
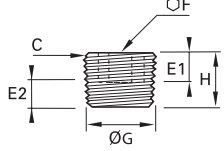



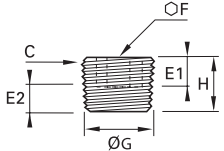
# Brass Plugs

## 0205 Internal Hexagon Head Plug, Male BSPT Thread


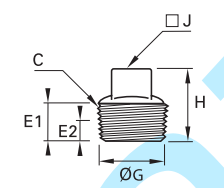
|      | Brass   | C          |   | E1 |        |        | F  | G    | H  | kg    |
|------|---|------------|---|----|--------|--------|----|------|----|-------|
|      |   |            |   | E1 | E2 min | E2 max |    |      |    |       |
|      |  |            |  |    |        |        |    |      |    |       |
| R1/8 |   | 0205 10 00 |   | 6  | 3.1    | 4.9    | 5  | 9.7  | 8  | 0.003 |
| R1/4 |   | 0205 13 00 |   | 8  | 4.7    | 7.3    | 6  | 13.2 | 10 | 0.007 |
| R3/8 |   | 0205 17 00 |   | 8  | 5.1    | 7.7    | 8  | 16.7 | 11 | 0.013 |
| R1/2 |   | 0205 21 00 |   | 8  | 6.4    | 10     | 10 | 21   | 13 | 0.026 |
| R3/4 |   | 0205 27 00 |   | 11 | 7.7    | 11.3   | 14 | 26.4 | 17 | 0.054 |
| R1   |   | 0205 34 00 |   | 13 | 8.1    | 12.7   | 17 | 33.2 | 19 | 0.094 |
| R1¼  |   | 0205 42 00 |   | 14 | 10.4   | 15     | 22 | 41.9 | 22 | 0.176 |
| R1½  |   | 0205 49 00 |   | 14 | 10.4   | 15     | 24 | 47.8 | 22 | 0.246 |
| R2   |   | 0205 48 00 |   | 16 | 13.6   | 18.2   | 30 | 59.6 | 25 | 0.431 |

For BSPT plug from 1/2" - 1½" inclusive:  
Conforms to DIN 906  
Thread: EN 10226-1

## 0205 Internal Hexagon Head Plug, Male NPT Thread


|        | Brass   | C          |   | E1 |        |        | F  | G    | H  | kg    |
|--------|---|------------|---|----|--------|--------|----|------|----|-------|
|        |   |            |   | E1 | E2 min | E2 max |    |      |    |       |
|        |  |            |  |    |        |        |    |      |    |       |
| NPT1/8 |   | 0205 11 00 |   | 6  | 3.2    | 5      | 5  | 10.2 | 8  | 0.003 |
| NPT1/4 |   | 0205 14 00 |   | 8  | 4.4    | 7.2    | 6  | 13.6 | 10 | 0.008 |
| NPT3/8 |   | 0205 18 00 |   | 8  | 4.7    | 7.5    | 8  | 17   | 11 | 0.014 |
| NPT1/2 |   | 0205 22 00 |   | 8  | 6.3    | 9.9    | 10 | 21.2 | 13 | 0.026 |
| NPT3/4 |   | 0205 28 00 |   | 11 | 6.8    | 10.4   | 14 | 26.6 | 17 | 0.052 |
| NPT1   |   | 0205 35 00 |   | 13 | 8      | 12.4   | 17 | 33.2 | 19 | 0.091 |

## 0209 Square Head Plug, Male BSPT Thread

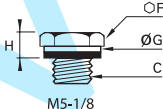
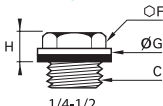
|      | Brass   | C          |   | E1 |        |        | G    | H  | J  | kg    |
|------|---|------------|---|----|--------|--------|------|----|----|-------|
|      |   |            |   | E1 | E2 min | E2 max |      |    |    |       |
|      |  |            |  |    |        |        |      |    |    |       |
| R1/8 |   | 0209 10 00 |   | 6  | 3.1    | 4.9    | 9.7  | 16 | 6  | 0.007 |
| R1/4 |   | 0209 13 00 |   | 8  | 4.7    | 7.3    | 13.2 | 18 | 8  | 0.014 |
| R3/8 |   | 0209 17 00 |   | 10 | 5.1    | 7.7    | 16.7 | 20 | 10 | 0.025 |
| R1/2 |   | 0209 21 00 |   | 11 | 6.4    | 10     | 21   | 22 | 13 | 0.047 |
| R3/4 |   | 0209 27 00 |   | 15 | 7.7    | 11.3   | 26.4 | 28 | 17 | 0.097 |
| R1   |   | 0209 34 00 |   | 18 | 8.1    | 12.7   | 33.2 | 32 | 19 | 0.170 |

Conforms to DIN 906  
Thread: EN 10226-1

## 0220 Hex Head Plug, Male BSPP and Metric Thread



Brass, technical polymer

| C      |            | F  | G  | H1  | kg    |
|--------|------------|----|----|-----|-------|
| M5x0.8 | 0220 19 00 | 8  | 8  | 5   | 0.002 |
| G1/8   | 0220 10 00 | 14 | 14 | 7.5 | 0.011 |
| G1/4   | 0220 13 00 | 17 | 17 | 7.5 | 0.019 |
| G3/8   | 0220 17 00 | 17 | 22 | 8.5 | 0.024 |
| G1/2   | 0220 21 00 | 22 | 27 | 10  | 0.040 |

Pre-assembled polyamide washer

M5: with screwdriver slot for tightening


Maximum allowable working pressure = 20 bar

Part number with suffix 99, maximum allowable working pressure = 250 bar, example: 0220 19 00 99

Conforms to BNA 229 (with the exception of M5 model), BSPP thread, ISO ISO 228-1, Parallel, metric thread, ISO NFE 03-054

## 0200 Hex Head Plug, Male BSPP and Metric Thread


Brass

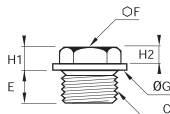
| C        |  | E   | F  | G    | H1  | H2  | kg    |
|----------|---|-----|----|------|-----|-----|-------|
| M6x1     | 0200 52 00  | 6   | 10 | 10   | 4   | 3.5 | 0.004 |
| M8x1.25  | 0200 57 00  | 7   | 13 | 13   | 4   | 3.5 | 0.007 |
| M10x1    | 0200 60 00  | 8   | 14 | 14   | 5   | 4.5 | 0.011 |
| M12x1    | 0200 65 00  | 9   | 17 | 17   | 5   | 4.5 | 0.018 |
| M12x1.25 | 0200 66 00  | 9   | 17 | 17   | 5   | 4.5 | 0.017 |
| G1/8     | 0200 10 00  | 7   | 14 | 13.7 | 5.5 | 4   | 0.011 |
| G1/4     | 0200 13 00  | 8.5 | 17 | 16.7 | 5.5 | 4   | 0.019 |

# Brass Plugs

## 0201

### Hex Head Plug with Collar, Male BSPP and Metric Thread




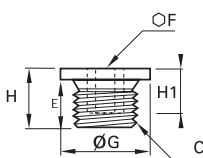


| C       |            | E  | F  | G    | H1  | H2  | kg    |
|---------|------------|----|----|------|-----|-----|-------|
| M16x1.5 | 0201 75 00 | 10 | 17 | 22   | 6.5 | 5   | 0.025 |
| M18x1.5 | 0201 78 00 | 10 | 17 | 24   | 7   | 5   | 0.026 |
| M20x1.5 | 0201 80 00 | 10 | 17 | 26   | 7.5 | 5   | 0.031 |
| M22x1.5 | 0201 82 00 | 10 | 22 | 30   | 7.5 | 5   | 0.044 |
| M24x1.5 | 0201 83 00 | 10 | 22 | 32   | 7.5 | 5   | 0.046 |
| M24x2   | 0201 92 00 | 10 | 22 | 32   | 7.5 | 5   | 0.046 |
| M30x2   | 0201 88 00 | 11 | 27 | 38   | 8.5 | 6   | 0.075 |
| G3/8    | 0201 17 00 | 10 | 17 | 21.7 | 6.5 | 4.5 | 0.024 |
| G1/2    | 0201 21 00 | 10 | 22 | 26.7 | 7.5 | 5   | 0.041 |
| G3/4    | 0201 27 00 | 11 | 22 | 31.7 | 8.5 | 6   | 0.057 |
| G1      | 0201 34 00 | 11 | 27 | 39.7 | 8.5 | 6   | 0.087 |
| G1¼     | 0201 42 00 | 12 | 30 | 49.7 | 10  | 7   | 0.142 |

## 0202

### Internal Hexagon Head Plug with Collar, Male Metric Thread






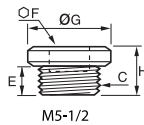
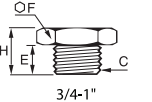

| C        |            | E  | F  | G  | H  | H1 | kg    |
|----------|------------|----|----|----|----|----|-------|
| M12x1    | 0202 65 00 | 9  | 6  | 17 | 11 | 8  | 0.009 |
| M12x1.25 | 0202 66 00 | 9  | 6  | 17 | 11 | 8  | 0.009 |
| M14x1.5  | 0202 71 00 | 10 | 6  | 19 | 13 | 10 | 0.015 |
| M16x1.5  | 0202 75 00 | 10 | 8  | 22 | 13 | 10 | 0.020 |
| M18x1.5  | 0202 78 00 | 10 | 10 | 24 | 13 | 10 | 0.022 |
| M20x1.5  | 0202 80 00 | 10 | 12 | 26 | 13 | 10 | 0.025 |
| M22x1.5  | 0202 82 00 | 10 | 12 | 30 | 13 | 10 | 0.034 |
| M27x2    | 0202 86 00 | 11 | 17 | 35 | 15 | 11 | 0.053 |
| M30x2    | 0202 88 00 | 11 | 19 | 38 | 15 | 11 | 0.062 |

Parallel metric threads, ISO standard NFE 03-054

# Nickel-Plated Brass Plugs

**0919**

Internal Hexagon Head Plug, Male BSPP and Metric Thread

|  | <b>Nickel-plated brass</b><br><br><br><br> | <b>C</b> |  | <b>E</b> | <b>F</b> | <b>G</b> | <b>H</b> | <b>kg</b> |
|---|--|----------|---|----------|----------|----------|----------|-----------|
|   |  | M5x0.8   | <a href="#">0919 00 19</a>  | 4        | 2.5      | 8        | 7.5      | 0.001     |
|   |  | G1/8     | <a href="#">0919 00 10</a>  | 6        | 3        | 15       | 10       | 0.007     |
|   |  | G1/4     | <a href="#">0919 00 13</a>  | 8        | 6        | 18       | 12       | 0.013     |
|   |  | G3/8     | <a href="#">0919 00 17</a>  | 9        | 8        | 21       | 13       | 0.021     |
|   |  | G1/2     | <a href="#">0919 00 21</a>  | 10       | 10       | 25       | 14.5     | 0.036     |
|   |  | G3/4     | <a href="#">0919 00 27</a>  | 11       | 30       | -        | 17       | 0.050     |
|   |  | G1       | <a href="#">0919 00 34</a>  | 13       | 38       | -        | 19       | 0.076     |


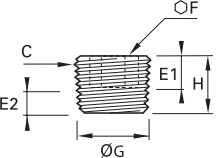
# Steel Plugs

## 0206 Internal Hexagon Head Plug, Male BSPT Thread


| C    |                            | E1 | E2 min | E2 max | F  | G    | H  | kg    |
|------|----------------------------|----|--------|--------|----|------|----|-------|
| R1/8 | <a href="#">0206 10 00</a> | 6  | 3.1    | 4.9    | 5  | 9.7  | 8  | 0.003 |
| R1/4 | <a href="#">0206 13 00</a> | 8  | 4.7    | 7.3    | 6  | 13.2 | 10 | 0.007 |
| R3/8 | <a href="#">0206 17 00</a> | 8  | 5.1    | 7.7    | 8  | 16.7 | 11 | 0.012 |
| R1/2 | <a href="#">0206 21 00</a> | 8  | 6.4    | 10     | 10 | 21   | 13 | 0.023 |
| R3/4 | <a href="#">0206 27 00</a> | 11 | 7.7    | 11.3   | 14 | 26.4 | 17 | 0.048 |
| R1   | <a href="#">0206 34 00</a> | 13 | 8.1    | 12.7   | 17 | 33.2 | 19 | 0.086 |
| R1¼  | <a href="#">0206 42 00</a> | 14 | 10.4   | 15     | 22 | 41.9 | 22 | 0.166 |
| R1½  | <a href="#">0206 49 00</a> | 14 | 10.4   | 15     | 24 | 47.8 | 22 | 0.222 |

For BSPT plugs, from 1/2" - 1½" inclusive  
Conforms to DIN 906  
Thread, conforms to EN 10226-1

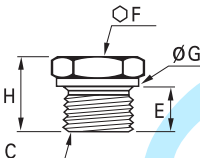
## 0206 Internal Hexagon Head Plug, Male NPT Thread


|  | Steel<br> | C       |                            | E1 | E2 min | E2 max | F  | G    | H  | kg    |
|---|--|---------|----------------------------|----|--------|--------|----|------|----|-------|
|   |  | NPT1/16 | <a href="#">0206 08 00</a> | 6  | 3.8    | 6.4    | 4  | 7.8  | 7  | 0.002 |
|   |  | NPT1/8  | <a href="#">0206 11 00</a> | 6  | 3.2    | 5      | 5  | 10.2 | 8  | 0.003 |
|   |  | NPT1/4  | <a href="#">0206 14 00</a> | 8  | 4.4    | 7.2    | 6  | 13.6 | 10 | 0.007 |
|   |  | NPT3/8  | <a href="#">0206 18 00</a> | 8  | 4.7    | 7.5    | 8  | 17   | 11 | 0.012 |
|   |  | NPT1/2  | <a href="#">0206 22 00</a> | 8  | 6.3    | 9.9    | 10 | 21.2 | 13 | 0.024 |
|   |  | NPT3/4  | <a href="#">0206 28 00</a> | 11 | 6.8    | 10.4   | 14 | 26.6 | 17 | 0.047 |
|   |  | NPT1    | <a href="#">0206 35 00</a> | 13 | 8      | 12.4   | 17 | 33.2 | 19 | 0.083 |

## 0210 Hex Head Plug, Male BSPP and Metric Thread






Steel




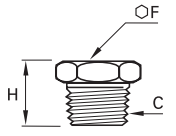
| C        |  | E  | F  | G  | H  | kg    |
|----------|---|----|----|----|----|-------|
| M8x1.25  | <a href="#">0210 57 00</a>  | 8  | 14 | 12 | 15 | 0.010 |
| M10x1    | <a href="#">0210 60 00</a>  | 8  | 14 | 14 | 15 | 0.013 |
| M12x1.25 | <a href="#">0210 66 00</a>  | 11 | 17 | 17 | 18 | 0.021 |
| G1/8     | <a href="#">0210 10 00</a>  | 8  | 14 | 14 | 15 | 0.012 |
| M14x1.25 | <a href="#">0210 70 00</a>  | 11 | 19 | 19 | 20 | 0.032 |
| G1/4     | <a href="#">0210 13 00</a>  | 12 | 19 | 18 | 21 | 0.031 |
| G3/8     | <a href="#">0210 17 00</a>  | 12 | 22 | 22 | 21 | 0.046 |
| G1/2     | <a href="#">0210 21 00</a>  | 14 | 27 | 26 | 24 | 0.078 |
| G3/4     | <a href="#">0210 27 00</a>  | 16 | 32 | 32 | 27 | 0.134 |
| G1       | <a href="#">0210 34 00</a>  | 18 | 41 | 39 | 33 | 0.269 |
| G1¼      | <a href="#">0210 42 00</a>  | 20 | 50 | 49 | 35 | 0.441 |

Profile of head undercut conforms to DIN 3852-1; form D/E  
BSPP threads, ISO 228-1  
Parallel metric threads, NFE 03-054

## 0216 Hex Head Plug, Male BSPT Thread


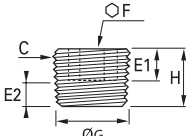

|   |                                    |   |                            |   |    |       |    |
|---|------------------------------------|---|----------------------------|---|----|-------|----|
|  | Steel                              |  | C                          |  | F  | H     | kg |
|   | R1/8                               |   | <a href="#">0216 10 00</a> | 13  | 16 | 0.012 |    |
|   | R1/4                               |   | <a href="#">0216 13 00</a> | 17  | 19 | 0.023 |    |
|   | R3/8                               |   | <a href="#">0216 17 00</a> | 19  | 21 | 0.038 |    |
|   | R1/2                               |   | <a href="#">0216 21 00</a> | 22  | 23 | 0.060 |    |
|   | BSPT thread conforms to EN 10226-1 |   |                            |   |    |       |    |

## 0216 Hex Head Plug, Male NPT Thread


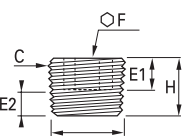

|  | Steel<br> | C      |                            | F  | H  | kg    |
|---|--|--------|----------------------------|----|----|-------|
|   |  | NPT1/8 | <a href="#">0216 11 00</a> | 13 | 16 | 0.012 |
|   |  | NPT1/4 | <a href="#">0216 14 00</a> | 17 | 19 | 0.024 |
|   |  | NPT3/8 | <a href="#">0216 18 00</a> | 19 | 21 | 0.038 |
|   |  | NPT1/2 | <a href="#">0216 22 00</a> | 22 | 23 | 0.060 |

# Stainless Steel Plugs

## 0285 Internal Hexagon Head Plug, Male BSPT Thread

|  | Stainless steel 316L |  | C    |  | E1 | E2<br>min | E2<br>max | F  | G    | H  | kg    |
|---|----------------------|---|------|---|----|-----------|-----------|----|------|----|-------|
|   |                      |   | R1/8 | 0285 10 00  | 6  | 3.1       | 4.9       | 5  | 9.7  | 8  | 0.003 |
|   |                      |   | R1/4 | 0285 13 00  | 8  | 4.7       | 7.3       | 6  | 13.2 | 10 | 0.007 |
|   |                      |   | R3/8 | 0285 17 00  | 8  | 5.1       | 7.7       | 8  | 16.7 | 11 | 0.013 |
|   |                      |   | R1/2 | 0285 21 00  | 8  | 6.4       | 10        | 10 | 21   | 13 | 0.024 |
|   |                      |   | R3/4 | 0285 27 00  | 11 | 7.7       | 11.3      | 14 | 26.4 | 17 | 0.051 |
|   |                      |   | R1   | 0285 34 00  | 13 | 8.1       | 12.7      | 17 | 33.2 | 19 | 0.089 |

## 0285 Internal Hexagon Head Plug, Male NPT Thread

|  | Stainless steel 316L |  | C      |  | E1 | E2<br>min | E2<br>max | F  | G    | H  | kg    |
|---|----------------------|---|--------|---|----|-----------|-----------|----|------|----|-------|
|   |                      |   | NPT1/8 | 0285 11 00  | 6  | 3.2       | 5         | 5  | 10.2 | 8  | 0.003 |
|   |                      |   | NPT1/4 | 0285 14 00  | 8  | 4.4       | 7.2       | 6  | 13.6 | 10 | 0.007 |
|   |                      |   | NPT3/8 | 0285 18 00  | 8  | 4.7       | 7.5       | 8  | 17   | 11 | 0.013 |
|   |                      |   | NPT1/2 | 0285 22 00  | 8  | 6.3       | 9.9       | 10 | 21.2 | 13 | 0.025 |