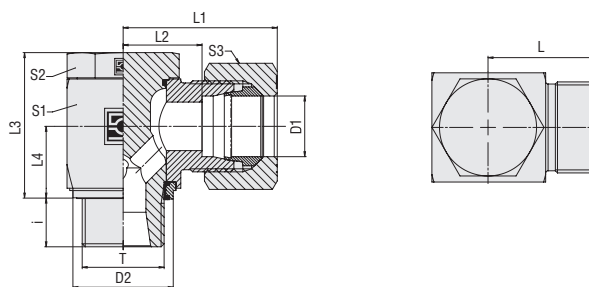


Banjo Elbow (High-Pressure Version) Type FI-RSW-...-R-WD ■ Series L / S



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**
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**

Connecting Parts

	Cutting Ring Type FI-DS	Page 28
	Soft-Sealing Cutting Ring Type FI-WDDS	Page 29
	Support Sleeve Type FI-VH	Page 31
	STAUFF Form Ring Type FI-AR	Page 32
	Union Nut Type FI-M	Page 33
	37° Flared Tube Fitting Set Type FI-AB	Page 37

Spare Parts / Accessories

	Retaining Ring with Captive Seal Type FI-DIR	Page 245
	O-Ring Type O-RING	Page 239

Series	Tube OD (mm/in)	PB (bar/psi)	Dimensions (mm/in)	Weight (kg/lbs) ca.	Ordering Codes ³
	D1		Thread T D2 L L1 ¹ L2 L3 L4 i S1 S2 S3	per 100	
L	6	500	G 1/8 14,9 20 28 13 21 10,5 8 14 14 14 3,65	3,65	FI-RSW-06LR-WD-B-W3
	.24	7250	.59 .79 1.10 .51 .83 .41 .31 .55 .55 .55 8.04	8.04	
	6	500	G 1/4 18,8 22 28 15 27,7 13,5 9,8 19 19 14 7,88	7,88	FI-RSW-06LR1/4-WD-B-W3
	.24	7250	.74 .87 1.10 .59 1.09 .53 .39 .75 .75 .55 17.37	17.37	
	8	500	G 1/4 18,9 21 29 14 27 13,5 10 19 19 17 7,92	7,92	FI-RSW-08LR-WD-B-W3
	.31	7250	.74 .83 1.14 .55 1.06 .53 .39 .75 .75 .67 17.43	17.43	
	10	500	G 1/4 18,9 22 30 15 27 13,5 10 19 19 19 8,16	8,16	FI-RSW-10LR-WD-B-W3
	.39	7250	.74 .87 1.18 .59 1.06 .53 .39 .75 .75 .75 17.95	17.95	
	12	400	G 1/4 18,8 22 31 15 30,7 15,5 9,8 22 19 22 10,06	10,06	FI-RSW-12LR1/4-WD-B-W3
	.47	5800	.74 .87 1.22 .59 1.21 .61 .39 .87 .75 .87 22.18	22.18	
	12	400	G 3/8 21,9 24,5 32,5 17,5 32,5 16 12 24 22 22 13,94	13,94	FI-RSW-12LR-WD-B-W3
	.47	5800	.86 .96 1.28 .69 1.28 .63 .47 .94 .87 .87 30.67	30.67	
	15	400	G 1/2 26,9 27 35 21 43 19,5 14 30 27 27 26,03	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	57.26	
	18	400	G 1/2 26,9 28 37 20,5 43 21,5 12 30 27 32 26,75	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	58.86	
	22	250	G 3/4 32,9 34,5 43,5 27 48 24 16 36 32 36 42,37	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	93.21	
	28	250	G 1 39,9 39 48 31,5 59 30,5 18 46 41 41 84,00	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	184.80	
	35	250	G 1 1/4 49,9 46 57 35,5 70 35,5 20 55 50 50 140,00	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	308.00	
	42	250	G 1 1/2 55,9 51 63 40 80 40,5 22 65 55 60 214,30	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	471.46	
S	6	500	G 1/4 18,9 23 31 16 27 13,5 10 19 19 17 8,36	8,36	FI-RSW-06SR-WD-B-W3
	.24	7250	.74 .91 1.22 .63 1.06 .53 .39 .75 .75 .67 18.40	18.40	
	8	500	G 1/4 18,9 23 31 16 27 13,5 10 19 19 19 8,63	8,63	FI-RSW-08SR-WD-B-W3
	.31	7250	.74 .91 1.22 .63 1.06 .53 .39 .75 .75 .75 18.99	18.99	
	10	500	G 3/8 21,9 25,5 34,5 18 32,5 16 10 24 22 22 14,36	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	31.60	
	12	400	G 3/8 21,9 27 36 18 32,5 16 10 24 22 24 14,86	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	32.70	
	14	400	G 1/2 26,9 30 40 22 41 19,5 14 30 27 27 26,74	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	58.83	
	16	400	G 1/2 26,9 30 40 21,5 43 21,5 12 30 27 30 27,23	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	59.91	
	20	315	G 3/4 32,9 36,5 47,5 26 48 24 16 36 32 36 44,33	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	97.53	
	25	250	G 1 39,9 43 55 31 59 30,5 18 46 41 46 86,90	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	191.18	
	30	250	G 1 1/4 49,9 50 63 36,5 70 35,5 20 55 50 50 144,70	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	318.34	
	38	250	G 1 1/2 55,9 57 72 41 80 40,5 22 65 55 60 223,60	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	491.92	

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

³ 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.

