



rtc[®]

COUPLING TECHNOLOGY
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030

rtc TYPE



DN 8 mm Pneumatic Coupling

TYPE 030



Compatible - Kompatibilität

Industrial Interchange 3/8"

rtc 460.08
Rectus 30KA
Cejn 430
Parker 25F

Temperature Range - Temperaturbereich

Nitrile (N) -20°C + 100°C (- 4°F + 212°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

35 Bar (510 PSI)

Flow size - Nennweite

rtc type 030 8 mm

Standard version - Standardversion

Seals - Dichtung : Nitrile (N)

Material of Standard Coupler

Material für die Standardversion

| | |
|---------------------------------------|---|
| Socket body - Kupplungsgrundkörper | Brass Nickel Plated - Messing vernickelt |
| Sleeve - Hülse | Steel Nickel Plated - Stahl vernickelt |
| Springs - Federn | Stainless Steel - Edelstahl |
| Balls - Kugeln | Stainless Steel - Edelstahl |
| Plug - Nippel | Steel zinc-nickel plated - Stahl Zink-Nickel beschichtet |

Technical Specifications & Advantages

- Plug profile perfectly fits to the ISO 6150-B-15, AFNOR B-15 NF E 49-053, US MIL C-4109
- Advantage of one hand useage.
- High performance valve with increased flow rate and minimised pressure loss.
- Anti-corrosive

Technische Daten und Vorteile

- Stecknippel gemäß ISO 6150-B-15, AFNOR B-15 NF E 49-053, US MIL C-4109
- Ventil mit hohem Druckfluss und geringem Druckverlust
- Vorteil durch Einhandbedienung.
- Korrosionsbeständig

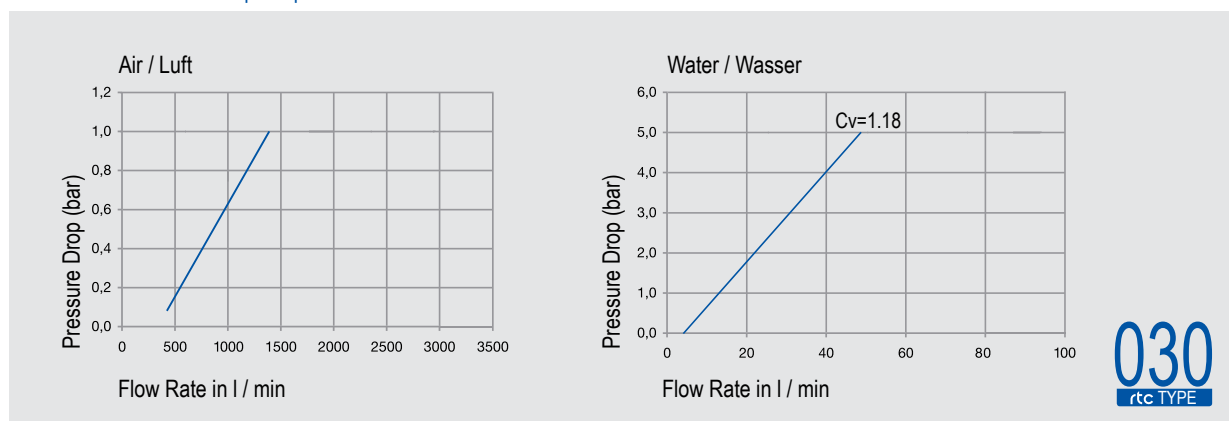
Material of Brass Coupler

Material für die Messingversion

| | |
|-------------------------------------|-----------------------------|
| Socket body Kupplungsgrundkörper | Brass - Messing |
| Sleeve - Hülse | Brass - Messing |
| Springs - Federn | Stainless Steel - Edelstahl |
| Balls - Kugeln | Stainless Steel - Edelstahl |
| Plug - Nippel | Brass - Messing |



Flow Rate vs Pressure Drop Graph



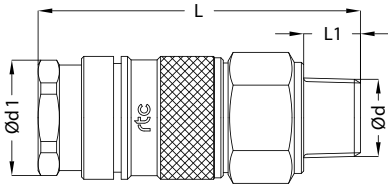
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Male thread socket / Kupplung mit Aussengewinde



Sockets / Kupplungen



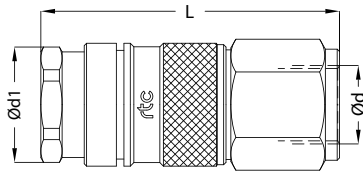
| Size / Größe | Order No / Bestellnr. With valve / mit Ventil | Order No / Bestellnr. Without valve / ohne Ventil | Ød | Ød1 | L | L1 | HEX. |
|--------------|--|--|----------|-----|----|----|------|
| 8.5 | 030 SRO 13 | 030 SRF 13 | BSPT 1/4 | 26 | 65 | 12 | 24 |
| 8.5 | 030 SRO 17 | 030 SRF 17 | BSPT 3/8 | 26 | 65 | 12 | 24 |
| 8.5 | 030 SRO 21 | 030 SRF 21 | BSPT 1/2 | 26 | 66 | 17 | 24 |

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Female thread socket / Kupplung mit Innengewinde



Sockets / Kupplungen



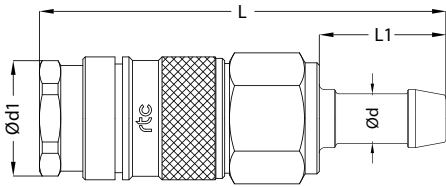
| Size / Größe | Order No / Bestellnr. With valve / mit Ventil | Order No / Bestellnr. Without valve / ohne Ventil | Ød | Ød1 | L | HEX. |
|--------------|--|--|---------|-----|----|------|
| 8.5 | 030 SFO 13 | 030 SFF 13 | BSP 1/4 | 26 | 61 | 24 |
| 8.5 | 030 SFO 17 | 030 SFF 17 | BSP 3/8 | 26 | 61 | 24 |
| 8.5 | 030 SFO 21 | 030 SFF 21 | BSP 1/2 | 26 | 64 | 24 |

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Standard hose tail socket / Kupplung mit gerader Standard - Schlauchtülle

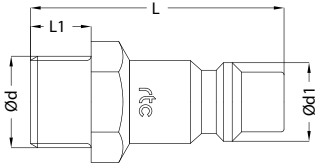


Sockets / Kupplungen

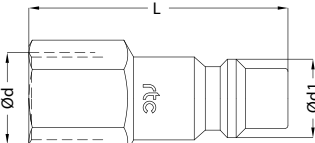


| Size / Größe | Order No / Bestellnr. With valve / mit Ventil | Order No / Bestellnr. Without valve / ohne Ventil | Ød | Ød1 | L | L1 |
|--------------|--|--|-------|-----|----|----|
| 8.5 | 030 SHO 06 | 030 SHF 06 | 6 mm | 26 | 76 | 23 |
| 8.5 | 030 SHO 08 | 030 SHF 08 | 8 mm | 26 | 76 | 23 |
| 8.5 | 030 SHO 09 | 030 SHF 09 | 9 mm | 26 | 76 | 23 |
| 8.5 | 030 SHO 10 | 030 SHF 10 | 10 mm | 26 | 76 | 23 |
| 8.5 | 030 SHO 13 | 030 SHF 13 | 13 mm | 26 | 76 | 23 |
| 8.5 | 030 SHO 16 | 030 SHF 16 | 16 mm | 26 | 76 | 23 |
| 8.5 | 030 SHO 19 | 030 SHF 19 | 19 mm | 26 | 76 | 23 |

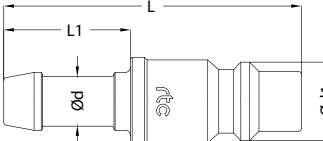
Male thread plug / Nippel mit Aussengewinde TYPE 030 **rtc**

| Plugs / Nippel | Size / Größe | Order No / Bestellnr. Without valve / ohne Ventil | Ød | Ød1 | L | L1 | HEX. |
|---|--------------|--|----------|------|----|----|------|
|  | 8.5 | 030 PMF 13 | BSP 1/4 | 14.2 | 46 | 11 | 17 |
| | 8.5 | 030 PMF 17 | BSP 3/8 | 14.2 | 46 | 11 | 19 |
| | 8.5 | 030 PMF 21 | BSP 1/2 | 14.2 | 52 | 14 | 24 |
| | 8.5 | 030 PRF 13 | BSPT 1/4 | 14.2 | 47 | 12 | 17 |
| | 8.5 | 030 PRF 17 | BSPT 3/8 | 14.2 | 47 | 12 | 19 |
| | 8.5 | 030 PRF 21 | BSPT 1/2 | 14.2 | 55 | 17 | 22 |
| | 8.5 | 030 PTF 13 | NPT 1/4 | 14.2 | 47 | 12 | 17 |
| | 8.5 | 030 PTF 17 | NPT 3/8 | 14.2 | 47 | 12 | 19 |
| | 8.5 | 030 PTF 21 | NPT 1/2 | 14.2 | 55 | 17 | 22 |

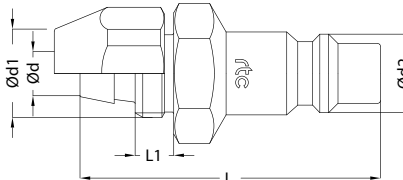
Female thread plug / Nippel mit Innengewinde TYPE 030 **rtc**

| Plugs / Nippel | Size / Größe | Order No / Bestellnr. Without valve / ohne Ventil | Ød | Ød1 | L | L1 | HEX. |
|---|--------------|--|---------|------|------|----|------|
|  | 8.5 | 030 PFF 13 | BSP 1/4 | 14.2 | 44.5 | 12 | 17 |
| | 8.5 | 030 PFF 17 | BSP 3/8 | 14.2 | 47 | 12 | 19 |
| | 8.5 | 030 PFF 21 | BSP 1/2 | 14.2 | 50 | 14 | 24 |
| | 8.5 | 030 PNF 13 | NPT 1/4 | 14.2 | 44.5 | 13 | 17 |
| | 8.5 | 030 PNF 17 | NPT 3/8 | 14.2 | 47 | 13 | 24 |
| | 8.5 | 030 PNF 21 | NPT 1/2 | 14.2 | 52 | 15 | 27 |

Standard hose tail plug / Nippel mit gerader Standard - Schlauchtülle TYPE 030 **rtc**

| Plugs / Nippel | Size / Größe | Order No / Bestellnr. Without valve / ohne Ventil | Ød | Ød1 | L | L1 |
|---|--------------|--|-------|------|----|----|
|  | 8.5 | 030 PHF 06 | 6 mm | 14.2 | 54 | 23 |
| | 8.5 | 030 PHF 08 | 8 mm | 14.2 | 54 | 23 |
| | 8.5 | 030 PHF 09 | 9 mm | 14.2 | 54 | 23 |
| | 8.5 | 030 PHF 10 | 10 mm | 14.2 | 54 | 23 |
| | 8.5 | 030 PHF 13 | 13 mm | 14.2 | 54 | 23 |

Plug with plastic hose connection / Nippel mit Kunststoffschlauch TYPE 030 **rtc**

| Plugs / Nippel | Size / Größe | Order No / Bestellnr. Without valve / ohne Ventil | Ød | Ød1 | Ød2 | L | L1 | HEX. |
|---|--------------|--|-----------|---------|------|----|----|------|
|  | 8.5 | 030 PVF 0610 | 6.5x10 mm | M16x1.5 | 14.2 | 57 | 9 | 22 |
| | 8.5 | 030 PVF 0812 | 8x12 mm | M16x1.5 | 14.2 | 57 | 9 | 22 |
| | 8.5 | 030 PVF 1116 | 11x16 mm | M24x1.5 | 14.2 | 65 | 9 | 27 |