



rtc[®]

COUPLING TECHNOLOGY
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461.19

rtc TYPE





Compatible

rtc 170.19

Temperature Range

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

25 Bar (360 PSI)

Connction / Disconnection Max. Pressure

12 Bar (175 PSI)

Flow size

rtc type 461.19 19mm (3/4")

Standard version

Seals - Dichtung : Nitrile (N)

Material of Standard Coupler

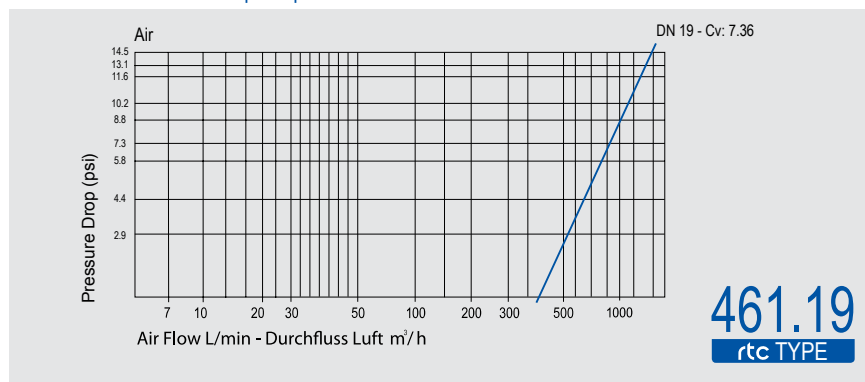
Body / Housing - Kupplungsgrundkörper/Gehäuse	Steel tenifer threaded Stahl teneferiert
Inner Part / Cylinder - Innenteil / Zylinder	Surface hardened steel Zinc-nickel plated Stahl gehärtet, Zink-Nickel beschichtet
Back Part - Hinterteil Sleeve -	Steel zinc plated - Stahl verzinkt Steel zinc nickel plated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

Advantages

- The system perfectly fits to the ISO 4414, EN 983 safety requirements.
- Plug profile perfectly fits to the ISO 6150-C-27, AFNOR C-27 NF E 49-053
- Through flow, minimum pressure loss.
- Negligible Connecting Force
- Smart and Ergonomic features
- Ease of Handling
- Optimised Size



Flow Rate vs Pressure Drop Graph

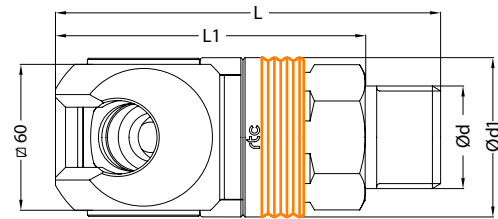


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Male thread socket / Kupplung mit Aussengewinde



Socket / Kupplung



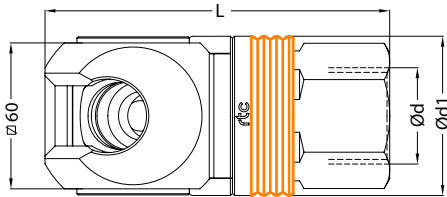
Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
19	R205 00 146	461.19 SMO 26	BSP 3/4	64	163	146	55
19	R205 00 147	461.19 SMO 33	BSP 1	64	167	147	55
19	R205 00 150	461.19 STO 26	NPT 3/4	64	169	150	55
19	R205 00 151	461.19 STO 33	NPT 1	64	175	151	55

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Female thread socket / Kupplung mit Innengewinde



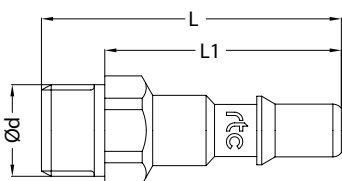
Socket / Kupplung



Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
19	R205 00 144	461.19 SFO 26	BSP 3/4	64	144	-	55
19	R205 00 145	461.19 SFO 33	BSP 1	64	145	-	55
19	R205 00 148	461.19 SNO 26	NPT 3/4	64	148	-	55
19	R205 00 149	461.19 SNO 33	NPT 1	64	149	-	55

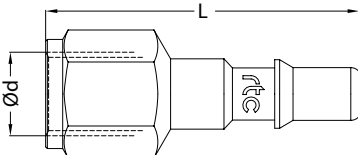
Plug with male thread / Nippel mit Aussengewinde

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Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	19	R255 00 082	461.19 PMF 26	BSP 3/4	-	95	81	36
	19	R255 00 083	461.19 PMF 33	BSP 1	-	99	81	36
	19	R255 00 281	461.19 PTF 26	NPT 3/4	-	100	81	36
	19	R255 00 282	461.19 PTF 33	NPT 1	-	105	81	36

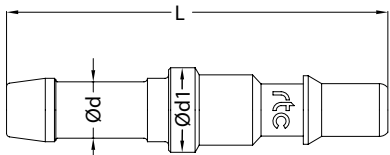
Plug with female thread / Nippel mit Innengewinde

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Plug / Nippel	Size / Größe	Alternative Order No Alternative Bestellnr.	Order No / Bestellnr.	Ød	Ød1	L	L1	HEX.
	19	R255 00 084	461.19 PFF 26	BSP 3/4	-	-	89	36
	19	R255 00 085	461.19 PFF 33	BSP 1	-	-	94	41
	19	R255 00 283	461.19 PNF 26	NPT 3/4	-	-	89	36
	19	R255 00 284	461.19 PNF 33	NPT 1	-	-	94	41

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.
	19	R255 00 086	461.19 PHF 19	Ø19 - 3/4	30	105.5	-	-
	19	R255 00 087	461.19 PHF 25	Ø25 - 1	35	118.5	-	-