



# rtc<sup>®</sup>

**COUPLING TECHNOLOGY**  
[www.rtc-couplings.com](http://www rtc-couplings.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

**Technical Specifications & Advantages**

- High performance valve with increased flow rate and minimised pressure loss.
- Advantage of one hand operation.
- Corrosion resistant.

**Technische Daten und Vorteile**

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

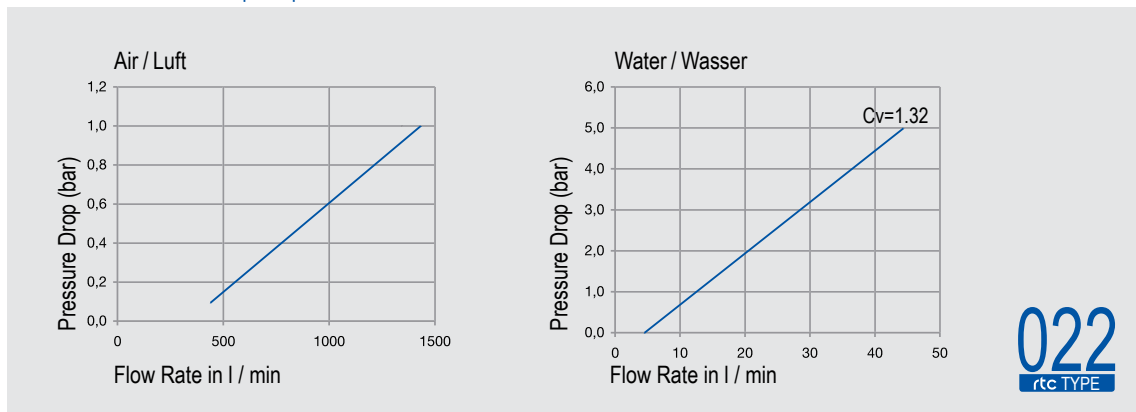
**Material of Brass Coupler**

**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**



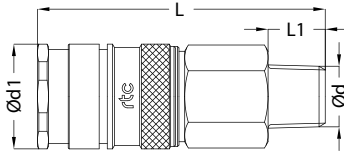
**022**  
rtc TYPE

**rtc** TYPE 022

Male thread socket / Kupplung mit Aussengewinde



Sockets / Kupplungen



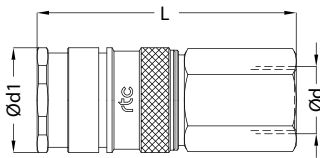
Size / Größe	Order No / Bestellnr. With valve / mit Ventil	Order No / Bestellnr. Without valve / ohne Ventil	Ød	Ød1	L	L1	HEX.
5.5	022 SRO 10	022 SRF 10	BSPT 1/8	22	57	9	19
5.5	022 SRO 13	022 SRF 13	BSPT 1/4	22	60	12	19
5.5	022 SRO 17	022 SRF 17	BSPT 3/8	22	59	12	19
5.5	022 SRO 21	022 SRF 21	BSPT 1/2	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

**rtc** TYPE 022

Female thread socket / Kupplung mit Innengewinde



Sockets / Kupplungen



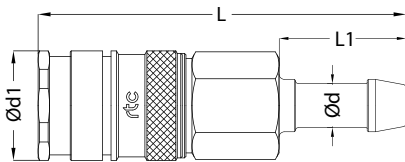
Size / Größe	Order No / Bestellnr. With valve / mit Ventil	Order No / Bestellnr. Without valve / ohne Ventil	Ød	Ød1	L	L1	HEX.
5.5	022 SFO 10	022 SFF 10	BSP 1/8	22	55	9	19
5.5	022 SFO 13	022 SFF 13	BSP 1/4	22	55	9	19
5.5	022 SFO 17	022 SFF 17	BSP 3/8	22	54	9	19
5.5	022 SFO 21	022 SFF 21	BSP 1/2	22	57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

**rtc** TYPE 022

Standard hose tail socket / Kupplung mit gerader Standard - Schlauchtülle



Sockets / Kupplungen



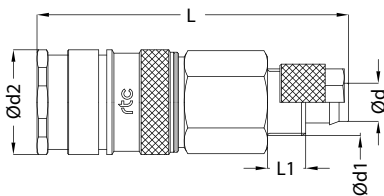
Size / Größe	Order No / Bestellnr. With valve / mit Ventil	Order No / Bestellnr. Without valve / ohne Ventil	Ød	Ød1	L	L1	HEX.
5.5	022 SHO 06	022 SHF 06	6 mm	22	70.5	22.5	19
5.5	022 SHO 08	022 SHF 08	8 mm	22	70.5	22.5	19
5.5	022 SHO 09	022 SHF 09	9 mm	22	70.5	22.5	19
5.5	022 SHO 10	022 SHF 10	10 mm	22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

**rtc** TYPE 022

Socket with plastic hose connection / Kupplung mit Kunststoffschlauch

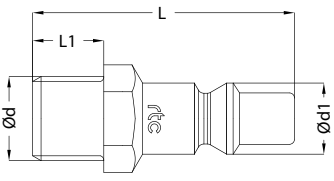


Sockets / Kupplungen

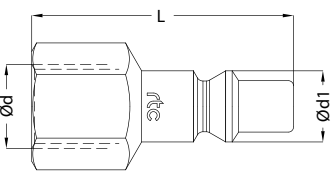


Size / Größe	Order No / Bestellnr. With valve / mit Ventil	Order No / Bestellnr. Without valve / ohne Ventil	Ød	Ød1	Ød2	L	L1	HEX.
5.5	022 SVO 0608	022 SVF 0608	6x8 mm	M12x1	22	61	6	19
5.5	022 SVO 0810	022 SVF 0810	8x10 mm	M16x1	22	65	8	19

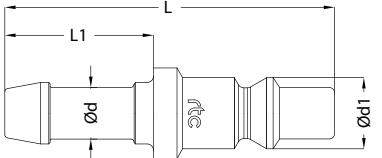
Male thread plug / Nippel mit Aussengewinde TYPE 022 

Plugs / Nippel	Size / Größe	Order No / Bestellnr. Without valve / ohne Ventil	Ød	Ød1	L	L1	HEX.
 <p>Brass / Messing Kindly add "MS" at the end of the order no Example code: 022 PMF 13 MS</p>	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	

Female thread plug / Nippel mit Innengewinde TYPE 022 

Plugs / Nippel	Size / Größe	Order No / Bestellnr. Without valve / ohne Ventil	Ød	Ød1	L	L1	HEX.
 <p>Brass / Messing Kindly add "MS" at the end of the order no Example code: 022 PFF 13 MS</p>	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

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

Plugs / Nippel	Size / Größe	Order No / Bestellnr. Without valve / ohne Ventil	Ød	Ød1	L	L1
 <p>Brass / Messing Kindly add "MS" at the end of the order no Example code: 022 PHF 06 MS</p>	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