



# rtc<sup>®</sup>

COUPLING TECHNOLOGY  
[www.rtc-tec.com](http://www.rtc-tec.com)



## 460.11

rtc TYPE



**Compatible**

Ind. Interchange	1/2
rtc	037
Cejn	550
Parker	17
Rectus	37
Foster	5205
AMFLO	C10
Hansen	520

**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 460.11 11mm (1/2")

**Standard version**

Seals - Dichtung : Nitrile (N)

**Material of Standard Coupler (steel)**

Body / Housing - Kupplungsgrundkörper/Gehäuse	Steel tenifer threated Stahl Ttneferiert
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 -	Surface hardened steel, galvanized
Nippel	Stahl gehärtet, verzinkt

**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, US MIL C-4109**
- Through flow, minimum pressure loss.
- Negligible Connecting Force
- Smart and Ergonomic features
- Ease of Handling
- Optimised Size

**Brass Version (MS)**

- Corrosion and ozone proof
- Suitable for internal and external applications

**Messing Version (MS)**

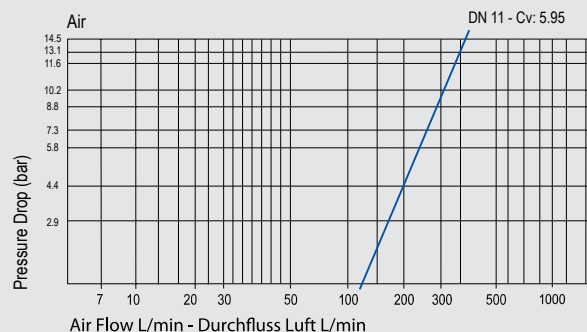
- Korrosion- und ozonbeständig
- Geeignet für Innen- und Aussenanwendungen

**Material of Coupler (Brass - HB type)**

Body / Housing - Kupplungsgrundkörper/Gehäuse	Brass nickel plated - Messing vernickelt
Inner Part / Cylinder - Innenteil / Zylinder	Aluminium Aluminum
Back Part - Hinterteil	Brass nickel plated - Messing vernickelt
Sleeve - Hülse	Brass nickel plated - Messing vernickelt
Springs - Federn	Stainless steel - Edelstahl
Seals - Dichtungen	FPM (V)
Plug - Nippel	Stainless steel - Edelstahl



**Flow Rate vs Pressure Drop Graph**



**460.11**  
rtc TYPE

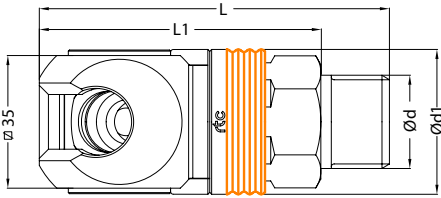
rtc TYPE 460.11

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 00 106	460.11 SMO 17	BSP 3/8	38	81.5	70.5	30
11	R205 00 107	460.11 SMO 21	BSP 1/2	38	82.5	70.5	30
11	R205 00 108	460.11 SMO 26	BSP 3/4	38	85.5	70.5	30
11	R205 00 112	460.11 STO 17	NPT 3/8	38	85.5	70.5	30
11	R205 00 113	460.11 STO 21	NPT 1/2	38	88.5	70.5	30
11	R205 00 114	460.11 STO 26	NPT 3/4	38	89.5	70.5	30
11	-	460.11 SMO 17 MS	BSP 3/8	38	81.5	70.5	30
11	R205 00 743	460.11 SMO 21 MS	BSP 1/2	38	82.5	70.5	30
11	R205 00 744	460.11 SMO 26 MS	BSP 3/4	38	85.5	70.5	30
11	-	460.11 STO 17 MS	NPT 3/8	38	85.5	70.5	30
11	R205 00 745	460.11 STO 21 MS	NPT 1/2	38	88.5	70.5	30
11	R205 00 746	460.11 STO 26 MS	NPT 3/4	38	89.5	70.5	30



\*MS: Brass / Messing

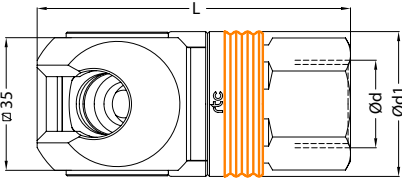
rtc TYPE 460.11

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 00 103	460.11 SFO 17	BSP 3/8	38	79	-	30
11	R205 00 104	460.11 SFO 21	BSP 1/2	38	80.5	-	30
11	R205 00 105	460.11 SFO 26	BSP 3/4	38	83.5	-	32
11	R205 00 109	460.11 SNO 17	NPT 3/8	38	79	-	30
11	R205 00 110	460.11 SNO 21	NPT 1/2	38	80.5	-	30
11	R205 00 111	460.11 SNO 26	NPT 3/4	38	83.5	-	32
11	-	460.11 SFO 17 MS	BSP 3/8	38	79	-	30
11	R205 00 685	460.11 SFO 21 MS	BSP 1/2	38	80.5	-	30
11	R205 00 684	460.11 SFO 26 MS	BSP 3/4	38	83.5	-	32
11	-	460.11 SNO 17 MS	NPT 3/8	38	79	-	30
11	R205 00 687	460.11 SNO 21 MS	NPT 1/2	38	80.5	-	30
11	R205 00 686	460.11 SNO 26 MS	NPT 3/4	38	83.5	-	32



\*MS: Brass / Messing

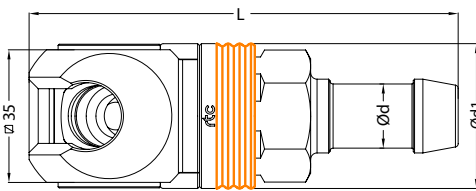
rtc TYPE 460.11

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	-	460.11 SHO 10	Ø10 - 3/8	38	96.5	-	-
11	R205 00 712	460.11 SHO 13	Ø13 - 1/2	38	96.5	-	-
11	-	460.11 SHO 16	Ø16 - 5/8	38	96.5	-	-
11	-	460.11 SHO 10 MS	Ø10 - 3/8	38	96.5	-	-
11	-	460.11 SHO 13 MS	Ø13 - 1/2	38	96.5	-	-
11	-	460.11 SHO 16 MS	Ø16 - 5/8	38	96.5	-	-



\*MS: Brass / Messing

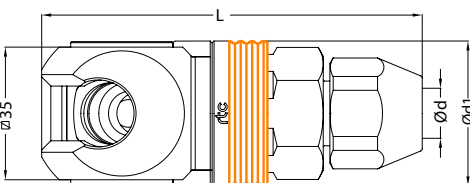
rtc TYPE 460.11

Socket with plastic hose connection / Kupplung mit Kunststoffschlauchanschluss



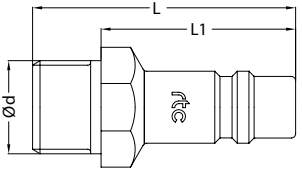
Socket / Kupplung

Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
11	-	460.11 SVO 0812	8x12	38	93	-	22
11	-	460.11 SVO 1116	11x16	38	93	-	27
11	-	460.11 SVO 1318	13x18	38	93	-	27
11	-	460.11 SVO 0812 MS	8x12	38	93	-	22
11	-	460.11 SVO 1116 MS	11x16	38	93	-	27
11	-	460.11 SVO 1318 MS	13x18	38	93	-	27



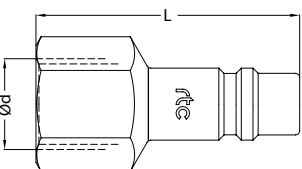
\*MS: Brass / Messing

Plug with male thread / Nippel mit Aussengewinde TYPE 460.11 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No / Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	11	R255 00 074	460.11 PMF 17	BSP 3/8	-	56	45	19
	11	R255 00 075	460.11 PMF 21	BSP 1/2	-	59	45	24
	11	R255 00 290	460.11 PMF 26	BSP 3/4	-	60	45	27
	11	R255 00 277	460.11 PTF 17	NPT 3/8	-	57	45	19
	11	R255 00 278	460.11 PTF 21	NPT 1/2	-	62	45	24
	11	R255 00 291	460.11 PTF 26	NPT 3/4	-	64	45	27
	11	R355 00 250	460.11 PMF 17 S3	BSP 3/8	-	56	45	19
	11	R355 00 075	460.11 PMF 21 S3	BSP 1/2	-	59	45	24
	11	R355 00 327	460.11 PMF 26 S3	BSP 3/4	-	60	45	27
	11	-	460.11 PTF 17 S3	NPT 3/8	-	57	45	19
	11	R355 00 328	460.11 PTF 21 S3	NPT 1/2	-	62	45	24
	11	R355 00 253	460.11 PTF 26 S3	NPT 3/4	-	64	45	27

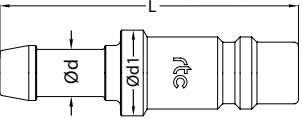
\*S3: Stainless Steel / Edelstahl

Plug with female thread / Nippel mit Innengewinde TYPE 460.11 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No / Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	11	R255 00 076	460.11 PFF 17	BSP 3/8	-	59	-	19
	11	R255 00 077	460.11 PFF 21	BSP 1/2	-	61	-	27
	11	R255 00 078	460.11 PFF 26	BSP 3/4	-	63	-	32
	11	R255 00 279	460.11 PNF 17	NPT 3/8	-	59	-	19
	11	R255 00 280	460.11 PNF 21	NPT 1/2	-	61	-	27
	11	R255 00 292	460.11 PNF 26	NPT 3/4	-	63	-	32
	11	R355 00 076	460.11 PFF 17 S3	BSP 3/8	-	59	-	19
	11	R355 00 077	460.11 PFF 21 S3	BSP 1/2	-	61	-	27
	11	R355 00 078	460.11 PFF 26 S3	BSP 3/4	-	63	-	32
	11	-	460.11 PNF 17 S3	NPT 3/8	-	59	-	19
	11	R355 00 255	460.11 PNF 21 S3	NPT 1/2	-	61	-	27
	11	R355 00 256	460.11 PNF 26 S3	NPT 3/4	-	63	-	32

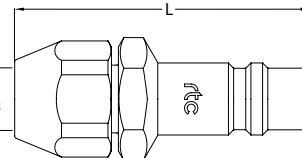
\*S3: Stainless Steel / Edelstahl

Plug with hose barb / Nippel mit Schlauchanschluss TYPE 460.11 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No / Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	11	R255 00 079	460.11 PHF 10	Ø10 - 3/8	18	62	-	-
	11	R255 00 080	460.11 PHF 13	Ø13 - 1/2	20	68	-	-
	11	R255 00 081	460.11 PHF 16	Ø16 - 5/8	22	79	-	-
	11	R355 00 079	460.11 PHF 10 S3	Ø10 - 3/8	18	62	-	-
	11	R355 00 080	460.11 PHF 13 S3	Ø13 - 1/2	20	68	-	-
	11	R355 00 081	460.11 PHF 16 S3	Ø16 - 5/8	22	79	-	-

\*S3: Stainless Steel / Edelstahl

Plug with plastic hose connection / Nippel mit Kunststoffschlussschlauchanschluss TYPE 460.11 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No / Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	11	-	460.11 PVF 0812	8x12	-	65	-	22
	11	-	460.11 PVF 1116	11x16	-	70	-	27
	11	-	460.11 PVF 1318	13x18	-	70	-	27

\*S3: Stainless Steel / Edelstahl