

Temperature Range - Temperaturbereich

Nitrile (N)	-20°C +100°C (- 4°F +212°F)
FPM (V)	-10°C +180°C (+14°F +356°F)
EPDM (E)	-20°C +150°C (- 40°F +302°F)
FFKM (W)	0°C +300°C (- 40°F +572°F)
FMQ (SN)	-40°C +175°C (- 40°F +347°F)

Max. Working Pressure - Max. Betriebsdruck

rtc 123.03	500 bar (7.250 PSI)
rtc 123.05	300 bar (4.350 PSI)
rtc 123.08	250 bar (3.625 PSI)

Flow size - Nennweiten

rtc 123.03	3 mm
rtc 123.05	5 mm
rtc 123.08	8 mm

Material

Socket Body - Kupplungsgrundkörper	AISI 316L Stainless Steel - AISI 316L Edelstahl
Sleeve - Hülse	AISI 316L Stainless Steel - AISI 316L Edelstahl
Valve - Ventil	AISI 316L Stainless Steel - AISI 316L Edelstahl
Seals - Dichtungen	Nitrile (N)

Plug & Back Part - Nippel & Hinterteil	AISI 316L Stainless Steel - AISI 316L Edelstahl
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Using Area

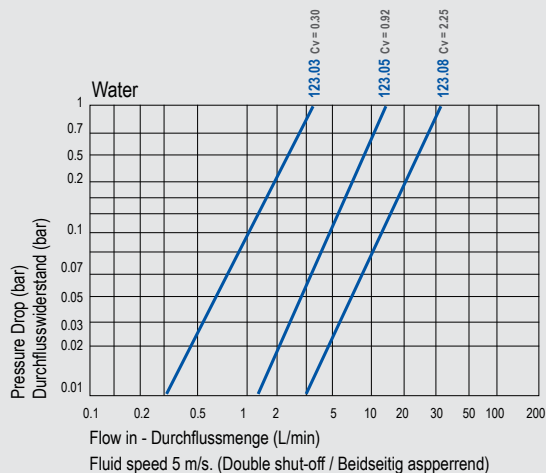
- On temperature regulation applications with hot or cold water, oil etc.
- On steam line.
- Chemical Industry
- Textile Industry

Anwendungsbereiche

- Zuleitung für die Temperierung / Druckluft
- Kunststoffindustrie
- Pharma Industrie
- Textil Industrie



Flow Rate vs Pressure Drop Graph / Durchflussrate vs Druckabfall



TYPE 123

Female thread socket / Kupplung mit Innengewinde



Socket / Kupplung

Size
Größe

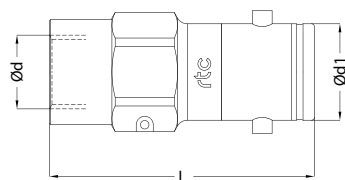
Order No / Bestellnr.

Ød

Ød1

L

HEX.



03

123.03 SFB 10
123.03 SNB 10
123.03 SUB 1024

BSP 1/8
NPT 1/8
UNF 3/8-24

13
13
13

47
45
47

14
14
14

05

123.05 SFB 13
123.05 SNB 13
123.05 SUB 1320

BSP 1/4
NPT 1/4
UNF 1/2-20

17
17
17

47
47
45

19
19
19

08

123.08 SFB 17
123.08 SNB 17
123.08 SUB 1916

BSP 3/8
NPT 3/8
UNF 3/4-16

23
23
23

50
50
51

27
27
27

TYPE 123

Male thread socket with 60° sealing cone / Kupplung mit Aussengewinde 60° Dichtkonus



Socket / Kupplung

Size
Größe

Order No / Bestellnr.

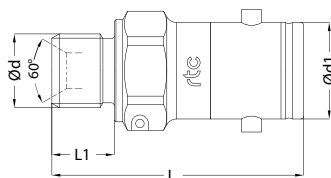
Ød

Ød1

L

L1

HEX.



03

123.03 SMB 10
123.03 STB 10

BSP 1/8
NPT 1/8

13
13

46
48

8
10

14
14

05

123.05 SMB 13
123.05 STB 13

BSP 1/4
NPT 1/4

17
17

45
48

11
14

19
19

08

123.08 SMB 17
123.08 STB 17

BSP 3/8
NPT 3/8

23
23

50
53

12
15

27
27

TYPE 123

UNF Male thread socket with 37° sealing cone / Kupplung mit UNF Aussengewinde 37° Dichtkonus



Socket / Kupplung

Size
Größe

Order No / Bestellnr.

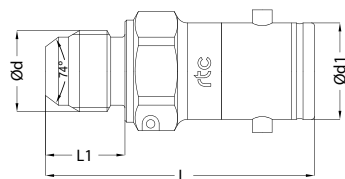
Ød

Ød1

L

L1

HEX.



03

123.03 SJB 1024

UNF 3/8-24

13

50

12

14

05

123.05 SJB 1418

UNF 9/16-18

17

48

14

19

08

123.08 SJB 1916

UNF 3/4-16

23

54

16

27

TYPE 123

Socket with Stainless steel tube connection / Kupplung mit Edelstahlrohranschluss



Socket / Kupplung

Size
Größe

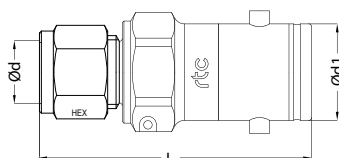
Order No / Bestellnr.

Ød

Ød1

L

HEX.



03

123.03 SIB 06
123.03 SIB 0635

6 mm
1/4"

13
13

56
55

14
14

05

123.05 SIB 08
123.05 SIB 0950

8 mm
3/8"

17
17

52
54

17
19

08

123.08 SIB 12
123.08 SIB 1270

12 mm
1/2"

23
23

60
59

22
22



Female thread plug / Nippel mit Innengewinde

TYPE 123

Plug / Nippel	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	HEX.
	03	123.03 PFB 10	BSP 1/8	17	52	14
		123.03 PNB 10	NPT 1/8	17	50	14
		123.03 PUB 1024	UNF 3/8-24	17	53	14
	05	123.05 PFB 13	BSP 1/4	22	61	19
		123.05 PNB 13	NPT 1/4	22	61	19
		123.05 PUB 1320	UNF 1/2-20	22	61	19
	08	123.08 PFB 17	BSP 3/8	29	68	22
		123.08 PNB 17	NPT 3/8	29	66	22
		123.08 PUB 1916	UNF 3/4-16	29	70	22



Male thread plug with 60° sealing cone / Nippel mit Aussengewinde 60° Dichtkonus

TYPE 123

Plug / Nippel	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	03	123.03 PMB 10	BSP 1/8	29	43	8	14
		123.03 PTB 10	NPT 1/8	29	45	10	14
	05	123.05 PMB 13	BSP 1/4	35	48	11	19
		123.05 PTB 13	NPT 1/4	35	51	14	19
	08	123.08 PMB 17	BSP 3/8	42	66	12	22
		123.08 PTB 17	NPT 3/8	42	69	15	22



UNF Male thread plug with 37° sealing cone / Nippel mit UNF Aussengewinde 37° Dichtkonus

TYPE 123

Plug / Nippel	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	03	123.03 PJB 1024	UNF 3/8-24	29	47	12	14
	05	123.05 PJB 1418	UNF 9/16-18	35	51	14	19
	08	123.08 PJB 1916	UNF 3/4-16	42	60	16	22



Plug with Stainless steel tube connection / Nippel mit Edelstahlrohranschluss

TYPE 123

Plug / Nippel	Size Größe	Order No / Bestellnr.	Ød	Ød1	L	HEX.
	03	123.03 PIB 06	6 mm	13	56	14
		123.03 PIB 0635	1/4"	13	55	14
	05	123.05 PIB 08	8 mm	17	52	17
		123.05 PIB 0950	3/8"	17	54	19
	08	123.08 PIB 12	12 mm	23	60	22
		123.08 PIB 1270	1/2"	23	59	22

Dust cup for socket and plug / Staubkappe für Kupplung und Nippel

TYPE 123

Dust cup / Staubkappe	Size Größe	Order No / Bestellnr.
	03	123.03 PD 00
	05	123.05 PD 00
	08	123.08 PD 00

Dust cup / Staubkappe	Size Größe	Order No / Bestellnr.
	03	123.03 SD 00
	05	123.05 SD 00
	08	123.08 SD 00