



# rtc<sup>®</sup>

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



# 205

rtc TYPE



Temperature Range - Temperaturbereich

Nitrile (N)	-20°C + 100°C (-4°F + 212°F)
FPM (V)	-20°C + 180°C (-4°F + 356°F)
EPDM (Ethylene Propylene)	-40°C + 150°C (-40°F + 302°F)

Max. Working Pressure - Max. Betriebsdruck

rtc 205.03	3 mm
rtc 205.05	5 mm
rtc 205.07	7 mm
rtc 205.09	9 mm
rtc 205.12	12 mm
rtc 205.19	19 mm

Flow size - Nennweite

rtc 205.03	64 bar (930 PSI)
rtc 205.05	64 bar (930 PSI)
rtc 205.07	64 bar (930 PSI)
rtc 205.09	64 bar (930 PSI)
rtc 205.12	64 bar (930 PSI)
rtc 205.19	40 bar (600 PSI)

Material of Standard Coupler

Material für die Standardversion

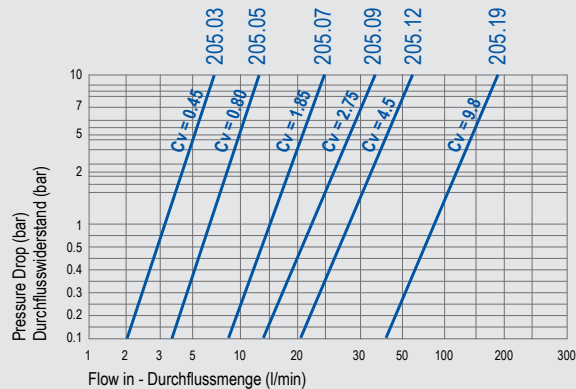
Socket body - Kupplungsgrundkörper	Steel tenifer threaded - Stahl teneferiert
Valve - Ventil	Stainless Steel - Edelstahl
Springs - Federn	Stainless Steel - Edelstahl
Balls - Kugeln	Stainless Steel - Edelstahl
Locking Ring - Sprengring	Stainless Steel - Edelstahl
Plug - Nippel	Stainless Steel - Edelstahl

Compatible - Kompatibilität

rtc 205.03	CT-003
rtc 205.05	CT-005
rtc 205.07	CT-007
rtc 205.09	CT-009
rtc 205.12	CT-012
rtc 205.19	CT-019



Flow Rate vs Pressure Drop Graph / Durchflussrate vs Druckabfall

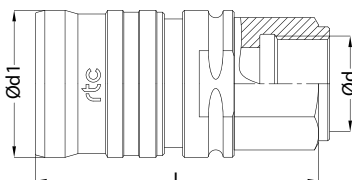


**205**  
rtc TYPE

rtc TYPE 205

Female thread socket / Kupplung mit Innengewinde

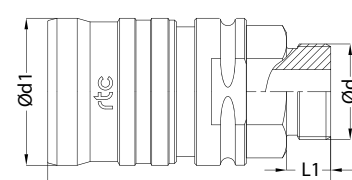


Sockets / Kupplungen	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	HEX.
	03	205.03 SFB 10	BSP 1/8	21.5	64	14
		205.05 SFB 13	BSP 1/4	26	68	19
	05	205.05 SFB 17	BSP 3/8	26	69	22
		205.05 SNB 13	NPT 1/4	26	73	19
		205.05 SNB 17	NPT 3/8	26	73	19
	07	205.07 SFB 17	BSP 3/8	33	78	24
		205.07 SFB 21	BSP 1/2	33	81	27
		205.07 SNB 17	NPT 3/8	33	82	24
	09	205.09 SFB 21	BSP 1/2	35.5	86	27
	12	205.12 SFB 21	BSP 1/2	40	79	32
		205.12 SFB 26	BSP 3/4	40	81	32
		205.12 SNB 21	NPT 1/2	40	84	32
	19	205.19 SFB 26	BSP 3/4	58	122	46
		205.19 SFB 33	BSP 1	58	126	46
		205.19 SNB 26	NPT 3/4	58	127	46

rtc TYPE 205

Male thread socket / Kupplung mit Aussengewinde

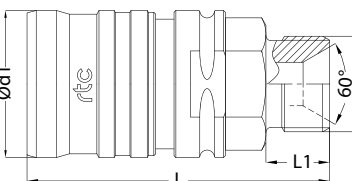


Sockets / Kupplungen	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	03	205.03 SMB 10-00	BSP 1/8	21.5	62	8	14
		205.03 SMB 13-00	BSP 1/4	21.5	65	11	14
	05	205.05 SMB 13-00	BSP 1/4	26	69	11	19
		205.05 SMB 17-00	BSP 3/8	26	70	12	19
		205.05 SMB 21-00	BSP 1/2	26	73	15	22
	07	205.07 SMB 17-00	BSP 3/8	33	78	12	24
		205.07 SMB 21-00	BSP 1/2	33	81	15	24
	09	205.09 SMB 17-00	BSP 3/8	35.5	83	12	25
		205.09 SMB 21-00	BSP 1/2	35.5	86	15	25
	12	205.12 SMB 21-00	BSP 1/2	40	80	15	32
		205.12 SMB 26-00	BSP 3/4	40	82	17	32
		205.12 SMB 33-00	BSP 1	40	86	20	32
	19	205.19 SMB 26-00	BSP 3/4	58	128	17	46
		205.19 SMB 33-00	BSP 1	58	131	20	46

rtc TYPE 205

Male thread socket with 60° sealing cone / Kupplung mit Aussengewinde 60° Dichtkonus

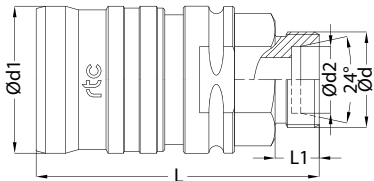


Sockets / Kupplungen	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	05	205.05 SMB 13	BSP 1/4	26	69	11	19
		205.05 SMB 17	BSP 3/8	26	70	12	19
		205.05 SMB 1415	M14x1.5	26	68	10	19
		205.05 SMB 1415x32	M14x1.5	26	90	32	19
	07	205.07 SMB 17	BSP 3/8	33	78	12	24
		205.07 SMB 1615	M16x1.5	33	77	11	24
		205.07 SMB 1615x34	M16x1.5	33	100	34	24
	12	205.12 SMB 21	BSP 1/2	40	80	15	32
		205.12 SMB 26	BSP 3/4	40	82	17	32
		205.12 SMB 2215	M22x1.5	40	77	17	32
		205.12 SMB 2215x39	M22x1.5	40	104	39	32
	19	205.19 SMB 26	BSP 3/4	58	128	17	46
		205.19 SMB 33	BSP 1	58	131	20	46
		205.19 SMB 3020x45	M30x2.0	58	156	45	46



Male thread socket with 24° sealing cone / Kupplung mit Aussengewinde 24° Dichtkonus

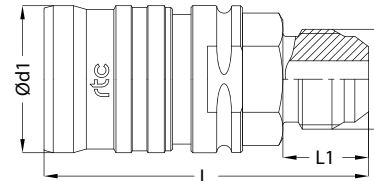
TYPE 205 **rtc**

Sockets / Kupplungen	Size Größe	Order No / Bestellnr.	Ød	Ød1	Ød2	L	L1	HEX.
	05	205.05 SMB 1215-06	M12x1.5	26	6	68	10	19
		205.05 SMB 1415-08	M14x1.5	26	8	68	10	19
		205.05 SMB 1415-08x32	M14x1.5	26	8	90	32	19
		205.05 SMB 1615-10	M16x1.5	26	10	69	11	19
		205.05 SMB 1615-10x32	M16x1.5	26	10	90	32	19
		205.05 SMB 1815-10	M18x1.5	26	10	69	11	19
		205.05 SMB 1815-12	M18x1.5	26	12	69	12	19
		205.05 SMB 2015-12	M20x1.5	26	12	70	12	22
	07	205.07 SMB 1615-10	M16x1.5	33	10	77	11	24
		205.07 SMB 1815-12	M18x1.5	33	12	77	11	24
		205.07 SMB 2015-12	M20x1.5	33	12	78	12	24
	12	205.12 SMB 1815-12	M18x1.5	40	12	76	11	32
		205.12 SMB 2215-15	M22x1.5	40	15	77	12	32
		205.12 SMB 2415-16	M24x1.5	40	16	79	14	32
	19	205.19 SMB 3020-22	M30x2.0	58	22	125	14	46
205.19 SMB 3620-25		M36x2.0	58	25	129	18	46	



UNF Male thread socket with 37° sealing cone / Kupplung mit UNF Aussengewinde 37° Dichtkonus

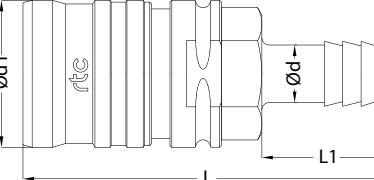
TYPE 205 **rtc**

Sockets / Kupplungen	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	05	205.05 SJB 1418	UNF 9/16-18	26	72	14	19
	07	205.07 SJB 1418	UNF 9/16-18	33	80	14	24
	12	205.12 SJB 2214	UNF 7/8-14	40	84	19	32
	19	205.19 SJB 2712	UNF 1-1/16-12	58	133	22	46



Standard hose tail socket / Kupplung mit gerader Standard - Schlauchtülle

TYPE 205 **rtc**

Sockets / Kupplungen	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1
	03	205.03 SHB 04	4 mm	21.5	73	18
		205.03 SHB 06	6 mm	21.5	79	25
	05	205.05 SHB 06	6 mm	26	83	25
		205.05 SHB 09	9 mm	26	88	30
		205.05 SHB 11	11 mm	26	88	30
		205.05 SHB 13	13 mm	26	88	30
	07	205.07 SHB 09	9 mm	33	96	30
		205.07 SHB 11	11 mm	33	96	30
		205.07 SHB 13	13 mm	33	96	30
	09	205.09 SHB 13	13 mm	35.5	101	30
	12	205.12 SHB 16	16 mm	40	100	35
		205.12 SHB 19	19 mm	40	100	35
	19	205.19 SHB 19	19 mm	58	146	35
		205.19 SHB 25	25 mm	58	151	40
		205.19 SHB 28	28 mm	58	156	45

**rtc** TYPE 205

Female thread plug / Nippel mit Innengewinde



Plugs / Nippel	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	HEX.
	03	205.03 PFB 10	BSP 1/8	21.5	50	14
		205.05 PFB 13	BSP 1/4	26	53	19
	05	205.05 PFB 17	BSP 3/8	26	54	22
		205.05 PNB 13	NPT 1/4	26	58	19
		205.05 PNB 17	NPT 3/8	26	58	19
	07	205.07 PFB 17	BSP 3/8	26	52	19
		205.07 PFB 21	BSP 1/2	26	53	19
		205.07 PNB 17	NPT 3/8	26	57	23
	09	205.09 PFB 21	BSP 1/2	28	71	27
	12	205.12 PFB 21	BSP 1/2	40	78	32
		205.12 PFB 26	BSP 3/4	40	80	32
		205.12 PNB 21	NPT 1/2	40	83	32
	19	205.19 PFB 26	BSP 3/4	52	93	44
		205.19 PFB 33	BSP 1	52	97	44
		205.19 PNB 26	NPT 3/4	52	98	44

**rtc** TYPE 205

Male thread plug / Nippel mit Aussengewinde



Plugs / Nippel	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.	
	03	205.03 PMB 10-00	BSP 1/8	21.5	48	8	14	
		205.03 PMB 13-00	BSP 1/4	21.5	51	11	14	
	05	205.05 PMB 13-00	BSP 1/4	26	54	54	11	19
		205.05 PMB 17-00	BSP 3/8	26	55	55	12	19
		205.05 PMB 21-00	BSP 1/2	26	58	58	15	22
	07	205.07 PMB 13-00	BSP 1/4	26	53	53	11	19
		205.07 PMB 17-00	BSP 3/8	26	54	54	12	19
		205.07 PMB 21-00	BSP 1/2	26	57	57	15	22
	09	205.09 PMB 17-00	BSP 3/8	28	68	68	12	25
		205.09 PMB 21-00	BSP 1/2	28	71	71	15	25
	12	205.12 PMB 21-00	BSP 1/2	40	76	76	15	32
		205.12 PMB 26-00	BSP 3/4	40	78	78	17	32
		205.12 PMB 33-00	BSP 1	40	82	82	20	32
	19	205.19 PMB 26-00	BSP 3/4	52	99	99	17	46
		205.19 PMB 33-00	BSP 1	52	102	102	20	46

**rtc** TYPE 205

Male thread socket with 60° sealing cone / Kupplung mit Aussengewinde 60° Dichtkonus



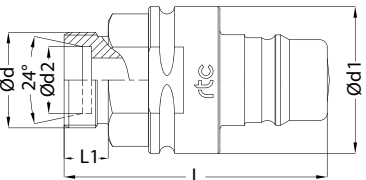
Plugs / Nippel	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.	
	05	205.05 PMB 13	BSP 1/4	26	69	11	19	
		205.05 PMB 17	BSP 3/8	26	70	12	19	
		205.05 PMB 1415	M14x1.5	26	68	10	19	
		205.05 PMB 1415x32	M14x1.5	26	75	32	19	
	07	205.07 PMB 13	BSP 1/4	26	53	53	11	19
		205.07 PMB 17	BSP 3/8	26	54	54	12	19
		205.07 PMB 1415	M14x1.5	26	52	52	10	19
		205.07 PMB 1415x32	M14x1.5	26	74	74	32	19
	12	205.12 PMB 21	BSP 1/2	40	76	76	15	32
		205.12 PMB 26	BSP 3/4	40	87	87	17	32
		205.12 PMB 2215	M22x1.5	40	73	73	17	32
		205.12 PMB 2215x39	M22x1.5	40	100	100	39	32
	19	205.19 PMB 17	BSP 3/4	52	99	99	17	46
		205.19 PMB 33	BSP 1	52	102	102	20	46
		205.19 PMB 3020x45	M30x2.0	52	127	127	45	46



Male thread plug with 24° sealing cone / Nippel mit Aussengewinde 24° Dichtkonus

TYPE 205



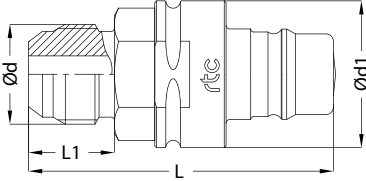
Plugs / Nippel	Size Größe	Order No / Bestellnr.	Ød	Ød1	Ød2	L	L1	HEX.
	05	205.05 PMB 1215-06	M12x1.5	26	6	53	10	19
		205.05 PMB 1415-08	M14x1.5	26	8	53	10	19
		205.05 PMB 1415-08x32	M14x1.5	26	8	75	32	19
		205.05 PMB 1615-10	M16x1.5	26	10	54	11	19
		205.05 PMB 1615-10x32	M16x1.5	26	10	75	32	19
		205.05 PMB 1815-10	M18x1.5	26	10	54	11	19
		205.05 PMB 1815-12	M18x1.5	26	12	55	12	19
		205.05 PMB 2015-12	M20x1.5	26	12	55	12	22
	07	205.07 PMB 1215-06	M12x1.5	26	6	52	10	19
		205.07 PMB 1415-08	M14x1.5	26	8	52	10	19
		205.07 PMB 1415-08x32	M14x1.5	26	8	74	32	19
		205.07 PMB 1615-10	M16x1.5	26	10	53	11	19
		205.07 PMB 1615-10x32	M16x1.5	26	10	74	32	19
		205.07 PMB 1815-10	M18x1.5	26	10	53	11	19
205.07 PMB 1815-12		M18x1.5	26	12	54	12	19	
205.07 PMB 2015-12		M20x1.5	26	12	54	12	22	
12	205.12 SMB 1815-12	M18x1.5	40	12	72	11	32	
	205.12 SMB 2215-15	M22x1.5	40	15	73	12	32	
	205.12 SMB 2415-16	M24x1.5	40	16	75	14	32	
19	205.19 SMB 3020-22	M30x2.0	52	22	96	14	46	
	205.19 SMB 3620-25	M36x2.0	52	25	100	18	46	



UNF Male thread plug with 37° sealing cone / Nippel mit UNF Aussengewinde 37° Dichtkonus

TYPE 205



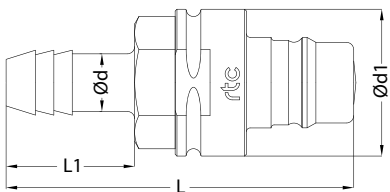
Plugs / Nippel	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	05	205.05 PJB 1418	UNF 9/16-18	26	57	14	19
	07	205.07 PJB 1418	UNF 9/16-18	26	56	14	19
	09	205.09 PJB 1418	UNF 9/16-18	28	70	14	25
	12	205.12 PJB 2214	UNF 7/8-14	40	83	19	32
	19	205.19 PJB 2712	UNF 1-1/16-12	52	104	22	46



Standard hose tail plug / Nippel mit gerader Standard - Schlauchtülle

TYPE 205



Plugs / Nippel	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1
	03	205.03 PHB 04	4 mm	21.5	59	18
		205.03 PHB 06	6 mm	21.5	65	25
	05	205.05 PHB 06	6 mm	26	68	25
		205.05 PHB 09	9 mm	26	73	30
		205.05 PHB 11	11 mm	26	73	30
		205.05 PHB 13	13 mm	26	73	30
	07	205.07 PHB 09	9 mm	26	72	30
		205.07 PHB 11	11 mm	26	72	30
		205.07 PHB 13	13 mm	26	72	30
	09	205.09 PHB 13	13 mm	28	86	30
	12	205.12 PHB 16	16 mm	40	96	35
		205.12 PHB 19	19 mm	40	96	35
	19	205.19 PHB 19	19 mm	52	117	35
		205.19 PHB 25	25 mm	52	122	40
		205.19 PHB 28	28 mm	52	127	45