

rtc[®]

COUPLING TECHNOLOGY



460.08

rtc TYPE





Compatible - Kompatibilität

Ind. Interchange	3/8
rtc	030
Cejn	430
Parker	25F
Rectus	30
Foster	4404
AMFLO	C26
Hansen	440

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 460.08 8mm (3/8")

Standard version - Standardversion

Seals - Dichtung : Nitrile (N)

Material of Standard Coupler / Material für die Standardversion

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

Advantages

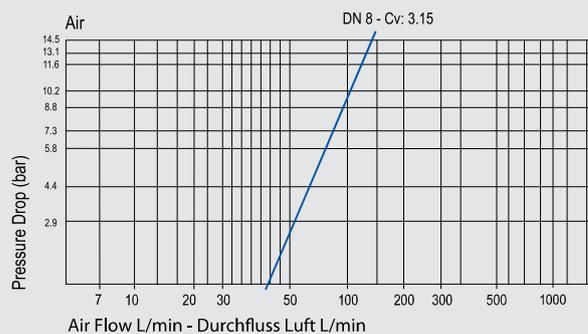
- The system perfectly fits to the **ISO 4414, EN 983** safety requirements.
- Plug profile perfectly fits to the **ISO 6150-B-15, AFNOR B-15 NF E 49-053, US MIL C-4109**
- Through flow, minimum pressure loss.
- Negligible Connecting Force
- Smart and Ergonomic features
- Ease of Handling
- Optimised Size

Vorteil

- Sicherheit gemäß **ISO 4414, EN 983**
- Stecknippel gemäß **ISO 6150-B-15, AFNOR B-15 NF E 49-053, US MIL C-4109**
- Voller Durchgang, sehr geringer Druckverlust
- Einfache Bedienung, sehr geringe Kuppelkraft
- Kompakte Bauform



Flow Rate vs Pressure Drop Graph



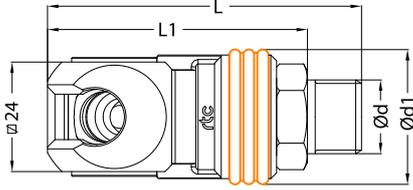
460.08
rtc TYPE

rtc TYPE 460.08

Male thread socket / Kupplung mit Aussengewinde



Socket / Kupplung



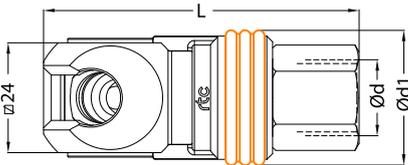
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
8	R205 00 028	460.08 SMO 13	BSP 1/4	30	68.5	57.5	20
8	R205 00 029	460.08 SMO 17	BSP 3/8	30	68.5	57.5	20
8	R205 00 045	460.08 SMO 21	BSP 1/2	30	70.5	58.5	22
8	R205 00 214	460.08 STO 13	NPT 1/4	30	69.5	57.5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



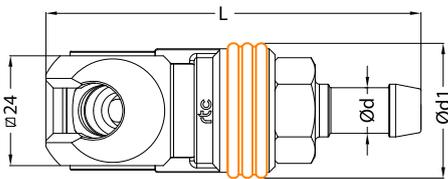
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
8	R205 00 023	460.08 SFO 13	BSP 1/4	30	68.5	-	20
8	R205 00 024	460.08 SFO 17	BSP 3/8	30	68.5	-	20
8	R205 00 025	460.08 SFO 21	BSP 1/2	30	69.5	-	24
8	R205 00 052	460.08 SNO 13	NPT 1/4	30	68.5	-	20
8	R205 00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



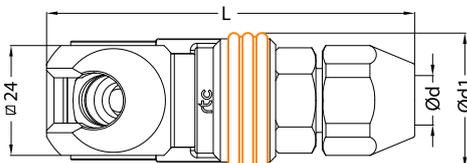
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
8	R205 00 083	460.08 SHO 08	Ø8 - 5/16	30	82	-	-
8	R205 00 084	460.08 SHO 10	Ø10 - 3/8	30	82	-	-
8	R205 00 085	460.08 SHO 13	Ø13 - 1/2	30	82	-	-

rtc TYPE 460.08

Socket with plastic hose connection / Kupplung mit Kunststoffschlauchanschluss

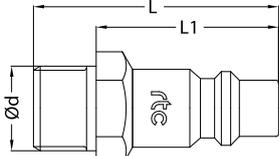


Socket / Kupplung

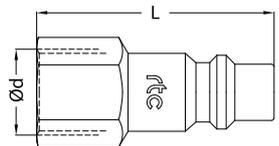


Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
8	R205 00 086	460.08 SVO 0610	6.5x10	30	69	-	22
8	R205 00 087	460.08 SVO 0812	8x12	30	69	-	22
8	R205 00 088	460.08 SVO 1116	11x16	30	75	-	27

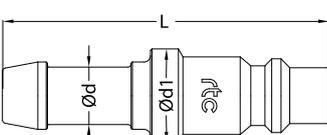
Plug with male thread / Nippel mit Aussengewinde TYPE 460.08 

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

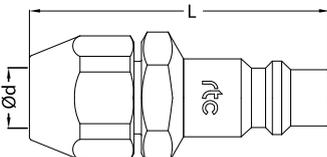
Plug with female thread / Nippel mit Innengewinde TYPE 460.08 

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 

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 

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