



rtc[®]

COUPLING TECHNOLOGY



460.06

rtc TYPE





Compatible - Kompatibilität

Ind. Interchange	1/4
rtc	023
Cejn	310
Parker	B23
Rectus	23
Foster	3003
AMFLO	C208
Hansen	1000

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 460.06 5.5mm (1/4")

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 -	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

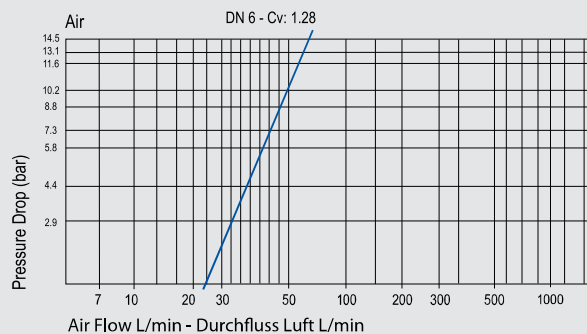
- The system perfectly fits to the **ISO 4414**, **EN 983** safety requirements.
- Plug profile perfectly fits to the **ISO 6150-B-12**, **AFNOR B-12 NF E 49-053**, **US MIL C-4109**
- Through flow, minimum pressure loss.
- Negligible Connecting Force
- Smart and Ergonomic features
- Ease of Handling
- Optimised Size

Vorteil

- Sicherheit gemäß **ISO 4414**, **EN 983**
- Stecknippel gemäß **ISO 6150-B-12**, **AFNOR B-12 NF E 49-053**, **US MIL C-4109**
- Voller Durchgang, sehr geringer Druckverlust
- Einfache Bedienung, sehr geringe Kuppelkraft
- Kompakte Bauform



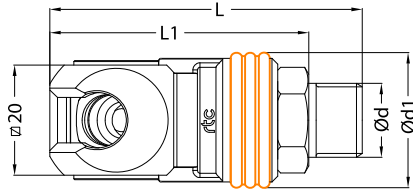
Flow Rate vs Pressure Drop Graph



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rtc TYPE 460.06 Male thread socket / Kupplung mit Aussengewinde 

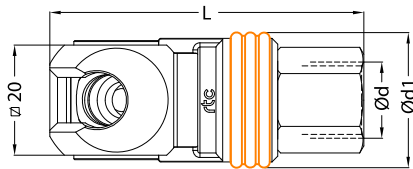
Socket / Kupplung



Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
6	R205 00 314	460.06 SMO 13	BSP 1/4	25	59.5	48.5	19
6	R205 00 315	460.06 SMO 17	BSP 3/8	25	59.5	48.5	19
6	R205 00 316	460.06 SMO 21	BSP 1/2	25	61.5	49.5	22
6	R205 00 317	460.06 STO 13	NPT 1/4	25	60.5	48.5	19
6	R205 00 318	460.06 STO 17	NPT 3/8	25	62.5	48.5	19
6	R205 00 319	460.06 STO 21	NPT 1/2	25	68.5	49.5	22

rtc TYPE 460.06 Female thread socket / Kupplung mit Innengewinde 

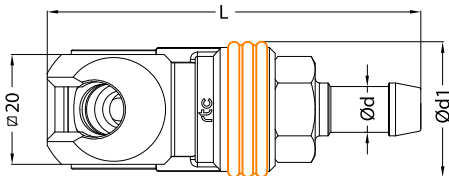
Socket / Kupplung



Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
6	R205 00 307	460.06 SFO 13	BSP 1/4	25	56.5	-	19
6	R205 00 308	460.06 SFO 17	BSP 3/8	25	58.5	-	19
6	R205 00 309	460.06 SFO 21	BSP 1/2	25	60.5	-	24
6	R205 00 310	460.06 SNO 10	NPT 1/8	25	55.5	-	19
6	R205 00 311	460.06 SNO 13	NPT 1/4	25	57.5	-	19
6	R205 00 312	460.06 SNO 17	NPT 3/8	25	59.5	-	20
6	R205 00 313	460.06 SNO 21	NPT 1/2	25	65.5	-	24

rtc TYPE 460.06 Socket with hose barb / Kupplung mit Schlauchanschluss 

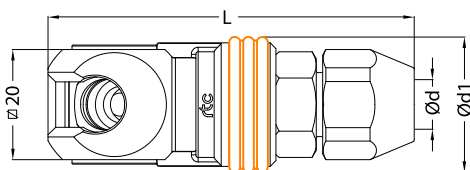
Socket / Kupplung



Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
6	R205 00 320	460.06 SHO 06	Ø6 - 1/4	25	69	-	-
6	R205 00 321	460.06 SHO 08	Ø8 - 5/16	25	69	-	-
6	R205 00 322	460.06 SHO 10	Ø10 - 3/8	25	69	-	-
6	R205 00 323	460.06 SHO 13	Ø13 - 1/2	25	69	-	-

rtc TYPE 460.06 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 00 324	460.06 SVO 0610	6.5x10	25	70	-	22
6	R205 00 325	460.06 SVO 0812	8x12	25	70	-	22

Plug with male thread / Nippel mit Aussengewinde TYPE 460.06 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	R255 00 011	460.06 PMF 10	BSP 1/8	-	38	30	14
	6	R255 00 012	460.06 PMF 13	BSP 1/4	-	42	31	14
	6	-	460.06 PMF 17	BSP 3/8	-	43.5	32.5	19
	6	R255 00 013	460.06 PTF 10	NPT 1/8	-	41	32	14
	6	R255 00 014	460.06 PTF 13	NPT 1/4	-	44	32	14
	6	R255 00 069	460.06 PTF 17	NPT 3/8	-	47	35	19

Plug with female thread / Nippel mit Innengewinde TYPE 460.06 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	R255 00 015	460.06 PFF 10	BSP 1/8	-	42	-	14
	6	R255 00 016	460.06 PFF 13	BSP 1/4	-	42.5	-	17
	6	-	460.06 PFF 17	BSP 3/8	-	43.5	-	19
	6	R255 00 017	460.06 PNF 10	NPT 1/8	-	39	-	14
	6	R255 00 018	460.06 PNF 13	NPT 1/4	-	43	-	17
	6	R255 00 274	460.06 PNF 17	NPT 3/8	-	44	-	19

Plug with hose barb / Nippel mit Schlauchanschluss TYPE 460.06 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	R255 00 019	460.06 PHF 06	Ø6 - 1/4	14	51	-	-
	6	R255 00 020	460.06 PHF 08	Ø8 - 5/16	14	51	-	-
	6	R255 00 021	460.06 PHF 10	Ø10 - 3/8	14	51	-	-

Plug with plastic hose connection / Nippel mit Kunststoffschlauchanschluss TYPE 460.06 **rtc**

Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	6	-	460.06 PVF 0610	6.5x10	-	54	-	22
	6	R255 00 413	460.06 PVF 0812	8x12	-	54	-	22



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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 threaded Stahl teneferiert
Inner Part / Cylinder - Innenteil / Zylinder	Surface hardened steel Zinc-nickel plated Stahl gehärtet, Zink-Nickel beschichtet
Back Part - Hinterteil Sleeve -	Steel zinc plated - Stahl verzinkt 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 - Nippel	Surface hardened steel, galvanized Stahl gehärtet, verzinkt

Advantages

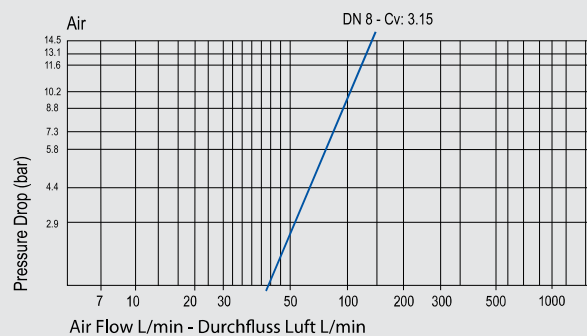
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Vorteil

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Flow Rate vs Pressure Drop Graph



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