

Multicoupling Series MPT - Multikupplung Serie MPT

Fixed part Item Codes - Werkzeugseite Artikelnummer



The diagram shows a close-up of a multicoupling assembly on the left and a full assembly on the right. Callouts from the code 'FP MPT 12 C - X - Y' point to specific parts: 'FP' points to the fixed part, 'MPT' points to the MPT profile, '12' points to the flow size, 'C' points to the connections, 'X' points to the plug insert, and 'Y' points to the elbow/winkel.

FP MPT 12 C - X - Y

- Elbow / Winkel **Y**
- Plug insert / Nippeleinsatz **X**
- Connections / Anschlüsse **C**

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

- Flow size / Nennweite **12**
- MPT profile / MPT Profil **MPT**
- Fixed part / Werkzeugseite **FP**



Plug with valve / Nippeleinsatz mit Ventil



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



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



MFB 12 Female thread BSP 1/2" / Innengewinde BSP 1/2"



Plug without valve / Nippeleinsatz ohne Ventil



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



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

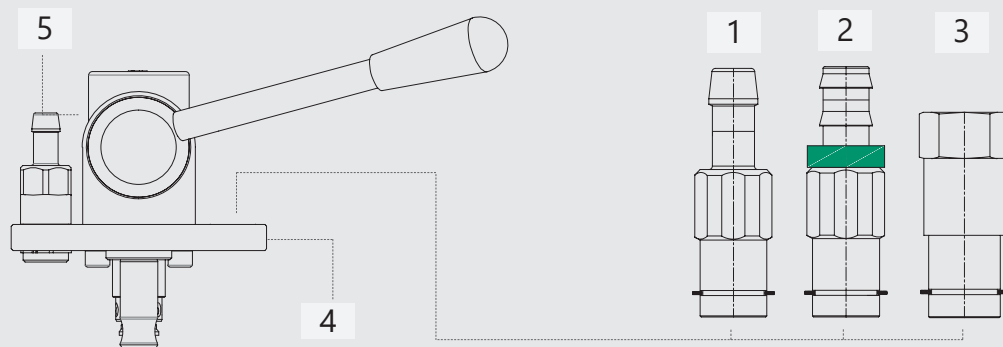


MFF 12 Female thread BSP 1/2" / Innengewinde BSP 1/2"

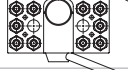
Multicoupling Series MPT - Multikupplung Serie MPT

Mobile part Item Equipment - Maschinenseite Bestückung

 **12mm**



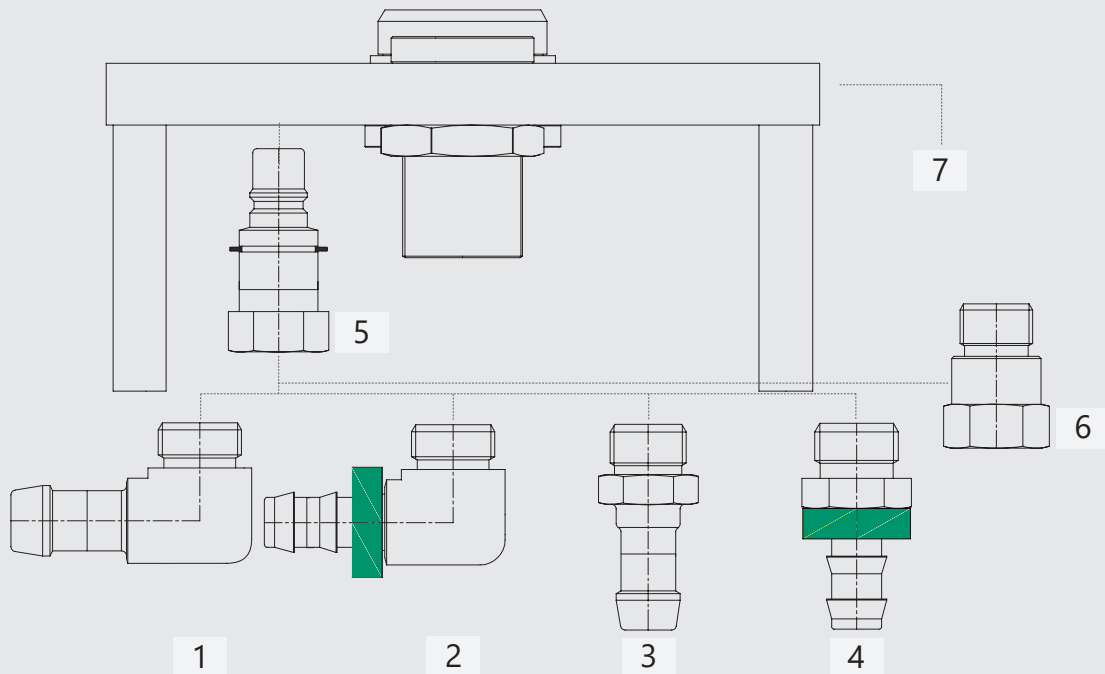
Assemblies Baugruppen	N			Description / Beschreibung
	1	MP MPT.12-X FHB 12	MP MPT.12-X FHF 12	Standard hose tail Ø 12mm Standardschlauchtülle Ø 12mm
		MP MPT.12-X FHB 16	MP MPT.12-X FHF 16	Standard hose tail Ø 16mm Standardschlauchtülle Ø 16mm
	2	MP MPT.12-X FPB 13	MP MPT.12-X FPF 13	Clampless hose tail Ø 13mm Schnellstecktülle Ø 13mm
		MP MPT.12-X FPB 16	MP MPT.12-X FPF 16	Clampless hose tail Ø 16mm Schnellstecktülle Ø 16mm
	3	MP MPT.12-X FFB 12	MP MPT.12-X FFF 12	Female thread BSP 1/2" Innengewinde BSP 1/2"
		MP MPT.12-X FNB 12	MP MPT.12-X FNF 12	Female thread NPT 1/2" Innengewinde NPT 1/2"
		MP MPT.12-12 114 C		Collector with female thread BSP 1 1/4" Sammler mit Innengewinde BSP 1 1/4"
		MP MPT.12-20 112 C		Collector with female thread BSP 1 1/2" Sammler mit Innengewinde BSP 1 1/2"

Connections Anschlüsse	Schema Schema
6	
10	
12	
12	
18	
20	
20	

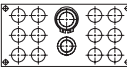
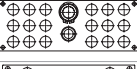
Spare parts / Einzelteile	N			Description / Beschreibung
	1	M MPT.12 FHB 12	M MPT.12 FHF 12	Socket with standard hose tail Ø 12mm Kupplung mit Standardschlauchtülle Ø 12mm
		M MPT.12 FHB 16	M MPT.12 FHF 16	Socket with standard hose tail Ø 16mm Kupplung mit Standardschlauchtülle Ø 16mm
	2	M MPT.12 FPB 13	M MPT.12 FPF 13	Socket with clampless hose tail Ø 13mm Kupplung mit Schnellstecktülle Ø 13mm
		M MPT.12 FPB 16	M MPT.12 FPF 16	Socket with clampless hose tail Ø 16mm Kupplung mit Schnellstecktülle Ø 16mm
	3	M MPT.12 FFB 12	M MPT.12 FFF 12	Socket with female thread BSP 1/2" Kupplung mit Innengewinde BSP 1/2"
		M MPT.12 FNB 12	M MPT.12 FNF 12	Socket with female thread NPT 1/2" Kupplung mit Innengewinde NPT 1/2"
	N		Description / Beschreibung	
	4	MP MPT.12-X	Mobile part only with locking unit Maschinenseite nur mit Verriegelungseinheit	
	5	L-UNIT BG2	Locking unit size 2 Verriegelungseinheit Baugröße 2	

Multicoupling Series MPT - Multikupplung Serie MPT

Fixed part Item Equipment - Werkzeugseite Bestückung



Assemblies / Baugruppen

N			Description / Beschreibung	Connections Anschlüsse	Scheme Schema
1	FP MPT.12-X MHB 12-90	FP MPT.12-X MHF 12-90	Plug + 90° elbow with standard hose tail Ø 12mm Nippel + 90° Winkelstandardschlauchtülle 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 Nippel + 90° Winkelstandardschlauchtülle Ø 16mm		
2	FP MPT.12-X MPB 13-90	FP MPT.12-X MPF 13-90	Plug + 90° elbow with clamped hose tail Ø 13mm Nippel + 90° Winkelschnellstecktülle Ø 13mm	10	
	FP MPT.12-X MPB 16-90	FP MPT.12-X MPF 16-90	Plug + 90° elbow with clamped hose tail Ø 16mm Nippel + 90° Winkelschnellstecktülle Ø 16mm		
3	FP MPT.12-X MHB 12	FP MPT.12-X MHF 12	Plug + adapter with standard hose tail Ø 12mm Nippel + Standardschlauchtülle Ø 12mm	12	
	FP MPT.12-X MHB 16	FP MPT.12-X MHF 16	Plug + adapter with standard hose tail Ø 16mm Nippel + Standardschlauchtülle Ø 16mm		
4	FP MPT.12-X MPB 13	FP MPT.12-X MPF 13	Plug + adapter with clamped hose tail Ø 13mm Nippel + Schnellstecktülle Ø 13mm	18	
	FP MPT.12-X MPB 16	FP MPT.12-X MPF 16	Plug + adapter with clamped hose tail Ø 16mm Nippel + Schnellstecktülle Ø 16mm		
5	FP MPT.12-X MFB 12	FP MPT.12-X MFF 12	Plug female thread BSP 1/2" Nippel mit Innengewinde BSP 1/2"	20	
	FP MPT.12-X MNB 12	FP MPT.12-X MNF 12	Plug female thread NPT 1/2" Nippel mit Innengewinde NPT 1/2"		

Spare parts / Einzelteile

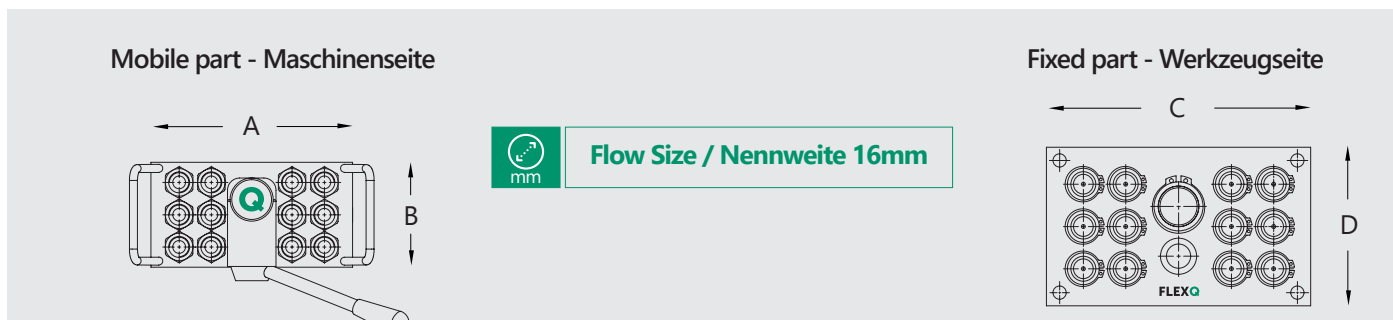
N	Code	Description / Beschreibung
1	ELH 12/12-90	Male BSP 1/2" - 90° elbow with standard hose tail Ø 12mm Aussengewinde BSP 1/2" - 90° Winkelstandardschlauchtülle Ø 12mm
	ELH 12/16-90	Male BSP 1/2" - 90° elbow with standard hose tail Ø 16mm Aussengewinde BSP 1/2" - 90° Winkelstandardschlauchtülle Ø 16mm
2	ELP 12/13-90	Male BSP 1/2" - 90° elbow with clamped hose tail Ø 13mm Aussengewinde BSP 1/2" - 90° Winkelschnellstecktülle Ø 13mm
	ELP 12/16-90	Male BSP 1/2" - 90° elbow with clamped hose tail Ø 16mm Aussengewinde BSP 1/2" - 90° Winkelschnellstecktülle Ø 16mm
3	MHA 12/12	Male BSP 1/2" adapter with standard hose tail Ø 12mm Aussengewinde BSP 1/2" Standardschlauchtülle Ø 12mm
	MHA 12/16	Male BSP 1/2" adapter with standard hose tail Ø 16mm Aussengewinde BSP 1/2" Standardschlauchtülle Ø 16mm
4	MPA 12/13	Male BSP 1/2" adapter with clamped hose tail Ø 13mm Aussengewinde BSP 1/2" Schnellstecktülle Ø 13mm
	MPA 12/16	Male BSP 1/2" adapter with clamped hose tail Ø 16mm Aussengewinde BSP 1/2" Schnellstecktülle Ø 16mm
5	M MPT.12 MFB 12	Plug female thread BSP 1/2" with valve Nippel Innengewinde BSP 1/2" mit Ventil
	M MPT.12 MFF 12	Plug female thread NPT 1/2" without valve Nippel Innengewinde NPT 1/2" ohne Ventil
6	MFE 12/12-34	Male female extension BSP 1/2" Aussengewinde / Innengewinde Verlängerung BSP 1/2"
7	FP MPT.12-X	Fixed part not equipped Werkzeugseite unbestückt

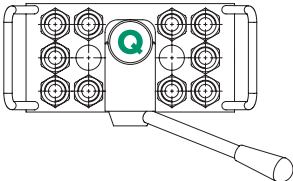
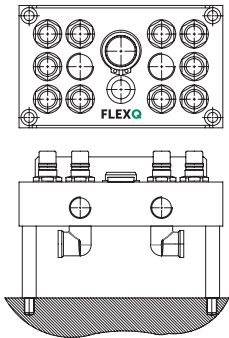
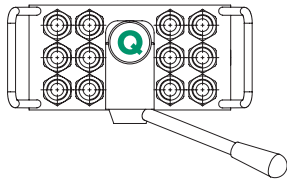
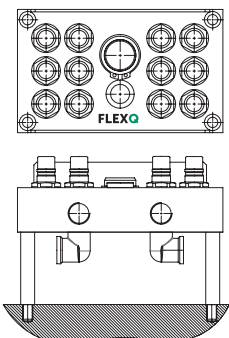
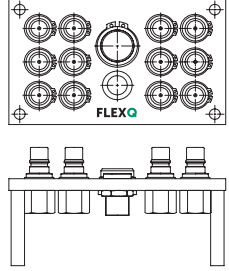


Multicoupling Series MPT - Multikupplung Serie MPT

Dimensions - Abmessungen

 **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

FLEXQ

■ MULTICOUPLINGS FOR FLUIDS / SERIES MPT



Multicoupling Series MPT - Multikupplung Serie MPT

Mobile part Item Codes - Maschinenseite Artikelnummer

 **16mm**



MP MPT 16 - C - X

MP Mobile part / Maschinenseite

MPT MPT profile / MPT Profil

16 Flow size / Nennweite

C Connections / Anschlüsse

10 5 Circuits / 5 Kreisläufe

12 6 Circuits / 6 Kreisläufe

X Socket insert / Kupplungseinsatz



Socket with valve / Kupplungseinsatz mit Ventil



FHB 16 Standard hose type Ø 16mm / Standardschlauchtülle Ø 16mm

FHB 19 Standard hose type Ø 19mm / Standardschlauchtülle Ø 19mm



FPB 16 Clampless hose type Ø 16mm / Schnellstecktülle Ø 16mm

FPB 19 Clampless hose type Ø 19mm / Schnellstecktülle Ø 19mm



FFB 34 Female thread BSP 3/4" / Innengewinde BSP 3/4"



Socket without valve / Kupplungseinsatz ohne Ventil



FHF 16 Standard hose type Ø 16mm / Standardschlauchtülle Ø 16mm

FHF 19 Standard hose type Ø 19mm / Standardschlauchtülle Ø 19mm



FPF 16 Clampless hose type Ø 16mm / Schnellstecktülle Ø 16mm

FPF 19 Clampless hose type Ø 19mm / Schnellstecktülle Ø 19mm



FFF 34 Female thread BSP 3/4" / Innengewinde BSP 3/4"

Multicoupling Series MPT - Multikupplung Serie MPT

Fixed part Item Codes - Werkzeugseite Artikelnummer

FP MPT 16 C - X

- FP** Fixed part / Werkzeugseite
- MPT** MPT profile / MPT Profil
- 16** Flow size / Nennweite
- C** Connections / Anschlüsse
- X** Plug insert / Nippeleinsatz

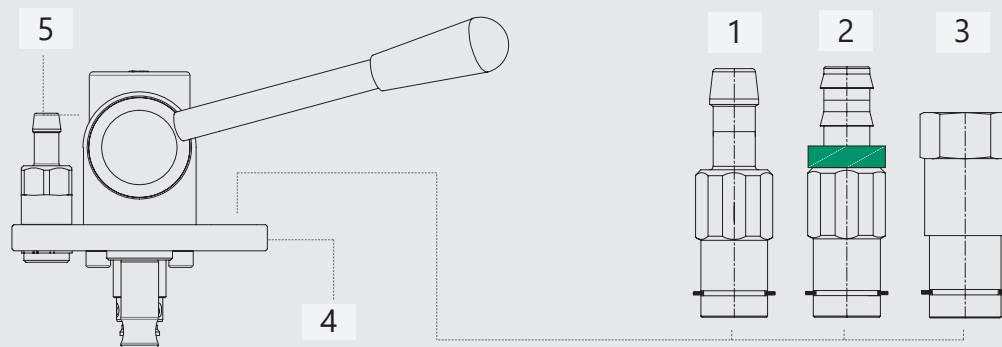
10	5 Circuits / 5 Kreisläufe
12	6 Circuits / 6 Kreisläufe

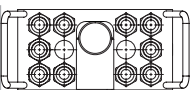
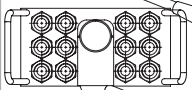
Plug with valve / Nippeleinsatz mit Ventil	
	MFB 34 Female thread BSP 3/4" / Innengewinde BSP 3/4"
Plug without valve / Nippeleinsatz ohne Ventil	
	MFF 34 Female thread BSP 3/4" / Innengewinde BSP 3/4"

Multicoupling Series MPT - Multikupplung Serie MPT

Mobile part Item Equipment - Maschinenseite Bestückung

 **16mm**



Assemblies Baugruppen	N			Description / Beschreibung	Connections / Anschlüsse	Schema Schema
	1	MP MPT.16-X FHB 16	MP MPT.16-X FHF 16	Standard hose tail Ø 16mm Standardschlauchtüle Ø 16mm	10	
		MP MPT.16-X FHB 19	MP MPT.16-X FHF 19	Standard hose tail Ø 19mm Standardschlauchtüle Ø 19mm		
	2	MP MPT.16-X FPB 16	MP MPT.16-X FPF 16	Clampless hose tail Ø 16mm Schnellstecktülle Ø 16mm	12	
		MP MPT.16-X FPB 19	MP MPT.16-X FPF 19	Clampless hose tail Ø 19mm Schnellstecktülle Ø 19mm		
	3	MP MPT.16-X FFB 34	MP MPT.16-X FFF 34	Female thread BSP 3/4" Innengewinde BSP 3/4"		
		MP MPT.16-X FNB 34	MP MPT.16-X FNF 34	Female thread NPT 3/4" Innengewinde NPT 3/4"		

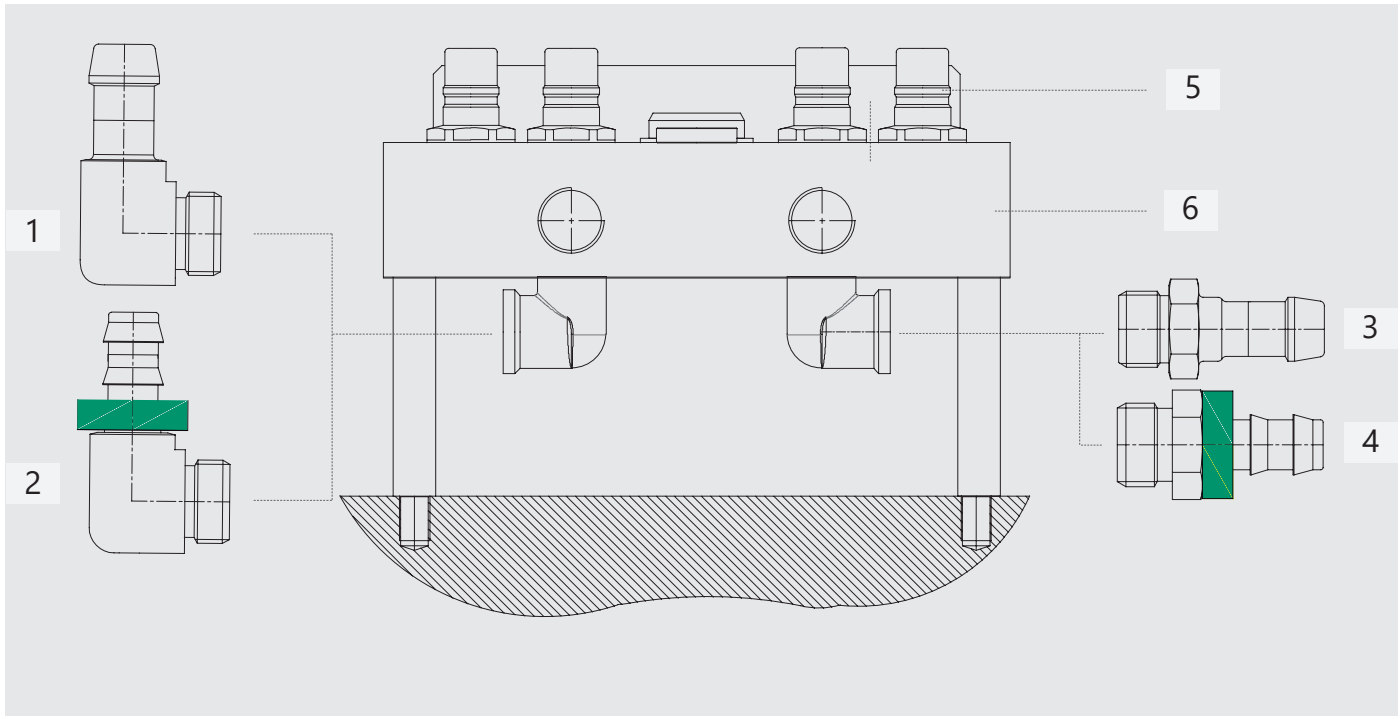
Spare parts / Einzelteile

N			Description / Beschreibung	
1	M MPT.16 FHB 16	M MPT.16 FHF 16	Socket with standard hose tail Ø 16mm Kupplung mit Standardschlauchtülle Ø 16mm	
	M MPT.16 FHB 19	M MPT.16 FHF 19	Socket with standard hose tail Ø 19mm Kupplung mit Standardschlauchtülle Ø 19mm	
2	M MPT.16 FPB 16	M MPT.16 FPF 16	Socket with clampless hose tail Ø 16mm Kupplung mit Schnellstecktülle Ø 16mm	
	M MPT.16 FPB 19	M MPT.16 FPF 19	Socket with clampless hose tail Ø 19mm Kupplung mit Schnellstecktülle Ø 19mm	
3	M MPT.16 FFB 34	M MPT.16 FFF 34	Socket with female thread BSP 3/4" Kupplung mit Innengewinde BSP 3/4"	
	M MPT.16 FNB 34	M MPT.16 FNF 34	Socket with female thread NPT 3/4" Kupplung mit Innengewinde NPT 3/4"	

N			Description / Beschreibung	
4	MP MPT.16-X		Mobile part only with locking unit Maschinenseite nur mit Verriegelungseinheit	
5	L-UNIT BG2		Locking unit size 2 Verriegelungseinheit Baugröße 2	

Multicoup Series MPT - Multikupplung Serie MPT

Fixed part Item Equipment - Werkzeugseite Bestückung



Assemblies / Baugruppen	N			Description / Beschreibung	Connections Anschlüsse	Scheme Schema
	1	FP MPT.16-X MHB 16-90	FP MPT.16-X MHF 16-90	Plug + 90° elbow with standard hose tail Ø 16mm Nippel + 90° Winkelstandardschlauchtülle 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 Nippel + 90° Winkelstandardschlauchtülle 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 Nippel + 90° Winkelschnellstecktülle 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 Nippel + 90° Winkelschnellstecktülle Ø 19mm		
	3	FP MPT.16-X MHB 16	FP MPT.16-X MHF 16	Plug + adapter with standard hose tail Ø 16mm Nippel + Standardschlauchtülle Ø 16mm	12	
		FP MPT.16-X MHB 19	FP MPT.16-X MHF 19	Plug + adapter with standard hose tail Ø 19mm Nippel + Standardschlauchtülle Ø 19mm		
	4	FP MPT.16-X MPB 16	FP MPT.16-X MPF 16	Plug + adapter with clampless hose tail Ø 16mm Nippel + Schnellstecktülle Ø 16mm		
		FP MPT.16-X MPB 19	FP MPT.16-X MPF 19	Plug + adapter with clampless hose tail Ø 19mm Nippel + Schnellstecktülle Ø 19mm		
	5	FP MPT.16-X MFB 34	FP MPT.16-X MFF 34	Plug female thread BSP 3/4" Nippel mit Innengewinde BSP 3/4"		
		FP MPT.16-X MNB 34	FP MPT.16-X MNF 34	Plug female thread NPT 3/4" Nippel mit Innengewinde NPT 3/4"		

Spare parts / Einzelteile	N	Code	Description / Beschreibung
	1	ELH 34/16-90	Male BSP 3/4" - 90° elbow with standard hose tail Ø 16mm Aussengewinde BSP 3/4" - 90° Winkelstandardschlauchtülle Ø 16mm
		ELH 34/19-90	Male BSP 3/4" - 90° elbow with standard hose tail Ø 19mm Aussengewinde BSP 3/4" - 90° Winkelstandardschlauchtülle Ø 19mm
	2	ELP 34/16-90	Male BSP 3/4" - 90° elbow with clampless hose tail Ø 16mm Aussengewinde BSP 3/4" - 90° Winkelschnellstecktülle Ø 16mm
		ELP 34/19-90	Male BSP 3/4" - 90° elbow with clampless hose tail Ø 19mm Aussengewinde BSP 3/4" - 90° Winkelschnellstecktülle Ø 19mm
	3	MHA 34/16	Male BSP 3/4" adapter with standard hose tail Ø 16mm Aussengewinde BSP 3/4" Standardschlauchtülle Ø 16mm
		MHA 34/19	Male BSP 3/4" adapter with standard hose tail Ø 19mm Aussengewinde BSP 3/4" Standardschlauchtülle Ø 19mm
	4	MPA 34/16	Male BSP 3/4" adapter with clampless hose tail Ø 16mm Aussengewinde BSP 3/4" Schnellstecktülle Ø 16mm
		MPA 34/19	Male BSP 3/4" adapter with clampless hose tail Ø 19mm Aussengewinde BSP 3/4" Schnellstecktülle Ø 19mm
	5	MPT.16 MFB 10	Plug female thread BSP 1" with valve Nippel Innengewinde BSP 1" mit Ventil
		MPT.16 MFF 10	Plug female thread NPT 1" without valve Nippel Innengewinde NPT 1" ohne Ventil
	6	FP MPT.16-X	Fixed part not equipped Werkzeugseite unbestückt



LINKING PRECISION WITH PERFORMANCE

QUICK COUPLING SOLUTIONS

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