



rtc[®]

COUPLING TECHNOLOGY
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027

rtc TYPE



DN 10.5 mm Pneumatic Coupling

TYPE 027



Compatible

Rectus 27KA, 41KA, 1700
Cejn 410
Tema 1700

Temperature Range

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)

Working Pressure

35 Bar (510 PSI)

Flow size

rtc type 027 10.5 mm

Standard version

Seals - Dichtung : Nitrile (N)

Material of Standard Coupler

Socket body - Kupplungsgrundkörper	Brass Nickel Plated - Messing vernickelt
Sleeve - Hülse	Steel Nickel Plated - Stahl vernickelt
Springs - Federn	Stainless Steel - Edelstahl
Balls - Kugeln	Stainless Steel - Edelstahl
Plug - Nippel	Steel zinc-nickel plated - Stahl Zink-Nickel beschichtet

Technical Specifications & Advantages

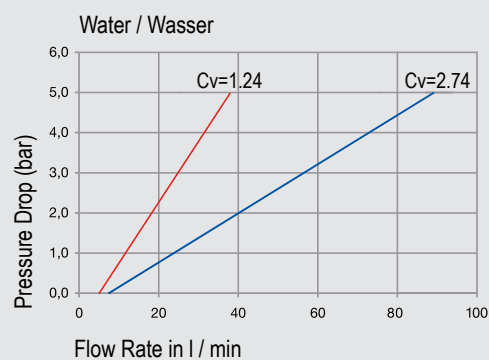
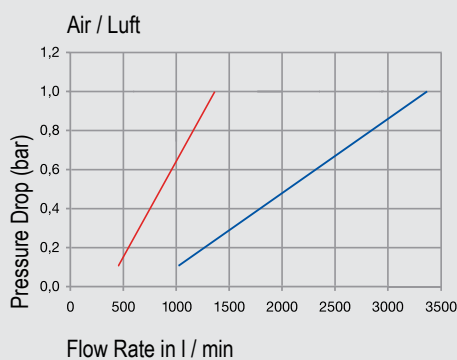
- Advantage of one hand useage.
- High performance valve with increased flow rate and minimised pressure loss.
- Anti-corrosive

Material of Brass Coupler

Socket body	Brass - Messing
Kupplungsgrundkörper	Brass - Messing
Sleeve - Hülse	Stainless Steel - Edelstahl
Springs - Federn	Stainless Steel - Edelstahl
Balls - Kugeln	Stainless Steel - Edelstahl
Plug - Nippel	Brass - Messing



Flow Rate vs Pressure Drop Graph



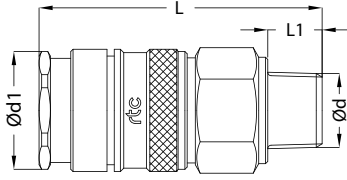
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

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Male thread socket / Kupplung mit Aussengewinde



Sockets / Kupplungen



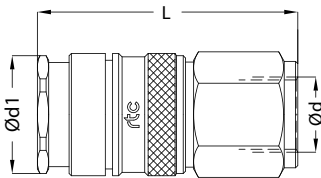
Size / Größe	Order No / Bestellnr. 	Order No / Bestellnr. 	Order No / Bestellnr. 	Ød	Ød1	L	L1	HEX.
10.5	027 SRB 13	027 SRO 13	027 SRF 13	BSPT 1/4	27	63	12	24
10.5	027 SRB 17	027 SRO 17	027 SRF 17	BSPT 3/8	27	63	12	24
10.5	027 SRB 21	027 SRO 21	027 SRF 21	BSPT 1/2	27	66	17	24
10.5	027 SRB 26	027 SRO 26	027 SRF 26	BSPT 3/4	27	63	19	27
10.5	027 SMB 13	027 SMO 13	027 SMF 13	BSP 1/4	27	60	9	24
10.5	027 SMB 17	027 SMO 17	027 SMF 17	BSP 3/8	27	61	10	24
10.5	027 SMB 21	027 SMO 21	027 SMF 21	BSP 1/2	27	63	13	24
10.5	027 SMB 26	027 SMO 26	027 SMF 26	BSP 3/4	27	66	16	30




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Female thread socket / Kupplung mit Innengewinde



Sockets / Kupplungen



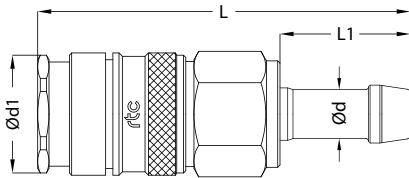
Size / Größe	Order No / Bestellnr. 	Order No / Bestellnr. 	Order No / Bestellnr. 	Ød	Ød1	L	HEX.
10.5	027 SFB 13	027 SFO 13	027 SFF 13	BSP 1/4	27	57	24
10.5	027 SFB 17	027 SFO 17	027 SFF 17	BSP 3/8	27	58	24
10.5	027 SFB 21	027 SFO 21	027 SFF 21	BSP 1/2	27	58	24
10.5	027 SFB 26	027 SFO 26	027 SFF 26	BSP 3/4	27	62	32
10.5	027 SNB 13	027 SNO 13	027 SNF 13	NPT 1/4	27	61	24
10.5	027 SNB 17	027 SNO 17	027 SNF 17	NPT 3/8	27	62	24
10.5	027 SNB 21	027 SNO 21	027 SNF 21	NPT 1/2	27	64	24
10.5	027 SNB 26	027 SNO 26	027 SNF 26	NPT 3/4	27	68	32




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Standard hose tail socket / Kupplung mit gerader Standard - Schlauchtülle



Sockets / Kupplungen



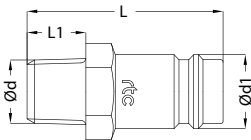
Size / Größe	Order No / Bestellnr. 	Order No / Bestellnr. 	Order No / Bestellnr. 	Ød	Ød1	L	L1
10.5	027 SHB 06	027 SHO 06	027 SHF 06	6 mm	27	74	23
10.5	027 SHB 08	027 SHO 08	027 SHF 08	8 mm	27	74	23
10.5	027 SHB 09	027 SHO 09	027 SHF 09	9 mm	27	74	23
10.5	027 SHB 10	027 SHO 10	027 SHF 10	10 mm	27	74	23
10.5	027 SHB 13	027 SHO 13	027 SHF 13	13 mm	27	74	23
10.5	027 SHB 16	027 SHO 16	027 SHF 16	16 mm	27	74	23
10.5	027 SHB 19	027 SHO 19	027 SHF 19	19 mm	27	78	28

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Male thread plug / Nippel mit Aussengewinde



Plugs / Nippel



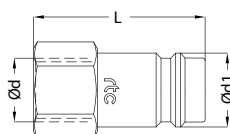
Size / Größe	Order No / Bestellnr. Without valve / ohne Ventil	Ød	Ød1	L	L1	HEX.
10.5	027 PRF 13	BSPT 1/4	15	40	12	17
10.5	027 PRF 17	BSPT 3/8	15	40	12	17
10.5	027 PRF 21	BSPT 1/2	15	46	17	22
10.5	027 PRF 26	BSPT 3/4	15	48	17	27
10.5	027 PMF 13	BSP 1/4	15	38	9	17
10.5	027 PMF 17	BSP 3/8	15	38	9	19
10.5	027 PMF 21	BSP 1/2	15	41	12	22
10.5	027 PMF 26	BSP 3/4	15	46	15	27

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Female thread plug / Nippel mit Innengewinde



Plugs / Nippel



Size / Größe	Order No / Bestellnr. Without valve / ohne Ventil	Ød	Ød1	L	HEX.
10.5	027 PFF 13	BSP 1/4	15	33	17
10.5	027 PFF 17	BSP 3/8	15	35	19
10.5	027 PFF 21	BSP 1/2	15	39	25
10.5	027 PFF 26	BSP 3/4	15	45	32

Standard hose tail plug / Nippel mit gerader Standard - Schlauchtülle TYPE 027 **rtc**

Plugs / Nippel	Size / Größe	Order No / Bestellnr. Without valve / ohne Ventil	Ød	Ød1	L	L1
	10.5	027 PHF 06	6 mm	15	49	23
	10.5	027 PHF 08	8 mm	15	49	23
	10.5	027 PHF 09	9 mm	15	49	23
	10.5	027 PHF 10	10 mm	15	49	23
	10.5	027 PHF 13	13 mm	15	49	23
	10.5	027 PHF 16	16 mm	15	49	23
	10.5	027 PHF 19	19 mm	15	53	28

Male thread plug with valve / Nippel mit Aussengewinde mit Ventil TYPE 027 **rtc**

Plugs / Nippel	Size / Größe	Order No / Bestellnr. With valve / mit Ventil	Ød	Ød1	L	L1	HEX.
	10.5	027 PRB 13	BSPT 1/4	15	62	12	24
	10.5	027 PRB 17	BSPT 3/8	15	62	12	24
	10.5	027 PRB 21	BSPT 1/2	15	65	17	24
	10.5	027 PRB 26	BSPT 3/4	15	62	17	27
	10.5	027 PMB 13	BSP 1/4	15	59	9	24
	10.5	027 PMB 17	BSP 3/8	15	60	10	24
	10.5	027 PMB 21	BSP 1/2	15	62	13	24
	10.5	027 PMB 26	BSP 3/4	15	65	16	30

Female thread plug with valve / Nippel mit Innengewinde mit Ventil TYPE 027 **rtc**

Plugs / Nippel	Size / Größe	Order No / Bestellnr. With valve / mit Ventil	Ød	Ød1	L	HEX.
	10.5	027 SFB 13	BSP 1/4	15	56	24
	10.5	027 SFB 17	BSP 3/8	15	57	24
	10.5	027 SFB 21	BSP 1/2	15	57	24
	10.5	027 SFB 26	BSP 3/4	15	61	32
	10.5	027 SNB 13	NPT 1/4	15	60	24
	10.5	027 SNB 17	NPT 3/8	15	61	24
	10.5	027 SNB 21	NPT 1/2	15	63	24
	10.5	027 SNB 26	NPT 3/4	15	67	32

Standard hose tail plug with valve / Nippel mit gerader Standard - Schlauchtülle mit Ventil TYPE 027 **rtc**

Plugs / Nippel	Size / Größe	Order No / Bestellnr. With valve / mit Ventil	Ød	Ød1	L	L1
	10.5	027 SHB 06	6 mm	15	73	23
	10.5	027 SHB 08	8 mm	15	73	23
	10.5	027 SHB 09	9 mm	15	73	23
	10.5	027 SHB 10	10 mm	15	73	23
	10.5	027 SHB 13	13 mm	15	73	23
	10.5	027 SHB 16	16 mm	15	73	23
	10.5	027 SHB 19	19 mm	15	77	28