



rtc[®]

COUPLING TECHNOLOGY
www.rtc-tec.com



022

rtc TYPE



DN 5.5 mm Pneumatic Coupling

TYPE 022



Compatible - Kompatibilität

rtc	014
rtc	462.06
Rectus	14KA, 22KA
Aro	210
Parker	50
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 022 5.5 mm

Standard version - Standardversion

Seals - Dichtung : Nitrile (N)

Material of Standard Coupler

Material für die Standardversion

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
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Technical Specifications & Advantages

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

Technische Daten und Vorteile

- Ventil mit hohem Durchfluss und geringem Druckverlust.
- Vorteil durch Einhandbedienung.
- Korrosionsbeständig

Material of Brass Coupler

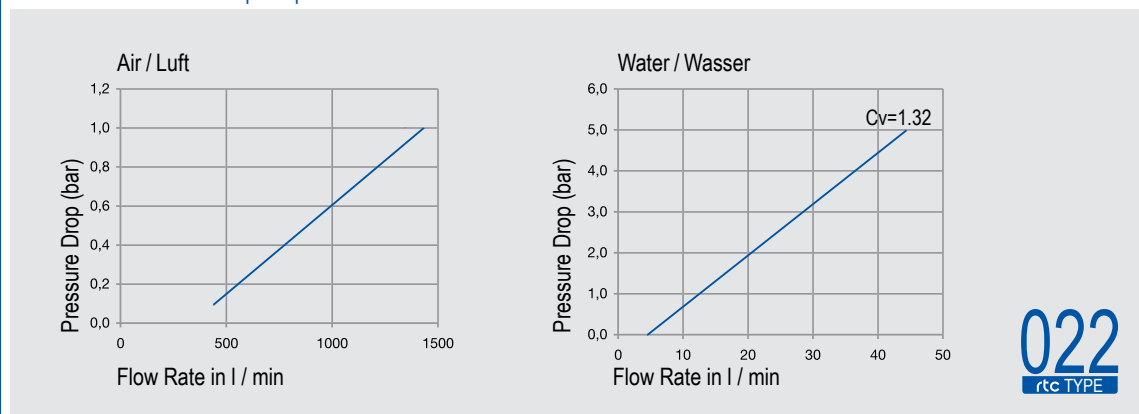
Material für die Messingversion

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

Plug - Nippel Brass - Messing



Flow Rate vs Pressure Drop Graph



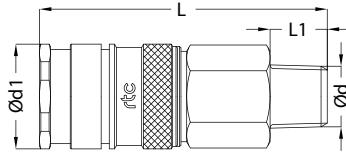
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Male thread socket / Kupplung mit Aussengewinde



Sockets / Kupplungen



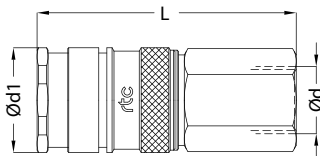
Size / Größe	Order No / Bestellnr. With valve / mit Ventil	Order No / Bestellnr. Without valve / ohne Ventil	Ød	Ød1	L	L1	HEX.
5.5	022 SRO 10	022 SRF 10	BSPT 1/8	22	57	9	19
5.5	022 SRO 13	022 SRF 13	BSPT 1/4	22	60	12	19
5.5	022 SRO 17	022 SRF 17	BSPT 3/8	22	59	12	19
5.5	022 SRO 21	022 SRF 21	BSPT 1/2	22	57	17	22
5.5	022 SMO 1415	022 SMF 1415	M14x1.5	22	58	10	19
5.5	022 SMO 1615	022 SMF 1615	M16x1.5	22	58	11	19
5.5	022 SMO 1815	022 SMF 1815	M18x1.5	22	58	11	19

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Female thread socket / Kupplung mit Innengewinde



Sockets / Kupplungen



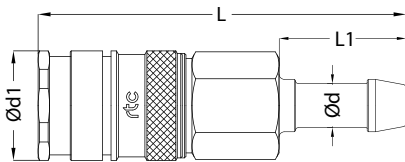
Size / Größe	Order No / Bestellnr. With valve / mit Ventil	Order No / Bestellnr. Without valve / ohne Ventil	Ød	Ød1	L	L1	HEX.
5.5	022 SFO 10	022 SFF 10	BSP 1/8	22	55	9	19
5.5	022 SFO 13	022 SFF 13	BSP 1/4	22	55	9	19
5.5	022 SFO 17	022 SFF 17	BSP 3/8	22	54	9	19
5.5	022 SFO 21	022 SFF 21	BSP 1/2	22	57	12	24

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Standard hose tail socket / Kupplung mit gerader Standard - Schlauchtülle



Sockets / Kupplungen



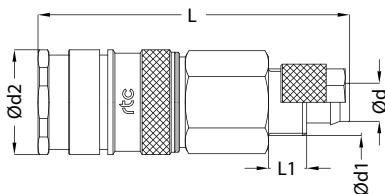
Size / Größe	Order No / Bestellnr. With valve / mit Ventil	Order No / Bestellnr. Without valve / ohne Ventil	Ød	Ød1	L	L1	HEX.
5.5	022 SHO 06	022 SHF 06	6 mm	22	70.5	22.5	19
5.5	022 SHO 08	022 SHF 08	8 mm	22	70.5	22.5	19
5.5	022 SHO 09	022 SHF 09	9 mm	22	70.5	22.5	19
5.5	022 SHO 10	022 SHF 10	10 mm	22	70.5	22.5	19
5.5	022 SHO 13	022 SHF 13	13 mm	22	70.5	22.5	19

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Socket with plastic hose connection / Kupplung mit Kunststoffschlauch

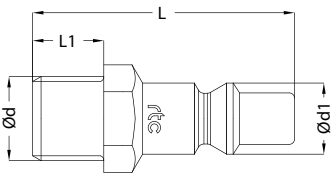


Sockets / Kupplungen



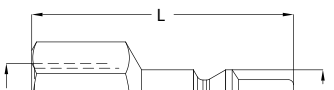
Size / Größe	Order No / Bestellnr. With valve / mit Ventil	Order No / Bestellnr. Without valve / ohne Ventil	Ød	Ød1	Ød2	L	L1	HEX.
5.5	022 SVO 0608	022 SVF 0608	6x8 mm	M12x1	22	61	6	19
5.5	022 SVO 0810	022 SVF 0810	8x10 mm	M16x1	22	65	8	19

Male thread plug / Nippel mit Aussengewinde TYPE 022 **rtc**

Plugs / Nippel	Size / Größe	Order No / Bestellnr. Without valve / ohne Ventil	Ød	Ød1	L	L1	HEX.
	5.5	022 PMF 10	BSP 1/8	11	36.5	8	14
	5.5	022 PMF 13	BSP 1/4	11	40.5	11	14
	5.5	022 PMF 17	BSP 3/8	11	42	11	19
	5.5	022 PMF 21	BSP 1/2	11	47.5	13	22
	5.5	022 PRF 10	BSPT 1/8	11	39.5	9	14
	5.5	022 PRF 13	BSPT 1/4	11	42.5	12	14
	5.5	022 PRF 17	BSPT 3/8	11	45.5	12	17
	5.5	022 PRF 21	BSPT 1/2	11	51.5	17	22
	5.5	022 PTF 10	NPT 1/8	11	39.5	9	14
	5.5	022 PTF 13	NPT 1/4	11	42.5	12	14
	5.5	022 PTF 17	NPT 3/8	11	45.5	12	17

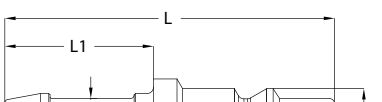
Brass / Messing Kindly add "MS"
at the end of the order no
Example code: 022 PMF 13 MS

Female thread plug / Nippel mit Innengewinde TYPE 022 **rtc**

Plugs / Nippel	Size / Größe	Order No / Bestellnr. Without valve / ohne Ventil	Ød	Ød1	L	L1	HEX.
	5.5	022 PFF 10	BSP 1/8	11	37.5	9	13
	5.5	022 PFF 13	BSP 1/4	11	40.5	12	17
	5.5	022 PFF 17	BSP 3/8	11	41.5	12	19
	5.5	022 PFF 21	BSP 1/2	11	46	14	24

Brass / Messing Kindly add "MS"
at the end of the order no
Example code: 022 PFF 13 MS

Standard hose tail plug / Nippel mit gerader Standard - Schlauchtülle TYPE 022 **rtc**

Plugs / Nippel	Size / Größe	Order No / Bestellnr. Without valve / ohne Ventil	Ød	Ød1	L	L1
	5.5	022 PHF 06	6 mm	11	51	23
	5.5	022 PHF 08	8 mm	11	51	23
	5.5	022 PHF 10	10 mm	11	51	23
	5.5	022 PHF 13	13 mm	11	51	23

Brass / Messing Kindly add "MS"
at the end of the order no
Example code: 022 PHF 06 MS