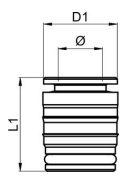


## Pistoliittimet "Push-In" - Messinki niklattu Sarja PI



|                             |                                                                                                                      |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------|
| Rakenne                     | Pistoliitin O-renkaalla ja pidätysolkilla muoviletkujen liittämiseen                                                 |
| Liitäntä                    | R1/8" ... R3/4" ISO7/1:n mukaan Kierre PTFE-pinnoitettu, G1/8" ... G3/4" mukaan ISO228/1, M3...M5 ISO R/262:n mukaan |
| Putken ulkohalkaisija       | 3...16mm                                                                                                             |
| Materiaalit                 | Runko Messinki niklattu, Kiristysolkki Ruostumaton teräs 1.4310, Tiivisteet NBR                                      |
| suositeltu Putkimateriaalit | Polyamidi (PA), Polyuretaani (CP/PU), Polyeteeni (PE), PTFE (PT)                                                     |
| Putkitoleranssit            | +/- 0,07mm halkaisijaan asti 10mm, +/- 0,1mm alkaen halkaisija 12mm                                                  |
| Aineväliaine                | Paineilma, neutraalit kaasut                                                                                         |
| Aineen lämpötila            | -20...80°C                                                                                                           |
| Käyttöpaine                 | -0,99...20bar, riippuen käytetyn putken enimmäispaineesta                                                            |
| Erikoisversio               | O-rengas FKM:stä -20...150°C, kemiallisesti nikkelöity, NSF, FDA pyynnöstä                                           |

### PI10 Puristusholkki soveltuu muovi-, messinki- tai alumiinirunkoisille koteluille

|                                                                                     |    |      |      |           |           |
|-------------------------------------------------------------------------------------|----|------|------|-----------|-----------|
|  | Ø  | D1   | L1   | Paino [g] | Tyyppi    |
|                                                                                     | 4  | 9,3  | 14,5 | 3,6       | PI10-04-N |
|                                                                                     | 6  | 11,5 | 16,5 | 5,7       | PI10-06-N |
|                                                                                     | 8  | 13,7 | 17   | 7,9       | PI10-08-N |
|                                                                                     | 10 | 15,8 | 19   | 10,3      | PI10-10-N |



## PI10 Luonnon varten puristusistukka

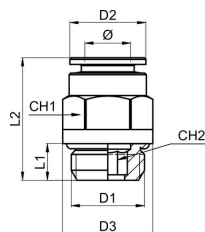
|  |    |      |      |    |      |      |     |           |
|--|----|------|------|----|------|------|-----|-----------|
|  | Ø  | D1   | D2   | D3 | D4   | L1   | L2  | Tyyppi    |
|  | 4  | 9,5  | 9,2  | 3  | 8,6  | 12   | 3,2 | PI10-04-N |
|  | 6  | 11,7 | 11,4 | 5  | 10,8 | 14   | 4   | PI10-06-N |
|  | 8  | 13,9 | 13,6 | 7  | 13   | 14,5 | 4   | PI10-08-N |
|  | 10 | 16   | 15,7 | 9  | 15,1 | 16   | 4   | PI10-10-N |
|  |    |      |      |    |      |      |     |           |

## PI11-360 Kääntyvä kulmaruuviliitin - kahdella L-rengasliittimellä

|  |   |        |     |    |     |      |      |      |    |    |           |                    |
|--|---|--------|-----|----|-----|------|------|------|----|----|-----------|--------------------|
|  | Ø | D1     | D2  | D3 | L1  | L2   | L3   | L4   | L5 | CH | Paino [g] | Tyyppi             |
|  | 4 | M5x0,8 | 9   | 10 | 4   | 11   | 18,5 | 29,2 | 10 | 3  | 18,5      | PI11-04-M5-N-0-360 |
|  | 4 | G1/8"  | 9,1 | 14 | 5   | 15   | 20,5 | 40,4 | 15 | 4  | 40        | PI11-04-18-N-0-360 |
|  | 6 | G1/8"  | 12  | 14 | 5   | 15   | 22,5 | 40,4 | 15 | 4  | 46        | PI11-06-18-N-0-360 |
|  | 6 | G1/4"  | 12  | 18 | 6,5 | 17,5 | 24   | 46,1 | 17 | 5  | 69,5      | PI11-06-14-N-0-360 |
|  | 8 | G1/8"  | 14  | 14 | 5   | 15   | 23,5 | 40,4 | 15 | 4  | 50        | PI11-08-18-N-0-360 |
|  | 8 | G1/4"  | 14  | 18 | 6,5 | 17,5 | 24,5 | 46   | 17 | 5  | 69,5      | PI11-08-14-N-0-360 |
|  |   |        |     |    |     |      |      |      |    |    |           |                    |



# PI12 Suora Kierreläitin - Kierre lieriömäinen



| Ø  | D1       | D2 | D3   | L1  | L2   | CH1 | CH2 | Paino [g] | Tyyppi               |
|----|----------|----|------|-----|------|-----|-----|-----------|----------------------|
| 3  | M3x0,5   | 7  | 5,6  | 3   | 14,5 | -   | 1,5 | 1,4       | PI12-03-M3-N-0       |
| 3  | M5x0,8   | 7  | 8    | 4   | 15   | -   | 2   | 2,3       | PI12-03-M5-N-0       |
| 4  | M5x0,8   | 9  | 8    | 4   | 19   | -   | 2,5 | 4,4       | PI12-04-M5-N-0       |
| 4  | M6x1     | 9  | 9    | 4,5 | 19,5 | -   | 3   | 4,3       | PI12-04-M6-N-0       |
| 4  | G1/8"    | 9  | 13   | 5   | 16,5 | 9   | 3   | 6,1       | PI12-04-18-N-0       |
| 4  | G1/4"    | 9  | 16   | 6,5 | 18,5 | 9   | 3   | 12        | PI12-04-14-N-0       |
| 6  | M5x0,8   | 12 | 8    | 4   | 22   | -   | 2,5 | 8,6       | PI12-06-M5-N-0       |
| 6  | M6x1     | 12 | 9    | 4,5 | 22,5 | -   | 3   | 8,9       | PI12-06-M6-N-0       |
| 6  | M12x1,25 | 12 | 15   | 6,5 | 21   | 12  | 4   | 11,8      | PI12-06-M12X1,25-N-0 |
| 6  | M12x1,5  | 12 | 15   | 6,5 | 21   | 12  | 4   | 12,9      | PI12-06-M12X1,5-N-0  |
| 6  | G1/8"    | 12 | 13,5 | 5   | 19,5 | 12  | 4   | 9,1       | PI12-06-18-N-0       |
| 6  | G1/4"    | 12 | 16   | 6,5 | 19,5 | 12  | 4   | 12,7      | PI12-06-14-N-0       |
| 6  | G3/8"    | 12 | 20   | 7   | 20,5 | 12  | 4   | -         | PI12-06-38-N-0       |
| 6  | G1/2"    | 12 | 25   | 8,5 | 22,5 | 12  | 4   | -         | PI12-06-12-N-0       |
| 8  | G1/8"    | 14 | 14,5 | 5   | 23,5 | 13  | 6   | 11,5      | PI12-08-18-N-0       |
| 8  | G1/4"    | 14 | 16   | 6,5 | 21,5 | 14  | 6   | 13,9      | PI12-08-14-N-0       |
| 8  | G3/8"    | 14 | 20   | 7   | 21   | 14  | 6   | 20,1      | PI12-08-38-N-0       |
| 8  | G1/2"    | 14 | 25   | 8,5 | 23   | 14  | 6   | 34,3      | PI12-08-12-N-0       |
| 10 | G1/8"    | 16 | 13   | 5   | 26,5 | 15  | 8   |           | PI12-10-18-N-0-YA    |
| 10 | G1/4"    | 16 | 16,5 | 6,5 | 27,5 | 15  | 8   | 17,5      | PI12-10-14-N-0       |
| 10 | G3/8"    | 16 | 20   | 7   | 25   | 16  | 8   | 22,6      | PI12-10-38-N-0       |
| 10 | G1/2"    | 16 | 25   | 8,5 | 25,5 | 16  | 8   | 34,5      | PI12-10-12-N-0       |
| 12 | G1/4"    | 19 | 21   | 6,5 | 28,5 | 19  | 8   | 26,2      | PI12-12-14-N-0       |
| 12 | G3/8"    | 19 | 21   | 7   | 28,5 | 19  | 10  | 29        | PI12-12-38-N-0       |
| 12 | G1/2"    | 19 | 25   | 8,5 | 26,5 | 19  | 10  | 36,1      | PI12-12-12-N-0       |
| 14 | G3/8"    | 22 | 25   | 7   | 32   | 22  | 10  | 37,5      | PI12-14-38-N-0       |
| 14 | G1/2"    | 22 | 25   | 8,5 | 32   | 22  | 12  | 42,4      | PI12-14-12-N-0       |
| 16 | G1/2"    | 24 | 28   | 8,5 | 34,5 | 25  | 13  | 53,6      | PI12-16-12-N-0-YA    |
| 16 | G3/4"    | 24 | 28   | 9,5 | 32   | 24  | 13  | 68,2      | PI12-16-34-N-0       |



## PI12C Suora Kierreltiin - Kierre kartiomainen

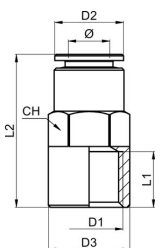
|  | Ø  | D1    | D2 | L1   | L2   | CH1 | CH2 | Paino [g] | Tyyppi             |
|--|----|-------|----|------|------|-----|-----|-----------|--------------------|
|  | 4  | R1/8" | 9  | 7,5  | 16   | 10  | 3   | 5,5       | PI12C-04-18-N-T    |
|  | 4  | R1/4" | 9  | 11   | 20,5 | 14  | 3   | 16,1      | PI12C-04-14-N-T    |
|  | 6  | R1/8" | 12 | 7,5  | 21   | 12  | 4   | 8,7       | PI12C-06-18-N-T    |
|  | 6  | R1/4" | 12 | 11   | 20,5 | 14  | 4   | 15,8      | PI12C-06-14-N-T    |
|  | 6  | R3/8" | 12 | 11,5 | 21   | 17  | 4   | -         | PI12C-06-38-N-T-YA |
|  | 8  | R1/8" | 14 | 7,5  | 25   | 14  | 6   | 13,2      | PI12C-08-18-N-T    |
|  | 8  | R1/4" | 14 | 11   | 23,5 | 14  | 6   | 13,9      | PI12C-08-14-N-T    |
|  | 8  | R3/8" | 14 | 11,5 | 22,5 | 17  | 6   | 23,6      | PI12C-08-38-N-T    |
|  | 8  | R1/2" | 14 | 14   | 25   | 22  | 6   | -         | PI12C-08-12-N-T    |
|  | 10 | R1/8" | 16 | 7,5  | 28   | 16  | 6   | -         | PI12C-10-18-N-T    |
|  | 10 | R1/4" | 16 | 11   | 30,5 | 16  | 8   | 20,2      | PI12C-10-14-N-T    |
|  | 10 | R3/8" | 16 | 11,5 | 24   | 17  | 8   | 20        | PI12C-10-38-N-T    |
|  | 10 | R1/2" | 16 | 14   | 27   | 22  | 8   | 47,5      | PI12C-10-12-N-T    |
|  | 12 | R1/4" | 19 | 11   | 32   | 19  | 8   | 28,5      | PI12C-12-14-N-T    |
|  | 12 | R3/8" | 19 | 11,5 | 27,5 | 19  | 10  | 24,1      | PI12C-12-38-N-T    |
|  | 12 | R1/2" | 19 | 14   | 27,5 | 22  | 10  | 42,3      | PI12C-12-12-N-T    |
|  | 14 | R3/8" | 22 | 11,5 | 35,5 | 22  | 10  | 40,1      | PI12C-14-38-N-T    |
|  | 14 | R1/2" | 22 | 14   | 32,5 | 22  | 12  | 39,5      | PI12C-14-12-N-T    |

## PI12 Supistus

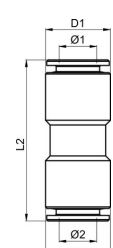
|  | Ø  | D1 | D2 | L1   | Paino [g] | Tyyppi       |
|--|----|----|----|------|-----------|--------------|
|  | 3  | 4  | 7  | 27   | 2,5       | PI12-03-04-N |
|  | 4  | 6  | 9  | 33,5 | 7         | PI12-04-06-N |
|  | 4  | 8  | 9  | 33,5 | 10        | PI12-04-08-N |
|  | 4  | 10 | 10 | 31,5 | 15        | PI12-04-10-N |
|  | 4  | 12 | 12 | 32,5 | 24,5      | PI12-04-12-N |
|  | 6  | 4  | 12 | 35,5 | 10        | PI12-06-04-N |
|  | 6  | 8  | 12 | 35   | 11,5      | PI12-06-08-N |
|  | 6  | 10 | 12 | 36,5 | 16,5      | PI12-06-10-N |
|  | 6  | 12 | 12 | 35,5 | 22,2      | PI12-06-12-N |
|  | 6  | 14 | 14 | 37,5 | 25        | PI12-06-14-N |
|  | 8  | 6  | 14 | 39,5 | 13,5      | PI12-08-06-N |
|  | 8  | 10 | 14 | 37   | 15        | PI12-08-10-N |
|  | 8  | 12 | 14 | 39   | 23        | PI12-08-12-N |
|  | 8  | 14 | 14 | 38,5 | 31,5      | PI12-08-14-N |
|  | 10 | 12 | 16 | 42   | 20        | PI12-10-12-N |
|  | 10 | 14 | 16 | 42   | 29,5      | PI12-10-14-N |
|  | 12 | 14 | 19 | 43   | 24        | PI12-12-14-N |
|  | 14 | 16 | 22 | 49,5 | 91,8      | PI12-14-16-N |



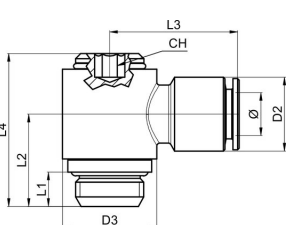
## PI13 Suora Kierremuhviliitin

|  | Ø  | D1    | D2   | D3   | L1   | L2   | CH | Paino [g] | Tyyppi          |
|-----------------------------------------------------------------------------------|----|-------|------|------|------|------|----|-----------|-----------------|
|                                                                                   | 4  | G1/8" | 9    | 13   | 7,5  | 23,5 | 9  | 10        | PI13-04-18-N    |
|                                                                                   | 6  | G1/8" | 12   | 14   | 7,5  | 26   | 12 | 15,1      | PI13-06-18-N    |
|                                                                                   | 6  | G1/4" | 12   | 16   | 11   | 30   | 12 | 18,5      | PI13-06-14-N    |
|                                                                                   | 8  | G1/8" | 14   | 13   | 7,5  | 26   | 14 | 17,5      | PI13-08-18-N    |
|                                                                                   | 8  | G1/4" | 14   | 16   | 11   | 30   | 14 | 20,2      | PI13-08-14-N    |
|                                                                                   | 8  | G3/8" | 14   | 20   | 12   | 31   | 14 | 25,9      | PI13-08-38-N    |
|                                                                                   | 10 | G1/4" | 16   | 16   | 11   | 32   | 16 | 24,4      | PI13-10-14-N    |
|                                                                                   | 10 | G3/8" | 16   | 20   | 12   | 33,5 | 16 | 30,3      | PI13-10-38-N    |
|                                                                                   | 10 | G1/2" | 16   | 25   | 13,5 | 36,5 | 16 | 45        | PI13-10-12-N    |
|                                                                                   | 12 | G3/8" | 19   | 23,1 | 11   | 34   | 20 | 38,3      | PI13-12-38-N-YA |
|                                                                                   | 12 | G1/2" | 18,8 | 25   | 11   | 37   | 19 | 50,9      | PI13-12-12-N-YA |

## PI13 Suora liitin

|  | Ø 1 | Ø 2 | D1  |     | L1   | Paino [g] | Tyyppi          |
|------------------------------------------------------------------------------------|-----|-----|-----|-----|------|-----------|-----------------|
|                                                                                    | 3   | 3   | 6,5 | 6,5 | 22,5 | 2,7       | PI13-03-N       |
|                                                                                    | 4   | 4   | 9   | 9   | 28   | 6,8       | PI13-04-N       |
|                                                                                    | 6   | 6   | 12  | 12  | 33,5 | 15        | PI13-06-N       |
|                                                                                    | 6   | 4   | 12  | 12  | 31   | 14,7      | PI13-06-04-N    |
|                                                                                    | 8   | 8   | 14  | 14  | 34   | 18        | PI13-08-N       |
|                                                                                    | 8   | 6   | 14  | 14  | 34   | 21        | PI13-08-06-N    |
|                                                                                    | 10  | 10  | 16  | 16  | 38,5 | 22,5      | PI13-10-N       |
|                                                                                    | 10  | 8   | 16  | 16  | 36,5 | 25,2      | PI13-10-08-N    |
|                                                                                    | 12  | 12  | 19  | 19  | 41   | 37        | PI13-12-N       |
|                                                                                    | 12  | 8   | 19  | 14  | 39   | -         | PI13-12-08-N    |
|                                                                                    | 12  | 10  | 19  | 16  | 40,5 | -         | PI13-12-10-N    |
|                                                                                    | 14  | 14  | 22  | 22  | 47   | 47,4      | PI13-14-N       |
|                                                                                    | 14  | 12  | 22  | 19  | 44,5 | -         | PI13-14-12-N-YA |
|                                                                                    | 16  | 16  | 24  | 24  | 47   | 63,2      | PI13-16-N       |
|                                                                                    | 16  | 12  | 24  | 19  | 44,5 | -         | PI13-16-12-N    |
|                                                                                    | 16  | 14  | 24  | 22  | 47   | -         | PI13-16-14-N    |

## PI14-360 Kääntyvä kulmaruuviliitin - Kierre lieriömäinen

|  | Ø  | D1     | D2 | D3 | L1  | L2   | L3   | L4   | CH | Paino [g] | Tyyppi             |
|-------------------------------------------------------------------------------------|----|--------|----|----|-----|------|------|------|----|-----------|--------------------|
|                                                                                     | 3  | M3x0,5 | 7  | 7  | 3   | 8,5  | 13   | 14   | 2  | 4,6       | PI14-03-M3-N-0-360 |
|                                                                                     | 3  | M5x0,8 | 7  | 10 | 4   | 11   | 14,5 | 19   | 3  | 8,1       | PI14-03-M5-N-0-360 |
|                                                                                     | 4  | M5x0,8 | 9  | 10 | 4   | 11   | 18,5 | 19   | 3  | 10,1      | PI14-04-M5-N-0-360 |
|                                                                                     | 4  | G1/8"  | 9  | 14 | 5   | 15   | 20,5 | 25,5 | 4  | 22,2      | PI14-04-18-N-0-360 |
|                                                                                     | 6  | M5x0,8 | 12 | 10 | 4   | 11   | 21,5 | 19   | 3  | 13,3      | PI14-06-M5-N-0-360 |
|                                                                                     | 6  | G1/8"  | 12 | 14 | 5   | 15   | 22,5 | 25,5 | 4  | 24,4      | PI14-06-18-N-0-360 |
|                                                                                     | 6  | G1/4"  | 12 | 18 | 6,5 | 17,5 | 24   | 29   | 5  | 39,3      | PI14-06-14-N-0-360 |
|                                                                                     | 8  | G1/8"  | 14 | 14 | 5   | 15   | 23,5 | 25,5 | 4  | 25,7      | PI14-08-18-N-0-360 |
|                                                                                     | 8  | G1/4"  | 14 | 18 | 6,5 | 17,5 | 24,5 | 29   | 5  | 39,1      | PI14-08-14-N-0-360 |
|                                                                                     | 10 | G1/4"  | 16 | 18 | 6,5 | 17,5 | 27   | 29   | 5  | 43,6      | PI14-10-14-N-0-360 |
|                                                                                     | 10 | G3/8"  | 16 | 22 | 7   | 19,5 | 29   | 32,5 | 6  | 62,2      | PI14-10-38-N-0-360 |
|                                                                                     | 12 | G3/8"  | 19 | 22 | 7   | 19,5 | 29,5 | 32,5 | 6  | 67,1      | PI14-12-38-N-0-360 |
|                                                                                     | 12 | G1/2"  | 19 | 26 | 8,5 | 24   | 31,5 | 39,5 | 8  | 114,8     | PI14-12-12-N-0-360 |

Versio 8

148922 / Luotu 2026/41 FI

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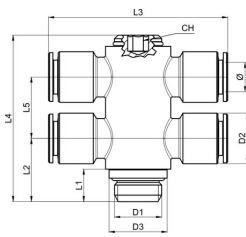
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Avaa sarja verkossa

Sivu 5 / 14

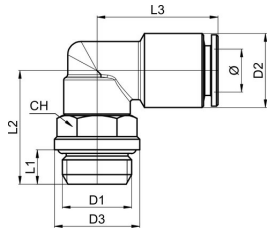


# **PI15-360 Kääntyvä T-kierrektykentä - kahdella T-rengasliittimellä**

|                                                                                   |   |        |    |    |     |      |    |      |    |    |           |                    |
|-----------------------------------------------------------------------------------|---|--------|----|----|-----|------|----|------|----|----|-----------|--------------------|
|  | Ø | D1     | D2 | D3 | L1  | L2   | L3 | L4   | L5 | CH | Paino [g] | Tyyppi             |
|                                                                                   | 4 | M5x0,8 | 9  | 10 | 4   | 11   | 38 | 29   | 10 | 3  | 25        | PI15-04-M5-N-0-360 |
|                                                                                   | 4 | G1/8"  | 9  | 14 | 5   | 15   | 41 | 40,5 | 15 | 4  | 50        | PI15-04-18-N-0-360 |
|                                                                                   | 6 | G1/8"  | 12 | 14 | 5   | 15   | 45 | 40,5 | 15 | 4  | 59        | PI15-06-18-N-0-360 |
|                                                                                   | 6 | G1/4"  | 12 | 18 | 6,5 | 17,5 | 48 | 46   | 17 | 5  | 82        | PI15-06-14-N-0-360 |
|                                                                                   | 8 | G1/8"  | 14 | 14 | 5   | 15   | 47 | 40,5 | 15 | 4  | 61        | PI15-08-18-N-0-360 |
|                                                                                   | 8 | G1/4"  | 14 | 18 | 6,5 | 17,5 | 49 | 46   | 17 | 5  | 83,5      | PI15-08-14-N-0-360 |
|                                                                                   |   |        |    |    |     |      |    |      |    |    |           |                    |



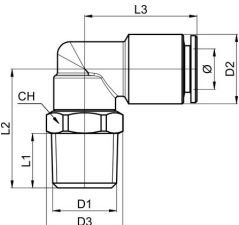
# PI16-360 Kääntyvä kulmaruuviliitin - Kierre lieriömäinen



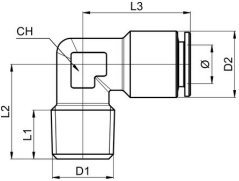
| Ø  | D1       | D2 | D3   | L1  | L2   | L3   | CH | Paino [g] | Tyyppi                   |
|----|----------|----|------|-----|------|------|----|-----------|--------------------------|
| 3  | M5x0,8   | 7  | 10   | 4   | 14   | 14   | 9  | 7,1       | PI16-03-M5-N-0-360       |
| 4  | M5x0,8   | 9  | 10   | 4   | 14   | 17,5 | 9  | 8,8       | PI16-04-M5-N-0-360       |
| 4  | M6x1     | 9  | 10   | 4,5 | 14,5 | 17,5 | 9  | 8,7       | PI16-04-M6-N-0-360       |
| 4  | G1/8"    | 9  | 14,5 | 5   | 18,2 | 19,5 | 13 | 15,7      | PI16-04-18-N-0-360       |
| 4  | G1/4"    | 9  | 16   | 6,5 | 21,7 | 19,5 | 13 | 19        | PI16-04-14-N-0-360       |
| 6  | M5x0,8   | 12 | 10   | 4   | 14   | 20,5 | 9  | 11,9      | PI16-06-M5-N-0-360       |
| 6  | M6x1     | 12 | 10   | 4,5 | 14,5 | 20,5 | 9  | 12        | PI16-06-M6-N-0-360       |
| 6  | M12x1,25 | 12 | 15   | 6,5 | 21,7 | 22   | 13 | 22        | PI16-06-M12X1,25-N-0-360 |
| 6  | M12x1,5  | 12 | 15   | 6,5 | 21,7 | 22   | 13 | 21,5      | PI16-06-M12X1,5-N-0-360  |
| 6  | G1/8"    | 12 | 14,5 | 5   | 18   | 22   | 13 | 18,5      | PI16-06-18-N-0-360       |
| 6  | G1/4"    | 12 | 16   | 6,5 | 21,7 | 22   | 13 | 22        | PI16-06-14-N-0-360       |
| 6  | G3/8"    | 12 | 20   | 7   | 22,2 | 22   | 13 | -         | PI16-06-38-N-0-360       |
| 6  | G1/2"    | 12 | 25   | 8,5 | 24,2 | 22   | 13 | -         | PI16-06-12-N-0-360       |
| 8  | G1/8"    | 14 | 14,5 | 5   | 18   | 22,5 | 13 | 22        | PI16-08-18-N-0-360       |
| 8  | G1/4"    | 14 | 16   | 6,5 | 21,5 | 22,5 | 13 | 26        | PI16-08-14-N-0-360       |
| 8  | G3/8"    | 14 | 20   | 7   | 25,5 | 23   | 16 | 36,8      | PI16-08-38-N-0-360       |
| 8  | G1/2"    | 14 | 25   | 8,5 | 27,5 | 23   | 16 | 41        | PI16-08-12-N-0-360       |
| 10 | G1/8"    | 16 | 18   | 5   | 20,5 | 26   | 16 | -         | PI16-10-18-N-0-360-YC    |
| 10 | G1/4"    | 16 | 18   | 6,5 | 22   | 26   | 16 | 32,5      | PI16-10-14-N-0-360       |
| 10 | G3/8"    | 16 | 20   | 7   | 25,5 | 26   | 16 | 39,5      | PI16-10-38-N-0-360       |
| 10 | G1/2"    | 16 | 25   | 8,5 | 27,5 | 26   | 16 | 43,2      | PI16-10-12-N-0-360       |
| 12 | G1/4"    | 19 | 22,5 | 6,5 | 25,5 | 28,5 | 20 | 58,5      | PI16-12-14-N-0-360       |
| 12 | G3/8"    | 19 | 22,5 | 7   | 26   | 28,5 | 20 | 57        | PI16-12-38-N-0-360       |
| 12 | G1/2"    | 19 | 25   | 8,5 | 30,5 | 28,5 | 20 | 65,1      | PI16-12-12-N-0-360       |
| 14 | G3/8"    | 22 | 22,5 | 7   | 26   | 32   | 20 | 61,6      | PI16-14-38-N-0-360       |
| 14 | G1/2"    | 22 | 25   | 8,5 | 30,5 | 32   | 20 | 68,5      | PI16-14-12-N-0-360       |
| 16 | G1/2"    | 24 | 27   | 8,5 | 33   | 36,5 | 25 | 105,2     | PI16-16-12-N-0-360       |
| 16 | G3/4"    | 24 | 32   | 9,5 | 35   | 36,5 | 25 | 113,8     | PI16-16-34-N-0-360       |



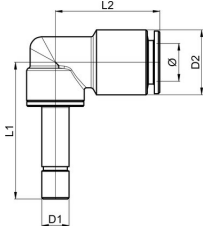
## PI16C-360 Kääntyvä kulmaruuviliitin - Kierre kartiomainen

|  | Ø  | D1    | D2 | D3   | L1   | L2   | L3   | CH | Paino [g] | Tyyppi              |
|-----------------------------------------------------------------------------------|----|-------|----|------|------|------|------|----|-----------|---------------------|
|                                                                                   | 4  | R1/8" | 9  | 11,2 | 7,5  | 17,9 | 19,5 | 10 | 10,8      | PI16C-04-18-N-T-360 |
|                                                                                   | 4  | R1/4" | 9  | 15,5 | 11   | 24   | 19,5 | 14 | 20,9      | PI16C-04-14-N-T-360 |
|                                                                                   | 6  | R1/8" | 12 | 14,5 | 7,5  | 20   | 22   | 13 | 19,4      | PI16C-06-18-N-T-360 |
|                                                                                   | 6  | R1/4" | 12 | 15,5 | 11   | 24   | 22   | 14 | 24        | PI16C-06-14-N-T-360 |
|                                                                                   | 6  | R3/8" | 12 | 20   | 11,5 | 25   | 22   | 18 | -         | PI16C-06-38-N-T-360 |
|                                                                                   | 8  | R1/8" | 14 | 14,5 | 7,5  | 20   | 22,5 | 13 | 23        | PI16C-08-18-N-T-360 |
|                                                                                   | 8  | R1/4" | 14 | 15,5 | 11   | 24   | 22,5 | 14 | 26,4      | PI16C-08-14-N-T-360 |
|                                                                                   | 8  | R3/8" | 14 | 20   | 11,5 | 27   | 23   | 18 | 39,2      | PI16C-08-38-N-T-360 |
|                                                                                   | 8  | R1/2" | 14 | 24,5 | 14   | 31   | 23   | 22 | -         | PI16C-08-12-N-T-360 |
|                                                                                   | 10 | R1/8" | 16 | 20   | 7,5  | 26,5 | 23   | 18 | -         | PI16C-10-18-N-T-360 |
|                                                                                   | 10 | R1/4" | 16 | 20   | 11   | 26,5 | 26   | 18 | 38,6      | PI16C-10-14-N-T-360 |
|                                                                                   | 10 | R3/8" | 16 | 20   | 11,5 | 27   | 26   | 18 | 41        | PI16C-10-38-N-T-360 |
|                                                                                   | 10 | R1/2" | 16 | 24,5 | 14   | 31   | 26   | 22 | -         | PI16C-10-12-N-T-360 |
|                                                                                   | 12 | R1/4" | 19 | 22,5 | 11   | 30   | 28,5 | 20 | -         | PI16C-12-14-N-T-36  |
|                                                                                   | 12 | R3/8" | 19 | 22,5 | 11,5 | 30,5 | 28,5 | 20 | 61,8      | PI16C-12-38-N-T-360 |
|                                                                                   | 12 | R1/2" | 19 | 24,5 | 14   | 33,5 | 28,5 | 22 | 71,5      | PI16C-12-12-N-T-360 |
|                                                                                   | 14 | R3/8" | 22 | 22,5 | 11,5 | 30,5 | 32   | 20 | 66,2      | PI16C-14-38-N-T-360 |
|                                                                                   | 14 | R1/2" | 22 | 24,5 | 14   | 33,5 | 32   | 22 | 74,6      | PI16C-14-12-N-T-360 |

## PI16C Kulmaruuvattava kulmaliitin - Kartiokierrettä kierre

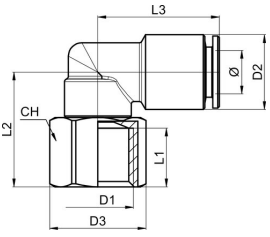
|  | Ø  | D1    | D2 | L1   | L2   | L3   | CH | Paino [g] | Tyyppi          |
|-------------------------------------------------------------------------------------|----|-------|----|------|------|------|----|-----------|-----------------|
|                                                                                     | 4  | R1/8" | 9  | 7,8  | 15   | 17,5 | 8  | 8,1       | PI16C-04-18-N-T |
|                                                                                     | 4  | R1/4" | 9  | 10   | 19   | 17,5 | 10 | 13,9      | PI16C-04-14-N-T |
|                                                                                     | 6  | R1/8" | 12 | 8,2  | 15,5 | 20,5 | 10 | 13,2      | PI16C-06-18-N-T |
|                                                                                     | 6  | R1/4" | 12 | 10   | 19   | 20,5 | 10 | 16,7      | PI16C-06-14-N-T |
|                                                                                     | 8  | R1/8" | 14 | 7,5  | 19   | 22,5 | 12 | 19,6      | PI16C-08-18-N-T |
|                                                                                     | 8  | R1/4" | 14 | 10,5 | 20   | 22,5 | 12 | 22,6      | PI16C-08-14-N-T |
|                                                                                     | 10 | R1/4" | 16 | 9,5  | 22   | 25   | 14 | 27,1      | PI16C-10-14-N-T |
|                                                                                     | 10 | R3/8" | 16 | 10,8 | 22,5 | 25   | 14 | 32,1      | PI16C-10-38-N-T |

## PI16 Kulmaliitin pistotulpalla

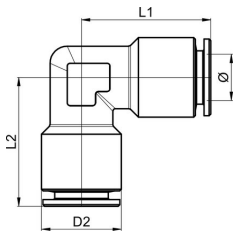
|  | Ø  | L1   | L2   | D1 | D2  | Paino [g] | Tyyppi       |
|-------------------------------------------------------------------------------------|----|------|------|----|-----|-----------|--------------|
|                                                                                     | 4  | 25,7 | 19,5 | 4  | 9,1 | 14        | PI16-04-N    |
|                                                                                     | 4  | 29,7 | 19,5 | 6  | 9,1 | 15        | PI16-04-06-N |
|                                                                                     | 6  | 25,7 | 22   | 4  | 12  | 17        | PI16-06-04-N |
|                                                                                     | 6  | 29,7 | 22   | 6  | 12  | 17        | PI16-06-N    |
|                                                                                     | 6  | 29,7 | 22   | 8  | 12  | 17,5      | PI16-06-08-N |
|                                                                                     | 8  | 29,5 | 22,5 | 6  | 14  | 20,5      | PI16-08-06-N |
|                                                                                     | 8  | 29,5 | 22,5 | 8  | 14  | 20,5      | PI16-08-N    |
|                                                                                     | 10 | 33,5 | 26   | 10 | 16  | 30        | PI16-10-N    |



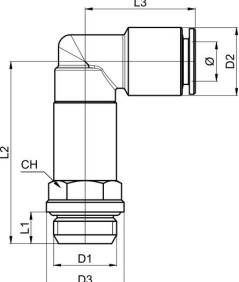
### PI17-360 Kääntyvä kulmaruuviliitin

|  | Ø  | D1    | D2  | D3   | L1   | L2   | L3   | CH | Paino [g] | Tyyppi           |
|-----------------------------------------------------------------------------------|----|-------|-----|------|------|------|------|----|-----------|------------------|
|                                                                                   | 4  | G1/8" | 9,1 | 14,5 | 6,5  | 17,9 | 19,5 | 13 | 17,3      | PI17-04-18-N-360 |
|                                                                                   | 6  | G1/8" | 12  | 14,5 | 6,5  | 17,9 | 22   | 13 | 19,7      | PI17-06-18-N-360 |
|                                                                                   | 6  | G1/4" | 12  | 18   | 10   | 22,2 | 22   | 16 | 25,4      | PI17-06-14-N-360 |
|                                                                                   | 8  | G1/8" | 14  | 14,5 | 6,5  | 17,7 | 22,5 | 13 | 23,1      | PI17-08-18-N-360 |
|                                                                                   | 8  | G1/4" | 14  | 18   | 10   | 22   | 22,5 | 16 | 29,1      | PI17-08-14-N-360 |
|                                                                                   | 10 | G1/4" | 16  | 18   | 10   | 23   | 26   | 16 | 35,6      | PI17-10-14-N-360 |
|                                                                                   | 10 | G3/8" | 16  | 22,5 | 10,5 | 25   | 26   | 20 | 43,5      | PI17-10-38-N-360 |
|                                                                                   |    |       |     |      |      |      |      |    |           |                  |

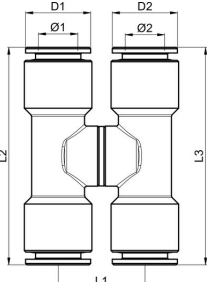
### PI17 Kulmaliitin

|  | Ø  | D2 | L1   | Paino [g] | Tyyppi    |
|-----------------------------------------------------------------------------------|----|----|------|-----------|-----------|
|                                                                                   | 3  | 7  | 12,8 | 4,5       | PI17-03-N |
|                                                                                   | 4  | 9  | 17,5 | 9         | PI17-04-N |
|                                                                                   | 6  | 12 | 20,5 | 16,5      | PI17-06-N |
|                                                                                   | 8  | 14 | 22,5 | 22        | PI17-08-N |
|                                                                                   | 10 | 16 | 25   | 29,5      | PI17-10-N |
|                                                                                   | 12 | 19 | 26,5 | 48,5      | PI17-12-N |
|                                                                                   | 14 | 22 | 31,5 | 58        | PI17-14-N |
|                                                                                   | 16 | 24 | 36,5 | 90,6      | PI17-16-N |

### PI19-360 Kääntyvä, pitkä kulmaruuviliitin - Kierre lieriömäinen

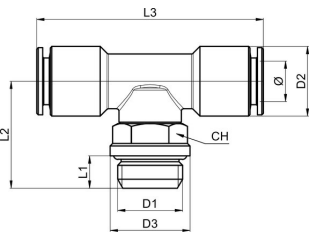
|  | Ø | D1    | D2  | D3   | L1  | L2   | L3   | CH | Paino [g] | Tyyppi             |
|-------------------------------------------------------------------------------------|---|-------|-----|------|-----|------|------|----|-----------|--------------------|
|                                                                                     | 4 | G1/8" | 9,1 | 14,5 | 5   | 29,2 | 19,5 | 13 | 25,6      | PI19-04-18-N-0-360 |
|                                                                                     | 6 | G1/8" | 12  | 14,5 | 5   | 32,2 | 22   | 13 | 30,5      | PI19-06-18-N-0-360 |
|                                                                                     | 6 | G1/4" | 12  | 16   | 6,5 | 35,7 | 22   | 13 | 30,9      | PI19-06-14-N-0-360 |
|                                                                                     | 8 | G1/8" | 14  | 14,5 | 5   | 34   | 22,5 | 13 | 35,7      | PI19-08-18-N-0-360 |
|                                                                                     | 8 | G1/4" | 14  | 18   | 6,5 | 37,5 | 22,5 | 13 | 36        | PI19-08-14-N-0-360 |
|                                                                                     |   |       |     |      |     |      |      |    |           |                    |

### PI20-360 Kääntyvä ristikulmayhde

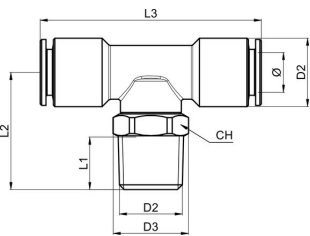
|  | Ø1 | Ø2 | L1   | L2 | L3 | D1  | D2  | Paino [g] | Tyyppi           |
|-------------------------------------------------------------------------------------|----|----|------|----|----|-----|-----|-----------|------------------|
|                                                                                     | 4  | 4  | 18,4 | 39 | 39 | 9,1 | 9,1 | 31        | PI20-04-N-360    |
|                                                                                     | 4  | 6  | 18,4 | 39 | 44 | 9,1 | 12  | 36        | PI20-04-06-N-360 |
|                                                                                     | 6  | 6  | 18   | 44 | 44 | 12  | 12  | 41        | PI20-06-N-360    |
|                                                                                     | 6  | 8  | 18   | 44 | 45 | 12  | 14  | 46,5      | PI20-06-08-N-360 |
|                                                                                     | 8  | 8  | 18   | 45 | 45 | 14  | 14  | 50        | PI20-08-N-360    |
|                                                                                     |    |    |      |    |    |     |     |           |                  |



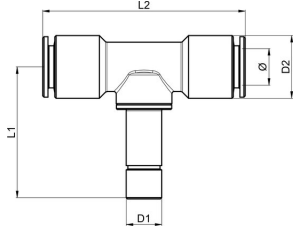
### PI21-360 Kääntyvä T-kierrektykentä - Kierre lieriömäinen

|  | Ø  | D1    | D2  | D3   | L1  | L2   | L3 | CH | Paino [g] | Tyyppi             |
|-----------------------------------------------------------------------------------|----|-------|-----|------|-----|------|----|----|-----------|--------------------|
|                                                                                   | 4  | G1/8" | 9,1 | 14,5 | 5   | 18,2 | 39 | 13 | 20,2      | PI21-04-18-N-0-360 |
|                                                                                   | 4  | G1/4" | 9,1 | 16   | 6,5 | 21,7 | 39 | 13 | 23,9      | PI21-04-14-N-0-360 |
|                                                                                   | 6  | G1/8" | 12  | 14,5 | 5   | 18   | 44 | 13 | 25,2      | PI21-06-18-N-0-360 |
|                                                                                   | 6  | G1/4" | 12  | 16   | 6,5 | 21,5 | 44 | 13 | 29,1      | PI21-06-14-N-0-360 |
|                                                                                   | 8  | G1/8" | 14  | 14,5 | 5   | 18   | 45 | 13 | 30,7      | PI21-08-18-N-0-360 |
|                                                                                   | 8  | G1/4" | 14  | 16   | 6,5 | 21,5 | 45 | 13 | 34,1      | PI21-08-14-N-0-360 |
|                                                                                   | 8  | G3/8" | 14  | 20   | 7   | 25,5 | 46 | 16 | 46,4      | PI21-08-38-N-0-360 |
|                                                                                   | 10 | G1/4" | 16  | 18   | 6,5 | 22   | 52 | 16 | 44,4      | PI21-10-14-N-0-360 |
|                                                                                   | 10 | G3/8" | 16  | 20   | 7   | 25,5 | 52 | 16 | 49,7      | PI21-10-38-N-0-360 |
|                                                                                   | 12 | G3/8" | 19  | 22,5 | 7   | 26   | 57 | 20 | 75,3      | PI21-12-38-N-0-360 |
|                                                                                   | 12 | G1/2" | 19  | 25   | 8,5 | 30,5 | 57 | 20 | 82        | PI21-12-12-N-0-360 |

### PI21C-360 Kääntyvä T-kierrektykentä - Kierre kartiomainen

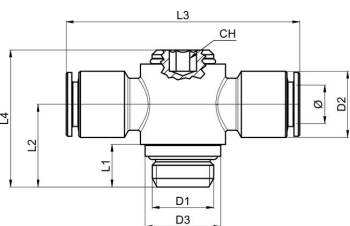
|  | Ø  | D1    | D2  | D3   | L1   | L2   | L3 | CH | Paino [g] | Tyyppi              |
|------------------------------------------------------------------------------------|----|-------|-----|------|------|------|----|----|-----------|---------------------|
|                                                                                    | 4  | R1/8" | 9,1 | 14,5 | 7,5  | 20,2 | 39 | 13 | 21,5      | PI21C-04-18-N-T-360 |
|                                                                                    | 4  | R1/4" | 9,1 | 15,5 | 11   | 24,2 | 39 | 14 | 25,6      | PI21C-04-14-N-T-360 |
|                                                                                    | 6  | R1/8" | 12  | 14,5 | 7,5  | 20   | 44 | 13 | 26,3      | PI21C-06-18-N-T-360 |
|                                                                                    | 6  | R1/4" | 12  | 15,5 | 11   | 24   | 44 | 14 | 30,4      | PI21C-06-14-N-T-360 |
|                                                                                    | 8  | R1/8" | 14  | 14,5 | 7,5  | 20   | 45 | 13 | 31,3      | PI21C-08-18-N-T-360 |
|                                                                                    | 8  | R1/4" | 14  | 15,5 | 11   | 24   | 45 | 14 | 35,3      | PI21C-08-14-N-T-360 |
|                                                                                    | 8  | R3/8" | 14  | 20   | 11,5 | 27   | 46 | 18 | 49,1      | PI21C-08-38-N-T-360 |
|                                                                                    | 10 | R1/4" | 16  | 20   | 11   | 26,5 | 52 | 18 | 50        | PI21C-10-14-N-T-360 |
|                                                                                    | 10 | R3/8" | 16  | 20   | 11,5 | 27   | 52 | 18 | 51,6      | PI21C-10-38-N-T-360 |
|                                                                                    | 12 | R3/8" | 19  | 22,5 | 11,5 | 30,5 | 57 | 20 | 80        | PI21C-12-38-N-T-360 |
|                                                                                    | 12 | R1/2" | 19  | 24,5 | 14   | 33,5 | 57 | 22 | 83,5      | PI21C-12-12-N-T-360 |

### PI21 T-liitin pistoliittimellä

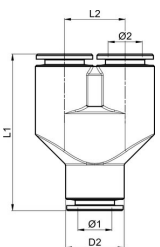
|  | Ø  | L1   | L2 | D1 | D2 | Paino [g] | Tyyppi          |
|-------------------------------------------------------------------------------------|----|------|----|----|----|-----------|-----------------|
|                                                                                     | 4  | 25,7 | 39 | 4  | 9  | 18,5      | PI21-04-N       |
|                                                                                     | 4  | 29,7 | 39 | 6  | 9  | 19,5      | PI21-04-06-04-N |
|                                                                                     | 6  | 29,5 | 44 | 6  | 12 | 24,5      | PI21-06-N       |
|                                                                                     | 6  | 29,5 | 44 | 8  | 12 | 24,5      | PI21-06-08-06-N |
|                                                                                     | 8  | 29,5 | 45 | 8  | 14 | 29        | PI21-08-N       |
|                                                                                     | 8  | 33,5 | 46 | 10 | 14 | 38,5      | PI21-08-10-08-N |
|                                                                                     | 10 | 33,5 | 52 | 10 | 16 | 41        | PI21-10-N       |



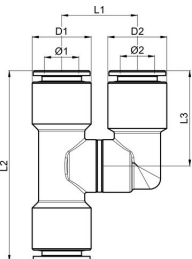
## PI22-360 Kääntyvä T-kierrekkytkentä - Kierre lieriömäinen

|  | Ø  | D1     | D2 | D3 | L1  | L2   | L3 | L4   | CH | Paino [g] | Tyyppi             |
|-----------------------------------------------------------------------------------|----|--------|----|----|-----|------|----|------|----|-----------|--------------------|
|                                                                                   | 4  | M5x0,8 | 9  | 10 | 4   | 11   | 38 | 19,1 | 3  | 13,8      | PI22-04-M5-N-0-360 |
|                                                                                   | 4  | G1/8"  | 9  | 14 | 5   | 15   | 41 | 25,5 | 4  | 27,4      | PI22-04-18-N-0-360 |
|                                                                                   | 6  | M5x0,8 | 12 | 10 | 4   | 11   | 43 | 19,1 | 3  | 19,9      | PI22-06-M5-N-0-360 |
|                                                                                   | 6  | G1/8"  | 12 | 14 | 5   | 15   | 45 | 25,5 | 4  | 32,1      | PI22-06-18-N-0-360 |
|                                                                                   | 6  | G1/4"  | 12 | 18 | 6,5 | 17,5 | 48 | 29   | 5  | 45,8      | PI22-06-14-N-0-360 |
|                                                                                   | 8  | G1/8"  | 14 | 14 | 5   | 15   | 47 | 25,5 | 4  | 34,1      | PI22-08-18-N-0-360 |
|                                                                                   | 8  | G1/4"  | 14 | 18 | 6,5 | 17,5 | 49 | 29   | 5  | 46,5      | PI22-08-14-N-0-360 |
|                                                                                   | 10 | G1/4"  | 16 | 18 | 6,5 | 17,5 | 54 | 29   | 5  | 55,2      | PI22-10-14-N-0-360 |
|                                                                                   | 10 | G3/8"  | 16 | 22 | 7   | 19,5 | 58 | 32,5 | 6  | 72,4      | PI22-10-38-N-0-360 |
|                                                                                   | 12 | G3/8"  | 19 | 22 | 7   | 19,5 | 59 | 32,5 | 6  | 79        | PI22-12-38-N-0-360 |
|                                                                                   | 12 | G1/2"  | 19 | 27 | 8,5 | 24   | 63 | 39,6 | 8  | 124,7     | PI22-12-12-N-0-360 |

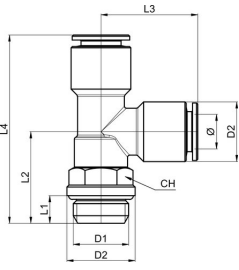
## PI23 Y-haaraliitin

|  | Ø1 | Ø2 | D2  | L1   | L2   | Paino [g] | Tyyppi       |
|-----------------------------------------------------------------------------------|----|----|-----|------|------|-----------|--------------|
|                                                                                   | 3  | 3  | 6,8 | 25   | 7,5  | 8,1       | PI23-06-N    |
|                                                                                   | 4  | 4  | 9   | 29,5 | 9,5  | 14,3      | PI23-04-N    |
|                                                                                   | 6  | 6  | 12  | 36,5 | 12,5 | 32,7      | PI23-06-N    |
|                                                                                   | 6  | 4  | 12  | 34,1 | 12,5 | 36,1      | PI23-04-06-N |
|                                                                                   | 8  | 8  | 14  | 37,5 | 14,5 | 44,1      | PI23-08-N    |
|                                                                                   | 8  | 6  | 14  | 37,5 | 14,5 | 51,1      | PI23-06-08-N |
|                                                                                   | 10 | 10 | 16  | 44,5 | 16,5 | 62,7      | PI23-10-N    |
|                                                                                   | 10 | 8  | 16  | 44   | 16,5 | 74,9      | PI23-08-10-N |
|                                                                                   | 12 | 12 | 19  | 49   | 19,5 | 95,8      | PI23-12-N    |

## PI23-360 Kääntyvä Y-liitin

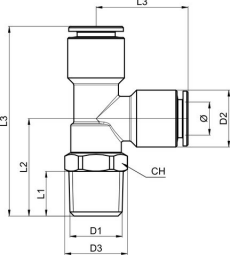
|  | Ø1 | Ø2 | L1   | L2 | L3   | D1  | D2  | Paino [g] | Tyyppi           |
|-------------------------------------------------------------------------------------|----|----|------|----|------|-----|-----|-----------|------------------|
|                                                                                     | 4  | 4  | 18,4 | 39 | 19,5 | 9,1 | 9,1 | 27        | PI23-04-N-360    |
|                                                                                     | 4  | 6  | 18,4 | 39 | 22   | 9,1 | 12  | 29,5      | PI23-04-06-N-360 |
|                                                                                     | 6  | 6  | 18,2 | 44 | 22   | 12  | 12  | 34,5      | PI23-06-N-360    |
|                                                                                     | 6  | 8  | 18   | 44 | 22,5 | 12  | 14  | 37,5      | PI23-06-08-N-360 |
|                                                                                     | 8  | 8  | 18   | 45 | 22,5 | 14  | 14  | 42        | PI23-08--N-360   |

## PI24-360 Kääntyvä T-kierrekkytkin - Kierre lieriömäinen

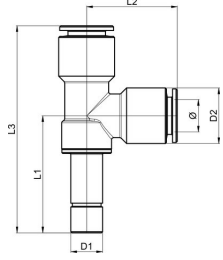
|  | Ø  | D1    | D2  | D3   | L1  | L2   | L3   | L4   | CH | Paino [g] | Tyyppi             |
|-------------------------------------------------------------------------------------|----|-------|-----|------|-----|------|------|------|----|-----------|--------------------|
|                                                                                     | 4  | G1/8" | 9,1 | 14,5 | 5   | 18,2 | 19,5 | 37,7 | 13 | 20,5      | PI24-04-18-N-0-360 |
|                                                                                     | 4  | G1/4" | 9,1 | 16   | 6,5 | 21,7 | 19,5 | 41,2 | 13 | 24        | PI24-04-14-N-0-360 |
|                                                                                     | 6  | G1/8" | 12  | 14,5 | 5   | 18,2 | 22   | 40,2 | 13 | 26        | PI24-06-18-N-0-360 |
|                                                                                     | 6  | G1/4" | 12  | 16   | 6,5 | 21,7 | 22   | 43,7 | 13 | 29,5      | PI24-06-14-N-0-360 |
|                                                                                     | 8  | G1/8" | 14  | 14,5 | 5   | 18   | 22,5 | 40,5 | 13 | 30        | PI24-08-18-N-0-360 |
|                                                                                     | 8  | G1/4" | 14  | 16   | 6,5 | 21,5 | 22,5 | 44   | 13 | 33,5      | PI24-08-14-N-0-360 |
|                                                                                     | 10 | G1/4" | 16  | 16   | 6,5 | 22   | 26   | 48   | 16 | 44        | PI24-10-14-N-0-360 |
|                                                                                     | 10 | G3/8" | 16  | 20   | 7   | 25,5 | 26   | 51,5 | 16 | 49        | PI24-10-38-N-0-360 |
|                                                                                     | 12 | G3/8" | 19  | 22,5 | 7   | 26   | 28,5 | 54,5 | 20 | 73        | PI24-12-38-N-0-360 |
|                                                                                     | 12 | G1/2" | 19  | 25   | 8,5 | 30,5 | 28,5 | 59   | 20 | 77        | PI24-12-12-N-0-360 |



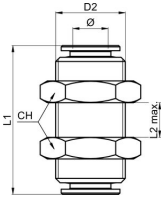
## PI24C-360 Kääntyvä T-kierrektytkin - Kierre kartiomainen

|  | Ø  | D1    | D2  | D3   | L1   | L2   | L3   | L4   | CH | Paino [g] | Tyyppi              |
|-----------------------------------------------------------------------------------|----|-------|-----|------|------|------|------|------|----|-----------|---------------------|
|                                                                                   | 4  | R1/8" | 9,1 | 14,5 | 7,5  | 20,2 | 19,5 | 39,5 | 13 | 22        | PI24C-04-18-N-T-360 |
|                                                                                   | 4  | R1/4" | 9,1 | 15,5 | 11   | 24,2 | 19,5 | 43,7 | 14 | 25,5      | PI24C-04-14-N-T-360 |
|                                                                                   | 6  | R1/8" | 12  | 14,5 | 7,5  | 20,2 | 22   | 42,2 | 13 | 27,5      | PI24C-06-18-N-T-360 |
|                                                                                   | 6  | R1/4" | 12  | 15,5 | 11   | 24,2 | 22   | 46,2 | 14 | 31        | PI24C-06-14-N-T-360 |
|                                                                                   | 8  | R1/8" | 14  | 14,5 | 7,5  | 20   | 22,5 | 42,5 | 13 | 31        | PI24C-08-18-N-T-360 |
|                                                                                   | 8  | R1/4" | 14  | 15,5 | 11   | 24   | 22,5 | 46,5 | 14 | 35        | PI24C-08-14-N-T-360 |
|                                                                                   | 10 | R1/4" | 16  | 20   | 11   | 26,5 | 26   | 52,5 | 18 | 50        | PI24C-10-14-N-T-360 |
|                                                                                   | 10 | R3/8" | 16  | 20   | 11,5 | 27   | 26   | 53   | 18 | 51        | PI24C-10-38-N-T-360 |
|                                                                                   | 12 | R3/8" | 19  | 22,5 | 11,5 | 30,5 | 28,5 | 59   | 20 | 75        | PI24C-12-38-N-T-360 |
|                                                                                   | 12 | R1/2" | 19  | 24,5 | 14   | 33,5 | 28,5 | 62   | 22 | 83,5      | PI24C-12-12-N-T-360 |

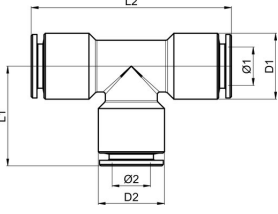
## PI24 L-liitin pistokeenipalla

|  | Ø  | L1   | L2   | L3   | D1 | D2  | Paino [g] | Tyyppi          |
|-----------------------------------------------------------------------------------|----|------|------|------|----|-----|-----------|-----------------|
|                                                                                   | 4  | 25,  | 19,5 | 45,2 | 4  | 9,1 | 18,5      | PI24-04-N       |
|                                                                                   | 4  | 29,7 | 19,5 | 49,2 | 6  | 9,1 | 20        | PI24-04-06-04-N |
|                                                                                   | 6  | 29,7 | 22   | 51,7 | 6  | 12  | 25        | PI24-06-N       |
|                                                                                   | 6  | 29,7 | 22   | 51,7 | 8  | 12  | 25,5      | PI24-06-08-06-N |
|                                                                                   | 8  | 29,5 | 22,5 | 52   | 8  | 14  | 30        | PI24-08-N       |
|                                                                                   | 10 | 33,5 | 26   | 59,5 | 10 | 16  | 41        | PI24-10-N       |

## PI27 Läpivientiliitin

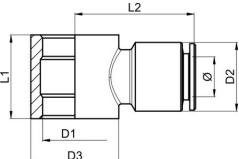
|  | Ø  | D2      | L1   | L2 max | CH | Paino [g] | Tyyppi    |
|-------------------------------------------------------------------------------------|----|---------|------|--------|----|-----------|-----------|
|                                                                                     | 3  | M8x0,75 | 22,5 | 9,5    | 12 | 14,5      | PI27-03-N |
|                                                                                     | 4  | M12x1   | 28   | 11     | 16 | 23,5      | PI27-04-N |
|                                                                                     | 6  | M14x1   | 34   | 16     | 18 | 33        | PI27-06-N |
|                                                                                     | 8  | M16x1   | 34   | 16     | 20 | 39,5      | PI27-08-N |
|                                                                                     | 10 | M18x1   | 39   | 19     | 22 | 51,5      | PI27-10-N |
|                                                                                     | 12 | M20x1   | 41   | 20     | 24 | 60        | PI27-12-N |

## PI29 T-liitin

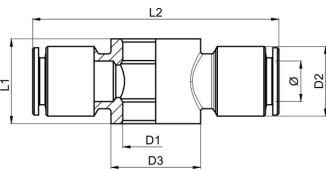
|  | Ø1 | Ø2 | D1 | D2 | L1   | L2   | Paino [g] | Tyyppi       |
|-------------------------------------------------------------------------------------|----|----|----|----|------|------|-----------|--------------|
|                                                                                     | 3  | 3  | 7  | 7  | 12,8 | 25,6 | 5,6       | PI29-03-N    |
|                                                                                     | 4  | 4  | 9  | 9  | 17,5 | 35   | 12,5      | PI29-04-N    |
|                                                                                     | 6  | 6  | 12 | 12 | 20   | 40   | 22,5      | PI29-06-N    |
|                                                                                     | 6  | 4  | 12 | 9  | 18   | 40   | -         | PI29-06-04-N |
|                                                                                     | 8  | 8  | 14 | 14 | 21   | 42   | 28        | PI29-08-N    |
|                                                                                     | 8  | 6  | 14 | 12 | 20,5 | 42   | -         | PI29-08-06-N |
|                                                                                     | 10 | 10 | 16 | 16 | 24,5 | 49   | 39,2      | PI29-10-N    |
|                                                                                     | 10 | 8  | 16 | 14 | 23   | 49   | -         | PI29-10-08-N |
|                                                                                     | 12 | 12 | 19 | 19 | 26   | 52   | 61,3      | PI29-12-N    |
|                                                                                     | 12 | 10 | 19 | 16 | 26   | 52   | -         | PI29-12-10-N |
|                                                                                     | 14 | 14 | 22 | 22 | 30,5 | 61   | 77,1      | PI29-14-N    |
|                                                                                     | 16 | 16 | 24 | 24 | 36,5 | 73   | 124       | PI29-16-N    |



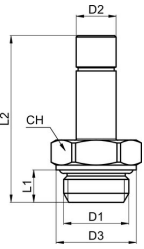
## PI35 L-rengasliitin

|  | Ø  | D1    | D2  | D3 | L1 | L2   | Paino [g] | Tyyppi          |
|-----------------------------------------------------------------------------------|----|-------|-----|----|----|------|-----------|-----------------|
|                                                                                   | 4  | M5    | 9,1 | 10 | 9  | 18,5 | 7,7       | PI35-04-M5-N    |
|                                                                                   | 4  | M5    | 9,1 | 10 | 10 | 18,5 | 6,6       | PI35-04-M5-N-M* |
|                                                                                   | 4  | G1/8" | 9,1 | 14 | 15 | 20,5 | 13,5      | PI35-04-18-N    |
|                                                                                   | 6  | M5    | 12  | 10 | 9  | 21,5 | 10,9      | PI35-06-M5-N    |
|                                                                                   | 6  | M5    | 12  | 10 | 10 | 21,5 | 10,1      | PI35-06-M5-N-M* |
|                                                                                   | 6  | G1/8" | 12  | 14 | 15 | 22,5 | 15,5      | PI35-06-18-N    |
|                                                                                   | 6  | G1/4" | 12  | 18 | 17 | 24   | 21,6      | PI35-06-14-N    |
|                                                                                   | 8  | G1/8" | 14  | 14 | 15 | 23,5 | 16,7      | PI35-08-18-N    |
|                                                                                   | 8  | G1/4" | 14  | 18 | 17 | 24,5 | 22,8      | PI35-08-14-N    |
|                                                                                   | 8  | G3/8" | 14  | 22 | 20 | 26,5 | 32,7      | PI35-08-38-N    |
|                                                                                   | 10 | G1/4" | 16  | 18 | 17 | 27   | 27,2      | PI35-10-14-N    |
|                                                                                   | 10 | G3/8" | 16  | 22 | 20 | 29   | 34,5      | PI35-10-38-N    |
|                                                                                   | 12 | G3/8" | 19  | 22 | 20 | 29,5 | 38,8      | PI35-12-38-N    |
|                                                                                   | 12 | G1/2" | 19  | 26 | 24 | 31,5 | 56,9      | PI35-12-12-N    |
| *varten varten Kääntökuristusventtiili ja Kääntyvä kuristus-takaiskuventtiili     |    |       |     |    |    |      |           |                 |

## PI36 T-rengasliitin

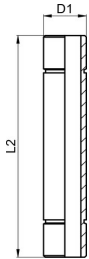
|  | Ø  | D1    | D2 | D3 | L1 | L2 | Paino [g] | Tyyppi       |
|------------------------------------------------------------------------------------|----|-------|----|----|----|----|-----------|--------------|
|                                                                                    | 4  | M5    | 9  | 10 | 9  | 37 | 10,9      | PI36-04-M5-N |
|                                                                                    | 4  | G1/8" | 9  | 14 | 15 | 41 | 18        | PI36-04-18-N |
|                                                                                    | 6  | G1/8" | 12 | 14 | 15 | 45 | 23        | PI36-06-18-N |
|                                                                                    | 6  | G1/4" | 12 | 18 | 17 | 48 | 28,7      | PI36-06-14-N |
|                                                                                    | 8  | G1/8" | 14 | 14 | 15 | 47 | 25,3      | PI36-08-18-N |
|                                                                                    | 8  | G1/4" | 14 | 18 | 17 | 49 | 29,7      | PI36-08-14-N |
|                                                                                    | 8  | G3/8" | 14 | 22 | 20 | 53 | 42,5      | PI36-08-38-N |
|                                                                                    | 10 | G1/4" | 16 | 18 | 17 | 54 | 37,9      | PI36-10-14-N |
|                                                                                    | 10 | G3/8" | 16 | 22 | 20 | 58 | 44,5      | PI36-10-38-N |
|                                                                                    | 12 | G3/8" | 19 | 22 | 20 | 59 | 51,3      | PI36-12-38-N |
|                                                                                    | 12 | G1/2" | 19 | 27 | 24 | 63 | 67,2      | PI36-12-12-N |

## PI38 Kierre-pistoliitin

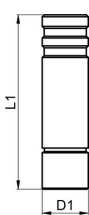
|  | Ø D2 [mm] | D1     | D3   | L1  | L2   | CH | Paino [g] | Tyyppi         |
|-------------------------------------------------------------------------------------|-----------|--------|------|-----|------|----|-----------|----------------|
|                                                                                     | 4         | M5x0,8 | 10   | 4   | 26   | 9  | 3,2       | PI38-04-M5-N-0 |
|                                                                                     | 4         | G1/8"  | 14,5 | 5   | 28   | 13 | 7,2       | PI38-04-18-N-0 |
|                                                                                     | 4         | G1/4"  | 16   | 6,5 | 29,5 | 16 | 12,4      | PI38-04-14-N-0 |
|                                                                                     | 6         | M5x0,8 | 10   | 4   | 28   | 9  | 5,9       | PI38-06-M5-N-0 |
|                                                                                     | 6         | G1/8"  | 14,5 | 5   | 30   | 13 | 8,5       | PI38-06-18-N-0 |
|                                                                                     | 6         | G1/4"  | 16   | 6,5 | 32,5 | 16 | 13,7      | PI38-06-14-N-0 |
|                                                                                     | 8         | G1/8"  | 14,5 | 5   | 31   | 13 | 9,4       | PI38-08-18-N-0 |
|                                                                                     | 8         | G1/4"  | 16   | 6,5 | 33,5 | 16 | 14,5      | PI38-08-14-N-0 |
|                                                                                     | 10        | G1/4"  | 16   | 6,5 | 34,5 | 16 | 15,5      | PI38-10-14-N-0 |
|                                                                                     | 10        | G3/8"  | 20   | 7   | 35   | 20 | 22        | PI38-10-38-N-0 |
|                                                                                     | 12        | G3/8"  | 20   | 7   | 38   | 20 | 23,6      | PI38-12-38-N-0 |
|                                                                                     | 12        | G1/2"  | 25   | 8,5 | 39,5 | 25 | 38        | PI38-12-12-N-0 |



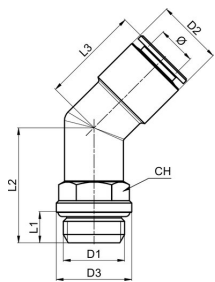
## PI38 Liitintappi

|  | D1 | L1 | Paino [g] | Tyyppi    |
|-----------------------------------------------------------------------------------|----|----|-----------|-----------|
|                                                                                   | 4  | 35 | 2,7       | PI38-04-N |
|                                                                                   | 6  | 40 | 5,1       | PI38-06-N |
|                                                                                   | 8  | 42 | 8         | PI38-08-N |
|                                                                                   | 10 | 50 | 11,8      | PI38-10-N |
|                                                                                   | 12 | 53 | 15,3      | PI38-12-N |
|                                                                                   | 14 | 54 | 18,8      | PI38-12-N |
|                                                                                   |    |    |           |           |

## PI40 Sulkunasta

|  | D1 | L1 | Paino [g] | Tyyppi    |
|-----------------------------------------------------------------------------------|----|----|-----------|-----------|
|                                                                                   | 3  | 20 | 1         | PI40-03-N |
|                                                                                   | 4  | 25 | 2,3       | PI40-04-N |
|                                                                                   | 6  | 25 | 3,7       | PI40-06-N |
|                                                                                   | 8  | 30 | 7,2       | PI40-08-N |
|                                                                                   | 10 | 35 | 11,8      | PI40-10-N |
|                                                                                   | 12 | 40 | 18,2      | PI40-12-N |
|                                                                                   | 14 | 40 | 26,2      | PI40-14-N |
|                                                                                   | 16 | 40 | 32,5      | PI40-16-N |

## PI85-360 Kääntävä kulmaruuviliitin 45° - Kierre lieriömäinen

|  | Ø  | D1    | D2 | D3   | L1  | L2   | L3 | CH | Paino [g] | Tyyppi             |
|-------------------------------------------------------------------------------------|----|-------|----|------|-----|------|----|----|-----------|--------------------|
|                                                                                     | 6  | G1/8" | 12 | 12,8 | 5   | 21   | 21 | 13 | -         | PI85-06-18-N-0-360 |
|                                                                                     | 6  | G1/4" | 12 | 16   | 6,5 | 24,5 | 21 | 13 | -         | PI85-06-14-N-0-360 |
|                                                                                     | 8  | G1/8" | 14 | 12,8 | 5   | 21   | 21 | 13 | -         | PI85-08-18-N-0-360 |
|                                                                                     | 8  | G1/4" | 14 | 16   | 6,5 | 24,5 | 21 | 13 | -         | PI85-08-14-N-0-360 |
|                                                                                     | 10 | G1/4" | 16 | 16   | 6,5 | 23   | 25 | 13 | -         | PI85-10-14-N-0-360 |
|                                                                                     | 10 | G3/8" | 16 | 20   | 7   | 26,5 | 25 | 16 | -         | PI85-10-38-N-0-360 |
|                                                                                     | 12 | G3/8" | 20 | 20   | 7   | 26   | 25 | 16 | -         | PI85-12-38-N-0-360 |
|                                                                                     | 12 | G1/2" | 20 | 25   | 8,5 | 30,5 | 25 | 20 | -         | PI85-12-12-N-0-360 |
|                                                                                     |    |       |    |      |     |      |    |    |           |                    |

Kuvat ei-sitova

Oikeus rakenne-, mitta- ja materiaalimuutoksiin pidätetään

Pneumatiikka / Liitoselementit ja kytkimet / Pistoliittimet / Pistoliittimet - Messinki, nikkelöity Paine -0,99...20bar / Supistus Sarja PI12 / [PI12-06-04-N] Supistus PI12-06-04-N

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