



# rtc<sup>®</sup>

COUPLING TECHNOLOGY

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# 037

rtc TYPE



DN 11 mm Pneumatic Coupling

TYPE 037



**Compatible**

**Industrial interchange 1/2**

rtc 460.11  
Rectus 37KA  
Gromelle 1300  
Hansen 5000

**Temperature Range**

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**

35 Bar (510 PSI)

**Flow size**

rtc type 037 11 mm

**Standard version**

Seals - Dichtung : Nitrile (N)

**Material of Standard Coupler**

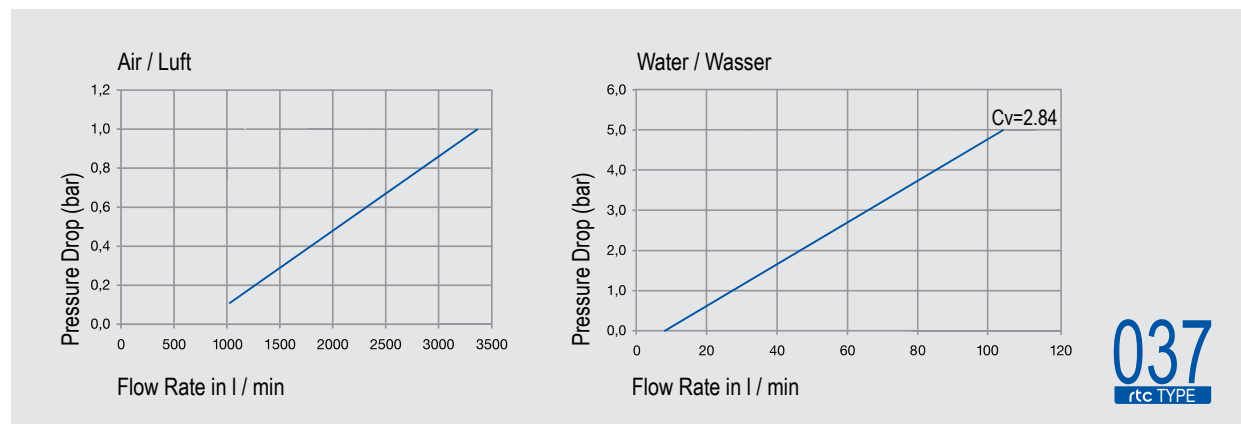
|                                       |   |
|---------------------------------------|---|
| Socket body -<br>Kupplungsgrundkörper | Brass Nickel Plated -<br>Messing vernickelt                 |
| Sleeve -<br>Hülse                     | Steel Nickel Plated -<br>Stahl vernickelt                   |
|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

**Technical Specifications & Advantages**

- Advantage of one hand useage.
- High performance valve with increased flow rate and minimised pressure loss.
- Anti-corrosive



Flow Rate vs Pressure Drop Graph

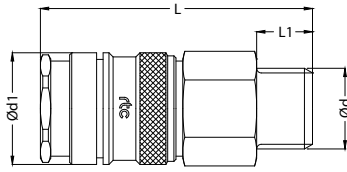


**rtc** TYPE 037

Male thread socket / Kupplung mit Aussengewinde



Sockets / Kupplungen



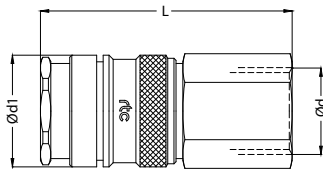
| Size / Größe | Order No / Bestellnr.<br>With valve / mit Ventil | Order No / Bestellnr.<br>Without valve / ohne Ventil | Ød       | Ød1 | L  | L1 | HEX. |
|--------------|--|--|----------|-----|----|----|------|
| 11           | 037 SRO 13                                       | 037 SRF 13   | BSPT 1/4 | 30  | 68 | 12 | 24   |
| 11           | 037 SRO 17                                       | 037 SRF 17   | BSPT 3/8 | 30  | 68 | 12 | 24   |
| 11           | 037 SRO 21                                       | 037 SRF 21   | BSPT 1/2 | 30  | 71 | 17 | 24   |
| 11           | 037 SRO 26                                       | 037 SRF 26   | BSPT 3/4 | 30  | 68 | 17 | 27   |

**rtc** TYPE 037

Female thread socket / Kupplung mit Innengewinde



Sockets / Kupplungen



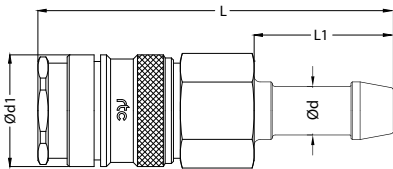
| Size / Größe | Order No / Bestellnr.<br>With valve / mit Ventil | Order No / Bestellnr.<br>Without valve / ohne Ventil | Ød      | Ød1 | L  | HEX. |
|--------------|--|--|---------|-----|----|------|
| 11           | 037 SFO 13                                       | 037 SFF 13   | BSP 1/4 | 30  | 74 | 27   |
| 11           | 037 SFO 17                                       | 037 SFF 17   | BSP 3/8 | 30  | 75 | 27   |
| 11           | 037 SFO 21                                       | 037 SFF 21   | BSP 1/2 | 30  | 77 | 27   |
| 11           | 037 SFO 26                                       | 037 SFF 26   | BSP 3/4 | 30  | 81 | 32   |

**rtc** TYPE 037

Standard hose tail socket / Kupplung mit gerader Standard - Schlauchtülle

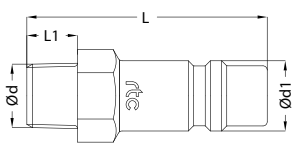


Sockets / Kupplungen

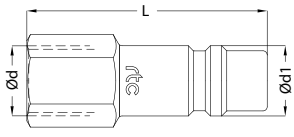


| Size / Größe | Order No / Bestellnr.<br>With valve / mit Ventil | Order No / Bestellnr.<br>Without valve / ohne Ventil | Ød    | Ød1 | L    | L1   |
|--------------|--|--|-------|-----|------|------|
| 11           | 037 SHO 10                                       | 037 SHF 10   | 10 mm | 30  | 78.5 | 22.5 |
| 11           | 037 SHO 13                                       | 037 SHF 13   | 13 mm | 30  | 78.5 | 22.5 |
| 11           | 037 SHO 16                                       | 037 SHF 16   | 16 mm | 30  | 78.5 | 22.5 |
| 11           | 037 SHO 19                                       | 037 SHF 19   | 19 mm | 30  | 78.5 | 22.5 |

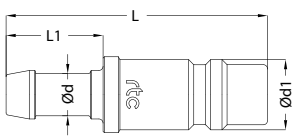
Male thread socket / Kupplung mit Aussengewinde TYPE 037 

| Plugs / Nippel  | Size / Größe | Order No / Bestellnr.<br>Without valve / ohne Ventil | Ød      | Ød1  | L  | L1 | HEX. |
|---|--------------|--|---------|------|----|----|------|
|  | 11           | 037 PMF 13   | BSP 1/4 | 16.7 | 56 | 11 | 17   |
|   | 11           | 037 PMF 17   | BSP 3/8 | 16.7 | 56 | 11 | 19   |
|   | 11           | 037 PMF 21   | BSP 1/2 | 16.7 | 59 | 14 | 24   |
|   | 11           | 037 PMF 26   | BSP 3/4 | 16.7 | 60 | 15 | 27   |
|   | 11           | 037 PTF 13   | NPT 1/4 | 16.7 | 57 | 12 | 17   |
|   | 11           | 037 PTF 17   | NPT 3/8 | 16.7 | 57 | 12 | 19   |
|   | 11           | 037 PTF 21   | NPT 1/2 | 16.7 | 62 | 17 | 24   |
|   | 11           | 037 PTF 26   | NPT 3/4 | 16.7 | 64 | 19 | 27   |

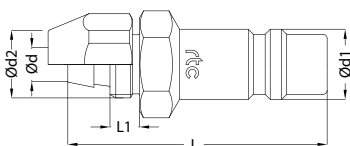
Female thread socket / Kupplung mit Innengewinde TYPE 037 

| Plugs / Nippel  | Size / Größe | Order No / Bestellnr.<br>Without valve / ohne Ventil | Ød      | Ød1  | L  | HEX. |
|---|--------------|--|---------|------|----|------|
|  | 11           | 037 PFF 13   | BSP 1/4 | 16.7 | 52 | 17   |
|   | 11           | 037 PFF 17   | BSP 3/8 | 16.7 | 57 | 19   |
|   | 11           | 037 PFF 21   | BSP 1/2 | 16.7 | 61 | 27   |
|   | 11           | 037 PFF 26   | BSP 3/4 | 16.7 | 63 | 32   |
|   | 11           | 037 PNF 13   | NPT 1/4 | 16.7 | 52 | 17   |
|   | 11           | 037 PNF 17   | NPT 3/8 | 16.7 | 59 | 22   |
|   | 11           | 037 PNF 21   | NPT 1/2 | 16.7 | 61 | 27   |
|   | 11           | 037 PNF 26   | NPT 3/4 | 16.7 | 63 | 32   |

Standard hose tail socket / Kupplung mit gerader Standard - Schlauchtülle TYPE 037 

| Plugs / Nippel  | Size / Größe | Order No / Bestellnr.<br>Without valve / ohne Ventil | Ød    | Ød1  | L  | L1 |
|---|--------------|--|-------|------|----|----|
|  | 11           | 037 PHF 08   | 8 mm  | 16.7 | 62 | 23 |
|   | 11           | 037 PHF 10   | 10 mm | 16.7 | 62 | 23 |
|   | 11           | 037 PHF 13   | 13 mm | 16.7 | 62 | 23 |
|   | 11           | 037 PHF 16   | 16 mm | 16.7 | 68 | 26 |
|   | 11           | 037 PHF 19   | 19 mm | 16.7 | 79 | 37 |

Plug with plastic hose connection / Nippel mit Kunststoffschlauch TYPE 037 

| Plugs / Nippel  | Size / Größe | Order No / Bestellnr.<br>Without valve / ohne Ventil | Ød        | Ød1     | Ød2  | L  | L1 | HEX. |
|---|--------------|--|-----------|---------|------|----|----|------|
|  | 11           | 037 PVF 0610   | 6.5x10 mm | M16x1.5 | 16.7 | 65 | 9  | 22   |
|   | 11           | 037 PVF 0812   | 8x12 mm   | M16x1.5 | 16.7 | 65 | 9  | 22   |
|   | 11           | 037 PVF 1116   | 11x16 mm  | M24x1.5 | 16.7 | 70 | 9  | 27   |