

# rtc<sup>®</sup>

QUICK CONNECT TECHNOLOGY  
[www.rtc-tec.com](http://www.rtc-tec.com)



## 172

rtc TYPE





Temperature Range - Temperaturbereich

Nitrile (N) -20°C + 110°C (-4°F + 230°F)

Max. Working Pressure - Max. Betriebsdruck

rtc 172.06 12 bar (175 PSI)

rtc 172.08 16 bar (232 PSI)

Flow size - Nennweite

rtc type 172.06 5.5 mm

rtc type 172.08 8 mm

Material

Socket Body- Kupplungsgrundkörper	Brass with Plastic Cover - Messing mit Kunststoffabdeckung
Back part - Hinterteil	Zinc plated steel - Stahl verzinkt
Push Button - Knopf Drücken	AISI 420 hardened stainless steel - Gehärteter Edelstahl
Valve - Ventil	Brass - Messing
Springs - Federn	Stainless steel - Edelstahl
Seal - Dichtung	Nitrile (N)
Plug - Nippel	AISI 420 hardened stainless steel - Gehärteter Edelstahl

Technical Specifications

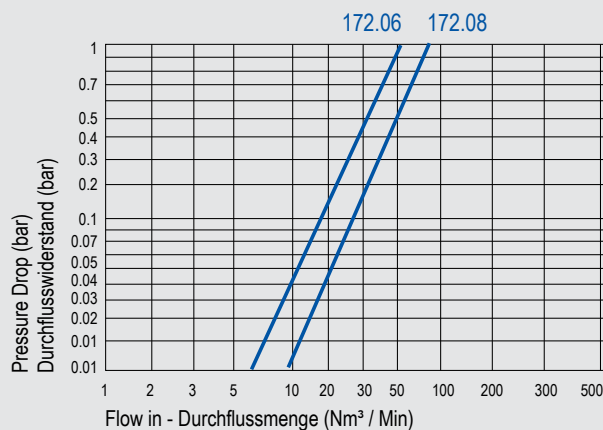
- The system perfectly fits to the **ISO 4414**, **EN 983** safety requirements
- Plug profile perfectly fits to the **ISO 6150-C-10**, **AFNOR C-10 NF E 49-053**
- 2 stage disconnection safety feature
- Optimised Size
- Coupling and plug, the system, is anti-corrosive

Technische Spezifikationen

- Sicherheit gemäß **ISO 4414**, **EN 983**
- Stecknippel gemäß **ISO 6150-C-10**, **AFNOR C-10 NF E 49-053**
- 2 stufen Sicherheitsentriegelung
- Kompakte Bauform
- Kupplung und Nippel, sind korrosionsbeständig.



Flow Rate vs Pressure Drop Graph / Durchflussrate vs Druckabfall

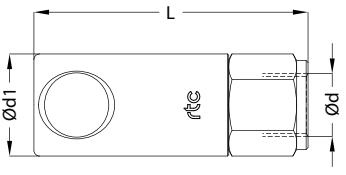


**172**  
rtc TYPE

rtc TYPE 172

Female thread socket / Kupplung mit Innengewinde

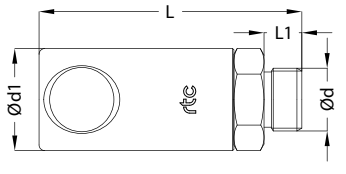


Sockets / Kupplungen	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	HEX.
	06	172.06 SFO 10	BSP 1/8	28	50.5	20
		172.06 SFO 13	BSP 1/4	28	53.5	20
		172.06 SFO 17	BSP 3/8	28	56.5	20
		172.06 SFO 21	BSP 1/2	28	60.5	24
		172.06 SNO 13	NPT 1/4	28	57.5	20
		172.06 SNO 17	NPT 3/8	28	58.5	20
	08	172.08 SFO 13	BSP 1/4	31	71.5	24
		172.08 SFO 17	BSP 3/8	31	71.5	24
		172.08 SFO 21	BSP 1/2	31	74.5	24
		172.08 SNO 17	NPT 3/8	31	72.5	24
		172.08 SNO 21	NPT 1/2	31	79.5	24

rtc TYPE 172

Male thread socket / Kupplung mit Aussengewinde

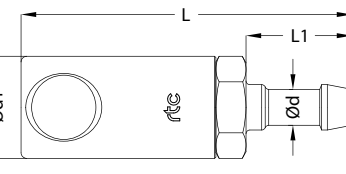


Sockets / Kupplungen	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	06	172.06 SMO 10	BSP 1/8	28	54.5	8	20
		172.06 SMO 13	BSP 1/4	28	56.5	10	20
		172.06 SMO 17	BSP 3/8	28	56.5	10	20
		172.06 SMO 21	BSP 1/2	28	58.5	12	22
		172.06 STO 13	NPT 1/4	28	58.5	12	20
		172.06 STO 17	NPT 3/8	28	59.5	13	20
	08	172.08 SMO 13	BSP 1/4	31	71.5	10	24
		172.08 SMO 17	BSP 3/8	31	71.5	10	24
		172.08 SMO 21	BSP 1/2	31	73.5	12	24
		172.08 STO 17	NPT 3/8	31	73.5	13	24
		172.08 STO 21	NPT 1/2	31	78.5	17	24

rtc TYPE 172

Standard hose tail socket / Kupplung mit gerader Standard - Schlauchtülle

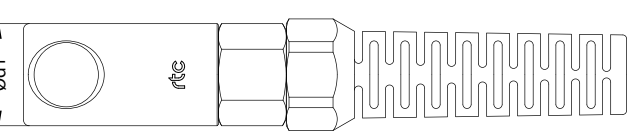


Sockets / Kupplungen	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1
	06	172.06 SHO 06	6 mm	28	69.5	23
		172.06 SHO 08	8 mm	28	69.5	23
		172.06 SHO 10	10 mm	28	72.5	26
		172.06 SHO 13	13 mm	28	72.5	26
	08	172.08 SHO 08	8 mm	31	84.5	23
		172.08 SHO 10	10 mm	31	87.5	26
		172.08 SHO 13	13 mm	31	87.5	26
		172.08 SHO 16	16 mm	31	87.5	26

rtc TYPE 172

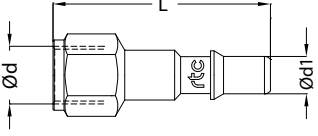
Socket with Plastic Hose Connection / Kupplung mit Kunststoffschlauchanschluss



Sockets / Kupplungen	Size Größe	Order No / Bestellnr.	Ød	Ød1
	06	172.06 SVOG 0610	6.5x10	28
		172.06 SVOG 0812	8x12	28
	08	172.08 SVOG 0812	8x12	31
		172.08 SVOG 1116	11x16	31

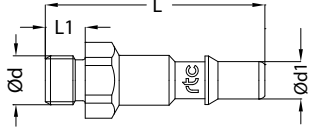
Female thread plug / Nippel mit Innengewinde

TYPE 172 **rtc**

Sockets / Kupplungen	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	HEX.
	06	170.06 PFF 10	BSP 1/8	7.5	42	14
		170.06 PFF 13	BSP 1/4	7.5	47	17
		170.06 PFF 17	BSP 3/8	7.5	50	22
		170.06 PNF 13	NPT 1/4	7.5	48	14
		170.06 PNF 17	NPT 3/8	7.5	49	17
	08	170.08 PFF 13	BSP 1/4	11	56	17
		170.08 PFF 17	BSP 3/8	11	58	22
		170.08 PFF 21	BSP 1/2	11	59	27
		170.08 PNF 17	NPT 3/8	11	58	22
		170.08 PNF 21	NPT 1/2	11	59	27

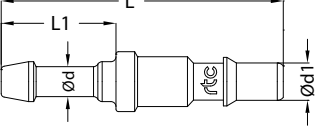
Male thread plug / Nippel mit Aussengewinde

TYPE 172 **rtc**

Sockets / Kupplungen	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	06	170.06 PMF 10	BSP 1/8	7.5	44	8	14
		170.06 PMF 13	BSP 1/4	7.5	47	11	14
		170.06 PMF 17	BSP 3/8	7.5	52	12	19
		170.06 PTF 13	NPT 1/4	7.5	47	12	14
	08	170.08 PMF 13	BSP 1/4	11	55	11	17
		170.08 PMF 17	BSP 3/8	11	57	12	19
		170.08 PMF 21	BSP 1/2	11	61	14	24
		170.08 PTF 17	NPT 3/8	11	57	12	19
		170.08 PTF 21	NPT 1/2	11	64	17	24

Standard hose tail plug / Nippel mit gerader Standard - Schlauchtüle

TYPE 172 **rtc**

Sockets / Kupplungen	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1
	06	170.06 PHF 06	6 mm	7.5	56	23
		170.06 PHF 08	8 mm	7.5	56	23
		170.06 PHF 10	10 mm	7.5	56	23
		170.06 PHF 13	13 mm	7.5	60	26
	08	170.08 PHF 08	8 mm	11	62	23
		170.08 PHF 10	10 mm	11	62	23
		170.08 PHF 13	13 mm	11	66	26
		170.08 PHF 16	16 mm	11	66	26