



rtc[®]

COUPLING TECHNOLOGY



014

rtc TYPE



DN 5.5 & 9 mm Pneumatic Coupling

TYPE 014



Compatibility - Kompatibilität

rtc 014.06	rtc 014.09
rtc 022	Aro 310
rtc 462.06	Orion 44520, 44530
Rectus 14KA, 22KA	Rectus 40
Parker 50	
Aro 210	
Cejn 300	
Orion 44510	

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)

Working Pressure - Betriebsdruck

35 Bar (510 PSI)

Flow size - Nennweite

rtc type 014.06	5.5 mm
rtc type 014.09	9 mm

Material of Standard Coupler / Material für die Standardversion

Socket body	Brass with nickel plated -
Kupplungsgrundkörper	Messing vernickelt
Sleeve	Brass with nickel plated -
Hülse	Messing vernickelt
Springs - Federn	Stainless Steel - Edelstahl
Locking Ring - Sprenging	Stainless Steel - Edelstahl
Locking Pin - Sicherungsstift	Stainless Steel - Edelstahl
Seals - Dichtung	Nitrile (N)
Plug -	Steel zinc-nickel plated -
Nippel	Stahl Zink-Nickel beschichtet

Technical Specifications and Advantages

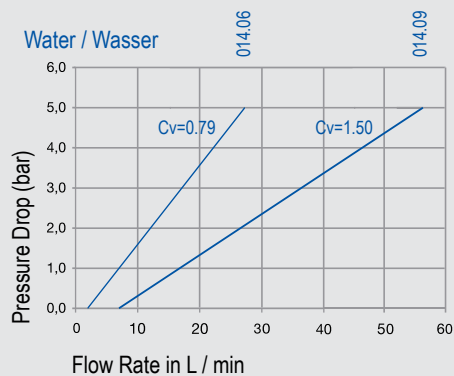
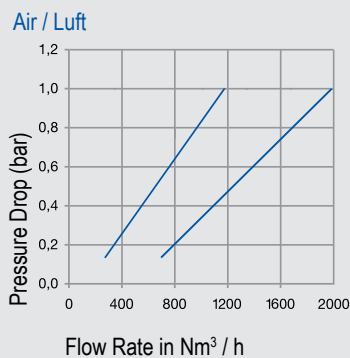
- Advantage of one hand useage.
- Anti-corrosive

Technische Daten und Vorteile

- Vorteil durch Einhandbedienung.
- Korrosionsbeständig



Flow Rate vs Pressure Drop Graph



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Male thread socket / Kupplung mit Aussengewinde



Socket / Kupplung	Size / Größe	Order No / Bestellnr. 	Order No / Bestellnr. 	Ød	Ød1	L	L1	HEX.
	5.5	014.06 SRO 13	014.06 SRF 13	BSPT 1/4	23	46	11	21
		014.06 SRO 17	014.06 SRF 17	BSPT 3/8	23	47	12	21
		014.06 SRO 21	014.06 SRF 21	BSPT 1/2	23	47	16	22
	09	014.09 SRO 13	014.09 SRF 13	BSPT 1/4	30	52	11	27
		014.09 SRO 17	014.09 SRF 17	BSPT 3/8	30	53	12	27
		014.09 SRO 21	014.09 SRF 21	BSPT 1/2	30	56	16	27

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Female thread socket / Kupplung mit Innengewinde



Socket / Kupplung	Size / Größe	Order No / Bestellnr. 	Order No / Bestellnr. 	Ød	Ød1	L	HEX.
	5.5	014.06 SFO 10	014.06 SFF 10	BSP 1/8	23	43	21
		014.06 SFO 13	014.06 SFF 13	BSP 1/4	23	44	21
		014.06 SFO 17	014.06 SFF 17	BSP 3/8	23	44	21
		014.06 SFO 21	014.06 SFF 21	BSP 1/2	23	46	24
		014.06 SNO 13	014.06 SNF 13	NPT 1/4	23	44	21
	09	014.09 SFO 17	014.09 SFF 17	BSP 3/8	30	48	27
		014.09 SFO 21	014.09 SFF 21	BSP 1/2	30	51	27
		014.09 SNO 17	014.09 SNF 17	NPT 3/8	30	51	27

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Standard hose tail socket / Kupplung mit gerader Standard - Schlauchtülle

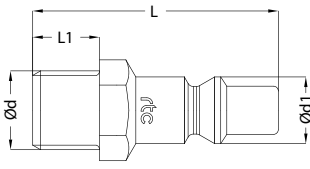


Socket / Kupplung	Size / Größe	Order No / Bestellnr. 	Order No / Bestellnr. 	Ød	Ød1	L	L1
	5.5	014.06 SHO 06	014.06 SHF 06	6 mm	25	59	23
		014.06 SHO 08	014.06 SHF 08	8 mm	25	59	23
		014.06 SHO 09	014.06 SHF 09	9 mm	25	59	23
		014.06 SHO 10	014.06 SHF 10	10 mm	25	59	23
		014.06 SHO 13	014.06 SHF 13	13 mm	25	59	23
	09	014.09 SHO 08	014.09 SHF 08	8 mm	30	64	23
		014.09 SHO 09	014.09 SHF 09	9 mm	30	64	23
		014.09 SHO 10	014.09 SHF 10	10 mm	30	64	23
		014.09 SHO 13	014.09 SHF 13	13 mm	30	64	23



Male thread plug / Nippel mit Aussengewinde

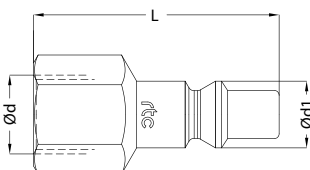
TYPE 014 **rtc**

Plug / Nippel	Size / Größe	Order No / Bestellnr. →←→	Ød	Ød1	L	L1	HEX.
 <p>Brass / Messing Kindly add "MS" at the end of the order no Example code: 014.06 PMF 13 MS</p>	5.5	014.06 PMF 10	BSP 1/8	11	36.5	8	14
		014.06 PMF 13	BSP 1/4	11	40.5	11	14
		014.06 PMF 17	BSP 3/8	11	42	11	19
		014.06 PMF 21	BSP 1/2	11	47.5	13	22
		014.06 PRF 10	BSPT 1/8	11	39.5	9	14
		014.06 PRF 13	BSPT 1/4	11	42.5	12	14
		014.06 PRF 17	BSPT 3/8	11	45.5	12	17
		014.06 PRF 21	BSPT 1/2	11	51.5	17	22
		014.06 PTF 10	NPT 1/8	11	39.5	9	14
		014.06 PTF 13	NPT 1/4	11	42.5	12	14
		014.06 PTF 17	NPT 3/8	11	45.5	12	17
		014.06 PTF 21	NPT 1/2	11	51.5	17	22
		5.5	014.09 PRF 13	BSPT 1/4	15	39	11
014.09 PRF 17	BSPT 3/8		15	41	12	19	
014.09 PRF 21	BSPT 1/2		15	47	17	22	
014.09 PRF 26	BSPT 3/4		15	49	17	27	



Female thread plug / Nippel mit Innengewinde

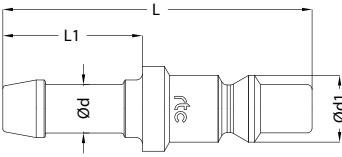
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Plug / Nippel	Size / Größe	Order No / Bestellnr. →←→	Ød	Ød1	L	HEX.	
 <p>Brass / Messing Kindly add "MS" at the end of the order no Example code: 014.06 PFF 13 MS</p>	5.5	014.06 PFF 10	BSP 1/8	11	37.5	13	
		014.06 PFF 13	BSP 1/4	11	40.5	17	
		014.06 PFF 17	BSP 3/8	11	41.5	19	
		014.06 PFF 21	BSP 1/2	11	46	24	
		014.06 PNF 10	NPT 1/8	11	37.5	14	
		014.06 PNF 13	NPT 1/4	11	41.5	17	
		014.06 PNF 17	NPT 3/8	11	42.5	19	
		014.06 PNF 21	NPT 1/2	11	47	24	
		5.5	014.09 PFF 13	BSP 1/4	15	35	17
			014.09 PFF 17	BSP 3/8	15	36	20
014.09 PFF 21	BSP 1/2		15	39	24		



Standard hose tail plug / Nippel mit gerader Standard - Schlauchtüle

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Plug / Nippel	Size / Größe	Order No / Bestellnr. →←→	Ød	Ød1	L	L1
 <p>Brass / Messing Kindly add "MS" at the end of the order no Example code: 014.06 PHF 06 MS</p>	5.5	014.06 PHF 06	6 mm	11	51	23
		014.06 PHF 08	8 mm	11	51	23
		014.06 PHF 10	10 mm	11	51	23
		014.06 PHF 13	13 mm	11	51	23
5.5	014.09 PHF 06	6 mm	15	50	23	
	014.09 PHF 08	8 mm	15	50	23	
	014.09 PHF 10	10 mm	15	50	23	
	014.09 PHF 13	13 mm	15	50	23	