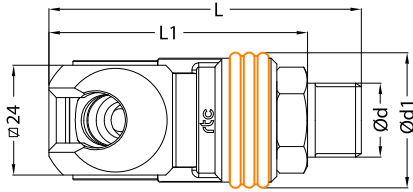


**rtc** TYPE 460.08

Male thread socket / Kupplung mit Aussengewinde



Socket / Kupplung



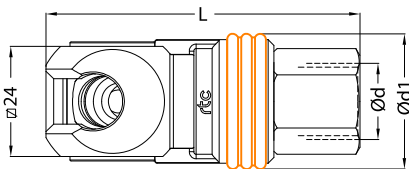
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
8	R205 00 028	460.08 SMO 13	BSP 1/4	30	68.5	57.5	20
8	R205 00 029	460.08 SMO 17	BSP 3/8	30	68.5	57.5	20
8	R205 00 045	460.08 SMO 21	BSP 1/2	30	70.5	58.5	22
8	R205 00 214	460.08 STO 13	NPT 1/4	30	69.5	57.5	20
8	R205 00 030	460.08 STO 17	NPT 3/8	30	70.5	56.5	20
8	R205 00 031	460.08 STO 21	NPT 1/2	30	77.5	58.5	22
8	R205 00 039	460.08 SRO 13	BSPT 1/4	30	69.5	57.5	20
8	R205 00 040	460.08 SRO 17	BSPT 3/8	30	70.5	56.5	20
8	R205 00 041	460.08 SRO 21	BSPT 1/2	30	77.5	58.5	22

**rtc** TYPE 460.08

Female thread socket / Kupplung mit Innengewinde



Socket / Kupplung



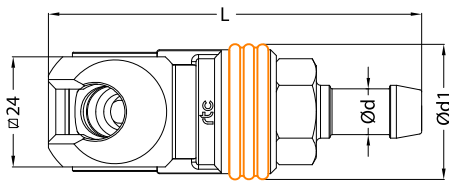
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
8	R205 00 023	460.08 SFO 13	BSP 1/4	30	68.5	-	20
8	R205 00 024	460.08 SFO 17	BSP 3/8	30	68.5	-	20
8	R205 00 025	460.08 SFO 21	BSP 1/2	30	69.5	-	24
8	R205 00 052	460.08 SNO 13	NPT 1/4	30	68.5	-	20
8	R205 00 026	460.08 SNO 17	NPT 3/8	30	68.5	-	20
8	R205 00 027	460.08 SNO 21	NPT 1/2	30	69.5	-	24
8	R205 00 046	460.08 SQO 13	BSPT 1/4	30	68.5	-	20
8	R205 00 047	460.08 SQO 17	BSPT 3/8	30	68.5	-	20
8	R205 00 048	460.08 SQO 21	BSPT 1/2	30	69.5	-	24

**rtc** TYPE 460.08

Socket with hose barb / Kupplung mit Schlauchanschluss



Socket / Kupplung



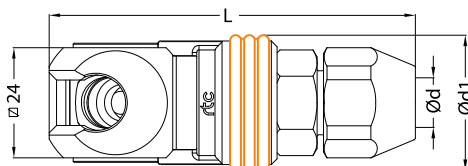
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
8	R205 00 083	460.08 SHO 08	Ø8 - 5/16	30	82	-	-
8	R205 00 084	460.08 SHO 10	Ø10 - 3/8	30	82	-	-
8	R205 00 085	460.08 SHO 13	Ø13 - 1/2	30	82	-	-

**rtc** TYPE 460.08

Socket with plastic hose connection / Kupplung mit Kunststoffschlauchanschluss

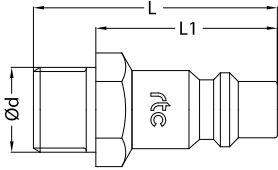


Socket / Kupplung

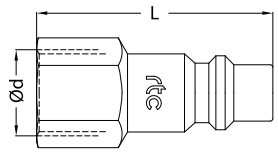


Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
8	R205 00 086	460.08 SVO 0610	6.5x10	30	69	-	22
8	R205 00 087	460.08 SVO 0812	8x12	30	69	-	22
8	R205 00 088	460.08 SVO 1116	11x16	30	75	-	27

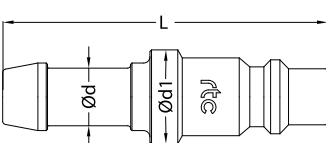
Plug with male thread / Nippel mit Aussengewinde TYPE 460.08 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	8	R255 00 041	460.08 PMF 13	BSP 1/4	-	46	35	17
	8	R255 00 042	460.08 PMF 17	BSP 3/8	-	46	35	19
	8	-	460.08 PMF 21	BSP 1/2	-	53	38	22
	8	R255 00 236	460.08 PTF 13	NPT 1/4	-	47	35	17
	8	R255 00 044	460.08 PTF 17	NPT 3/8	-	47	35	19
	8	R255 00 045	460.08 PTF 21	NPT 1/2	-	55	38	22

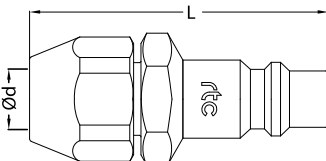
Plug with female thread / Nippel mit Innengewinde TYPE 460.08 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	8	R255 00 046	460.08 PFF 13	BSP 1/4	-	42	-	17
	8	R255 00 047	460.08 PFF 17	BSP 3/8	-	46.5	-	19
	8	R255 00 048	460.08 PFF 21	BSP 1/2	-	50	-	24
	8	R255 00 237	460.08 PNF 13	NPT 1/4	-	42	-	17
	8	R255 00 049	460.08 PNF 17	NPT 3/8	-	46.5	-	22
	8	R255 00 050	460.08 PNF 21	NPT 1/2	-	51	-	27

Plug with hose barb / Nippel mit Schlauchanschluss TYPE 460.08 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	8	R255 00 051	460.08 PHF 08	Ø8 - 5/16	16	54	-	-
	8	R255 00 052	460.08 PHF 10	Ø10 - 3/8	16	54	-	-
	8	R255 00 053	460.08 PHF 13	Ø13 - 1/2	16	54	-	-
	8	R255 00 054	460.08 PHF 16	Ø16 - 5/8	18	54	-	-

Plug with plastic hose connection / Nippel mit Kunststoffschlauchanschluss TYPE 460.08 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	8	-	460.08 PVF 0610	6.5x10		57		22
	8	R255 00 415	460.08 PVF 0812	8x12		57		22
	8	-	460.08 PVF 1116	11x16		65		27



# rtc<sup>®</sup>

COUPLING TECHNOLOGY



## 460.11

rtc TYPE



**Compatible - Kompatibilität**

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

**Temperature Range - Temperaturbereich**

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 - Betriebsdruck**

25 Bar (360 PSI)

**Connction / Disconnection Max. Pressure -**

**Ein- und Auskuppelbar bis Max. Druck**  
15 Bar (220 PSI)

**Flow size - Nennweite**

rtc type 460.11 11mm (1/2")

**Standard version - Standardversion**

Seals - Dichtung : Nitrile (N)

**Material of Standard Coupler (steel)**

**Material für die Standardversion (Stahl)**

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

**Vorteil**

- Sicherheit gemäß **ISO 4414, EN 983**
- Stecknippel gemäß **ISO 6150-C-17, AFNOR C-17 NF E 49-053, US MIL C-4109**
- Voller Durchgang, sehr geringer Druckverlust
- Einfache Bedienung, sehr geringe Kuppelkraft
- Kompakte Bauform

**Brass Version (MS)**

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

**Messing Version (MS)**

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

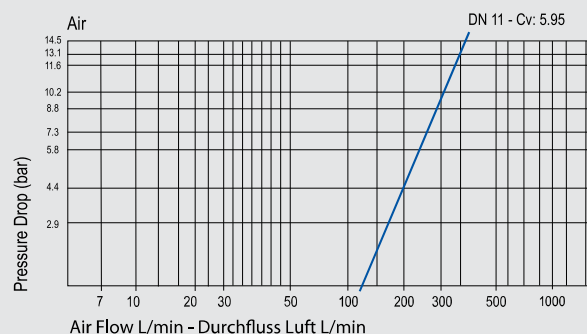
**Material of Coupler (Brass - HB type)**

**Material für die Kupplung (Messing - HB Typ.)**

Body / Housing - Kupplungsgrundkörper/Gehäuse	Brass nickel plated - Messing vernickelt
Inner Part / Cylinder - Innenteil / Zylinder	Aluminium Aluminum
Back Part - Hinterteil Sleeve - Hülse	Brass nickel plated - Messing vernickelt 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

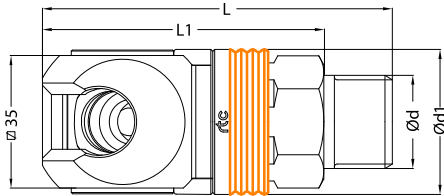
rtc TYPE 460.11

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

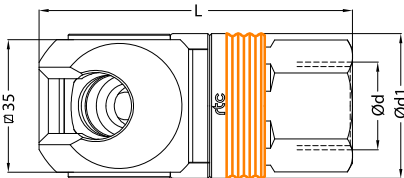
rtc TYPE 460.11

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

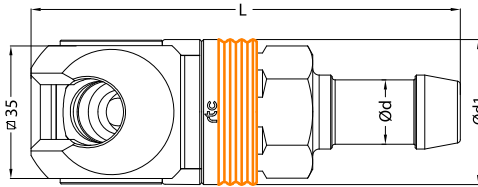
rtc TYPE 460.11

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

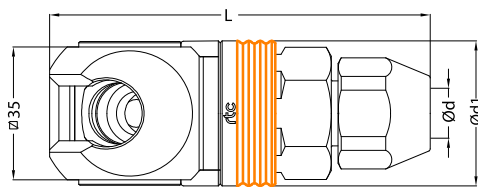
rtc TYPE 460.11

Socket with plastic hose connection / Kupplung mit Kunststoffschlauchanschluss



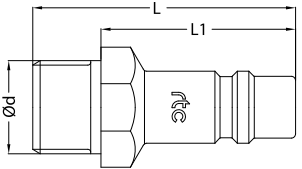
Socket / Kupplung

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



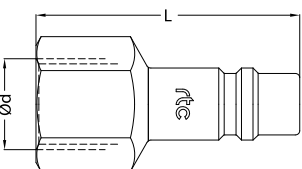
\*MS: Brass / Messing

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

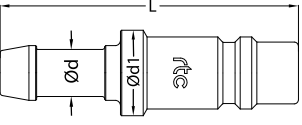
\*S3: Stainless Steel / Edelstahl

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

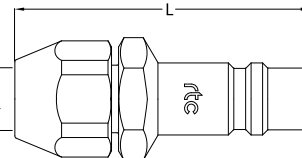
\*S3: Stainless Steel / Edelstahl

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 Kunststoffschlauchanschluss 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