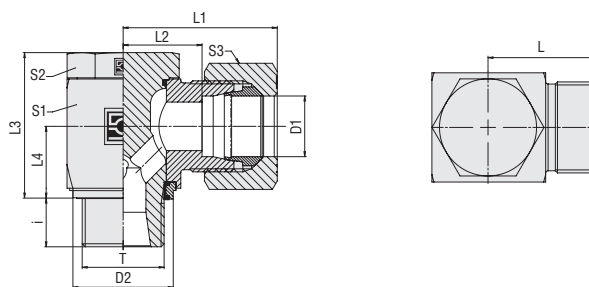


## Banjo Elbow (High-Pressure Version)

### 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 (Viton®) **-V**

\* 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<br>D1 | PB<br>bar | Dimensions<br>mm<br>Thread T D2 i L L1 <sup>1</sup> L2 L3 L4 S1 S2 S3 | Weight<br>kg ca.<br>per 100 | Ordering Codes <sup>3</sup> |
|--------|---------------------|-----------|-----------------------------------------------------------------------|-----------------------------|-----------------------------|
| L      | 6                   | 500       | G 1/8 14,9 8 20 28 13 21 10,5 14 14 14                                | 3,65                        | FI-RSW-06LR-WD-B-W3         |
|        | 6                   | 500       | G 1/4 18,8 10 22 28 15 27,7 13,5 19 19 14                             | 7,88                        | FI-RSW-06LR1/4-WD-B-W3      |
|        | 8                   | 500       | G 1/4 18,8 10 21 29 14 27 13,5 19 19 17                               | 7,92                        | FI-RSW-08LR-WD-B-W3         |
|        | 10                  | 500       | G 1/4 18,8 10 22 30 15 27 13,5 19 19 19                               | 8,16                        | FI-RSW-10LR-WD-B-W3         |
|        | 12                  | 400       | G 1/4 18,8 10 22 31 15 30,7 15,5 22 19 22                             | 10,06                       | FI-RSW-12LR1/4-WD-B-W3      |
|        | 12                  | 400       | G 3/8 22,8 12 24,5 32,5 17,5 32,5 16 24 22 22                         | 13,94                       | FI-RSW-12LR-WD-B-W3         |
|        | 15                  | 400       | G 1/2 27,9 14 27 35 21 43 19,5 30 27 27                               | 26,03                       | FI-RSW-15LR-WD-B-W3         |
|        | 18                  | 400       | G 1/2 27,9 12 28 37 20,5 43 21,5 30 27 32                             | 26,75                       | FI-RSW-18LR-WD-B-W3         |
|        | 22                  | 250       | G 3/4 32,9 16 34,5 43,5 27 48 24 36 32 36                             | 42,37                       | FI-RSW-22LR-WD-B-W3         |
|        | 28                  | 250       | G 1 40,9 18 39 48 31,5 59 30,5 46 41 41                               | 84,00                       | FI-RSW-28LR-WD-B-W3         |
|        | 35                  | 250       | G 1 1/4 50,9 20 46 57 35,5 70 35,5 55 50 50                           | 140,00                      | FI-RSW-35LR-WD-B-W3         |
|        | 42                  | 250       | G 1 1/2 55,9 22 51 63 40 80 40,5 65 55 60                             | 214,30                      | FI-RSW-42LR-WD-B-W3         |
| S      | 6                   | 500       | G 1/4 18,8 10 23 31 16 27 13,5 19 19 17                               | 8,36                        | FI-RSW-06SR-WD-B-W3         |
|        | 8                   | 500       | G 1/4 18,8 10 23 31 16 27 13,5 19 19 19                               | 8,63                        | FI-RSW-08SR-WD-B-W3         |
|        | 10                  | 500       | G 3/8 22,8 10 25,5 34,5 18 32,5 16 24 22 22                           | 14,36                       | FI-RSW-10SR-WD-B-W3         |
|        | 12                  | 400       | G 3/8 22,8 10 25,5 36 18 32,5 16 24 22 24                             | 14,86                       | FI-RSW-12SR-WD-B-W3         |
|        | 14                  | 400       | G 1/2 27,9 14 30 40 22 41 19,5 30 27 27                               | 26,74                       | FI-RSW-14SR-WD-B-W3         |
|        | 16                  | 400       | G 1/2 27,9 12 30 40 21,5 43 21,5 30 27 30                             | 27,23                       | FI-RSW-16SR-WD-B-W3         |
|        | 20                  | 315       | G 3/4 32,9 16 36,5 47,5 26 48 24 36 32 36                             | 44,33                       | FI-RSW-20SR-WD-B-W3         |
|        | 25                  | 250       | G 1 40,9 18 43 55 31 59 30,5 46 41 46                                 | 86,90                       | FI-RSW-25SR-WD-B-W3         |
|        | 30                  | 250       | G 1 1/4 50,9 20 50 63 36,5 70 35,5 55 50 50                           | 144,70                      | FI-RSW-30SR-WD-B-W3         |
|        | 38                  | 250       | G 1 1/2 55,9 22 57 72 41 80 40,5 65 55 60                             | 223,60                      | FI-RSW-38SR-WD-B-W3         |

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

<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®).

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

Male threaded studs were designed for female threaded ports in components made of steel. For applications with components made of softer mating materials (e.g. Aluminium), the use of connectors with additionally rolled male threads is recommended.

Please contact STAUFF prior to the assembly for further information.

### Connecting Parts

|  |                                                   |         |
|--|---------------------------------------------------|---------|
|  | Cutting Ring<br>Type <b>FI-DS</b>                 | Page 28 |
|  | Soft-Sealing Cutting Ring<br>Type <b>FI-WDDS</b>  | Page 29 |
|  | Support Sleeve<br>Type <b>FI-VH</b>               | Page 31 |
|  | STAUFF Form EVO Sealing Ring<br>Type <b>FI-FD</b> | Page 32 |
|  | Union Nut<br>Type <b>FI-M</b>                     | Page 33 |
|  | 37° Flared Tube Fitting Set<br>Type <b>FI-AB</b>  | Page 37 |

### Spare Parts / Accessories

|  |                                                        |          |
|--|--------------------------------------------------------|----------|
|  | Retaining Ring with Captive Seal<br>Type <b>FI-DIR</b> | Page 245 |
|  | O-Ring<br>Type <b>O-RING</b>                           | Page 239 |

