



QUICK CONNECT TECHNOLOGY

www.rtc-tec.com



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,
	Galvanized
Nippel	Stahl gehärtet, verzinkt

Advantages

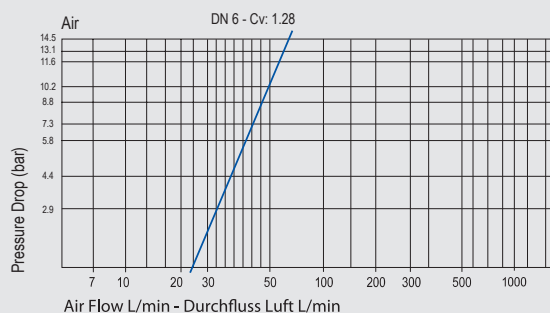
- The system perfectly fits to the **ISO 4414**, **EN 983** safety requirements.
- Through flow, minimum pressure loss.
- Negligible Connecting Force
- Smart and Ergonomic features
- Ease of Handling
- Optimised Size

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



466.06
rtc TYPE

rtc TYPE 466.06

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

rtc TYPE 466.06

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

rtc TYPE 466.06

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	-	-

rtc TYPE 466.06

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

rtc TYPE HPC

Coupling head protective cover - Schutzhauben für Schwenkkupplungen



Suitable for series Geeignet für Serien	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	☑
462.06 / 460.06 / 461.06 / 465.08 / 466.06 / 467.06	R295 00 385	HPC 0620	20
463.08 / 464.08 / 460.08 / 461.08	R295 00 340	HPC 0825	25
460.11 / 461.11	R295 00 531	HPC 1130	30



Material: Polyamide
Werkstoff: Polyamid



rtc TYPE BPC

Coupling body protective cover - Schutzhülsen für Schwenkkupplungen



Suitable for series Geeignet für Serien	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	☑
462.06 / 460.06 / 461.06 / 465.08 / 466.06 / 467.06	R295 00 480	BPC 0620	20
463.08 / 464.08 / 460.08 / 461.08	R295 00 481	BPC 0825	25
460.11 / 461.11	R295 00 482	BPC 1130	30



Material: Vinyl
Werkstoff: Vinyl



rtc TYPE HGS

Plastic hose protective spiral guard - Knickschutz für Spiralschlauch

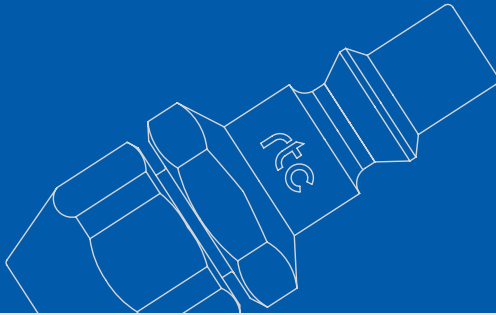
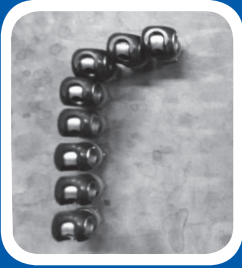


Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød
-	HGS 0610	6.5x10
R295 00 337	HGS 0812	8x12
R295 00 401	HGS 1116	11x16



Material: Polyamide
Werkstoff: Polyamid





rtc®
QUICK CONNECT TECHNOLOGY

www.rtc-tec.com



RTC TEC Bağlantı Elemanları A.Ş.

İTOSB, 9. Cadde No. 8
34539 Tepeören / Tuzla / İstanbul
TURKEY

Tel: +90 216 593 47 82

Fax: +90 216 593 47 85

info@rtc-tec.com

www.rtc-tec.com



RTC Couplings GmbH

Jahnstrasse 86
73037 Göppingen
GERMANY

Tel: +49 7161 98796-50

Fax: +49 7161 98796-79

mail@rtc-couplings.com

www.rtc-couplings.com



RTC Couplings North America

60 Meg Drive.
London, On. N6E 3T6
CANADA

Tel: +1 519 204 8334

Fax: +1 519 518 6047

tony@rtc-northamerica.com

www.rtc-northamerica.com