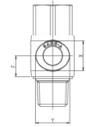
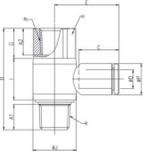


### GPHF

Female Banjo



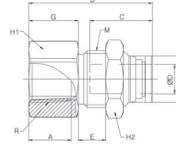
MODEL [ØD-T] Tube(Metric)–Thread(R)

| MODEL        | ØD | R    | Rc   | ØP   | A1  | A2 | B    | C    | E    | F    | G    | H  | I    | ØJ   | X    | Y    | ØHole (mm) | W.G(g) | Qty./Inbox |
|--------------|----|------|------|------|-----|----|------|------|------|------|------|----|------|------|------|------|------------|--------|------------|
| GPHF 03M5-M5 | 3  | M5   | M5   | 9    | 3.5 | 5  | 20.8 | 14.5 | 19.5 | 6.6  | 5.5  | 8  | 11.8 | 10   | 8.6  | 10.8 | 2          | 6.8    | 100        |
| GPHF 04M5-M5 | 4  | M5   | M5   | 9    | 3.5 | 5  | 20.8 | 14.5 | 19.5 | 6.6  | 5.5  | 8  | 11.8 | 10   | 8.6  | 10.8 | 2          | 6.7    | 100        |
| GPHF 0401-01 | 4  | R1/8 | R1/8 | 9    | 8   | 9  | 34.5 | 14.5 | 21.5 | 7.3  | 10.5 | 13 | 14.5 | 14   | 8.6  | 10.8 | 3.2        | 21.2   | 50         |
| GPHF 0402-02 | 4  | R1/4 | R1/4 | 9    | 11  | 12 | 44.5 | 14.5 | 24   | 9    | 13.5 | 17 | 18   | 19   | 8.6  | 10.8 | 3.2        | 42.0   | 50         |
| GPHF 0403-03 | 4  | R3/8 | R3/8 | 9    | 12  | 13 | 50.0 | 14.5 | 25.7 | 10.5 | 15   | 21 | 21   | 22.4 | 8.6  | 10.8 | 3.2        | 66.8   | 50         |
| GPHF 06M5-M5 | 6  | M5   | M5   | 11.2 | 3.5 | 5  | 20.8 | 15.5 | 20.5 | 7.1  | 5.5  | 8  | 11.8 | 10   | 11   | 13   | 2          | 7.5    | 50         |
| GPHF 0601-01 | 6  | R1/8 | R1/8 | 11.2 | 8   | 9  | 34.5 | 15.5 | 22.5 | 7.3  | 10.5 | 13 | 14.5 | 14   | 11   | 13   | 5          | 22.0   | 50         |
| GPHF 0602-02 | 6  | R1/4 | R1/4 | 11.2 | 11  | 12 | 44.5 | 15.5 | 25   | 9    | 13.5 | 17 | 18   | 19   | 11   | 13   | 5          | 42.8   | 50         |
| GPHF 0603-03 | 6  | R3/8 | R3/8 | 11.2 | 12  | 13 | 50.8 | 15.5 | 26.7 | 10.5 | 15   | 21 | 21   | 22.4 | 11   | 13   | 5          | 67.5   | 50         |
| GPHF 0801-01 | 8  | R1/8 | R1/8 | 13.6 | 8   | 9  | 34.5 | 17.8 | 25.6 | 8    | 10.5 | 13 | 14.5 | 14   | 13   | 15   | 6          | 23.2   | 50         |
| GPHF 0802-02 | 8  | R1/4 | R1/4 | 13.6 | 11  | 12 | 44.5 | 17.8 | 28.1 | 9    | 13.5 | 17 | 18   | 19   | 13   | 15   | 7          | 44.1   | 50         |
| GPHF 0803-03 | 8  | R3/8 | R3/8 | 13.6 | 12  | 13 | 50.8 | 17.8 | 29.8 | 10.5 | 15   | 21 | 21   | 22.4 | 13   | 15   | 7          | 68.0   | 25         |
| GPHF 0804-04 | 8  | R1/2 | R1/2 | 13.6 | 15  | 16 | 58.8 | 17.8 | 32.1 | 11   | 19   | 24 | 22   | 27   | 13   | 15   | 7          | 106.4  | 25         |
| GPHF 1002-02 | 10 | R1/4 | R1/4 | 16.3 | 11  | 12 | 44.5 | 19.4 | 28.9 | 9.7  | 13.5 | 17 | 18   | 19   | 16   | 18.5 | 8          | 47.3   | 25         |
| GPHF 1003-03 | 10 | R3/8 | R3/8 | 16.3 | 12  | 13 | 50.8 | 19.4 | 30.6 | 10.5 | 15   | 21 | 21   | 22.4 | 16   | 18.5 | 9          | 70.2   | 25         |
| GPHF 1004-04 | 10 | R1/2 | R1/2 | 16.3 | 15  | 16 | 58.8 | 19.4 | 32.9 | 11   | 19   | 24 | 22   | 27   | 16   | 18.5 | 9          | 107.6  | 20         |
| GPHF 1203-03 | 12 | R3/8 | R3/8 | 19.7 | 12  | 13 | 50.8 | 22.4 | 35.9 | 11.9 | 15   | 21 | 21   | 22.4 | 19.5 | 22.5 | 9.2        | 74.4   | 20         |
| GPHF 1204-04 | 12 | R1/2 | R1/2 | 19.7 | 15  | 16 | 58.8 | 22.4 | 38.2 | 11.9 | 19   | 24 | 22   | 27   | 19.5 | 22.5 | 9.5        | 111.8  | 20         |

\*Rotating body construction after a proper installation.

### GPMF

Bulkhead Female Straight

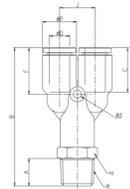


MODEL [ØD-T] Tube(Metric)–Thread(R)

| MODEL     | ØD | Rc    | ØP   | M        | G  | A  | B    | C    | E   | H1 | H2 | ØHole (mm) | W.G(g) | Qty./Inbox |
|-----------|----|-------|------|----------|----|----|------|------|-----|----|----|------------|--------|------------|
| GPMF 0401 | 4  | Rc1/8 | 8.8  | M12X1.0P | 11 | 9  | 25.1 | 14.5 | 3.4 | 14 | 14 | 3.2        | 18.3   | 100        |
| GPMF 0402 | 4  | Rc1/4 | 8.8  | M12X1.0P | 14 | 12 | 28.1 | 14.5 | 3.4 | 17 | 14 | 3.2        | 26.0   | 50         |
| GPMF 0403 | 4  | Rc3/8 | 8.8  | M12X1.0P | 15 | 13 | 29.1 | 14.5 | 3.4 | 19 | 14 | 3.2        | 27.5   | 50         |
| GPMF 0601 | 6  | Rc1/8 | 11   | M14X1.0P | 9  | 9  | 26.3 | 15.5 | 6   | 17 | 17 | 5          | 26.6   | 50         |
| GPMF 0602 | 6  | Rc1/4 | 11   | M14X1.0P | 14 | 12 | 31.3 | 15.5 | 6   | 17 | 17 | 5          | 31.4   | 50         |
| GPMF 0603 | 6  | Rc3/8 | 11   | M14X1.0P | 15 | 13 | 32.3 | 15.5 | 6   | 19 | 17 | 5          | 32.9   | 50         |
| GPMF 0801 | 8  | Rc1/8 | 13   | M16X1.0P | 8  | 9  | 28.9 | 17.8 | 7.7 | 19 | 19 | 7          | 39.9   | 50         |
| GPMF 0802 | 8  | Rc1/4 | 13   | M16X1.0P | 14 | 12 | 34.9 | 17.8 | 7.7 | 19 | 19 | 7          | 44.8   | 50         |
| GPMF 0803 | 8  | Rc3/8 | 13   | M16X1.0P | 15 | 13 | 35.9 | 17.8 | 7.7 | 19 | 19 | 7          | 41.8   | 50         |
| GPMF 0804 | 8  | Rc1/2 | 13   | M16X1.0P | 18 | 16 | 38.9 | 17.8 | 7.7 | 24 | 19 | 7          | 59.7   | 25         |
| GPMF 1001 | 10 | Rc1/8 | 15.5 | M20X1.0P | 10 | 9  | 29.3 | 19.4 | 5.7 | 22 | 24 | 7          | 54.8   | 25         |
| GPMF 1002 | 10 | Rc1/4 | 15.5 | M20X1.0P | 13 | 12 | 32.3 | 19.4 | 5.7 | 22 | 24 | 9          | 59.7   | 25         |
| GPMF 1003 | 10 | Rc3/8 | 15.5 | M20X1.0P | 15 | 13 | 34.3 | 19.4 | 5.7 | 22 | 24 | 9          | 58.3   | 25         |
| GPMF 1004 | 10 | Rc1/2 | 15.5 | M20X1.0P | 18 | 16 | 37.3 | 19.4 | 5.7 | 24 | 24 | 9          | 62.1   | 25         |
| GPMF 1201 | 12 | Rc1/8 | 18.8 | M22X1.0P | 9  | 9  | 32.4 | 22.4 | 8.2 | 24 | 26 | 8          | 69.4   | 25         |
| GPMF 1202 | 12 | Rc1/4 | 18.8 | M22X1.0P | 12 | 12 | 35.4 | 22.4 | 8.2 | 24 | 26 | 10         | 76.4   | 25         |
| GPMF 1203 | 12 | Rc3/8 | 18.8 | M22X1.0P | 14 | 13 | 37.4 | 22.4 | 8.2 | 24 | 26 | 10         | 76.1   | 25         |
| GPMF 1204 | 12 | Rc1/2 | 18.8 | M22X1.0P | 18 | 16 | 41.4 | 22.4 | 8.2 | 24 | 26 | 10         | 74.1   | 25         |

### GPWT

Male Y



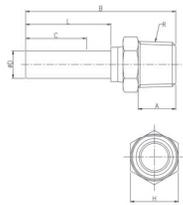
MODEL [ØD-T] Tube(Metric)–Thread(R)

| MODEL     | ØD | R    | A    | B  | C    | Ød   | J   | F    | H    | X  | Y    | ØHole (mm) | W.G(g) | Qty./Inbox |    |
|-----------|----|------|------|----|------|------|-----|------|------|----|------|------------|--------|------------|----|
| GPWT 04M5 | 4  | M5   | 9    | 4  | 37.4 | 14.5 | 3.2 | 9.3  | 13.2 | 9  | 8.6  | 10.8       | 2      | 8.9        | 50 |
| GPWT 04M6 | 4  | M6   | 9    | 5  | 38.4 | 14.5 | 3.2 | 9.3  | 13.2 | 9  | 8.6  | 10.8       | 2.1    | 9.4        | 50 |
| GPWT 0401 | 4  | R1/8 | 9    | 8  | 40.6 | 14.5 | 3.2 | 9.3  | 13.2 | 10 | 8.6  | 10.8       | 2.1    | 11.6       | 50 |
| GPWT 0402 | 4  | R1/4 | 9    | 11 | 43.6 | 14.5 | 3.2 | 9.3  | 13.2 | 14 | 8.6  | 10.8       | 2.1    | 20.5       | 50 |
| GPWT 0403 | 4  | R3/8 | 9    | 12 | 44.6 | 14.5 | 3.2 | 9.3  | 13.2 | 17 | 8.6  | 10.8       | 2.1    | 28.8       | 50 |
| GPWT 06M5 | 6  | M5   | 11.2 | 4  | 40.5 | 15.5 | 3.2 | 11.4 | 14.1 | 11 | 11   | 13         | 2      | 12.9       | 50 |
| GPWT 06M6 | 6  | M6   | 11.2 | 5  | 41.5 | 15.5 | 3.2 | 11.4 | 14.1 | 11 | 11   | 13         | 3      | 13.3       | 50 |
| GPWT 0601 | 6  | R1/8 | 11.2 | 8  | 43.7 | 15.5 | 3.2 | 11.4 | 14.1 | 11 | 11   | 13         | 3.6    | 15.2       | 50 |
| GPWT 0602 | 6  | R1/4 | 11.2 | 11 | 46.7 | 15.5 | 3.2 | 11.4 | 14.1 | 14 | 11   | 13         | 3.6    | 23.1       | 50 |
| GPWT 0603 | 6  | R3/8 | 11.2 | 12 | 47.7 | 15.5 | 3.2 | 11.4 | 14.1 | 17 | 11   | 13         | 3.6    | 35.2       | 25 |
| GPWT 0604 | 6  | R1/2 | 11.3 | 15 | 51.7 | 15.5 | 3.2 | 11.4 | 14.1 | 21 | 11   | 13         | 3.6    | 52.6       | 25 |
| GPWT 0801 | 8  | R1/8 | 13.6 | 8  | 52.6 | 17.8 | 3.2 | 14.2 | 18.6 | 13 | 13   | 15         | 5.4    | 23.3       | 50 |
| GPWT 0802 | 8  | R1/4 | 13.6 | 11 | 55.1 | 17.8 | 3.2 | 14.2 | 18.6 | 14 | 13   | 15         | 5.4    | 27.9       | 50 |
| GPWT 0803 | 8  | R3/8 | 13.6 | 12 | 56.1 | 17.8 | 3.2 | 14.2 | 18.6 | 17 | 13   | 15         | 5.4    | 36.2       | 25 |
| GPWT 0804 | 8  | R1/2 | 13.6 | 15 | 60.1 | 17.8 | 3.2 | 14.2 | 18.6 | 21 | 13   | 15         | 5.4    | 57.2       | 25 |
| GPWT 1001 | 10 | R1/8 | 16.3 | 8  | 53   | 19.4 | 4.2 | 17   | 18   | 17 | 16   | 18.5       | 6      | 30.6       | 25 |
| GPWT 1002 | 10 | R1/4 | 16.3 | 11 | 56   | 19.4 | 4.2 | 17   | 18   | 17 | 16   | 18.5       | 6.4    | 35.2       | 25 |
| GPWT 1003 | 10 | R3/8 | 16.3 | 12 | 58   | 19.4 | 4.2 | 17   | 18   | 17 | 16   | 18.5       | 6.4    | 40.8       | 25 |
| GPWT 1004 | 10 | R1/2 | 16.3 | 15 | 61   | 19.4 | 4.2 | 17   | 18   | 21 | 16   | 18.5       | 6.4    | 59.8       | 25 |
| GPWT 1201 | 12 | R1/8 | 19.7 | 8  | 62.9 | 22.4 | 4.2 | 20   | 23.9 | 19 | 19.5 | 22.5       | 6      | 49.0       | 25 |
| GPWT 1202 | 12 | R1/4 | 19.7 | 11 | 65.9 | 22.4 | 4.2 | 20   | 23.9 | 19 | 19.5 | 22.5       | 7.3    | 53.7       | 20 |
| GPWT 1203 | 12 | R3/8 | 19.7 | 12 | 67.9 | 22.4 | 4.2 | 20   | 23.9 | 19 | 19.5 | 22.5       | 7.3    | 59.5       | 20 |
| GPWT 1204 | 12 | R1/2 | 19.7 | 15 | 70.9 | 22.4 | 4.2 | 20   | 23.9 | 21 | 19.5 | 22.5       | 7.3    | 74.9       | 20 |

\*Rotating body construction after a proper installation.

### GPCJ

Plug-In Male



MODEL [ØD-T] Tube(Metric)–Thread(R)

| MODEL     | ØD | R    | A  | B    | L  | C    | H  | ØHole (mm) | W.G(g) | Qty./Inbox |
|-----------|----|------|----|------|----|------|----|------------|--------|------------|
| GPCJ 04M5 | 4  | M5   | 4  | 31.2 | 18 | 14.5 | 9  | 2          | 3.1    | 100        |
| GPCJ 0401 | 4  | R1/8 | 8  | 34.4 | 18 | 14.5 | 10 | 2.5        | 6.1    | 100        |
| GPCJ 0402 | 4  | R1/4 | 11 | 37.4 | 18 | 14.5 | 14 | 2.5        | 14.4   | 100        |
| GPCJ 06M5 | 6  | M5   | 4  | 36.2 | 23 | 15.5 | 9  | 2          | 3.3    | 100        |
| GPCJ 0601 | 6  | R1/8 | 8  | 39.4 | 23 | 15.5 | 10 | 4          | 6.3    | 100        |
| GPCJ 0602 | 6  | R1/4 | 11 | 42.2 | 23 | 15.5 | 14 | 4          | 14.6   | 50         |
| GPCJ 0603 | 6  | R3/8 | 12 | 43.4 | 23 | 15.5 | 17 | 4          | 23.1   | 50         |
| GPCJ 0801 | 8  | R1/8 | 8  | 41.5 | 25 | 17.8 | 10 | 6          | 6.1    | 50         |
| GPCJ 0802 | 8  | R1/4 | 11 | 44   | 25 | 17.8 | 14 | 6          | 14.0   | 50         |
| GPCJ 0803 | 8  | R3/8 | 12 | 45   | 25 | 17.8 | 17 | 6          | 22.4   | 50         |
| GPCJ 1002 | 10 | R1/4 | 11 | 49.1 | 27 | 19.4 | 17 | 8          | 18.8   | 25         |
| GPCJ 1003 | 10 | R3/8 | 12 | 48.6 | 27 | 19.4 | 17 | 8          | 20.6   | 25         |
| GPCJ 1004 | 10 | R1/2 | 15 | 51.6 | 27 | 19.4 | 21 | 8          | 38.5   | 25         |
| GPCJ 1202 | 12 | R1/4 | 11 | 51.1 | 29 | 22.4 | 17 | 8          | 19.7   | 25         |
| GPCJ 1203 | 12 | R3/8 | 12 | 50.6 | 29 | 22.4 | 17 | 9          | 21.5   | 25         |
| GPCJ 1204 | 12 | R1/2 | 15 | 53.6 | 29 | 22.4 | 21 | 9          | 39.4   | 25         |
| GPCJ 1403 | 14 | R3/8 | 12 | 56.5 | 30 | 24.4 | 20 | 11         | 33.1   | 12         |
| GPCJ 1404 | 14 | R1/2 | 15 | 59   | 30 | 24.4 | 21 | 11         | 46.1   | 12         |
| GPCJ 1603 | 16 | R3/8 | 12 | 57.5 | 31 | 25   | 20 | 11         | 33.7   | 12         |
| GPCJ 1604 | 16 | R1/2 | 15 | 60   | 31 | 25   | 21 | 13         | 46.7   | 12         |