

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



group: S2    category: fittingen    product line: VSH XPress Copper

The VSH XPress S2 is a straight connector made of gunmetal with a press and 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 endprovided with all relevant approvalsLeak Before Pressed-functionclear identification on fitting of material and dimension

### 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 , ÜA , ATG , BSI  
Kitemark , WRAS

### assortment

| item number | size        | weight  | dimensions   | packaging      | gtin           |
|-------------|-------------|---------|--------------|----------------|----------------|
| 38082       | 12xRp3/8"   | 0.03 kg | 20x20x30 mm  | bag (5 pce)    | 05022050202727 |
| 38081       | 12xRp1/2"   | 0.04 kg | 25x25x35 mm  | bag (5 pce)    | 05022050202888 |
| 38083       | 15xRp3/8"   | 0.03 kg | 21x24x35 mm  | bag (5 pce)    | 05022050203069 |
| 38090       | 15xRp1/2"   | 0.05 kg | 25x25x38 mm  | bag (10 pce)   | 05022050013422 |
| 38091       | 15xRp3/4"   | 0.06 kg | 30x30x40 mm  | bag (5 pce)    | 05022050203342 |
| 38084       | 18xRp1/2"   | 0.05 kg | 25x25x38 mm  | bag (5 pce)    | 05022050203502 |
| 38085       | 18xRp3/4"   | 0.06 kg | 30x30x40 mm  | bag (5 pce)    | 05022050203663 |
| 38086       | 22xRp1/2"   | 0.09 kg | 30x30x35 mm  | bag (5 pce)    | 05022050203823 |
| 38092       | 22xRp3/4"   | 0.04 kg | 30x30x40 mm  | bag (5 pce)    | 05022050013439 |
| 38087       | 22xRp1"     | 0.09 kg | 36x38x44 mm  | bag (5 pce)    | 05022050203984 |
| 38088       | 28xRp3/4"   | 0.12 kg | 35x35x40 mm  | bag (5 pce)    | 05022050204141 |
| 38093       | 28xRp1"     | 0.1 kg  | 35x35x45 mm  | bag (5 pce)    | 05022050013446 |
| 38103       | 28xRp1 1/4" | 0.14 kg | 37x47x48 mm  | bag (5 pce)    | 05022050177056 |
| 38080       | 35xRp3/4"   | 0.08 kg | 30x35x45 mm  | bag (5 pce)    | 05022050241665 |
| 38089       | 35xRp1"     | 0.15 kg | 42x45x47 mm  | bag (5 pce)    | 05022050204318 |
| 38954       | 64xRp2 1/2" | 0.65 kg | 85x85x120 mm | carton (1 pce) | 05022050389541 |

| item number | size        | weight  | dimensions  | packaging   | gtin           |
|-------------|-------------|---------|-------------|-------------|----------------|
| 38094       | 35xRp1 1/4" | 0.14 kg | 45x45x50 mm | bag (5 pce) | 05022050013453 |
| 38101       | 42xRp1 1/4" | 0.16 kg | 47x54x54 mm | bag (1 pce) | 05022050204370 |
| 38095       | 42xRp1 1/2" | 0.22 kg | 50x53x53 mm | bag (1 pce) | 05022050380951 |
| 38096       | 54xRp2"     | 0.31 kg | 63x65x65 mm | bag (1 pce) | 05022050380968 |

## specifications - product info

|                          |                                                                 |
|--------------------------|-----------------------------------------------------------------|
| item                     | VSH XPress Copper straight connector<br>(press x female thread) |
| item number with<br>gtin | S2                                                              |
| manufacturer             | Aalberts integrated piping systems B.V.<br>(VSH)                |
| weight                   | 0.31 kg                                                         |
| dimensions               | 63x65x65 mm                                                     |

## 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 - technical

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

## specifications - general

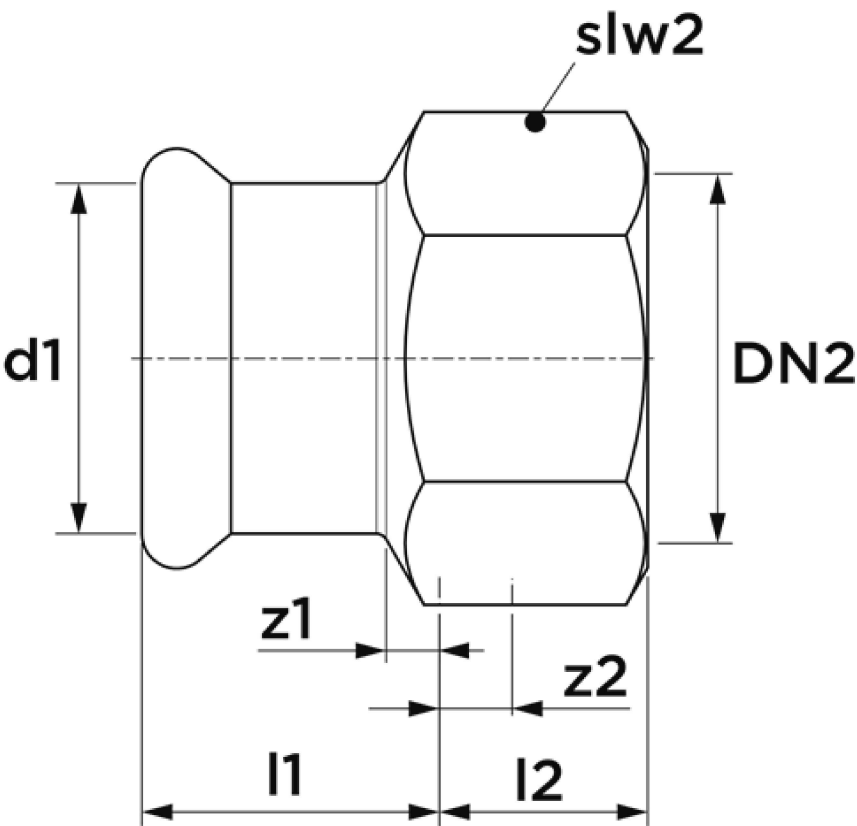
|               |                                      |
|---------------|--------------------------------------|
| product group | fittings                             |
| ETIM class    | EC003024 Fitting with 2 connections  |
| HS code       | 74122000                             |
| brand         | VSH                                  |
| series        | XPress Copper                        |
| product type  | 6270G                                |
| scip          | 966cd6bc-74ae-47a8-951b-016935a13ff8 |

dimensions

| item number | size | d1 | DN1 | l1 | z1 | d2 | DN2 | l2 | z2 | slw2 |
|-------------|------|----|-----|----|----|----|-----|----|----|------|
|-------------|------|----|-----|----|----|----|-----|----|----|------|

| item number | size           | d1   | DN1  | l1 | z1 | d2   | DN2                 | l2 | z2 | slw2 |
|-------------|----------------|------|------|----|----|------|---------------------|----|----|------|
| 38082       | 12xRp3/8"      | 12.0 | DN10 | 17 | 0  | 17.2 | 3/8"<br>(DN10)      | 14 | 6  | 20   |
| 38081       | 12xRp1/2"      | 12.0 | DN10 | 18 | 0  | 21.3 | 1/2"<br>(DN15)      | 17 | 8  | 22   |
| 38083       | 15xRp3/8"      | 15.0 | DN12 | 20 | 2  | 17.2 | 3/8"<br>(DN10)      | 14 | 6  | 20   |
| 38090       | 15xRp1/2"      | 15.0 | DN12 | 20 | 3  | 21.3 | 1/2"<br>(DN15)      | 18 | 8  | 25   |
| 38091       | 15xRp3/4"      | 15.0 | DN12 | 21 | 5  | 26.9 | 3/4"<br>(DN20)      | 19 | 8  | 30   |
| 38084       | 18xRp1/2"      | 18.0 | DN15 | 19 | 2  | 21.3 | 1/2"<br>(DN15)      | 18 | 8  | 25   |
| 38085       | 18xRp3/4"      | 18.0 | DN15 | 20 | 2  | 26.9 | 3/4"<br>(DN20)      | 19 | 9  | 30   |
| 38086       | 22xRp1/2"      | 22.0 | DN20 | 20 | 1  | 21.3 | 1/2"<br>(DN15)      | 17 | 7  | 30   |
| 38092       | 22xRp3/4"      | 22.0 | DN20 | 20 | 0  | 26.9 | 3/4"<br>(DN20)      | 19 | 9  | 30   |
| 38087       | 22xRp1"        | 22.0 | DN20 | 21 | 3  | 33.7 | 1"<br>(DN25)        | 22 | 11 | 37   |
| 38088       | 28xRp3/4"      | 28.0 | DN25 | 23 | 3  | 26.9 | 3/4"<br>(DN20)      | 17 | 7  | 37   |
| 38093       | 28xRp1"        | 28.0 | DN25 | 23 | 3  | 33.7 | 1"<br>(DN25)        | 22 | 10 | 37   |
| 38103       | 28xRp1<br>1/4" | 28.0 | DN25 | 24 | 2  | 42.4 | 1<br>1/4"<br>(DN32) | 24 | 10 | 46   |
| 38080       | 35xRp3/4"      | 35.0 | DN32 | 29 | 4  | 26.9 | 3/4"<br>(DN20)      | 15 | 4  | 30   |
| 38089       | 35xRp1"        | 35.0 | DN32 | 24 | 5  | 33.7 | 1"<br>(DN25)        | 22 | 10 | 42   |

| item number | size           | d1   | DN1  | l1 | z1 | d2   | DN2                 | l2 | z2 | slw2 |
|-------------|----------------|------|------|----|----|------|---------------------|----|----|------|
| 38954       | 64xRp2<br>1/2" | 64.0 | DN60 | 49 | 1  | 76.1 | 2<br>1/2"<br>(DN65) | 40 | 9  | 82   |
| 38094       | 35xRp1<br>1/4" | 35.0 | DN32 | 25 | 3  | 42.4 | 1<br>1/4"<br>(DN32) | 25 | 11 | 46   |
| 38101       | 42xRp1<br>1/4" | 42.0 | DN40 | 30 | 0  | 42.4 | 1<br>1/4"<br>(DN32) | 22 | 8  | 46   |
| 38095       | 42xRp1<br>1/2" | 42.0 | DN40 | 29 | 3  | 48.3 | 1<br>1/2"<br>(DN40) | 25 | 11 | 48   |
| 38096       | 54xRp2"        | 54.0 | DN50 | 34 | 3  | 60.3 | 2"<br>(DN50)        | 25 | 11 | 48   |



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 |
|-------------|-----------------------------------------|----------------------------------------|-----------------------------------------|-------------|
| 38082       | 0.08kgCO2e                              | 0.09kgCO2e                             | 0.05kgCO2e                              | EPD         |
| 38081       | 0.13kgCO2e                              | 0.14kgCO2e                             | 0.08kgCO2e                              | EPD         |

| item number | carbon footprint (A1-A3) cradle-to-gate | carbon footprint (A-C) embodied carbon | carbon footprint (A-D) cradle-to-cradle | data source |
|-------------|-----------------------------------------|----------------------------------------|-----------------------------------------|-------------|
| 38083       | 0.1kgCO2e                               | 0.11kgCO2e                             | 0.06kgCO2e                              | EPD         |
| 38090       | 0.14kgCO2e                              | 0.16kgCO2e                             | 0.08kgCO2e                              | EPD         |
| 38091       | 0.18kgCO2e                              | 0.21kgCO2e                             | 0.11kgCO2e                              | EPD         |
| 38084       | 0.15kgCO2e                              | 0.17kgCO2e                             | 0.09kgCO2e                              | EPD         |
| 38085       | 0.19kgCO2e                              | 0.22kgCO2e                             | 0.11kgCO2e                              | EPD         |
| 38086       | 0.26kgCO2e                              | 0.3kgCO2e                              | 0.15kgCO2e                              | EPD         |
| 38092       | 0.12kgCO2e                              | 0.14kgCO2e                             | 0.07kgCO2e                              | EPD         |
| 38087       | 0.28kgCO2e                              | 0.32kgCO2e                             | 0.17kgCO2e                              | EPD         |
| 38088       | 0.37kgCO2e                              | 0.43kgCO2e                             | 0.22kgCO2e                              | EPD         |
| 38093       | 0.29kgCO2e                              | 0.33kgCO2e                             | 0.17kgCO2e                              | EPD         |
| 38103       | 0.43kgCO2e                              | 0.49kgCO2e                             | 0.25kgCO2e                              | EPD         |
| 38080       | 0.33kgCO2e                              | 0.37kgCO2e                             | 0.23kgCO2e                              | EPD         |
| 38089       | 0.6kgCO2e                               | 0.69kgCO2e                             | 0.43kgCO2e                              | EPD         |
| 38954       | 2.65kgCO2e                              | 3.02kgCO2e                             | 1.9kgCO2e                               | EPD         |
| 38094       | 0.57kgCO2e                              | 0.64kgCO2e                             | 0.41kgCO2e                              | EPD         |
| 38101       | 0.66kgCO2e                              | 0.75kgCO2e                             | 0.47kgCO2e                              | EPD         |
| 38095       | 0.88kgCO2e                              | 1kgCO2e                                | 0.63kgCO2e                              | EPD         |
| 38096       | 1.27kgCO2e                              | 1.44kgCO2e                             | 0.91kgCO2e                              | EPD         |

downloads

-  6270G - png
-  Diagram - png
-  MSDS\_VSH\_XPress\_Copper - pdf