

rtc[®]

QUICK CONNECT TECHNOLOGY
www.rtc-tec.com

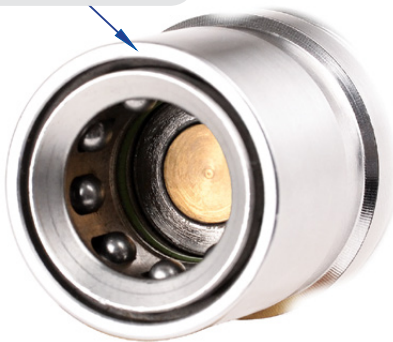


One hand Connection
Push-pull Disconnection

Eine Hand Kuppeln
Push-Pull Lösen

102

rtc TYPE



Temperature Range - Temperaturbereich
 -20°C +100°C (-4°F +212°F) Nitril (N)
 -10°C +180°C (+14°F +356°F) FPM (V)

Max. Working Pressure - Max. Betriebsdruck
 rtc 102.06 50 bar (725 PSI)
 rtc 102.07 50 bar (725 PSI)
 rtc 102.08 50 bar (725 PSI)
 rtc 102.09 50 bar (725 PSI)
 rtc 102.12 50 bar (725 PSI)
 rtc 102.16 50 bar (725 PSI)

Flow size - Nennweiten
 rtc 102.06 6 mm
 rtc 102.07 7 mm
 rtc 102.08 8 mm
 rtc 102.09 9 mm
 rtc 102.12 12 mm
 rtc 102.16 16 mm

Material
 Socket Body- Kupplungsgrundkörper Brass - Messing
 Sleeve - Hülse Stainless Steel - Edelstahl
 Valve - Ventil Brass - Messing
 Springs - Federn 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 Brass - Messing

Standard version - Standardversion
 FPM (V)

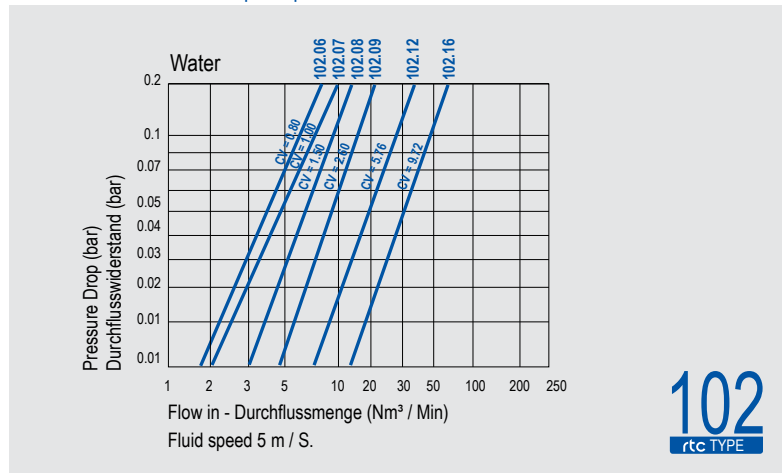
Options - Optionen
S Stainless Steel - Edelstahl
E EPDM Seal - EPDM Dichtung
W FFKM Seal - FFKM Dichtung
RED Colour coding - Farbkodierung
BLUE
PP Push-Pull disconnect by using one hand
 Eine Hand Kuppeln Push-Pull Lösen

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

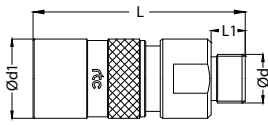


rtc TYPE 102

Cylindrical male thread socket / Kupplung mit Aussengewinde zylindrisch



Socket / Kupplung



Con. 24° / 24° Innenkonus

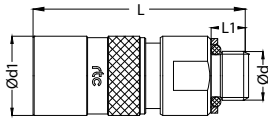
Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
06	102.06 SMB 1615-10	M16x1.5	22	59	11	20
07	102.07 SMB 1615-10	M16x1.5	22	59	11	20
09	102.09 SMB 1815-12	M18x1.5	28	80	11	24
06	102.06 STB 13	NPT 1/4	22	60	12	20
07	102.07 STB 13	NPT 1/4	22	60	12	20
09	102.09 STB 17	NPT 3/8	28	83	14	24

rtc TYPE 102

Cylindrical male thread socket with O-Ring / Kupplung mit Aussengewinde zylindrisch mit O-Ring



Socket / Kupplung



Con. 60° / 60° Innenkonus

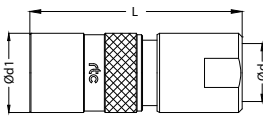
Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
06	102.06 SOB 13	BSP 1/4	22	59	11	20
06	102.06 SOB 17	BSP 3/8	22	60	12	20
07	102.07 SOB 13	BSP 1/4	22	59	11	20
09	102.09 SOB 17	BSP 3/8	28	80	12	24
09	102.09 SOB 21	BSP 1/2	28	84	14	24

rtc TYPE 102

Cylindrical female thread socket / Kupplung mit Innengewinde zylindrisch



Socket / Kupplung



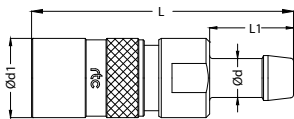
Size Größe	Order No / Bestellnr.	Ød	Ød1	L	HEX.
06	102.06 SFB 13	BSP 1/4	22	61	20
07	102.07 SFB 13	BSP 1/4	22	61	20
09	102.09 SFB 17	BSP 3/8	28	75.5	24
12	102.12 SFB 21	BSP 1/2	44	103	27
16	102.16 SFB 26	BSP 3/4	53	129	36
06	102.06 SNB 13	NPT 1/4	22	61	20
07	102.07 SNB 13	NPT 1/4	22	61	20
09	102.09 SNB 17	NPT 3/8	28	74	24
12	102.12 SNB 21	NPT 1/2	44	103	27
16	102.16 SNB 26	NPT 3/4	53	129	36

rtc TYPE 102

Standard hose tail socket / Kupplung mit gerader Standard - Schlauchtülle



Socket / Kupplung



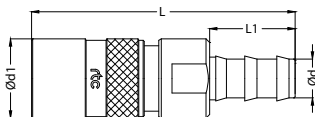
Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
06	102.06 SHB 10	10	22	78.5	28	20
07	102.07 SHB 10	10	22	78.5	28	20
09	102.09 SHB 13	13	28	115	28	24

rtc TYPE 102

Push to connect hose tail socket / Kupplung mit gerader Schnellsteck - Schlauchtülle



Socket / Kupplung



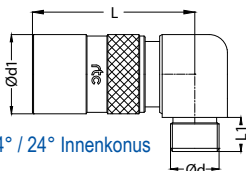
Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
06	102.06 SPB 10	10	22	74.5	24	20
07	102.07 SPB 10	10	22	74.5	24	20
09	102.09 SPB 13	13	28	115	28	24

rtc TYPE 102

Push to connect hose tail socket / Kupplung mit gerader Schnellsteck - Schlauchtülle



Socket / Kupplung



Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
06	102.06 SMB 1615-10 90	M16x1.5	22	56.5	11	20
07	102.07 SMB 1615-10 90	M16x1.5	22	56.5	11	20
09	102.09 SMB 1815-12 90	M18x1.5	28	88	11	24

Con. 24° / 24° Innenkonus



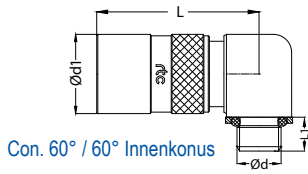
Cylindrical male thread socket 90° / Kupplung mit 90° Aussengewinde zylindrisch

TYPE 102



Socket / Kupplung

Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
06	102.06 SOB 13 90	BSP 1/4	22	56.5	11	20
07	102.07 SOB 13 90	BSP 1/4	22	56.5	11	20
09	102.09 SOB 17 90	BSP 3/8	28	88	12	24



Con. 60° / 60° Innenkonus



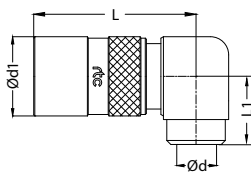
Cylindrical female thread socket 90° / Kupplung mit 90° Innengewinde zylindrisch

TYPE 102



Socket / Kupplung

Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
06	102.06 SFB 13 90	BSP 1/4	22	56.5	24	20
07	102.07 SFB 13 90	BSP 1/4	22	56.5	24	20
09	102.09 SFB 17 90	BSP 3/8	28	88.5	26	24



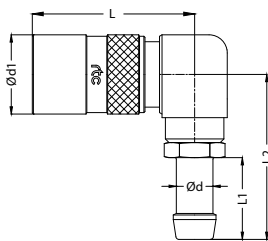
Standard hose tail socket 90° / Kupplung mit 90° Standard - Schlauchtülle

TYPE 102



Socket / Kupplung

Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	L2	HEX.
06	102.06 SHB 10 90	10	22	55.5	28	58.5	20
07	102.07 SHB 10 90	10	22	55.5	28	58.5	20
09	102.09 SHB 13 90	13	28	57	28	66.5	24



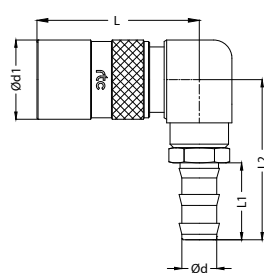
Push to connect hose tail socket 90° / Kupplung mit 90° Schnellsteck - Schlauchtülle

TYPE 102



Socket / Kupplung

Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	L2	HEX.
06	102.06 SPB 10 90	10	22	55.5	24	54.5	20
07	102.07 SPB 10 90	10	22	55.5	24	54.5	20
09	102.09 SPB 13 90	13	28	57	28	66.5	24



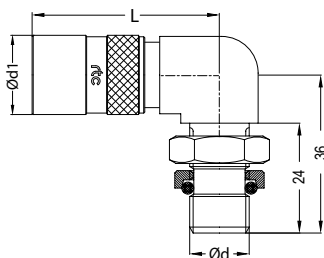
Cylindrical male thread socket 90° / Kupplung mit 90° Aussengewinde zylindrisch

TYPE 102



Socket / Kupplung

Size Größe	Order No / Bestellnr.	Ød	L	HEX.
06	102.06 SOB 13x24-90	BSP 1/4	49.5	21
07	102.07 SOB 13x24-90	BSP 1/4	49.5	21



rtc TYPE 102

Female thread plug / Nippel mit Innengewinde



Plugs / Nippel	Size Größe	Order No / Bestellnr.	Ød	L	HEX.
	06	102.06 PFB 13	BSP 1/4	55	17
	07	102.07 PFB 13	BSP 1/4	55	17
	09	102.09 PFB 17	BSP 3/8	71	23
	09	102.09 PNB 17	NPT 3/8	71	23
	12	102.12 PFB 21	BSP 1/2	90	30
	12	102.12 PNB 21	NPT 1/2	90	30
	16	102.16 PFB 26	BSP 3/4	105	38
	16	102.16 PNB 26	NPT 3/4	105	38

rtc TYPE 102

Cylindrical male thread plug / Nippel mit Aussengewinde zylindrisch



Plugs / Nippel	Size Größe	Order No / Bestellnr.	Ød	L	L1	HEX.
	06	102.06 POB 13	BSP 1/4	54	10	17
	06	102.06 POB 17	BSP 3/8	54.5	10	21
	07	102.07 POB 13	BSP 1/4	54	10	17
	07	102.07 POB 17	BSP 3/8	54.5	10	21
	09	102.09 POB 17	BSP 3/8	67	13	23
	12	102.12 POB 21	BSP 1/2	85	14	30
	16	102.16 POB 26	BSP 3/4	101	19	38

rtc TYPE 102

Conical male thread plug / Nippel mit Aussengewinde konisch



Plugs / Nippel	Size Größe	Order No / Bestellnr.	Ød	L	L1	HEX.
	06	102.06 PRB 13	BSPT 1/4	54	11	17
	07	102.07 PRB 13	BSPT 1/4	54	11	17
	09	102.09 PRB 17	BSPT 3/8	56	12	23
	12	102.12 PRB 21	BSPT 1/2	74	14	30

rtc TYPE 102

Conical male thread plug / Nippel mit Aussengewinde konisch



Plugs / Nippel	Size Größe	Order No / Bestellnr.	Ød	L	L1	HEX.
	06	102.06 PTB 13	NPT 1/4	40	11	17
	07	102.07 PTB 13	NPT 1/4	40	11	17
	09	102.09 PTB 17	NPT 3/8	67	11	23
	12	102.12 PTB 21	NPT 1/2	89	14	30

rtc TYPE 102

Cylindrical male thread plug extension / Verlängerungsnippel mit Aussengewinde zylindrisch



Plugs / Nippel	Size Größe	Order No / Bestellnr.	Ød	L	L1	HEX.
	06	102.06 POB 13x80	BSP 1/4	82	10	17
	06	102.06 POB 13x110	BSP 1/4	110	10	17
	07	102.07 POB 13x80	BSP 1/4	82	10	17
	07	102.07 POB 13x110	BSP 1/4	110	10	17

rtc TYPE 102

Cylindrical male thread plug 90° / Nippel mit 90° Aussengewinde zylindrisch



Plugs / Nippel	Size Größe	Order No / Bestellnr.	Ød	L	HEX.
	06	102.06 POB 13-90	BSP 1/4	45	17
	07	102.07 POB 13-90	BSP 1/4	45	17

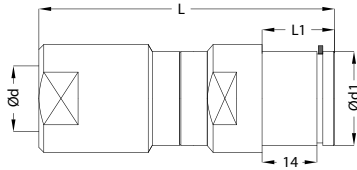


Female thread manifold socket / Kupplung mit Innengewinde

TYPE M102



Socket / Kupplung



Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
06	M 102.06 SFB 13	BSP 1/4	18	59	18.5	20
09	M 102.09 SFB 17	BSP 3/8	24	75.5	18.5	27
09	M 102.09 SFB 21	BSP 1/2	24	75.5	18.5	27

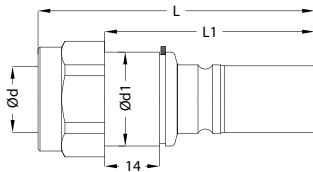


Female thread manifold plug / Nippel mit Innengewinde

TYPE M102



Plugs / Nippel



Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
06	M 102.06 PFB 13	BSP 1/4	18	54	44.5	19
09	M 102.09 PFB 17	BSP 3/8	24	71	53.5	27
09	M 102.09 PFB 21	BSP 1/2	24	71	53.5	27

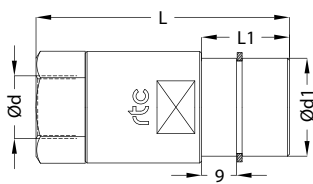


Female thread manifold socket / Manifold Kupplung mit Innengewinde

TYPE 102.08



Socket / Kupplung



Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
08	102.08 SFB 13	BSP 1/4	26	67	23.5	26
08	102.08 SFB 17	BSP 3/8	26	67	23.5	26

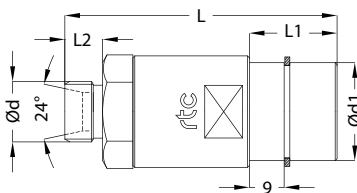


Female thread manifold plug / Manifold Nippel mit Innengewinde

TYPE 102.08



Plugs / Nippel



Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	L2
08	102.08 SPB 10	10	26	84	23.5	60
08	102.08 SPB 13	13	26	88	23.5	60

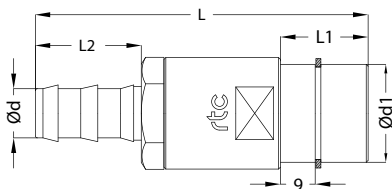


Female thread manifold plug / Manifold Nippel mit Innengewinde

TYPE 102.08



Plugs / Nippel



Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	L2
08	102.08 SPB 10	10	26	84	23.5	60
08	102.08 SPB 13	13	26	88	23.5	60

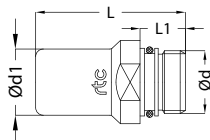


Female thread manifold plug / Manifold Nippel mit Innengewinde

TYPE 102.08



Plugs / Nippel



Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
08	102.08 POB 17	BSP 3/8	17.5	39.5	12	20