



rtc[®]

COUPLING TECHNOLOGY
www.rtc-tec.com



014

rtc TYPE



DN 5.5 & 9 mm Pneumatic Coupling

TYPE 014



Compatible

rtc	014.06
rtc	022
rtc	462.06
Rectus	14KA, 22KA
Parker	50
Aro	210
Cejn	300
Orion	44510

rtc	014.09
Aro	310
Orion	44520, 44530
Rectus	40

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 014.06	5.5 mm
rtc type 014.09	9 mm

Standard version

Seals - Dichtung : Nitrile (N)

Technical Specifications & Advantages

Advantage of one hand useage.
Anti-corrosive

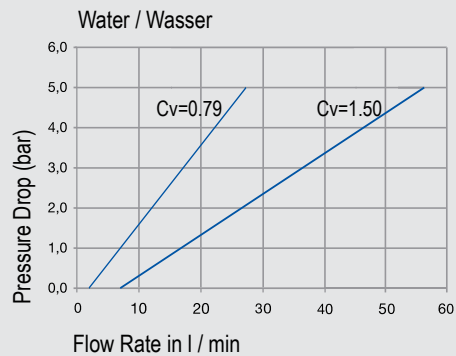
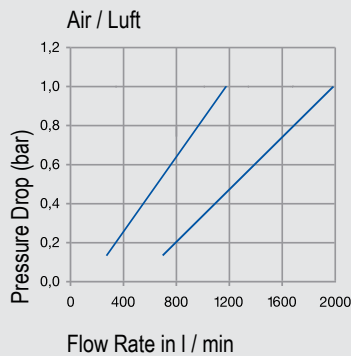
Material of Standard Coupler / Material für die Standardversion

Socket body	Brass with nickel plated - Messing vernickelt
Kupplungsgrundkörper	Messing vernickelt
Sleeve	Brass with nickel plated - Messing vernickelt
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 - Nippel	Steel zinc-nickel plated - Stahl Zink-Nickel beschichtet
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Flow Rate vs Pressure Drop Graph



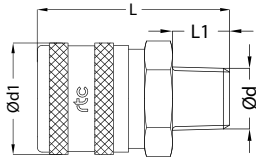
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Male thread socket / Kupplung mit Aussengewinde



Sockets / Kupplungen



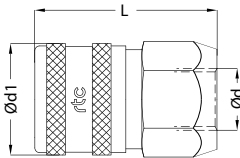
Size / Größe	Order No / Bestellnr. With Valve / Mit Ventil	Order No / Bestellnr. Without Valve / Ohne Ventil	Ød	Ød1	L	L1	HEX.
5.5	014.06 SRO 13	014.06 SRF 13	BSPT 1/4	23	46	11	21
5.5	014.06 SRO 17	014.06 SRF 17	BSPT 3/8	23	47	12	21
5.5	014.06 SRO 21	014.06 SRF 21	BSPT 1/2	23	47	16	22
9	014.09 SRO 13	014.09 SRF 13	BSPT 1/4	30	52	11	27
9	014.09 SRO 17	014.09 SRF 17	BSPT 3/8	30	53	12	27
9	014.09 SRO 21	014.09 SRF 21	BSPT 1/2	30	56	16	27

rtc TYPE 014

Female thread socket / Kupplung mit Innengewinde



Sockets / Kupplungen



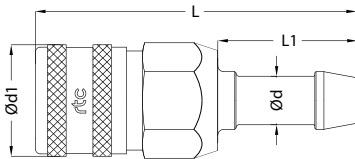
Size / Größe	Order No / Bestellnr. With Valve / Mit Ventil	Order No / Bestellnr. Without Valve / Ohne Ventil	Ød	Ød1	L	HEX.
5.5	014.06 SFO 10	014.06 SFF 10	BSP 1/8	23	43	21
5.5	014.06 SFO 13	014.06 SFF 13	BSP 1/4	23	44	21
5.5	014.06 SFO 17	014.06 SFF 17	BSP 3/8	23	44	21
5.5	014.06 SFO 21	014.06 SFF 21	BSP 1/2	23	46	24
5.5	014.06 SNO 13	014.06 SNF 13	NPT 1/4	23	44	21
9	014.09 SFO 17	014.09 SFF 17	BSP 3/8	30	48	27
9	014.09 SFO 21	014.09 SFF 21	BSP 1/2	30	51	27
9	014.09 SNO 17	014.09 SNF 17	NPT 3/8	30	51	27

rtc TYPE 014

Standard hose tail socket / Kupplung mit gerader Standard - Schlauchtülle



Sockets / Kupplungen

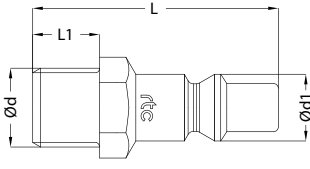


Size / Größe	Order No / Bestellnr. With Valve / Mit Ventil	Order No / Bestellnr. Without Valve / Ohne Ventil	Ød	Ød1	L	L1
5.5	014.06 SHO 06	014.06 SHF 06	6 mm	25	59	23
5.5	014.06 SHO 08	014.06 SHF 08	8 mm	25	59	23
5.5	014.06 SHO 09	014.06 SHF 09	9 mm	25	59	23
5.5	014.06 SHO 10	014.06 SHF 10	10 mm	25	59	23
5.5	014.06 SHO 13	014.06 SHF 13	13 mm	25	59	23
9	014.09 SHO 08	014.09 SHF 08	8 mm	30	64	23
9	014.09 SHO 09	014.09 SHF 09	9 mm	30	64	23
9	014.09 SHO 10	014.09 SHF 10	10 mm	30	64	23
9	014.09 SHO 13	014.09 SHF 13	13 mm	30	64	23



Male thread plug / Nippel mit Aussengewinde

TYPE 014 

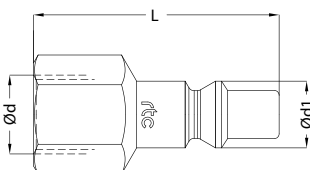
Plugs / Nippel	Size / Größe	Order No / Bestellnr. Without Valve / Ohne Ventil	Ød	Ød1	L	L1	HEX.
	5.5	014.06 PMF 10	BSP 1/8	11	36.5	8	14
	5.5	014.06 PMF 13	BSP 1/4	11	40.5	11	14
	5.5	014.06 PMF 17	BSP 3/8	11	42	11	19
	5.5	014.06 PMF 21	BSP 1/2	11	47.5	13	22
	5.5	014.06 PRF 10	BSPT 1/8	11	39.5	9	14
	5.5	014.06 PRF 13	BSPT 1/4	11	42.5	12	14
	5.5	014.06 PRF 17	BSPT 3/8	11	45.5	12	17
	5.5	014.06 PRF 21	BSPT 1/2	11	51.5	17	22
	5.5	014.06 PTF 10	NPT 1/8	11	39.5	9	14
	5.5	014.06 PTF 13	NPT 1/4	11	42.5	12	14
	5.5	014.06 PTF 17	NPT 3/8	11	45.5	12	17
	5.5	014.06 PTF 21	NPT 1/2	11	51.5	17	22
	9	014.09 PRF 13	BSPT 1/4	15	39	11	17
	9	014.09 PRF 17	BSPT 3/8	15	41	12	19
	9	014.09 PRF 21	BSPT 1/2	15	47	17	22
	9	014.09 PRF 26	BSPT 3/4	15	49	17	27

Brass / Messing Kindly add "MS"
at the end of the order no
Example code: 014.06 PMF 13 MS



Female thread plug / Nippel mit Innengewinde

TYPE 014 

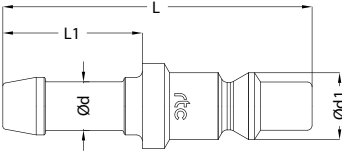
Plugs / Nippel	Size / Größe	Order No / Bestellnr. Without Valve / Ohne Ventil	Ød	Ød1	L	HEX.
	5.5	014.06 PFF 10	BSP 1/8	11	37.5	13
	5.5	014.06 PFF 13	BSP 1/4	11	40.5	17
	5.5	014.06 PFF 17	BSP 3/8	11	41.5	19
	5.5	014.06 PFF 21	BSP 1/2	11	46	24
	5.5	014.06 PNF 10	NPT 1/8	11	37.5	14
	5.5	014.06 PNF 13	NPT 1/4	11	41.5	17
	5.5	014.06 PNF 17	NPT 3/8	11	42.5	19
	5.5	014.06 PNF 21	NPT 1/2	11	47	24
	9	014.09 PFF 13	BSP 1/4	15	35	17
	9	014.09 PFF 17	BSP 3/8	15	36	20
	9	014.09 PFF 21	BSP 1/2	15	39	24

Brass / Messing Kindly add "MS"
at the end of the order no
Example code: 014.06 PFF 13 MS



Standard hose tail plug / Nippel mit gerader Standard - Schlauchtülle

TYPE 014 

Plugs / Nippel	Size / Größe	Order No / Bestellnr. Without Valve / Ohne Ventil	Ød	Ød1	L	L1
	5.5	014.06 PHF 06	6 mm	11	51	23
	5.5	014.06 PHF 08	8 mm	11	51	23
	5.5	014.06 PHF 10	10 mm	11	51	23
	5.5	014.06 PHF 13	13 mm	11	51	23
	9	014.09 PHF 06	6 mm	15	50	23
	9	014.09 PHF 08	8 mm	15	50	23
	9	014.09 PHF 10	10 mm	15	50	23
	9	014.09 PHF 13	13 mm	15	50	23

Brass / Messing Kindly add "MS"
at the end of the order no
Example code: 014.06 PHF 06 MS