



rtc[®]

COUPLING TECHNOLOGY



466.06

rtc TYPE





Compatible - Kompatibilität

rtc	019
PCL	AC21 & AC29 & AC91
Rectus	19

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 466.06 6mm (1/4")

Standard version - Standardversion

Seals - Dichtung : Nitrile (N)

Material of Standard Coupler / Material für die Standardversion

Body / Housing -	Steel tenifer threated
Kupplungsgrundkörper/Gehäuse	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 -	Zinc diecasted, nickel plated & orange plastic coated
Hülse	Zink-Druckguss, vernickelt und orange Gummi beschichtet
Springs - Federn	Stainless steel - Edelstahl
Seals - Dichtungen	Nitrile (N)
Plug -	Surface Hardened Steel,
Nippel	Galvanized
	Stahl gehärtet, verzinkt

Advantages

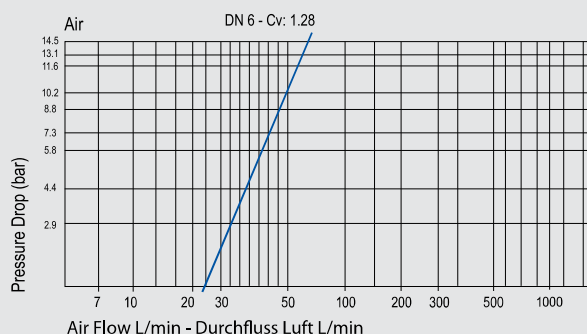
- The system perfectly fits to the **ISO 4414**, **EN 983** safety requirements.
- Through flow, minimum pressure loss.
- Negligible Connecting Force
- Smart and Ergonomic features
- Ease of Handling
- Optimised Size

Vorteil

- Sicherheit gemäß **ISO 4414**, **EN 983**
- Voller Durchgang, sehr geringer Druckverlust
- Einfache Bedienung, sehr geringe Kuppelkraft
- Kompakte Bauform



Flow Rate vs Pressure Drop Graph



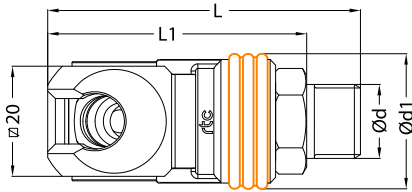
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Male thread socket / Kupplung mit Aussengewinde



Socket / Kupplung



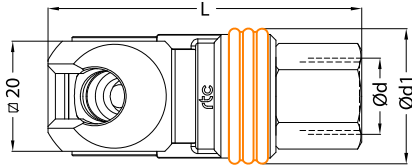
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
6	R205 00 434	466.06 SMO 13	BSP 1/4	25	59.5	48.5	19
6	R205 00 441	466.06 SMO 17	BSP 3/8	25	59.5	48.5	19
6	R205 00 442	466.06 SMO 21	BSP 1/2	25	61.5	49.5	22
6	-	466.06 STO 13	NPT 1/4	25	60.5	48.5	19
6	-	466.06 STO 17	NPT 3/8	25	62.5	48.5	19
6	-	466.06 STO 21	NPT 1/2	25	68.5	49.5	22

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Female thread socket / Kupplung mit Innengewinde



Socket / Kupplung



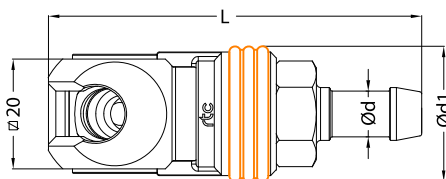
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
6	R205 00 438	466.06 SFO 13	BSP 1/4	25	56.5	-	19
6	R205 00 439	466.06 SFO 17	BSP 3/8	25	58.5	-	19
6	R205 00 440	466.06 SFO 21	BSP 1/2	25	60.5	-	24
6	-	466.06 SNO 13	NPT 1/4	25	57.5	-	19
6	-	466.06 SNO 17	NPT 3/8	25	59.5	-	20
6	-	466.06 SNO 21	NPT 1/2	25	65.5	-	24

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Socket with hose barb / Kupplung mit Schlauchanschluss



Socket / Kupplung



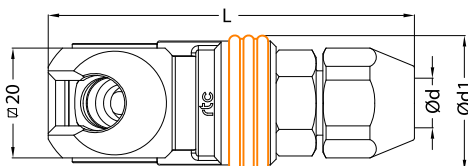
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
6	R205 00 443	466.06 SHO 06	Ø6 - 1/4	25	69	-	-
6	R205 00 444	466.06 SHO 08	Ø8 - 5/16	25	69	-	-
6	R205 00 445	466.06 SHO 10	Ø10 - 3/8	25	69	-	-

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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.
6	-	466.06 SVO 0610	6.5x10	25	70	-	22
6	-	466.06 SVO 0812	8x12	25	70	-	22



Plug with male thread / Nippel mit Aussengewinde

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Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	-	466.06 PMF 10	BSP 1/8	-	49	41	14
	6	R255 00 320	466.06 PMF 13	BSP 1/4	-	53	42	14
	6	R255 00 321	466.06 PMF 17	BSP 3/8	-	55.5	44.5	17



Plug with female thread / Nippel mit Innengewinde

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Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	-	466.06 PFF 10	BSP 1/8	-	49	-	14
	6	R255 00 318	466.06 PFF 13	BSP 1/4	-	55	-	17
	6	R255 00 319	466.06 PFF 17	BSP 3/8	-	57.5	-	19



Plug with hose barb / Nippel mit Schlauchanschluss

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Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	R255 00 322	466.06 PHF 06	Ø6 - 1/4	14	63	-	-
	6	R255 00 323	466.06 PHF 08	Ø8 - 5/16	14	63	-	-
	6	R255 00 324	466.06 PHF 10	Ø10 - 3/8	14	63	-	-