

## Tubing connections with collar



AVENTICS™ Tubing connections with collar



# Straight fitting, with sealing ring

- M5 G 1/8 G 1/4 G 3/8 G 1/2 G 3/4



Weight

See table below

## Technical data

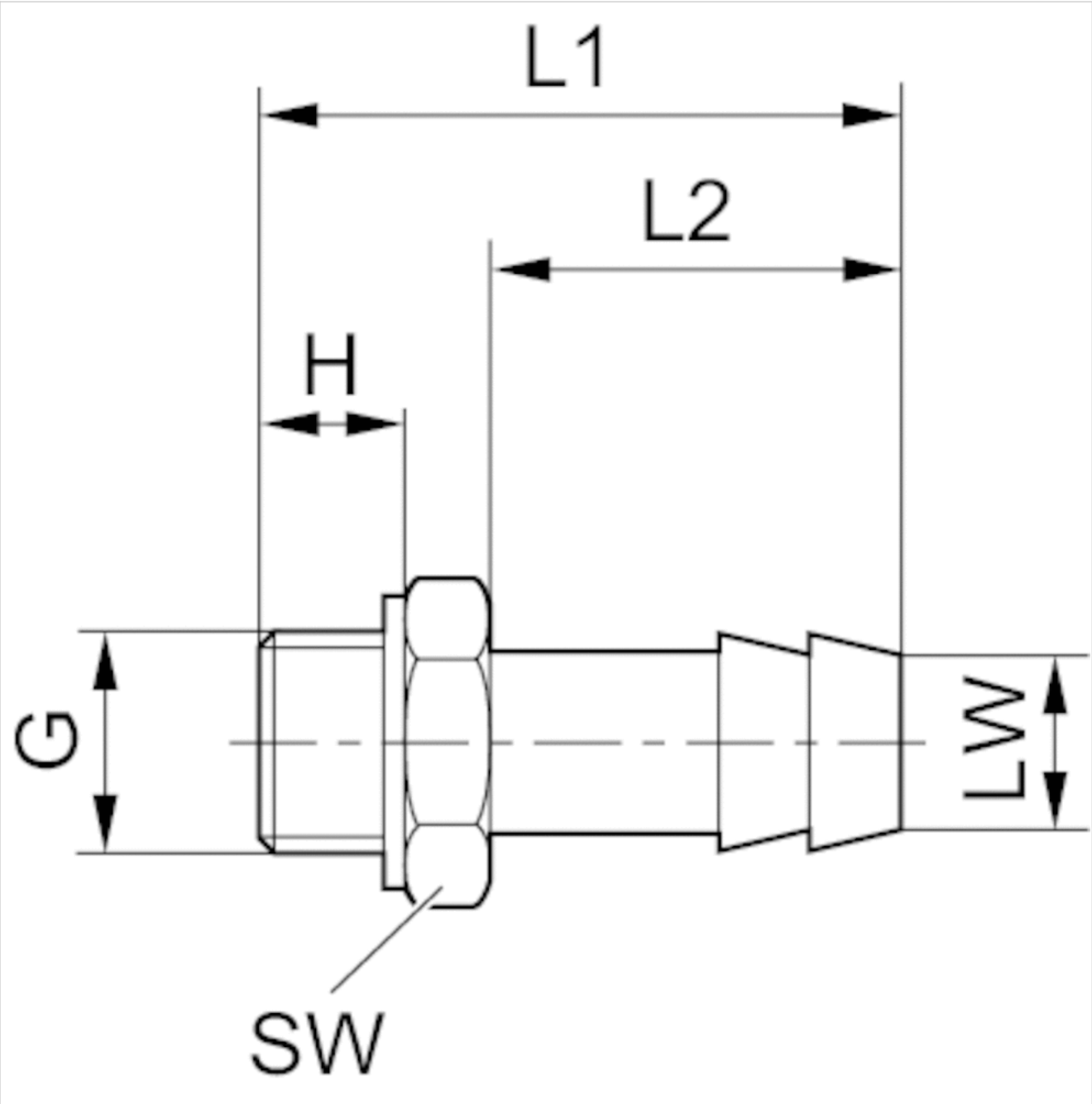
| Part No.   | Port G | Clearance (LW) | Delivery unit | Weight   |
|------------|--------|----------------|---------------|----------|
| 1823386006 | M5     | 4 mm           | 25 piece      | 0.003 kg |
| 1823386007 | G 1/8  | 4 mm           | 10 piece      | 0.006 kg |
| 1823386008 | G 1/8  | 6 mm           | 10 piece      | 0.011 kg |
| 1823386009 | G 1/8  | 8 mm           | 10 piece      | 0.013 kg |
| 1823386012 | G 1/4  | 4 mm           | 10 piece      | 0.018 kg |
| 1823386013 | G 1/4  | 6 mm           | 10 piece      | 0.019 kg |
| 1823386014 | G 1/4  | 8 mm           | 10 piece      | 0.021 kg |
| 1823386036 | G 3/8  | 6 mm           | 10 piece      | 0.031 kg |
| 1823386037 | G 3/8  | 8 mm           | 10 piece      | 0.028 kg |
| 1823386038 | G 3/8  | 13 mm          | 10 piece      | 0.026 kg |
| 1823386039 | G 1/2  | 8 mm           | 5 piece       | 0.048 kg |
| 1823386040 | G 1/2  | 13 mm          | 5 piece       | 0.052 kg |
| 1823386041 | G 3/4  | 13 mm          | 5 piece       | 0.11 kg  |
| 1823386042 | G 3/4  | 19 mm          | 5 piece       | 0.135 kg |

LW = inside diameter of the tubing to be used

## Technical information

| Material |                     |
|----------|---------------------|
| Material | Brass nickel-plated |

Dimensions



Dimensions

| Part No.   | G     | LW   | H | L1   | L2  | SW |
|------------|-------|------|---|------|-----|----|
| 1823386006 | M5    | 4 mm | 5 | 15.5 | 7.5 | 7  |
| 1823386007 | G 1/8 | 4 mm | 7 | 28   | 17  | 14 |
| 1823386008 | G 1/8 | 6 mm | 7 | 33   | 22  | 14 |
| 1823386009 | G 1/8 | 8 mm | 7 | 33   | 22  | 14 |
| 1823386012 | G 1/4 | 4 mm | 9 | 30   | 17  | 17 |
| 1823386013 | G 1/4 | 6 mm | 9 | 35   | 22  | 17 |
| 1823386014 | G 1/4 | 8 mm | 9 | 35   | 22  | 17 |
| 1823386036 | G 3/8 | 6 mm | 9 | 36   | 22  | 19 |

| Part No.   | G     | LW    | H  | L1 | L2 | SW |
|------------|-------|-------|----|----|----|----|
| 1823386037 | G 3/8 | 8 mm  | 9  | 36 | 22 | 19 |
| 1823386038 | G 3/8 | 13 mm | 9  | 42 | 28 | 19 |
| 1823386039 | G 1/2 | 8 mm  | 12 | 40 | 22 | 27 |
| 1823386040 | G 1/2 | 13 mm | 12 | 46 | 28 | 27 |
| 1823386041 | G 3/4 | 13 mm | 16 | 52 | 28 | 32 |
| 1823386042 | G 3/4 | 19 mm | 16 | 60 | 36 | 32 |

Straight fitting, self-sealing



Weight

See table below

Technical data

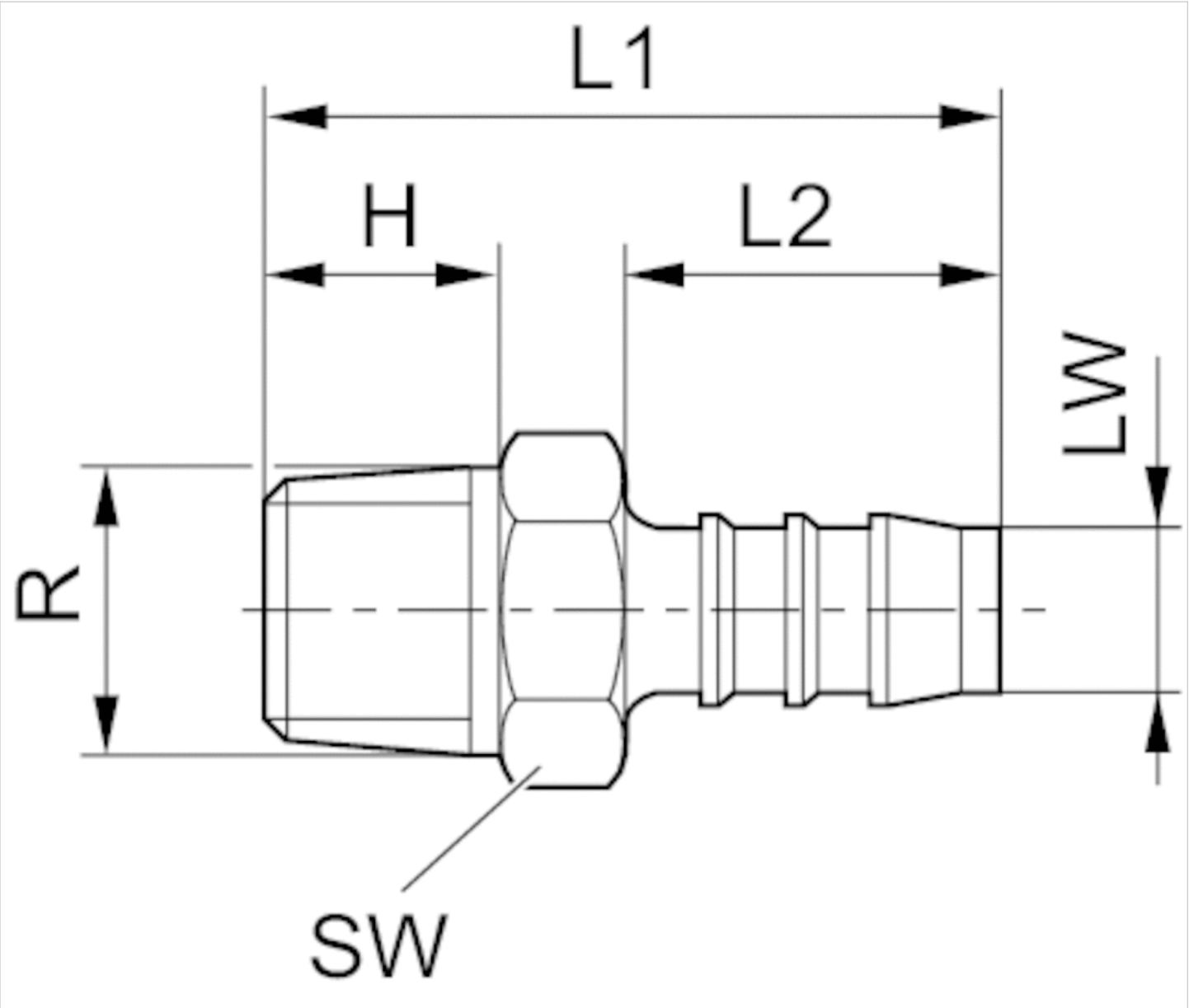
| Part No.   | Port  | Clearance (LW) | Delivery unit | Weight   |
|------------|-------|----------------|---------------|----------|
| 1823386043 | R 1/8 | 4 mm           | 25 piece      | 0.001 kg |
| 1823386044 | R 1/8 | 6 mm           | 25 piece      | 0.002 kg |
| 1823386045 | R 1/4 | 6 mm           | 25 piece      | 0.003 kg |
| 8931290054 | R 1/4 | 4 mm           | 10 piece      | 0.002 kg |
| 1823386000 | R 1/4 | 8 mm           | 25 piece      | 0.003 kg |
| 1823386055 | R 1/4 | 10 mm          | 25 piece      | 0.003 kg |
| 1823386054 | R 3/8 | 6 mm           | 10 piece      | 0.004 kg |
| 1823386001 | R 3/8 | 8 mm           | 10 piece      | 0.004 kg |
| 1823386056 | R 3/8 | 10 mm          | 10 piece      | 0.005 kg |
| 1823386003 | R 3/8 | 12 mm          | 10 piece      | 0.005 kg |
| 1823386002 | R 1/2 | 8 mm           | 10 piece      | 0.009 kg |
| 1823386004 | R 1/2 | 13 mm          | 10 piece      | 0.01 kg  |

LW = inside diameter of the tubing to be used

Technical information

| Material |           |
|----------|-----------|
| Material | Polyamide |

Dimensions



Dimensions

| Part No.   | Port R | LW    | H  | L1 | L2 | SW |
|------------|--------|-------|----|----|----|----|
| 1823386043 | R 1/8  | 4 mm  | 8  | 27 | 15 | 10 |
| 1823386044 | R 1/8  | 6 mm  | 8  | 33 | 20 | 10 |
| 1823386045 | R 1/4  | 6 mm  | 12 | 38 | 20 | 14 |
| 8931290054 | R 1/4  | 4 mm  | 12 | 39 | 23 | 14 |
| 1823386000 | R 1/4  | 8 mm  | 12 | 41 | 23 | 14 |
| 1823386055 | R 1/4  | 10 mm | 12 | 43 | 25 | 14 |
| 1823386054 | R 3/8  | 6 mm  | 12 | 39 | 20 | 17 |
| 1823386001 | R 3/8  | 8 mm  | 12 | 44 | 23 | 17 |
| 1823386056 | R 3/8  | 10 mm | 12 | 43 | 25 | 17 |
| 1823386003 | R 3/8  | 12 mm | 12 | 48 | 28 | 17 |
| 1823386002 | R 1/2  | 8 mm  | 17 | 49 | 23 | 22 |



| Part No.   | Port R | LW    | H  | L1 | L2 | SW |
|------------|--------|-------|----|----|----|----|
| 1823386004 | R 1/2  | 13 mm | 17 | 54 | 28 | 22 |

# Elbow fitting, self-sealing



Weight

See table below

## Technical data

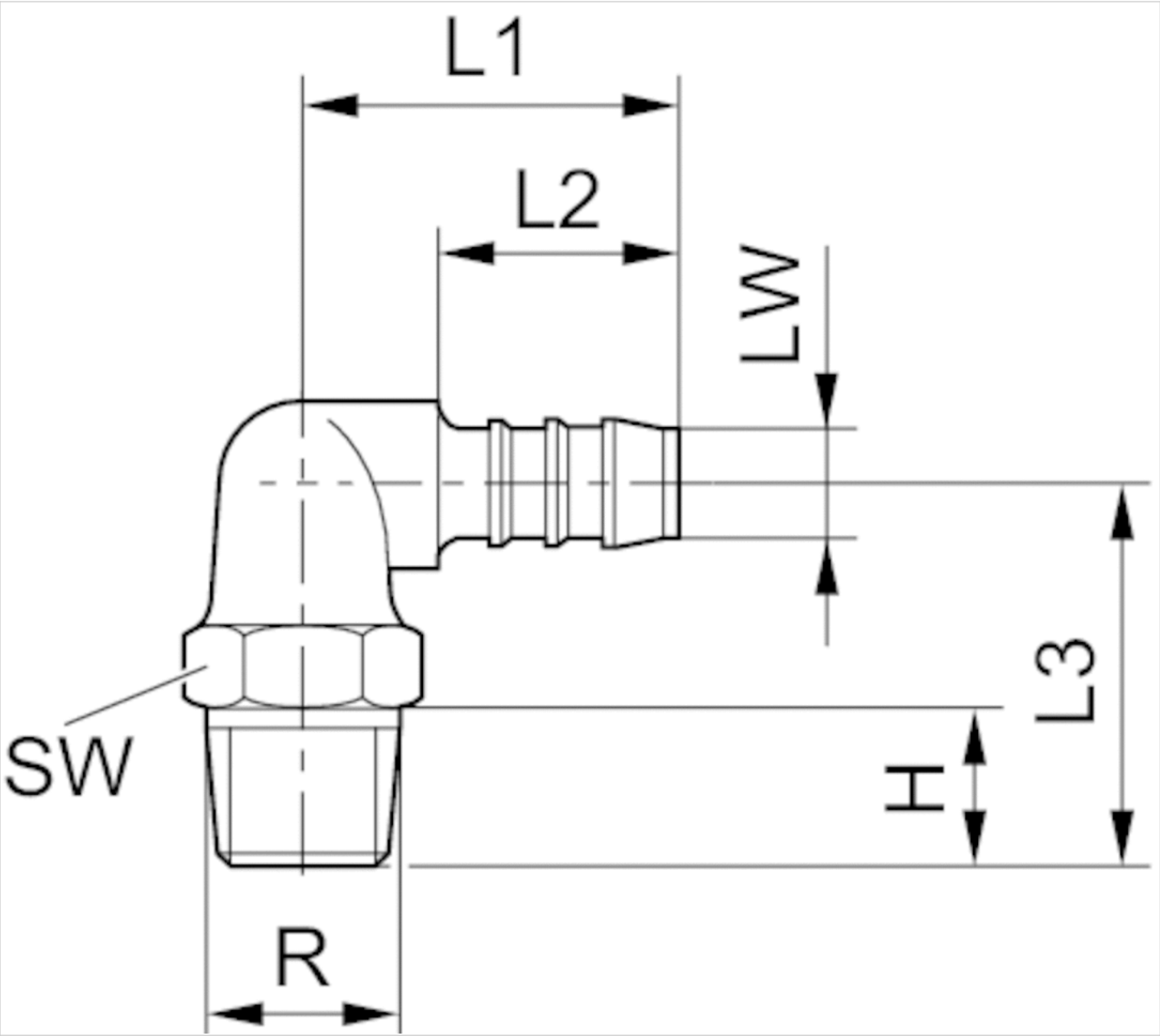
| Part No.   | Port  | Clearance (LW) | Delivery unit | Weight   |
|------------|-------|----------------|---------------|----------|
| 1823379005 | R 1/8 | 4 mm           | 25 piece      | 0.001 kg |
| 1823379006 | R 1/8 | 6 mm           | 25 piece      | 0.002 kg |
| 1823379007 | R 1/4 | 6 mm           | 25 piece      | 0.003 kg |
| 1823379000 | R 1/4 | 8 mm           | 25 piece      | 0.004 kg |
| 1823379009 | R 1/4 | 10 mm          | 10 piece      | 0.006 kg |
| 1823379008 | R 3/8 | 6 mm           | 10 piece      | 0.008 kg |
| 1823379001 | R 3/8 | 8 mm           | 10 piece      | 0.007 kg |
| 1823379010 | R 3/8 | 10 mm          | 10 piece      | 0.007 kg |
| 1823379003 | R 3/8 | 13 mm          | 10 piece      | 0.009 kg |
| 1823379002 | R 1/2 | 8 mm           | 10 piece      | 0.01 kg  |
| 1823379004 | R 1/2 | 13 mm          | 10 piece      | 0.011 kg |

LW = inside diameter of the tubing to be used

## Technical information

| Material |           |
|----------|-----------|
| Material | Polyamide |

Dimensions



Dimensions

| Part No.   | R     | LW    | H  | L1 | L2 | L3 | SW |
|------------|-------|-------|----|----|----|----|----|
| 1823379005 | R 1/8 | 4 mm  | 8  | 21 | 15 | 16 | 10 |
| 1823379006 | R 1/8 | 6 mm  | 8  | 28 | 20 | 21 | 10 |
| 1823379007 | R 1/4 | 6 mm  | 12 | 28 | 20 | 26 | 14 |
| 1823379000 | R 1/4 | 8 mm  | 12 | 33 | 23 | 27 | 14 |
| 1823379009 | R 1/4 | 10 mm | 12 | 38 | 25 | 30 | 17 |
| 1823379008 | R 3/8 | 6 mm  | 12 | 28 | 20 | 26 | 17 |
| 1823379001 | R 3/8 | 8 mm  | 12 | 36 | 23 | 31 | 17 |
| 1823379010 | R 3/8 | 10 mm | 12 | 38 | 25 | 31 | 17 |
| 1823379003 | R 3/8 | 13 mm | 12 | 38 | 28 | 30 | 17 |

| Part No.   | R     | LW    | H  | L1 | L2 | L3 | SW |
|------------|-------|-------|----|----|----|----|----|
| 1823379002 | R 1/2 | 8 mm  | 17 | 36 | 23 | 36 | 22 |
| 1823379004 | R 1/2 | 13 mm | 17 | 41 | 28 | 36 | 22 |

# T-union, self-sealing



Weight

See table below

## Technical data

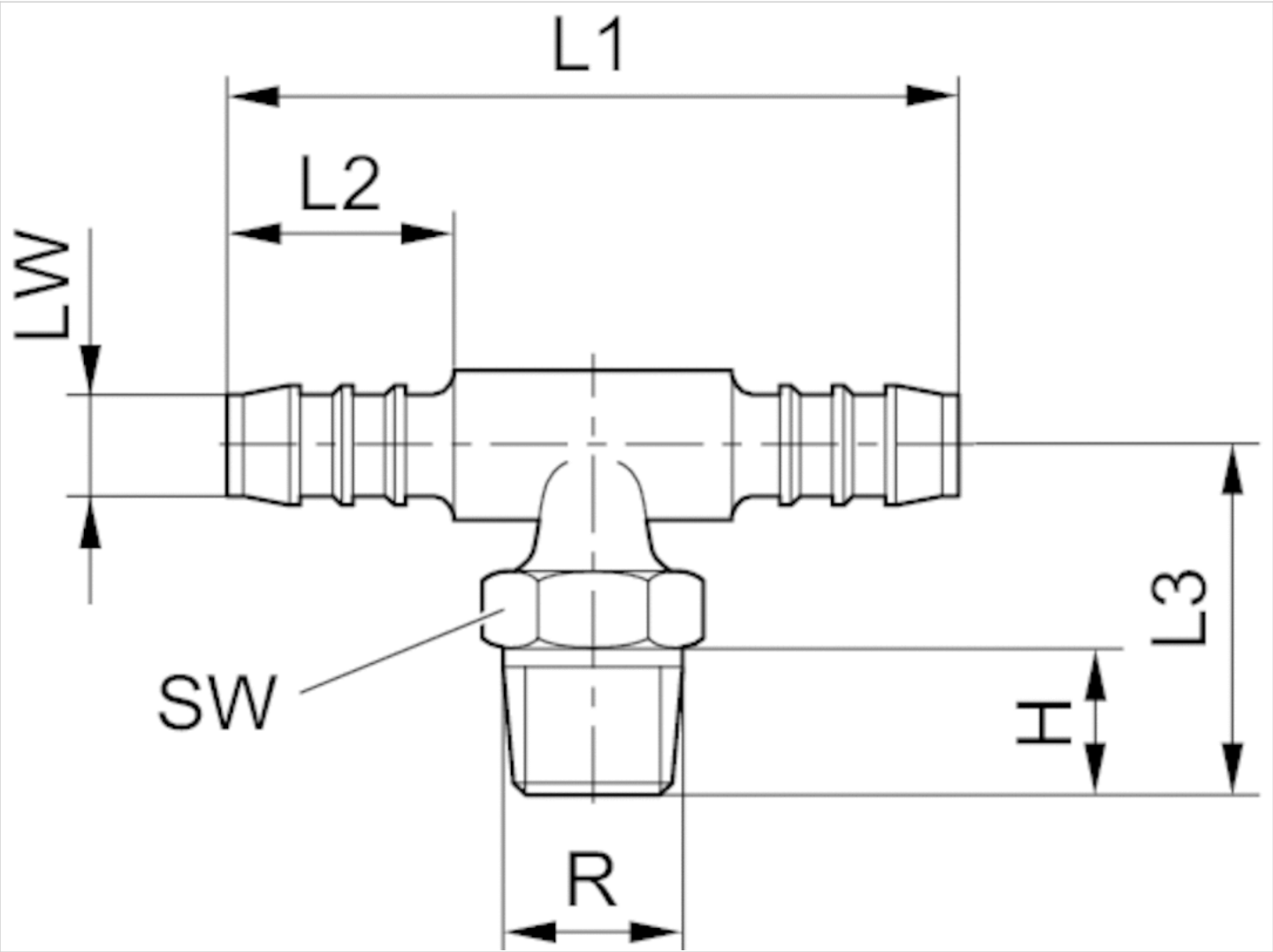
| Part No.   | Port  | Clearance (LW) | Delivery unit | Weight   |
|------------|-------|----------------|---------------|----------|
| 1823381001 | R 1/8 | 4 mm           | 25 piece      | 0.002 kg |
| 1823381002 | R 1/8 | 6 mm           | 25 piece      | 0.003 kg |
| 1823381003 | R 1/4 | 6 mm           | 25 piece      | 0.004 kg |
| 1823381000 | R 1/4 | 8 mm           | 25 piece      | 0.005 kg |

LW = inside diameter of the tubing to be used

## Technical information

| Material |           |
|----------|-----------|
| Material | Polyamide |

Dimensions



Dimensions

| Part No.   | R     | LW | H  | L1 | L2 | L3 | SW |
|------------|-------|----|----|----|----|----|----|
| 1823381001 | R 1/8 | 4  | 8  | 44 | 15 | 18 | 10 |
| 1823381002 | R 1/8 | 6  | 8  | 57 | 20 | 21 | 10 |
| 1823381003 | R 1/4 | 6  | 12 | 57 | 20 | 26 | 14 |
| 1823381000 | R 1/4 | 8  | 12 | 66 | 23 | 28 | 14 |

# Straight connector, reducing



Weight

See table below

## Technical data

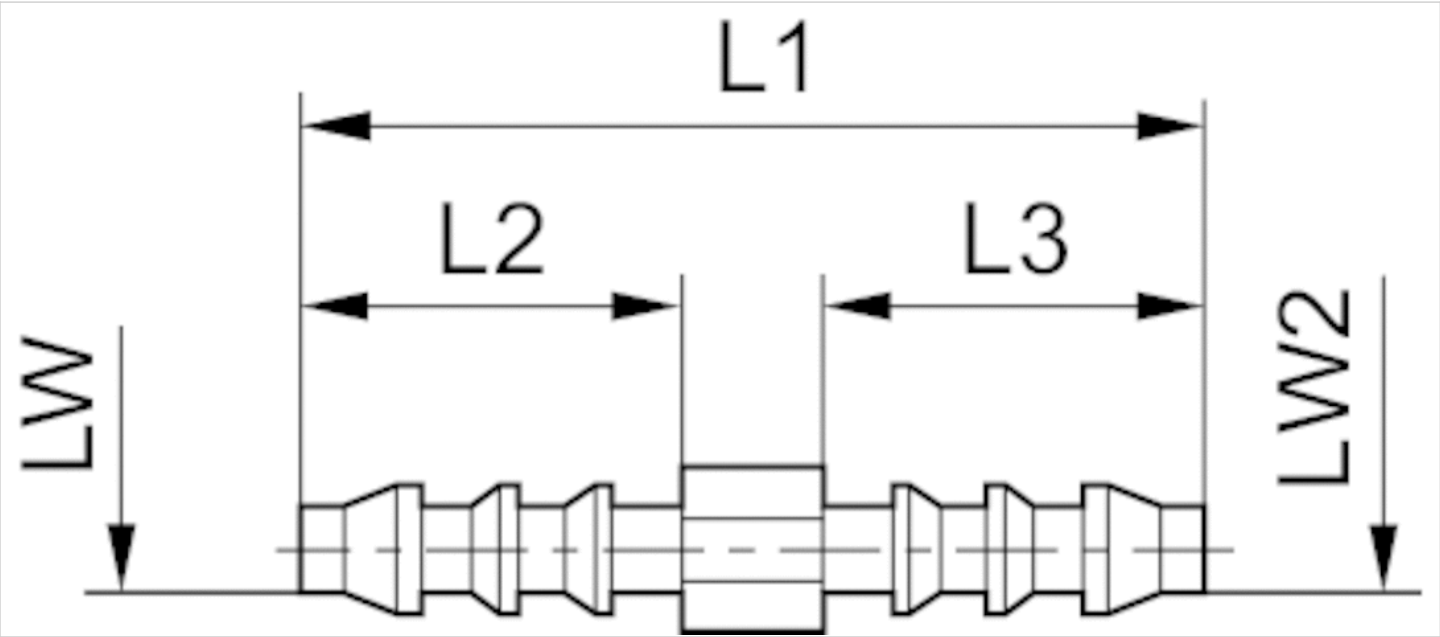
| Part No.   | Clearance (LW) | Clearance LW2 | Delivery unit | Weight   |
|------------|----------------|---------------|---------------|----------|
| 1823386046 | 3 mm           | 3 mm          | 50 piece      | 0.001 kg |
| 1823386050 | 4 mm           | 3 mm          | 50 piece      | 0.005 kg |
| 1823386047 | 4 mm           | 4 mm          | 50 piece      | 0.001 kg |
| 1823386051 | 6 mm           | 4 mm          | 50 piece      | 0.002 kg |
| 1823386048 | 6 mm           | 6 mm          | 50 piece      | 0.002 kg |
| 1823386052 | 8 mm           | 4 mm          | 25 piece      | 0.003 kg |
| 1823386053 | 8 mm           | 6 mm          | 25 piece      | 0.003 kg |
| 1823386010 | 8 mm           | 8 mm          | 25 piece      | 0.006 kg |
| 1823386005 | 8 mm           | 13 mm         | 25 piece      | 0.006 kg |
| 1823386057 | 10 mm          | 6 mm          | 25 piece      | 0.004 kg |
| 1823386058 | 10 mm          | 8 mm          | 25 piece      | 0.004 kg |
| 1823386059 | 10 mm          | 10 mm         | 25 piece      | 0.004 kg |
| 1823386011 | 12 mm          | 12 mm         | 25 piece      | 0.009 kg |
| 1823386049 | 19 mm          | 19 mm         | 10 piece      | 0.013 kg |

LW = inside diameter of the tubing to be used

## Technical information

| Material |                  |
|----------|------------------|
| Material | Polyoxymethylene |

Dimensions



Dimensions

| Part No.   | LW    | LW2   | L1   | L2   | L3   |
|------------|-------|-------|------|------|------|
| 1823386046 | 3 mm  | 3 mm  | 25   | 10   | 10   |
| 1823386050 | 4 mm  | 3 mm  | 30   | 15   | 10   |
| 1823386047 | 4 mm  | 4 mm  | 35   | 14.5 | 14.5 |
| 1823386051 | 6 mm  | 4 mm  | 42.5 | 20.5 | 14.5 |
| 1823386048 | 6 mm  | 6 mm  | 49   | 20.5 | 20.5 |
| 1823386052 | 8 mm  | 4 mm  | 48   | 22.5 | 15   |
| 1823386053 | 8 mm  | 6 mm  | 54   | 23   | 20.5 |
| 1823386010 | 8 mm  | 8 mm  | 56   | 22   | 22   |
| 1823386005 | 8 mm  | 13 mm | 63   | 27.5 | 23   |
| 1823386057 | 10 mm | 6 mm  | 56   | 25   | 20   |
| 1823386058 | 10 mm | 8 mm  | 60.5 | 25   | 22.5 |
| 1823386059 | 10 mm | 10 mm | 63   | 25   | 25   |
| 1823386011 | 12 mm | 12 mm | 73   | 27   | 27   |
| 1823386049 | 19 mm | 19 mm | 76   | 32   | 32   |

T-connector



Weight

See table below

Technical data

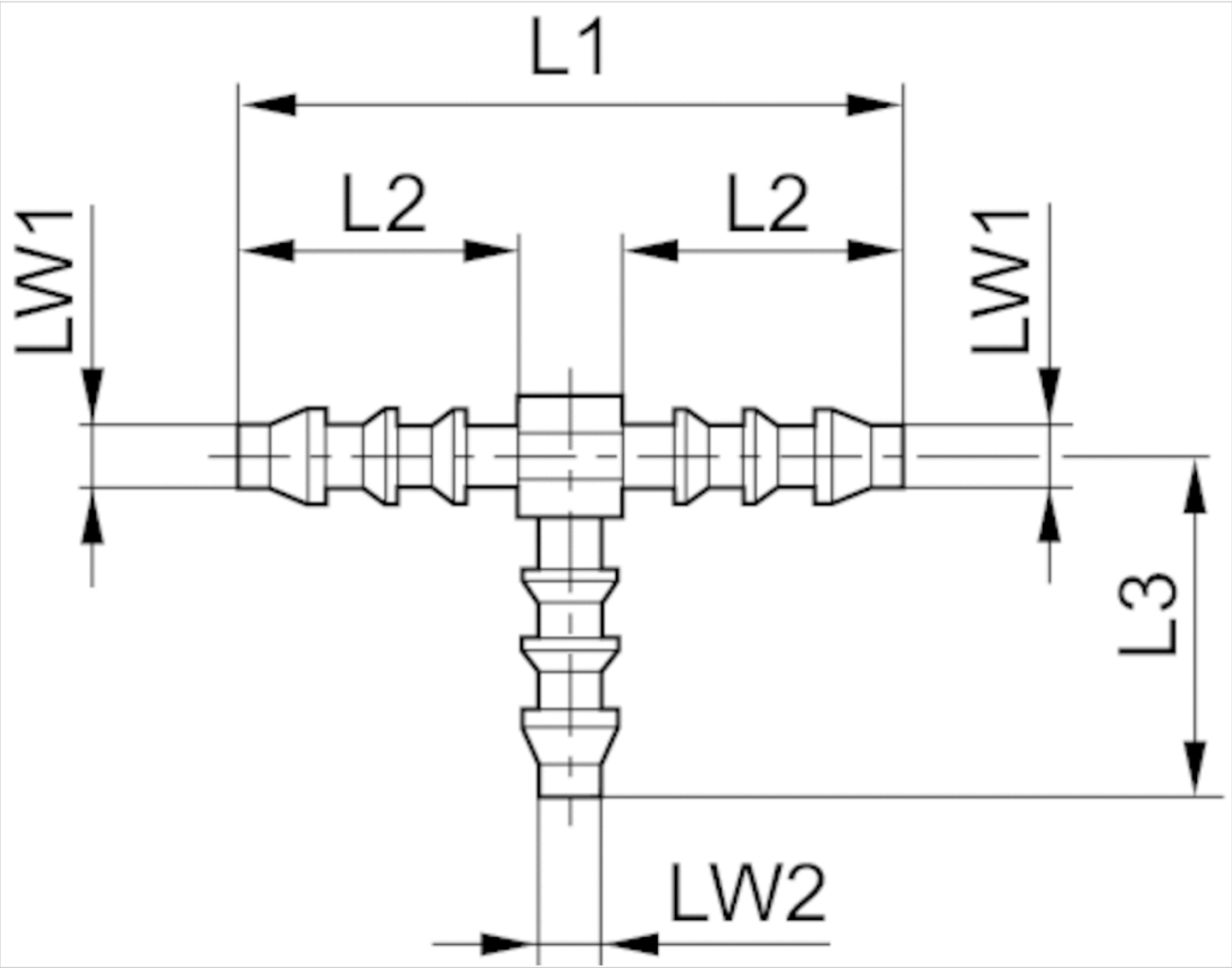
| Part No.   | Clearance (LW) | Clearance LW2 | Delivery unit | Weight   |
|------------|----------------|---------------|---------------|----------|
| 1823381015 | 3 mm           | 3 mm          | 25 piece      | 0.001 kg |
| 1823381004 | 4 mm           | 4 mm          | 25 piece      | 0.002 kg |
| 1823381009 | 4 mm           | 6 mm          | 25 piece      | 0.002 kg |
| 1823381012 | 6 mm           | 4 mm          | 25 piece      | 0.003 kg |
| 1823381007 | 6 mm           | 6 mm          | 25 piece      | 0.003 kg |
| 1823381013 | 8 mm           | 4 mm          | 25 piece      | 0.004 kg |
| 1823381014 | 8 mm           | 6 mm          | 25 piece      | 0.004 kg |
| 1823381010 | 8 mm           | 8 mm          | 25 piece      | 0.006 kg |
| 1823381006 | 8 mm           | 13 mm         | 10 piece      | 0.007 kg |
| 1823381032 | 10 mm          | 6 mm          | 10 piece      | 0.005 kg |
| 1823381033 | 10 mm          | 8 mm          | 10 piece      | 0.006 kg |
| 1823381034 | 10 mm          | 10 mm         | 10 piece      | 0.006 kg |
| 1823381005 | 13 mm          | 8 mm          | 10 piece      | 0.011 kg |
| 1823381035 | 13 mm          | 10 mm         | 10 piece      | 0.008 kg |
| 1823381011 | 13 mm          | 13 mm         | 10 piece      | 0.012 kg |
| 1823381008 | 19 mm          | 19 mm         | 10 piece      | 0.021 kg |

LW = inside diameter of the tubing to be used

Technical information

| Material |                  |
|----------|------------------|
| Material | Polyoxymethylene |

Dimensions



Dimensions

| Part No.   | LW    | LW2   | L1 | L2   | L3 |
|------------|-------|-------|----|------|----|
| 1823381015 | 3 mm  | 3 mm  | 25 | 10   | 13 |
| 1823381004 | 4 mm  | 4 mm  | 35 | 14.5 | 20 |
| 1823381009 | 4 mm  | 6 mm  | 35 | 14.5 | 24 |
| 1823381012 | 6 mm  | 4 mm  | 49 | 20.5 | 21 |
| 1823381007 | 6 mm  | 6 mm  | 50 | 20.5 | 26 |
| 1823381013 | 8 mm  | 4 mm  | 56 | 23   | 22 |
| 1823381014 | 8 mm  | 6 mm  | 56 | 23   | 28 |
| 1823381010 | 8 mm  | 8 mm  | 58 | –    | 30 |
| 1823381006 | 8 mm  | 13 mm | 58 | 22.5 | 36 |
| 1823381032 | 10 mm | 6 mm  | 62 | 25   | 31 |
| 1823381033 | 10 mm | 8 mm  | 62 | 25.5 | 31 |
| 1823381034 | 10 mm | 10 mm | 62 | 25   | 33 |
| 1823381005 | 13 mm | 8 mm  | 70 | –    | 34 |

| Part No.   | LW    | LW2   | L1 | L2 | L3 |
|------------|-------|-------|----|----|----|
| 1823381035 | 13 mm | 10 mm | 70 | –  | 36 |
| 1823381011 | 13 mm | 13 mm | 73 | –  | 39 |
| 1823381008 | 19 mm | 19 mm | 87 | –  | 46 |

Y-connector



Weight

See table below

Technical data

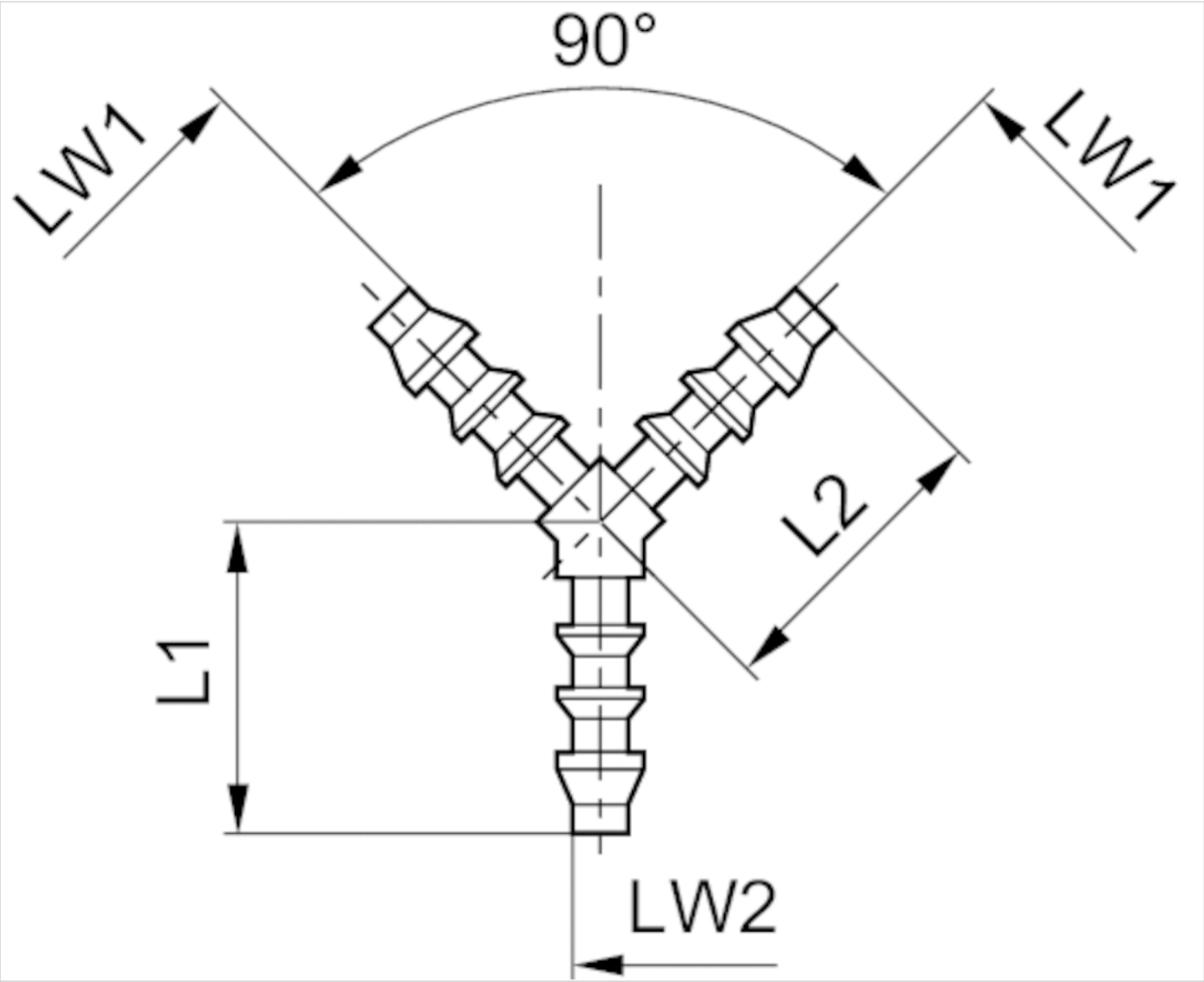
| Part No.   | Clearance (LW) | Clearance LW2 | Delivery unit | Weight   |
|------------|----------------|---------------|---------------|----------|
| 1823381020 | 3 mm           | 3 mm          | 25 piece      | 0.001 kg |
| 1823381021 | 4 mm           | 4 mm          | 25 piece      | 0.001 kg |
| 1823381026 | 4 mm           | 6 mm          | 25 piece      | 0.002 kg |
| 1823381022 | 6 mm           | 6 mm          | 25 piece      | 0.003 kg |
| 1823381027 | 6 mm           | 8 mm          | 25 piece      | 0.004 kg |
| 1823381023 | 8 mm           | 8 mm          | 25 piece      | 0.005 kg |
| 1823381024 | 13 mm          | 13 mm         | 10 piece      | 0.013 kg |
| 1823381025 | 19 mm          | 19 mm         | 10 piece      | 0.019 kg |

LW = inside diameter of the tubing to be used

Technical information

| Material |                  |
|----------|------------------|
| Material | Polyoxymethylene |

Dimensions



Dimensions

| Part No.   | LW    | LW2   | L1 | L2 |
|------------|-------|-------|----|----|
| 1823381020 | 3 mm  | 3 mm  | 13 | 13 |
| 1823381021 | 4 mm  | 4 mm  | 20 | 20 |
| 1823381026 | 4 mm  | 6 mm  | 20 | 26 |
| 1823381022 | 6 mm  | 6 mm  | 26 | 26 |
| 1823381027 | 6 mm  | 8 mm  | 26 | 30 |
| 1823381023 | 8 mm  | 8 mm  | 30 | 30 |
| 1823381024 | 13 mm | 13 mm | 39 | 39 |
| 1823381025 | 19 mm | 19 mm | 46 | 46 |

# X-connector



Weight

See table below

## Technical data

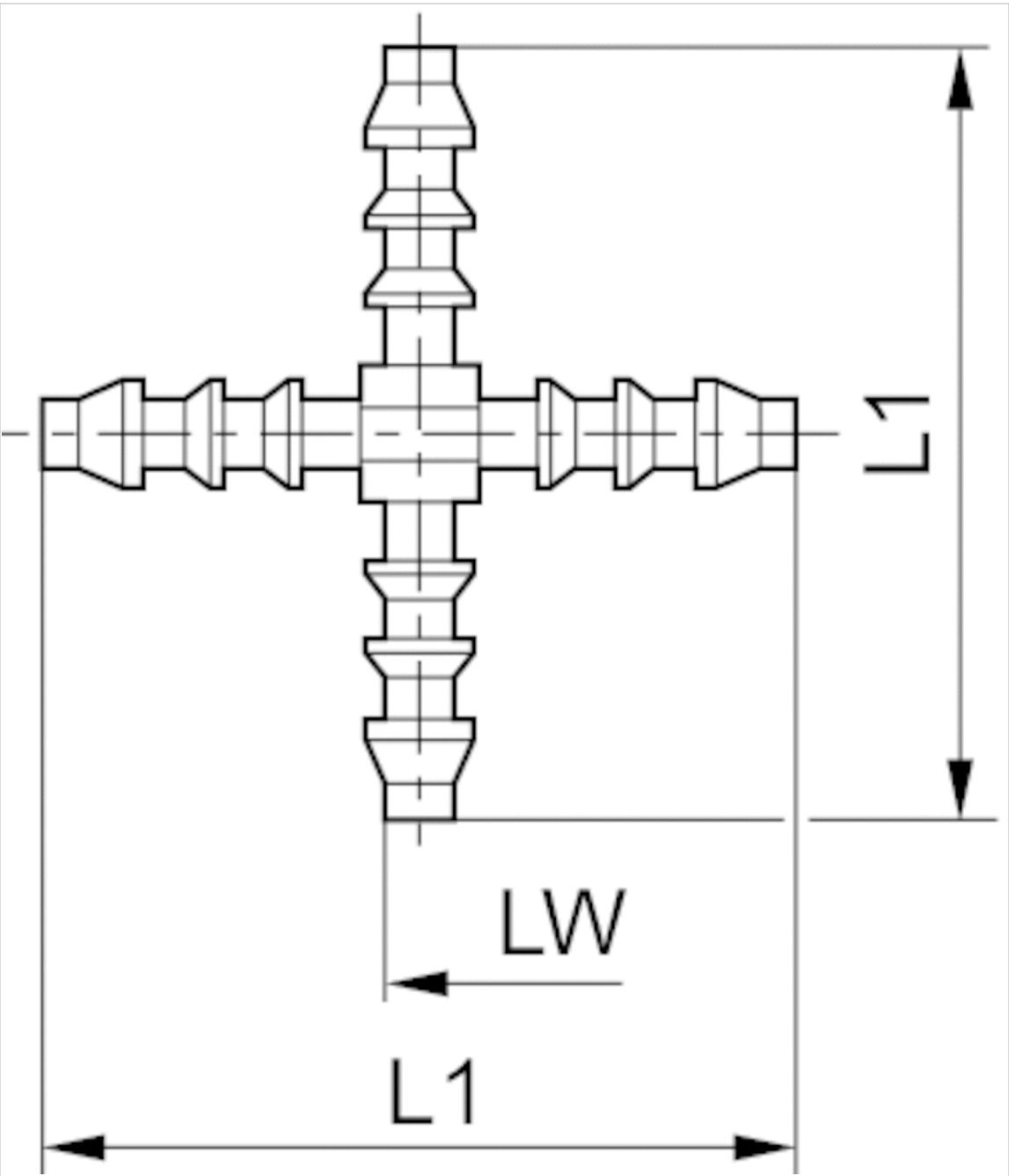
| Part No.   | Clearance (LW) | Delivery unit | Weight   |
|------------|----------------|---------------|----------|
| 1823381028 | 4 mm           | 25 piece      | 0.002 kg |
| 1823381029 | 6 mm           | 25 piece      | 0.004 kg |

LW = inside diameter of the tubing to be used

## Technical information

| Material |                  |
|----------|------------------|
| Material | Polyoxymethylene |

Dimensions



Dimensions

| Part No.   | LW   | L1 |
|------------|------|----|
| 1823381028 | 4 mm | 39 |
| 1823381029 | 6 mm | 48 |

# Tubing clamp for reinforced plastic tubing, DIN 3017 form A



Weight

See table below

## Technical data

| Part No.   | Type    | Clearance (LW) | Delivery unit | Weight   |
|------------|---------|----------------|---------------|----------|
| 1821310002 | Ø 8-12  | 4 mm           | 25 piece      | 0.004 kg |
| 1821310001 | Ø 10-16 | 8 mm           | 25 piece      | 0.007 kg |
| 1821310003 | Ø 12-20 | 13 mm          | 25 piece      | 0.011 kg |
| 1821310000 | Ø 20-32 | 19 mm          | 25 piece      | 0.014 kg |

LW = inside diameter of the tubing to be used

## Technical information

Materials: band and housing made of chrome steel 1.4016, screw made of yellow chromated steel Cq15.

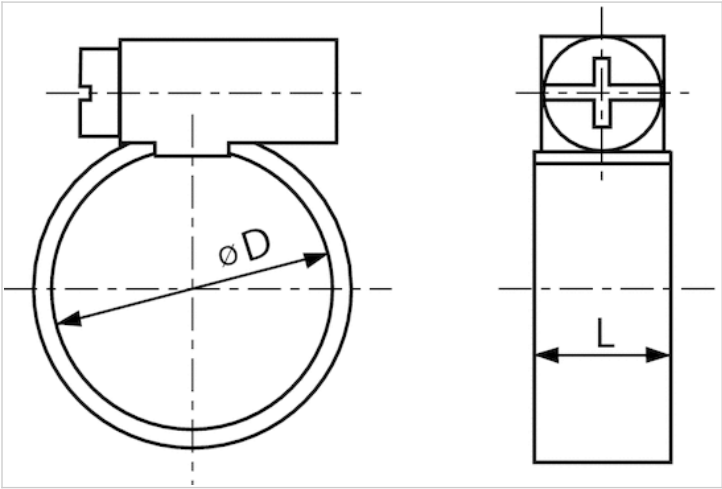
Category W2: low to medium corrosion resistance requirements, but detachability of corroded connections is ensured.

## Technical information

| Material |                 |
|----------|-----------------|
| Material | Stainless steel |

Dimensions

Dimensions



Dimensions

| Part No.   | $\varnothing D$ | L |
|------------|-----------------|---|
| 1821310002 | 8-12            | 9 |
| 1821310001 | 10-16           | 9 |
| 1821310003 | 12-20           | 9 |
| 1821310000 | 20-32           | 9 |

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