FF/FU

FH

Series FF/ FH/ FU ▪ Carbon Steel

Material	Carbon Steel
Surface Finishing	Zinc-Nickel, Zinc-Plating and Thick-Film-Passivation (Chrome III) only FH/FU 51
Standard Seal Material(s)	NBR (Buna-N®), PTFE, PU [2]
Working Temperature	-25° C ... +100° C / -13° F ... +212° F
Valve Design	Flat Face
Connection	Push
Disconnection	Actuate Push Sleeve
Connect Under Pressure	not allowed, (Male Tip Series FU up to the max. Working Pressure allowed)
Application	Construction Machinery, Industrial Hydraulic
ISO Interchange	ISO 16028



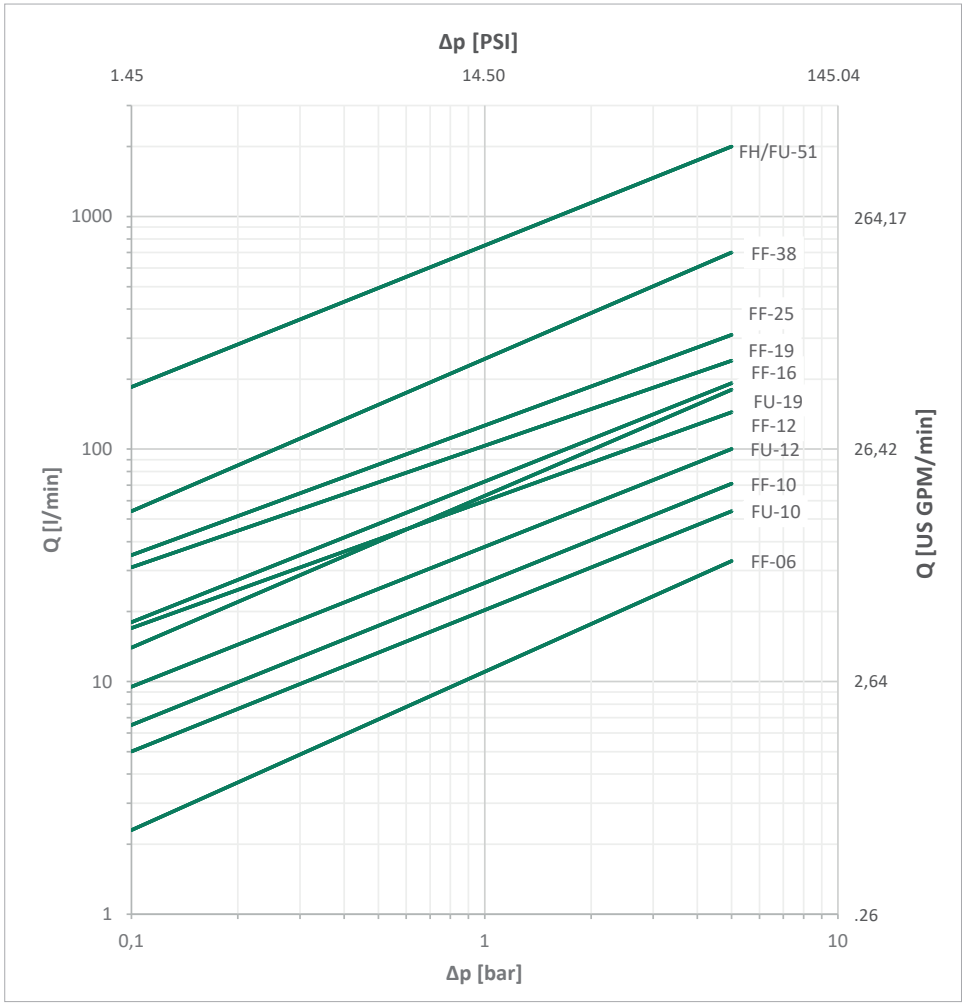
[2] Alternative seal materials are available on request.

Technical Data

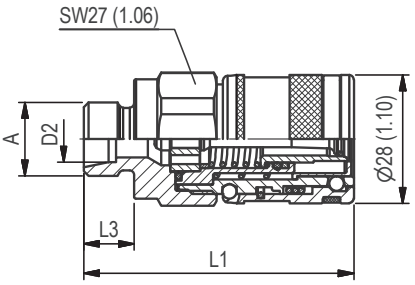
Series	BG	DN Zoll	DN metric	Q_{max}		Working Pressure*		Bursting Pressure Connected		Female Body		Male Tip		Spillage	
		Inch	ISO 4397	l/min	US GPM	bar	PSI	bar	PSI	bar	PSI	bar	PSI	ml	fl oz
FF-06	1	1/4"	6,3	40	10.57	400	5802	1500	21756	1220	17695	2000	29008	0,01	.0003
FF-10	2	3/8"	10	80	21.13	350	5076	1100	15954	1100	15954	1500	21756	0,015	.0005
FF-12	3	1/2"	12,5	120	31.70	350	5076	1400	20305	1050	15229	1500	21756	0,02	.0007
FF-16	4A	5/8"	16	150	39.63	350	5076	1600	23206	1200	17405	1200	17405	0,02	.0007
FF-19	4	3/4"	19	200	52.83	350	5076	1200	17405	1100	15954	1300	18855	0,032	.0011
FF-25	5	1"	25	380	100.39	260	3771	1200	17405	820	11893	1040	15084	0,03	.0010
FF-38	6	1 1/2"	38	600	158.50	300	4351	1000	14504	1000	14504	1000	14504	0,155	.0052
FH-51	7	2"	51	1000	264.17	150	2176	650	9427	650	9427	700	10153	0,1	.0034
FU-10	2	3/8"	10	80	21.13	350	5076	1700	24656			1500	21756	0,015	.0005
FU-12	3	1/2"	12,5	120	31.70	350	5076	1500	21756			1400	20305	0,02	.0007
FU-19	4	3/4"	19	180	47.55	350	5076	1600	23206			1600	23206	0,032	.0011

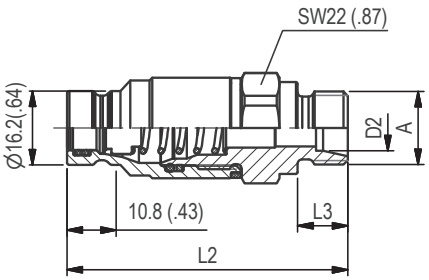
The indicated pressure ratings only apply to the coupling itself and depend on the connection type.

Flow Characteristics



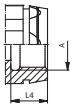
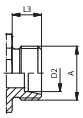
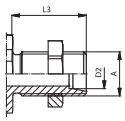
Please note: Unless otherwise stated, all flow characteristics have been determined with hydraulic oil with a kinematic viscosity of 28,8 - 35,2 mm²/s (28,8 - 35,2 cSt) and are only valid for components with non-reducing connections.



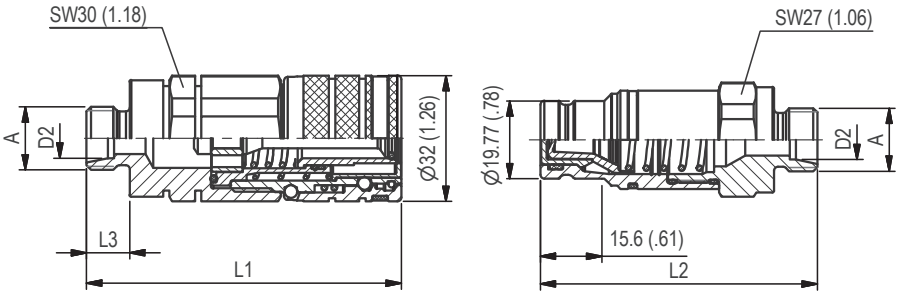


SW: Width across flats. All dimensions in mm (inch).

Series FF-06 ▪ BG 1 ▪ Nominal Size 6,3

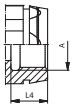
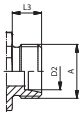
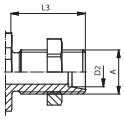
	Port A	Dimensions (mm/in) ØD2	L1	L2	L3	L4	Female Body Ordering Codes	Weight (kg/lbs) ca. per 100	Male Tip Ordering Codes	Weight (kg/lbs) ca. per 100
	Female Thread according to DIN 3852 - ISO 1179-1 - ANSI B 1.20.3 - SAE J1926-1 - ISO 11926-1									
	G 1/4"		55 2.17	54 2.13		12 .47	QRC-FF-06-F-G04-BT-W3	21,20 46.74	QRC-FF-06-M-G04-S1-W3	10,20 22.49
	NPTF 1/4"-18		55 2.17	54 2.13			QRC-FF-06-F-NF04-BT-W3	22,10 48.72	QRC-FF-06-M-NF04-S1-W3	10,60 23.37
	UNF 9/16"-18		55 2.17	52 2.05		12,8 .50	QRC-FF-06-F-U06-BT-W3	21,30 46.96	QRC-FF-06-M-U06-S1-W3	10,30 22.71
	Male Thread with 24° Conical Bore - Shape W according to DIN 3861									
	M14x1,5	8L	57 2.24	60 2.36	10 .39		QRC-FF-06-F-08L-BT-W3	18 39.68	QRC-FF-06-M-08L-S1-W3	10,20 22.49
	M16x1,5	10L	59 2.32	61 2.40	11 .43		QRC-FF-06-F-10L-BT-W3	18,20 40.12	QRC-FF-06-M-10L-S1-W3	10,60 23.40
	Male Thread with 24° Conical Bore - Bulkhead - Shape W according to DIN 3861									
	M14x1,5	8L	73 2.87	75 2.95	25 .98		QRC-FF-06-F-08LB-BT-W3	19,40 42.77	QRC-FF-06-M-08LB-S1-W3	10,30 22.71
	M16x1,5	10L	74 2.91	76 2.99	26 1.02		QRC-FF-06-F-10LB-BT-W3	20 44.09	QRC-FF-06-M-10LB-S1-W3	10,90 24.03

Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of plug-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.

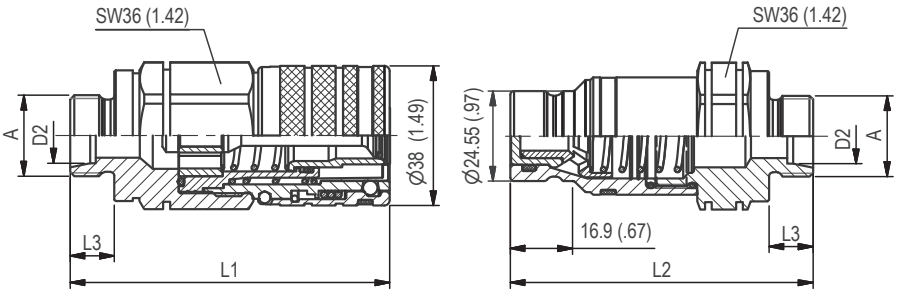


SW: Width across flats. All dimensions in mm (inch).

Series FF-10 ▪ BG 2 ▪ Nominal Size 10

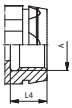
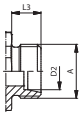
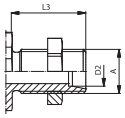
	Port A	Dimensions (mm/in) ØD2	L1	L2	L3	L4	Female Body Ordering Codes	Weight (kg/lbs) ca. per 100	Male Tip Ordering Codes	Weight (kg/lbs) ca. per 100
	Female Thread according to DIN 3852-2 - ISO 6149-1 - ANSI B 1.20.3-SAE J1926-1 - ISO 11926-1									
	G 3/8"		69	59,9		14,2	QRC-FF-10-F-G06-BT-W3	28,50	QRC-FF-10-M-G06-BP-W3	12,70
			2.72	2.36		.56		62.83		28
	G 1/2"		69	64,9		14,2	QRC-FF-10-F-G08-BT-W3	27	QRC-FF-10-M-G08-BP-W3	12,10
			2.72	2.56		.56		59.52		26.68
	NPTF 3/8"-18		69	62,9			QRC-FF-10-F-NF06-BT-W3	28,70	QRC-FF-10-M-NF06-BP-W3	12,90
			2.72	2,48				63.27		28.44
	NPTF 1/2"-14		70	62,9			QRC-FF-10-F-NF08-BT-W3	28	QRC-FF-10-M-NF08-BP-W3	13,70
			2.76	2.48				61.73		30.20
	UNF 3/4"-16		69	63,9		14,3	QRC-FF-10-F-U08-BT-W3	27,50	QRC-FF-10-M-U08-BP-W3	13,80
			2.72	2,52		.56		60.63		30.42
	Male Thread with 24° Conical Bore - Shape W according to DIN 3861									
	M16x1,5	10L	80	70,4	11		QRC-FF-10-F-10L-BT-W3	30	QRC-FF-10-M-10L-BP-W3	14,70
			3.15	2.77	.43			66.14		32.41
	M18x1,5	12L	80	70,4	11		QRC-FF-10-F-12L-BT-W3	30	QRC-FF-10-M-12L-BP-W3	14,70
			3.15	2.77	.43			66.14		32.41
	M22x1,5	15L	81	71,4	12		QRC-FF-10-F-15L-BT-W3	30,70	QRC-FF-10-M-15L-BP-W3	15,20
			3.19	2.81	.47			67.68		33.51
	M20x1,5	12S	81	71,4	12		QRC-FF-10-F-12S-BT-W3	30,90	QRC-FF-10-M-12S-BP-W3	15,40
			3.19	2.81	.47			68.12		33.95
	M24x1,5	16S	83	73,4	14		QRC-FF-10-F-16S-BT-W3	31,60	QRC-FF-10-M-16S-BP-W3	15,90
			3.27	2.89	.55			69.67		35.05
	Male Thread with 24° Conical Bore - Bulkhead - Shape W according to DIN 3861									
	M16x1,5	10L	87	85,4	26		QRC-FF-10-F-10LB-BT-W3	28,6	QRC-FF-10-M-10LB-BP-W3	17
			3.43	3.36	1.02			62.92		36.30
	M18x1,5	12L	87	85,4	26		QRC-FF-10-F-12LB-BT-W3	29	QRC-FF-10-M-12LB-BP-W3	17
			3.43	3.36	1.02			63.58		36.96
	M22x1,5	15L	88	86,4	27		QRC-FF-10-F-15LB-BT-W3	31	QRC-FF-10-M-15LB-BP-W3	18
			3.46	3.40	1.06			67.32		40.48
	M20x1,5	12S	88	86,4	27		QRC-FF-10-F-12SB-BT-W3	31	QRC-FF-10-M-12SB-BP-W3	19
			3.46	3.40	1.06			67.85		40.81
	M24x1,5	16S	89,6	88,4	29		QRC-FF-10-F-16SB-BT-W3	32	QRC-FF-10-M-16SB-BP-W3	20
			3.53	3.48	1.14			71.28		43.85

Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of plug-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.



SW: Width across flats. All dimensions in mm (inch).

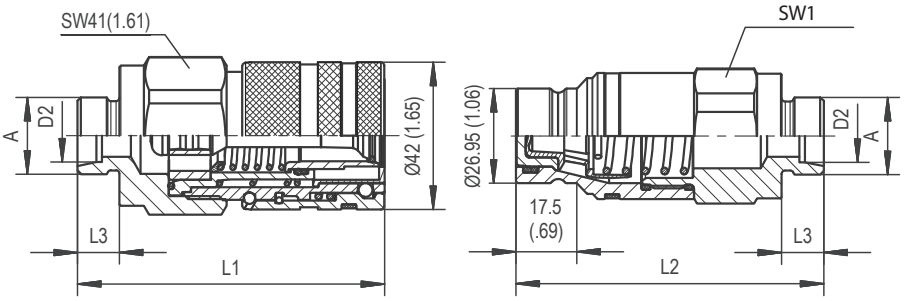
Series FF-12 ▪ BG 3 ▪ Nominal Size 12,5

	Port A	Dimensions (mm/in) ØD2	L1	L2	L3	L4	Female Body Ordering Codes	Weight (kg/lbs) ca. per 100	Male Tip Ordering Codes	Weight (kg/lbs) ca. per 100
	Female Thread according to DIN 3852-2 - ISO 6149-1 - ANSI B 1.20.3-SAE J1926-1 - ISO 11926-1									
	G 1/2"		84	71		14	QRC-FF-12-F-G08-BT-W3	50	QRC-FF-12-M-G08-BP-W3	25,50
			3.31	2.80		.55		110.23		56.22
	G 3/4"		84	72		18	QRC-FF-12-F-G12-BT-W3	46,60	QRC-FF-12-M-G12-BP-W3	23,50
			3.31	2.84		.71		102.74		51.81
	NPTF 1/2"-14		84	71			QRC-FF-12-F-NF08-BT-W3	50,70	QRC-FF-12-M-NF08-BP-W3	26
			3.31	2.80				111.77		57.32
	NPTF 3/4"-14		84	72			QRC-FF-12-F-NF12-BT-W3	47,70	QRC-FF-12-M-NF12-BP-W3	24,10
			3.31	2.84				105.16		53.13
	UNF 3/4"-16		84	72		14,3	QRC-FF-12-F-U08-BT-W3	50,90	QRC-FF-12-M-U08-BP-W3	26,30
			3.31	2.83		.56		112.22		57.98
	UNF 7/8"-14		84	72		16,7	QRC-FF-12-F-U10-BT-W3	49	QRC-FF-12-M-U10-BP-W3	25,30
			3.31	2.84		.66		108.03		55.78
	UN 1" 1/16-12		84	76		19	QRC-FF-12-F-U12-BT-W3	45,60	QRC-FF-12-M-U12-BP-W3	24,50
			3.31	2.99		.75		100.53		54.01
	Male Thread with 24° Conical Bore - Shape W according to DIN 3861									
	M18x1,5	12L	86	81,5	11		QRC-FF-12-F-12L-BT-W3	48,10	QRC-FF-12-M-12L-BP-W3	27,70
			3.39	3.21	.43			106.04		61.07
	M22x1,5	15L	87	82,5	12		QRC-FF-12-F-15L-BT-W3	48,60	QRC-FF-12-M-15L-BP-W3	28,40
			3.43	3.25	.47			107.14		62.61
	M26x1,5	18L	87	82,5	12		QRC-FF-12-F-18L-BT-W3	47,60	QRC-FF-12-M-18L-BP-W3	28,70
			3.43	3.25	.47			104.94		63.27
	M30x2	22L	89	84,5	14		QRC-FF-12-F-22L-BT-W3	48,20	QRC-FF-12-M-22L-BP-W3	29,10
			3.50	3.33	.55			106.26		64.15
	M24x1,5	16S	89	84,5	14		QRC-FF-12-F-16S-BT-W3	49,50	QRC-FF-12-M-16S-BP-W3	29,30
			3.50	3.33	.55			109.13		64.60
	M30x2	20S	91	86,5	16		QRC-FF-12-F-20S-BT-W3	50,50	QRC-FF-12-M-20S-BP-W3	30,70
			3.58	3.41	.63			111.33		67.68
	Male Thread with 24° Conical Bore - Bulkhead - Shape W according to DIN 3861									
	M18x1,5	12L	91	94	26		QRC-FF-12-F-12LB-BT-W3	42,40	QRC-FF-12-M-12LB-BP-W3	28
			3.58	3.70	1.02			93.48		61.73
	M22x1,5	15L	92	95	27		QRC-FF-12-F-15LB-BT-W3	44,20	QRC-FF-12-M-15LB-BP-W3	29,80
			3.62	3.74	1.06			97.44		65.70
	M26x1,5	18L	92	95	27		QRC-FF-12-F-18LB-BT-W3	45,70	QRC-FF-12-M-18LB-BP-W3	31,30
			3.62	3.74	1.06			100.75		69.00
	M30x2	22L	99	102,0	34		QRC-FF-12-F-22LB-BT-W3	48,70	QRC-FF-12-M-22LB-BP-W3	34,40
			3.90	4.02	1.34			107.37		75.84
	M24x1,5	16S	94	97	29		QRC-FF-12-F-16SB-BT-W3	45,50	QRC-FF-12-M-16SB-BP-W3	31,60
			3.70	3.82	1.14			100.31		69.67
	M30x2	20S	101	104	36		QRC-FF-12-F-20SB-BT-W3	51,50	QRC-FF-12-M-20SB-BP-W3	37,20
			3.98	4.09	1.42			113.54		82.01

Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of plug-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.

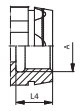
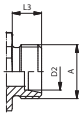
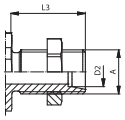
FF/FU

FH

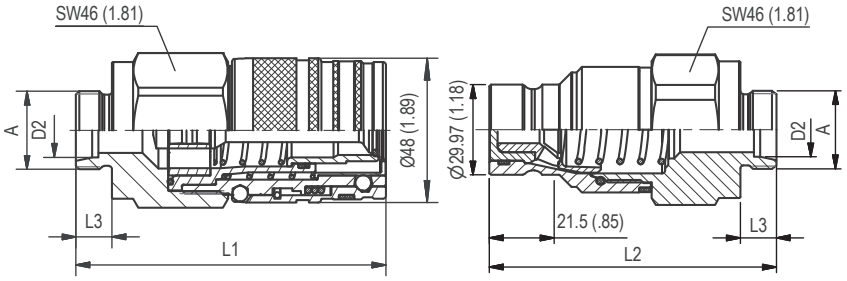


SW: Width across flats. All dimensions in mm (inch).

Series FF-16 ▪ BG 4A ▪ Nominal Size 16

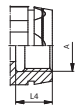
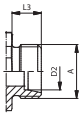
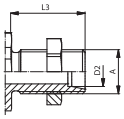
	Port A	Dimensions (mm/in) ØD2	L1	L2	L3	L4	SW1	Female Body Ordering Codes	Weight (kg/lbs) ca. per 100	Male Tip Ordering Codes	Weight (kg/lbs) ca. per 100
	Female Thread according to DIN 3852-2 - ANSI B 1.20.3 - SAE J1926-1 - ISO 11926-1										
	G 3/4"		87	73		16	36	QRC-FF-16-F-G12-BT-W3	64,10	QRC-FF-16-M-G12-BP-W3	29,20
			3.43	2.87		.63	1.42		141.32		64.38
	G 1"		89	80		18	41	QRC-FF-16-F-G16-BT-W3	66,90	QRC-FF-16-M-G16-BP-W3	28,50
			3.50	3.15		.71	1.61		147.49		62.83
	NPTF 3/4"-14		87	76			36	QRC-FF-16-F-NF12-BT-W3	66,90	QRC-FF-16-M-NF12-BP-W3	34,00
			3.43	2.99			1.42		147.49		74.96
	UN 1" 1/16-12		87	78		19	36	QRC-FF-16-F-U12-BT-W3	65,10	QRC-FF-16-M-U12-BP-W3	33,50
			3.43	3.07		.75	1.42		143.52		73.86
	Male Thread with 24° Conical Bore - Shape W according to DIN 3861										
	M22x1,5	15L	87	88	12		36	QRC-FF-16-F-15L-BT-W3	60,80	QRC-FF-16-M-15L-BP-W3	36,60
			3.43	3.46	.47		1.42		134.04		80.69
	M26x1,5	18L	87	88	12		36	QRC-FF-16-F-18L-BT-W3	61,30	QRC-FF-16-M-18L-BP-W3	36,90
			3.43	3.46	.47		1.42		135.14		81.35
	M30x2	22L	89	90	14		36	QRC-FF-16-F-22L-BT-W3	61,80	QRC-FF-16-M-22L-BP-W3	37,30
			3.50	3.54	.55		1.42		136.25		82.23
	M24x1,5	16S	89	90	14		36	QRC-FF-16-F-16S-BT-W3	61,80	QRC-FF-16-M-16S-BP-W3	37,40
			3.50	3.54	.55		1.42		136.25		82.45
	M30x2	20S	91	92	16		36	QRC-FF-16-F-20S-BT-W3	63,30	QRC-FF-16-M-20S-BP-W3	43,90
			3.58	3.62	.63		1.42		139.55		96.78
	M36x2	25S	93	94	18		41	QRC-FF-16-F-25S-BT-W3	65,60	QRC-FF-16-M-25S-BP-W3	47,20
			3.66	3.70	.71		1.61		144.62		104.06
	Male Thread with 24° Conical Bore - Bulkhead - Shape W according to DIN 3861										
	M22x1,5	15L	102	103	27		36	QRC-FF-16-F-15LB-BT-W3	63,60	QRC-FF-16-M-15LB-BP-W3	39,50
			4.02	4.06	1.06		1.42		140.21		87.08
	M26x1,5	18L	102	103	27		36	QRC-FF-16-F-18LB-BT-W3	65,10	QRC-FF-16-M-18LB-BP-W3	41,10
			4.02	4.06	1.06		1.42		143.52		90.61
	M30x2	22L	109	110	34		36	QRC-FF-16-F-22LB-BT-W3	68,10	QRC-FF-16-M-22LB-BP-W3	43,90
			4.29	4.33	1.34		1.42		150.14		96.78
	M24x1,5	16S	104	105	29		36	QRC-FF-16-F-16SB-BT-W3	65,40	QRC-FF-16-M-16SB-BP-W3	41,40
			4.09	4.13	1.14		1.42		144.18		91.27
	M30x2	20S	111	112	36		36	QRC-FF-16-F-20SB-BT-W3	71,00	QRC-FF-16-M-20SB-BP-W3	46,90
			4.37	4.41	1.42		1.42		156.53		103.40
	M36x2	25S	113	114	38		41	QRC-FF-16-F-25SB-BT-W3	76,20	QRC-FF-16-M-25SB-BP-W3	58,20
			4.45	4.49	1.50		1.61		167.99		128.31

Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of plug-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.

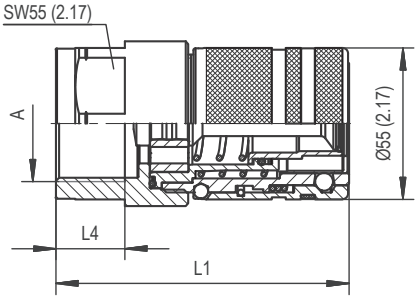


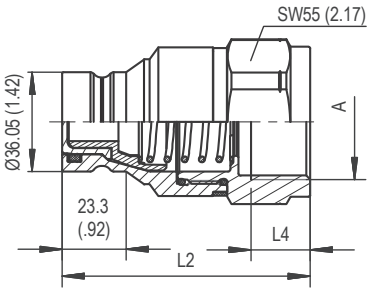
SW: Width across flats. All dimensions in mm (inch).

Series FF-19 ▪ BG 4 ▪ Nominal Size 19

	Port A	Dimensions (mm/in) ØD2	L1	L2	L3	L4	Female Body Ordering Codes	Weight (kg/lbs) ca. per 100	Male Tip Ordering Codes	Weight (kg/lbs) ca. per 100
	Female Thread according to DIN 3852-2 - ISO 6149-1 - ANSI B 1.20.3-SAE J1926-1 - ISO 11926-1									
	G 3/4"		99	84		16	QRC-FF-19-F-G12-BT-W3	92,90	QRC-FF-19-M-G12-BP-W3	53,10
			3.89	3.31		.63		204.81		117.07
	G 1"		99	84		18	QRC-FF-19-F-G16-BT-W3	87,50	QRC-FF-19-M-G16-BP-W3	47,40
			3.89	3.31		.71		192.90		104.50
	NPTF 3/4"-14		99	84			QRC-FF-19-F-NF12-BT-W3	94,40	QRC-FF-19-M-NF12-BP-W3	54,40
			3.90	3.31				208.12		119.93
	NPTF 1"-11 1/2		99	84			QRC-FF-19-F-NF16-BT-W3	90,50	QRC-FF-19-M-NF16-BP-W3	50,50
			3.90	3.31				199.52		111.33
	UN 1" 1/16-12		99	84		19	QRC-FF-19-F-U12-BT-W3	93,10	QRC-FF-19-M-U12-BP-W3	53
			3.90	3.31		.75		205.25		116.85
	UN 1" 5/16-12		99	84		19	QRC-FF-19-F-U16-BT-W3	89,30	QRC-FF-19-M-U16-BP-W3	47,90
			3.90	3.31		.75		196.87		105.60
	Male Thread with 24° Conical Bore - Shape W according to DIN 3861									
	M26x1,5	18L	103	96	12		QRC-FF-19-F-18L-BT-W3	91,10	QRC-FF-19-M-18L-BP-W3	60,70
			4.06	3.76	.47			200.84		133.82
	M30x2	22L	105	98	14		QRC-FF-19-F-22L-BT-W3	91,10	QRC-FF-19-M-22L-BP-W3	59,80
			4.14	3.84	.55			200.84		131.84
	M36x2	28L	105	98	14		QRC-FF-19-F-28L-BT-W3	90,30	QRC-FF-19-M-28L-BP-W3	58,10
			4.14	3.84	.55			199.08		128.09
	M30x2	20S	107	100	16		QRC-FF-19-F-20S-BT-W3	93,10	QRC-FF-19-M-20S-BP-W3	62,50
			4.22	3.92	.63			205.25		137.79
	M36x2	25S	109	102	18		QRC-FF-19-F-25S-BT-W3	94,70	QRC-FF-19-M-25S-BP-W3	63,20
			4.30	4.00	.71			208.78		139.33
	M42x2	30S	111	104	20		QRC-FF-19-F-30S-BT-W3	96,10	QRC-FF-19-M-30S-BP-W3	63,70
			4.38	4.07	.79			211.86		140.43
	Male Thread with 24° Conical Bore - Bulkhead - Shape W according to DIN 3861									
	M26x1,5	18L	125	118	34		QRC-FF-19-F-18LB-BT-W3	97,20	QRC-FF-19-M-18LB-BP-W3	66,80
			4.93	4.63	1.34			214.29		147.27
	M30x2	22L	125	118	34		QRC-FF-19-F-22LB-BT-W3	97,70	QRC-FF-19-M-22LB-BP-W3	66,50
			4.93	4.63	1.34			215.39		146.61
	M36x2	28L	125	118	34		QRC-FF-19-F-28LB-BT-W3	99,20	QRC-FF-19-M-28LB-BP-W3	67
			4.93	4.63	1.34			218.70		147.71
	M30x2	20S	129	120	36		QRC-FF-19-F-20SB-BT-W3	101,80	QRC-FF-19-M-20SB-BP-W3	70,40
			5.09	4.70	1.42			224.43		155.21
	M36x2	25S	129	124	38		QRC-FF-19-F-25SB-BT-W3	105,76	QRC-FF-19-M-25SB-BP-W3	74,30
			5.09	4.86	1.50			233.16		163.80
	M42x2	30S	131	124	38		QRC-FF-19-F-30SB-BT-W3	110,10	QRC-FF-19-M-30SB-BP-W3	77,80
			5.17	4.86	1.50			242.73		171.52

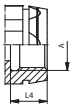
Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of plug-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.



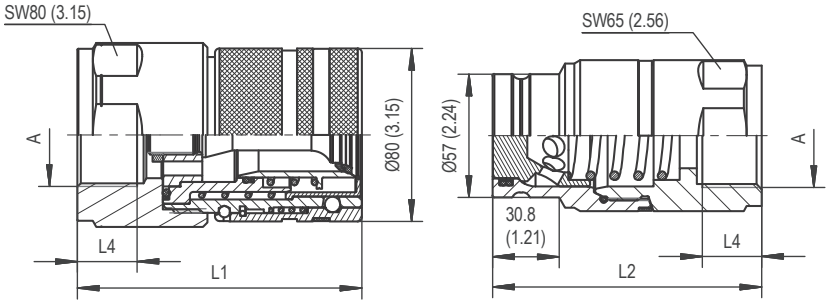


SW: Width across flats. All dimensions in mm (inch).

Series FF-25 ▪ BG 5 ▪ Nominal Size 25

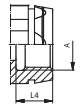
	Port A	Dimensions ($^{mm}/_{in}$) ØD2	L1	L2	L3	L4	Female Body Ordering Codes	Weight ($^{kg}/_{lbs}$) ca. per 100	Male Tip Ordering Codes	Weight ($^{kg}/_{lbs}$) ca. per 100
Female Thread according to DIN 3852-2 - ANSI B 1.20.3 - SAE J1926-1 - ISO 11926-1										
	G 1"		106	90		18	QRC-FF-25-F-G16-BT-W3	141,50	QRC-FF-25-M-G16-BP-W3	81,50
			4.17	3.54		.71		311.95		179.68
	G 1" 1/4		106	90		20	QRC-FF-25-F-G20-BT-W3	130,10	QRC-FF-25-M-G20-BP-W3	71,40
			4.17	3.54		.79		286.82		157.41
	G 1" 1/2		106	95,6		22	QRC-FF-25-F-G24-BT-W3	120,50	QRC-FF-25-M-G24-BP-W3	83,00
			4.17	3.76		.87		265.66		182.98
	NPTF 1" 11 1/2		106	90			QRC-FF-25-F-NF16-BT-W3	143,00	QRC-FF-25-M-NF16-BP-W3	83,00
			4.17	3.54				315.26		182.98
	NPTF 1" 1/4-11 1/2		106	90			QRC-FF-25-F-NF20-BT-W3	133,70	QRC-FF-25-M-NF20-BP-W3	73,60
			4.17	3.54				294.76		162.26
	UN 1" 5/16 - 12		106	90		19	QRC-FF-25-F-U16-BT-W3	140,50	QRC-FF-25-M-U16-BP-W3	80,80
			4.17	3.54		.75		309.75		178.13
	UN 1" 5/8 - 12		106	90		19	QRC-FF-25-F-U20-BT-W3	132,10	QRC-FF-25-M-U20-BP-W3	72,00
			4.17	3.54		.75		291.23		158.73

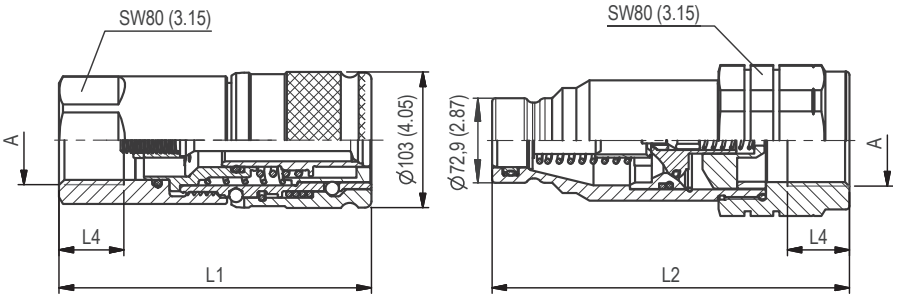
Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of plug-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.



SW: Width across flats. All dimensions in mm (inch).

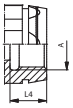
Series FF-38 ▪ BG 6 ▪ Nominal Size 38

	Port A	Dimensions (mm/in) ØD2	L1	L2	L3	L4	Female Body Ordering Codes	Weight (kg/lbs) ca. per 100	Male Tip Ordering Codes	Weight (kg/lbs) ca. per 100
	Female Thread according to ISO 3852-2 - ANSI B 1.20.3 - SAE J1926-1 - ISO 11926-1									
	G 1 1/4“		131,6	124,6		21,5	QRC-FF-38-F-G20-S1-W3	388,40	QRC-FF-38-M-G20-BT-W3	218,60
			5.18	4.91		.85		856.28		481.93
	G 1 1/2“		131,6	124,6		23	QRC-FF-38-F-G24-S1-W3	379,10	QRC-FF-38-M-G24-BT-W3	209,90
			5.18	4.91		.89		835.77		462.75
	NPTF 1" 1/4- 11 1/2		131,6	124,6			QRC-FF-38-F-NF20-S1-W3	390,50	QRC-FF-38-M-NF20-BT-W3	221,10
			5.18	4.91				860.91		487.44
	NPTF 1" 1/2- 11 1/2		131,6	124,6			QRC-FF-38-F-NF24-S1-W3	381,20	QRC-FF-38-M-NF24-BT-W3	216,80
			5.18	4.91				840.40		477.96
	UN 1" 5/8-12		131,6	124,6		19	QRC-FF-38-F-U20-S1-W3	387,70	QRC-FF-38-M-U20-BT-W3	218,50
			5.18	4.91		.75		854.73		481.71
	UN 1" 7/8-12		131,6	124,6		19	QRC-FF-38-F-U24-S1-W3	376,10	QRC-FF-38-M-U24-BT-W3	210,30
			5.18	4.91		.75		829.16		463.63



SW: Width across flats. All dimensions in mm (inch).

Series FH/FU 51 ▪ BG 7 ▪ Nominal Size 51

	Port A	Dimensions (mm/in) ØD2	L1	L2	L3	L4	Female Body Ordering Codes	Weight (kg/lbs) ca. per 100	Male Tip Ordering Codes	Weight (kg/lbs) ca. per 100
	Female Thread according to DIN 3852-2-A - ANSI B 1.20.3									
	G 2"		147,4	173		24	QRC-FH-51-F-G32-BT-W66	550	QRC-FU-51-M-G32-BT-W66	489
			5.80	6.81		.94		1212.54		1078.06
	NPTF 2" -11 1/2		147,4	173			QRC-FH-51-F-NF32-BT-W66	540	QRC-FU-51-M-NF32-BT-W66	479
			5.80	6.81				1190.50		1056.01

Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of plug-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.