

rtc[®]

COUPLING TECHNOLOGY



462.06

rtc TYPE





Compatible - Kompatibilität

rtc	014
rtc	022
ARO	210
Cejn	300
Parker	B53
Rectus	14 & 22
Foster	210
AMFLO	C38

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 462.06 5.5mm (1/4")

Standard version - Standardversion

Seals - Dichtung : Nitrile (N)

Material of Standard Coupler / Material für die Standardversion

Body / Housing -	Steel tenifer threaded
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

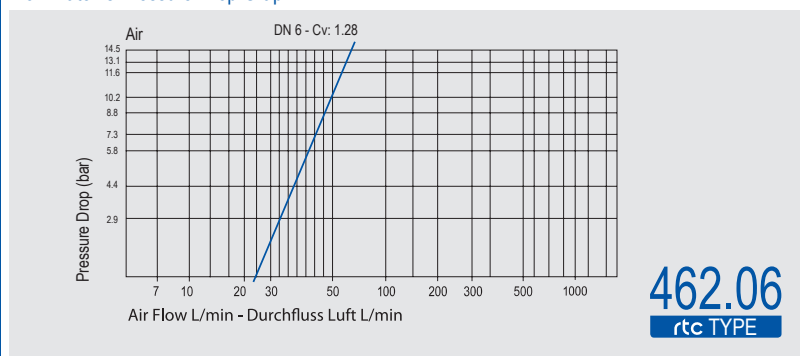
- The system perfectly fits to the **ISO 4414**, **EN 983** safety requirements.
- Through flow, minimum pressure loss.
- Negligible Connecting Force
- Smart and Ergonomic features
- Ease of Handling
- Optimised Size

Vorteil

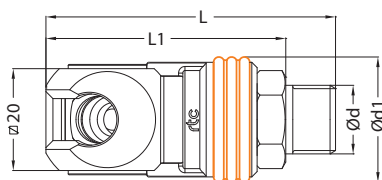
- Sicherheit gemäß **ISO 4414**, **EN 983**
- Voller Durchgang, sehr geringer Druckverlust
- Einfache Bedienung, sehr geringe Kuppelkraft
- Kompakte Bauform



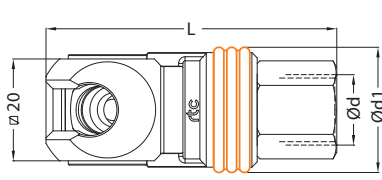
Flow Rate vs Pressure Drop Graph



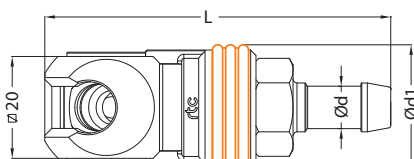
rtc TYPE 462.06 Male thread socket / Kupplung mit Aussengewinde

Socket / Kupplung	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	R205 00 294	462.06 SMO 13	BSP 1/4	25	59.5	48.5	19
	6	R205 00 295	462.06 SMO 17	BSP 3/8	25	59.5	48.5	19
	6	R205 00 296	462.06 SMO 21	BSP 1/2	25	61.5	49.5	22
	6	R205 00 297	462.06 STO 13	NPT 1/4	25	60.5	48.5	19
	6	R205 00 298	462.06 STO 17	NPT 3/8	25	62.5	48.5	19
	6	R205 00 299	462.06 STO 21	NPT 1/2	25	68.5	49.5	22

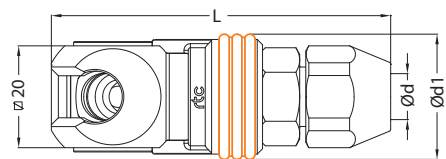
rtc TYPE 462.06 Female thread socket / Kupplung mit Innengewinde

Socket / Kupplung	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	R205 00 286	462.06 SFO 10	BSP 1/8	25	56.5	-	19
	6	R205 00 287	462.06 SFO 13	BSP 1/4	25	56.5	-	19
	6	R205 00 288	462.06 SFO 17	BSP 3/8	25	58.5	-	19
	6	R205 00 289	462.06 SFO 21	BSP 1/2	25	60.5	-	24
	6	R205 00 290	462.06 SNO 10	NPT 1/8	25	57.5	-	19
	6	R205 00 291	462.06 SNO 13	NPT 1/4	25	57.5	-	19
	6	R205 00 292	462.06 SNO 17	NPT 3/8	25	59.5	-	20
	6	R205 00 293	462.06 SNO 21	NPT 1/2	25	65.5	-	24

rtc TYPE 462.06 Socket with hose barb / Kupplung mit Schlauchanschluss

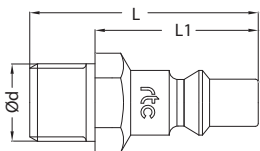
Socket / Kupplung	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	R205 00 300	462.06 SHO 06	Ø6 - 1/4	25	69	-	-
	6	R205 00 301	462.06 SHO 08	Ø8 - 5/16	25	69	-	-
	6	R205 00 302	462.06 SHO 10	Ø10 - 3/8	25	69	-	-

rtc TYPE 462.06 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	R205 00 304	462.06 SVO 0610	6.5x10	25	70	-	22
	6	R205 00 305	462.06 SVO 0812	8x12	25	70	-	22

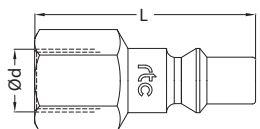
→ ← Plug with male thread / Nippel mit Aussengewinde

TYPE 462.06 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	R255 00 000	462.06 PMF 10	BSP 1/8	-	36.5	30.5	14
	6	R255 00 001	462.06 PMF 13	BSP 1/4	-	40.5	30.5	17
	6	-	462.06 PMF 17	BSP 3/8	-	42	33.5	19
	6	R255 00 002	462.06 PTF 10	NPT 1/8	-	39.5	30.5	14
	6	R255 00 003	462.06 PTF 13	NPT 1/4	-	42.5	30.5	17
	6	R255 00 066	462.06 PTF 17	NPT 3/8	-	45.5	33.5	19

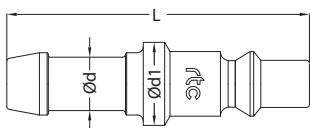
→ ← Plug with female thread / Nippel mit Innengewinde

TYPE 462.06 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	R255 00 004	462.06 PFF 10	BSP 1/8	-	37.5	-	14
	6	R255 00 005	462.06 PFF 13	BSP 1/4	-	40.5	-	17
	6	-	462.06 PFF 17	BSP 3/8	-	41.5	-	19
	6	R255 00 006	462.06 PNF 10	NPT 1/8	-	37.5	-	14
	6	R255 00 007	462.06 PNF 13	NPT 1/4	-	41.5	-	17
	6	R255 00 068	462.06 PNF 17	NPT 3/8	-	42.5	-	19

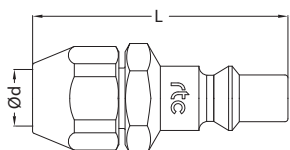
→ ← Plug with hose barb / Nippel mit Schlauchanschluss

TYPE 462.06 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	R255 00 008	462.06 PHF 06	Ø6 - 1/4	14	51	-	-
	6	R255 00 009	462.06 PHF 08	Ø8 - 5/16	14	51	-	-
	6	R255 00 010	462.06 PHF 10	Ø10 - 3/8	14	51	-	-

→ ← Plug with plastic hose connection / Nippel mit Kunststoffschlauchanschluss

TYPE 462.06 **rtc**

Plug / Nippel	Size / Grosse	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	-	462.06 PVF 0610	6.5x10	-	54	-	22
	6	-	462.06 PVF 0812	8x12	-	54	-	22