



rtc[®]

COUPLING TECHNOLOGY



108

rtc TYPE

One hand Connection
Push-pull Disconnection

Ein-Hand Kuppeln
Push-Pull Lösen



Temperature Range

-20°C +100°C (-4°F +212°F) Nitril (N)
-10°C +200°C (+14°F +392°F) FPM (V)

Max. Working Pressure

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

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 Stainless Steel

Sleeve Stainless Steel
Valve Stainless Steel

Locking Ring Stainless Steel

Balls Stainless Steel
Seals FKM (V)

Plug Stainless Steel
Back part Nippel Stainless Steel

Standard version

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

Options

E EPDM Seal
W FFKM Seal

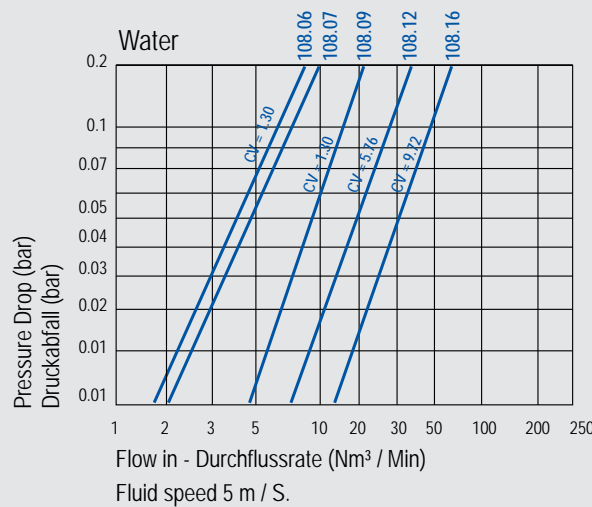
RED Colour coding
BLUE

Using Area

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



Flow Rate vs Pressure Drop Graph



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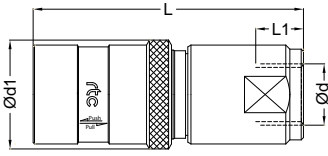
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Cylindrical female thread socket / Kupplung mit Innengewinde zylindrisch



Socket

Size	Order No	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



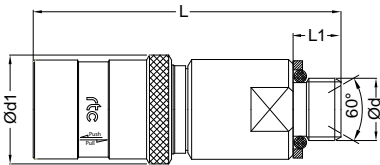
rtc TYPE 108

Cylindrical Male thread socket / Kupplung mit Aussengewinde zylindrisch



Socket

Size	Order No	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



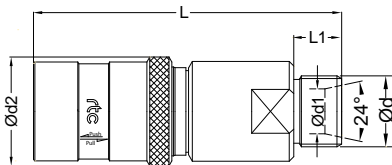
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Male thread socket / Kupplung mit Aussengewinde



Socket

Size	Order No	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



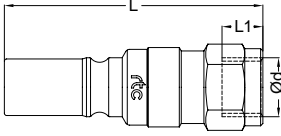
Male threaded socket for hydraulic pipes with 24° taper according to ISO 8434-1 (type: S)



Cylindrical female thread plug / Nippel mit Innengewinde zylindrisch

TYPE 108



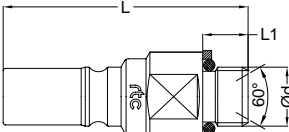
Plug	Size	Order No	Ød	L	L1	HEX.
	06	108.06 PFB 13	BSP 1/4"	59	10	17
	06	108.06 PFB 17	BSP 3/8"	61	11	21
	06	108.06 PNB 13	NPT 1/4"	58	10	17
	09	108.09 PFB 17	BSP 3/8"	71	11	23
	09	108.09 PNB 17	NPT 3/8"	70	11	23
	12	108.12 PFB 21	BSP 1/2"	90	14	30
	12	108.12 PNB 21	NPT 1/2"	90	14	30
	16	108.16 PFB 26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



Cylindrical Male thread plug / Nippel mit Aussengewinde zylindrisch

TYPE 108



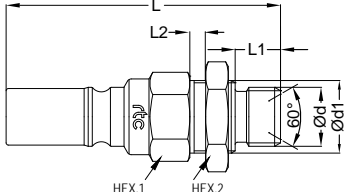
Plug	Size	Order No	Ød	L	L1	HEX.
	06	108.06 POB 13	BSP 1/4	54	10	17
	09	108.09 POB 17	BSP 3/8	67	11	23
	12	108.12 POB 21	BSP 1/2	85	14	30
	16	108.16 POB 26	BSP 3/4	101	17	38
	16	108.16 POB 33	BSP 1	106	20	41



Panel Mounting Male Threaded Plug / Nippel mit Aussengewinde Schott

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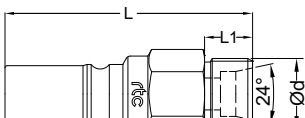
Plug	Size	Order No	Ød	Ød1	L	L1	L2	HEX.1	HEX.2
	06	108.06 PMBP 13	BSP 1/4	16.5	61	11	4	17	21
	09	108.09 PMBP 17	BSP 3/8	22.5	72	12	4	23	27
	12	108.12 PMBP 21	BSP 1/2	28.5	96	14	6	30	34
	16	108.16 PMBP 26	BSP 3/4	36.5	112	16	5	38	46



Male thread plug / Nippel mit Aussengewinde

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Plug	Size	Order No	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

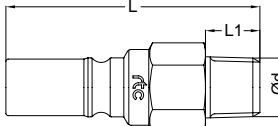
Male threaded plug for hydraulic pipes with 24° taper according to ISO 8434-1 (type: S)



NPT male thread plug / Nippel mit Aussengewinde NPT

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Plug	Size	Order No	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