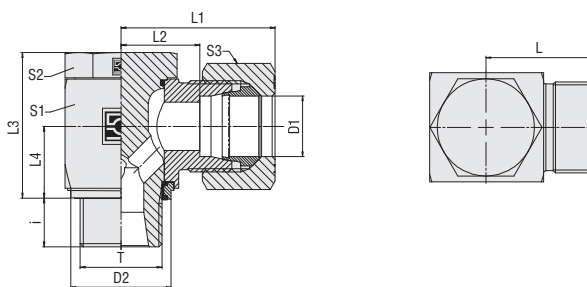


## Banjo Elbow (High-Pressure Version)

### Type FI-RSW-...-R-WD ■ Series L / S



#### Whitworth Parallel Pipe Thread (BSPP)

#### Retaining Ring with Captive Seal

### Ordering Codes

#### \*FI-RSW\*-10\*L\*R\*-WD\*-B\*-W3\*-MS

\* Banjo Elbow (High-Pressure Version) **FI-RSW**

\* Outside Tube Diameter D1 (in mm) **-10**

\* Series Light Series **L**  
Heavy Series **S**

\* Thread Type Whitworth Parallel Pipe Thread (BSPP) **R**

If required, please indicate special sizes, e.g. R1/8!

\* Seal Type Retaining Ring with Captive Seal **-WD**

\* Seal Material NBR (Buna-N®) **-B**  
FKM/FPM (Viton®) **-V**  
EPDM **-E**

\* Material Code Steel, zinc/nickel-plated **-W3**

Please contact STAUFF for alternative materials and surface finishings.

\* Assembling / Kitting Fitting body only **—**

Fitting body supplied with cutting ring and union nut **-MS**

Fitting body supplied with soft-sealing cutting ring and union nut **-MSV**

| Series | Tube OD<br>(mm/in) | PB<br>(bar/psi) | Dimensions<br>(mm/in)                             | Weight<br>(kg/lbs) ca.<br>per 100 <sup>2</sup> | Ordering Codes <sup>3</sup> |
|--------|--------------------|-----------------|---------------------------------------------------|------------------------------------------------|-----------------------------|
|        | D1                 |                 | Thread T D2 L L1 <sup>1</sup> L2 L3 L4 i S1 S2 S3 |                                                |                             |
| L      | 6                  | 500             | G 1/8 14,9 20 28 13 21 10,5 8 14 14 14            | 3,65                                           | FI-RSW-06LR-WD-B-W3         |
|        | .24                | 7250            | .59 .79 1.10 .51 .83 .41 .31 .55 .55 .55          | 8,04                                           |                             |
|        | 8                  | 500             | G 1/4 18,9 21 29 14 27 13,5 10 19 19 17           | 7,92                                           | FI-RSW-08LR-WD-B-W3         |
|        | .31                | 7250            | .74 .83 1.14 .55 1.06 .53 .39 .75 .75 .67         | 17,43                                          |                             |
|        | 10                 | 500             | G 1/4 18,9 22 30 15 27 13,5 10 19 19 19           | 8,16                                           | FI-RSW-10LR-WD-B-W3         |
|        | .39                | 7250            | .74 .87 1.18 .59 1.06 .53 .39 .75 .75 .75         | 17,95                                          |                             |
|        | 12                 | 400             | G 3/8 21,9 24,5 32,5 17,5 32,5 16 12 24 22 22     | 13,94                                          | FI-RSW-12LR-WD-B-W3         |
|        | .47                | 5800            | .86 .96 1.28 .69 1.28 .63 .47 .94 .87 .87         | 30,67                                          |                             |
|        | 15                 | 400             | G 1/2 26,9 27 35 21 43 19,5 14 30 27 27           | 26,03                                          | FI-RSW-15LR-WD-B-W3         |
|        | .59                | 5800            | 1.06 1.06 1.38 .83 1.69 .77 .55 1.18 1.06 1.06    | 57,26                                          |                             |
|        | 18                 | 400             | G 1/2 26,9 28 37 20,5 43 21,5 12 30 27 32         | 26,75                                          | FI-RSW-18LR-WD-B-W3         |
|        | .71                | 5800            | 1.06 1.10 1.46 .81 1.69 .85 .47 1.18 1.06 1.26    | 58,86                                          |                             |
|        | 22                 | 250             | G 3/4 32,9 34,5 43,5 27 48 24 16 36 32 36         | 42,37                                          | FI-RSW-22LR-WD-B-W3         |
|        | .87                | 3625            | 1.30 1.36 1.71 1.06 1.89 .94 .63 1.42 1.26 1.42   | 93,21                                          |                             |
|        | 28                 | 250             | G 1 39,9 39 48 31,5 59 30,5 18 46 41 41           | 84,00                                          | FI-RSW-28LR-WD-B-W3         |
|        | 1.10               | 3625            | 1.57 1.54 1.89 1.24 2.32 1.20 .71 1.81 1.61 1.61  | 184,80                                         |                             |
|        | 35                 | 250             | G 1 1/4 49,9 46 57 35,5 70 35,5 20 55 50 50       | 140,00                                         | FI-RSW-35LR-WD-B-W3         |
|        | 1.38               | 3625            | 1.96 1.81 2.24 1.40 2.76 1.40 .79 2.17 1.97 1.97  | 308,00                                         |                             |
|        | 42                 | 250             | G 1 1/2 55,9 51 63 40 80 40,5 22 65 55 60         | 214,30                                         | FI-RSW-42LR-WD-B-W3         |
|        | 1.65               | 3625            | 2.20 2.01 2.48 1.57 3.15 1.59 .87 2.56 2.17 2.36  | 471,46                                         |                             |
| S      | 6                  | 500             | G 1/4 18,9 23 31 16 27 13,5 10 19 19 17           | 8,36                                           | FI-RSW-06SR-WD-B-W3         |
|        | .24                | 7250            | .74 .91 1.22 .63 1.06 .53 .39 .75 .75 .67         | 18,40                                          |                             |
|        | 8                  | 500             | G 1/4 18,9 23 31 16 27 13,5 10 19 19 19           | 8,63                                           | FI-RSW-08SR-WD-B-W3         |
|        | .31                | 7250            | .74 .91 1.22 .63 1.06 .53 .39 .75 .75 .75         | 18,99                                          |                             |
|        | 10                 | 500             | G 3/8 21,9 25,5 34,5 18 32,5 16 10 24 22 22       | 14,36                                          | FI-RSW-10SR-WD-B-W3         |
|        | .39                | 7250            | .86 1.00 1.36 .71 1.28 .63 .39 .94 .87 .87        | 31,60                                          |                             |
|        | 12                 | 400             | G 3/8 21,9 27 36 18 32,5 16 10 24 22 24           | 14,86                                          | FI-RSW-12SR-WD-B-W3         |
|        | .47                | 5800            | .86 1.06 1.42 .71 1.28 .63 .39 .94 .87 .94        | 32,70                                          |                             |
|        | 14                 | 400             | G 1/2 26,9 30 40 22 41 19,5 14 30 27 27           | 26,74                                          | FI-RSW-14SR-WD-B-W3         |
|        | .55                | 5800            | 1.06 1.18 1.57 .87 1.61 .77 .55 1.18 1.06 1.06    | 58,83                                          |                             |
|        | 16                 | 400             | G 1/2 26,9 30 40 21,5 43 21,5 12 30 27 30         | 27,23                                          | FI-RSW-16SR-WD-B-W3         |
|        | .63                | 5800            | 1.06 1.18 1.57 .85 1.69 .85 .47 1.18 1.06 1.18    | 59,91                                          |                             |
|        | 20                 | 315             | G 3/4 32,9 36,5 47,5 26 48 24 16 36 32 36         | 44,33                                          | FI-RSW-20SR-WD-B-W3         |
|        | .79                | 4568            | 1.30 1.44 1.87 1.02 1.89 .94 .63 1.42 1.26 1.42   | 97,53                                          |                             |
|        | 25                 | 250             | G 1 39,9 43 55 31 59 30,5 18 46 41 46             | 86,90                                          | FI-RSW-25SR-WD-B-W3         |
|        | .98                | 3625            | 1.57 1.69 2.17 1.22 2.32 1.20 .71 1.81 1.61 1.81  | 191,18                                         |                             |
|        | 30                 | 250             | G 1 1/4 49,9 50 63 36,5 70 35,5 20 55 50 50       | 144,70                                         | FI-RSW-30SR-WD-B-W3         |
|        | 1.18               | 3625            | 1.96 1.97 2.48 1.44 2.76 1.40 .79 2.17 1.97 1.97  | 318,34                                         |                             |
|        | 38                 | 250             | G 1 1/2 55,9 57 72 41 80 40,5 22 65 55 60         | 223,60                                         | FI-RSW-38SR-WD-B-W3         |
|        | 1.50               | 3625            | 2.20 2.24 2.83 1.61 3.15 1.59 .87 2.56 2.17 2.36  | 491,92                                         |                             |

<sup>1</sup> Approximate dimension in assembled condition.

Port acc. to DIN 3852-2 (Form X) / ISO 1179-1

<sup>2</sup> Weight excluding cutting ring and union nut.

<sup>3</sup> Standard scope of delivery: Fitting body only.

Standard seal material is NBR (Buna-N®).

### Connecting Parts

|  |                                                  |         |
|--|--------------------------------------------------|---------|
|  | Cutting Ring<br>Type <b>FI-DS</b>                | Page 26 |
|  | Soft-Sealing Cutting Ring<br>Type <b>FI-WDDS</b> | Page 27 |
|  | Support Sleeve<br>Type <b>FI-VH</b>              | Page 28 |
|  | STAUFF Form Ring<br>Type <b>FI-AR</b>            | Page 30 |
|  | Union Nut<br>Type <b>FI-M</b>                    | Page 31 |
|  | 37° Flared Tube Fitting Set<br>Type <b>FI-AB</b> | Page 35 |

### Spare Parts / Accessories

|  |                                                        |          |
|--|--------------------------------------------------------|----------|
|  | Retaining Ring with Captive Seal<br>Type <b>FI-DIR</b> | Page 213 |
|  | O-Ring<br>Type <b>O-RING</b>                           | Page 207 |

