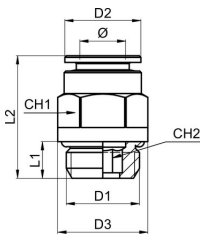


## Steckverschraubungen "Push-In" - NSF51/FDA Serie PIF



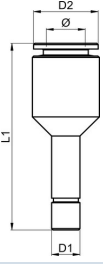
|                           |                                                                                                                        |
|---------------------------|------------------------------------------------------------------------------------------------------------------------|
| Bauart                    | Steckverschraubung mit O-Ring und Haltezanze für die Verbindung von Kunststoffschläuche                                |
| Anschluss                 | G1/8"...G1/2" nach ISO 228/1, M5 nach ISO R/262                                                                        |
| Rohraußendurchmesser      | 4mm...12mm                                                                                                             |
| Werkstoffe                | Körper Messing chemisch vernickelt nach NSF51, Spannzange Edelstahl 1.4310, Dichtungen FKM-FDA (Zertifikat 3170-FPM70) |
| empfohlene Rohrwerkstoffe | Polyamid (PA), Polyurethan (PU/CP), Polyäthylen (PE), PTFE (PT)                                                        |
| Rohrtoleranzen            | +/- 0,07mm bis Durchmesser 10mm, +/- 0,1mm ab Durchmesser 12mm                                                         |
| Medium                    | Druckluft, neutrale Gase                                                                                               |
| Mediumstemperatur         | -20...150°C                                                                                                            |
| Betriebsdruck             | -0,99...20bar, abhängig vom maximalen Druck des eingesetzten Rohres                                                    |
| Zulassungen               | MOCA / Lebensmittelkontakt gemäß 1935/2004/EG, 2023/2006/EG, 10/2011/EU                                                |
| Anwendung                 | Lebensmittelindustrie, Getränkeanlagen, Chemische Industrie, Pneumatik                                                 |

### PIF12 Gerade Einschraubverschraubung - Gewinde zylindrisch

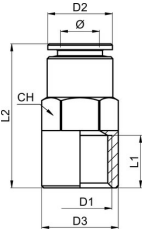
|  | Ø  | D1     | D2   | D3   | L1  | L2   | CH1 | CH2 | Gewicht [g] | Typ             |
|-------------------------------------------------------------------------------------|----|--------|------|------|-----|------|-----|-----|-------------|-----------------|
|                                                                                     | 4  | M5x0,8 | 9    | 8    | 4   | 19   | -   | 2,5 | 4           | PIF12-04-M5-N-0 |
|                                                                                     | 4  | G1/8"  | 9    | 13   | 5   | 16,5 | 9   | 3   | 6           | PIF12-04-18-N-0 |
|                                                                                     | 4  | G1/4"  | 9    | 16   | 6,5 | 18,5 | 9   | 3   | 12          | PIF12-04-14-N-0 |
|                                                                                     | 6  | M5x0,8 | 12   | 8    | 4   | 22,2 | -   | 2,5 | 8,5         | PIF12-06-M5-N-0 |
|                                                                                     | 6  | G1/8"  | 11,9 | 13,5 | 5   | 19,5 | 12  | 4   | 9           | PIF12-06-18-N-0 |
|                                                                                     | 6  | G1/4"  | 11,9 | 16   | 6,5 | 19,5 | 12  | 4   | 12,5        | PIF12-06-14-N-0 |
|                                                                                     | 8  | G1/8"  | 13,9 | 14,5 | 5   | 23,5 | 13  | 6   | 11          | PIF12-08-18-N-0 |
|                                                                                     | 8  | G1/4"  | 13,9 | 16   | 6,5 | 21,5 | 14  | 6   | 14          | PIF12-08-14-N-0 |
|                                                                                     | 8  | G3/8"  | 13,9 | 20   | 7   | 21   | 14  | 6   | 20          | PIF12-08-38-N-0 |
|                                                                                     | 10 | G1/4"  | 15,9 | 16   | 6,5 | 27,5 | 15  | 8   | 18          | PIF12-10-14-N-0 |
|                                                                                     | 10 | G3/8"  | 15,9 | 20   | 7   | 25   | 16  | 8   | 23          | PIF12-10-38-N-0 |
|                                                                                     | 10 | G1/2"  | 15,9 | 25   | 8,5 | 25,5 | 16  | 8   | 34,5        | PIF12-10-12-N-0 |
|                                                                                     | 12 | G1/4"  | 18,9 | 21   | 6,5 | 28,5 | 19  | 8   | 22          | PIF12-12-14-N-0 |
|                                                                                     | 12 | G3/8"  | 18,9 | 21   | 7   | 28,5 | 19  | 10  | 25          | PIF12-12-38-N-0 |
|                                                                                     | 12 | G1/2"  | 18,9 | 25   | 8,5 | 26,5 | 19  | 10  | 33          | PIF12-12-12-N-0 |



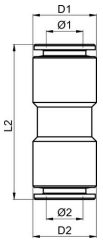
## PIF12 Reduktion

|  | Ø  | D1 | D2 | L1   | Gewicht [g] | Typ           |
|-----------------------------------------------------------------------------------|----|----|----|------|-------------|---------------|
|                                                                                   | 4  | 6  | 9  | 33,5 | 7           | PIF12-04-06-N |
|                                                                                   | 6  | 8  | 12 | 35   | 11,5        | PIF12-06-08-N |
|                                                                                   | 8  | 10 | 14 | 37   | 15          | PIF12-08-10-N |
|                                                                                   | 10 | 12 | 16 | 42   | 20          | PIF12-10-12-N |
|                                                                                   |    |    |    |      |             |               |

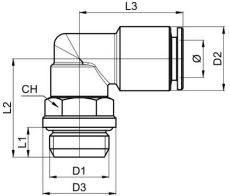
## PIF13 Gerade Aufschraubverschraubung

|  | Ø  | D1    | D2   | D3   | L1 | L2   | CH | Gewicht [g] | Typ           |
|-----------------------------------------------------------------------------------|----|-------|------|------|----|------|----|-------------|---------------|
|                                                                                   | 4  | G1/8" | 9    | 13   | 7  | 23,5 | 9  | 10          | PIF13-04-18-N |
|                                                                                   | 6  | G1/8" | 11,9 | 14   | 7  | 26   | 12 | 15          | PIF13-06-18-N |
|                                                                                   | 6  | G1/4" | 11,9 | 16   | 10 | 30   | 12 | 19          | PIF13-06-14-N |
|                                                                                   | 8  | G1/8" | 13,7 | 16,2 | 7  | 26   | 14 | 18          | PIF13-08-18-N |
|                                                                                   | 8  | G1/4" | 13,9 | 16   | 10 | 30   | 14 | 22          | PIF13-08-14-N |
|                                                                                   | 10 | G1/4" | 15,9 | 18,5 | 10 | 32   | 16 | 24,4        | PIF13-10-14-N |
|                                                                                   |    |       |      |      |    |      |    |             |               |

## PIF13 Gerader Verbinder

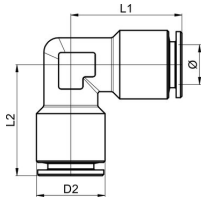
|  | Ø 1 | Ø 2 | D2 | L1   | Gewicht [g] | Typ           |
|------------------------------------------------------------------------------------|-----|-----|----|------|-------------|---------------|
|                                                                                    | 4   | 4   | 9  | 28   | 6,5         | PIF13-04-N    |
|                                                                                    | 6   | 6   | 12 | 33,6 | 14,6        | PIF13-06-N    |
|                                                                                    | 6   | 4   | 12 | 31   | 14,7        | PIF13-06-04-N |
|                                                                                    | 8   | 8   | 14 | 34   | 17,5        | PIF13-08-N    |
|                                                                                    | 8   | 6   | 14 | 34   | 21          | PIF13-08-06-N |
|                                                                                    | 10  | 10  | 16 | 38,6 | 22,5        | PIF13-10-N    |
|                                                                                    | 10  | 8   | 16 | 36,5 | 25,2        | PIF13-10-08-N |
|                                                                                    | 12  | 12  | 19 | 41   | 25,5        | PIF13-12-N    |

## PIF16-360 Drehbare Winkeleinschraubverschraubung - Gewinde zylindrisch

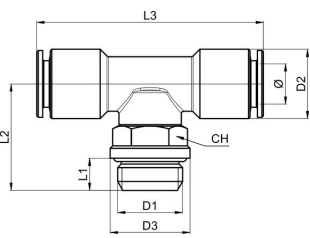
|  | Ø  | D1     | D2  | D3   | L1  | L2   | L3   | CH | Gewicht [g] | Typ                 |
|-------------------------------------------------------------------------------------|----|--------|-----|------|-----|------|------|----|-------------|---------------------|
|                                                                                     | 4  | M5x0,8 | 9,1 | 10   | 4   | 14   | 17,5 | 9  | 8,5         | PIF16-04-M5-N-0-360 |
|                                                                                     | 4  | G1/8"  | 9,1 | 14,5 | 5   | 18,2 | 19,5 | 13 | 16          | PIF16-04-18-N-0-360 |
|                                                                                     | 4  | G1/4"  | 9,1 | 16   | 6,5 | 21,7 | 19,5 | 13 | 19,5        | PIF16-04-14-N-0-360 |
|                                                                                     | 6  | M5x0,8 | 12  | 10   | 4   | 14   | 20,5 | 9  | 12          | PIF16-06-M5-N-0-360 |
|                                                                                     | 6  | G1/8"  | 12  | 14,5 | 5   | 18,2 | 22   | 13 | 19          | PIF16-06-18-N-0-360 |
|                                                                                     | 6  | G1/4"  | 12  | 16   | 6,5 | 21,7 | 22   | 13 | 22          | PIF16-06-14-N-0-360 |
|                                                                                     | 8  | G1/8"  | 14  | 14,5 | 5   | 18   | 22,5 | 13 | 22          | PIF16-08-18-N-0-360 |
|                                                                                     | 8  | G1/4"  | 14  | 16   | 6,5 | 21,5 | 22,5 | 13 | 24          | PIF16-08-14-N-0-360 |
|                                                                                     | 8  | G3/8"  | 14  | 20   | 7   | 25,5 | 23   | 16 | 36,5        | PIF16-08-38-N-0-360 |
|                                                                                     | 10 | G1/4"  | 16  | 18   | 6,5 | 22   | 26   | 16 | 33          | PIF16-10-14-N-0-360 |
|                                                                                     | 10 | G3/8"  | 16  | 20   | 7   | 25,5 | 26   | 16 | 38          | PIF16-10-38-N-0-360 |
|                                                                                     | 10 | G1/2"  | 16  | 25   | 8,5 | 27,5 | 26   | 16 | 43,2        | PIF16-10-12-N-0-360 |
|                                                                                     | 12 | G1/4"  | 19  | 22,5 | 6,5 | 25,5 | 28,5 | 20 | 56,4        | PIF16-12-14-N-0-360 |
|                                                                                     | 12 | G3/8"  | 19  | 22,5 | 7   | 26   | 28,5 | 20 | 55,5        | PIF16-12-38-N-0-360 |
|                                                                                     | 12 | G1/2"  | 19  | 25   | 8,5 | 30,5 | 28,5 | 20 | 63          | PIF16-12-12-N-0-360 |



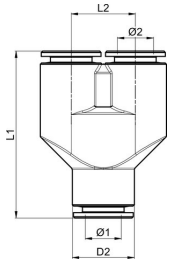
## PIF17 Winkelverbinder

|  | Ø  | D2 | L1   | Gewicht [g] | Typ        |
|-----------------------------------------------------------------------------------|----|----|------|-------------|------------|
|                                                                                   | 4  | 9  | 17,5 | 8,5         | PIF17-04-N |
|                                                                                   | 6  | 12 | 20,5 | 16,5        | PIF17-06-N |
|                                                                                   | 8  | 14 | 22,5 | 22,5        | PIF17-08-N |
|                                                                                   | 10 | 16 | 25   | 28,5        | PIF17-10-N |
|                                                                                   | 12 | 19 | 26,5 | 43,5        | PIF17-12-N |
|                                                                                   |    |    |      |             |            |

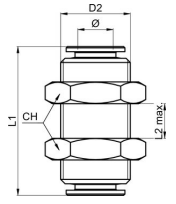
## PIF21-360 Drehbare T-Einschraubverschraubung - Gewinde zylindrisch

|  | Ø  | D1    | D2  | D3   | L1  | L2   | L3 | CH | Gewicht [g] | Typ                 |
|-----------------------------------------------------------------------------------|----|-------|-----|------|-----|------|----|----|-------------|---------------------|
|                                                                                   | 4  | G1/8" | 9,1 | 14,5 | 5   | 18,2 | 39 | 13 | 20,7        | PIF21-04-18-N-0-360 |
|                                                                                   | 4  | G1/4" | 9,1 | 16   | 6,5 | 21,7 | 39 | 13 | 23,9        | PIF21-04-14-N-0-360 |
|                                                                                   | 6  | G1/8" | 12  | 14,5 | 5   | 18   | 44 | 13 | 25,2        | PIF21-06-18-N-0-360 |
|                                                                                   | 6  | G1/4" | 12  | 16   | 6,5 | 21,5 | 44 | 13 | 30          | PIF21-06-14-N-0-360 |
|                                                                                   | 8  | G1/8" | 14  | 14,5 | 5   | 18   | 45 | 13 | 30,7        | PIF21-08-18-N-0-360 |
|                                                                                   | 8  | G1/4" | 14  | 16   | 6,5 | 21,5 | 45 | 13 | 34,1        | PIF21-08-14-N-0-360 |
|                                                                                   | 8  | G3/8" | 14  | 20   | 7   | 25,5 | 46 | 16 | 46,7        | PIF21-08-38-N-0-360 |
|                                                                                   | 10 | G1/4" | 16  | 18   | 6,5 | 22   | 52 | 16 | 44,4        | PIF21-10-14-N-0-360 |
|                                                                                   | 10 | G3/8" | 16  | 20   | 7   | 25,5 | 52 | 16 | 50,1        | PIF21-10-38-N-0-360 |
|                                                                                   | 12 | G3/8" | 19  | 22,5 | 7   | 26   | 57 | 20 | 75          | PIF21-12-38-N-0-360 |
|                                                                                   | 12 | G1/2" | 19  | 25   | 8,5 | 30,5 | 57 | 20 | 84,2        | PIF21-12-12-N-0-360 |
|                                                                                   |    |       |     |      |     |      |    |    |             |                     |
|                                                                                   |    |       |     |      |     |      |    |    |             |                     |

## PIF23 Y-Verbinder

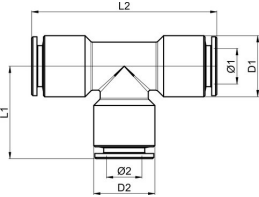
|  | Ø1 | Ø2 | D2 | L1   | L2   | Gewicht [g] | Typ        |
|-------------------------------------------------------------------------------------|----|----|----|------|------|-------------|------------|
|                                                                                     | 4  | 4  | 9  | 29,5 | 9,5  | 13,5        | PIF23-04-N |
|                                                                                     | 6  | 6  | 12 | 36,5 | 12,5 | 32          | PIF23-06-N |
|                                                                                     | 8  | 8  | 14 | 37,5 | 14,5 | 42,5        | PIF23-08-N |
|                                                                                     | 10 | 10 | 16 | 44,5 | 16,5 | 62,7        | PIF23-10-N |
|                                                                                     | 12 | 12 | 19 | 49   | 19,5 | 95,8        | PIF23-12-N |
|                                                                                     |    |    |    |      |      |             |            |

## PIF27 Schottverschraubung

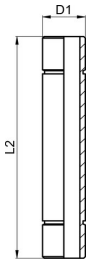
|  | Ø  | D2    | L1 | L2 max | CH | Gewicht [g] | Typ        |
|-------------------------------------------------------------------------------------|----|-------|----|--------|----|-------------|------------|
|                                                                                     | 4  | M12x1 | 28 | 11     | 16 | 24          | PIF27-04-N |
|                                                                                     | 6  | M14x1 | 34 | 16     | 18 | 34,5        | PIF27-06-N |
|                                                                                     | 8  | M16x1 | 34 | 16     | 20 | 40          | PIF27-08-N |
|                                                                                     | 10 | M18x1 | 39 | 19     | 22 | 51          | PIF27-10-N |
|                                                                                     | 12 | M20x1 | 41 | 20     | 24 | 59,5        | PIF27-12-N |
|                                                                                     |    |       |    |        |    |             |            |



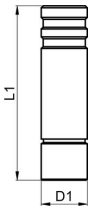
## PIF29 T-Verbinder

|  | Ø  | D2 | L1   | L2 | Gewicht [g] | Typ        |
|-----------------------------------------------------------------------------------|----|----|------|----|-------------|------------|
|                                                                                   | 4  | 9  | 17,5 | 35 | 11          | PIF29-04-N |
|                                                                                   | 6  | 12 | 20   | 40 | 22          | PIF29-06-N |
|                                                                                   | 8  | 14 | 21   | 42 | 28          | PIF29-08-N |
|                                                                                   | 10 | 16 | 24,5 | 49 | 37,5        | PIF29-10-N |
|                                                                                   | 12 | 19 | 26   | 52 | 53          | PIF29-12-N |
|                                                                                   |    |    |      |    |             |            |

## PIF38 Verbindungsstift

|  | D1 | L1 | Gewicht [g] | Typ        |
|-----------------------------------------------------------------------------------|----|----|-------------|------------|
|                                                                                   | 4  | 35 | 2,8         | PIF38-04-N |
|                                                                                   | 6  | 40 | 5,5         | PIF38-06-N |
|                                                                                   | 8  | 42 | 7,5         | PIF38-08-N |
|                                                                                   | 10 | 50 | 11          | PIF38-10-N |
|                                                                                   | 12 | 53 | 14          | PIF38-12-N |
|                                                                                   | 14 | 54 | 18,5        | PIF38-12-N |
|                                                                                   |    |    |             |            |

## PIF40 Verschlussstift

|  | D1 | L1 | Gewicht [g] | Typ        |
|------------------------------------------------------------------------------------|----|----|-------------|------------|
|                                                                                    | 4  | 25 | 2,5         | PIF40-04-N |
|                                                                                    | 6  | 25 | 5,5         | PIF40-06-N |
|                                                                                    | 8  | 30 | 12,5        | PIF40-08-N |
|                                                                                    | 10 | 35 | 23          | PIF40-10-N |
|                                                                                    | 12 | 40 | 37,5        | PIF40-12-N |
|                                                                                    |    |    |             |            |

Abbildungen unverbindlich  
Konstruktions-, Maß- und Werkstoffänderungen vorbehalten

Pneumatik / Verbindungselemente und Kupplungen / Sonstiges Sortiment - P05 / Steckverschraubungen FDA-konform

