

Multicouplings for fluids, hydraulics and pneumatics

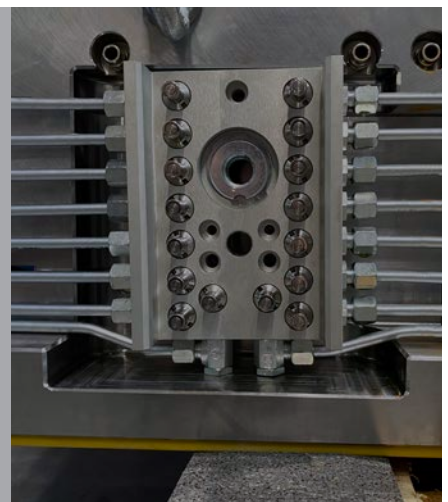
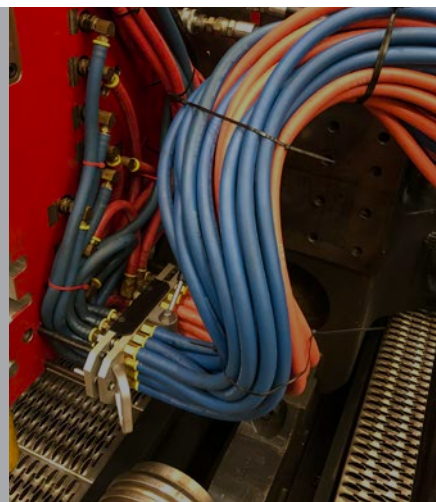
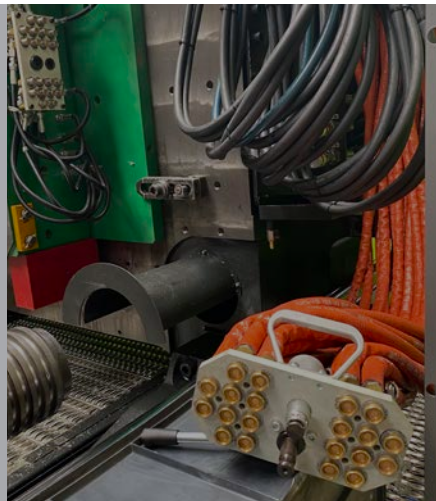
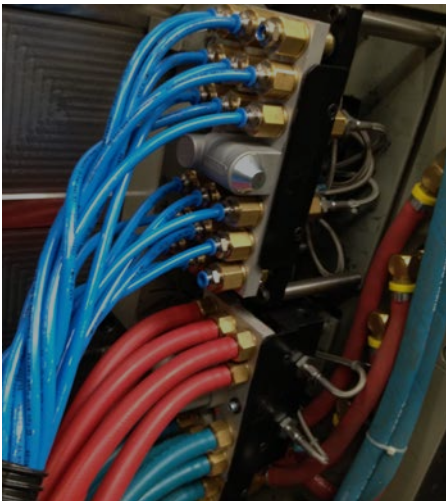


Multicouplings

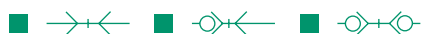


LINKING PRECISION WITH PERFORMANCE

Examples / Beispiele



PROFILE TYPES



RPT



Flow Size / Nennweiten

RPT 10 - 10 mm
RPT 12 - 12 mm



Number of Connections / Anschlüsse

RPT 10 - 6-24
RPT 12 - 6-18



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 hoses on the plates
Many connection options
The connectors are compatible with the monocouplings of the series (RPT)

Rüstzeitoptimierung durch zentrale Verriegelung
Fehlervermeidung durch feste Anordnung der Schläuche auf den Platten
Viele Anschlussmöglichkeiten
Die Anschlüsse sind kompatibel mit den monokupplungen der Serie RPT

OPTIONS / OPTIONEN

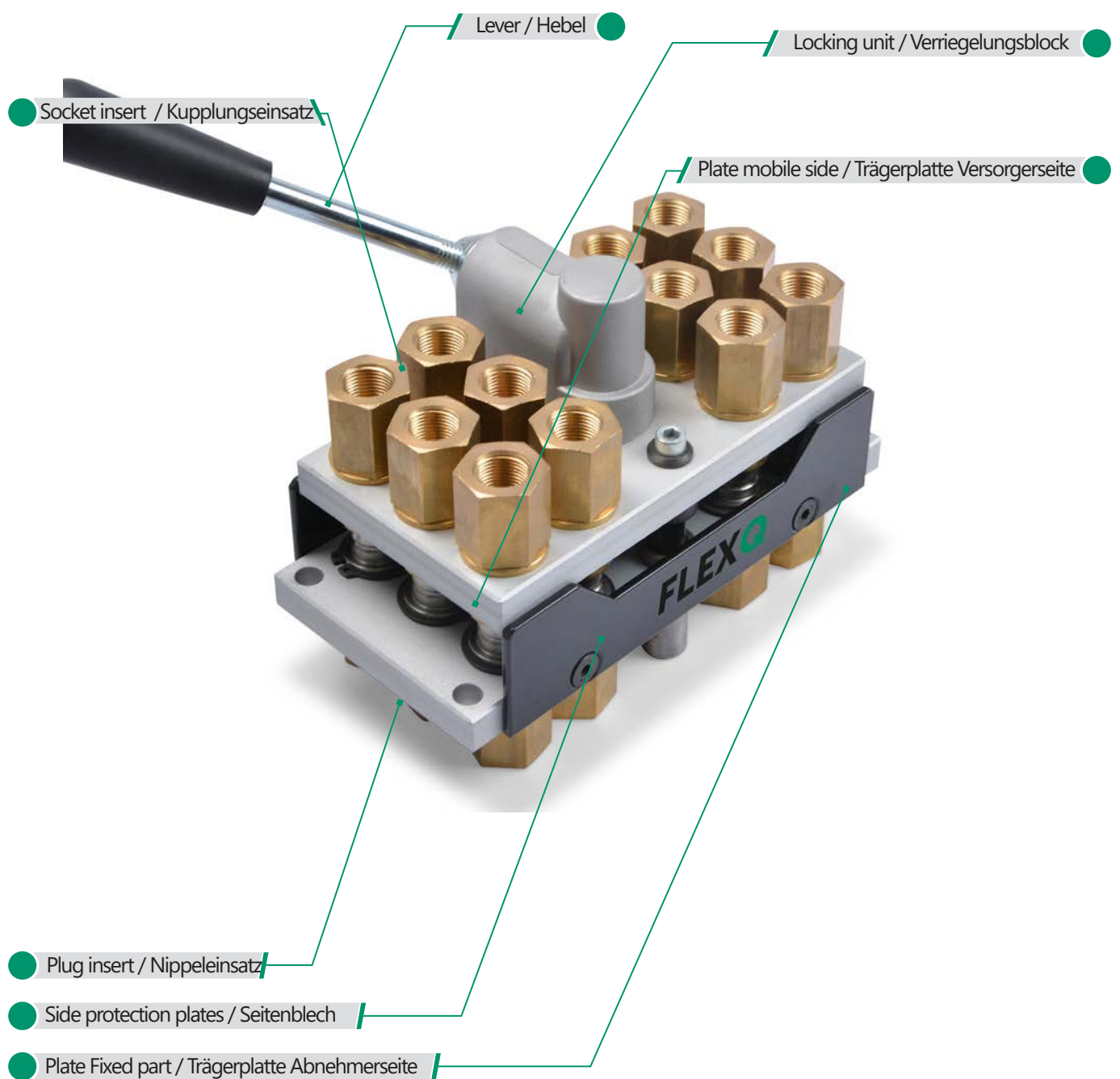
Color coding of the plates
Stainless Steel option for plates, connectors and locking unit
High temperature option for connectors
Safety locking unit

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

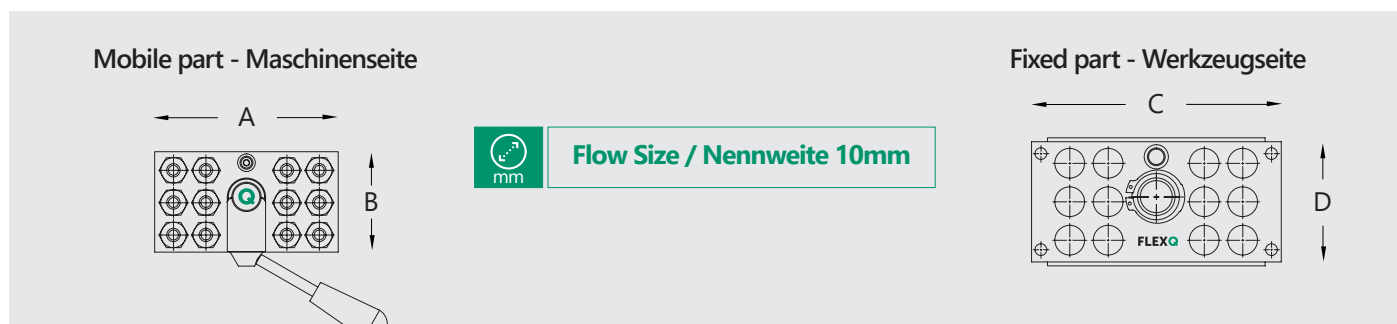
Temperierung
Kunststoffspritzguss
Alu Druckguss
Prüfstände

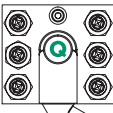
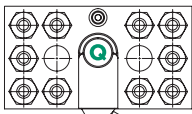
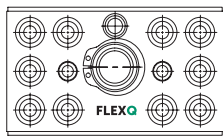
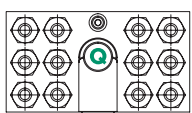
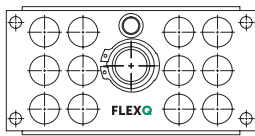
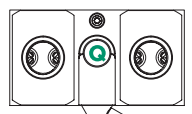
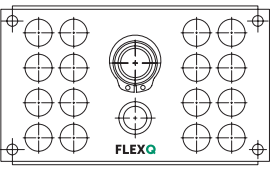
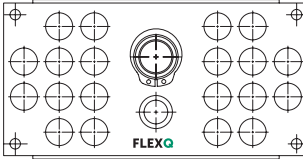
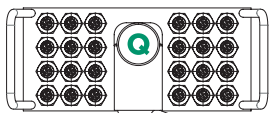
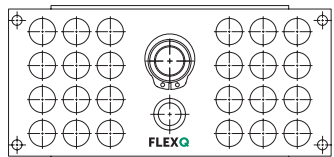


Multicoupling Series RPT - Multikupplung Serie RPT

 **10mm**

Dimensions - Abmessungen



Mobile part	Fixed part	A	B	C	D	n	DN
		105	93	132	95	6	10
		170	104	172	94	10	10
		170	104	195	94	12	10
		230	129	230	130	16	10
		260	129	260	130	20	10
		265	129	285	230	24	10

FLEXQ

■ MULTICOUPLINGS FOR FLUIDS / SERIES RPT



Multicoupling Series RPT - Multikupplung Serie RPT

Mobile part Item Codes - Maschinenseite Artikelnummer

 **10mm**



MP RPT 10 - C - X

MP Mobile part / Maschinenseite

RPT RPT profile / RPT Profil

10 Flow size / Nennweite

C Connections / Anschlüsse

6 3 Circuits / 3 Kreisläufe

10 5 Circuits / 5 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



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 13mm / Schnellstecktülle Ø 13mm



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

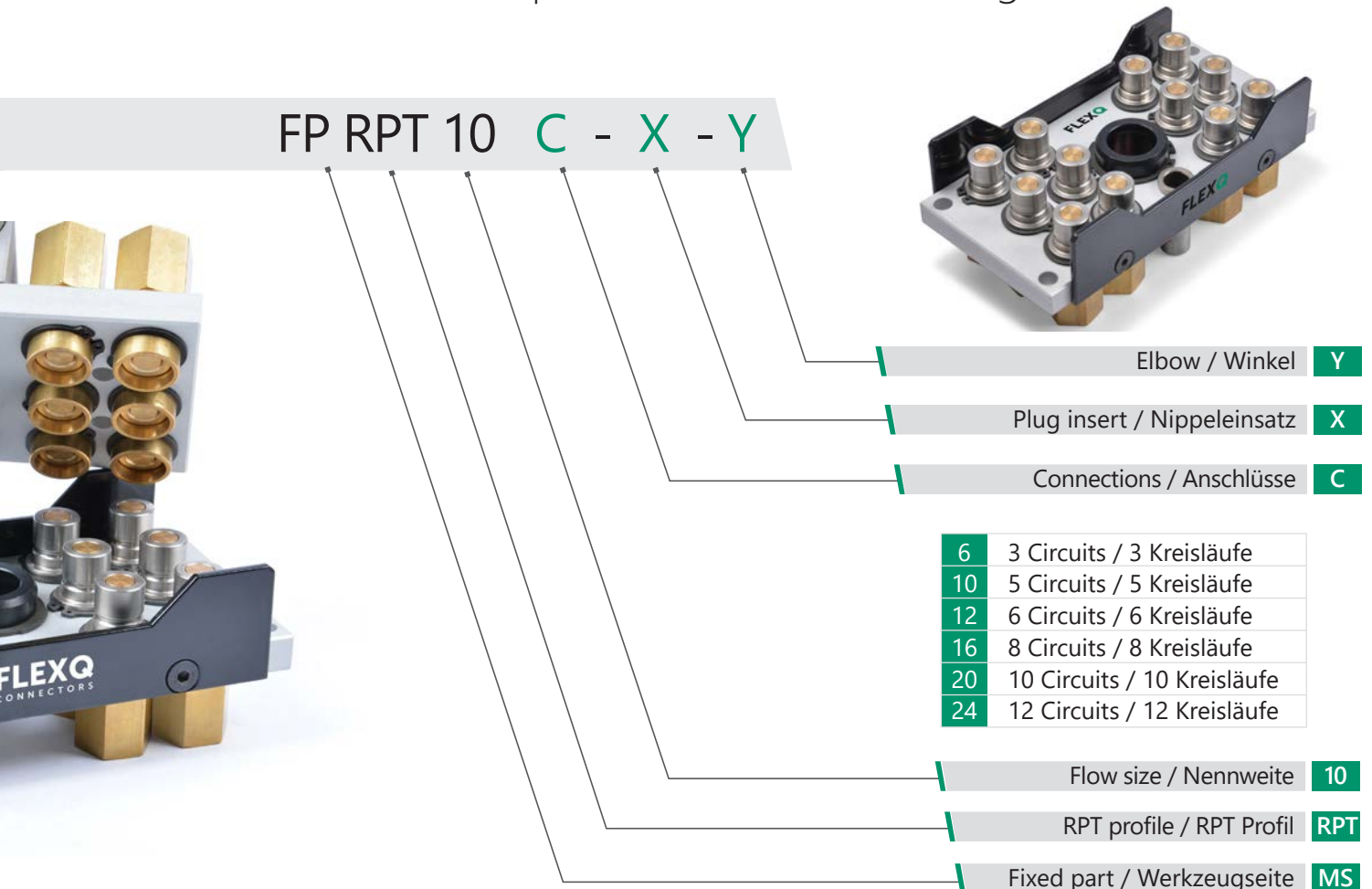
FPF 13 Clampless hose type Ø 13mm / Schnellstecktülle Ø 13mm



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

Multicoupling Series RPT - Multikupplung Serie RPT

Fixed part Item Codes - Werkzeugseite Artikelnummer



The diagram illustrates the components of a FLEXQ RPT multicoupling and their corresponding item codes. The main code is **FP RPT 10 C - X - Y**, where:

- FP RPT 10**: Fixed part / Werkzeugseite
- C**: Connections / Anschlüsse
- X**: Plug insert / Nippeleinsatz
- Y**: Elbow / Winkel

Additional specifications are listed in the table below:

Flow size / Nennweite	RPT profile / RPT Profil
6	3 Circuits / 3 Kreisläufe
10	5 Circuits / 5 Kreisläufe
12	6 Circuits / 6 Kreisläufe
16	8 Circuits / 8 Kreisläufe
20	10 Circuits / 10 Kreisläufe
24	12 Circuits / 12 Kreisläufe



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 13mm / Schnellstecktülle Ø 13mm



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 13mm / Schnellstecktülle Ø 13mm



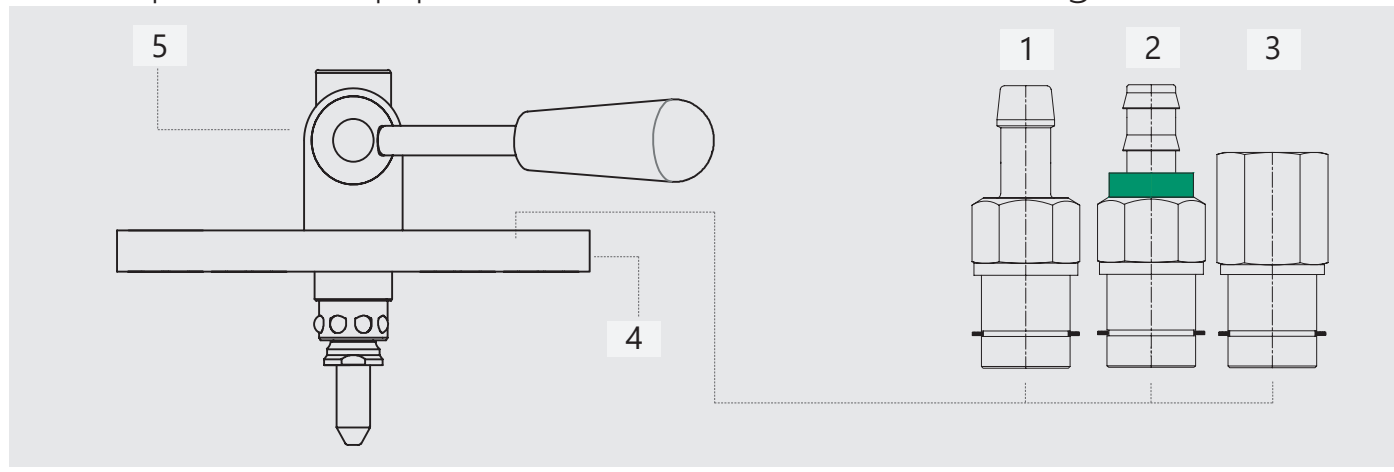
MFF 38 Female thread BSP 3/8" / Innengewinde BSP 3/8"

Multicoupling Series RPT - Multikupplung Serie RPT

Mobile part Item Equipment - Maschinenseite Bestückung



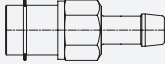
10mm



Assemblies Baugruppen

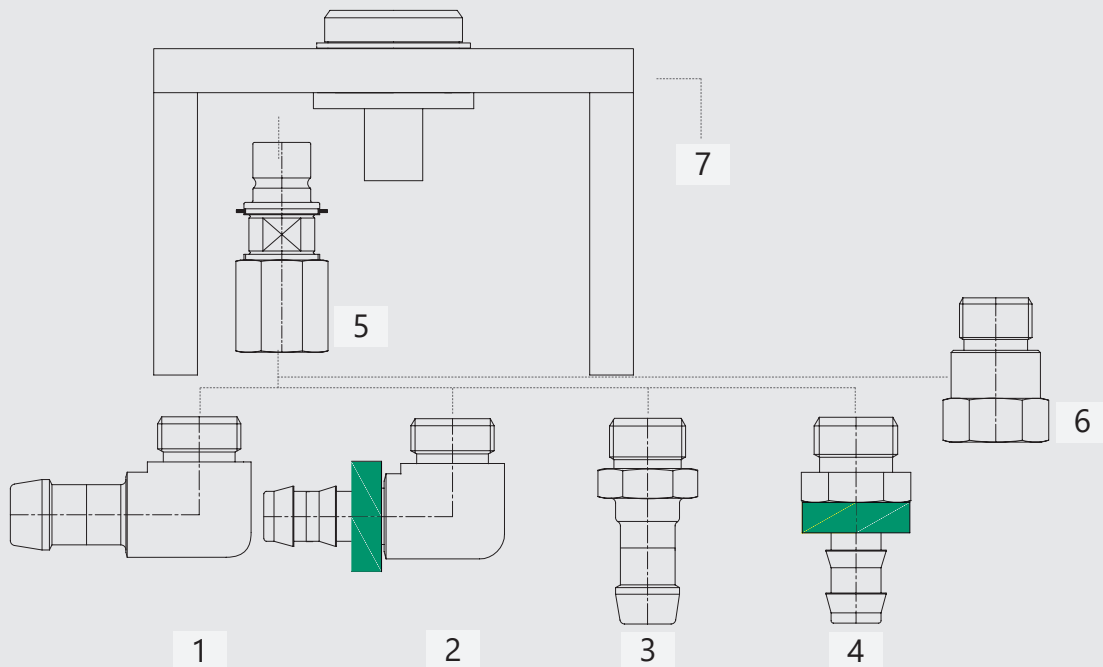
N	 	 	Description / Beschreibung
1	MP RPT.10- X FHB 10	MP RPT.10- X FHF 10	Standard hose tail Ø 10mm Standardschlauchtülle Ø 10mm
	MP RPT.10- X FHB 12	MP RPT.10- X FHF 12	Standard hose tail Ø 12mm Standardschlauchtülle Ø 12mm
2	MP RPT.10- X FPB 10	MP RPT.10- X FPF 10	Clampless hose tail Ø 10mm Schnellstecktülle Ø 10mm
	MP RPT.10- X FPB 13	MP RPT.10- X FPF 13	Clampless hose tail Ø 13mm Schnellstecktülle Ø 13mm
3	MP RPT.10- X FFB 38	MP RPT.10- X FFF 38	Female thread BSP 3/8" Innengewinde BSP 3/8"
	MP RPT.10- X FNB 38	MP RPT.10- X FNF 38	Female thread NPT 3/8" Innengewinde NPT 3/8"

Connections Anschlüsse	Scheme Schema
6	
10	
12	
12C	
16	
20	
24	

Spare parts / Einzelteile	N			Description / Beschreibung	
	1	M RPT.10 FHB 10	M RPT.10 FHF 10	Socket with standard hose tail Ø 10mm Kupplung mit Standardschlauchtülle Ø 10mm	
		M RPT.10 FHB 12	M RPT.10 FHF 12	Socket with standard hose tail Ø 12mm Kupplung mit Standardschlauchtülle Ø 12mm	
	2	M RPT.10 FPB 10	M RPT.10 FPF 10	Socket with clampless hose tail Ø 10mm Kupplung mit Schnellstecktülle Ø 10mm	
		M RPT.10 FPB 13	M RPT.10 FPF 13	Socket with clampless hose tail Ø 13mm Kupplung mit Schnellstecktülle Ø 13mm	
Spare parts / Einzelteile	3	M RPT.10 FFB 38	M RPT.10 FFF 38	Socket with female thread BSP 3/8" Kupplung mit Innengewinde BSP 3/8"	
		M RPT.10 FNB 38	M RPT.10 FNF 38	Socket with female thread NPT 3/8" Kupplung mit Innengewinde NPT 3/8"	
	N			Description / Beschreibung	
	4	MP RPT.10-X		Mobile part only with locking unit Maschinenseite nur mit Verriegelungseinheit	
	5	L-UNIT BG3		Locking unit size 3 (Connections 6/10/12) Verriegelungseinheit Baugröße 3 (Anschlüsse 6/10/12)	
		L-UNIT BG4		Locking unit size 4 (Connections 16/20/24) Verriegelungseinheit Baugröße 4 (Anschlüsse 16/20/24)	

Multicoupling Series RPT - Multikupplung Serie RPT

Fixed part Item Equipment - Werkzeugseite Bestückung



Assemblies / Baugruppen	N			Description / Beschreibung	Connections Anschlüsse	Scheme Schema
	1	FP RPT.10-X MHB 10-90	FP RPT.10-X MHF 10-90	Plug + 90° elbow with standard hose tail Ø 10mm Nippel + 90° Winkelstandardschlauchtülle Ø 10mm	6	
		FP RPT.10-X MHB 12-90	FP RPT.10-X MHF 12-90	Plug + 90° elbow with standard hose tail Ø 12mm Nippel + 90° Winkelstandardschlauchtülle Ø 12mm		
	2	FP RPT.10-X MPB 10-90	FP RPT.10-X MPF 10-90	Plug + 90° elbow with clamped hose tail Ø 10mm Nippel + 90° Winkelschnellstecktülle Ø 10mm	10	
		FP RPT.10-X MPB 13-90	FP RPT.10-X MPF 13-90	Plug + 90° elbow with clamped hose tail Ø 13mm Nippel + 90° Winkelschnellstecktülle Ø 13mm		
	3	FP RPT.10-X MHB 10	FP RPT.09-X MHF 10	Plug + adapter with standard hose tail Ø 10mm Nippel + Standardschlauchtülle Ø 10mm	12	
		FP RPT.10-X MHB 12	FP RPT.10-X MHF 12	Plug + adapter with standard hose tail Ø 12mm Nippel + Standardschlauchtülle Ø 12mm		
	4	FP RPT.10-X MPB 10	FP RPT.10-X MPF 10	Plug + adapter with clamped hose tail Ø 10mm Nippel + Schnellstecktülle Ø 10mm	16	
		FP RPT.10-X MPB 13	FP RPT.10-X MPF 13	Plug + adapter with clamped hose tail Ø 13mm Nippel + Schnellstecktülle Ø 13mm		
	5	FP RPT.10-X MFB 38	FP RPT.10-X MFF 38	Plug female thread BSP 3/8" Nippel mit Innengewinde BSP 3/8"	20	
		FP RPT.10-X MNB 38	FP RPT.10-X MNF 38	Plug female thread NPT 3/8" Nippel mit Innengewinde NPT 3/8"		
					24	

Spare parts / Einzelteile	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 clamped hose tail Ø 10mm Aussengewinde BSP 3/8" - 90° Winkelschnellstecktülle Ø 10mm
		ELP 38/13-90	Male BSP 3/8" - 90° elbow with clamped 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 clamped hose tail Ø 10mm Aussengewinde BSP 3/8" Schnellstecktülle Ø 10mm
		MPA 38/13	Male BSP 3/8" adapter with clamped hose tail Ø 13mm Aussengewinde BSP 3/8" Schnellstecktülle Ø 13mm
	5	M RPT.10 MFB 38	Plug female thread BSP 3/8" with valve Nippel Innengewinde BSP 3/8" mit Ventil
		M RPT.10 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 RPT.10-X	Fixed part not equipped Werkzeugseite unbestückt

LINKING PRECISION WITH PERFORMANCE

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