

rtc[®]

QUICK CONNECT TECHNOLOGY



171

rtc TYPE





Temperature Range

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

Max. Working Pressure

rtc 171.06 12 bar (175 PSI)
 rtc 171.08 16 bar (232 PSI)
 rtc 171.11 16 bar (232 PSI)

Flow size

rtc type 171.06 5.5 mm
 rtc type 171.08 8 mm
 rtc type 171.11 11 mm

Material

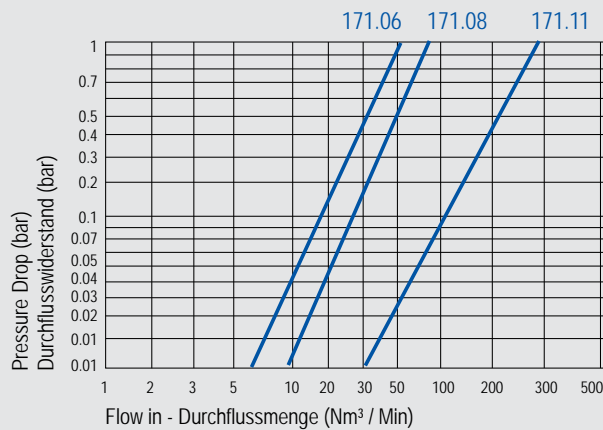
Socket Body Stainless steel
 Back part Zinc plated steel
 Push Button AISI 420 hardened stainless steel
 Valve Brass
 Springs Stainless steel
 Seal Nitrile (N)
 Plug AISI 420 hardened stainless steel

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



Flow Rate vs Pressure Drop Graph

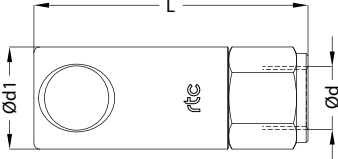


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Female thread socket / Kupplung mit Innengewinde

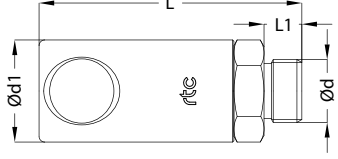


Sockets	Size	Order No	Ød	Ød1	L	HEX.
	06	171.06 SFO 10	BSP 1/8	22	48.5	20
		171.06 SFO 13	BSP 1/4	22	51.5	20
		171.06 SFO 17	BSP 3/8	22	54.5	20
		171.06 SFO 21	BSP 1/2	22	58.5	24
		171.06 SNO 13	NPT 1/4	22	55.5	20
		171.06 SNO 17	NPT 3/8	22	56.5	20
	08	171.08 SFO 13	BSP 1/4	27	69.5	24
		171.08 SFO 17	BSP 3/8	27	69.5	24
		171.08 SFO 21	BSP 1/2	27	72.5	24
		171.08 SNO 17	NPT 3/8	27	70.5	24
		171.08 SNO 21	NPT 1/2	27	77.5	24
	11	171.11 SFO 17	BSP 3/8	33	77.5	14
		171.11 SFO 21	BSP 1/2	33	78	14
		171.11 SFO 26	BSP 3/4	33	82.5	14
		171.11 SNO 21	NPT 1/2	33	83.5	14

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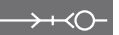
Male thread socket / Kupplung mit Aussengewinde

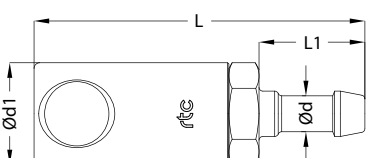


Sockets	Size	Order No	Ød	Ød1	L	L1	HEX.
	06	171.06 SMO 10	BSP 1/8	22	52.5	8	20
		171.06 SMO 13	BSP 1/4	22	54.5	10	20
		171.06 SMO 17	BSP 3/8	22	54.5	10	20
		171.06 SMO 21	BSP 1/2	22	56.5	12	22
		171.06 STO 13	NPT 1/4	22	56.5	12	20
		171.06 STO 17	NPT 3/8	22	57.5	13	20
	08	171.08 SMO 13	BSP 1/4	27	69.5	10	24
		171.08 SMO 17	BSP 3/8	27	69.5	10	24
		171.08 SMO 21	BSP 1/2	27	71.5	12	24
		171.08 STO 17	NPT 3/8	27	71.5	13	24
		171.08 STO 21	NPT 1/2	27	76.5	17	24
	11	171.11 SMO 17	BSP 3/8	33	82.5	10	30
		171.11 SMO 21	BSP 1/2	33	86.5	12	30
		171.11 SMO 26	BSP 3/4	33	88.5	16	30
		171.11 STO 21	NPT 1/2	33	89.5	17	30

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Standard hose tail socket / Kupplung mit gerader Standard - Schlauchtülle



Sockets	Size	Order No	Ød	Ød1	L	L1
	06	171.06 SHO 06	6 mm	22	67.5	23
		171.06 SHO 08	8 mm	22	67.5	23
		171.06 SHO 10	10 mm	22	70.5	26
		171.06 SHO 13	13 mm	22	70.5	26
	08	171.08 SHO 08	8 mm	27	82.5	23
		171.08 SHO 10	10 mm	27	85.5	26
		171.08 SHO 13	13 mm	27	85.5	26
		171.08 SHO 16	16 mm	27	85.5	26
	11	171.11 SHO 13	13 mm	33	93.5	26
		171.11 SHO 16	16 mm	33	93.5	26
		171.11 SHO 19	19 mm	33	97.5	30



Socket with Plastic Hose Connection / Kupplung mit Kunststoffschlauchanschluss

TYPE 171



Sockets	Size	Order No	Ød	Ød1
	06	171.06 SVOG 0610	6.5x10	22
		171.06 SVOG 0812	8x12	22
	08	171.08 SVOG 0812	8x12	27
		171.08 SVOG 1116	11x16	27
	11	171.11 SVOG 1116	11x16	33



Female thread panel mounted socket / Kupplung mit Innengewinde Schottanschluss

TYPE 171

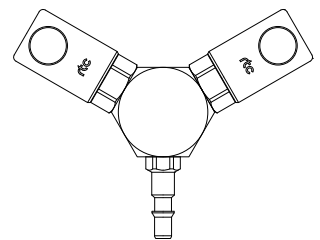
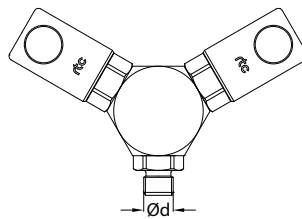
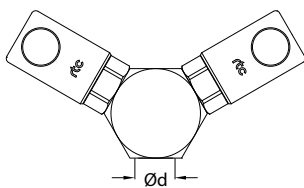


Sockets	Size	Order No	Ød	Ød1	Ød2	L	L1	HEX.
	06	171.06 SFOP 10	BSP 1/8	22	27	22.5	4	32
		171.06 SFOP 13	BSP 1/4	22	27	22.5	4	32
		171.06 SFOP 17	BSP 3/8	22	27	22.5	4	32
	08	171.08 SFOP 13	BSP 1/4	27	33	31	11.5	36
		171.08 SFOP 17	BSP 3/8	27	33	31	11.5	36
		171.08 SFOP 21	BSP 1/2	27	33	31	11.5	36
	11	171.11 SFOP 17	BSP 3/8	33	39	50	12.5	41
		171.11 SFOP 21	BSP 1/2	33	39	50	12.5	41
		171.11 SFOP 26	BSP 3/4	33	39	50	12.5	41



Y Distributor / Y Verteiler

TYPE 171



Body Size	Order No	Ød
06	171.06 SFOY 13	BSP 1/4
	171.06 SFOY 17	BSP 3/8
	171.06 SFOY 21	BSP 1/2
08	171.08 SFOY 17	BSP 3/8
	171.08 SFOY 21	BSP 1/2
11	171.11 SFOY 17	BSP 3/8
	171.11 SFOY 21	BSP 1/2

Body Size	Order No	Ød
06	171.06 SMOY 13	BSP 1/4
	171.06 SMOY 17	BSP 3/8
	171.06 SMOY 21	BSP 1/2
08	171.08 SMOY 17	BSP 3/8
	171.08 SMOY 21	BSP 1/2
11	171.11 SMOY 17	BSP 3/8
	171.11 SMOY 21	BSP 1/2

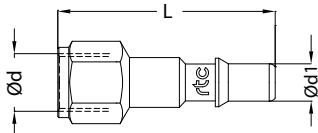
Body Size	Order No
06	171.06 SPOY
08	171.08 SPOY
11	171.11 SPOY

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Female thread plug / Nippel mit Innengewinde



Plugs



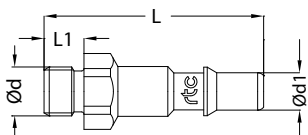
Size	Order No	Ød	Ød1	L	HEX.
06	170.06 PFF 10	BSP 1/8	7.5	42	14
	170.06 PFF 13	BSP 1/4	7.5	47	17
	170.06 PFF 17	BSP 3/8	7.5	50	22
	170.06 PNF 13	NPT 1/4	7.5	48	14
	170.06 PNF 17	NPT 3/8	7.5	49	17
08	170.08 PFF 13	BSP 1/4	11	56	17
	170.08 PFF 17	BSP 3/8	11	58	22
	170.08 PFF 21	BSP 1/2	11	59	27
	170.08 PNF 17	NPT 3/8	11	58	22
	170.08 PNF 21	NPT 1/2	11	59	27
11	170.11 PFF 17	BSP 3/8	14	62	22
	170.11 PFF 21	BSP 1/2	14	66	27
	170.11 PFF 26	BSP 3/4	14	69	32
	170.11 PNF 21	NPT 1/2	14	67	27

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Male thread plug / Nippel mit Aussengewinde



Plugs



Size	Order No	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
11	170.11 PMF 17	BSP 3/8	14	63	12	19
	170.11 PMF 21	BSP 1/2	14	68	15	24
	170.11 PMF 26	BSP 3/4	14	70	17	30
	170.11 PTF 21	NPT 1/2	14	67	17	24



Plugs	Size	Order No	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
	11	170.11 PHF 10	10 mm	14	71	26
		170.11 PHF 13	13 mm	14	71	26
		170.11 PHF 16	16 mm	14	72	26
		170.11 PHF 19	19 mm	14	85	37