



# rtc<sup>®</sup>

COUPLING TECHNOLOGY  
[www.rtc-tec.com](http://www.rtc-tec.com)



## 468.08

rtc TYPE



**Compatible - Kompatibilität**

rtc	033
Rectus	33
Atlas Copco	QIC10

**Temperature Range - Temperaturbereich**

Nitrile (N)	-20°C + 110°C (- 4°F + 230°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**

25 Bar (360 PSI)

**Connction / Disconnection Max. Pressure -**

Ein- und Auskuppelbar bis Max. Druck  
15 Bar (220 PSI)

**Flow size - Nennweite**

rtc type 468.08 8mm (3/8")

**Standard version - Standardversion**

Seals - Dichtung : Nitrile (N)

**Material of Standard Coupler / Material für die Standardversion**

Body / Housing - Kupplungsgrundkörper/Gehäuse	Steel tenifer threaded Stahl teneferiert
Inner Part / Cylinder - Innenteil / Zylinder	Surface hardened steel Zinc-nickel plated Stahl gehärtet, Zink-Nickel beschichtet
Back Part - Hinterteil	Steel zinc plated - Stahl verzinkt
Sleeve - Hülse	Zinc diecasted, nickel plated & orange plastic coated Zink-Druckguss, vernickelt und orange Gummi beschichtet
Spings - Federn	Stainless steel - Edelstahl
Seals - Dichtungen	Nitrile (N)
Plug - Nippel	Surface Hardened Steel, Galvanized Stahl gehärtet, verzinkt

**Advantages**

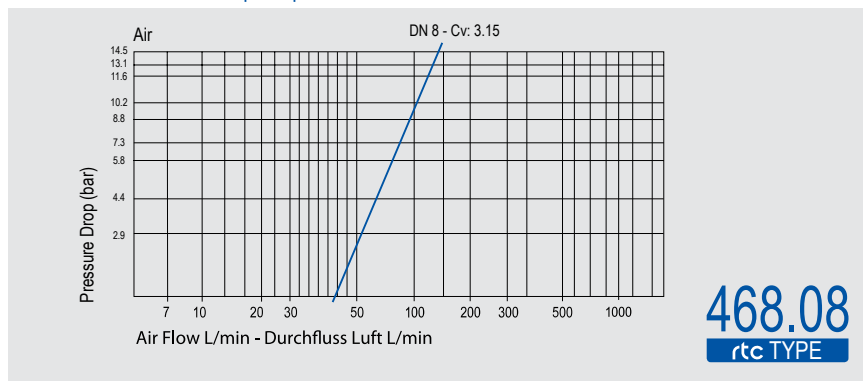
- The system perfectly fits to the ISO 4414, EN 983 safety requirements.
- Through flow, minimum pressure loss.
- Negligible Connecting Force
- Smart and Ergonomic features
- Ease of Handling
- Optimised Size

**Vorteil**

- Sicherheit gemäß ISO 4414, EN 983
- Voller Durchgang, sehr geringer Druckverlust
- Einfache Bedienung, sehr geringe Kuppelkraft
- Kompakte Bauform



**Flow Rate vs Pressure Drop Graph**

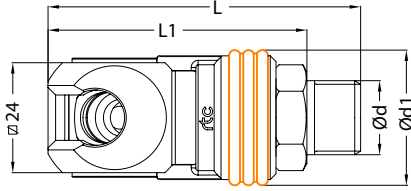


**rtc** TYPE 468.08

Male thread socket / Kupplung mit Aussengewinde



Socket / Kupplung



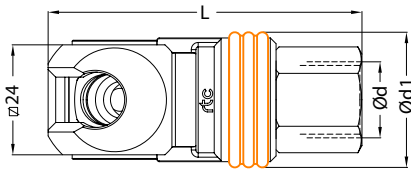
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
8	-	468.08 SMO 13	BSP 1/4	30	69.5	58.5	20
8	-	468.08 SMO 17	BSP 3/8	30	69.5	58.5	20
8	-	468.08 SMO 21	BSP 1/2	30	71.5	59.5	22
8	-	468.08 STO 13	NPT 1/4	30	70.5	56.5	20
8	-	468.08 STO 17	NPT 3/8	30	71.5	57.5	20
8	-	468.08 STO 21	NPT 1/2	30	78.5	59.5	22

**rtc** TYPE 468.08

Female thread socket / Kupplung mit Innengewinde



Socket / Kupplung



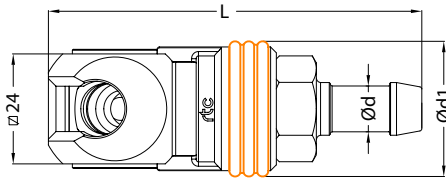
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
8	-	468.08 SFO 13	BSP 1/4	30	68.5	-	20
8	-	468.08 SFO 17	BSP 3/8	30	68.5	-	20
8	-	468.08 SFO 21	BSP 1/2	30	69.5	-	24
8	-	468.08 SNO 13	NPT 1/4	30	68.5	-	20
8	-	468.08 SNO 17	NPT 3/8	30	68.5	-	20
8	-	468.08 SNO 21	NPT 1/2	30	69.5	-	24

**rtc** TYPE 468.08

Socket with hose barb / Kupplung mit Schlauchanschluss



Socket / Kupplung



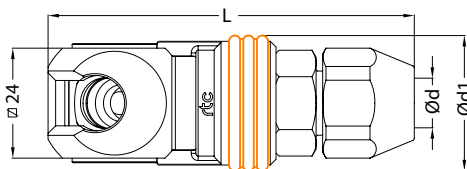
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
8	-	468.08 SHO 06	Ø6 - 1/4	30	79	-	-
8	-	468.08 SHO 08	Ø8 - 5/16	30	79	-	-
8	-	468.08 SHO 10	Ø10 - 3/8	30	79	-	-
8	-	468.08 SHO 13	Ø13 - 1/2	30	79	-	-

**rtc** TYPE 468.08

Socket with plastic hose connection / Kupplung mit Kunststoffschlauchanschluss



Socket / Kupplung



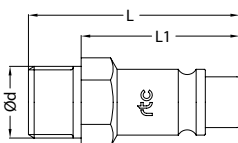
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
8	-	468.08 SVO 0610	6.5x10	30	80	-	22
8	-	468.08 SVO 0812	8x12	30	80	-	22
8	-	468.08 SVO 1116	11x16	30	84	-	27

**rtc** TYPE 468.08

Plug with male thread / Nippel mit Aussengewinde

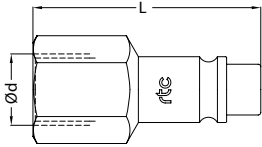


Plug / Nippel

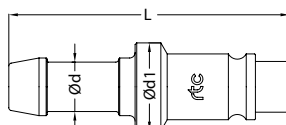


Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
8	-	468.08 PRF 13	BSPT 1/4	-	41.5	29.5	14
8	-	468.08 PRF 17	BSPT 3/8	-	43	31	19
8	-	468.08 PRF 21	BSPT 1/2	-	50.5	33.5	22
8	-	468.08 PTF 13	NPT 1/4	-	41.5	29.5	14
8	-	468.08 PTF 17	NPT 3/8	-	43	31	19
8	-	468.08 PTF 21	NPT 1/2	-	50.5	33.5	22


Plug with female thread / Nippel mit Innengewinde TYPE 468.08 

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	8	-	468.08 PFF 13	BSP 1/4	-	41.5	-	17
	8	-	468.08 PFF 17	BSP 3/8	-	43	-	19
	8	-	468.08 PFF 21	BSP 1/2	-	47	-	24
	8	-	468.08 PNF 13	BSP 1/4	-	41.5	-	17
	8	-	468.08 PNF 17	BSP 3/8	-	43	-	19
	8	-	468.08 PNF 21	BSP 1/2	-	47	-	24

Plug with hose barb / Nippel mit Schlauchanschluss TYPE 468.08 


Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	8	-	468.08 PHF 06	Ø6 - 1/4	14	50	-	-
	8	-	468.08 PHF 08	Ø8 - 5/16	14	53	-	-
	8	-	468.08 PHF 10	Ø10 - 3/8	16	53	-	-
	8	-	468.08 PHF 13	Ø13 - 1/2	16	53	-	-

Coupling head protective cover - Schutzhauben für Schwenkkupplungen TYPE HPC 

	Suitable for series Geeignet für Serien	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	☑
Material: Polyamide Werkstoff: Polyamid  	462.06 / 460.06 / 461.06 / 465.08 / 466.06 / 467.06	R295 00 385	HPC 0620	20
	463.08 / 464.08 / 460.08 / 461.08	R295 00 340	HPC 0825	25
	460.11 / 461.11	R295 00 531	HPC 1130	30




Coupling body protective cover - Schutzhülsen für Schwenkkupplungen TYPE BPC 

	Suitable for series Geeignet für Serien	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	☑
Material: Vinyl Werkstoff: Vinyl  	462.06 / 460.06 / 461.06 / 465.08 / 466.06 / 467.06	R295 00 480	BPC 0620	20
	463.08 / 464.08 / 460.08 / 461.08	R295 00 481	BPC 0825	25
	460.11 / 461.11	R295 00 482	BPC 1130	30



Plastic hose protective spiral guard - Knickschutz für Spiralschlauch TYPE HGS 

	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød
Material: Polyamide Werkstoff: Polyamid  	-	HGS 0610	6.5x10
	R295 00 337	HGS 0812	8x12
	R295 00 401	HGS 1116	11x16

