



rtc[®]

COUPLING TECHNOLOGY
www.rtc-tec.com



108

rtc TYPE

One hand Connection
Push-pull Disconnection

Ein-Hand Kuppeln
Push-Pull Lösen



Temperature Range - Temperaturbereich

Nitrile (N) -20°C + 100°C (-4°F + 212°F)
FPM (V) -20°C + 180°C (-4°F + 356°F)

Max. Working Pressure - Max. Betriebsdruck

rtc 108.06 180 bar (2610 PSI)
rtc 108.07 180 bar (2610 PSI)
rtc 108.09 180 bar (2610 PSI)
rtc 108.12 180 bar (2610 PSI)
rtc 108.16 180 bar (2610 PSI)

Flow size - Nennweiten

rtc 108.06 6 mm
rtc 108.07 7 mm
rtc 108.09 9 mm
rtc 108.12 12 mm
rtc 108.16 16 mm

Material

Socket Body - Kupplungsgrundkörper Stainless Steel - Edelstahl
Sleeve - Hülse Stainless Steel - Edelstahl
Valve - Ventil Stainless Steel - Edelstahl

Locking Ring - Sprengring Stainless Steel - Edelstahl
Balls - Kugeln Stainless Steel - Edelstahl
Seals - Dichtungen FPM (V)

Plug - Nippel Stainless Steel - Edelstahl
Back part Nippel - Nippel Hinterteil Stainless Steel - Edelstahl

Standard version - Standardversion

FPM (V)
One hand Connection Push-pull Disconnection
Ein-Hand Kuppeln Push-Pull Lösen

Options - Optionen

E EPDM Seal - EPDM Dichtung
W FFKM Seal - FFKM Dichtung

RED Colour coding - Farbkodierung
BLUE

Using Area

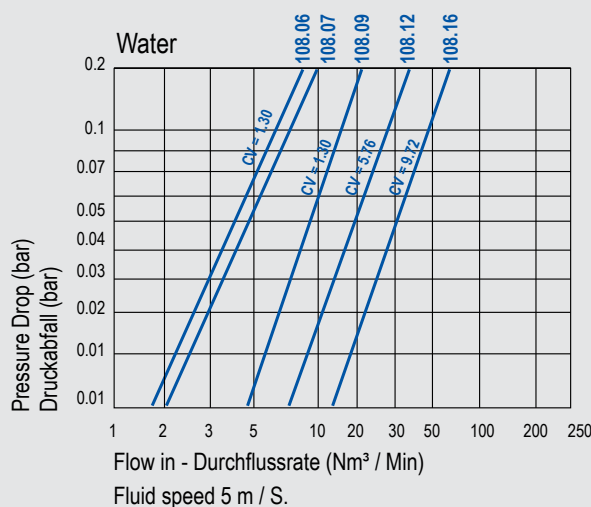
- On temperature regulation applications with hot or cold water, oil etc.
- Blow moulding industry
- Injection moulding industries.
- On steam line.

Anwendungsbereiche

- Zuleitung für die Temperierung / Druckluft
- Blasformmaschinen Industrie
- Kühlung mit Öl oder Wasser
- Kunststoffindustrie



Flow Rate vs Pressure Drop Graph / Durchflussrate vs Druckabfall



108
rtc TYPE

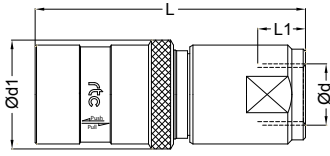
rtc TYPE 108

Cylindrical female thread socket / Kupplung mit Innengewinde zylindrisch



Socket / Kupplung

Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
06	108.06 SFB 13	BSP 1/4"	22	61	10	20
06	108.06 SFB 17	BSP 3/8"	22	65	11	21
06	108.06 SNB 13	NPT 1/4"	24	61	10	20
09	108.09 SFB 17	BSP 3/8"	31.5	75.5	11	24
09	108.09 SNB 17	NPT 3/8"	31.5	75.5	11	24
12	108.12 SFB 21	BSP 1/2"	41	103	14	27
12	108.12 SNB 21	NPT 1/2"	41	103	14	27
16	108.16 SFB 26	BSP 3/4"	53.5	130	17	36



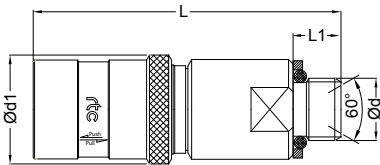
rtc TYPE 108

Cylindrical Male thread socket / Kupplung mit Aussengewinde zylindrisch



Socket / Kupplung

Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
09	108.09 SOB 17	BSP 3/8	32	82	12	24
12	108.12 SOB 21	BSP 1/2	41	109	14	27
16	108.16 SOB 26	BSP 3/4	54	137	20	41



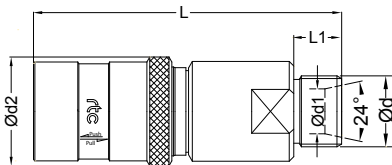
rtc TYPE 108

Male thread socket / Kupplung mit Aussengewinde



Socket / Kupplung

Size Größe	Order No / Bestellnr.	Ød	Ød1	Ød2	L	L1	HEX.
06	108.06 SMB 1415-08	M 14x1.5	8	24	61	10	20
06	108.06 SMB 1615-10	M 16x1.5	10	24	60	11	20
09	108.09 SMB 1815-12	M 18x1.5	12	36	79	11	24
12	108.12 SMB 2215-15	M 22x1.5	15	44	108	12	27
16	108.16 SMB 3020-22	M 30x2.0	22	53.5	137	14	41



Male threaded socket for hydraulic pipes with 24° taper according to ISO 8434-1 (type: S)
Kupplung mit Aussengewinde mit 24° Dichtkonus (typ:S)



Cylindrical female thread plug / Nippel mit Innengewinde zylindrisch

TYPE 108



Plug / Nippel	Size Größe	Order No / Bestellnr.	Ød	L	L1	HEX.
	06	108.06 PFB 13	BSP 1/4"	59	10	17
	06	108.06 PFB 17	BSP 3/8"	61	11	21
	06	108.06 PNB 13	NPT 1/4"	58	10	17
	09	108.09 PFB 17	BSP 3/8"	71	11	23
	09	108.09 PNB 17	NPT 3/8"	70	11	23
	12	108.12 PFB 21	BSP 1/2"	90	14	30
	12	108.12 PNB 21	NPT 1/2"	90	14	30
	16	108.16 PFB 26	BSP 3/4"	105	17	38



Cylindrical Male thread plug / Nippel mit Aussengewinde zylindrisch

TYPE 108



Plug / Nippel	Size Größe	Order No / Bestellnr.	Ød	L	L1	HEX.
	06	108.06 POB 13	BSP 1/4	54	10	17
	09	108.09 POB 17	BSP 3/8	67	11	23
	12	108.12 POB 21	BSP 1/2	85	14	30
	16	108.16 POB 26	BSP 3/4	101	17	38
	16	108.16 POB 33	BSP 1	106	20	41



Panel Mounting Male Threaded Plug / Nippel mit Aussengewinde Schott

TYPE 108



Plug / Nippel	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	L2	HEX.1	HEX.2
	06	108.06 PMBP 13	BSP 1/4	16.5	61	11	4	17	21
	09	108.09 PMBP 17	BSP 3/8	22.5	72	12	4	23	27
	12	108.12 PMBP 21	BSP 1/2	28.5	96	14	6	30	34
	16	108.16 PMBP 26	BSP 3/4	36.5	112	16	5	38	46



Male thread plug / Nippel mit Aussengewinde

TYPE 108



Plug / Nippel	Size Größe	Order No / Bestellnr.	Ød	L	L1	HEX.
	06	108.06 PMB 1415-08	M 14x1.5-Ø8	52	10	17
	06	108.06 PMB 1615-10	M 16x1.5-Ø10	53	11	17
	09	108.09 PMB 1815-12	M 18x1.5-Ø12	65	11	23
	12	108.12 PMB 2215-15	M 22x1.5-Ø15	81	12	30
	16	108.16 PMB 3020-22	M 30x2.0-Ø22	98	14	38

Male threaded plug for hydraulic pipes with 24° taper according to ISO 8434-1 (type: S)
Nippel mit Aussengewinde mit 24° Dichtkonus (typ:S)



NPT male thread plug / Nippel mit Aussengewinde NPT

TYPE 108



Plug / Nippel	Size Größe	Order No / Bestellnr.	Ød	L	L1	HEX.
	09	108.09 PTB 17	NPT 3/8"	69	11	23
	12	108.12 PTB 21	NPT 1/2"	89	15	30
	16	108.16 PTB 26	NPT 3/4"	103	19	38