COUPLING TECHNOLOGY

Water | Pneumatic | Hydraulic | Electrical | Accessories

M090

rtc TYPE

rtc Multicoupling systems

info@hidrafluid.es
976 24 32 10

rtc Multicoupling systems / rtc Multikupplungssysteme type M090

Type	Max.Working Pressure Max. Betriebsdruck	Flow size Nennweite	Connections Anschlüsse	Circuits Kreislauf
rtc M090.09	16 bar	09	6 / 8 / 10 / 12 / 16 / 20 / 24	3 / 4 / 5 / 6 / 8 / 10 / 12

Temperature Range - Temperaturbereich
For oil / bei Öl -10°C +200°C (+14°F +392°F) FPM (V)
For water / bei Wasser -10°C +160°C (+14°F +320°F) FPM (V)

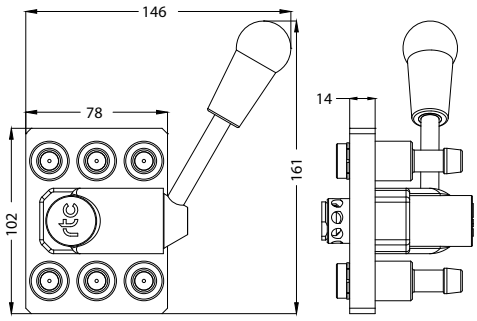
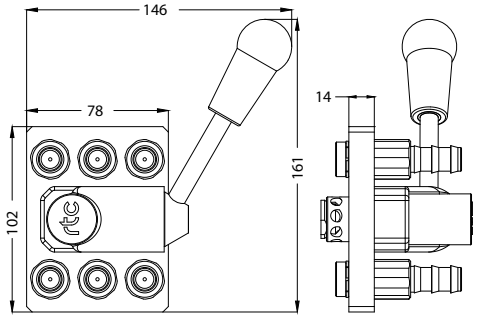
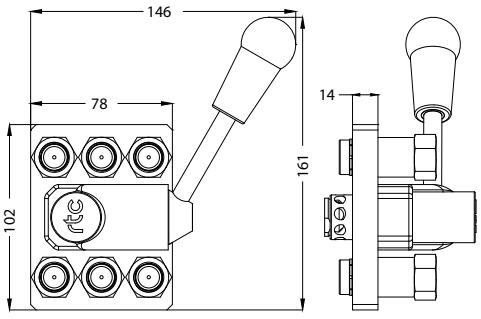
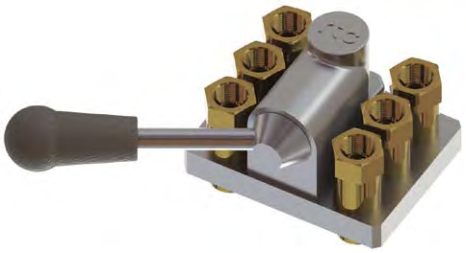
Specification
Connectiing and disconnecting the circuits
in one operation for quick mold change

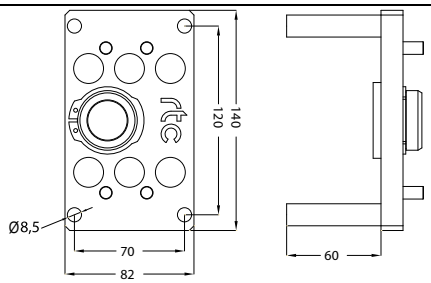
Colour coded plates for circuit definition

Applications
Aluminium die casting
Test units
Plastics industry / cooling heating

info@hidrafluid.es
976 24 32 10

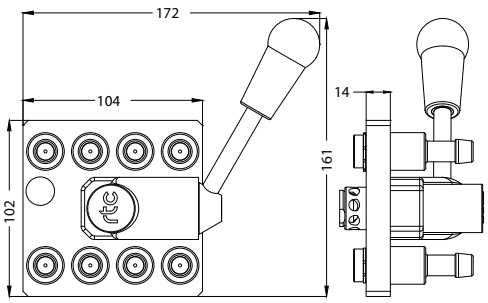
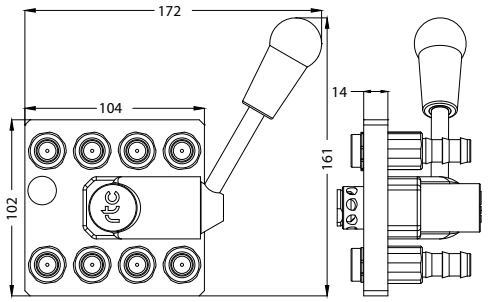
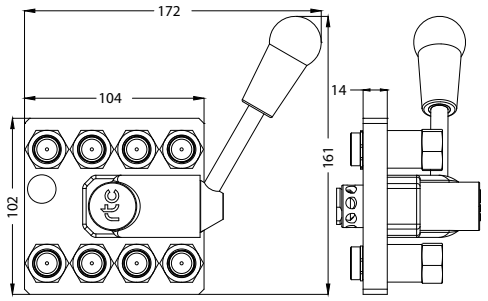
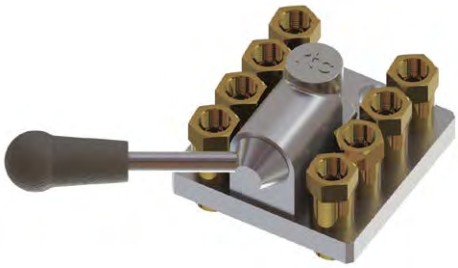
rtc TYPE M 090.09 — Flow diameter 9 mm / Nennweite 9 mm

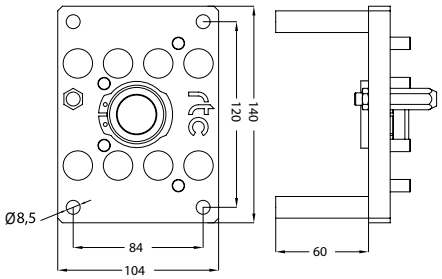
TYPE M 090.09	Mobile side			Item code
3 ⟷ 3		Standard hose	Ø10 Ø12	M 090.09-06 SHB 10 M 090.09-06 SHB 12
			(Full flow) Ø10 Ø12	M 090.09-06 SHF 10 M 090.09-06 SHF 12
		Push to connect	Ø10 Ø13	M 090.09-06 SPB 10 M 090.09-06 SPB 13
			(Full flow) Ø10 Ø13	M 090.09-06 SPF 10 M 090.09-06 SPF 13
		Female thread	BSP 3/8 NPT 3/8	M 090.09-06 SFB 17 M 090.09-06 SNB 17
			(Full flow) BSP 3/8 NPT 3/8	M 090.09-06 SFF 17 M 090.09-06 SNF 17
				

TYPE K 090.09	Mould side		Item code
3 ⟷ 3		Plate for 6 lines	K 090.09-06

info@hidrafluid.es
976 24 32 10

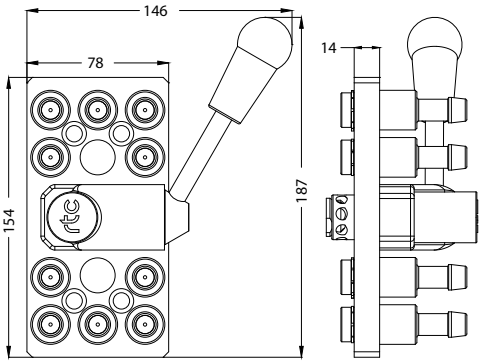
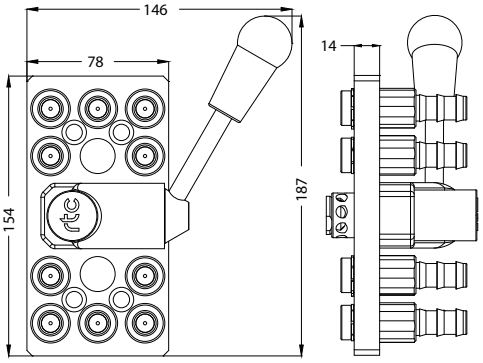
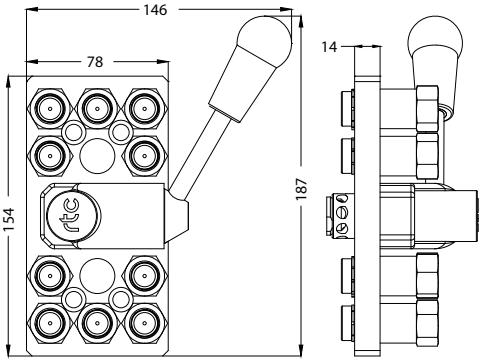
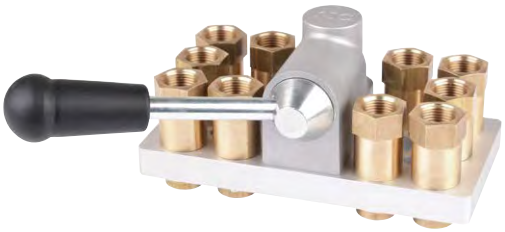
Flow diameter 9 mm / Nennweite 9 mm — TYPE M 090.09

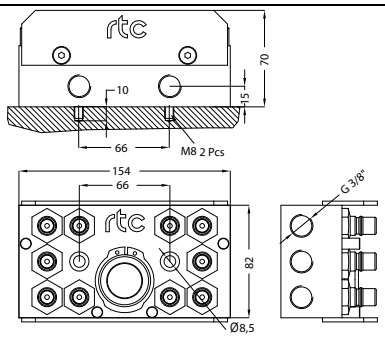
TYPE M 090.09	Mobile side			Item code
4 ⟷ 4		Standard hose	Ø10 Ø12	M 090.09-08 SHB 10 M 090.09-08 SHB 12
			(Full flow) Ø10 Ø12	M 090.09-08 SHF 10 M 090.09-08 SHF 12
		Push to connect	Ø10 Ø13	M 090.09-08 SPB 10 M 090.09-08 SPB 13
			(Full flow) Ø10 Ø13	M 090.09-08 SPF 10 M 090.09-08 SPF 13
		Female thread	BSP 3/8 NPT 3/8	M 090.09-08 SFB 17 M 090.09-08 SNB 17
			(Full flow) BSP 3/8 NPT 3/8	M 090.09-08 SFF 17 M 090.09-08 SNF 17
				

TYPE K 090.09	Mould side		Item code
4 ⟷ 4		Plate for 8 lines	K 090.09-08

info@hidrafluid.es
976 24 32 10

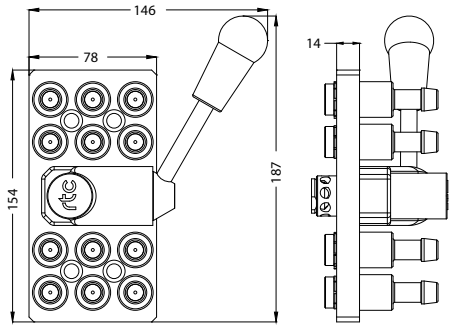
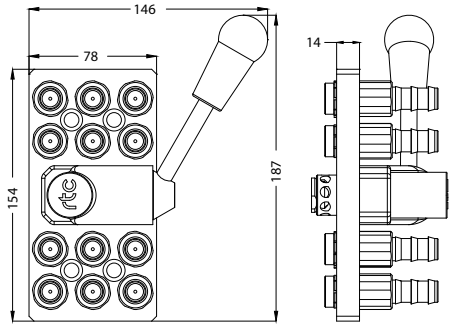
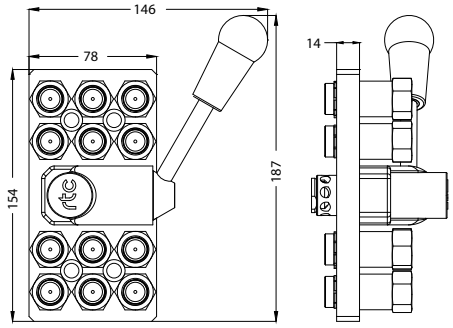
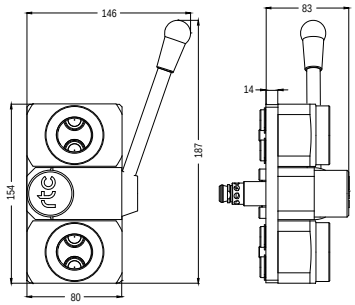
rtc TYPE M 090.09 — Flow diameter 9 mm / Nennweite 9 mm

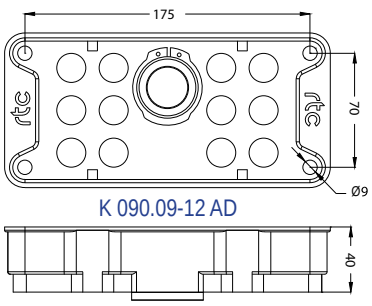
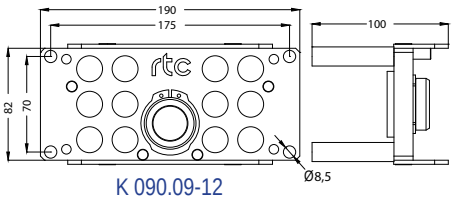
TYPE M 090.09	Mobile side			Item code
5 ⟷ 5		Standard hose	Ø10 Ø12	M 090.09-10 SHB 10 M 090.09-10 SHB 12
			(Full flow) Ø10 Ø12	M 090.09-10 SHF 10 M 090.09-10 SHF 12
		Push to connect	Ø10 Ø13	M 090.09-10 SPB 10 M 090.09-10 SPB 13
			(Full flow) Ø10 Ø13	M 090.09-10 SPF 10 M 090.09-10 SPF 13
		Female thread	BSP 3/8 NPT 3/8	M 090.09-10 SFB 17 M 090.09-10 SNB 17
			(Full flow) BSP 3/8 NPT 3/8	M 090.09-10 SFF 17 M 090.09-10 SNF 17
				

TYPE K 090.09	Mould side			Item code
5 ⟷ 5		Plate with 10 plugs	BSP 3/8	K 090.09-10 PMB 17
			(Full flow) BSP 3/8	K 090.09-10 PMF 17

info@hidrafluid.es
976 24 32 10

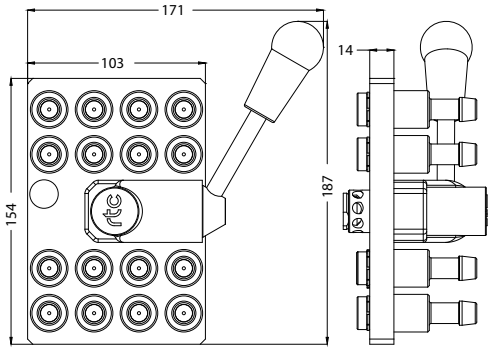
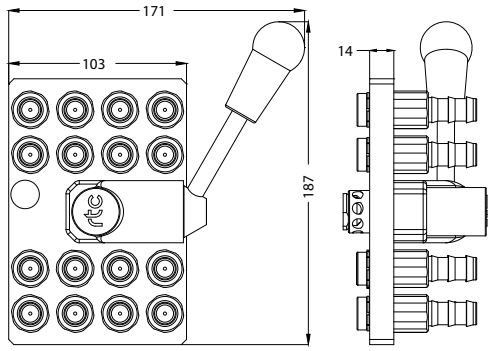
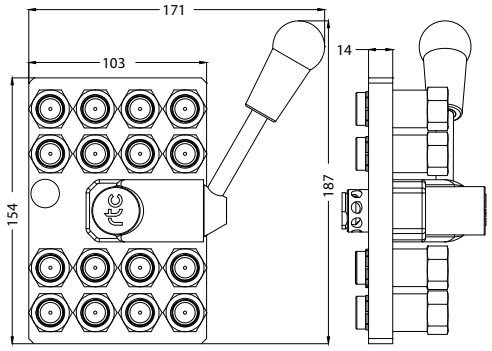
Flow diameter 9 mm / Nennweite 9 mm — TYPE M 090.09

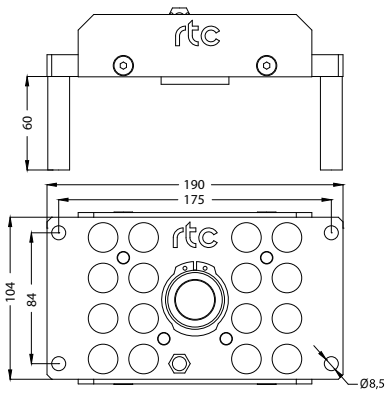
TYPE M 090.09	Mobile side			Item code
6 ⟷ 6		Standard hose	Ø10 Ø12 (Full flow) Ø10 Ø12	M 090.09-12 SHB 10 M 090.09-12 SHB 12 M 090.09-12 SHF 10 M 090.09-12 SHF 12
		Push to connect	Ø10 Ø13 (Full flow) Ø10 Ø13	M 090.09-12 SPB 10 M 090.09-12 SPB 13 M 090.09-12 SPF 10 M 090.09-12 SPF 13
		Female thread	BSP 3/8 NPT 3/8 (Full flow) BSP 3/8 NPT 3/8	M 090.09-12 SFB 17 M 090.09-12 SNB 17 M 090.09-12 SFF 17 M 090.09-12 SNF 17
		Female thread collector	BSP 1 BSP 1	M 090.09-12 C 33 M 090.09-12 CN 33

TYPE K 090.09	Mould side		Item code
6 ⟷ 6		Plate for 12 lines	K 090.09-12 K 090.09-12 AD
			

info@hidrafluid.es
976 24 32 10

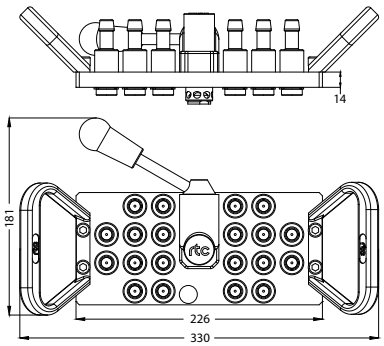
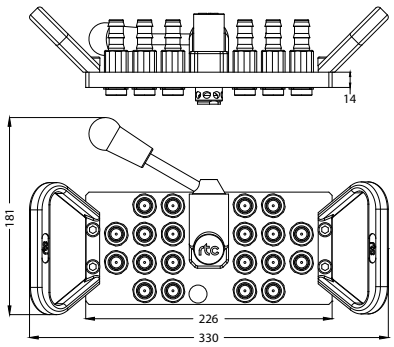
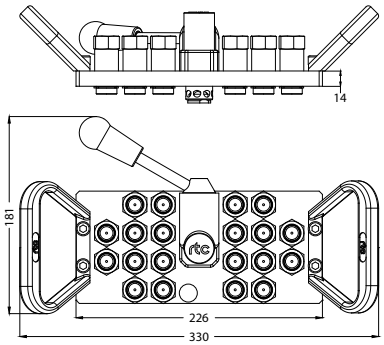
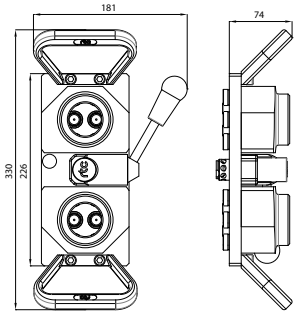
rtc TYPE M 090.09 Flow diameter 9 mm / Nennweite 9 mm

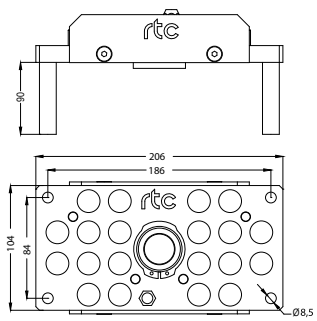
TYPE M 090.09	Mobile side			Item code
8 ⟷ 8		Standard hose	Ø10 Ø12	M 090.09-16 SHB 10 M 090.09-16 SHB 12
			(Full flow) Ø10 Ø12	M 090.09-16 SHF 10 M 090.09-16 SHF 12
		Push to connect	Ø10 Ø13	M 090.09-16 SPB 10 M 090.09-16 SPB 13
			(Full flow) Ø10 Ø13	M 090.09-16 SPF 10 M 090.09-16 SPF 13
		Female thread	BSP 3/8 NPT 3/8	M 090.09-16 SFB 17 M 090.09-16 SNB 17
			(Full flow) BSP 3/8 NPT 3/8	M 090.09-16 SFF 17 M 090.09-16 SNF 17

TYPE K 090.09	Mould side		Item code
8 ⟷ 8		Plate for 16	K 090.09-16

info@hidrafluid.es
976 24 32 10

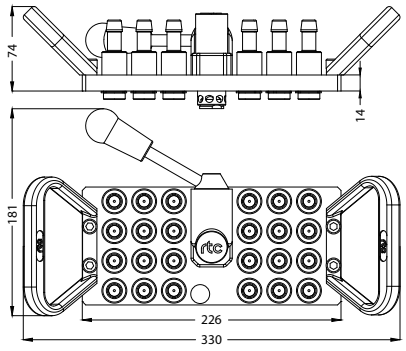
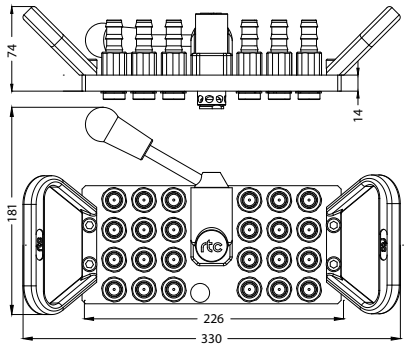
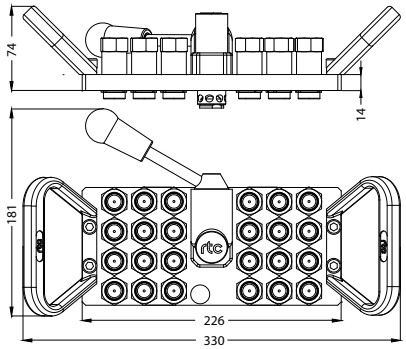
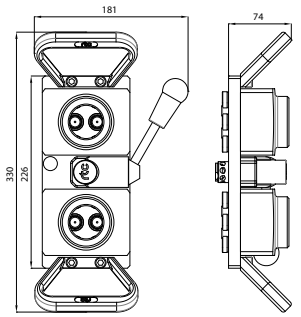
Flow diameter 9 mm / Nennweite 9 mm — TYPE M 090.09

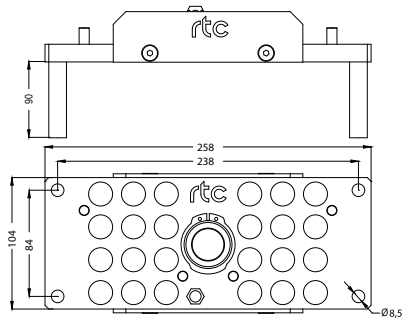
TYPE M 090.09	Mobile side			Item code
10 ⟷ 10		Standard hose	Ø10 Ø12	M 090.09-20 SHB 10 M 090.09-20 SHB 12
			(Full flow) Ø10 Ø12	M 090.09-20 SHF 10 M 090.09-20 SHF 12
		Push to connect	Ø10 Ø13	M 090.09-20 SPB 10 M 090.09-20 SPB 13
			(Full flow) Ø10 Ø13	M 090.09-20 SPF 10 M 090.09-20 SPF 13
		Female thread	BSP 3/8 NPT 3/8	M 090.09-20 SFB 17 M 090.09-20 SNB 17
			(Full flow) BSP 3/8 NPT 3/8	M 090.09-20 SFF 17 M 090.09-20 SNF 17
		Female thread collector	BSP 1.1/4 NPT 1.1/4	M 090.09-20 C 42 M 090.09-20 CN 42

TYPE K 090.09	Mould side		Item code
10 ⟷ 10		Plate for 20 lines	K 090.09-20

info@hidrafluid.es
976 24 32 10

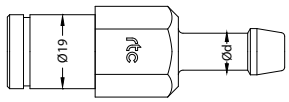
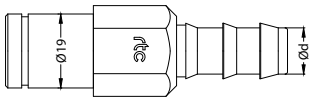
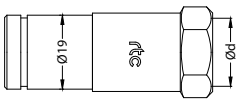
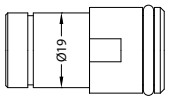
rtc TYPE M 090.09 — Flow diameter 9 mm / Nennweite 9 mm

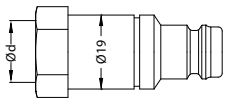
TYPE M 090.09	Mobile side			Item code
12 ⟷ 12		Standard hose	Ø10 Ø12	M 090.09-24 SHB 10 M 090.09-24 SHB 12
			(Full flow) Ø10 Ø12	M 090.09-24 SHF 10 M 090.09-24 SHF 12
		Push to connect	Ø10 Ø13	M 090.09-24 SPB 10 M 090.09-24 SPB 13
			(Full flow) Ø10 Ø13	M 090.09-24 SPF 10 M 090.09-24 SPF 13
		Female thread	BSP 3/8 NPT 3/8	M 090.09-24 SFB 17 M 090.09-24 SNB 17
			(Full flow) BSP 3/8 NPT 3/8	M 090.09-24 SFF 17 M 090.09-24 SNF 17
		Female thread collector	BSP 1-1/4 NPT 1-1/4	M 090.09-24 C 42 M 090.09-24 CN 42

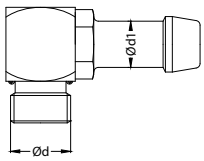
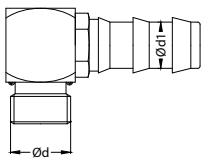
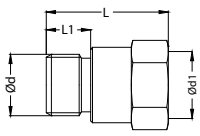
TYPE K 090.09	Mould side		Item code
12 ⟷ 12		Plate for 24 lines	K 090.09-24

info@hidrafluid.es
976 24 32 10

Flow diameter 9 mm / Nennweite 9 mm — TYPE M 090.09

TYPE M 090.09	Sockets		Connection	Item code
		Standard hose	Ø10 Ø12	M 090.09 SHB 10 M 090.09 SHB 12
			(Full flow) Ø10 Ø12	M 090.09 SHF 10 M 090.09 SHF 12
		Push to connect	Ø10 Ø13	M 090.09 SPB 10 M 090.09 SPB 13
			(Full flow) Ø10 Ø13	M 090.09 SPF 10 M 090.09 SPF 13
		Female thread	BSP 3/8 NPT 3/8	M 090.09 SFB 17 M 090.09 SNB 17
			(Full flow) BSP 3/8 NPT 3/8	M 090.09 SFF 17 M 090.09 SNF 17
		For collector		M 090.09 SAB 00
			(Full flow)	M 090.09 SAF 00

TYPE M 090.09	Plugs		Connection	Item code
		Female thread	BSP 3/8 NPT 3/8	M 090.09 PFB 17 M 090.09 PNB 17
			(Full flow) BSP 3/8 NPT 3/8	M 090.09 PFF 17 M 090.09 PNF 17

TYPE M 090.09	Adapters elbow			Item code
		Standard hose	BSP 3/8 → Ø10 Ø12	EBH 17/10-90 EBH 17/12-90
			NPT 3/8 → Ø10 Ø12	EBH 17T/10-90 EBH 17T/12-90
		Push to connect	BSP 3/8 → Ø10 Ø13	EBP 17/10-90 EBP 17/13-90
			NPT 3/8 → Ø10 Ø13	EBP 17T/10-90 EBP 17T/13-90
			TE 17-17-20 BSP 3/8" Female - BSP 3/8" Male Extention TE 17-N17-20 NPT 3/8" Female - BSP 3/8" Male Extention	

info@hidrafluid.es
976 24 32 10