



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



Retaining Ring with Captive Seal

Metric Parallel Thread

Series	Tube OD	PB	Dimensions													Weight	Ordering Codes ³
	(mm/in)	(bar/psi)	(mm/in)	D1	D2	L	L1 ¹	L2	L3	L4	i	S1	S2	S3	(kg/lbs) ca. per 100		
L	6	500	M10x1	14,9	20	28	13	21	10	8	14	14	14	3,68	FI-RSW-06LM-WD-B-W3		
	.24	7250		.59	.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	19,9	22	30	15	27	13,5	10	19	19	19	8,28	FI-RSW-10LM-WD-B-W3		
	.39	7250		.78	.87	1.18	.59	1.06	.53	.39	.75	.75	.75	18.22			
	12	400	M16x1,5	22,8	24,5	32,5	17,5	32,5	16	10	24	22	22	13,60	FI-RSW-12LM-WD-B-W3		
	.47	5800		.90	.96	1.28	.69	1.28	.63	.39	.94	.87	.87	29.92			
	12	400	M18x1,5	24,5	26	32,5	19	37,8	13,6	14,7	27	24	22	18,73	FI-RSW-12LM18x1,5-WD-B-W3		
	.47	5800		.96	1.02	1.28	.75	1.49	.54	.58	1.06	.94	.87	41.29			
	15	400	M18x1,5	24,9	27	35	20	37	18,5	10	27	24	27	19,21	FI-RSW-15LM-WD-B-W3		
	.59	5800		.98	1.06	1.38	.79	1.46	.73	.39	1.06	.94	1.06	42.26			
	18	400	M22x1,5	27,9	28	37	20,5	43	21,5	12	30	27	32	27,12	FI-RSW-18LM-WD-B-W3		
	.71	5800		1.10	1.10	1.46	.81	1.69	.85	.47	1.18	1.06	1.26	59.67			
	22	250	M26x1,5	32,5	34,5	43,5	27	48	24	16	36	32	36	42,64	FI-RSW-22LM-WD-B-W3		
	.87	3625		1.28	1.36	1.71	1.06	1.89	.94	.63	1.42	1.26	1.42	93.82			
	28	250	M33x2	40,9	39	48	31,5	59	30,5	18	46	41	41	95,43	FI-RSW-28LM-WD-B-W3		
	1.10	3625		1.61	1.54	1.89	1.24	2.32	1.20	.71	1.81	1.61	1.61	209.95			
	35	250	M42x2	50,9	46	57	35,5	70	35,5	20	55	50	50	146,83	FI-RSW-35LM-WD-B-W3		
	1.38	3625		2.0	1.81	2.24	1.40	2.76	1.40	.79	2.17	1.97	1.97	323.03			
42	250	M48x2	55,9	51	63	40	80	40,5	22	65	55	60	221,72	FI-RSW-42LM-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	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	19,9	23	31	16	27	13,5	10	19	19	19	8,80	FI-RSW-08SM-WD-B-W3		
	.31	7250		.78	.91	1.22	.63	1.06	.53	.39	.75	.75	.75	19.36			
	10	500	M16x1,5	22,8	25,5	34,5	18	32,5	16	10	24	22	22	14,19	FI-RSW-10SM-WD-B-W3		
	.39	7250		.90	1.00	1.36	.71	1.28	.63	.39	.94	.87	.87	31.21			
	12	400	M18x1,5	24,9	27	36	19,5	37	18,5	10	27	24	24	19,53	FI-RSW-12SM-WD-B-W3		
	.47	5800		.98	1.06	1.42	.77	1.46	.73	.39	1.06	.94	.94	42.97			
	14	400	M20x1,5	27,5	30	40	22	41	19,5	12	30	27	27	29,38	FI-RSW-14SM-WD-B-W3		
	.55	5800		1.08	1.18	1.57	.87	1.61	.77	.47	1.18	1.06	1.06	64.63			
	16	400	M22x1,5	27,9	30	40	21,5	43	21,5	12	30	27	30	27,53	FI-RSW-16SM-WD-B-W3		
	.63	5800		1.10	1.18	1.57	.85	1.69	.85	.47	1.18	1.06	1.18	60.56			
	20	315	M27x2	32,9	36,5	47,5	26	48	24	16	36	32	36	44,30	FI-RSW-20SM-WD-B-W3		
	.79	4568		1.30	1.44	1.87	1.02	1.89	.94	.63	1.42	1.26	1.42	97.47			
	25	250	M33x2	40,9	43	55	31	59	30,5	18	46	41	46	224,50	FI-RSW-25SM-WD-B-W3		
	.98	3625		1.61	1.69	2.17	1.22	2.32	1.20	.71	1.81	1.61	1.81	493.90			
	30	250	M42x2	50,9	50	63	36,5	70	35,5	20	55	50	50	150,16	FI-RSW-30SM-WD-B-W3		
	1.18	3625		2.00	1.97	2.48	1.44	2.76	1.40	.79	2.17	1.97	1.97	330.36			
	38	250	M48x2	55,9	57	72	41	80	40,5	22	65	55	60	224,90	FI-RSW-38SM-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	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 28

 Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 29

 Support Sleeve
Type **FI-VH** Page 31

 STAUFF Form EVO Sealing Ring
Type **FI-FD** 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

