

## ALL FLANGED CROSSHEAD

### Flanged fittings

**DN 40 - 1000 PN10/16/25**

10.1300



#### Product description

- All flanged crosshead for drinking water and neutral liquids

#### Standards

- Designed according to EN 545
- Flange drilling to EN 1092-2 PN10/16/25

#### Corrosion protection

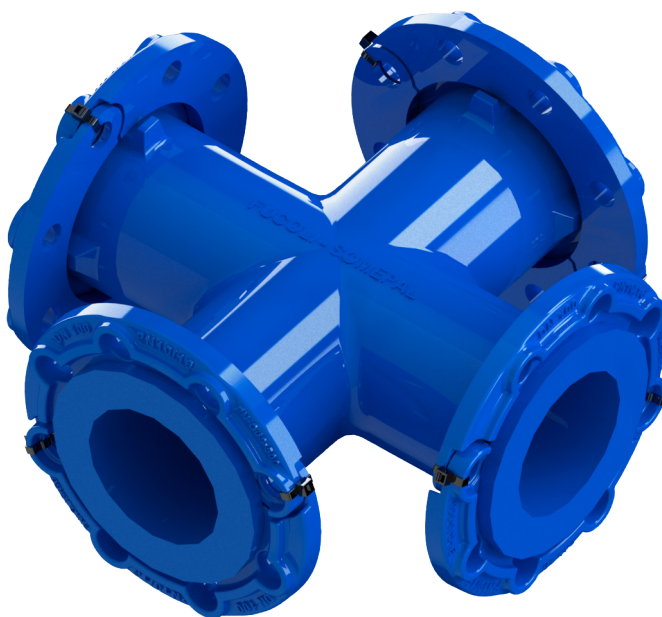
- Epoxy powder coating RAL 5005
- Applied internal and external with a minimum coating thickness of 250 µm
- Potable water approved epoxy coating, fusion bonded according EN 14901-1 and GSK approved

#### Approvals

- ACS Potability Certificate 24 ACC NY 060
- GSK Certificate GSK-ID:1247 (RAL-GZ 662)

#### Features

- Fitting approved for drinking water
- Body and flange in ductile cast iron EN-GJS-500-7
- Fast and easy to install
- Accessory with movable flanges up to DN 600 (inclusive) and fixed flanges from DN 700.



**Fucoli-Somepal**  
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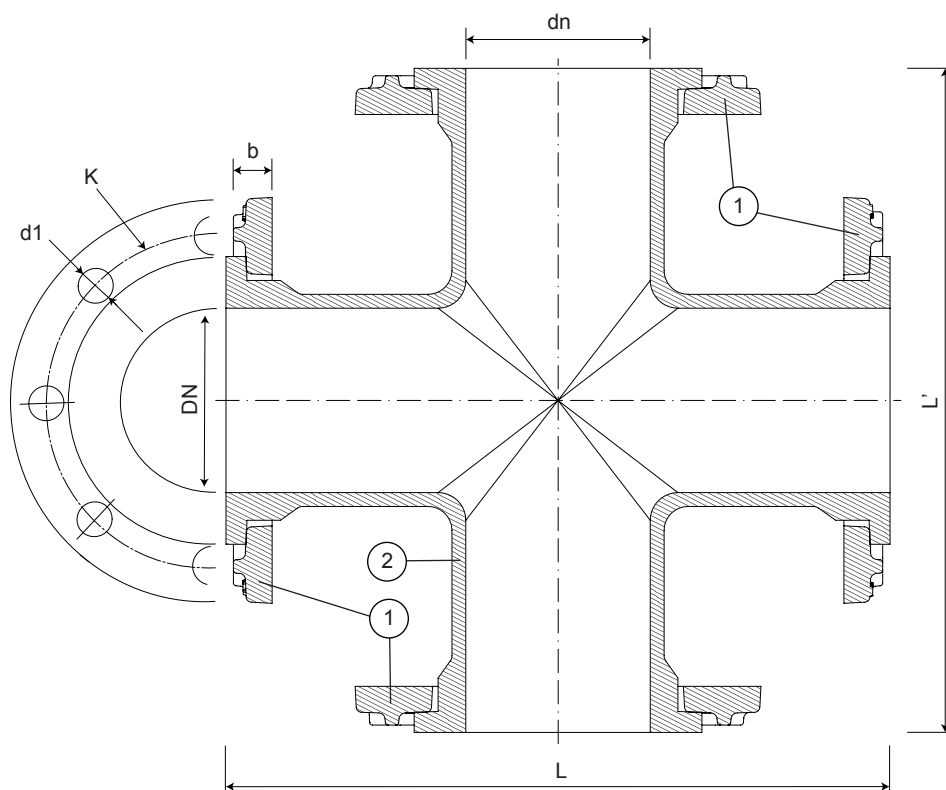
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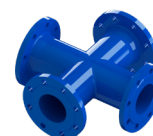
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DN 40 to DN 600



DN 700 to DN 1000

## Component list

| pos. | components | material                  | standard |
|------|------------|---------------------------|----------|
| 1    | Flange     | Ductile iron EN-GJS-500-7 | EN 1563  |
| 2    | Body       | Ductile iron EN-GJS-500-7 | EN 1563  |

## Reference and dimensions

| DN x dn   | PN    | code     | L<br>mm | L'<br>mm | K<br>mm | n° x d1<br>mm | b<br>mm | Flange<br>movable / fixed | Kg<br>approx. |
|-----------|-------|----------|---------|----------|---------|---------------|---------|---------------------------|---------------|
| 40 x 40   | 10/16 | 10040000 | 255     | 255      | 110     | 4 x 19        | 21      | movable                   | 11            |
| 40 x 40   | 25    | 10043000 | 255     | 255      | 110     | 4 x 19        | 21      | movable                   | 11            |
| 50 x 50   | 10/16 | 10040010 | 280     | 280      | 125     | 4 x 19        | 21      | movable                   | 13            |
| 50 x 50   | 25    | 10043010 | 280     | 280      | 125     | 4 x 19        | 21      | movable                   | 13            |
| 60 x 60   | 10/16 | 10040020 | 305     | 300      | 135     | 4 x 19        | 21      | movable                   | 15            |
| 60 x 60   | 25    | 10043020 | 305     | 305      | 135     | 8 x 19        | 21      | movable                   | 15            |
| 65 x 65   | 10/16 | 10040027 | 305     | 300      | 145     | 4 x 19        | 21      | movable                   | 16            |
| 65 x 65   | 25    | 10043027 | 305     | 305      | 145     | 8 x 19        | 21      | movable                   | 16            |
| 80 x 80   | 10/16 | 10040030 | 330     | 330      | 160     | 8 x 19        | 21      | movable                   | 19            |
| 80 x 80   | 25    | 10043030 | 330     | 330      | 160     | 8 x 19        | 21      | movable                   | 19            |
| 100 x 100 | 10/16 | 10040040 | 360     | 360      | 180     | 8 x 19        | 21      | movable                   | 23            |
| 100 x 100 | 25    | 10043040 | 360     | 360      | 190     | 8 x 23        | 21      | movable                   | 25            |
| 125 x 125 | 10/16 | 10040045 | 400     | 400      | 210     | 8 x 19        | 21      | movable                   | 31            |
| 125 x 125 | 25    | 10043045 | 400     | 400      | 220     | 8 x 28        | 21      | movable                   | 31            |
| 150 x 150 | 10/16 | 10040050 | 440     | 440      | 240     | 8 x 23        | 21      | movable                   | 37            |
| 150 x 150 | 25    | 10043050 | 440     | 440      | 250     | 8 x 28        | 21      | movable                   | 39            |
| 200 x 200 | 10/16 | 10040060 | 520     | 520      | 295     | 8 - 12 x 23   | 22      | movable                   | 57            |
| 200 x 200 | 25    | 10043060 | 520     | 520      | 310     | 12 x 28       | 22      | movable                   | 58            |
| 250 x 250 | 10    | 10040070 | 600     | 600      | 350     | 12 x 23       | 26      | movable                   | 81            |
| 250 x 250 | 16    | 10040071 | 600     | 600      | 355     | 12 x 28       | 26      | movable                   | 81            |
| 250 x 250 | 25    | 10043171 | 600     | 600      | 370     | 12 x 31       | 26      | movable                   | 90            |

continued on next page

All the drawing, technical data, dimensions and weights are not binding. Subject to change. The components may be replaced by equivalent or higher materials without prior notice.

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| DN x dn     | PN | code     | L<br>mm | L'<br>mm | K<br>mm | n° x d1<br>mm | b<br>mm | Flange<br>movable / fixed | Kg<br>approx. |
|-------------|----|----------|---------|----------|---------|---------------|---------|---------------------------|---------------|
| 300 x 300   | 10 | 10040080 | 680     | 680      | 400     | 12 x 23       | 32      | movable                   | 118           |
| 300 x 300   | 16 | 10040081 | 680     | 680      | 410     | 12 x 28       | 32      | movable                   | 118           |
| 300 x 300   | 25 | 10040082 | 680     | 680      | 430     | 16 x 31       | 32      | movable                   | 126           |
| 350 x 350   | 10 | 10040090 | 760     | 760      | 460     | 16 x 23       | 36      | movable                   | 158           |
| 350 x 350   | 16 | 10040091 | 760     | 760      | 470     | 16 x 28       | 36      | movable                   | 165           |
| 350 x 350   | 25 | 10043216 | 760     | 760      | 490     | 16 x 34       | 36      | movable                   | 177           |
| 400 x 400   | 10 | 10040100 | 840     | 840      | 515     | 16 x 28       | 38      | movable                   | 208           |
| 400 x 400   | 16 | 10040101 | 840     | 840      | 525     | 16 x 31       | 38      | movable                   | 211           |
| 400 x 400   | 25 | 10043252 | 840     | 840      | 550     | 16 x 37       | 38      | movable                   | 223           |
| 450 x 450   | 10 | 10040157 | 920     | 920      | 565     | 20 x 28       | 38      | movable                   | 280           |
| 450 x 450   | 16 | 10040159 | 920     | 920      | 585     | 20 x 31       | 38      | movable                   | 295           |
| 450 x 450   | 25 | 10043257 | 920     | 920      | 600     | 20 x 37       | 38      | movable                   | 320           |
| 500 x 500   | 10 | 10040288 | 1000    | 1000     | 620     | 20 x 28       | 40      | movable                   | 360           |
| 500 x 500   | 16 | 10040290 | 1000    | 1000     | 650     | 20 x 34       | 40      | movable                   | 380           |
| 500 x 500   | 25 | 10043288 | 1000    | 1000     | 660     | 20 x 37       | 40      | movable                   | 410           |
| 600 x 600   | 10 | 10040316 | 1165    | 1165     | 725     | 20 x 31       | 46      | movable                   | 510           |
| 600 x 600   | 16 | 10040318 | 1165    | 1165     | 770     | 20 x 37       | 46      | movable                   | 535           |
| 600 x 600   | 25 | 10043316 | 1165    | 1165     | 770     | 20 x 41       | 46      | movable                   | 570           |
| 700 x 700   | 10 | 10109150 | 1200    | 1200     | 840     | 24 x 31       | 32.5    | fixed                     | 770           |
| 700 x 700   | 16 | 10109151 | 1200    | 1200     | 840     | 24 x 37       | 39.5    | fixed                     | -             |
| 700 x 700   | 25 | 10109152 | 1200    | 1200     | 875     | 24 x 44       | 46.5    | fixed                     | -             |
| 800 x 800   | 10 | 10109160 | 1350    | 1350     | 950     | 24 x 34       | 35      | fixed                     | 950           |
| 800 x 800   | 16 | 10109161 | 1350    | 1350     | 950     | 24 x 41       | 43      | fixed                     | -             |
| 800 x 800   | 25 | 10109162 | 1350    | 1350     | 990     | 24 x 50       | 51      | fixed                     | -             |
| 900 x 900   | 10 | 10109170 | 1500    | 1500     | 1050    | 28 x 34       | 37.5    | fixed                     | 1270          |
| 900 x 900   | 16 | 10109171 | 1500    | 1500     | 1050    | 28 x 41       | 46.5    | fixed                     | -             |
| 900 x 900   | 25 | 10109173 | 1500    | 1500     | 1090    | 28 x 50       | 55.5    | fixed                     | -             |
| 800 x 800   | 10 | 10109160 | 1350    | 1350     | 950     | 24 x 34       | 35      | fixed                     | 950           |
| 800 x 800   | 16 | 10109161 | 1350    | 1350     | 950     | 24 x 41       | 43      | fixed                     | -             |
| 800 x 800   | 25 | 10109162 | 1350    | 1350     | 990     | 24 x 50       | 51      | fixed                     | -             |
| 900 x 900   | 10 | 10109170 | 1500    | 1500     | 1050    | 28 x 34       | 37.5    | fixed                     | 1270          |
| 900 x 900   | 16 | 10109171 | 1500    | 1500     | 1050    | 28 x 41       | 46.5    | fixed                     | -             |
| 900 x 900   | 25 | 10109173 | 1500    | 1500     | 1090    | 28 x 50       | 55.5    | fixed                     | -             |
| 1000 x 1000 | 10 | 10109180 | 1650    | 1650     | 1160    | 28 x 37       | 40      | fixed                     | 1500          |
| 1000 x 1000 | 16 | 10109181 | 1650    | 1650     | 1170    | 28 x 44       | 50      | fixed                     | -             |
| 1000 x 1000 | 25 | 10109183 | 1650    | 1650     | 1210    | 28 x 57       | 60      | fixed                     | -             |



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