

## VSH XPress Copper straight union (press x female thread)



group: **S69F** category: **fittings** product line: **VSH XPress Copper**

The VSH XPress S69F is a gunmetal straight union connector with a press and a female thread end. By using VSH XPress in your piping installation you can install in a quick, easy and clean way. VSH XPress provides a complete piping system suitable for every conceivable application. insert stop: stop edge for pipe end provided with all relevant approvals Leak Before Pressed-function clear identification on fitting of material and dimension Union couplings should be combined with male threaded counterparts with appropriate support for the seal. check the quality and integrity of the flat sealing. Sealing and support flats must be clean and free of indentations mount the union on the male thread until hand tight apply 1/8 to 1/4 turn, using a matching spanner. Over-turning might cause damage to the sealing ring

### applications

potable water, heating, cooling,  
compressed air, vacuum

### segments

residential , shipbuilding , industry  
, commercial building

### approvals

QB (CSTBat) , DVGW Wasser ,  
KIWA , SINTEF , DNV-GL , ÖVGW  
Wasser , RISE , WRAS , ÜA , ATG ,  
BSI Kitemark

### assortment

| item number  | size        | weight  | dimensions  | packaging   | gtin           |
|--------------|-------------|---------|-------------|-------------|----------------|
| <b>38828</b> | 12xRp1/2"   | 0.09 kg | 30x30x44 mm | bag (5 pce) | 05022050186669 |
| <b>38833</b> | 15xRp1/2"   | 0.11 kg | 30x30x50 mm | bag (5 pce) | 05022050014894 |
| <b>38829</b> | 15xRp3/4"   | 0.13 kg | 32x34x60 mm | bag (5 pce) | 05022050204714 |
| <b>38830</b> | 18xRp1/2"   | 0.11 kg | 35x35x55 mm | bag (5 pce) | 05022050188496 |
| <b>38831</b> | 18xRp3/4"   | 0.16 kg | 30x30x65 mm | bag (5 pce) | 05022050204776 |
| <b>38834</b> | 22xRp3/4"   | 0.18 kg | 40x40x68 mm | bag (5 pce) | 05022050388407 |
| <b>38832</b> | 22xRp1"     | 0.21 kg | 40x40x73 mm | bag (5 pce) | 05022050190369 |
| <b>38827</b> | 28xRp3/4"   | 0.27 kg | 50x50x65 mm | bag (5 pce) | 05022050263193 |
| <b>38835</b> | 28xRp1"     | 0.27 kg | 50x50x65 mm | bag (5 pce) | 05022050014917 |
| <b>38836</b> | 35xRp1 1/4" | 0.38 kg | 53x53x73 mm | bag (5 pce) | 05022050014924 |
| <b>38837</b> | 42xRp1 1/2" | 0.52 kg | 60x60x80 mm | bag (1 pce) | 05022050388377 |
| <b>38838</b> | 54xRp2"     | 0.77 kg | 75x75x90 mm | bag (1 pce) | 05022050388384 |

## specifications - product info

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| item                  | VSH XPress Copper straight union (press x female thread) |
| item number with gtin | S69F                                                     |
| manufacturer          | Aalberts integrated piping systems B.V. (VSH)            |
| weight                | 0.77 kg                                                  |
| dimensions            | 75x75x90 mm                                              |

## specifications - technical

|                               |        |
|-------------------------------|--------|
| max operating pressure liquid | 16 bar |
| min. medium temperature       | -20 °C |
| max medium temperature        | 110 °C |
| peak medium temperature       | 135 °C |

## dimensions

| item number | size      | d1   | DN1  | l1 | z1 | slw1 | d2   | DN2            | l2 | z2 | slw2 |
|-------------|-----------|------|------|----|----|------|------|----------------|----|----|------|
| 38828       | 12xRp1/2" | 12.0 | DN10 | 22 | 5  | 27   | 21.3 | 1/2"<br>(DN15) | 20 | 5  | 26   |
| 38833       | 15xRp1/2" | 15.0 | DN12 | 30 | 10 | 30   | 21.3 | 1/2"<br>(DN15) | 22 | 7  | 26   |
| 38829       | 15xRp3/4" | 15.0 | DN12 | 25 | 5  | 30   | 26.9 | 3/4"<br>(DN20) | 30 | 13 | 32   |
| 38830       | 18xRp1/2" | 18.0 | DN15 | 28 | 8  | 30   | 21.3 | 1/2"<br>(DN15) | 20 | 5  | 26   |

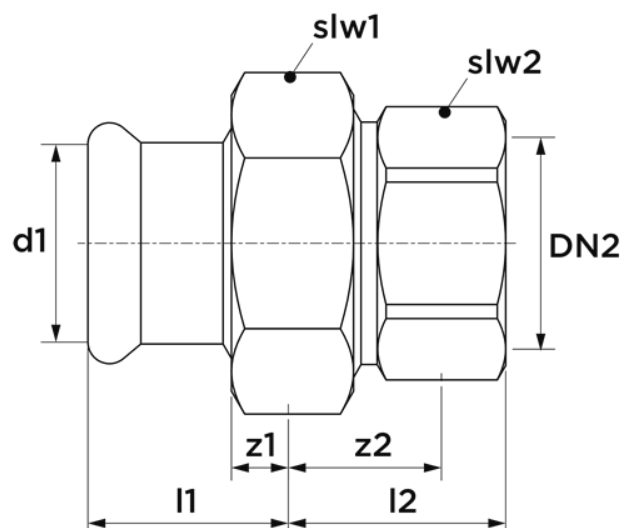
## specifications - characteristics

|                      |                                                  |
|----------------------|--------------------------------------------------|
| color                | copper                                           |
| materials            | bronze (EN CC499K)                               |
| finishing            | none                                             |
| shape                | straight, reducer                                |
| connection type      | press (M), Rp - female thread cylindrical (BSPT) |
| pressure rating (PN) | PN 16                                            |
| sealing              | EPDM                                             |

## specifications - general

|               |                                      |
|---------------|--------------------------------------|
| product group | fittings (unions)                    |
| ETIM class    | EC003024 Fitting with 2 connections  |
| HS code       | 74122000                             |
| brand         | VSH                                  |
| series        | XPress Copper                        |
| product type  | 6330G                                |
| scip          | 966cd6bc-74ae-47a8-951b-016935a13ff8 |

| item number | size           | d1   | DN1  | l1 | z1 | slw1 | d2   | DN2                 | l2 | z2 | slw2 |
|-------------|----------------|------|------|----|----|------|------|---------------------|----|----|------|
| 38831       | 18xRp3/4"      | 18.0 | DN15 | 28 | 8  | 30   | 26.9 | 3/4"<br>(DN20)      | 29 | 13 | 32   |
| 38834       | 22xRp3/4"      | 22.0 | DN20 | 36 | 14 | 36   | 26.9 | 3/4"<br>(DN20)      | 32 | 15 | 39   |
| 38832       | 22xRp1"        | 22.0 | DN20 | 29 | 8  | 36   | 26.9 | 1"<br>(DN25)        | 36 | 17 | 32   |
| 38827       | 28xRp3/4"      | 28.0 | DN25 | 36 | 13 | 46   | 26.9 | 3/4"<br>(DN20)      | 32 | 16 | 32   |
| 38835       | 28xRp1"        | 28.0 | DN25 | 36 | 13 | 46   | 33.7 | 1"<br>(DN25)        | 29 | 10 | 43   |
| 38836       | 35xRp1<br>1/4" | 35.0 | DN32 | 36 | 9  | 52   | 42.4 | 1<br>1/4"<br>(DN32) | 38 | 17 | 48   |
| 38837       | 42xRp1<br>1/2" | 42.0 | DN40 | 44 | 14 | 58   | 48.3 | 1<br>1/2"<br>(DN40) | 39 | 18 | 54   |
| 38838       | 54xRp2"        | 54.0 | DN50 | 52 | 17 | 75   | 60.3 | 2"<br>(DN50)        | 38 | 12 | 65   |



sustainability

| item number | carbon footprint (A1-A3) cradle-to-gate | carbon footprint (A-C) embodied carbon | carbon footprint (A-D) cradle-to-cradle | data source |
|-------------|-----------------------------------------|----------------------------------------|-----------------------------------------|-------------|
| 38828       | 0.28kgCO <sub>2</sub> e                 | 0.32kgCO <sub>2</sub> e                | 0.17kgCO <sub>2</sub> e                 | EPD         |
| 38833       | 0.32kgCO <sub>2</sub> e                 | 0.36kgCO <sub>2</sub> e                | 0.19kgCO <sub>2</sub> e                 | EPD         |
| 38829       | 0.4kgCO <sub>2</sub> e                  | 0.46kgCO <sub>2</sub> e                | 0.24kgCO <sub>2</sub> e                 | EPD         |
| 38830       | 0.32kgCO <sub>2</sub> e                 | 0.37kgCO <sub>2</sub> e                | 0.19kgCO <sub>2</sub> e                 | EPD         |
| 38831       | 0.47kgCO <sub>2</sub> e                 | 0.55kgCO <sub>2</sub> e                | 0.28kgCO <sub>2</sub> e                 | EPD         |
| 38834       | 0.55kgCO <sub>2</sub> e                 | 0.63kgCO <sub>2</sub> e                | 0.33kgCO <sub>2</sub> e                 | EPD         |
| 38832       | 0.64kgCO <sub>2</sub> e                 | 0.73kgCO <sub>2</sub> e                | 0.38kgCO <sub>2</sub> e                 | EPD         |
| 38827       | 0.81kgCO <sub>2</sub> e                 | 0.93kgCO <sub>2</sub> e                | 0.48kgCO <sub>2</sub> e                 | EPD         |
| 38835       | 0.8kgCO <sub>2</sub> e                  | 0.92kgCO <sub>2</sub> e                | 0.48kgCO <sub>2</sub> e                 | EPD         |
| 38836       | 1.53kgCO <sub>2</sub> e                 | 1.74kgCO <sub>2</sub> e                | 1.09kgCO <sub>2</sub> e                 | EPD         |
| 38837       | 2.11kgCO <sub>2</sub> e                 | 2.4kgCO <sub>2</sub> e                 | 1.51kgCO <sub>2</sub> e                 | EPD         |
| 38838       | 3.14kgCO <sub>2</sub> e                 | 3.57kgCO <sub>2</sub> e                | 2.25kgCO <sub>2</sub> e                 | EPD         |

## downloads

⬇ 6330G - png

⬇ Diagram - png

⬇ MSDS\_VSH\_XPress\_Copper - pdf