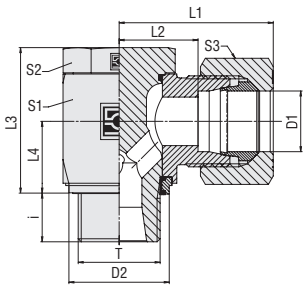
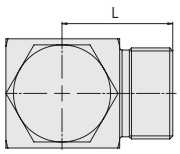
Banjo Elbow (High-Pressure Version)
Type FI-RSW-...-R-WD ▪ Series L / S





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 26


Soft-Sealing Cutting Ring Type **FI-WDDS** Page 27


Support Sleeve Type **FI-VH** Page 28


STAUFF Form Ring Type **FI-AR** Page 30


Union Nut Type **FI-M** Page 31


37° Flared Tube Fitting Set Type **FI-AB** Page 35

Spare Parts / Accessories


Retaining Ring with Captive Seal Type **FI-DIR** Page 213


O-Ring Type **O-RING** Page 207

Series	Tube OD (mm/in) D1	PB (bar/PSI)	Dimensions (mm/in) Thread T	D2	L	L1[1]	L2	L3	L4	i	S1	S2	S3	Weight (kg/lbs) ca. per 100[2]	Ordering Codes[3]
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	

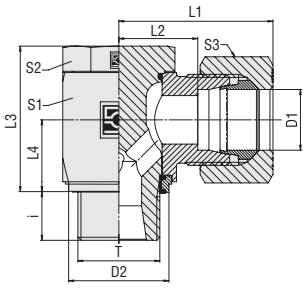
[1] Approximate dimension in assembled condition.
[2] Weight excluding cutting ring and union nut.
[3] Standard scope of delivery: Fitting body only.

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

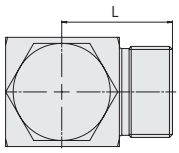
Port acc. to DIN 3852-2 (Form X) / ISO 1179-1

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.

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



Retaining Ring with Captive Seal



Metric Parallel Thread



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[2]	
L	6	500	M10x1	13	20	28	13	21	10	8	14	14	14	3,68	FI-RSW-06LM-WD-B-W3
	.24	7250		.51	.79	1.10	.51	.83	.39	.31	.55	.55	.55	8.09	
	8	500	M12x1,5	17,8	21	29	14	27	13,5	10	19	19	17	7,68	FI-RSW-08LM-WD-B-W3
	.31	7250		.70	.83	1.14	.55	1.06	.53	.39	.75	.75	.67	16.90	
	10	500	M14x1,5	17,8	22	30	15	27	13,5	10	19	19	19	8,28	FI-RSW-10LM-WD-B-W3
	.39	7250		.70	.87	1.18	.59	1.06	.53	.39	.75	.75	.75	18.22	
	12	400	M16x1,5	21	24,5	32,5	17,5	32,5	16	10	24	22	22	13,60	FI-RSW-12LM-WD-B-W3
	.47	5800		.83	.96	1.28	.69	1.28	.63	.39	.94	.87	.87	29.92	
	15	400	M18x1,5	23	27	35	20	37	18,5	10	27	24	27	19,21	FI-RSW-15LM-WD-B-W3
	.59	5800		.91	1.06	1.38	.79	1.46	.73	.39	1.06	.94	1.06	42.26	
	18	400	M22x1,5	27	28	37	20,5	43	21,5	12	30	27	32	27,12	FI-RSW-18LM-WD-B-W3
	.71	5800		1.06	1.10	1.46	.81	1.69	.85	.47	1.18	1.06	1.26	59.67	
	22	250	M26x1,5	31	34,5	43,5	27	48	24	16	36	32	36	42,64	FI-RSW-22LM-WD-B-W3
	.87	3625		1.22	1.36	1.71	1.06	1.89	.94	.63	1.42	1.26	1.42	93.82	
	28	250	M33x2	39	39	48	31,5	59	30,5	18	46	41	41	95,43	FI-RSW-28LM-WD-B-W3
	1.10	3625		1.54	1.54	1.89	1.24	2.32	1.20	.71	1.81	1.61	1.61	209.95	
	35	250	M42x2	49	46	57	35,5	70	35,5	20	55	50	50	146,83	FI-RSW-35LM-WD-B-W3
	1.38	3625		1.93	1.81	2.24	1.40	2.76	1.40	.79	2.17	1.97	1.97	323.03	
	42	250	M48x2	55	51	63	40	80	40,5	22	65	55	60	221,72	FI-RSW-42LM-WD-B-W3
	1.65	3625		2.17	2.01	2.48	1.57	3.15	1.59	.87	2.56	2.17	2.36	487.79	
S	6	500	M12x1,5	17,8	23	31	16	27	13,5	10	19	19	17	8,10	FI-RSW-06SM-WD-B-W3
	.24	7250		.70	.91	1.22	.63	1.06	.53	.39	.75	.75	.67	17.82	
	8	500	M14x1,5	17,8	23	31	16	27	13,5	10	19	19	19	8,80	FI-RSW-08SM-WD-B-W3
	.31	7250		.70	.91	1.22	.63	1.06	.53	.39	.75	.75	.75	19.36	
	10	500	M16x1,5	21	25,5	34,5	18	32,5	16	10	24	22	22	14,19	FI-RSW-10SM-WD-B-W3
	.39	7250		.83	1.00	1.36	.71	1.28	.63	.39	.94	.87	.87	31.21	
	12	400	M18x1,5	23	27	36	19,5	37	18,5	10	27	24	24	19,53	FI-RSW-12SM-WD-B-W3
	.47	5800		.91	1.06	1.42	.77	1.46	.73	.39	1.06	.94	.94	42.97	
	14	400	M20x1,5	25	30	40	22	41	19,5	12	30	27	27	29,38	FI-RSW-14SM-WD-B-W3
	.55	5800		.98	1.18	1.57	.87	1.61	.77	.47	1.18	1.06	1.06	64.63	
	16	400	M22x1,5	27	30	40	21,5	43	21,5	12	30	27	30	27,53	FI-RSW-16SM-WD-B-W3
	.63	5800		1.06	1.18	1.57	.85	1.69	.85	.47	1.18	1.06	1.18	60.56	
	20	315	M27x2	32	36,5	47,5	26	48	24	16	36	32	36	44,30	FI-RSW-20SM-WD-B-W3
	.79	4568		1.26	1.44	1.87	1.02	1.89	.94	.63	1.42	1.26	1.42	97.47	
	25	250	M33x2	39	43	55	31	59	30,5	18	46	41	46	224,50	FI-RSW-25SM-WD-B-W3
	.98	3625		1.54	1.69	2.17	1.22	2.32	1.20	.71	1.81	1.61	1.81	493.90	
	30	250	M42x2	49	50	63	36,5	70	35,5	20	55	50	50	150,16	FI-RSW-30SM-WD-B-W3
	1.18	3625		1.93	1.97	2.48	1.44	2.76	1.40	.79	2.17	1.97	1.97	330.36	
	38	250	M48x2	55	57	72	41	80	40,5	22	65	55	60	224,90	FI-RSW-38SM-WD-B-W3
	1.50	3625		2.17	2.24	2.83	1.61	3.15	1.59	.87	2.56	2.17	2.36	494.78	

[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 3852-1 (Form X) / ISO 9974-1

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.

Ordering Codes

***FI-RSW*-10*L*M*-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	Metric Parallel Thread	**M**

If required, please indicate special sizes, e.g. M12x1.5!

* 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 26


Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 27


Support Sleeve
Type **FI-VH** Page 28


STAUFF Form Ring
Type **FI-AR** Page 30


Union Nut
Type **FI-M** Page 31


37° Flared Tube Fitting Set
Type **FI-AB** Page 35

Spare Parts / Accessories


Retaining Ring with Captive Seal
Type **FI-DIR** Page 213


O-Ring
Type **O-RING** Page 207

K