



rtc[®]

COUPLING TECHNOLOGY

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461.11

rtc TYPE





Compatible

rtc	170.11
rtc	171.11
rtc	173.11
rtc	450.11
rtc	451.11

Temperature Range

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

25 Bar (360 PSI)

Connction / Disconnection Max. Pressure

15 Bar (220 PSI)

Flow size

rtc type 461.11 11mm (1/2")

Standard version

Seals - Dichtung : Nitrile (N)

Material of Standard Coupler

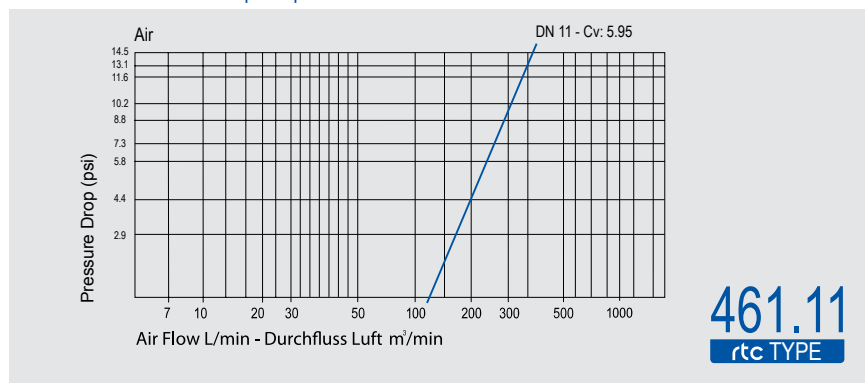
Body / Housing - Kupplungsgrundkörper/Gehäuse	Steel tenifer threaded Stahl teneferiert
Inner Part / Cylinder -	Surface hardened steel Zinc-nickel plated
Innenteil / Zylinder	Stahl gehärtet, Zink-Nickel beschichtet
Back Part - Hinterteil	Steel zinc plated - Stahl verzinkt
Sleeve -	Steel zinc nickel plated & orange painted
Hülse	Stahl Zink-Nickel Beschichtet und orange lackiert
Springs - Federn	Stainless steel - Edelstahl
Seals - Dichtungen	Nitrile (N)
Plug - Nippel	Steel tenifer threaded Stahl teneferiert

Advantages

- The system perfectly fits to the ISO 4414, EN 983 safety requirements.
- Plug profile perfectly fits to the ISO 6150-C-17, AFNOR C-17 NF E 49-053
- Through flow, minimum pressure loss.
- Negligible Connecting Force
- Smart and Ergonomic features
- Ease of Handling
- Optimised Size



Flow Rate vs Pressure Drop Graph



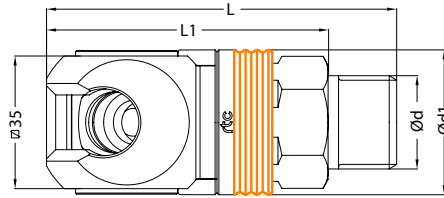
461.11
rtc TYPE

rtc TYPE 461.11

Male thread socket / Kupplung mit Aussengewinde



Socket / Kupplung



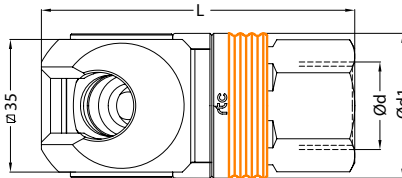
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
11	R205 00 135	461.11 SMO 17	BSP 3/8	38	81.5	70.5	30
11	R205 00 136	461.11 SMO 21	BSP 1/2	38	82.5	70.5	30
11	R205 00 137	461.11 SMO 26	BSP 3/4	38	85.5	70.5	30
11	R205 00 141	461.11 STO 17	NPT 3/8	38	85.5	70.5	30
11	R205 00 142	461.11 STO 21	NPT 1/2	38	88.5	70.5	30
11	R205 00 143	461.11 STO 26	NPT 3/4	38	89.5	70.5	30

rtc TYPE 461.11

Female thread socket / Kupplung mit Innengewinde



Socket / Kupplung



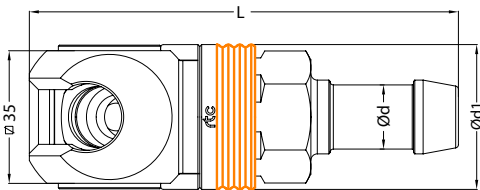
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
11	R205 00 132	461.11 SFO 17	BSP 3/8	38	79	-	30
11	R205 00 133	461.11 SFO 21	BSP 1/2	38	80.5	-	30
11	R205 00 134	461.11 SFO 26	BSP 3/4	38	83.5	-	32
11	R205 00 138	461.11 SNO 17	NPT 3/8	38	79	-	30
11	R205 00 139	461.11 SNO 21	NPT 1/2	38	80.5	-	30
11	R205 00 140	461.11 SNO 26	NPT 3/4	38	83.5	-	32

rtc TYPE 461.11

Socket with hose barb / Kupplung mit Schlauchanschluss



Socket / Kupplung



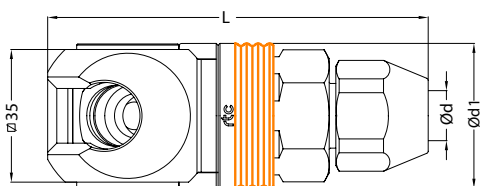
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
11	-	461.11 SHO 10	Ø10 - 3/8	38	96.5	-	-
11	R205 00 737	461.11 SHO 13	Ø13 - 1/2	38	96.5	-	-
11	-	461.11 SHO 16	Ø16 - 5/8	38	96.5	-	-

rtc TYPE 461.11

Socket with plastic hose connection / Kupplung mit Kunststoffschlauchanschluss

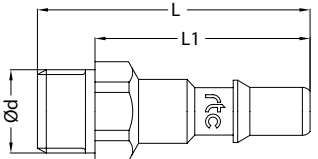


Socket / Kupplung



Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
11	-	461.11 SVO 0812	8x12	38	93	-	22
11	-	461.11 SVO 1116	11x16	38	93	-	27

Plug with male thread / Nippel mit Aussengewinde TYPE 461.11 

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	11	R255 00 131	461.11 PMF 17	BSP 3/8	-	63	51	19
	11	R255 00 132	461.11 PMF 21	BSP 1/2	-	68	53	24
	11	R255 00 133	461.11 PMF 26	BSP 3/4	-	70	53	30
	11	R255 00 137	461.11 PTF 17	NPT 3/8	-	62	51	19
	11	R255 00 138	461.11 PTF 21	NPT 1/2	-	67	50	24
	11	R255 00 139	461.11 PTF 26	NPT 3/4	-	70	51	27

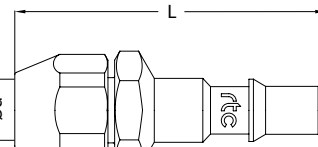
Plug with female thread / Nippel mit Innengewinde TYPE 461.11 

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	11	R255 00 128	461.11 PFF 17	BSP 3/8	-	62	-	22
	11	R255 00 129	461.11 PFF 21	BSP 1/2	-	66	-	27
	11	R255 00 130	461.11 PFF 26	BSP 3/4	-	69	-	32
	11	R255 00 134	461.11 PNF 17	NPT 3/8	-	62	-	22
	11	R255 00 135	461.11 PNF 21	NPT 1/2	-	67	-	27
	11	R255 00 136	461.11 PNF 26	NPT 3/4	-	69	-	32

Plug with hose barb / Nippel mit Schlauchanschluss TYPE 461.11 

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	11	-	461.11 PHF 06	Ø6 - 1/8	19	67.5	-	-
	11	-	461.11 PHF 08	Ø8 - 1/4	19	67.5	-	-
	11	R255 00 140	461.11 PHF 10	Ø10 - 3/8	19	70.5	-	-
	11	R255 00 141	461.11 PHF 13	Ø13 - 1/2	19	70.5	-	-
	11	R255 00 142	461.11 PHF 16	Ø16 - 5/8	21	72	-	-
	11	R255 00 143	461.11 PHF 19	Ø19 - 3/4	23	85	-	-

Plug with plastic hose connection / Nippel mit Kunststoffschlauchanschluss TYPE 461.11 

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	11	-	461.11 PVF 0812	8x12	-	72	-	22
	11	-	461.11 PVF 1116	11x16	-	76	-	27