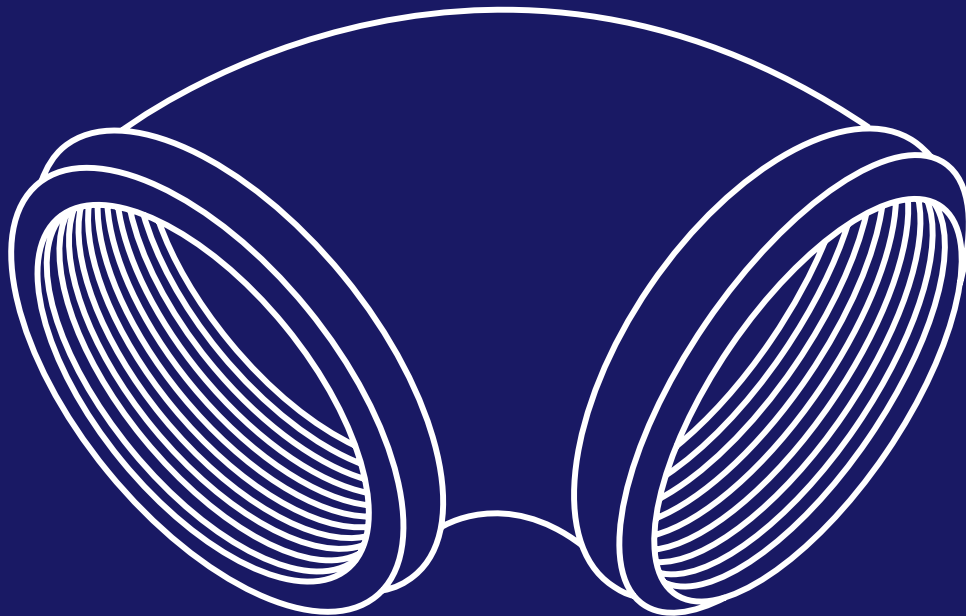




## **Malleable Iron Pipe Fittings**

**Model: FISA1 - FISZA1**

Version 1.01  
July 2025 release

# 90° Elbow, Equal Model: FISA1



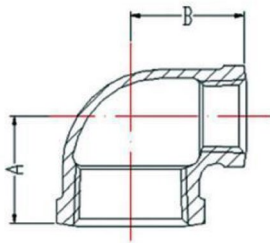
# 90° M&F Elbow, Equal Model: FISA4



| Part No | Size   |     | A    | Unit Weight |       | Packing Carton |
|---------|--------|-----|------|-------------|-------|----------------|
|         | BSPT   | DN  | mm   | Black       | Galv. | Pcs/ctn        |
|         |        |     |      | g           | g     |                |
| FISA101 | 1/8"   | 6   | 18   | 30.38       | 31    | 600            |
| FISA102 | 1/4"   | 8   | 20   | 42.14       | 43    | 600            |
| FISA103 | 3/8"   | 10  | 24   | 60.76       | 62    | 500            |
| FISA104 | 1/2"   | 15  | 27   | 96.04       | 98    | 400            |
| FISA105 | 3/4"   | 20  | 32   | 139.16      | 142   | 210            |
| FISA106 | 1"     | 25  | 37   | 213.64      | 218   | 120            |
| FISA107 | 1 1/4" | 32  | 44.5 | 340.06      | 347   | 64             |
| FISA108 | 1 1/2" | 40  | 48.5 | 423.36      | 432   | 48             |
| FISA109 | 2"     | 50  | 57   | 674.24      | 688   | 32             |
| FISA110 | 2 1/2" | 65  | 68.5 | 1068.2      | 1090  | 16             |
| FISA111 | 3"     | 80  | 77.5 | 1489.6      | 1520  | 10             |
| FISA112 | 4"     | 100 | 96.5 | 2700.88     | 2756  | 6              |
| FISA113 | 6"     | 150 | 129  | 6089.72     | 6214  | 2              |

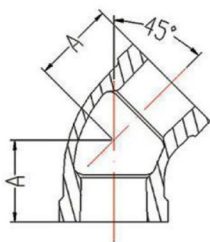
| Part No | Size   |     | A    | B   | Unit Weight |       | Packing Carton |
|---------|--------|-----|------|-----|-------------|-------|----------------|
|         | BSPT   | DN  | mm   | mm  | Black       | Galv. | Pcs/ctn        |
|         |        |     |      |     | g           | g     |                |
| FISA401 | 1/4"   | 8   | 20   | 28  | 37.24       | 38    | 600            |
| FISA402 | 3/8"   | 10  | 25   | 33  | 54.88       | 56    | 500            |
| FISA403 | 1/2"   | 15  | 28   | 38  | 87.22       | 89    | 300            |
| FISA404 | 3/4"   | 20  | 33   | 44  | 132.3       | 135   | 180            |
| FISA405 | 1"     | 25  | 38   | 52  | 204.82      | 209   | 104            |
| FISA406 | 1 1/4" | 32  | 45   | 60  | 339.08      | 346   | 60             |
| FISA407 | 1 1/2" | 40  | 50   | 65  | 434.14      | 443   | 52             |
| FISA408 | 2"     | 50  | 58   | 74  | 701.68      | 716   | 26             |
| FISA409 | 2 1/2" | 65  | 69   | 90  | 1125.04     | 1148  | 12             |
| FISA410 | 3"     | 80  | 77.5 | 100 | 1547.42     | 1579  | 10             |
| FISA411 | 4"     | 100 | 96.5 | 120 | 2703.82     | 2759  | 6              |

## 90° Elbow, Reducing Model: FISRA1



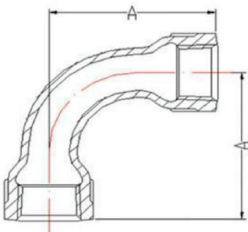
| Part No  | Size            |         | A    | B  | Unit Weight |       | Packing Carton |
|----------|-----------------|---------|------|----|-------------|-------|----------------|
|          | BSPT            | DN      | mm   | mm | Black       | Galv. |                |
|          |                 |         |      |    | g           | g     | Pcs/ctn        |
| FISRA101 | 1/2" x 3/8"     | 15 x 10 | 25   | 25 | 74.48       | 76    | 270            |
| FISRA102 | 3/4" x 1/2"     | 20 x 15 | 29   | 30 | 122.5       | 125   | 270            |
| FISRA103 | 1" x 3/8"       | 25 x 10 | 29   | 31 | 143.08      | 146   | 160            |
| FISRA104 | 1" x 1/2"       | 25 x 15 | 31   | 33 | 161.7       | 165   | 160            |
| FISRA105 | 1" x 3/4"       | 25 x 20 | 34   | 35 | 184.24      | 188   | 160            |
| FISRA106 | 1-1/4" x 3/8"   | 32 x 10 | 31   | 36 | 213.64      | 218   | 100            |
| FISRA107 | 1-1/4" x 1/2"   | 32 x 15 | 34   | 37 | 227.36      | 232   | 100            |
| FISRA108 | 1-1/4" x 3/4"   | 32 x 20 | 36   | 40 | 252.84      | 258   | 100            |
| FISRA109 | 1-1/4" x 1"     | 32 x 25 | 40   | 41 | 285.18      | 291   | 90             |
| FISRA110 | 1-1/2" x 1/2"   | 40 x 15 | 35   | 41 | 266.56      | 272   | 90             |
| FISRA111 | 1-1/2" x 3/4"   | 40 x 20 | 37   | 43 | 302.82      | 309   | 90             |
| FISRA112 | 1-1/2" x 1"     | 40 x 25 | 41   | 45 | 342.02      | 349   | 70             |
| FISRA113 | 1-1/2" x 1-1/4" | 40 x 32 | 45   | 47 | 400.82      | 409   | 56             |
| FISRA114 | 2" x 1/2"       | 50 x 15 | 37   | 47 | 398.86      | 407   | 68             |
| FISRA115 | 2" x 3/4"       | 50 x 20 | 40   | 49 | 423.36      | 432   | 52             |
| FISRA116 | 2" x 1"         | 50 x 25 | 43   | 51 | 476.28      | 486   | 50             |
| FISRA117 | 2" x 1-1/4"     | 50 x 32 | 47   | 53 | 552.72      | 564   | 40             |
| FISRA118 | 2" x 1-1/2"     | 50 x 40 | 51   | 54 | 588         | 600   | 30             |
| FISRA119 | 2-1/2" x 1/2"   | 65 x 15 | 40.5 | 56 | 579.18      | 591   | 46             |
| FISRA120 | 2-1/2" x 3/4"   | 65 x 20 | 43.5 | 57 | 613.48      | 626   | 40             |
| FISRA121 | 2-1/2" x 1"     | 65 x 25 | 47.5 | 59 | 686         | 700   | 34             |
| FISRA122 | 2-1/2" x 1-1/4" | 65 x 32 | 51.5 | 61 | 732.06      | 747   | 30             |
| FISRA123 | 2-1/2" x 1-1/2" | 65 x 40 | 54.5 | 61 | 772.24      | 788   | 26             |
| FISRA124 | 2-1/2" x 2"     | 65 x 50 | 59.5 | 64 | 904.54      | 923   | 24             |

## 45° Elbow Model: FISA1/45

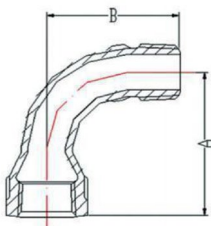


| Part No    | Size   |    | A  | Unit Weight |       | Packing Carton |
|------------|--------|----|----|-------------|-------|----------------|
|            | BSPT   | DN | mm | Black       | Galv. |                |
|            |        |    |    | g           | Galv. | Pcs/ctn        |
| FISA1-4501 | 3/8"   | 10 | 20 | 56.84       | 58    | 500            |
| FISA1-4502 | 1/2"   | 15 | 22 | 91.14       | 93    | 400            |
| FISA1-4503 | 3/4"   | 20 | 25 | 131.32      | 134   | 240            |
| FISA1-4504 | 1"     | 25 | 28 | 196.98      | 201   | 140            |
| FISA1-4505 | 1 1/4" | 32 | 33 | 315.56      | 322   | 96             |
| FISA1-4506 | 1 1/2" | 40 | 36 | 392         | 400   | 72             |
| FISA1-4507 | 2"     | 50 | 43 | 646.8       | 660   | 36             |

90° Female Long  
Sweep Bend  
Model: FISG1



90° M&F Long  
Sweep Bend  
Model: FISG4



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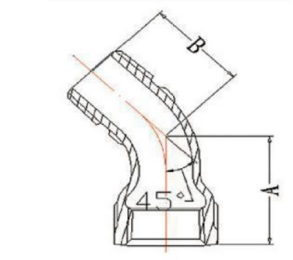
| Part No | Size   |     | A   | Unit Weight |       | Packing Carton |
|---------|--------|-----|-----|-------------|-------|----------------|
|         | BSPT   | DN  | mm  | Black       | Galv. |                |
|         |        |     |     | g           | g     | Pcs/ctn        |
| FISG101 | 3/8"   | 10  | 48  | 87.22       | 89    | 400            |
| FISG102 | 1/2"   | 15  | 55  | 142.1       | 145   | 220            |
| FISG103 | 3/4"   | 20  | 69  | 223.44      | 228   | 120            |
| FISG104 | 1"     | 25  | 85  | 372.4       | 380   | 70             |
| FISG105 | 1-1/4" | 32  | 105 | 607.6       | 620   | 40             |
| FISG106 | 1-1/2" | 40  | 116 | 807.52      | 824   | 20             |
| FISG107 | 2"     | 50  | 140 | 1268.12     | 1294  | 12             |
| FISG108 | 2-1/2" | 65  | 176 | 2243.22     | 2289  | 8              |
| FISG109 | 3"     | 80  | 205 | 3234        | 3300  | 6              |
| FISG110 | 4"     | 100 | 260 | 6056.4      | 6180  | 2              |

| Part No | Size   |     | A   | B   | Unit Weight |       | Packing Carton |
|---------|--------|-----|-----|-----|-------------|-------|----------------|
|         | BSPT   | DN  | mm  | mm  | Black       | Galv. |                |
|         |        |     |     |     | g           | g     | Pcs/ctn        |
| FISG401 | 3/8"   | 10  | 48  | 42  | 71.54       | 73    | 400            |
| FISG402 | 1/2"   | 15  | 55  | 48  | 115.64      | 118   | 280            |
| FISG403 | 3/4"   | 20  | 69  | 60  | 187.18      | 191   | 150            |
| FISG404 | 1"     | 25  | 85  | 75  | 304.78      | 311   | 80             |
| FISG405 | 1-1/4" | 32  | 105 | 95  | 519.4       | 530   | 50             |
| FISG406 | 1-1/2" | 40  | 116 | 105 | 665.42      | 679   | 24             |
| FISG407 | 2"     | 50  | 140 | 130 | 1123.08     | 1146  | 12             |
| FISG408 | 2-1/2" | 65  | 176 | 165 | 2067.8      | 2110  | 8              |
| FISG409 | 3"     | 80  | 205 | 190 | 2955.68     | 3016  | 6              |
| FISG410 | 4"     | 100 | 260 | 245 | 5396.86     | 5507  | 2              |

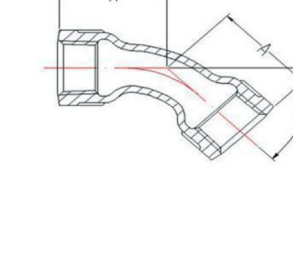


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# 45° M&F Short Sweep Bend Model: FISG4/45



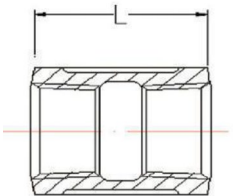
# 45° Female Short Sweep Bends Model: FISD1



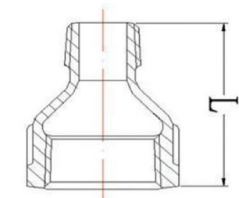
| Part No    | Size   |    | A   | B   | Unit Weight |       | Packing Carton |
|------------|--------|----|-----|-----|-------------|-------|----------------|
|            | BSPT   | DN | mm  | mm  | Black       | Galv. |                |
|            |        |    |     |     | g           | g     | Pcs/ctn        |
| FISG4-4501 | 1/2"   | 15 | 36  | 30  | 87          | 88    | 180            |
| FISG4-4502 | 3/4"   | 20 | 43  | 36  | 88          | 144   | 160            |
| FISG4-4503 | 7"     | 25 | 51  | 42  | 89          | 224   | 80             |
| FISG4-4504 | 1-1/4" | 32 | 64  | 54  | 90          | 362   | 50             |
| FISG4-4505 | 1-1/2" | 40 | 68  | 58  | 91          | 450   | 24             |
| FISG4-4506 | 2"     | 50 | 81  | 70  | 92          | 752   | 12             |
| FISG4-4507 | 2-1/2" | 65 | 99  | 86  | 93          | 1344  | 8              |
| FISG4-4508 | 3"     | 80 | 113 | 100 | 94          | 1963  | 6              |

| Part No | Size |    | A  | Unit Weight |       | Packing Carton |
|---------|------|----|----|-------------|-------|----------------|
|         | BSPT | DN | mm | Black       | Galv. |                |
|         |      |    |    | g           | g     | Pcs/ctn        |
| FISD101 | 2"   | 50 | 81 | -           | -     | 12             |

# Part Thread Socket Model: FISM2



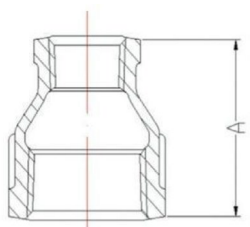
# Socket Reducing, M&F Model: FISRM4



| Part No | Size   |     | L    | Unit Weight |         | Packing Carton |
|---------|--------|-----|------|-------------|---------|----------------|
|         | BSPT   | DN  |      | Black       | Galv.   |                |
|         |        |     | g    | g           | Pcs/ctn |                |
| FISM201 | 1/8"   | 6   | 23.5 | -           | -       | -              |
| FISM202 | 1/4"   | 8   | 26   | 36.26       | 37      | 800            |
| FISM203 | 3/8"   | 10  | 29   | 46.06       | 47      | 700            |
| FISM204 | 1/2"   | 15  | 35   | 80.36       | 82      | 450            |
| FISM205 | 3/4"   | 20  | 38   | 113.68      | 116     | 300            |
| FISM206 | 1"     | 25  | 44   | 176.4       | 180     | 180            |
| FISM207 | 1 1/4" | 32  | 49   | 264.6       | 270     | 120            |
| FISM208 | 1 1/2" | 40  | 53   | 319.48      | 326     | 72             |
| FISM209 | 2"     | 50  | 63   | 543.9       | 555     | 48             |
| FISM210 | 2 1/2" | 65  | 72   | 825.16      | 842     | 32             |
| FISM211 | 3"     | 80  | 77.5 | 1003.52     | 1024    | 24             |
| FISM212 | 4"     | 100 | 91.5 | 1702.26     | 1737    | 10             |
| FISM213 | 6"     | 150 | 118  | 3776.92     | 3854    | 4              |

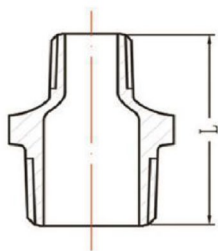
| Part No  | Size            |         | L  | Unit Weight |       | Packing Carton |
|----------|-----------------|---------|----|-------------|-------|----------------|
|          | BSPT            | DN      | mm | Black       | Galv. |                |
|          |                 |         |    | g           | g     | Pcs/ctn        |
| FISRM401 | 3/4" x 1/2"     | 20 x 15 | 47 | 93.1        | 95    | 380            |
| FISRM402 | 1" x 1/2"       | 25 x 15 | 54 | 132.3       | 135   | 180            |
| FISRM403 | 1" x 3/4"       | 25 x 20 | 54 | 143.08      | 146   | 180            |
| FISRM404 | 1-1/4" x 3/4"   | 32 x 20 | 59 | 202.86      | 207   | 120            |
| FISRM405 | 1-1/4" x 1"     | 32 x 25 | 59 | 213.64      | 218   | 120            |
| FISRM406 | 1-1/2" x 3/4"   | 40 x 20 | 62 | 252.84      | 258   | 80             |
| FISRM407 | 1-1/2" x 1"     | 40 x 25 | 62 | 266.56      | 272   | 80             |
| FISRM408 | 1-1/2" x 1-1/4" | 40 x 32 | 62 | 288.12      | 294   | 80             |
| FISRM409 | 2" x 1"         | 50 x 25 | 69 | 397.88      | 406   | 48             |
| FISRM410 | 2" x 1-1/4"     | 50 x 32 | 69 | 425.32      | 434   | 48             |
| FISRM411 | 2" x 1-1/2"     | 50 x 40 | 69 | 429.24      | 438   | 48             |

## Socket, Reducing Model: FISRM2



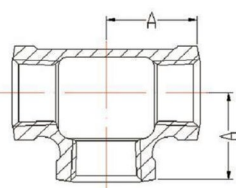
| Part No  | Size            |          | A    | Unit Weight |       | Packing Carton |
|----------|-----------------|----------|------|-------------|-------|----------------|
|          | BSPT            | DN       | mm   | Black       | Galv. |                |
|          |                 |          |      | g           | g     | Pcs/ctn        |
| FISRM201 | 3/8" x 1/4"     | 10 x 8   | 29   | 42          | 43    | 500            |
| FISRM202 | 1/2" x 1/4"     | 15 x 8   | 35   | 66          | 67    | 500            |
| FISRM203 | 1/2" x 3/8"     | 15 x 10  | 36   | 69          | 70    | 500            |
| FISRM204 | 3/4" x 1/4"     | 20 x 8   | 38   | 86          | 88    | 360            |
| FISRM205 | 3/4" x 3/8"     | 20 x 10  | 38   | 91          | 93    | 360            |
| FISRM206 | 3/4" x 1/2"     | 20 x 15  | 38   | 105         | 107   | 360            |
| FISRM207 | 1" x 1/4"       | 25 x 8   | 44   | 132         | 135   | 200            |
| FISRM208 | 1" x 3/8"       | 25 x 10  | 44   | 128         | 131   | 200            |
| FISRM209 | 1" x 1/2"       | 25 x 15  | 44   | 142         | 145   | 200            |
| FISRM210 | 1" x 3/4"       | 25 x 20  | 44   | 150         | 153   | 200            |
| FISRM211 | 1-1/4" x 1/2"   | 32 x 15  | 49   | 203         | 207   | 144            |
| FISRM212 | 1-1/4" x 3/4"   | 32 x 20  | 49   | 214         | 218   | 144            |
| FISRM213 | 1-1/4" x 1"     | 32 x 25  | 49   | 225         | 230   | 120            |
| FISRM214 | 1-1/2" x 1/2"   | 40 x 15  | 53   | 247         | 252   | 140            |
| FISRM215 | 1-1/2" x 3/4"   | 40 x 20  | 53   | 254         | 259   | 140            |
| FISRM216 | 1-1/2" x 1"     | 40 x 25  | 53   | 277         | 283   | 120            |
| FISRM217 | 1-1/2" x 1-1/4" | 40 x 32  | 53   | 312         | 318   | 100            |
| FISRM218 | 2" x 1/2"       | 50 x 15  | 63   | 392         | 400   | 80             |
| FISRM219 | 2" x 3/4"       | 50 x 20  | 63   | 406         | 414   | 80             |
| FISRM220 | 2" x 1"         | 50 x 25  | 63   | 414         | 422   | 72             |
| FISRM221 | 2" x 1-1/4"     | 50 x 32  | 63   | 435         | 444   | 72             |
| FISRM222 | 2" x 1-1/2"     | 50 x 40  | 63   | 475         | 485   | 48             |
| FISRM223 | 2-1/2" x 1/2"   | 65 x 15  | 72   | 568         | 580   | 60             |
| FISRM224 | 2-1/2" x 3/4"   | 65 x 20  | 72   | 578         | 590   | 60             |
| FISRM225 | 2-1/2" x 1"     | 65 x 25  | 72   | 594         | 606   | 60             |
| FISRM226 | 2-1/2" x 1-1/4" | 65 x 32  | 72   | 614         | 627   | 60             |
| FISRM227 | 2-1/2" x 1-1/2" | 65 x 40  | 72   | 634         | 647   | 60             |
| FISRM228 | 2-1/2" x 2"     | 65 x 50  | 72   | 713         | 728   | 40             |
| FISRM229 | 3" x 1/2"       | 80 x 15  | 77.5 | 699         | 713   | 40             |
| FISRM230 | 3" x 3/4"       | 80 x 20  | 77.5 | 735         | 750   | 40             |
| FISRM231 | 3" x 1"         | 80 x 25  | 77.5 | 747         | 762   | 40             |
| FISRM232 | 3" x 1-1/4"     | 80 x 32  | 77.5 | 764         | 780   | 40             |
| FISRM233 | 3" x 1-1/2"     | 80 x 40  | 77.5 | 785         | 801   | 40             |
| FISRM234 | 3" x 2"         | 80 x 50  | 77.5 | 839         | 856   | 36             |
| FISRM235 | 3" x 2-1/2"     | 80 x 65  | 77.5 | 860         | 878   | 24             |
| FISRM236 | 4" x 1/2"       | 100 x 15 | 91.5 | 1139        | 1162  | 20             |
| FISRM237 | 4" x 3/4"       | 100 x 20 | 91.5 | 1223        | 1248  | 20             |
| FISRM238 | 4" x 1"         | 100 x 25 | 91.5 | 1233        | 1258  | 20             |
| FISRM239 | 4" x 1-1/4"     | 100 x 32 | 91.5 | 1279        | 1305  | 20             |
| FISRM240 | 4" x 1-1/2"     | 100 x 40 | 91.5 | 1294        | 1320  | 20             |
| FISRM241 | 4" x 2"         | 100 x 50 | 91.5 | 1326        | 1353  | 16             |
| FISRM242 | 4" x 2-1/2"     | 100 x 65 | 91.5 | 1378        | 1406  | 14             |
| FISRM243 | 4" x 3"         | 100 x 80 | 91.5 | 1438        | 1467  | 12             |

## Nipple, Reducing Model: FISRN8



| Part No  | Size            |         | L  | S    | Unit Weight |       | Packing Carton |
|----------|-----------------|---------|----|------|-------------|-------|----------------|
|          | BSPT            | DN      | mm | mm   | Black       | Galv. | Pcs/ctn        |
|          |                 |         |    |      | g           | g     |                |
| FISRN801 | 1/2" x 1/4"     | 15 x 8  | 44 | 22   | 47.04       | 48    | 600            |
| FISRN802 | 1/2" x 3/8"     | 15 x 10 | 44 | 22   | 59.78       | 61    | 600            |
| FISRN803 | 3/4" x 1/2"     | 20 x 15 | 47 | 29.9 | 91.14       | 93    | 400            |
| FISRN804 | 1" x 1/2"       | 25 x 15 | 53 | 35.8 | 115.64      | 118   | 260            |
| FISRN805 | 1" x 3/4"       | 25 x 20 | 53 | 35.8 | 137.2       | 140   | 240            |
| FISRN806 | 1-1/4" x 1/2"   | 32 x 15 | 57 | 45.6 | 177.38      | 181   | 160            |
| FISRN807 | 1-1/4" x 3/4"   | 32 x 20 | 57 | 45.6 | 181.3       | 185   | 140            |
| FISRN808 | 1-1/4" x 1"     | 32 x 25 | 57 | 45.6 | 192.08      | 196   | 140            |
| FISRN809 | 1-1/2" x 1/2"   | 40 x 15 | 59 | 50.5 | 202.86      | 207   | 130            |
| FISRN810 | 1-1/2" x 3/4"   | 40 x 20 | 59 | 50.5 | 207.76      | 212   | 130            |
| FISRN811 | 1-1/2" x 1"     | 40 x 25 | 59 | 50.5 | 225.4       | 230   | 120            |
| FISRN812 | 1-1/2" x 1-1/4" | 40 x 32 | 59 | 50.5 | 235.2       | 240   | 100            |
| FISRN813 | 2" x 1/2"       | 50 x 15 | 68 | 63.5 | 323.4       | 330   | 75             |
| FISRN814 | 2" x 3/4"       | 50 x 20 | 68 | 63.5 | 334.18      | 341   | 72             |
| FISRN815 | 2" x 1"         | 50 x 25 | 68 | 63.5 | 343         | 350   | 72             |
| FISRN816 | 2" x 1-1/4"     | 50 x 32 | 68 | 63.5 | 352.8       | 360   | 72             |
| FISRN817 | 2" x 1-1/2"     | 50 x 40 | 68 | 63.5 | 366.52      | 374   | 60             |
| FISRN818 | 2-1/2" x 2"     | 65 x 50 | 73 | 79.4 | -           | -     | -              |
| FISRN819 | 3" x 2"         | 80 x 50 | 81 | 91.6 | 749.7       | 765   | 24             |
| FISRN820 | 3" x 2-1/2"     | 80 x 65 | 81 | 91.6 | -           | -     | -              |

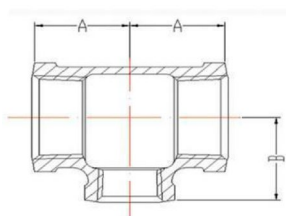
## Tee, Equal Model: FISB1



| Part No | Size   |     | A    | Unit Weight |       | Packing Carton |
|---------|--------|-----|------|-------------|-------|----------------|
|         | BSPT   | DN  | mm   | Black       | Galv. | Pcs/ctn        |
|         |        |     |      | g           | g     |                |
| FISB101 | 1/8"   | 6   | 18   | 44.1        | 45    | 400            |
| FISB102 | 1/4"   | 8   | 20   | 63.7        | 65    | 400            |
| FISB103 | 3/8"   | 10  | 24   | 88.2        | 90    | 300            |
| FISB104 | 1/2"   | 15  | 27   | 137.2       | 140   | 240            |
| FISB105 | 3/4"   | 20  | 32   | 198.94      | 203   | 140            |
| FISB106 | 1"     | 25  | 37   | 308.7       | 315   | 90             |
| FISB107 | 1 1/4" | 32  | 44.5 | 479.22      | 489   | 56             |
| FISB108 | 1 1/2" | 40  | 48.5 | 600.74      | 613   | 40             |
| FISB109 | 2"     | 50  | 57   | 977.06      | 997   | 20             |
| FISB110 | 2 1/2" | 65  | 68.5 | 1520.96     | 1552  | 12             |
| FISB111 | 3"     | 80  | 77.5 | 2045.26     | 2087  | 10             |
| FISB112 | 4"     | 100 | 96.5 | 3589.74     | 3663  | 4              |
| FISB113 | 6"     | 150 | 129  | 8157.52     | 8324  | 2              |

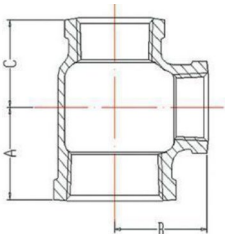


## Tee, Reducing Model: FISRB1-1



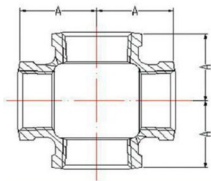
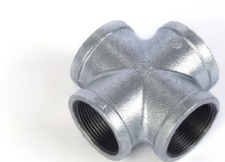
| Part No    | Size            |          | A    | B  | Unit Weight |       | Packing Carton |
|------------|-----------------|----------|------|----|-------------|-------|----------------|
|            | BSPT            | DN       | mm   | mm | Black       | Galv. |                |
|            |                 |          |      |    | g           | g     | Pcs/ctn        |
| FISRB1-101 | 3/4" x 1/2"     | 20 x 15  | 29   | 30 | 180.32      | 184   | 150            |
| FISRB1-102 | 1" x 3/8"       | 25 x 10  | 29   | 31 | 225.4       | 230   | 100            |
| FISRB1-103 | 1" x 1/2"       | 25 x 15  | 31   | 33 | 238.14      | 243   | 100            |
| FISRB1-104 | 1" x 3/4"       | 25 x 20  | 34   | 35 | 261.66      | 267   | 100            |
| FISRB1-105 | 1-1/4" x 3/8"   | 32 x 10  | 31   | 36 | 309.68      | 316   | 64             |
| FISRB1-106 | 1-1/4" x 1/2"   | 32 x 15  | 34   | 37 | 341.04      | 348   | 64             |
| FISRB1-107 | 1-1/4" x 3/4"   | 32 x 20  | 36   | 40 | 371.42      | 379   | 64             |
| FISRB1-108 | 1-1/4" x 1"     | 32 x 25  | 40   | 41 | 407.68      | 416   | 64             |
| FISRB1-109 | 1-1/2" x 1/2"   | 40 x 15  | 35   | 41 | 406.7       | 415   | 52             |
| FISRB1-110 | 1-1/2" x 3/4"   | 40 x 20  | 37   | 43 | 427.28      | 436   | 52             |
| FISRB1-111 | 1-1/2" x 1"     | 40 x 25  | 41   | 45 | 481.18      | 491   | 42             |
| FISRB1-112 | 1-1/2" x 1-1/4" | 40 x 32  | 45   | 47 | 557.62      | 569   | 42             |
| FISRB1-113 | 2" x 1/2"       | 50 x 15  | 37   | 47 | 589.96      | 602   | 40             |
| FISRB1-114 | 2" x 3/4"       | 50 x 20  | 40   | 49 | 642.88      | 656   | 40             |
| FISRB1-115 | 2" x 1"         | 50 x 25  | 43   | 51 | 687.96      | 702   | 30             |
| FISRB1-116 | 2" x 1-1/4"     | 50 x 32  | 47   | 53 | 750.68      | 766   | 30             |
| FISRB1-117 | 2" x 1-1/2"     | 50 x 40  | 51   | 54 | 826.14      | 843   | 24             |
| FISRB1-118 | 2-1/2" x 1/2"   | 65 x 15  | 40.5 | 56 | 887.88      | 906   | 24             |
| FISRB1-119 | 2-1/2" x 3/4"   | 65 x 20  | 43.5 | 57 | 919.24      | 938   | 24             |
| FISRB1-120 | 2-1/2" x 1"     | 65 x 25  | 47.5 | 59 | 1017.24     | 1038  | 20             |
| FISRB1-121 | 2-1/2" x 1-1/4" | 65 x 32  | 51.5 | 61 | 1075.06     | 1097  | 16             |
| FISRB1-122 | 2-1/2" x 1-1/2" | 65 x 40  | 54.5 | 61 | 1145.62     | 1169  | 16             |
| FISRB1-123 | 2-1/2" x 2"     | 65 x 50  | 59.5 | 64 | 1294.58     | 1321  | 16             |
| FISRB1-124 | 3" x 1/2"       | 80 x 15  | 42.5 | 64 | 1114.26     | 1137  | 12             |
| FISRB1-125 | 3" x 3/4"       | 80 x 20  | 45.5 | 65 | 1174.04     | 1198  | 12             |
| FISRB1-126 | 3" x 1"         | 80 x 25  | 49.5 | 67 | 1267.14     | 1293  | 12             |
| FISRB1-127 | 3" x 1-1/4"     | 80 x 32  | 54.5 | 69 | 1342.6      | 1370  | 12             |
| FISRB1-128 | 3" x 1-1/2"     | 80 x 40  | 57.5 | 71 | 1440.6      | 1470  | 12             |
| FISRB1-129 | 3" x 2"         | 80 x 50  | 61.5 | 71 | 1589.56     | 1622  | 10             |
| FISRB1-130 | 3" x 2-1/2"     | 80 x 65  | 71.5 | 74 | 1862        | 1900  | 10             |
| FISRB1-131 | 4" x 1/2"       | 100 x 15 | 49.5 | 78 | 1915.9      | 1955  | 8              |
| FISRB1-132 | 4" x 3/4"       | 100 x 20 | 53.5 | 79 | 2038.4      | 2080  | 8              |
| FISRB1-133 | 4" x 1"         | 100 x 25 | 56.5 | 82 | 2100.14     | 2143  | 8              |
| FISRB1-134 | 4" x 1-1/4"     | 100 x 32 | 60.5 | 85 | 2214.8      | 2260  | 6              |
| FISRB1-135 | 4" x 1-1/2"     | 100 x 40 | 62.5 | 85 | 2303.98     | 2351  | 6              |
| FISRB1-136 | 4" x 2"         | 100 x 50 | 68.5 | 86 | 2558.78     | 2611  | 6              |
| FISRB1-137 | 4" x 2-1/2"     | 100 x 65 | 77.5 | 89 | 2799.86     | 2857  | 6              |
| FISRB1-138 | 4" x 3"         | 100 x 80 | 82.5 | 90 | 3138.94     | 3203  | 6              |

# Tee, Reducing Model: FISRB1-2



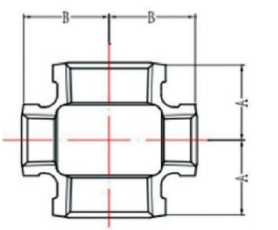
| Part No    | Size                     |              | A    | B    | C    | Unit Weight |       | Packing Carton |
|------------|--------------------------|--------------|------|------|------|-------------|-------|----------------|
|            | BSPT                     | DN           | mm   | mm   | mm   | Black       | Galv. |                |
|            |                          |              |      |      |      | g           | g     | Pcs/ctn        |
| FISRB1-201 | 3/4" x 1/2" x 1/2"       | 20 x 15 x 15 | 29   | 30   | 27   | 159.74      | 163   | 120            |
| FISRB1-202 | 1" x 1/2" x 3/4"         | 25 x 15 x 20 | 31   | 33   | 29   | 191.1       | 195   | 120            |
| FISRB1-203 | 1" x 3/4" x 3/4"         | 25 x 20 x 20 | 34   | 35   | 32   | 157.78      | 161   | 120            |
| FISRB1-204 | 1-1/4" x 1/2" x 1"       | 32 x 15 x 25 | 33   | 37   | 31   | 234.22      | 239   | 80             |
| FISRB1-205 | 1-1/4" x 3/4" x 1"       | 32 x 20 x 25 | 36   | 40   | 34   | 287.14      | 293   | 60             |
| FISRB1-206 | 1-1/4" x 1" x 1"         | 32 x 25 x 25 | 39   | 40   | 36   | 355.74      | 363   | 60             |
| FISRB1-207 | 1-1/4" x 1-1/4" x 1"     | 32 x 32 x 25 | 44.5 | 44.5 | 41   | 406.7       | 415   | 40             |
| FISRB1-208 | 1-1/2" x 1/2" x 1-1/4"   | 40 x 15 x 32 | 35   | 41   | 33   | 539.98      | 551   | 32             |
| FISRB1-209 | 1-1/2" x 3/4" x 1-1/4"   | 40 x 20 x 32 | 37   | 43   | 36   | 514.5       | 525   | 36             |
| FISRB1-210 | 1-1/2" x 1" x 1"         | 40 x 25 x 25 | 40   | 44   | 36   | 641.9       | 655   | 28             |
| FISRB1-211 | 1-1/2" x 1" x 1-1/4"     | 40 x 25 x 32 | 41   | 45   | 40   | 711.48      | 726   | 20             |
| FISRB1-212 | 1-1/2" x 1-1/4" x 1"     | 40 x 32 x 25 | 45   | 47   | 41   | 897.06      | 897   | 16             |
| FISRB1-213 | 1-1/2" x 1-1/4" x 1-1/4" | 40 x 32 x 32 | 45   | 47   | 44.5 | 1056.44     | 1078  | 12             |
| FISRB1-214 | 1-1/2" x 1-1/2" x 1"     | 40 x 40 x 25 | 48.5 | 48.5 | 45   | 1025.08     | 1045  | 16             |
| FISRB1-215 | 1-1/2" x 2" x 1-1/4"     | 40 x 50 x 32 | 54   | 51   | 53   | 1336.72     | 1364  | 10             |
| FISRB1-216 | 2" x 1/2" x 1-1/2"       | 50 x 15 x 40 | 37   | 47   | 35   | 1622.88     | 1656  | 10             |
| FISRB1-217 | 2" x 3/4" x 1-1/2"       | 50 x 20 x 40 | 40   | 49   | 37   | 2530.36     | 2582  | 6              |
| FISRB1-218 | 2" x 1" x 1-1/4"         | 50 x 25 x 32 | 43   | 51   | 40   | 299.88      | 306   | 64             |
| FISRB1-219 | 2" x 1" x 1-1/2"         | 50 x 25 x 40 | 42   | 49   | 40   | 344.96      | 352   | 68             |
| FISRB1-220 | 2" x 1-1/4" x 1-1/4"     | 50 x 32 x 32 | 47   | 53   | 44.5 | 392         | 400   | 60             |
| FISRB1-221 | 2" x 1-1/4" x 1-1/2"     | 50 x 32 x 40 | 47   | 53   | 45   | 491.96      | 502   | 40             |
| FISRB1-222 | 2" x 1-1/2" x 1"         | 50 x 40 x 25 | 51   | 54   | 45   | 377.3       | 385   | 42             |
| FISRB1-223 | 2" x 1-1/2" x 1-1/2"     | 50 x 40 x 40 | 51   | 54   | 48.5 | 406.7       | 415   | 40             |

# Cross Female Model: FISC1

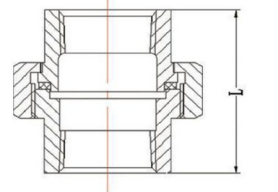


| Part No | Size   |     | A    | Unit Weight |       | Packing Carton |
|---------|--------|-----|------|-------------|-------|----------------|
|         | BSPT   | DN  | mm   | Black       | Galv. |                |
|         |        |     |      | g           | g     | Pcs/ctn        |
| FISC101 | 1/2"   | 15  | 27   | 167         | 170   | 180            |
| FISC102 | 3/4"   | 20  | 32   | 246         | 251   | 96             |
| FISC103 | 1"     | 25  | 37   | 380         | 388   | 72             |
| FISC104 | 1 1/4" | 32  | 44.5 | 576         | 588   | 36             |
| FISC105 | 1 1/2" | 40  | 48.5 | 712         | 727   | 30             |
| FISC106 | 2"     | 50  | 57   | 1147        | 1170  | 12             |
| FISC107 | 2 1/2" | 65  | 68.5 | 1740        | 1776  | 10             |
| FISC108 | 3"     | 80  | 77.5 | 2478        | 2529  | 6              |
| FISC109 | 4"     | 100 | 96.5 | 4211        | 4297  | 2              |

# Cross, Female, Reducing Model: FISRC1



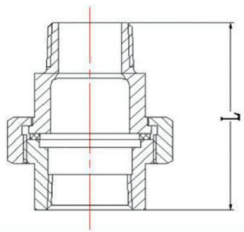
# Union, Flat Seat Model: FISU1



| Part No  | Size          |         | A  | B  | Unit Weight |       | Packing Carton |
|----------|---------------|---------|----|----|-------------|-------|----------------|
|          | BSPT          | DN      | mm | mm | Black       | Galv. |                |
|          |               |         |    |    | g           | g     | Pcs/ctn        |
| FISRC101 | 3/4" x 1/2"   | 20 x 15 | 29 | 30 | 199         | 203   | 120            |
| FISRC102 | 1" x 1/2"     | 25 x 15 | 31 | 33 | 261         | 266   | 96             |
| FISRC103 | 1" x 3/4"     | 25 x 20 | 34 | 35 | 310         | 316   | 80             |
| FISRC104 | 1-1/4" x 1/2" | 32 x 15 | 34 | 37 | 365         | 372   | 64             |
| FISRC105 | 1-1/4" x 3/4" | 32 x 20 | 36 | 40 | 407         | 415   | 60             |
| FISRC106 | 1-1/4" x 1"   | 32 x 25 | 40 | 41 | 460         | 469   | 56             |
| FISRC107 | 1-1/2" x 1/2" | 40 x 15 | 35 | 41 | 414         | 422   | 52             |
| FISRC108 | 1-1/2" x 3/4" | 40 x 20 | 37 | 43 | 473         | 483   | 52             |
| FISRC109 | 1-1/2" x 1"   | 40 x 25 | 41 | 45 | 522         | 533   | 42             |

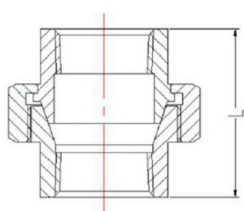
| Part No | Size   |     | L     | Unit Weight |       | Packing Carton |
|---------|--------|-----|-------|-------------|-------|----------------|
|         | BSPT   | DN  | mm    | Black       | Galv. |                |
|         |        |     |       | g           | g     | Pcs/ctn        |
| FISU101 | 3/8"   | 10  | 39    | 156.8       | 160   | 280            |
| FISU102 | 1/2"   | 15  | 46    | 200.9       | 205   | 180            |
| FISU103 | 3/4"   | 20  | 50    | 265.58      | 271   | 120            |
| FISU104 | 1"     | 25  | 56    | 392         | 400   | 88             |
| FISU105 | 1-1/4" | 32  | 63    | 583.1       | 595   | 56             |
| FISU106 | 1-1/2" | 40  | 68    | 733.04      | 748   | 36             |
| FISU107 | 2"     | 50  | 76    | 1056.44     | 1078  | 28             |
| FISU108 | 2-1/2" | 65  | 83    | 1675.8      | 1710  | 12             |
| FISU109 | 3"     | 80  | 93    | 2175.6      | 2220  | 10             |
| FISU110 | 4"     | 100 | 113.5 | 3724        | 3800  | 6              |

# Union, Flat Seat, M&F Model: FISU2



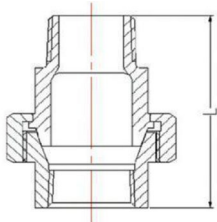
| Part No | Size   |    | L   | Unit Weight |       | Packing Carton |
|---------|--------|----|-----|-------------|-------|----------------|
|         | BSPT   | DN | mm  | Black       | Galv. |                |
|         |        |    |     | g           | g     | Pcs/ctn        |
| FISU201 | 1/2"   | 15 | 64  | 219.52      | 224   | 140            |
| FISU202 | 3/4"   | 20 | 70  | 275.38      | 281   | 120            |
| FISU203 | 1"     | 25 | 78  | 423.36      | 432   | 80             |
| FISU204 | 1-1/4" | 32 | 88  | 661.5       | 675   | 40             |
| FISU205 | 1-1/2" | 40 | 93  | 784         | 800   | 32             |
| FISU206 | 2"     | 50 | 104 | 1200.5      | 1225  | 20             |

# Union, Taper Seat Model: FISU3

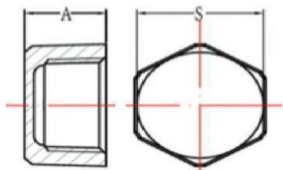


| Part No | Size   |     | L     | Unit Weight |       | Packing Carton |
|---------|--------|-----|-------|-------------|-------|----------------|
|         | BSPT   | DN  | mm    | Black       | Galv. |                |
|         |        |     |       | g           | g     | Pcs/ctn        |
| FISU301 | 1 / 4" | 8   | 42    | 103.88      | 106   | 200            |
| FISU302 | 3/8"   | 10  | 45    | 152.88      | 156   | 200            |
| FISU303 | 1 / 2" | 15  | 47    | 164.64      | 168   | 180            |
| FISU304 | 3/4"   | 20  | 51.5  | 251.86      | 257   | 120            |
| FISU305 | 1 "    | 25  | 57    | 330.26      | 337   | 88             |
| FISU306 | 1-1/4" | 32  | 65    | 560.56      | 572   | 56             |
| FISU307 | 1-1/2" | 40  | 71    | 703.64      | 718   | 36             |
| FISU308 | 2"     | 50  | 79    | 1023.12     | 1044  | 28             |
| FISU309 | 2-1/2" | 65  | 85.5  | 1615.04     | 1648  | 12             |
| FISU310 | 3"     | 80  | 94.5  | 2242.24     | 2288  | 10             |
| FISU311 | 4"     | 100 | 110.5 | 3615.22     | 3689  | 6              |

# Union, Taper Seat, M&F Model: FISU4



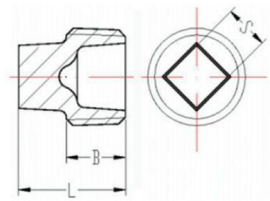
# Cap Model: FIST1



| Part No | Size   |    | L    | Unit Weight |       | Packing Carton |
|---------|--------|----|------|-------------|-------|----------------|
|         | BSPT   | DN | mm   | Black       | Galv. |                |
|         |        |    |      | g           | g     | Pcs/ctn        |
| FISU201 | 1/2"   | 15 | 65   | 196         | 200   | 140            |
| FISU202 | 3/4"   | 20 | 71.5 | 289.1       | 295   | 120            |
| FISU203 | 1"     | 25 | 79   | 392         | 400   | 80             |
| FISU204 | 1-1/4" | 32 | 90   | 635.04      | 648   | 40             |
| FISU205 | 1-1/2" | 40 | 96   | 801.64      | 818   | 32             |
| FISU206 | 2"     | 50 | 107  | 1149.54     | 1173  | 20             |

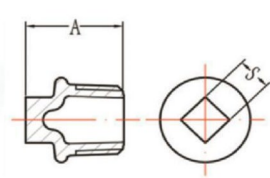
| Part No | Size   |    | A  | S    | Unit Weight |       | Packing Carton |
|---------|--------|----|----|------|-------------|-------|----------------|
|         | BSPT   | DN | mm | mm   | Black       | Galv. |                |
|         |        |    |    |      | g           | g     | Pcs/ctn        |
| FIST101 | 3/8"   | 10 | 17 | 20.6 | 29.4        | 30    | 1200           |
| FIST102 | 1/2"   | 15 | 19 | 24.6 | 44.1        | 45    | 700            |
| FIST103 | 3/4"   | 20 | 22 | 30.4 | 68.6        | 70    | 500            |
| FIST104 | 1"     | 25 | 24 | 37.2 | 106.82      | 109   | 360            |
| FIST105 | 1-1/4" | 32 | 27 | 47   | 180.32      | 184   | 220            |
| FIST106 | 1-1/2" | 40 | 28 | 53   | 223.44      | 228   | 160            |
| FIST107 | 2"     | 50 | 32 | 65   | 349.86      | 357   | 100            |

# Plain Plug Model: FIST8



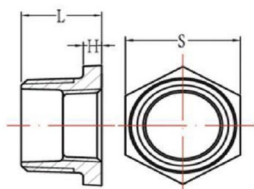
| Part No | Size   |     | L    | B    | S  | Unit Weight |       | Packing Carton |
|---------|--------|-----|------|------|----|-------------|-------|----------------|
|         | BSPT   | DN  | mm   | mm   | mm | Black       | Galv. |                |
|         |        |     |      |      |    | g           | g     | Pcs/ctn        |
| FIST801 | 1/4"   | 8   | 15.5 | 10   | 6  | 8.82        | 9     | 2400           |
| FIST802 | 3/8"   | 10  | 17   | 10   | 7  | 15.68       | 16    | 2200           |
| FIST803 | 1/2"   | 15  | 22.5 | 13   | 10 | 24.5        | 25    | 1400           |
| FIST804 | 3/4"   | 20  | 24   | 14   | 12 | 36.26       | 37    | 800            |
| FIST805 | 1"     | 25  | 27   | 16.5 | 15 | 57.82       | 59    | 500            |
| FIST806 | 1-1/4" | 32  | 30   | 20   | 18 | 103.88      | 106   | 300            |
| FIST807 | 1-1/2" | 40  | 31   | 21   | 22 | 140.14      | 143   | 200            |
| FIST808 | 2"     | 50  | 36   | 25   | 26 | 230.3       | 235   | 120            |
| FIST809 | 2-1/2" | 65  | 40.5 | 27   | 30 | 348.88      | 356   | 72             |
| FIST810 | 3"     | 80  | 45.5 | 29.5 | 34 | 512.54      | 523   | 64             |
| FIST811 | 4"     | 100 | 58.5 | 38   | 44 | 978.04      | 998   | 36             |

# Beaded Plug Model: FIST9



| Part No | Size   |     | A    | S  | Unit Weight |       | Packing Carton |
|---------|--------|-----|------|----|-------------|-------|----------------|
|         | BSPT   | DN  | mm   | mm | Black       | Galv. |                |
|         |        |     |      |    | g           | g     | Pcs/ctn        |
| FIST901 | 1/4"   | 8   | 22.5 | 6  | 17.64       | 18    | 2000           |
| FIST902 | 3/8"   | 10  | 25   | 7  | 29.4        | 30    | 1300           |
| FIST903 | 1/2"   | 15  | 28   | 10 | 35.28       | 36    | 900            |
| FIST904 | 3/4"   | 20  | 32   | 12 | 55.86       | 57    | 600            |
| FIST905 | 1"     | 25  | 36   | 16 | 93.1        | 95    | 300            |
| FIST906 | 1-1/4" | 32  | 38.5 | 20 | 148.96      | 152   | 220            |
| FIST907 | 1-1/4" | 40  | 41   | 22 | 177.38      | 181   | 150            |
| FIST908 | 2"     | 50  | 47   | 28 | 293.02      | 299   | 80             |
| FIST909 | 2-1/2" | 65  | 53   | 30 | 512.54      | 523   | 64             |
| FIST910 | 3"     | 80  | 58   | 34 | 748.72      | 764   | 36             |
| FIST911 | 4"     | 100 | 72   | 44 | 1097.6      | 1120  | 28             |

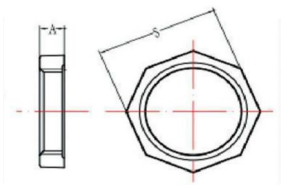
## Bushing Model: FISN4



| Part No | Size            |          | L    | S     | H   | Unit Weight |       | Packing Carton |
|---------|-----------------|----------|------|-------|-----|-------------|-------|----------------|
|         | BSPT            | DN       | mm   | mm    | mm  | Black       | Galv. |                |
|         |                 |          |      |       |     | g           | g     | Pcs/ctn        |
| FISN401 | 1/4" x 1/8"     | 8 x 6    | 18.5 | 16.8  | 6   | 14.7        | 15    | 1800           |
| FISN402 | 3/8" x 1/8"     | 10 x 6   | 18   | 20    | 6   | 22.54       | 23    | 1500           |
| FISN403 | 3/8" x 1/4"     | 10 x 8   | 18.5 | 18.4  | 6   | 18.62       | 19    | 1800           |
| FISN404 | 3/4" x 3/8"     | 15 x 8   | 22.5 | 22    | 6   | 61.74       | 63    | 500            |
| FISN405 | 3/4" x 1/4"     | 15 x 10  | 22.5 | 22    | 6   | 66.64       | 68    | 600            |
| FISN406 | 1/2" x 3/8"     | 20 x 8   | 24.5 | 29.6  | 6   | 32.34       | 33    | 960            |
| FISN407 | 1/2" x 1/4"     | 20 x 10  | 24.5 | 29.6  | 6   | 38.22       | 39    | 900            |
| FISN408 | 3/4" x 1/2"     | 20 x 15  | 24.5 | 29.6  | 6   | 50.96       | 52    | 600            |
| FISN409 | 1" x 1/4"       | 25 x 8   | 28   | 37.4  | 6.5 | 105.84      | 108   | 300            |
| FISN410 | 1" x 3/8"       | 25 x 10  | 28   | 37.4  | 6.5 | 111.72      | 114   | 300            |
| FISN411 | 1" x 1/2"       | 25 x 15  | 28   | 37.4  | 6.5 | 97.02       | 99    | 300            |
| FISN412 | 1" x 3/4"       | 25 x 20  | 28   | 37.4  | 6.5 | 81.34       | 83    | 300            |
| FISN413 | 1-1/4" x 1/2"   | 32 x 15  | 30   | 45.6  | 7   | 167.58      | 171   | 200            |
| FISN414 | 1-1/4" x 3/4"   | 32 x 20  | 30   | 45.6  | 7   | 151.9       | 155   | 200            |
| FISN415 | 1-1/4" x 1"     | 32 x 25  | 30   | 45.6  | 7   | 126.42      | 129   | 200            |
| FISN416 | 1-1/2" x 1/2"   | 40 x 15  | 30   | 50    | 7.5 | 197.96      | 202   | 160            |
| FISN417 | 1-1/2" x 3/4"   | 40 x 20  | 30   | 50    | 7.5 | 207.76      | 212   | 160            |
| FISN418 | 1-1/2" x 1"     | 40 x 25  | 30   | 50    | 7.5 | 182.28      | 186   | 160            |
| FISN419 | 1-1/2" x 1-1/4" | 40 x 32  | 30   | 50    | 7.5 | 123.48      | 126   | 160            |
| FISN420 | 2" x 1/2"       | 50 x 15  | 33   | 64.1  | 8.5 | 289.1       | 295   | 96             |
| FISN421 | 2" x 3/4"       | 50 x 20  | 33   | 64.1  | 8.5 | 298.9       | 305   | 96             |
| FISN422 | 2" x 1"         | 50 x 25  | 33   | 64.1  | 8.5 | 342.02      | 349   | 96             |
| FISN423 | 2" x 1-1/4"     | 50 x 32  | 33   | 64.1  | 8.5 | 302.82      | 309   | 96             |
| FISN424 | 2" x 1-1/2"     | 50 x 40  | 33   | 64.1  | 8.5 | 255.78      | 261   | 96             |
| FISN425 | 2-1/2" x 1/2"   | 65 x 15  | 39   | 79.6  | 9   | 441         | 450   | 68             |
| FISN426 | 2-1/2" x 3/4"   | 65 x 20  | 39   | 79.6  | 9   | 456.68      | 466   | 68             |
| FISN427 | 2-1/2" x 1"     | 65 x 25  | 39   | 79.6  | 9   | 448.84      | 458   | 68             |
| FISN428 | 2-1/2" x 1-1/4" | 65 x 32  | 39   | 79.6  | 9   | 512.54      | 523   | 68             |
| FISN429 | 2-1/2" x 1-1/2" | 65 x 40  | 39   | 79.6  | 9   | 519.4       | 530   | 68             |
| FISN430 | 2-1/2" x 2"     | 65 x 50  | 39   | 79.6  | 9   | 446.88      | 456   | 68             |
| FISN431 | 3" x 1/2"       | 80 x 15  | 42   | 93    | 10  | 633.08      | 646   | 36             |
| FISN432 | 3" x 3/4"       | 80 x 20  | 42   | 93    | 10  | 632.1       | 645   | 36             |
| FISN433 | 3" x 1"         | 80 x 25  | 42   | 93    | 10  | 650.72      | 664   | 36             |
| FISN434 | 3" x 1-1/4"     | 80 x 32  | 42   | 93    | 10  | 637.98      | 651   | 36             |
| FISN435 | 3" x 1-1/2"     | 80 x 40  | 42   | 93    | 10  | 694.82      | 709   | 36             |
| FISN436 | 3" x 2"         | 80 x 50  | 42   | 93    | 10  | 773.22      | 789   | 36             |
| FISN437 | 3" x 2-1/2"     | 80 x 65  | 42   | 93    | 10  | 556.64      | 568   | 36             |
| FISN438 | 4" x 1/2"       | 100 x 15 | 49   | 118.4 | 11  | 1070.16     | 1092  | 18             |
| FISN439 | 4" x 3/4"       | 100 x 20 | 49   | 118.4 | 11  | 1085.84     | 1108  | 18             |
| FISN440 | 4" x 1"         | 100 x 25 | 49   | 118.4 | 11  | 1078.98     | 1101  | 18             |
| FISN441 | 4" x 1-1/4"     | 100 x 32 | 49   | 118.4 | 11  | 1126.02     | 1149  | 18             |
| FISN442 | 4" x 1-1/2"     | 700 x 40 | 49   | 118.4 | 11  | 1097.6      | 1120  | 18             |
| FISN443 | 4" x 2"         | 100 x 50 | 49   | 118.4 | 11  | 1121.12     | 1144  | 18             |
| FISN444 | 4" x 2-1/2"     | 100 x 65 | 49   | 118.4 | 11  | 1350.44     | 1378  | 18             |
| FISN445 | 4" x 3"         | 100 x 80 | 49   | 118.4 | 11  | 1203.44     | 1228  | 18             |

# Backnut

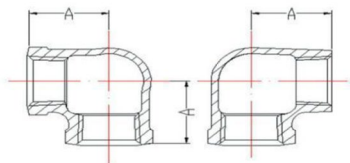
## Model: FISP4



| Part No | Size   |    | A  | S   | Unit Weight |       | Packing Carton |
|---------|--------|----|----|-----|-------------|-------|----------------|
|         | BSPT   | DN | mm | mm  | Black       | Galv. |                |
|         |        |    |    |     | g           | g     | Pcs/ctn        |
| FISP401 | 1/2"   | 15 | 9  | 29  | 28.42       | 29    | 700            |
| FISP402 | 3/4"   | 20 | 10 | 36  | 44.1        | 45    | 500            |
| FISP403 | 1"     | 25 | 11 | 45  | 75.46       | 77    | 400            |
| FISP404 | 1-1/4" | 32 | 11 | 56  | 99.96       | 102   | 300            |
| FISP405 | 1-1/2" | 40 | 12 | 63  | 135.24      | 138   | 240            |
| FISP406 | 2"     | 50 | 13 | 77  | 205.8       | 210   | 160            |
| FISP407 | 2-1/2" | 65 | 15 | 93  | 298.9       | 305   | 60             |
| FISP408 | 3"     | 80 | 18 | 109 | 495.88      | 506   | 50             |

# Side Outlet Elbow

## Model: FISZA1



| Part No  | Size |    | A  | Unit Weight |       | Packing Carton |
|----------|------|----|----|-------------|-------|----------------|
|          | BSPT | DN | mm | Black       | Galv. |                |
|          |      |    |    | g           | g     | Pcs/ctn        |
| FISZA101 | 1/2" | 15 | 27 | 125.4       | 128   | 240            |
| FISZA102 | 3/4" | 20 | 32 | 196         | 200   | 140            |
| FISZA103 | 1"   | 25 | 37 | -           | -     | -              |





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